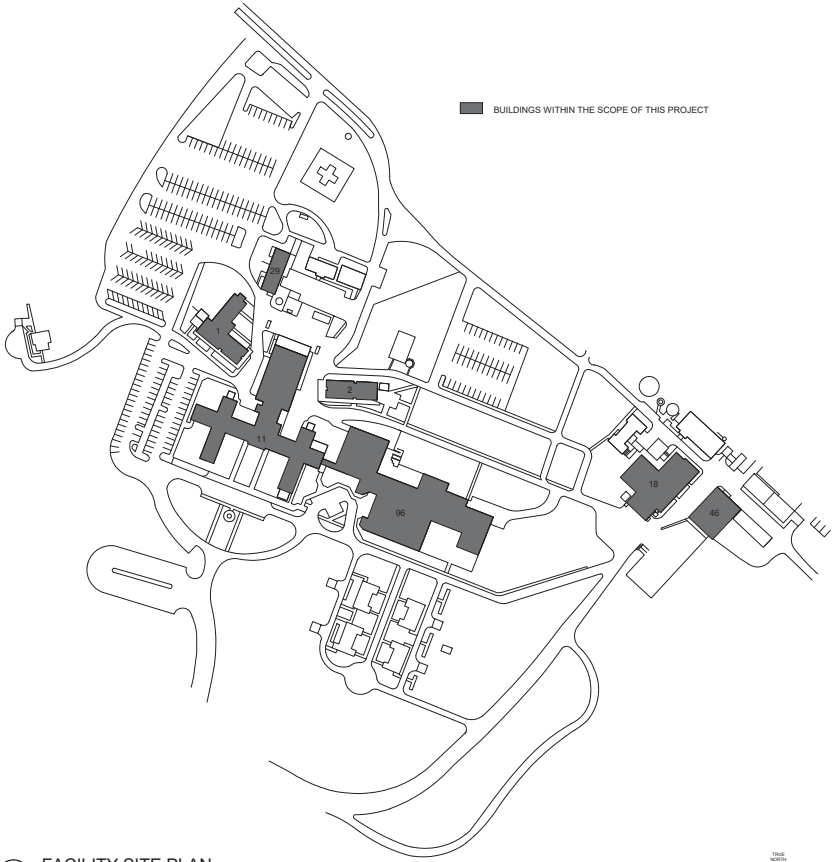
EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

KERRVILLE VA MEDICAL CENTER 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

PROJECT #: 671A4-21-700

1 LOCATION MAP
3/4" = 1'-0"



2 FACILITY SITE PLAN
1" = 300'-0"

TRUE NORTH

PROJECT INFORMATION

CODE ANALYSIS

STATE: Texas
COUNTY: Kerr, County
JURISTICTION: Kerrville

OWNER: Department of Veterans Affairs

ICRA CLASS REQUIREMENTS

REQUIREMENTS DEPENDENT ON EACH INDIVIDUAL ROOM LOCATION.

APPLICABLE BUILDING

BUILDING 1, 2, 11, 18, 29, 46 & 96

PROJECT DESCRIPTION

THE PROPOSED DESIGN SHALL IMPROVE, RECONFIGURE, EXPAND AND RENOVATE EXISTING SPACES FOR NEW TELECOMMUNICATION ROOMS.

DESIGN TEAM

CIVIL

SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
PHONE: (206) 590-2118

MECHANICAL

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ARCHITECTURAL

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PLUMBING

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STRUCTURAL

REID MIDDLETON
728 134TH ST SW, STE 200
EVERETT, WA 98204
PHONE: (425) 741-3800

ELECTRICAL

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FIRE PROTECTION

SPEES DESIGN BUILD
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ENVIRONMENTAL

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Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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KENT, WA 98032

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: COVER SHEET

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: KG / EM | Drawn: CO

Project Number: 671A4-21-700

Building Number:

Drawing Number: G-001

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VA FORM 08 - 6231

Autodesk Docs://671A4-21-700/VA TX Kerrville EHRM/G001R1.dwg, SHEET: A1

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EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

KERRVILLE VA MEDICAL CENTER 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

PROJECT #: 671A4-21-700

VA POC INFORMATION

LOCAL ICRA / PCRA POINT OF CONTACT:
DANE GIBBS
DANE.GIBBS@VA.COM

BUILDING 1
POINT OF CONTACT:
EDUCATIONAL OFFICES
830-896-2020 EXT: 302347

BUILDING 2
POINT OF CONTACT:
RECORDS / PHARMACY STORAGE
830-896-2020 EXT: 302606

BUILDING 11
LEVEL 0 - POINT OF CONTACT:
ADMIN
830-896-2020 EXT: 302253
(TR ABOVE)

LEVEL 1 - POINT OF CONTACT:
RIGHT: POLICE
830-896-2020 EXT: 302520 & 302210
(TR BELOW AND ABOVE)

LEVEL 2 - POINT OF CONTACT:
LEFT: ADMIN
830-896-2020 EXT: 302943
RIGHT: ADMIN
830-896-2020 EXT: 301401
(TR BELOW AND ABOVE)

LEVEL 3 - POINT OF CONTACT:
LEFT: STORAGE
RIGHT: ADMIN
830-896-2020 EXT: 302226
(TR BELOW AND ABOVE)

LEVEL 4 - POINT OF CONTACT:
NONE
(TR BELOW AND ABOVE)

LEVEL 5 - POINT OF CONTACT:
LEFT: REVENUE OFFICE
830-896-2020 EXT: 302585
RIGHT: ON CALL NURSE OF THE DAY
830-896-2020 EXT: 302314
(TR BELOW AND ABOVE)

LEVEL 6 - POINT OF CONTACT:
LEFT: BREAK
RIGHT: ASSISTANT NURSE MANAGER
830-896-2020 EXT: 302324
(TR BELOW AND ABOVE)

LEVEL 7 - POINT OF CONTACT:
LEFT: CLERK OFFICE
830-896-2020 EXT: 302228
RIGHT: PHYSICAL THERAPY
830-896-2020 EXT: 302241
(TR BELOW)

BUILDING 18
POINT OF CONTACT:
LAUNDRY
830-896-2020 EXT: 302745

BUILDING 29
POINT OF CONTACT:
ABOVE: ENGINEERING
830-896-2020 EXT: 302376
BELOW: MAINTENANCE
830-896-2020 EXT: 302340

BUILDING 46
POINT OF CONTACT:
TRANSPORTATION
830-896-2020 EXT: 302740

BUILDING 96
POINT OF CONTACT:
NONE

GENERAL NOTES

1. CODES, STANDARDS, AND SPECIFICATIONS:
ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CODES AS REFERENCED IN THE SOLICITATION AND THE REQUIREMENTS STATED IN THE APPLICABLE SECTIONS OF THE VA GUIDELINES, STANDARDS, AND THE NATIONAL FIRE CODES (NFPA STANDARDS) CURRENT AT THE TIME OF ISSUANCE OF THE SOLICITATION. AMENDMENTS TO THESE CODES AS SET FORTH BY THE AUTHORITY HAVING JURISDICTION SHALL SUPERSEDE THE INTERNATIONAL CODES AND NFPA STANDARDS AS ISSUED. ALL CONSTRUCTION AND SUPERVISION ACTIVITY PERFORMED SHALL ADHERE TO THE REQUIREMENTS OF APPLICABLE CODES, STANDARDS AND PROJECT SPECIFICATIONS.

2. NOISE:
NO DISRUPTION OF ANY DAY-TO-DAY OPERATIONS. IF NOISE IS A FACTOR, THE GENERAL CONTRACTOR'S REPRESENTATIVE SHALL WORK WITH THE ON-SITE RESIDENT ENGINEER TO COORDINATE PROVISIONS TO COMPLETE THE DISRUPTIVE WORK AFTER HOURS. REFERENCE SECTIONS 01 35 26 AND 01 57 19 FOR ADDITIONAL CONSTRUCTION NOISE REQUIREMENTS.

3. WORK SCHEDULES & TIMES:
THE NORMAL BUSINESS HOURS ARE 0800-1630 HOURS (EXCLUDING WEEKENDS AND HOLIDAYS). ANY OTHER ACTIVITY SCHEDULED TIMES SHALL BE APPROVED BY THE ON-SITE VA KERRVILLE RESIDENT ENGINEER AT LEAST TWO (2) WEEKS IN ADVANCE OF THE PROPOSED ACTIVITY.

4. BADGING:
ON-SITE CONSTRUCTION ACTIVITY SHALL NOT PROCEED UNTIL ALL CONSTRUCTION PERSONNEL WORKING ON THE PREMISES UNDER THIS CONTRACT HAVE BEEN BADGED THROUGH THE PERSONAL IDENTITY VERIFICATION (PIV) OFFICE. REFERENCE SECTION 01 00 00 FOR ADDITIONAL BADGING REQUIREMENTS.

VA LOCAL STATION POC: HECTOR COROMINAS (EXT. 30-2788; HECTOR.CORMINAS@VA.GOV) AND JOHN DOLLEY (EXT. 30-1080; JOHN.DOLLEY@VA.GOV)

5. PCRA/ICRA:
THE PRE-CONSTRUCTION RISK ASSESSMENT (PCRA) AND INFECTION CONTROL RISK ASSESSMENT (ICRA) FORMS SHALL BE COMPLETED PRIOR TO COMMENCING WITH ANY CONSTRUCTION ACTIVITY. THE PCRA SHALL BE PROVIDED TO THE AWARDED CONTRACTOR. THE AWARCED CONTRACTOR SHALL COMPLETE THE ICRA FORM AT THE CONSTRUCTION KICK-OFF MEETING. THE CONTRACTOR SHALL WORK WITH THE VA'S APPOINTED INFECTION CONTROLS REPRESENTATIVE TO COMPLETE THE ICRA. THE VA KERRVILLE RESIDENT ENGINEER WILL PROVIDE THE CONTRACTOR WITH THE APPOINTED INFECTION CONTROLS REPRESENTATIVES' CONTACT INFORMATION. REFERENCE SECTION 01 35 26 FOR ADDITIONAL ICRA REQUIREMENTS.

VA LOCAL STATION POC: DAVE GIBBS (PHONE: 210.627.5108; DANE.GIBBS@VA.GOV)

6. TRASH:
ALL TRASH AND WASTE BUILDING MATERIALS SHALL BE STORED IN AN ENCLOSURE DOCUMENTED AND DISPOSED OF PROPERLY AT AN OFF-SITE FACILITY. CONTRACTOR IS RESPONSIBLE FOR TRASH BIN ON LOCATION. ALL TRASH SHALL BE REMOVED ON A DAILY BASIS. REFERENCE SECTIONS 01 35 26, 01 74 19, AND 02 41 00 FOR ADDITIONAL REQUIREMENTS.

7. SITE CLEANUP:
ALL CONSTRUCTION ACTIVITY WORK SITES SHALL BE CLEANED, ORGANIZED, AND SECURED AT THE END OF EVERY WORK DAY TO A LEVEL THAT IS SATISFACTORY TO THE VA KERRVILLE RESIDENT ENGINEER. REFERENCE SECTIONS 01 35 26, 01 74 19, AND 02 41 00 FOR ADDITIONAL REQUIREMENTS.

8. DUST CONTROL MEASURES:
THE CONTRACTOR SHALL VERIFY THAT DUST WILL NOT BE INTRODUCED INTO THE MEDICAL CENTER THROUGH INTAKE VENTS OR BUILDING OPENINGS. HEPA FILTRATION ON INTAKE VENTS ARE REQUIRED WHERE DUST MAY BE INTRODUCED. DUST CREATED FROM ISTURBANCE OF SOIL SUCH AS FROM VEHICLE MOVEMENT SHALL BE WETTED WITH USE OF A WATER TRUCK AS NECESSARY.

9. SECURITY:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF THE CONSTRUCTION SITE(S) DURING DEMOLITION ACTIVITIES AND UNTIL SUBSTANTIAL COMPLETION OF THE PROJECT. REFERENCE SECTION 01 00 00 FOR ADDITIONAL REQUIREMENTS.

10. LIFT & CRANE LIFT PLANS:
THE CONTRACTOR SHALL SUBMIT A CRANE LIFT PLAN FOR REVIEW BY THE VA NO LATER THAN FOURTEEN (14) DAYS BEFORE THE LIFT ACTIVITY IS SCHEDULED TO TAKE PLACE. THE VA RESIDENT ENGINEER WILL REVIEW THE LIFT PLAN(S) WITHIN SEVEN (7) DAYS OF RECEIVING IT FROM THE CONTRACTOR. THE LIFT ACTIVITIES SHALL NOT OCCUR UNLESS THE LIFT PLAN HAS BEEN APPROVED BY THE VA'S REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBILE FOR SUBMITTING A COMPREHENSIVE LIFT PLAN WHICH SHALL INCLUDE, BUT IS NOT LIMITED TO, THE EGRESS AND INGRESS ROUTE PLAN, COORDINATION WITH THE ON-SITE VA SAFETY PERSONNEL, STAGING OF PERSONNEL AND EQUIPMENT, COORDINATION WITH THE ON-SITE VA POLICE FOR COORDINATED RESTRICTED ROAD ACCESS, AND TRUCK/CRANE CLEARANCES TO TELEPHONE LINES, ALL UTILITIES, ETC. REFERENCE SECTION 01 35 26 FOR ADDITIONAL REQUIREMENTS.

VA LOCAL STATION POC: BRIAN ANDERSON (EXT. 30-2105, 30-2786, 361.905.3247; BRIAN.ANDERSON2@VA.GOV)

11. FAMILIARIZATION:
PRIOR TO BIDDING, THE CONTRACTOR, SUBCONTRACTORS, AND INSTALLERS SHALL VISIT THE JOB SITE TO BECOME FAMILIARIZED WITH THE EXISTING CONDITIONS AND TO VERIFY LOCATIONS, SIZES, AND QUANTITIES OF EXISTING UTILITIES, SYSTEMS, ETC. SUBMITTAL OF A BID SHALL SIGNIFY WILLINGNESS TO COMPLY WITH THE CONSTRUCTION DOCUMENTS AND ACCEPTANCE OF ON-SITE CONDITIONS AS THEY EXIST.

GENERAL NOTES - CONT.

12. COORDINATION:
THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION ACTIVITY AND INTERTRADE INSTALLATION COORDINATION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND COMMUNICATION BETWEEN ALL TRADES SUCH THAT THE DEMOLITION AND INSTALLATIONS ON THIS PROJECT MAY BE CARRIED OUT SMOOTHLY, WITHOUT INTERFERING WITH OR DELAYING WORK UNDER THIS CONTRACT. COORDINATE THE PURCHASE, FABRICATION, DELIVERY, AND PERFORMANCE OF THE WORK OF THIS CONTRACT WITH WORK PERFORMED UNDER SEPARATE CONTRACTS TO AVOID DELAYING THE CONSTRUCTION WORK. A COMPREHENSIVE LIST OF SUBCONTRACTORS WITH POC LIST IS DUE TO THE VA RESIDENT ENGINEER BEFORE THE START OF CONSTRUCTION.

13. OUTAGES:
DO NOT INTERRUPT UTILITIES SERVICING FACILITIES OCCUPOED BY THE GOVERNMENT OR OTHERS UNLESS PERMITTED BY THE GOVERNMENT. COORDINATE UTILITY OUTAGES WITH VA ENGINEERING SERVICES NO LESS THAN FOURTEEN (14) DAYS IN ADVANCE.

14. PROTECTION:
MAINTAIN THE EXISTING BUILDING IN A WEATHERTIGHT CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. REPAIR DAMAGE CAUSED BY CONSTRUCTION OPERATIONS. PROTECT THE BUILDINGS AND OCCUPANTS DURING THE CONSTRUCTION PERIOD.

15. SCALE:
THE DRAWINGS ARE DIAGRAMMATIC ONLY AND SHALL NOT BE SCALED. NOT ALL ITEMS CAN BE SHOWN. THE CONTRACTOR SHALL FURNISH AND INSTALL COMPENENTS, EQUIPMENT, APPURTENANCES, ETC. AS REQUIRED FOR A COMPLETE, FUNCTIONAL, AND CODE-COMPLIANT SYSTEM.

16. SALVAGED MATERIALS:
WASTE DISPOSAL IN LANDFILLS SHALL BE MINIMIZED TO THE GREATEST EXTENT POSSIBLE. OF THE INEVITABLE WASTE THAT IS GENERATED, AS MUCH OF THE WATER MATERIAL AS ECONOMICALLY FEASIBLE SHALL BE SALVAGED, RECYCLED, OR REOUSED. THE CONTRACTOR SHALL SUBMIT A REPORT THAT INCLUDES LISTINGS OF EACH MATERIAL AND QUANTITY TO BE SALVAGED, RE-USED, OR RECYCLED. REFERENCE SECTION 01 74 19 FOR ADDITIONAL REQUIREMENTS. RE-USE OF MATERIALS SHALL BE APPROVED BY THE VA RESIDENT ENGINEER.

17. RECYCLING MATERIALS:
THE GENERAL CONTRACTOR SHALL FILL OUT THE VA RECYCLING FORM AND SUBMIT TO THE RESIDENT ENGINEER FOR REVIEW. THE RESIDENT ENGINEER WILL PROVIDE THIS FORM UPON REQUEST.

18. INTERRELATION BETWEEN THE DRAWINGS AND THE SPECIFICATIONS:
IN GENERAL, THE DRAWINGS INDICATE LOCATIONS, QUANTITIES, AND CAPACITIES AND THE SPECIFICATIONS INDICATE QUALITY, OPTIONS, WARRANTIES, AND COMPLIANCE STANDARDS. IN THE EVEN THERE IS A CONFLICT BETWEEN THE SPECIFICATIONS AND THE DRAWINGS, THE GREATER QUALITY OR QUANTITY SHALL BE REQUIRED. IN ALL CASES, THE ENGINEER OF RECORD SHALL BE THE INTERPRETER OF THE DOCUMENTS.

19. INTERRELATION BETWEEN THE DRAWINGS:
IN THE EVENT OF A CONFLICT BETWEEN A DETAIL AND A FLOOR PLAN, THE LARGER SIZE, QUANTITY, LENGTH, OR OPTIONS SHALL BE REQUIRED. IN THE EVENT OF A CONFLICT BETWEEN WHAT IS SHOWN ON THE FLOOR PLAN AND A KEYED NOTE, THE KEYED NOTE SHALL GOVERN. IN ALL CASES, THE ENGINEER OF RECORD SHALL BE THE INTERPRETER OR THE DOCUMENTS.

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD
A/E:
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KENT, WA 98032
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STAMP
1/22/2026

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: VA POC INFORMATION, GENERAL NOTES - CONSTRUCTION
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
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Issue Date: 11/21/2025
Checked: KG / EM
Drawn: CO
Project Number: 671A4-21-700
Building Number:
Drawing Number: G-002
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GENERAL NOTES

1. ALL IMPROVEMENTS SHOWN ON THESE ENGINEERING PLANS SHALL COMPLY WITH THE ***CITY OF KERRVILLE*** DESIGN AND STANDARD SPECIFICATIONS, LATEST EDITION, AND THE STANDARDS OF THE ***TEXAS*** COMMISSION ON ENVIRONMENTAL QUALITY, LATEST EDITION.
2. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS, RECORDS, AND FIELD INVESTIGATION. THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO.
3. ALL DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE PROPERLY DISPOSED OF OFF-SITE UNLESS NOTED.
4. THE CONTRACTOR SHALL EXERCISE PROPER CAUTION TO PROTECT THE EXISTING IMPROVEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE.
5. CLEANUP AND FINAL INSPECTION. WORK BROKEN OR DAMAGED BY CONTRACTOR ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. ALL WASTE MATERIAL, CONCRETE WASHOUT, LANDSCAPE WASTE AND BUILDING MATERIAL SHALL BE REMOVED. SOIL SHALL BE REMOVED FROM PAVED AREAS AND THE PROJECT SHALL BE LEFT IN A CLEAN AND WORKMANLIKE MANNER.
6. IF SURPLUS SOIL NEEDS TO BE REMOVED FROM SITE, SOIL SHALL BE CONSIDERED CONTAMINATED AND TREATED AS SUCH PER SPECIFICATION 31 20 11. CONTRACTOR SHALL PROPOSED A STORAGE AREA ON SITE, WITHIN PROJECT BOUNDARIES, FOR VA REVIEW AND APPROVAL. SURPLUS SOILS CAN BE USED AS BACKFILL IF THE VA GEMS AND/OR COR APPROVE, AFTER REVIEW OF PROPOSED WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PICK A PERMITTED LOCATION FOR SOIL STORAGE AND ASSUME ALL COSTS FOR SOIL DISPOSAL.
7. EXISTING LINEWORK BASED ON PUBLIC GIS DATA DATED 2019 CIVIL SURVEY DATED 12/15/2022 .

GRADING NOTES

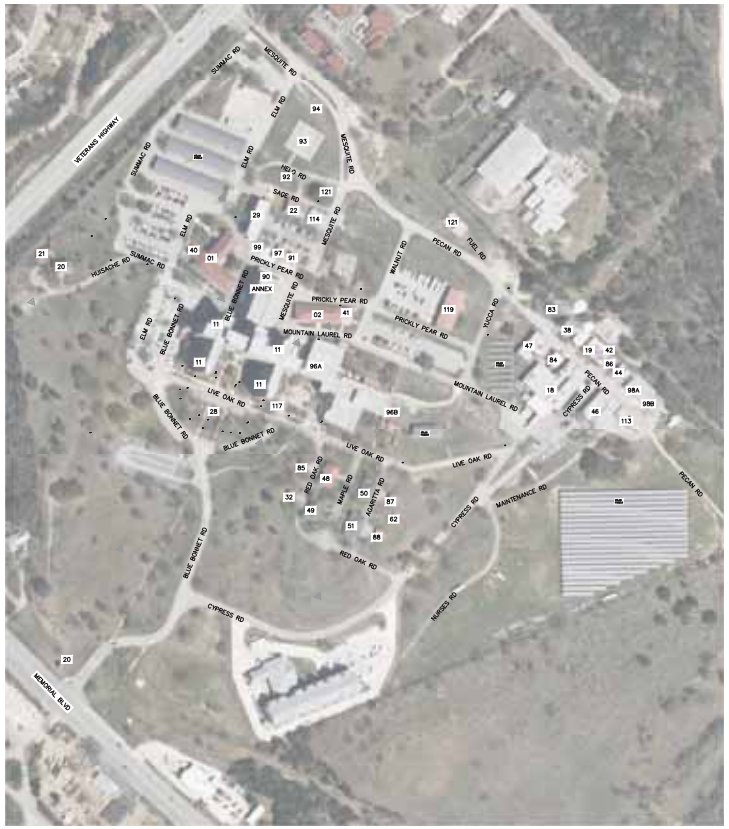
1. ALL ELEVATIONS SHOWN ARE TO FLOWLINE FINISHED GRADE OR TOP OF PAVEMENT UNLESS OTHERWISE STATED.
2. PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREAS. DO NOT ALLOW WATER TO POND ON PROPERTY.
3. PRIOR TO PLACEMENT OF ANY FILL, THE STRIPPED SITE SHALL BE SCARIFIED TO A DEPTH OF 9 INCHES AND RE-COMPACTED TO 95% DENSITY. ANY UNSUITABLE SOILS FOUND AT THIS TIME SHALL BE DRIED AND RECOMPACTED OR REMOVED IF REQUIRED COMPACTION CANNOT BE OBTAINED. CUT AREAS SHALL ALSO BE SCARIFIED TO A DEPTH OF 9 INCHES AND RE-COMPACTED TO 95% DENSITY.
4. ALL FILL MATERIAL SHALL CONSIST OF APPROVED, SUITABLE SOILS PLACED IN LOOSE LIFTS OF 9 INCHES OR LESS AND COMPACTED TO AT LEAST 95% OF THE MATERIAL'S MAXIMUM STANDARD PROCTOR DRY DENSITY (ASTM D-698) IN ALL PAVEMENT AND BUILDING ADDITIONS. THE COMPACTION WILL BE FIELD TESTED BY A SOILS ENGINEERING CONSULTANT REPRESENTING THE OWNER.
5. PROJECT WILL BE COVERED BY A GENERAL PERMIT REGULATING RUNOFF FROM CONSTRUCTION SITES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM THE REQUIRED MONITORING, INSPECTION AND MAINTENANCE AS REQUIRED BY THE PERMIT.
6. ALL DISTURBED EMBANKMENTS GREATER THAN 3:1 SLOPES SHALL BE SEEDED ACCORDING TO A RECOMMENDED SEEDING MIX BY THE LANDSCAPER AND COVERED WITH EROSION CONTROL BLANKETS OR AS DIRECTED BY PLAN DOCUMENTS.
7. CONTRACTOR SHALL ADHERE TO THE ***CITY OF KERRVILLE*** DRAINAGE DESIGN MANUAL AND THE STATE OF ***TEXAS*** CONSTRUCTION STORMWATER MANAGEMENT PROGRAM.
8. ALL AREAS TO BE GREENSPACE AT PROJECT COMPLETION SHALL BE LEFT WITH 6 INCHES OF TOPSOIL WHEN MASS GRADING ACTIVITIES ARE COMPLETE.

EROSION CONTROL NOTES

1. EROSION CONTROL SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS WHERE POSSIBLE.
2. CONSTRUCTION ENTRANCE SHALL BE MAINTAINED TO PREVENT OFF-SITE TRACKING OF SEDIMENT ONTO PUBLIC ROADWAYS. ANY SEDIMENT DEPOSITED ON PUBLIC ROADS SHALL BE REMOVED BY SHOVELING OR STREET CLEANING BEFORE THE END OF EACH WORKING DAY.
3. SHOWN LOCATION OF SILTATION CONTROL IS APPROXIMATE. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION.
4. WATER PUMPED DURING CONSTRUCTION OPERATIONS SHALL BE FILTERED.
5. ONCE CONSTRUCTION HAS BEEN COMPLETED, OR TEMPORARILY SUSPENDED FOR LONGER THAN 14 DAYS (SUCH AS WINTER SHUTDOWN), THE CONTRACTOR SHALL INITIATE SEEDING ON ALL AREAS DISTURBED IMMEDIATELY OF THE LAST DISTURBANCE. EROSION CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE CONTRACTOR ESTABLISHES A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY TO THE SATISFACTION OF THE ENGINEER.
6. CONTRACTOR SHALL ADHERE TO THE ***TEXAS*** CONSTRUCTION STORMWATER MANAGEMENT PROGRAM.
7. ALL EROSION CONTROL MEASURES MUST BE INSTALLED (WHERE POSSIBLE) PRIOR TO THE COMMENCEMENT OF ANY EARTH DISTURBING OPERATIONS. THE REMAINING EROSION CONTROL MEASURES SHALL BE INSTALLED AS SOON AS REASONABLY POSSIBLE AFTER GRADING OPERATIONS BEGIN. WHERE THE PRESENCE OF SILT FENCE WILL INTERFERE WITH ACTIVITIES, DIVERSION DITCHES AND SMALL TEMPORARY SEDIMENT TRAPS SHALL BE UTILIZED UNTIL SILT FENCE OR OTHER MEASURES MAY BE INSTALLED AND VEGETATION ESTABLISHED.
8. EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH PRECIPITATION EVENT AND REPLACED OR REPAIRED AS NECESSARY.
9. SILT FENCE AND SEDIMENT BASIN SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO WITHIN ONE HALF CAPACITY OF THE TOP OF THE SILT FENCE.
10. PROJECT WILL BE COVERED BY A GENERAL PERMIT REGULATING RUNOFF FROM CONSTRUCTION SITES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM THE REQUIRED MONITORING, INSPECTION AND MAINTENANCE AS REQUIRED BY THE PERMIT.
11. CONCRETE WASHOUT DEBRIS SHOULD BE HAULED OFF-SITE. WASHOUT SHOULD BE FILLED IN AND SEEDED.
12. ALL AREAS DISTURBED BEYOND LIMITS SHOWN SHOULD BE SEEDED WITH ADJACENT SEED MIXTURE OR IN-KIND.

UTILITY NOTES

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL EXISTING UTILITIES AND PAVED STREETS, INCLUDING ANY NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IF ANY CONFLICTS WITH THE DRAWINGS OCCUR. ANY DAMAGE TO EXISTING UTILITIES AND/OR PAVED STREETS CAUSED BY TRENCHING AND GRADING OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. EXISTING UTILITY LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE.
2. ALL EXISTING UNDERGROUND UTILITIES SHOWN WERE LOCATED PARTIALLY IN THE FIELD AND PARTIALLY FROM REVIEW OF EXISTING PUBLIC RECORDS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT EACH UTILITY COMPANY FOR THE FIELD LOCATION OF THEIR EXISTING LINES IN OR NEARBY THE CONSTRUCTION AREA PRIOR TO BEGINNING ANY CONSTRUCTION. CONTRACTOR IS REQUIRED TO PROVIDE GROUND PENETRATING RADAR SURVEY WITHIN 10 FEET OF ALL NEW PROPOSED UNDERGROUND UTILITY ROUTES (20 FEET WIDE SURVEY FOR ALL NEW ROUTES). CONTRACTOR IS RESPONSIBLE TO PROVIDE POTHOLING AT ALL LOCATIONS WHERE A NEW UNDERGROUND UTILITY WILL CROSS AN EXISTING UNDERGROUND UTILITY IDENTIFIED BY THE GROUND PENETRATING RADAR PROVIDED BY CONTRACTOR.
3. CONTRACTOR IS RESPONSIBLE FOR PUBLIC AND PRIVATE UTILITY LOCATES.
4. THE CONTRACTOR SHALL EXERCISE PROPER CAUTION TO PROTECT THE EXISTING IMPROVEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE.
5. THE LOCATIONS OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITY MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
6. UTILITY PIPING, ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE PIPE MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION METHODS INCLUDING BACKFILL MATERIAL AND MATERIAL DEPTHS. PIPE MATERIAL SHALL BE AS SPECIFIED ON THE PLANS. ALL MATERIAL SHALL MEET THE REQUIREMENTS OF THE LOCAL JURISDICTION FOR STRENGTH, MATERIAL TYPE AND CONFORMITY WITH THE EXISTING SYSTEM. SEWER LINES SHALL BE CONSTRUCTED STRAIGHT TO THE SPECIFIED LINE AND GRADES. MANHOLES, STORM INLETS, VALVE BOXES AND APPURTENANCES SHALL BE ADJUSTED TO GRADE OR PER PLAN PRIOR TO SEEDING/LANDSCAPING ACTIVITIES.



SITE CONTROL
SCALE: 1" = 150'

IMEG CORP. HAS ADOPTED SAFETY PROCEDURES FOR ITS EMPLOYEES WHO PROVIDE PROFESSIONAL ENGINEERING AND SURVEYING SERVICES. A COPY OF THESE PROCEDURES IS AVAILABLE FROM THE SAFETY OFFICER. IMEG CORP. PERSONNEL ARE NOT TRAINED IN CONTRACTOR (CONSTRUCTION) SAFETY AND COMPLIANCE PROCEDURES. THE METHODS AND MEANS TO COMPLY WITH CONSTRUCTION SITE SAFETY ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

INDEX OF SHEETS

CIVIL NOTES	CJ100
EXISTING CONDITIONS AND DEMOLITION PLAN	CD100
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PLAN AND PROFILE - FOC 1 & FOC 2	CU101
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CIVIL DETAILS	CK100

Know what's **below.**
Call before you dig.

FLARED END SECTION
DOWNSPOUT
SANITARY MANHOLE
SANITARY/STORM CLEANOUT
UNKNOWN MANHOLE
WATER VALVE
HYDRANT
WELL
SPRINKLER BOX
WATER METER
WATER SERVICE
POWER POLE
POWER POLE W/ LIGHT
POWER POLE W/ METER
GUY WIRE
GUY POLE
ELECTRIC MANHOLE
ELECTRIC PEDESTAL/TRANSFORMER
ELECTRIC METER
TELEPHONE POLE
TELEPHONE MANHOLE
TELEPHONE PEDESTAL
UTILITY MANHOLE
HANDHOLE
GAS VALVE
LIGHT POLE
VAPOR LIGHT
LIGHT JUNCTION BOX
SIGN
FLAGPOLE
POST/BOLLARD
CONIFER TREE
DECIDUOUS TREE
BUSH/SHRUB
TREE STUMP
CONTROL POINT
BENCHMARK
SOIL BORING HOLE
R.O.W. MARKER, FOUND
RAILROAD SPIKE, FOUND
PIPE, FOUND
CONCRETE MONUMENT, FOUND
100.00' MEASURED DIMENSION
(100.00') RECORDED DIMENSION
×100.00 SPOT ELEVATION
TC=100.00 FL=100.00 GRADE LABEL
1.0% DRAINAGE SLOPE
LINE CONTINUATION
BUILDINGS IN SCOPE
REMOVAL LIMITS
SIDEWALK HATCH
PAVEMENT HATCH
SURVEY BOUNDARY
PROPERTY LINE
CENTERLINE
HISTORICAL LINE - AS NOTED
EASEMENT LINE
SECTION LINE
R.O.W. LINE
SETBACK LINE
FORCE MAIN
SANITARY SEWER
STORM SEWER
PIPE UNDERDRAIN
WATER LINE
OVERHEAD ELECTRIC
UNDERGROUND ELECTRIC
TELEPHONE LINE
UTILITY LINE
EDGE OF WATER LINE/DITCH FLOWLINE
CHAIN LINK FENCE
SILT FENCE
CONTOUR
GUARD RAIL
TREE LINE
FLOOD PLAIN
FLOODWAY
CONSTRUCTION LIMITS

Revisions: Date:

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RAY SPEES
SPEESDESIGNBUILD

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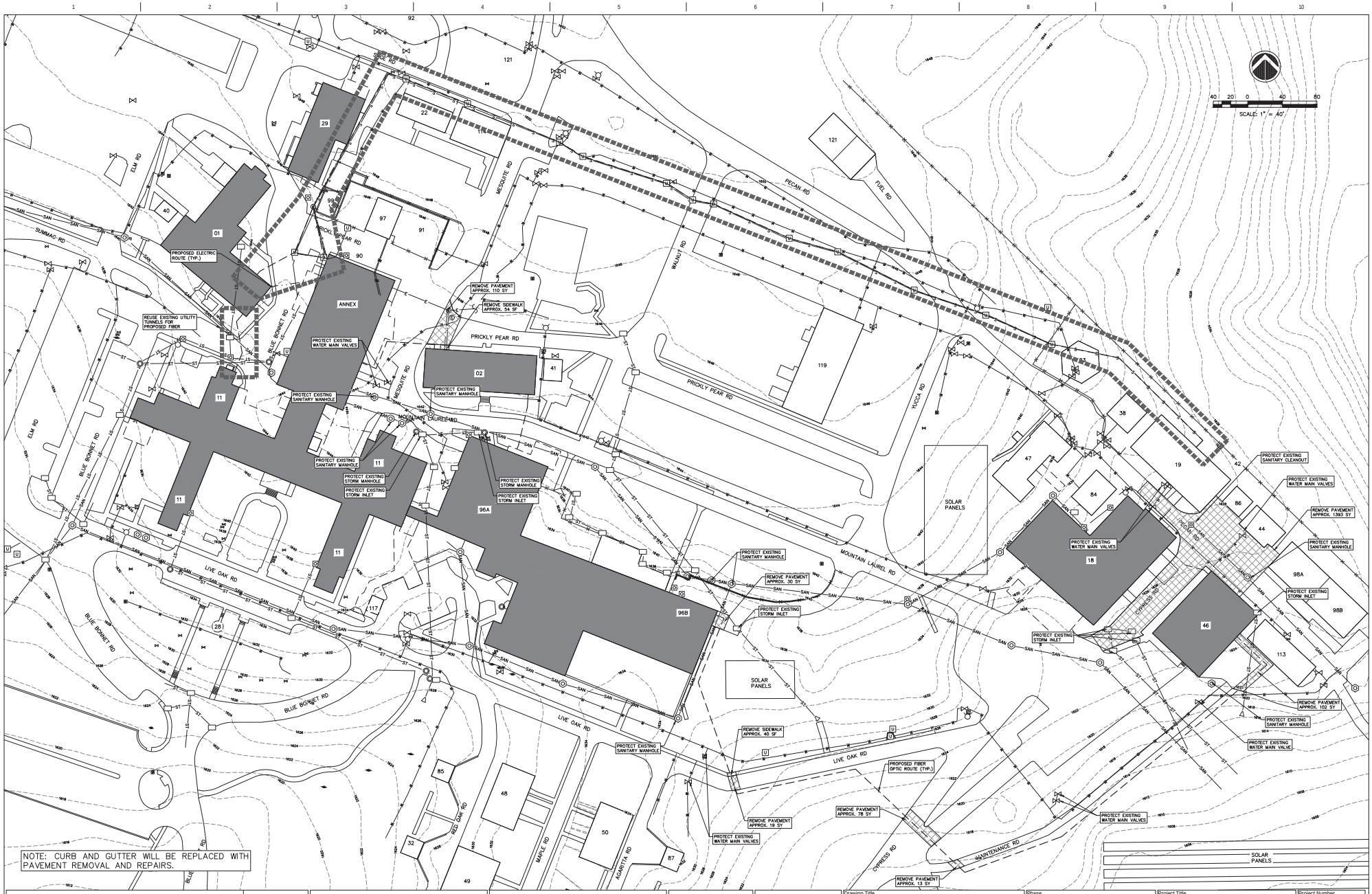
LINNEA K. SHAW 062-074863 STATE OF ILLINOIS
1/22/26

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: CIVIL NOTES
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: VA TX KERRVILLE EHRM INFRASTRUCTURE
Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville Texas 78028
Issue Date: 11/21/2025
Checked: LKS
Drawn: PTD
Project Number: 671A4-21-700
Building Number: -
Drawing Number: CJ100
4 of 339

VA FORM 08-4231



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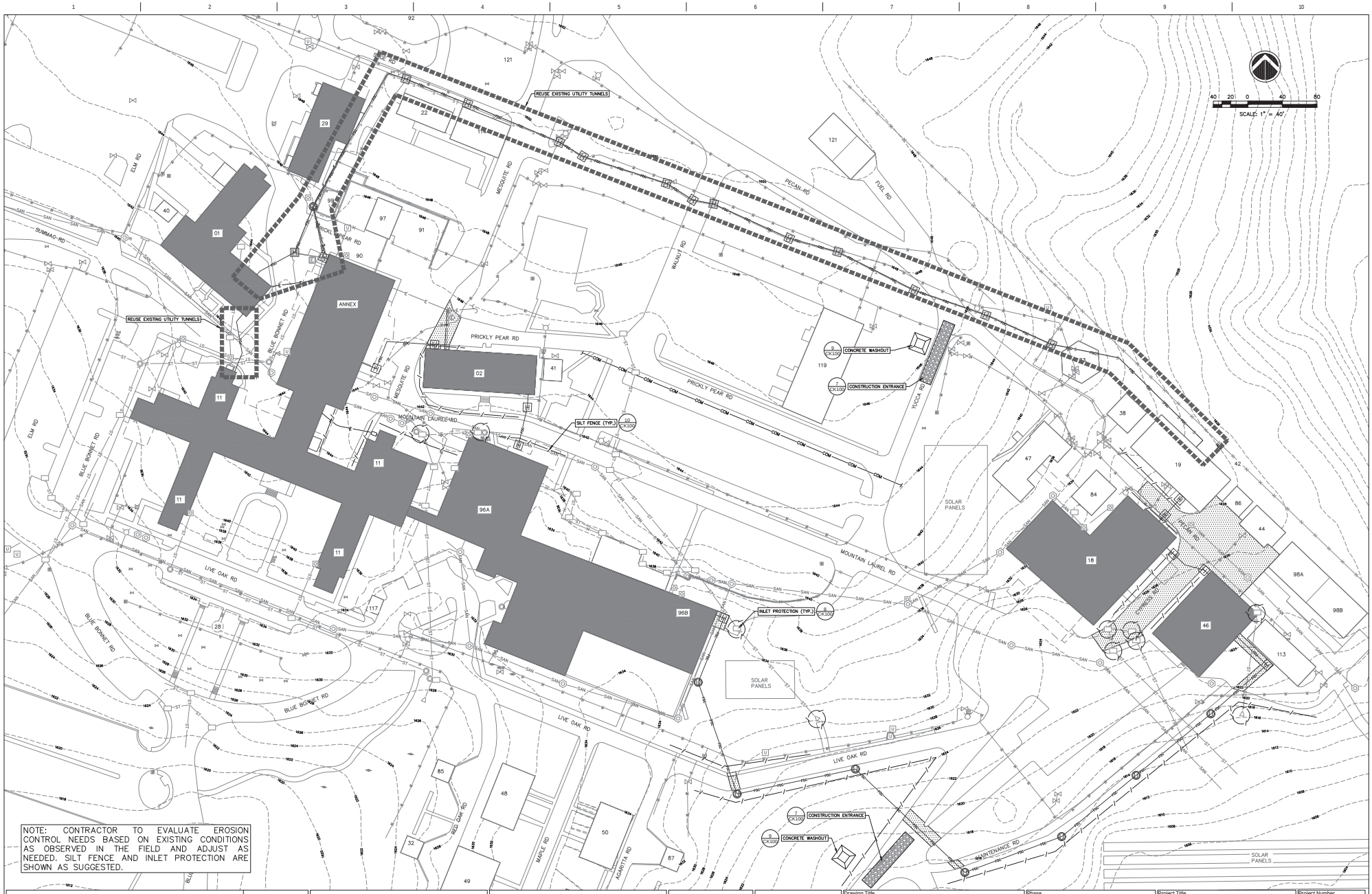
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
EXISTING CONDITIONS AND DEMOLITION PLAN	100% CONSTRUCTION DOCUMENTS	VA TX KERRVILLE EHRM INFRASTRUCTURE	671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville Texas 78208	Drawing Number: CD100
		Issue Date: 11/21/2025 · Checked: LKS · Drawn: PTD	5 of 339

VA FORM 08-0231



NOTE: CONTRACTOR TO EVALUATE EROSION CONTROL NEEDS BASED ON EXISTING CONDITIONS AS OBSERVED IN THE FIELD AND ADJUST AS NEEDED. SILT FENCE AND INLET PROTECTION ARE SHOWN AS SUGGESTED.

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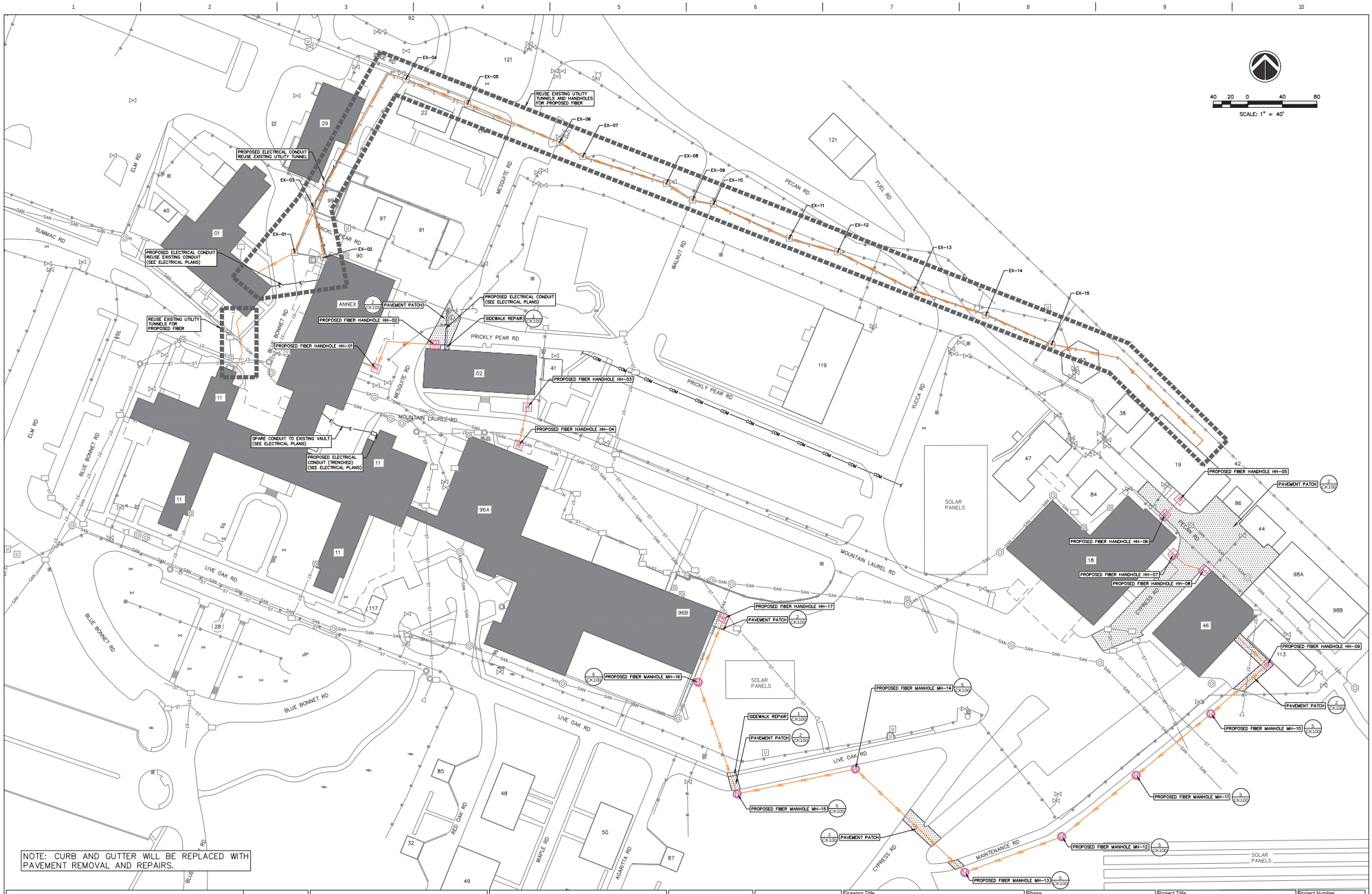
U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
EROSION CONTROL PLAN	100% CONSTRUCTION DOCUMENTS	VA TX KERRVILLE EHRM INFRASTRUCTURE	671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville Texas 78208	Drawing Number: CG100
		Issue Date: 11/21/2025 · Checked: LKS · Drawn: PTD	6 of 339

VA FORM 08-0231



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Drawing Title	Phase	Project Title	Project Number
OVERALL UTILITY PLAN	100% CONSTRUCTION DOCUMENTS	VA TX KERRVILLE EHRM INFRASTRUCTURE	671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville Texas 78208	Drawing Number: CU100
		Issue Date: 11/21/2025 · Checked: LKS · Drawn: PTD	7 of 339

VA FORM 08-0231

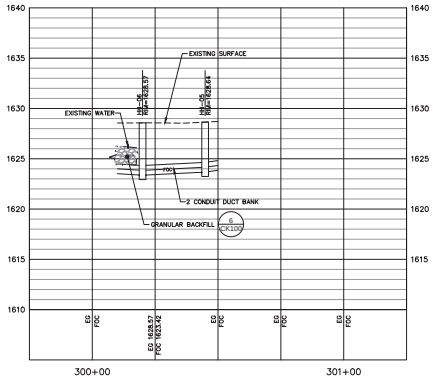
PLAN AND PROFILE - FOC 1

SCALE: 1" = 20'

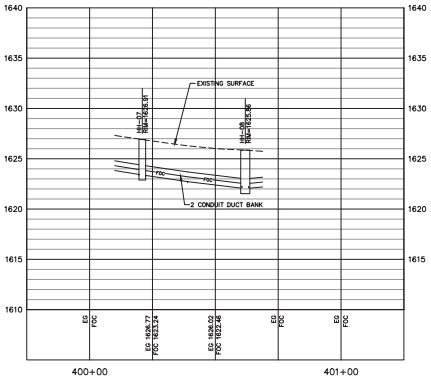
PLAN AND PROFILE - FOC 2

SCALE: 1" = 20'

PROFILE VIEW OF 23001093.00-FOC-18_19
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



PROFILE VIEW OF 23001093.00-FOC-18_46
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



NOTE: ALL UTILITY DEPTHS ARE APPROXIMATE AND SHOULD BE VERIFIED BY CONTRACTOR USING GROUND PENETRATING RADAR AND POTHOLING.

Revisions:	Date:

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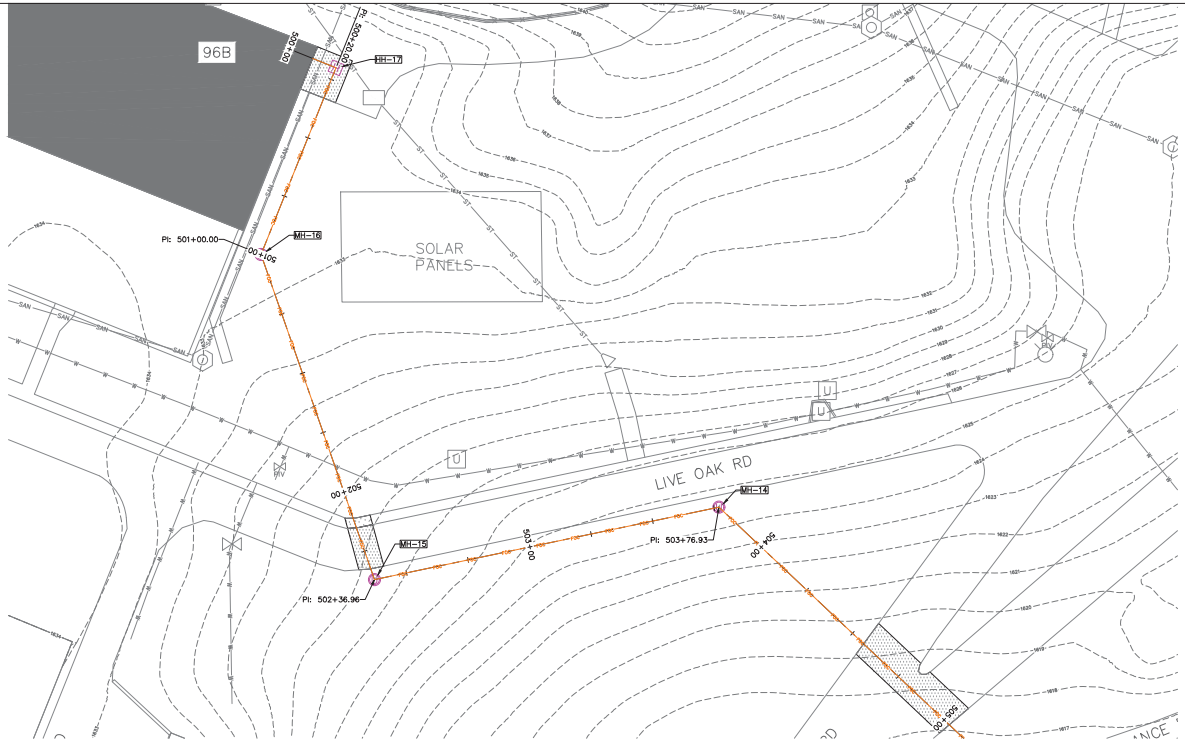
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
PLAN AND PROFILE - FOC 1 & FOC 2	100% CONSTRUCTION DOCUMENTS	VA TX KERRVILLE EHRM INFRASTRUCTURE	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville Texas 78208	Building Number: -
		Issue Date: 11/21/2025 · Checked: LKS · Drawn: PTD	Drawing Number: CU101

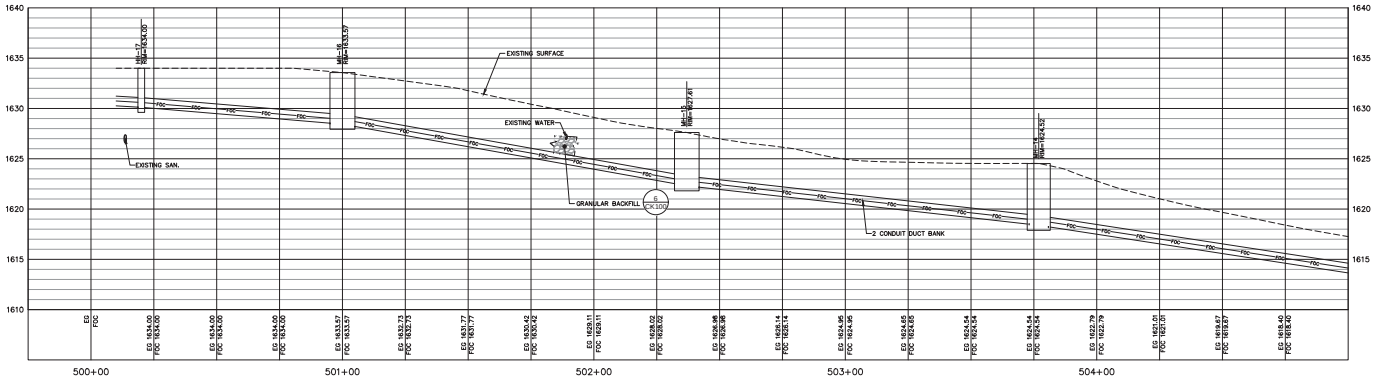
VA FORM 08-4231



PLAN AND PROFILE - FOC 3

SCALE: 1" = 20'

PROFILE VIEW OF 23001093.00-FOC-96B_46
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



NOTE: ALL UTILITY DEPTHS ARE APPROXIMATE AND SHOULD BE VERIFIED BY CONTRACTOR USING GROUND PENETRATING RADAR AND POTHOLING.

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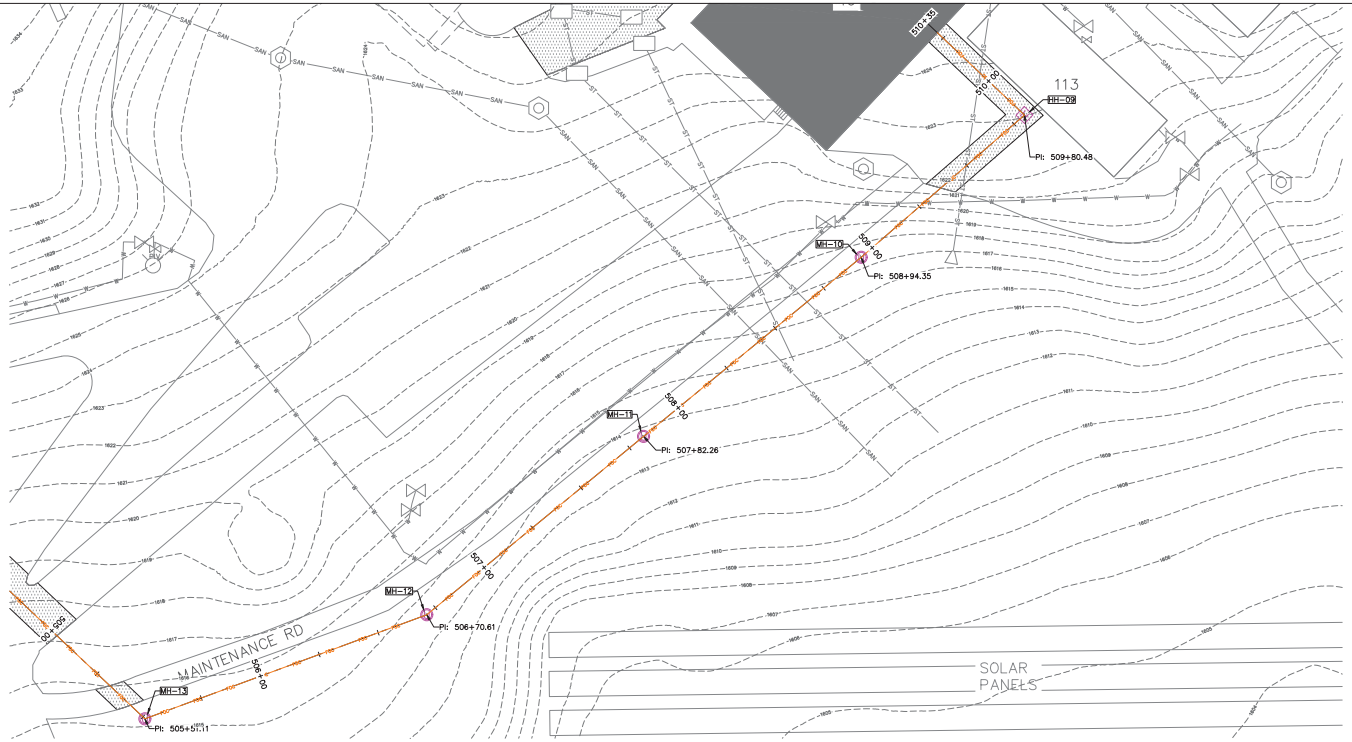
U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
PLAN AND PROFILE - FOC 3	100% CONSTRUCTION DOCUMENTS	VA TX KERRVILLE EHRM INFRASTRUCTURE	671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville Texas 78208	Drawing Number: CU102
		Issue Date: 11/21/2025 · Checked: LKS · Drawn: PTD	9 of 339

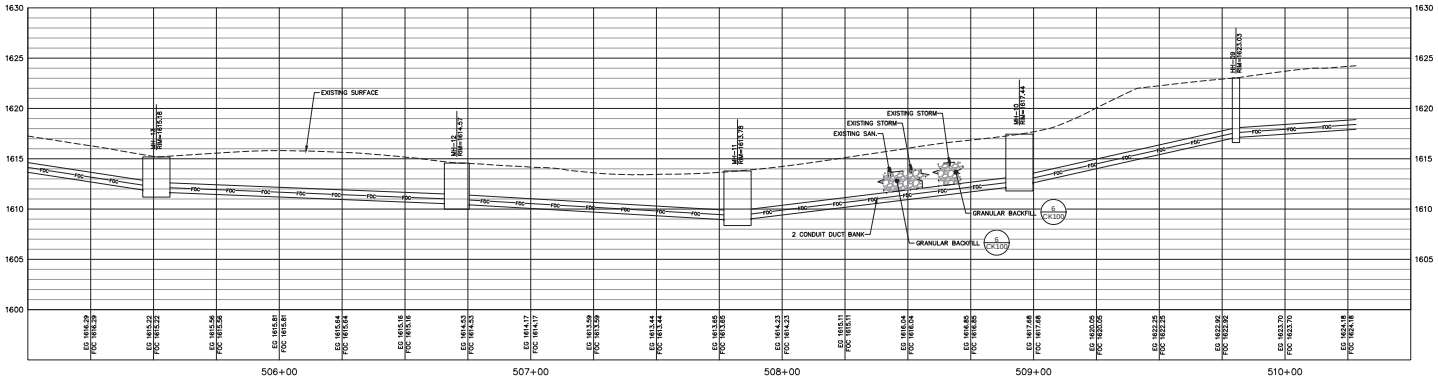
VA FORM 08-0231



PLAN AND PROFILE - FOC 3

SCALE: 1" = 20'

PROFILE VIEW OF 23001093.00-FOC-96B_46
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



NOTE: ALL UTILITY DEPTHS ARE APPROXIMATE AND SHOULD BE VERIFIED BY CONTRACTOR USING GROUND PENETRATING RADAR AND POTHOLING.

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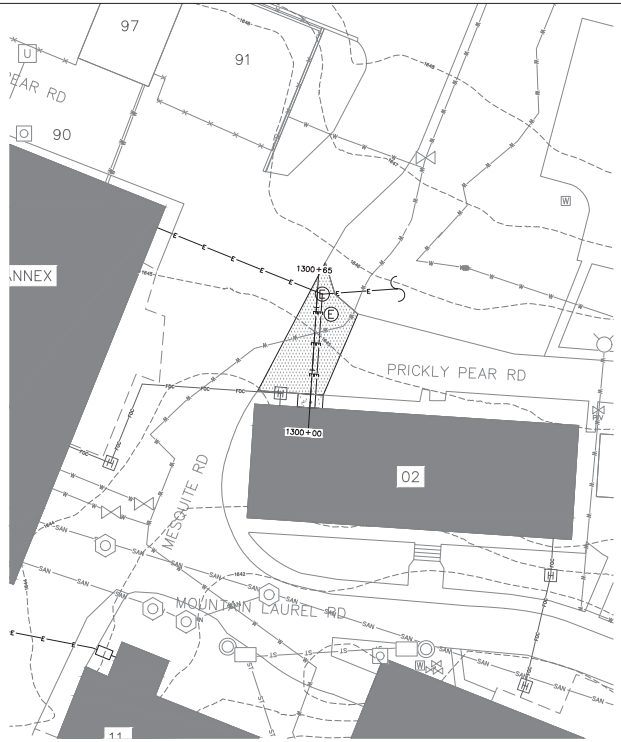
Drawing Title	Phase	Project Title	Project Number
PLAN AND PROFILE - FOC 3	100% CONSTRUCTION DOCUMENTS	VA TX KERRVILLE EHRM INFRASTRUCTURE	671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville Texas 78208	Drawing Number: CU103
		Issue Date: 11/21/2025 · Checked: LKS · Drawn: PTD	10 of 339

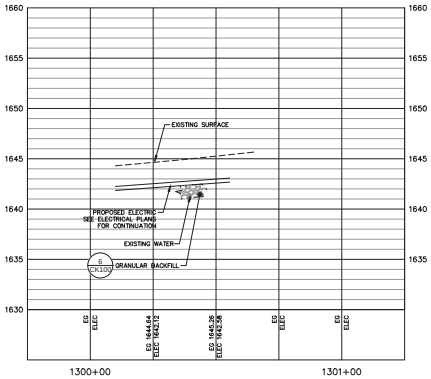
VA FORM 08-0231



PLAN AND PROFILE - ELEC

SCALE: 1" = 20'

PROFILE VIEW OF 23001093.00-ELEC-02
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



NOTE: ALL UTILITY DEPTHS ARE APPROXIMATE AND SHOULD BE VERIFIED BY CONTRACTOR USING GROUND PENETRATING RADAR AND POTHOLING.

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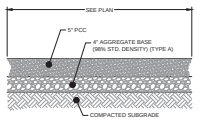
Drawing Title	Phase	Project Title	Project Number
PLAN AND PROFILE - ELEC	100% CONSTRUCTION DOCUMENTS	VA TX KERRVILLE EHRM INFRASTRUCTURE	671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville Texas 78208	Drawing Number: CU104
		Issue Date: 11/21/2025 · Checked: LKS · Drawn: PTD	11 of 339

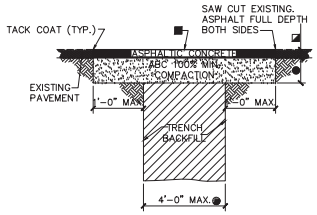
VA FORM 08-0231



1 PCC SIDEWALK DETAIL

NTS

NOTE: PCC SHOWN AS REFERENCE ONLY. CONTRACTOR CAN SUBMIT FOR APPROVED EQUAL.

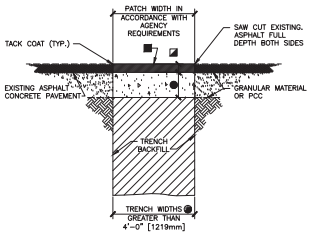


- FOR TRENCH WIDTHS EXCEEDING 4' REFER TO VA STANDARD DETAIL 32 12 16-02 "TYPE 2 UTILITY TRENCH PATCH". FOR TRENCH WHERE PORTLAND CEMENT CONCRETE (PCC) PAVEMENT EXISTS, REFER TO 32 12 16-03 "TYPE 3 UTILITY TRENCH PATCH".
- ◪ 2" MINIMUM OR THICKNESS OF EXISTING PAVEMENT WHICHEVER IS GREATER.
- ■ BITUMINOUS SURFACE TREATMENT (CHIPSEAL) REQUIRED ONLY FOR LONGITUDINAL TRENCHES WITH WIDTHS GREATER THAN 6 FEET.
- 4" MINIMUM ABC OR THICKNESS OF EXISTING GRANULAR BASE COURSE MATERIALS (E.G. ABC & SELECT MATERIAL) WHICHEVER IS GREATER.

REFER TO VA STANDARD DETAIL 32 12 16-04 "UTILITY TRENCH PAVEMENT PATCH NOTES" FOR ADDITIONAL INFORMATION.

2 TYPE 1 UTILITY TRENCH PATCH

NTS

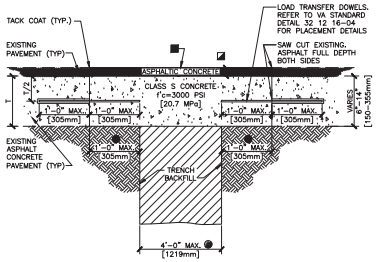


- FOR TRENCH WIDTHS 4' [1219mm] OR LESS REFER TO VA STANDARD DETAIL 32 12 16-01 "TYPE 1 UTILITY TRENCH PATCH". FOR TRENCH WHERE PORTLAND CEMENT CONCRETE (PCC) PAVEMENT EXISTS, REFER TO 32 12 16-03 "TYPE 3 UTILITY TRENCH PATCH".
- ◪ 2" [50mm] MINIMUM OR THICKNESS OF EXISTING PAVEMENT WHICHEVER IS GREATER.
- ■ BITUMINOUS SURFACE TREATMENT (CHIPSEAL) REQUIRED ONLY FOR LONGITUDINAL TRENCHES WITH WIDTHS GREATER THAN 6" [1829mm].
- 4" [100mm] MINIMUM ABC OR THICKNESS OF EXISTING GRANULAR BASE COURSE MATERIALS (E.G. ABC & SELECT MATERIAL) WHICHEVER IS GREATER. PORTLAND CEMENT CONCRETE (PCC) THICKNESS EQUAL TO EXISTING.

REFER TO VA STANDARD DETAIL 32 12 16-04 "UTILITY TRENCH PAVEMENT PATCH NOTES" FOR ADDITIONAL INFORMATION.

3 TYPE 2 UTILITY TRENCH PATCH

NTS



- FOR TRENCH WIDTHS EXCEEDING 4' [1219mm] DELETE LOAD TRANSFER DOWELS.
- ◪ 2" [50mm] MINIMUM OR THICKNESS OF EXISTING PAVEMENT WHICHEVER IS GREATER.
- ■ BITUMINOUS SURFACE TREATMENT (CHIPSEAL) REQUIRED ONLY FOR LONGITUDINAL TRENCHES WITH WIDTHS GREATER THAN 6" [1829mm].
- REFER TO NOTE 13 ON VA STANDARD DETAIL 32 12 16-04 "UTILITY TRENCH PAVEMENT PATCH NOTES".

REFER TO VA STANDARD DETAIL 32 12 16-04 "UTILITY TRENCH PAVEMENT PATCH NOTES" FOR ADDITIONAL INFORMATION.

4 TYPE 3 UTILITY TRENCH PATCH

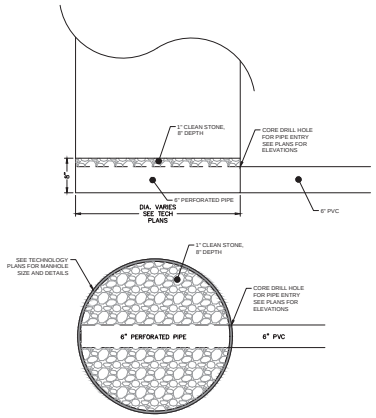
NTS

GENERAL NOTES

1. MATERIAL AND COMPACTION REQUIREMENTS FOR PIPE BEDDING/SHADING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS FOR THE APPLICABLE UTILITY PIPE.
2. TRENCH BACKFILL SHALL COMMENCE 1 FOOT [305mm] ABOVE THE TOP OF PIPE AND SHALL BE PER SECTION 312011.
3. BACKFILL COMPACTION REQUIREMENTS SHALL BE PER SECTION 312011.
4. THE 1 FOOT [305mm] TRENCH "SHOULDER" AREAS SHALL BE DELETED FOR TYPE 2 TRENCHES.
5. PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 320523.
6. ASPHALTIC TACK MATERIAL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 321216.
7. ASPHALTIC CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 321216 FOR THE TYPE SPECIFIED.
8. BITUMINOUS SURFACE TREATMENT (CHIP SEAL) SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 321216 FOR THE TYPE SPECIFIED.
9. LOAD TRANSFER DOWELS FOR JOINTS TRANSVERSE TO THE ROADWAY CENTERLINE SHALL BE SMOOTH STEEL DOWELS IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 320523. DOWELS SHALL BE SIZED AND SPACED AS FOLLOWS:

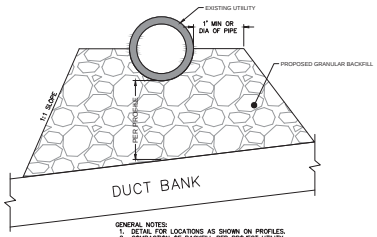
PCCP THICKNESS	DOWEL SIZE	DOWEL LENGTH	DOWEL SPACING
6" [150mm]	#5 [No. 16]	12" [305mm]	18" [455mm]
7" [180mm]	#6 [No. 19]	15" [380mm]	15" [380mm]
8" [180mm]	#8 [No. 19]	15" [380mm]	12" [305mm]
10" [180mm]	#10 [No. 19]	15" [380mm]	12" [305mm]

10. DEFORMED TIE BARS SHALL BE USED IN TRENCH PATCHES LONGITUDINAL TO THE ROADWAY CENTERLINE WHEN THE TRENCH LENGTH IS GREATER THAN 50 FEET [15240mm]. TIE BARS SHALL BE 24 INCHES [610mm] LONG. DEFORMED #4 [No. 13] BARS FOR PCCP LESS THAN 8 INCHES [205mm] THICK AND #5 [No. 16] BARS @ 8 INCHES [205mm] THICK OR MORE. TIE BARS SHALL BE PLACED 30 INCHES [760mm] CENTER-TO-CENTER.
11. HOLES SHALL BE DRILLED 1 FOOT [305mm] INTO THE EXISTING SLAB FOR TIE BARS AND 7 INCHES [180mm] FOR DOWELS. HOLES SHALL BE OF A DIAMETER SUFFICIENT TO ACCOMMODATE THE TIE BAR ANCHORAGE OR DOWEL CAP. TIE BARS SHALL BE ANCHORED WITH AN APPROVED HIGH VISCOSITY EPOXY.
12. IF THE CONCRETE SLAB REMAINING NEXT TO A LONGITUDINAL OR TRANSVERSE JOINT IS LESS THAN 6 FEET [1829mm] AT ITS NARROWEST WIDTH, REMOVE AND REPLACE THE EXISTING CONCRETE TO THE JOINT.



5 MANHOLE DRAINAGE DETAIL

NTS

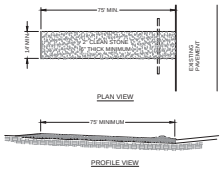


GENERAL NOTES:
1. DETAIL FOR LOCATIONS AS SHOWN ON PROFILES.
2. COMPACTION OF BACKFILL PER PROJECT UTILITY SPECIFICATIONS.

6 GRANULAR BACKFILL DETAIL

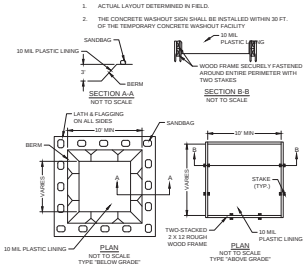
NTS

NOTES:
1. FOR TWO-WAY TRAFFIC, MINIMUM WIDTH IS 20 FEET. A MINIMUM OF 4 FEET OF WIDTH SHALL BE ADDED FOR TRAILER TRAFFIC FOR A TWO-WAY ENTRANCE.
2. ROADWAY SHALL FOLLOW THE CONTOUR OF THE NATURAL TERRAIN TO THE EXTENT POSSIBLE.



7 CONSTRUCTION ENTRANCE

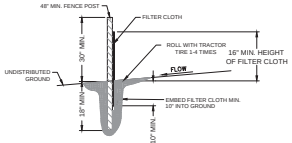
NTS



9 CONCRETE WASH MANAGEMENT

NTS

STATIC SLICE INSTALLATION

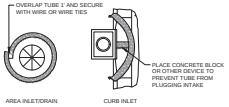


PERIMETER SEDIMENT CONTROL NOTES:

1. FENCE POST TO BE STEEL "T" OR "U" TYPE OR 2" HARDWOOD. FENCE POSTS ARE TO BE DRIVEN INTO GROUND 18" MIN. AT 10' MAXIMUM SPACING.
2. FILTER CLOTH TO BE FILTER X, MIRAFI 100X, STABILINKA T140N. CLOTH TO BE FASTENED SECURELY TO FENCE POSTS. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

8 PERIMETER SEDIMENT CONTROL DETAIL

NTS



10 FILTER TUBES USED FOR INLET PROTECTION

NTS

Revisions:	Date:

CONSULTANT

ENGINEERING DISCIPLINE:

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RAY SPEES

SPEESDESIGNBUILD

STAMP

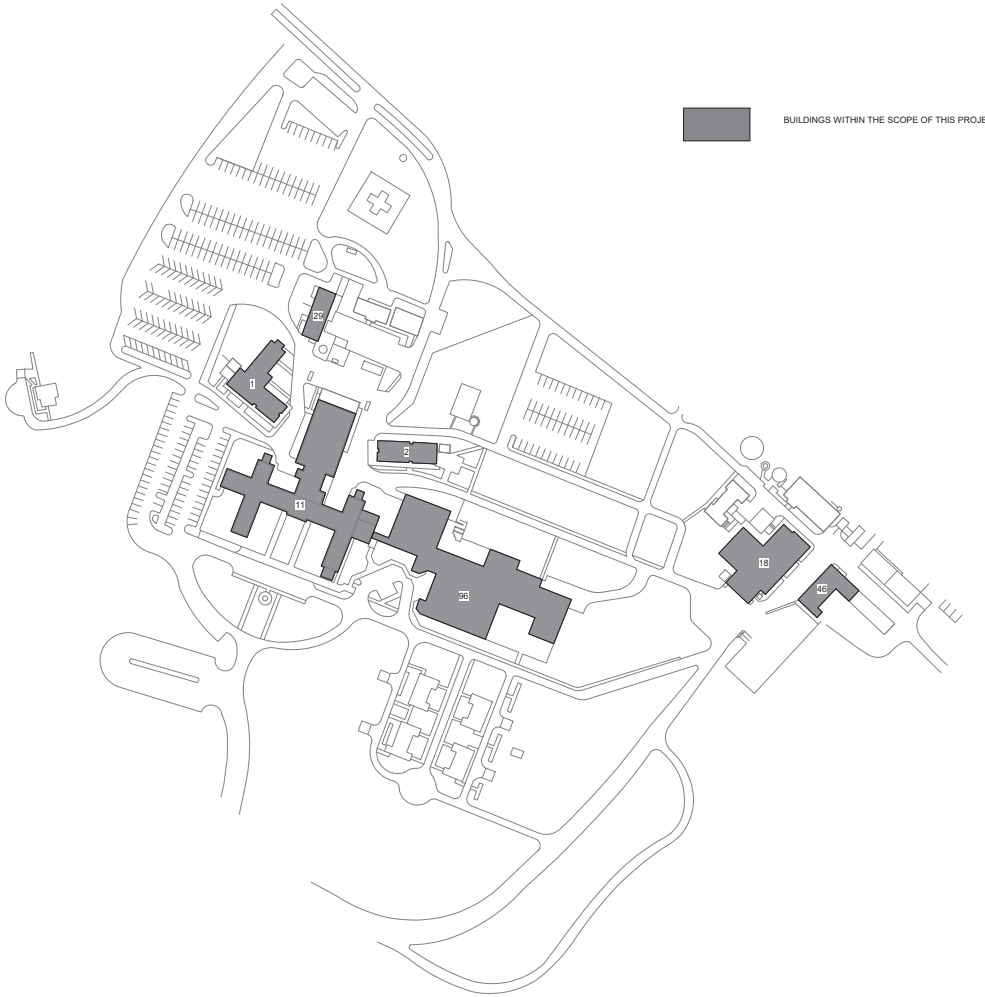
LINNEA K. SHAW 062-074863 STATE OF ILLINOIS 1/22/26

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
CIVIL DETAILS	100% CONSTRUCTION DOCUMENTS	VA TX KERRVILLE EHRM INFRASTRUCTURE	671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville Texas 78208	Drawing Number: CK100
		Issue Date: 11/21/2025; Checked: LKS; Drawn: PTD	12 of 339

VA FORM 08-0231



1 KERRVILLE CAMPUS - ENVIRONMENTAL HAZARDS
1" = 100'-0"

TRUE NORTH

HAZARDOUS MATERIAL KEYNOTES

L1 WITHIN A REGULATED AREA, REMOVE WHITE LBP STRIPES ON ASPHALT AT DUCTBANK CROSSING, 25 SF AT 1 CROSSING.

L2 WITHIN A REGULATED AREA, REMOVE YELLOW LBP STRIPES ON ASPHALT AT DUCTBANK CROSSING, 20 SF AT 1 CROSSING.

L3 WITHIN A REGULATED AREA, REMOVE RED AND/OR BLUE LBP ON CONCRETE CURBS AT DUCTBANK CROSSINGS, 20 SF WITHIN 5 CROSSINGS.

Revisions:	Date:

CONSULTANT/ DISCIPLINE

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SPEESDESIGNBUILD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: KERRVILLE CAMPUS - ENVIRONMENTAL HAZARDS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number:
		Issue Date: 11/21/2025 · Checked: CD · Drawn: OB	Drawing Number: HA-100

VA FORM 08 - 6231

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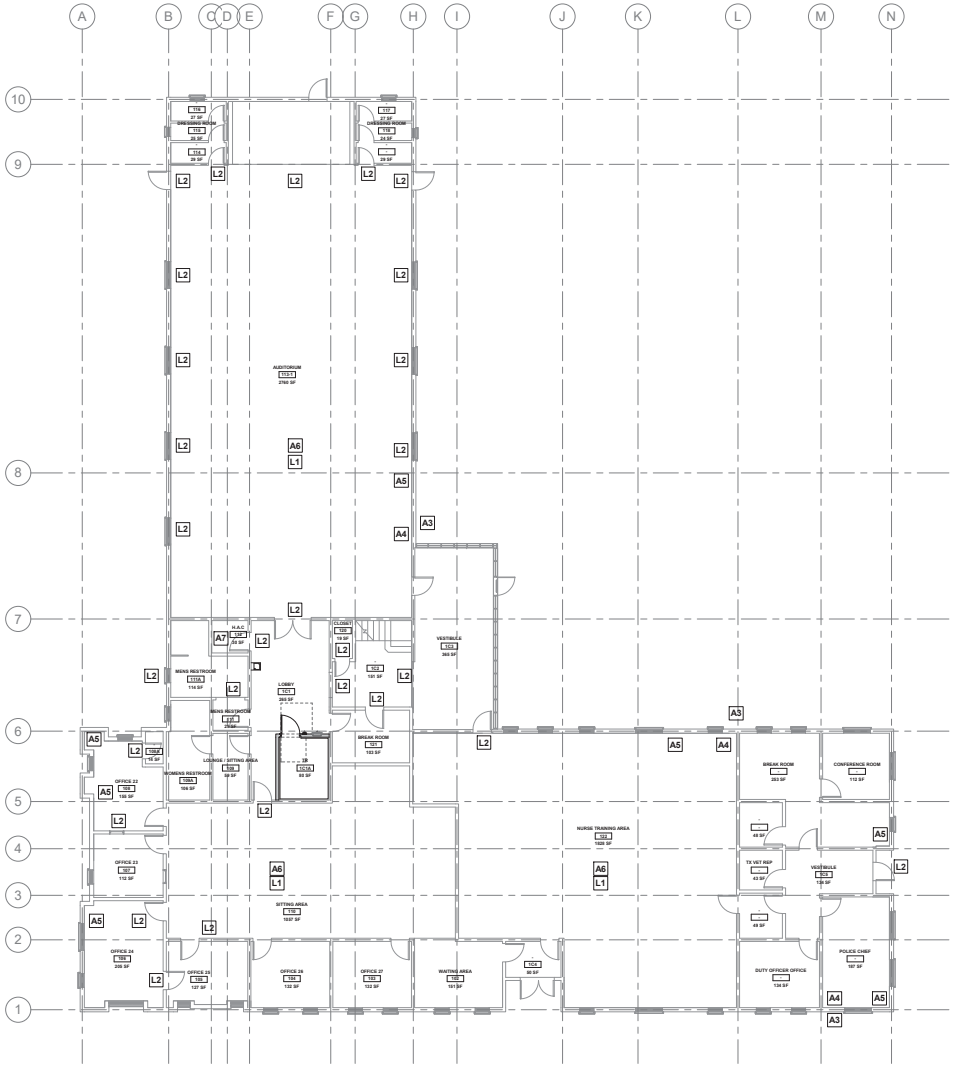


2 BLDG 001 - LVL 01 - ENVIRONMENTAL HAZARDS

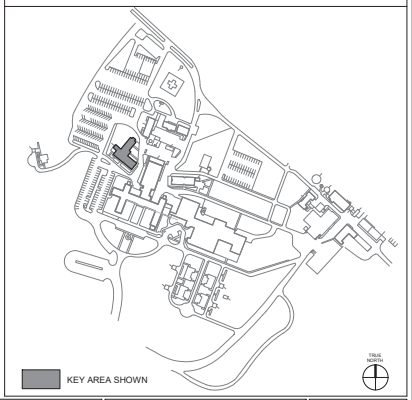
1/8" = 1'-0"

PROJECT NORTH

HAZARDOUS MATERIAL KEYNOTES

A1	DOUBLE WRAP ASBESTOS DOORS WITH 6 MIL POLY AND SEAL INTACT AND AS A WHOLE USING MANUAL MEANS WITHIN A NEGATIVE PRESSURE ENCLOSURE, 2 DOORS AND 1 NEGATIVE PRESSURE ENCLOSURE.
A2	REMOVE TWO LAYERS OF FLOOR TILE WITH UNDERLYING ASBESTOS BLACK MASTIC ON CONCRETE USING MANUAL MEANS AND CHEMICAL METHODS WITHIN EXISTING NEGATIVE PRESSURE ENCLOSURE, 131 SF EACH.
A3	EXTERIOR ASBESTOS WATER PROOFING BELOW GRADE. WITHIN A REGULATED AREA, REMOVE EXTERIOR ASBESTOS WATERPROOFING AT PENETRATION LOCATION USING MANUAL MEANS AND CHEMICAL METHODS FOR LATER PENETRATION IN ACCORDANCE WITH KEYNOTE A4, 3 LOCATIONS AT 1/2 SF EACH.
A4	ASBESTOS BLACK TAR IS TYPICALLY PRESENT WITHIN INTERIOR WALL VOID OF PERIMETER PLASTER WALLS. WITHIN A NEGATIVE PRESSURE ENCLOSURE AND USING MANUAL METHODS, PROVIDE PENETRATION THROUGH DRYWALL, PLASTER AND BLOCK WALL FOR ELECTRICAL OR COMMUNICATION PATHWAY. COORDINATE LOCATION AND EXTENTS AND APPLY BRIDGING ENCAPSULATE, 1/2 SF OF ASBESTOS WALL MATRIX AT EACH OF 3 LOCATIONS AND 3 NEGATIVE PRESSURE ENCLOSURES.
A5	ASBESTOS BLACK TAR VAPOR BARRIER IS TYPICALLY PRESENT WITHIN WALL VOID OF PERIMETER PLASTER WALLS. USE WALL JACK MOUNTING APPLICATION THAT AVOIDS PENETRATION OF PERIMETER WALL VOID AND IN ACCORDANCE WITH TELECOMMUNICATIONS SPECIFICATIONS.
A6	ASBESTOS FLOOR TILES AND/OR UNDERLYING ASBESTOS BLACK MASTIC AS TYPICAL WITHIN BUILDING, PROTECT AS NECESSARY.
A7	AREA IS SUSPECT OF ASBESTOS PIPE INSULATION VISIBLE, ABOVE CHASE, OR ABOVE PLASTER CEILING, PROTECT AS NECESSARY.
A8	ASBESTOS FLOOR TILES AND/OR UNDERLYING ASBESTOS BLACK MASTIC, PROTECT AS NECESSARY.
A9	ASBESTOS BLACK TAR IS TYPICALLY PRESENT WITHIN INTERIOR WALL VOID OF PERIMETER PLASTER WALLS, PROTECT AS NECESSARY.
A10	ASBESTOS PIPE MASTIC, PROTECT AS NECESSARY.
L1	MATERIALS CONTAINING LEAD ARE TYPICALLY PRESENT THROUGHOUT ALL PROJECT PATHWAYS AS TYPICAL. LEAD BASED MATERIALS OR PAINT FILMS (LBP) KNOWN TO EXCEED THE EPA/HUD THRESHOLD OF 1.0 MG/CM2 AS MEASURED BY XRF ARE SHOWN IN ASSUMED PROJECT PATHWAYS. COMPLY WITH OSHA LEAD STANDARD FOR CONSTRUCTION 1926.62.
L2	DOOR AND/OR WINDOW ASSEMBLY ELEMENTS WITH REPORTED LEAD BASED PAINT, PROTECT AS NECESSARY.

SITE PLAN



KEY AREA SHOWN

Revisions:	Date:

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ARCHITECT/ ENGINEER OF RECORD

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SPEESDESIGNBUILD

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BLDG 001 - LVL 01 - ENVIRONMENTAL HAZARDS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	CD
Drawn	OB
Project Number	671A4-21-700
Building Number	001
Drawing Number	001HA101

VA FORM 08 - 6231

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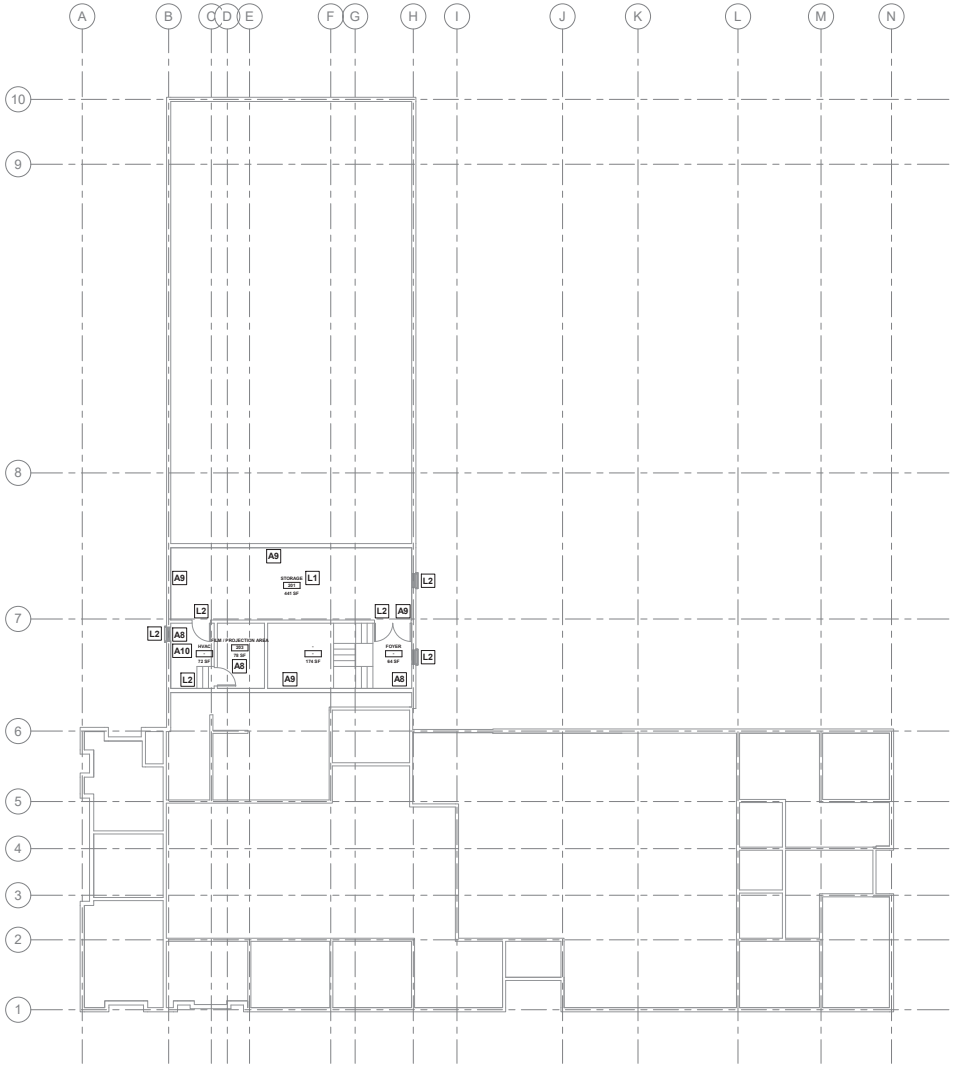


2 BLDG 001 - LVL 02 - ENVIRONMENTAL HAZARDS

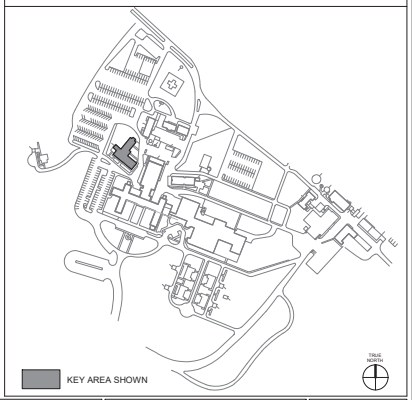
1/8" = 1'-0"

PROJECT NORTH

HAZARDOUS MATERIAL KEYNOTES

A1	DOUBLE WRAP ASBESTOS DOORS WITH 6 MIL POLY AND SEAL INTACT AND AS A WHOLE USING MANUAL MEANS WITHIN A NEGATIVE PRESSURE ENCLOSURE, 2 DOORS AND 1 NEGATIVE PRESSURE ENCLOSURE.
A2	REMOVE TWO LAYERS OF FLOOR TILE WITH UNDERLYING ASBESTOS BLACK MASTIC ON CONCRETE USING MANUAL MEANS AND CHEMICAL METHODS WITHIN EXISTING NEGATIVE PRESSURE ENCLOSURE, 131 SF EACH.
A3	EXTERIOR ASBESTOS WATER PROOFING BELOW GRADE. WITHIN A REGULATED AREA, REMOVE EXTERIOR ASBESTOS WATERPROOFING AT PENETRATION LOCATION USING MANUAL MEANS AND CHEMICAL METHODS FOR LATER PENETRATION IN ACCORDANCE WITH KEYNOTE A4, 3 LOCATIONS AT 1/2 SF EACH.
A4	ASBESTOS BLACK TAR IS TYPICALLY PRESENT WITHIN INTERIOR WALL VOID OF PERIMETER PLASTER WALLS. WITHIN A NEGATIVE PRESSURE ENCLOSURE AND USING MANUAL METHODS, PROVIDE PENETRATION THROUGH DRYWALL, PLASTER AND BLOCK WALL FOR ELECTRICAL OR COMMUNICATION PATHWAY. COORDINATE LOCATION AND EXTENTS AND APPLY BRIDGING ENCAPSULATE, 1/2 SF OF ASBESTOS WALL MATRIX AT EACH OF 3 LOCATIONS AND 3 NEGATIVE PRESSURE ENCLOSURES.
A5	ASBESTOS BLACK TAR VAPOR BARRIER IS TYPICALLY PRESENT WITHIN WALL VOID OF PERIMETER PLASTER WALLS. USE WALL JACK MOUNTING APPLICATION THAT AVOIDS PENETRATION OF PERIMETER WALL VOID AND IN ACCORDANCE WITH TELECOMMUNICATIONS SPECIFICATIONS.
A6	ASBESTOS FLOOR TILES AND/OR UNDERLYING ASBESTOS BLACK MASTIC AS TYPICAL WITHIN BUILDING, PROTECT AS NECESSARY.
A7	AREA IS SUSPECT OF ASBESTOS PIPE INSULATION VISIBLE, ABOVE CHASE, OR ABOVE PLASTER CEILING, PROTECT AS NECESSARY.
A8	ASBESTOS FLOOR TILES AND/OR UNDERLYING ASBESTOS BLACK MASTIC, PROTECT AS NECESSARY.
A9	ASBESTOS BLACK TAR IS TYPICALLY PRESENT WITHIN INTERIOR WALL VOID OF PERIMETER PLASTER WALLS, PROTECT AS NECESSARY.
A10	ASBESTOS PIPE MASTIC, PROTECT AS NECESSARY.
L1	MATERIALS CONTAINING LEAD ARE TYPICALLY PRESENT THROUGHOUT ALL PROJECT PATHWAYS AS TYPICAL. LEAD BASED MATERIALS OR PAINT FILMS (LBP) KNOWN TO EXCEED THE EPA/HUD THRESHOLD OF 1.0 MG/CM2 AS MEASURED BY XRF ARE SHOWN IN ASSUMED PROJECT PATHWAYS. COMPLY WITH OSHA LEAD STANDARD FOR CONSTRUCTION 1926.62.
L2	DOOR AND/OR WINDOW ASSEMBLY ELEMENTS WITH REPORTED LEAD BASED PAINT, PROTECT AS NECESSARY.

SITE PLAN



KEY AREA SHOWN

Revisions:	Date:

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SPEESDESIGNBUILD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BLDG 001 - LVL 02 - ENVIRONMENTAL HAZARDS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	CD
Drawn	OB
Project Number	671A4-21-700
Building Number	001
Drawing Number	001HA102

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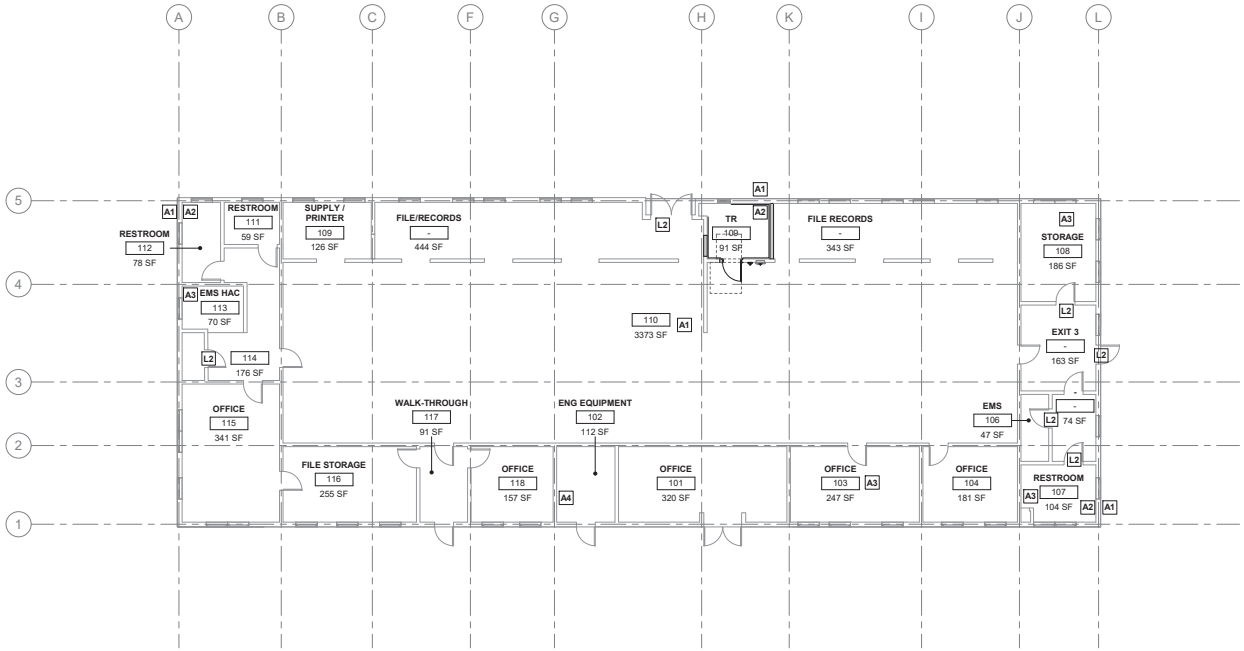


1 BLDG 02 - LVL 01 - ENVIRONTMENTAL HAZARDS

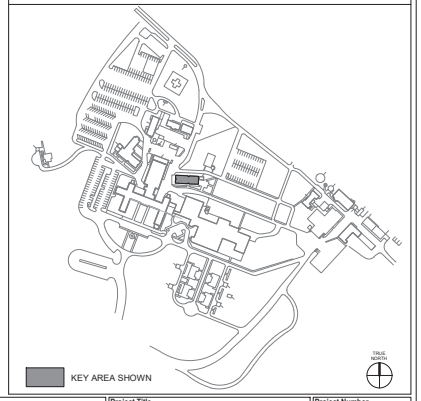
1/8" = 1'-0"

PROJECT NORTH

HAZARDOUS MATERIAL KEYNOTES

A1	EXTERIOR ASBESTOS WATER PROOFING BELOW GRADE. WITHIN A REGULATED AREA, REMOVE EXTERIOR ASBESTOS WATERPROOFING AT HVAC AND ELECTRICAL PENETRATION LOCATION USING MANUAL MEANS AND CHEMICAL METHODS FOR LATER PENETRATION IN ACCORDANCE WITH KEYNOTE A2, 3 LOCATIONS AT 1/2 SF. COORDINATE LOCATION AND EXTENTS.
A2	ASBESTOS BLACK TAR IS TYPICALLY PRESENT WITHIN INTERIOR WALL VOID OF PERIMETER PLASTER WALLS. WITHIN A NEGATIVE PRESSURE ENCLOSURE AND USING MANUAL METHODS, PROVIDE PENETRATION THROUGH DRYWALL, PLASTER AND BLOCK WALL FOR ELECTRICAL OR COMMUNICATION PATHWAY. COORDINATE LOCATION AND EXTENTS AND APPLY BRIDGING ENCAPSULATE, 1/2 SF OF ASBESTOS WALL MATRIX AT 3 LOCATIONS AND 3 NEGATIVE PRESSURE ENCLOSURES.
A3	ASBESTOS FLOOR TILES AND/OR UNDERLYING ASBESTOS BLACK MASTIC AS TYPICAL WITHIN BUILDING, PROTECT AS NECESSARY.
A4	AREA IS SUSPECT OF ASBESTOS PIPE INSULATION AS VISIBLE, WITHIN CHASE, OR ABOVE PLASTER CEILING, PROTECT AS NECESSARY. ALL CHASES WHERE PRESENT ARE PRESUMED TO HAVE ASBESTOS INSULATION.
A5	UNDERLYING (HIDDEN) ASBESTOS WINDOW SYSTEM CAULKS AND SEALS ASSUMED PRESENT (PACM), TYPICAL THROUGHOUT BUILDING.
L1	MATERIALS CONTAINING LEAD ARE TYPICALLY PRESENT THROUGHOUT ALL PROJECT PATHWAYS AS TYPICAL. LEAD BASED MATERIALS OR PAINT FILMS (LBP) KNOWN TO EXCEED THE EPA/HUD THRESHOLD OF 1.0 MG/CM2 AS MEASURED BY XRF ARE SHOWN IN ASSUMED PROJECT PATHWAYS. COMPLY WITH OSHA LEAD STANDARD FOR CONSTRUCTION 1926.62.
L2	DOOR ASSEMBLY ELEMENTS WITH REPORTED LEAD BASED PAINT, PROTECT AS NECESSARY.

SITE PLAN



Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 02 - LVL 01 - ENVIRONTMENTAL HAZARDS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 02
		Issue Date: 11/21/2025 · Checked: CD · Drawn: OB	Drawing Number: 02HA101

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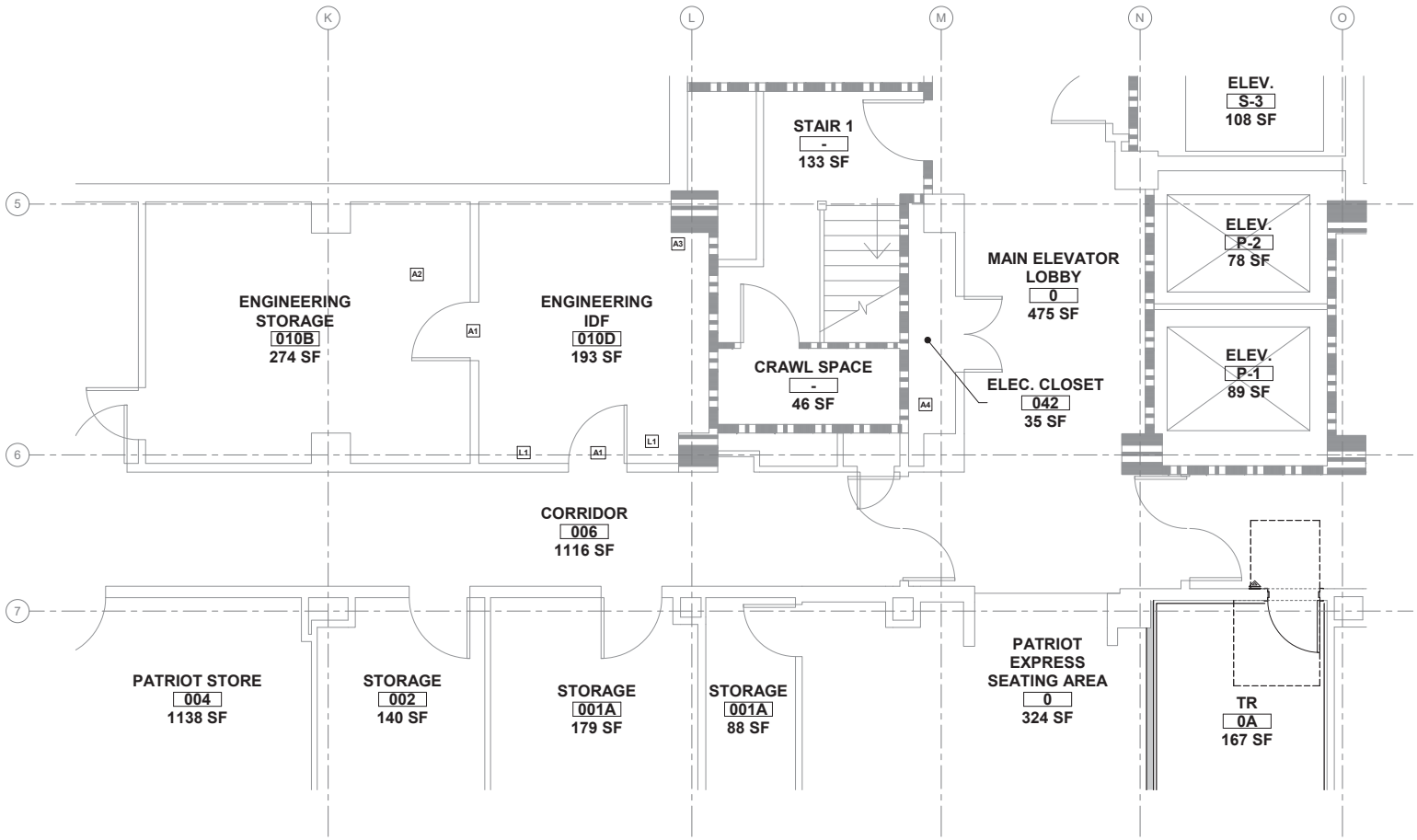


1 BLDG 011 - LVL 00 - RM 0A - ENVIRONMENTAL HAZARDS

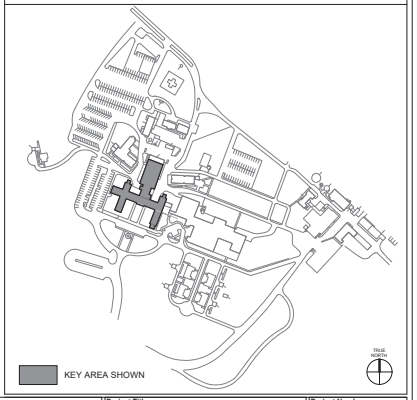
3/8" = 1'-0"

PROJECT NORTH

HAZARDOUS MATERIAL KEY

A1	REMOVE ASBESTOS DOOR (PACM) INTACT, DOUBLE WRAP WITH 6 MIL POLY AND SEAL AS A WHOLE USING MANUAL MEANS AND NONDESTRUCTIVE METHODS WITHIN A NEGATIVE PRESSURE ENCLOSURE, 2 DOORS AND 1 NEGATIVE PRESSURE ENCLOSURE.
A2	REMOVE ASBESTOS 9" X 9" FLOOR TILE AND UNDERLYING BLACK MASTIC ON CONCRETE USING MANUAL MEANS AND CHEMICAL METHODS WITHIN EXISTING NEGATIVE PRESSURE ENCLOSURE , 300 SF EACH ASBESTOS FLOOR TILE AND BLACK MASTIC.
A3	ASBESTOS PIPE INSULATION WITHIN CHASE, PROTECT AS NECESSARY.
L1	REMOVE LEAD CONTAINING 4" X 4" WALL TILES AND COVE BASE, TWO RUNNING TILES AWAY FROM DOOR JAMB EACH SIDE, USING MANUAL MEANS AND LOW FRACTURE METHODS WITHIN A NEGATIVE PRESSURE ENCLOSURE, APPROXIMATELY 4 SQUARE FEET OF LEAD WALL TILES. COORDINATE EXTENTS WHERE NECESSARY FOR REMOVAL OF DOOR FRAME BY GENERAL CONTRACTOR.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

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A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 00 - RM 0A - ENVIRONMENTAL HAZARDS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 011
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Drawing Number: 011HA100
		Issue Date: 11/21/2025 · Checked: CD · Drawn: OB	17 of 339

Autodesk Docs://671A4-21-700/VA TX Kerrville EHRM/VATX_11_EN_3538.rvt
12/01/2025 10:57:18 am

VA FORM 08 - 6231

1 BLDG 011 - LVL 01 - RM 120B - ENVIRONMENTAL HAZARDS

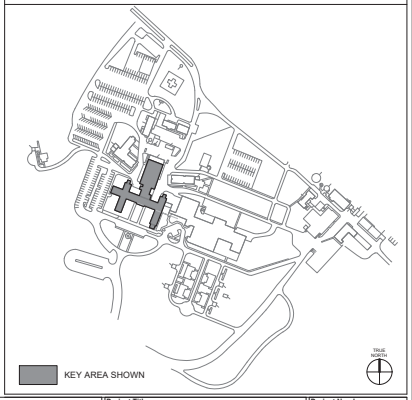
3/8" = 1'-0"

PROJECT NORTH

HAZARDOUS MATERIAL KEY

A1	REMOVE ASBESTOS DOOR (PACM) INTACT, DOUBLE WRAP WITH 6 MIL POLY AND SEAL AS A WHOLE USING MANUAL MEANS AND NONDESTRUCTIVE METHODS WITHIN A NEGATIVE PRESSURE ENCLOSURE, 1 DOOR AND 1 NEGATIVE PRESSURE ENCLOSURE.
A2	ASBESTOS PIPE INSULATION WITHIN CHASE, PROTECT AS NECESSARY.
A3	UNDERLYING (HIDDEN) ASBESTOS WINDOW SYSTEM CAULKS AND SEALS ASSUMED PRESENT (PACM), PROTECT AS NECESSARY. POTENTIAL FOR ASBESTOS TRANSITE HEAT SHIELD WITHIN COVERED WALL POCKET LOCATED BELOW WINDOW (HEAT CONVECTOR).
L1	ORANGE LBP PRESENT ON STEAM PIPE, PROTECT AS NECESSARY.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

INDUSTRIAL HYGIENIST:
RSH
11140 S. TOWNE SQ. STE. 100
ST LOUIS, MO. 63123
(314) 917-0148

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 01 - RM 120B - ENVIRONMENTAL HAZARDS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 011
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Drawing Number: 011HA101
		Issue Date: 11/21/2025 · Checked: CD · Drawn: OB	18 of 339

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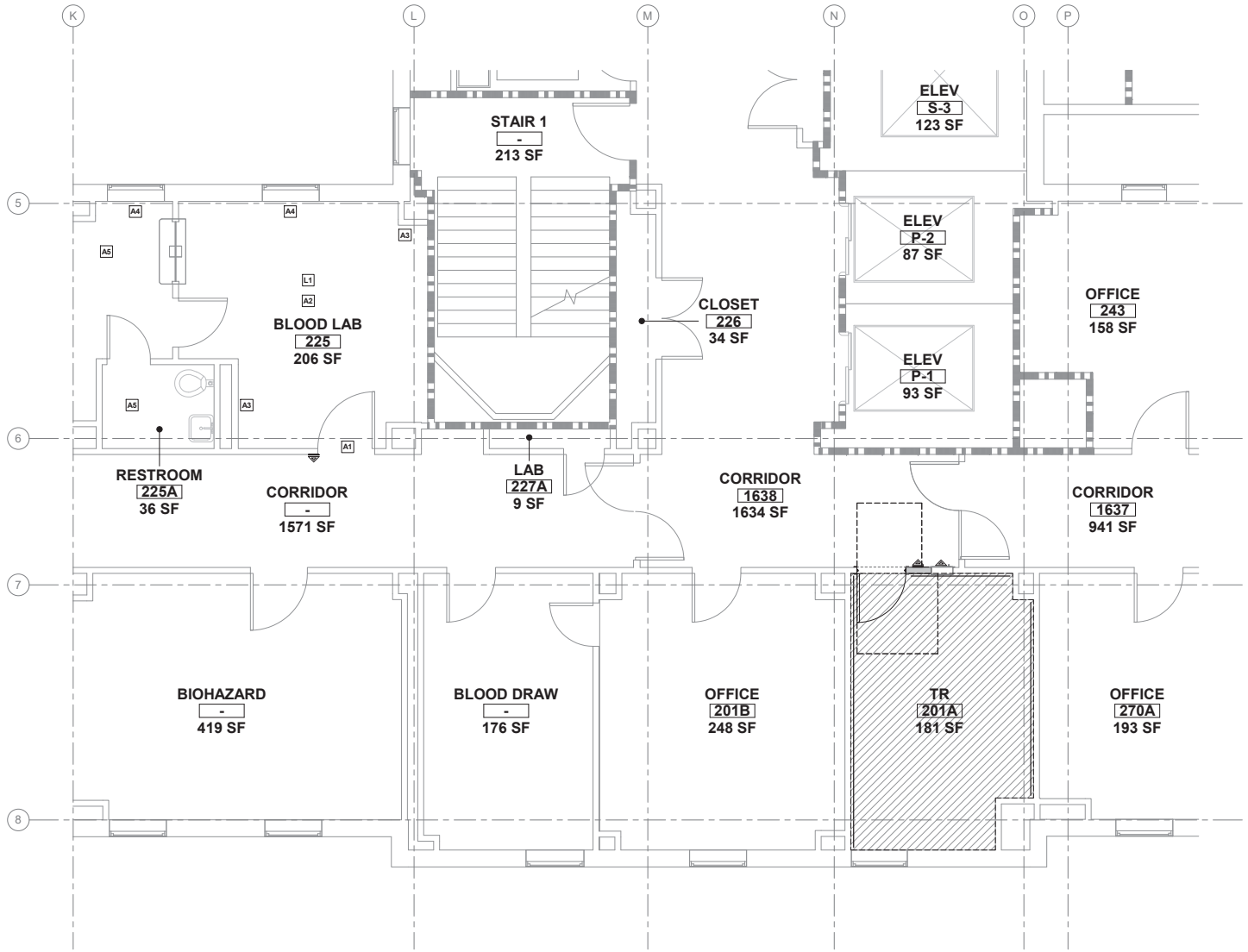
VA FORM 08 - 6231



1 BLDG 011 - LVL 02 - RM 201A - ENVIRONMENTAL HAZARDS
3/8" = 1'-0"

PROJECT NORTH

HAZARDOUS MATERIAL KEY

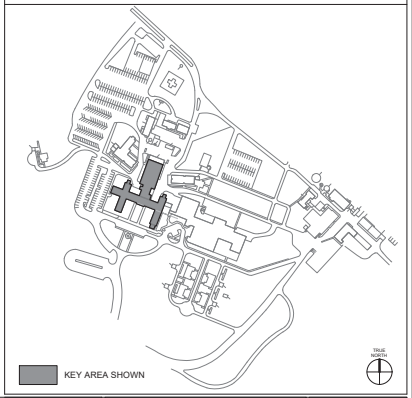
TO BE ABATED

BROWN 9 X 9 FT WITH BLACK MASTIC (182 SF)

KEY NOTES (THIS SHEET ONLY)

N/A

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE: ENVIRONMENTAL
SEMS, INC.
11628 S. CHOCTAW DRIVE
BATON ROUGE, LA 70815
(225) 924-2002

SEMS Inc.

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 02 - RM 201A - ENVIRONMENTAL HAZARDS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 011
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Drawing Number: 011HA102
		Issue Date: 11/21/2025 · Checked: MLM · Drawn: OB	19 of 339

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VA FORM 08 - 6231

1 BLDG 011 - LVL 03 - RM 388 - ENVIRONMENTAL HAZARDS

3/8" = 1'-0"

HAZARDOUS MATERIAL KEY

TO BE ABATED

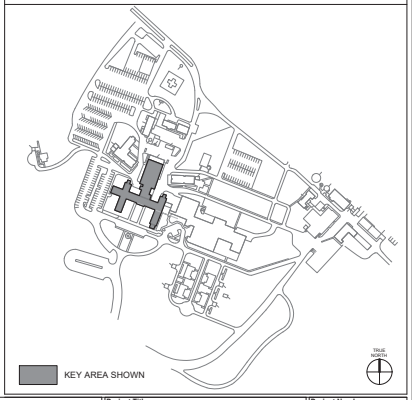
ASBESTOS CONTAINING SHEETROCK (220 SF)

LEAD CERAMIC TILE (240 SF)

KEY NOTES (THIS SHEET ONLY)

N/A

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE: ENVIRONMENTAL
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ARCHITECT/ ENGINEER OF RECORD

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KENT, WA 98032

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Drawing Title: BLDG 011 - LVL 03 - RM 388 - ENVIRONMENTAL HAZARDS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 011
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Drawing Number: 011HA103
		Issue Date: 11/21/2025 · Checked: MLM · Drawn: OB	20 of 339

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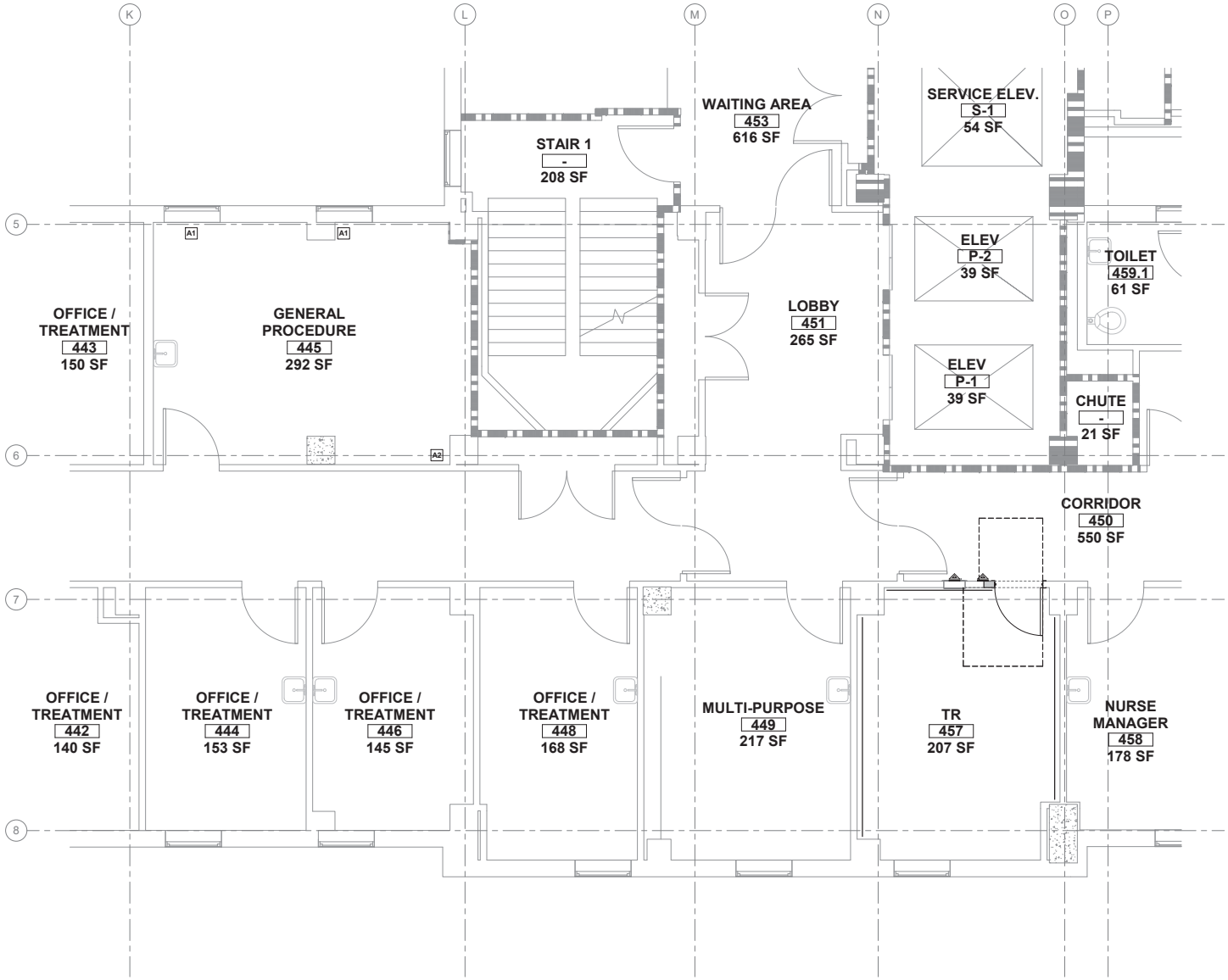
VA FORM 08 - 6231



1 BLDG 011 - LVL 04 - RM 457 - ENVIRONMENTAL HAZARDS

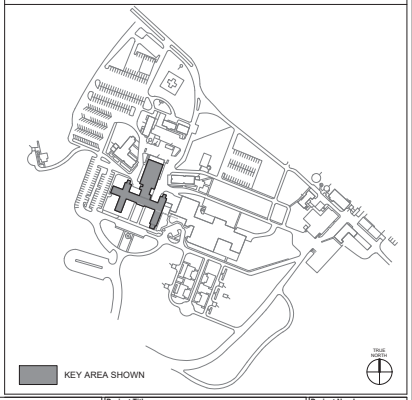
3/8" = 1'-0"

PROJECT NORTH

HAZARDOUS MATERIAL KEY

A1	UNDERLYING (HIDDEN) ASBESTOS WINDOW SYSTEM CAULKS AND SEALS ASSUMED PRESENT (PACM), PROTECT AS NECESSARY. POTENTIAL FOR ASBESTOS TRANSITE HEAT SHIELD WITHIN COVERED WALL POCKET LOCATED BELOW WINDOW (HISTORIC HEAT CONVECTOR).
A2	ASBESTOS PIPE INSULATION WITHIN CHASE, PROTECT AS NECESSARY.

KEY PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

INDUSTRIAL HYGIENIST:
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ARCHITECT/ ENGINEER OF RECORD

A/E:
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23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BLDG 011 - LVL 04 - RM 457 - ENVIRONMENTAL HAZARDS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	CD
Drawn	OB
Project Number	671A4-21-700
Building Number	011
Drawing Number	011HA104

VA FORM 08 - 6231

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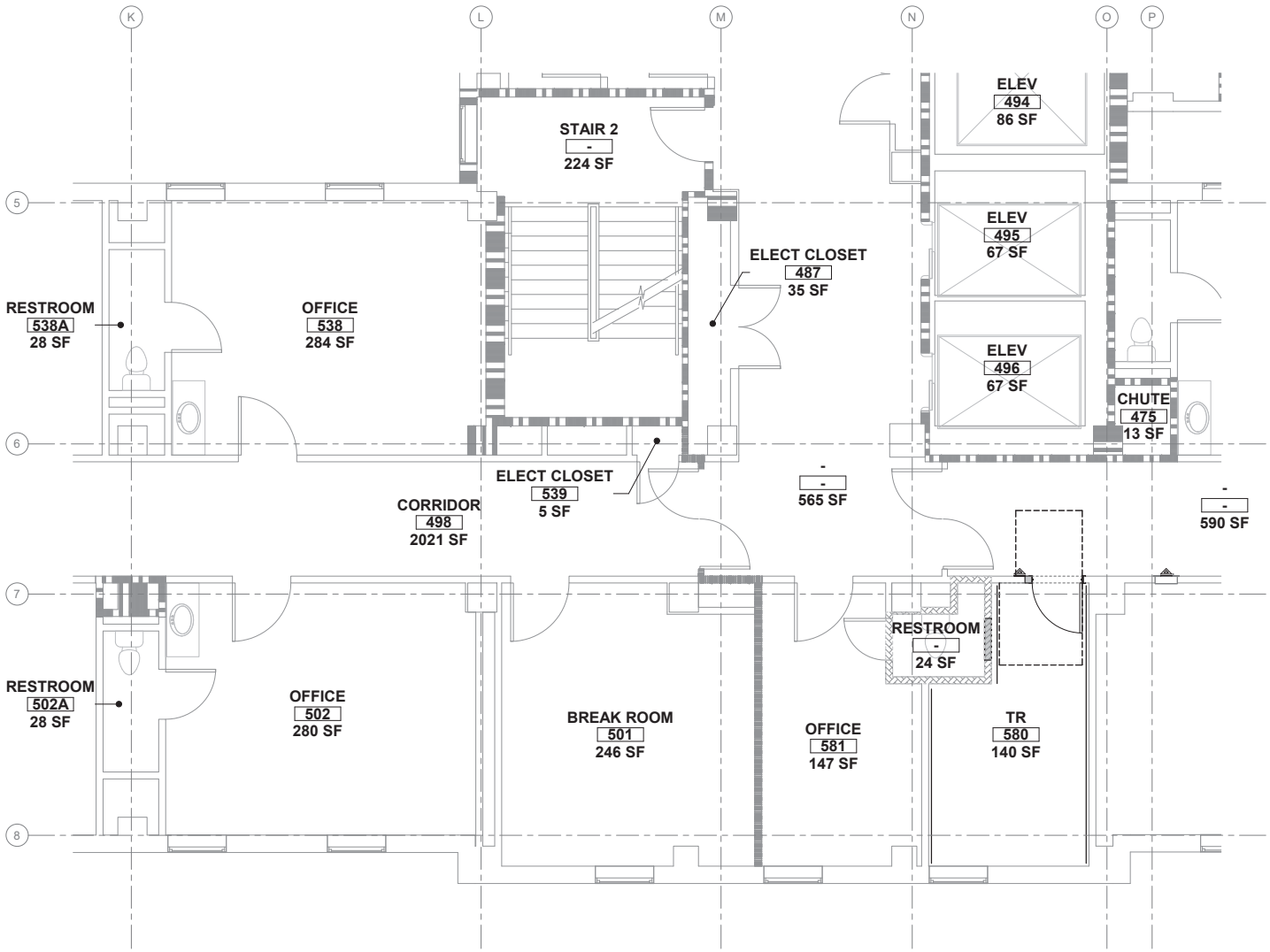


1 BLDG 011 - LVL 05 - RM 580 - ENVIRONMENTAL HAZARDS
3/8" = 1'-0"

PROJECT NORTH

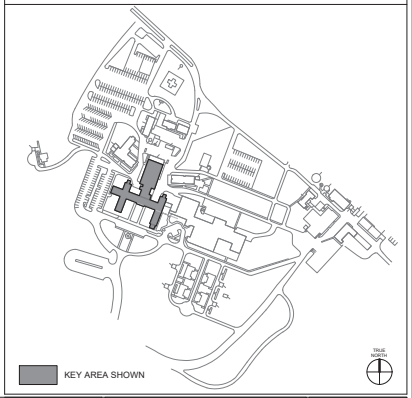
HAZARDOUS MATERIAL KEY
TO BE ABATED

LEAD CERAMIC TILE (240 SF)

KEY NOTES (THIS SHEET ONLY)

N/A

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE: ENVIRONMENTAL
SEMS, INC.
11628 S. CHOCTAW DRIVE
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(225) 924-2002

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 011 - LVL 05 - RM 580 - ENVIRONMENTAL HAZARDS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
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Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	MLM
Drawn	OB
Project Number	671A4-21-700
Building Number	011
Drawing Number	011HA105

VA FORM 08 - 6231

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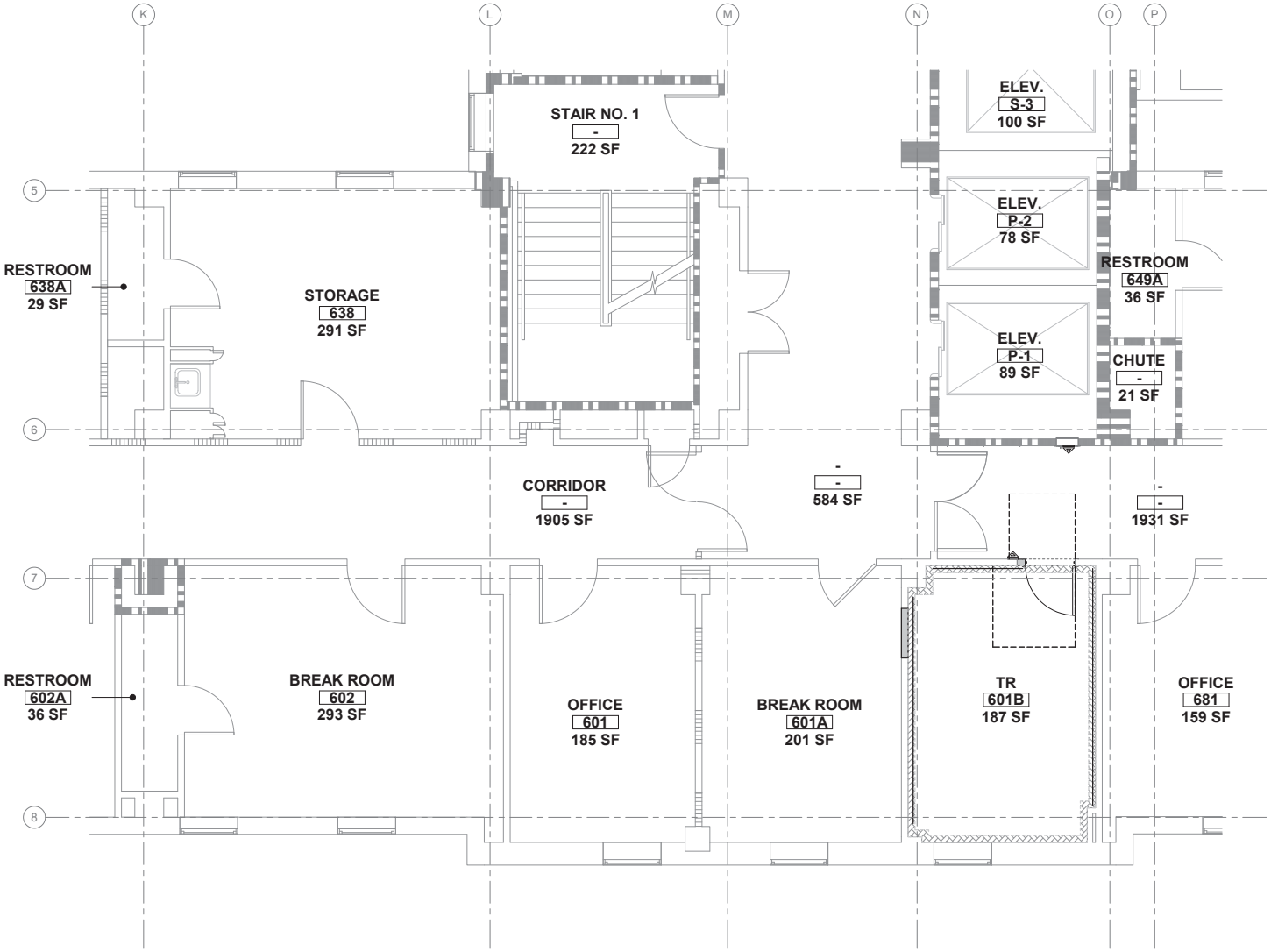


1 BLDG 011 - LVL 06 - RM 601B - ENVIRONMENTAL HAZARDS
3/8" = 1'-0"

PROJECT NORTH

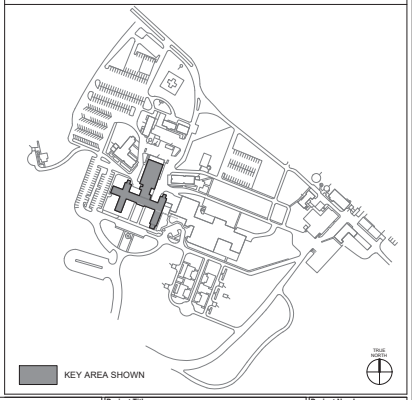
HAZARDOUS MATERIAL KEY
TO BE ABATED

LEAD CERAMIC TILE (240 SF)

KEY NOTES (THIS SHEET ONLY)

N/A

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE: ENVIRONMENTAL
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SPEESDESIGNBUILD

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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 06 - RM 601B - ENVIRONMENTAL HAZARDS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 011
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Drawing Number: 011HA106
		Issue Date: 11/21/2025 / Checked: MLM / Drawn: OB	23 of 339

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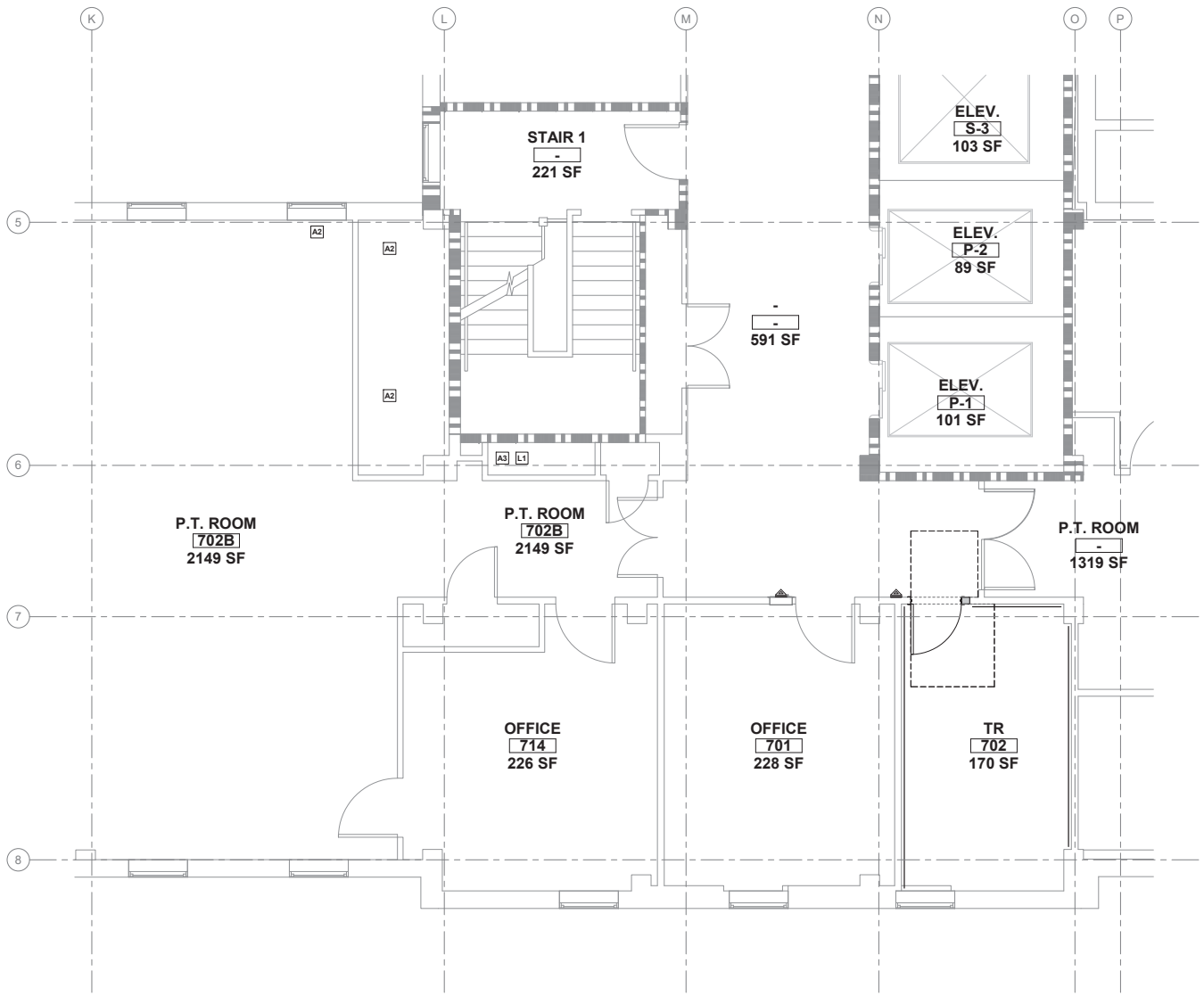
VA FORM 08 - 6231



1 BLDG 011 - LVL 07 - RM 702 - ENVIRONMENTAL HAZARDS

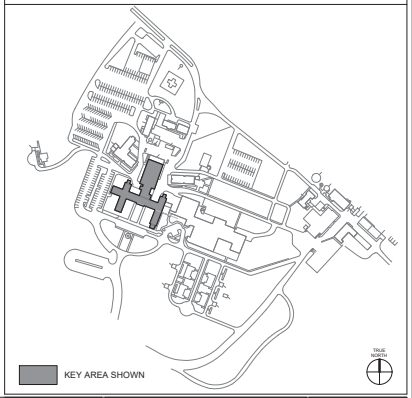
3/8" = 1'-0"

PROJECT NORTH

HAZARDOUS MATERIAL KEY

A1	ESTABLISH NEGATIVE PRESSURE ENCLOSURE (NPE) AND WITHIN NPE REMOVE NON-ASBESTOS ACT CEILING GRID AND CONTAMINATED PLASTER/BLOCK CHASE USING MANUAL MEANS. REMOVE ASBESTOS PIPE INSULATION AND ASSOCIATED FITTINGS IN CHASE USING GLOVEBAG METHODS ALL WITHIN THE NEGATIVE PRESSURE ENCLOSURE. 50 LF OF ASBESTOS PIPE INSULATION IN CHASE AND 220 SF EACH OF CONTAMINATED PLASTER AND BLOCK AND 64 SF CEILING GIRD AND 325 SF LOCKDOWN ENCAPSULANT. COORDINATE LOCATION AND EXTENTS.
A2	UNDERLYING (HIDDEN) ASBESTOS WINDOW SYSTEM CAULKS AND SEALS ASSUMED PRESENT (PACM), PROTECT AS NECESSARY. POTENTIAL FOR ASBESTOS TRANSITE HEAT SHIELD WITHIN COVERED WALL. POCKET LOCATED BELOW WINDOW (HISTORIC HEAT CONVECTOR).
A3	ASBESTOS PIPE INSULATION WITHIN CHASE, PROTECT AS NECESSARY.
A4	ASBESTOS TAR IN PERIMETER WALL VOID (PACM), PROTECT AS NECESSARY.
L1	LEAD CONTAINING 4" X 4" WALL TILES AND COVE BASE TO 7 FT ABOVE FINISHED FLOOR, PROTECT AS NECESSARY.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

INDUSTRIAL HYGIENIST:
RSH
11140 S. TOWNE SQ. STE. 100
ST LOUIS, MO. 63123
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ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 07 - RM 702 - ENVIRONMENTAL HAZARDS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 011
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Drawing Number: 011HA107
		Issue Date: 11/21/2025 · Checked: CD · Drawn: OB	24 of 339

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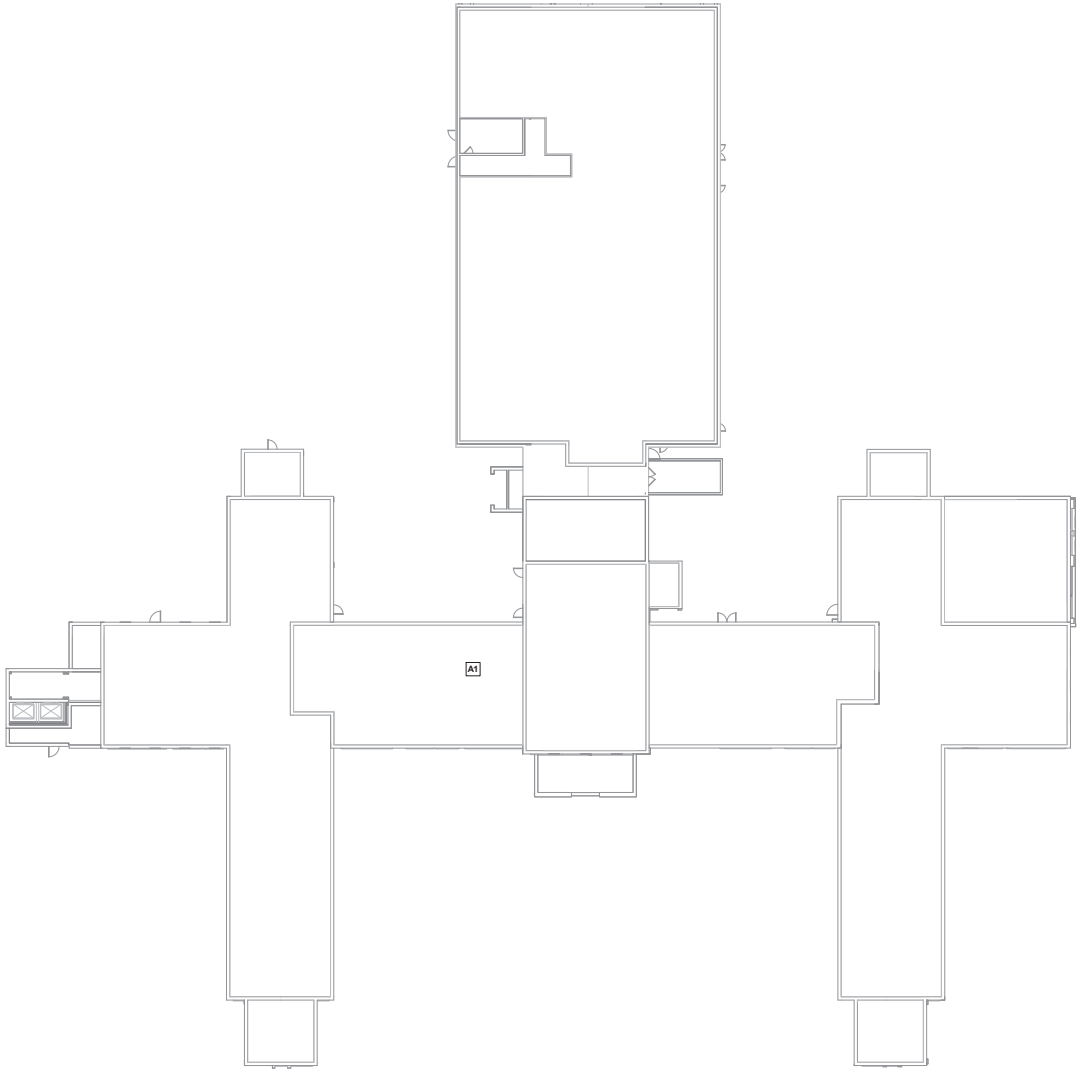
VA FORM 08 - 6231



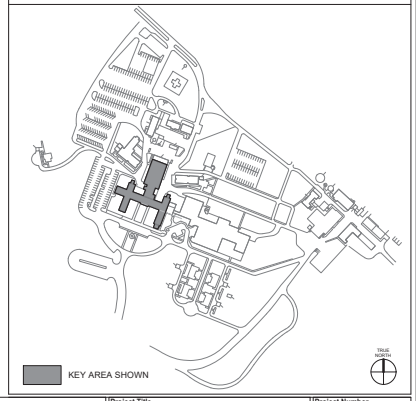
1 BLDG 011 - ROOF - ENVIRONMENTAL HAZARDS
1/16" = 1'-0"

PROJECT NORTH

HAZARDOUS MATERIAL KEY

A1 WITHIN A REGULATED AREA, REMOVE SPOT LOCATIONS OF ASBESTOS ROOF SYSTEM WITH ASBESTOS UNDERLYING MASTICS OR TARS USING MANUAL MEANS. EMPLOY CHEMICAL AND OUTDOOR METHODS AS REQUIRED. COORDINATE THE LOCATION AND SIZE OF SPOT ROOF REMOVAL FOR HVAC MINI-SPLIT SYSTEM PENETRATIONS WITH THE GENERAL CONTRACTOR, 1 GENERAL ROOF AREA FOR CONDENSER BANK INCLUDING UTILITY HUBS AND MOUNTINGS, 85 SF AND 2 MOBILIZATIONS. USE GENERAL CONTRACTOR APPROVED CLEAR BRIDGING ENCAPSULANT ON ANY REMAINING EXPOSED ASBESTOS SURFACES.

KEY PLAN



KEY AREA SHOWN

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CONSULTANT/ DISCIPLINE

INDUSTRIAL HYGIENIST:
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ARCHITECT/ ENGINEER OF RECORD

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SPEES DESIGN BUILD
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KENT, WA 98032

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - ROOF - ENVIRONMENTAL HAZARDS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 011
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Drawing Number: 011HA108
		Issue Date: 11/21/2025 · Checked: CD · Drawn: OB	25 of 339

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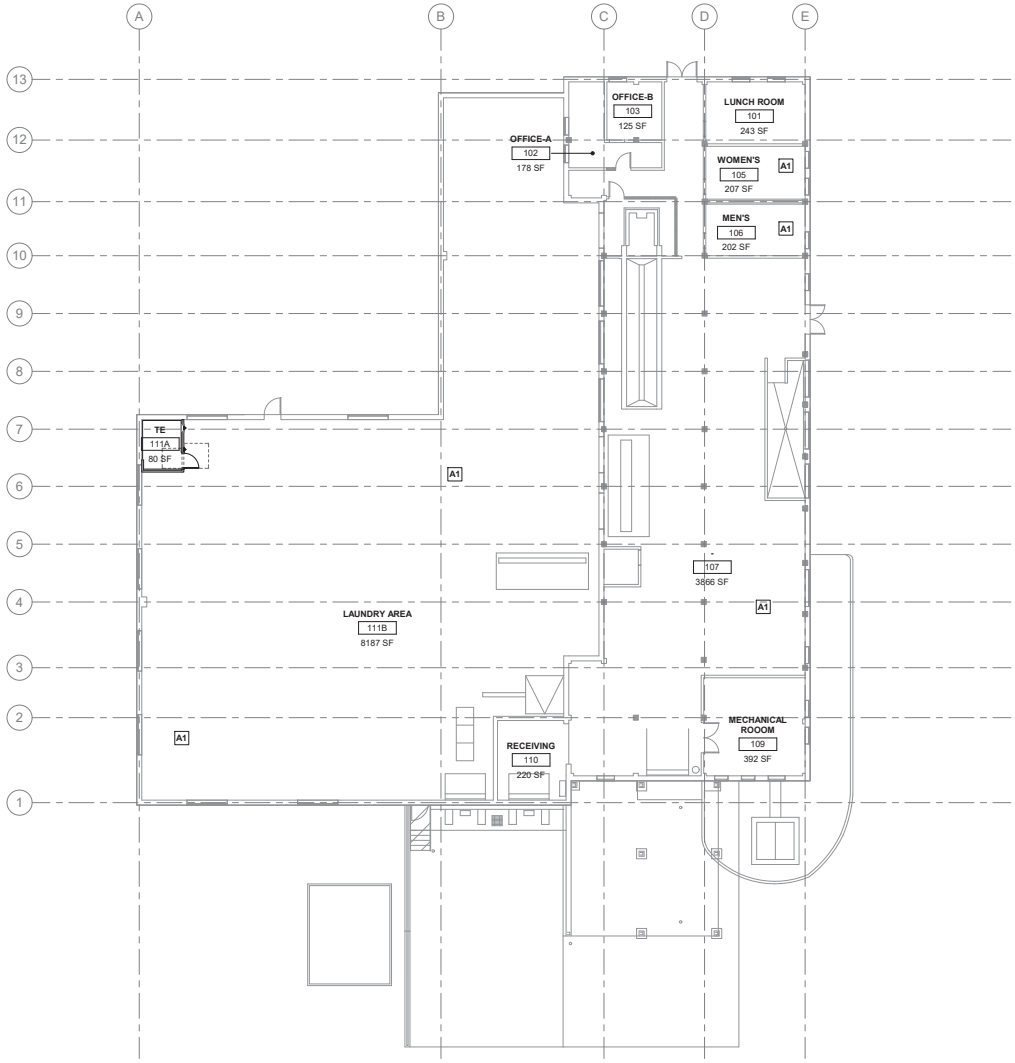
VA FORM 08 - 6231



1 BLDG 018 - LVL 01 - ENVIRONMENTAL HAZARDS

1" = 10'-0"

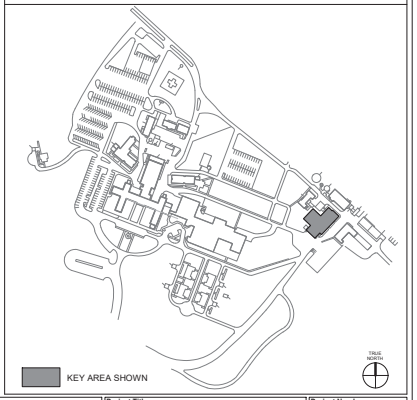
PROJECT NORTH

HAZARDOUS MATERIAL KEYNOTES

A1 ASBESTOS PIPE INSULATION AND/OR FITTINGS MAY BE PRESENT IN HIGH BAY AREAS, CMU BLOCK CHASES, FLOOR VAULTS OR ABOVE PLASTER CEILINGS WHERE PRESENT, PROTECT AS NECESSARY. MAINTAIN SUFFICIENT DISTANCE FROM ANY PIPE INSULATION SO AS TO NOT DISTURB.

A2 UNDERLYING (HIDDEN) ASBESTOS WINDOW SYSTEM CAULKS AND SEALS ASSUMED PRESENT (PACM), TYPICAL THROUGHOUT BUILDING.

SITE PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

INDUSTRIAL HYGIENIST:
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ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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SPEESDESIGNBUILD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BLDG 018 - LVL 01 - ENVIRONMENTAL HAZARDS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	CD
Drawn	OB
Project Number	671A4-21-700
Building Number	018
Drawing Number	018HA101

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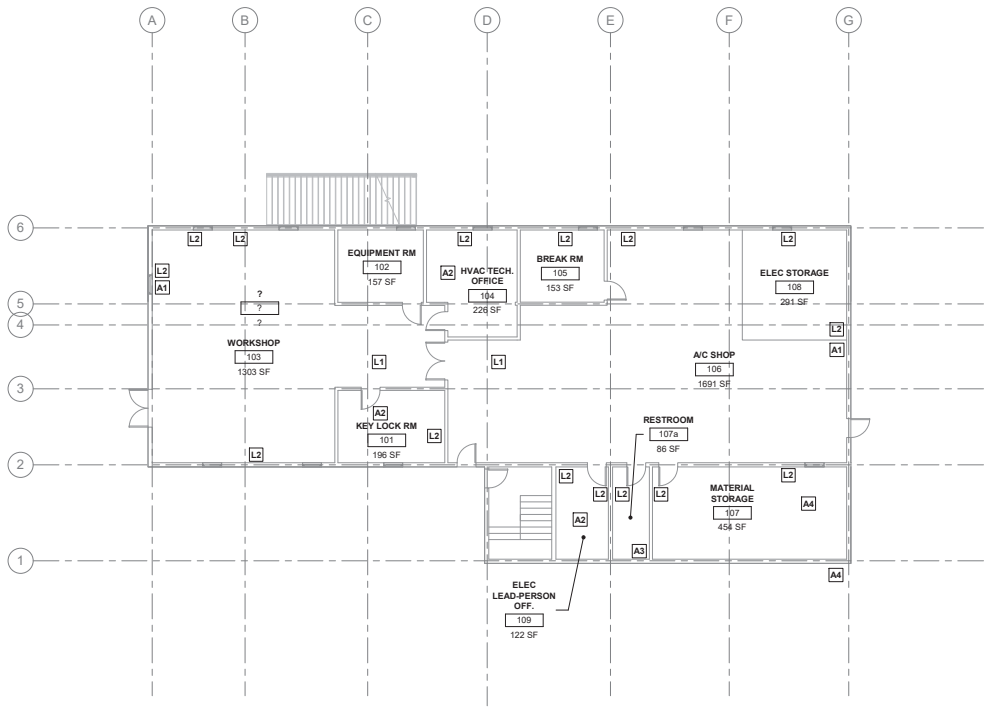
12/01/2025 10:58:44 am

VA FORM 08 - 6231

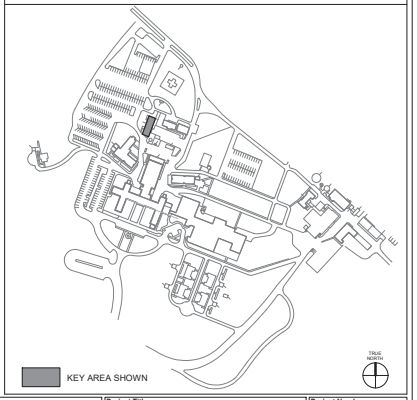
HAZARDOUS MATERIAL KEYNOTES

A1	UNDERLYING (HIDDEN) ASBESTOS WINDOW SYSTEM CAULKS AND SEALS ASSUMED PRESENT (PACM), TYPICAL THROUGHOUT BUILDING.
A2	ASBESTOS FLOOR TILES AND/OR UNDERLYING ASBESTOS BLACK MASTIC AS TYPICAL WITHIN BUILDING, PROTECT AS NECESSARY.
A3	ASBESTOS PIPE INSULATION AND/OR FITTINGS MAY BE PRESENT IN WET WALL CHASES, PROTECT AS NECESSARY. MAINTAIN SUFFICIENT DISTANCE FROM ALL PIPE INSULATION SO AS TO NOT DISTURB.
A4	HISTORIC STEAM TUNNEL AND ACCESS AREA IS NOT WITHIN PROJECT LIMITS. ASBESTOS PIPE INSULATION OR ASSOCIATED FITTINGS MAY BE PRESENT, DO NOT ENTER.
A5	REMOVE ASBESTOS DOOR (PACM) INTACT, DOUBLE WRAP WITH 6 MIL POLY AND SEAL AS A WHOLE USING MANUAL MEANS WITHIN A REGULATED AREA, 1 DOORS AND 1 REGULATED AREA.
A6	IN A REGULATED AREA, REMOVE SPOT LOCATIONS OF ASBESTOS ROOF WITH ASBESTOS UNDERLYING MASTICS OR TARS USING MANUAL MEANS. EMPLOY CHEMICAL AND OUTDOOR METHODS AS REQUIRED. COORDINATE THE LOCATION AND SIZE OF SPOT ROOF REMOVAL FOR HVAC MINI-SPLIT SYSTEM PENETRATIONS WITH THE GENERAL CONTRACTOR, 1 GENERAL ROOF AREA FOR CONDENSER INCLUDING UTILITY HUBS AND MOUNTINGS, 12 SF AND 2 MOBILIZATIONS. USE GENERAL CONTRACTOR APPROVED CLEAR BRIDGING ENCAPSULANT ON ANY REMAINING EXPOSED ASBESTOS SURFACES.
L1	MATERIALS CONTAINING LEAD ARE TYPICALLY PRESENT THROUGHOUT ALL PROJECT PATHWAYS AS TYPICAL. LEAD BASED MATERIALS OR PAINT FILMS (LBP) KNOWN TO EXCEED THE EPA/HUD THRESHOLD OF 1.0 MG/CM2 AS MEASURED BY XRF ARE SHOWN IN ASSUMED PROJECT PATHWAYS. COMPLY WITH OSHA LEAD STANDARD FOR CONSTRUCTION 1926.62.
L2	DOOR AND/OR WINDOW ASSEMBLY ELEMENTS WITH REPORTED LEAD BASED PAINT, PROTECT AS NECESSARY.



1 BLDG 29 - LVL 01 - ENVIRONMENTAL HAZARDS
1/8" = 1'-0"

SITE PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

INDUSTRIAL HYGIENIST:
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ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 29 - LVL 01 - ENVIRONMENTAL HAZARDS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 029
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Drawing Number: 029HA101
		Issue Date: 11/21/2025 · Checked: CD · Drawn: OB	27 of 339

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VA FORM 08 - 6231

HAZARDOUS MATERIAL KEYNOTES

A1	UNDERLYING (HIDDEN) ASBESTOS WINDOW SYSTEM CAULKS AND SEALS ASSUMED PRESENT (PACM), TYPICAL THROUGHOUT BUILDING.
A2	ASBESTOS FLOOR TILES AND/OR UNDERLYING ASBESTOS BLACK MASTIC AS TYPICAL WITHIN BUILDING, PROTECT AS NECESSARY.
A3	ASBESTOS PIPE INSULATION AND/OR FITTINGS MAY BE PRESENT IN WET WALL CHASES, PROTECT AS NECESSARY. MAINTAIN SUFFICIENT DISTANCE FROM ALL PIPE INSULATION SO AS TO NOT DISTURB.
A4	HISTORIC STEAM TUNNEL AND ACCESS AREA IS NOT WITHIN PROJECT LIMITS. ASBESTOS PIPE INSULATION OR ASSOCIATED FITTINGS MAY BE PRESENT, DO NOT ENTER.
A5	REMOVE ASBESTOS DOOR (PACM) INTACT, DOUBLE WRAP WITH 6 MIL POLY AND SEAL AS A WHOLE USING MANUAL MEANS WITHIN A REGULATED AREA, 1 DOORS AND 1 REGULATED AREA.
A6	IN A REGULATED AREA, REMOVE SPOT LOCATIONS OF ASBESTOS ROOF WITH ASBESTOS UNDERLYING MASTICS OR TARS USING MANUAL MEANS. EMPLOY CHEMICAL AND OUTDOOR METHODS AS REQUIRED. COORDINATE THE LOCATION AND SIZE OF SPOT ROOF REMOVAL FOR HVAC MINI-SPLIT SYSTEM PENETRATIONS WITH THE GENERAL CONTRACTOR, 1 GENERAL ROOF AREA FOR CONDENSER INCLUDING UTILITY HUBS AND MOUNTINGS, 12 SF AND 2 MOBILIZATIONS. USE GENERAL CONTRACTOR APPROVED CLEAR BRIDGING ENCAPSULANT ON ANY REMAINING EXPOSED ASBESTOS SURFACES.
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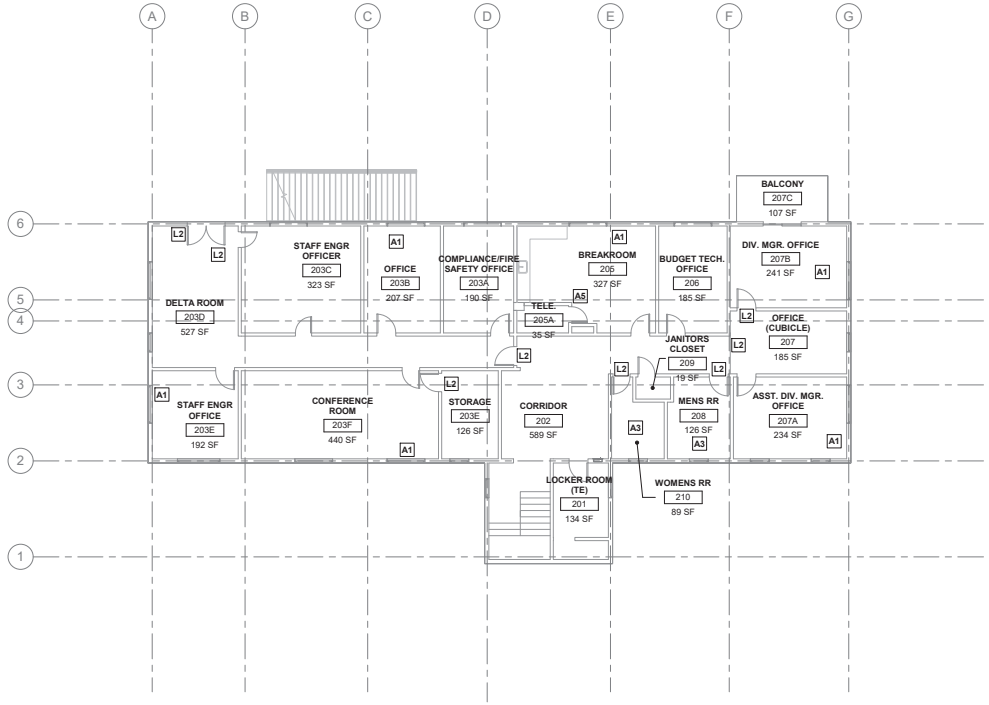
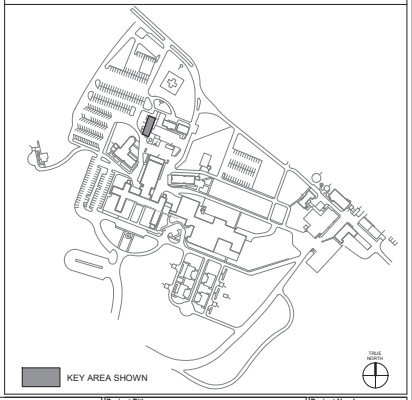
L2	DOOR AND/OR WINDOW ASSEMBLY ELEMENTS WITH REPORTED LEAD BASED PAINT, PROTECT AS NECESSARY.



1 BLDG 29 - LVL 02 - ENVIRONMENTAL HAZARDS
1/8" = 1'-0"

SITE PLAN



Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 29 - LVL 02 - ENVIRONMENTAL HAZARDS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 029
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Drawing Number: 029HA102
		Issue Date: 11/21/2025 · Checked: CD · Drawn: OB	28 of 339

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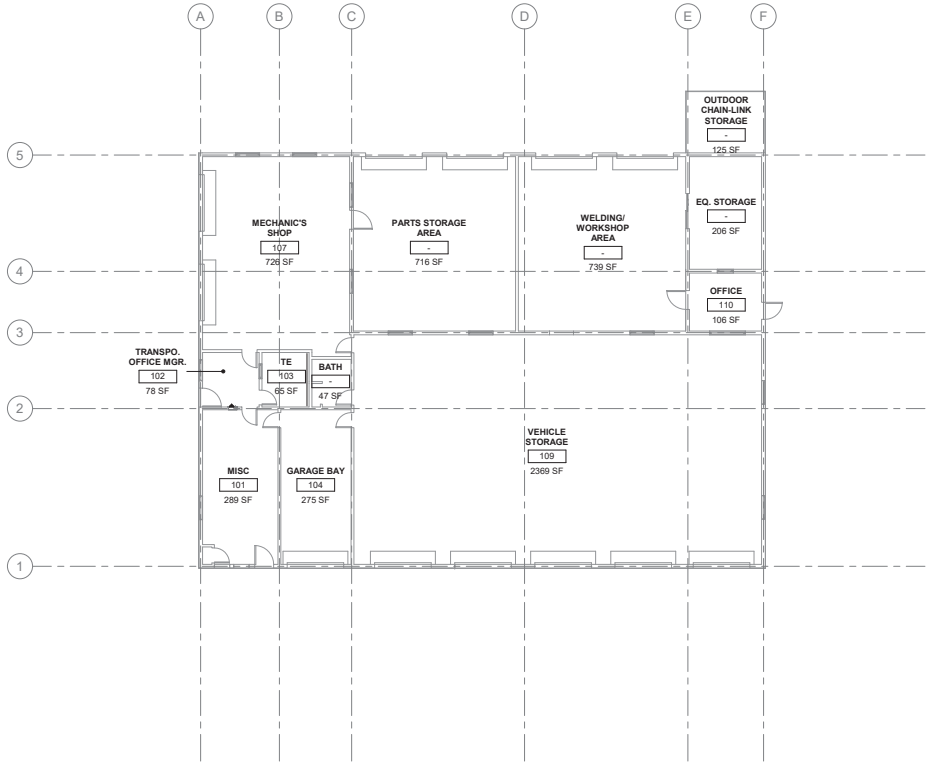


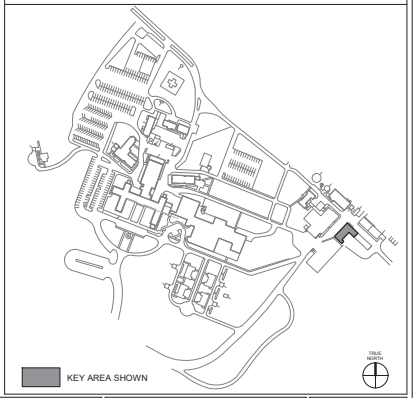
1 BLDG 046 - LVL 01 - ENVIRONMENTAL HAZARDS

1/8" = 1'-0"

HAZARDOUS MATERIAL KEYNOTES

A1 IN A REGULATED AREA, REMOVE SPOT LOCATIONS OF ASBESTOS ROOF WITH ASBESTOS UNDERLYING MASTICS OR TARS USING MANUAL MEANS. EMPLOY CHEMICAL AND OUTDOOR METHODS AS REQUIRED. COORDINATE THE LOCATION AND SIZE OF SPOT ROOF REMOVAL FOR HVAC MINI-SPLIT SYSTEM PENETRATIONS WITH THE GENERAL CONTRACTOR, 1 GENERAL ROOF AREA FOR CONDENSER INCLUDING UTILITY HUBS AND MOUNTINGS, 12 SF AND 2 MOBILIZATIONS. USE GENERAL CONTRACTOR APPROVED CLEAR BRIDGING ENCAPSULANT ON ANY REMAINING EXPOSED ASBESTOS SURFACES.

SITE PLAN



Revisions:	Date:

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A/E:
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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 046 - LVL 01 - ENVIRONMENTAL HAZARDS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	CD
Drawn	OB
Project Number	671A4-21-700
Building Number	046
Drawing Number	046HA101

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VA FORM 08 - 6231

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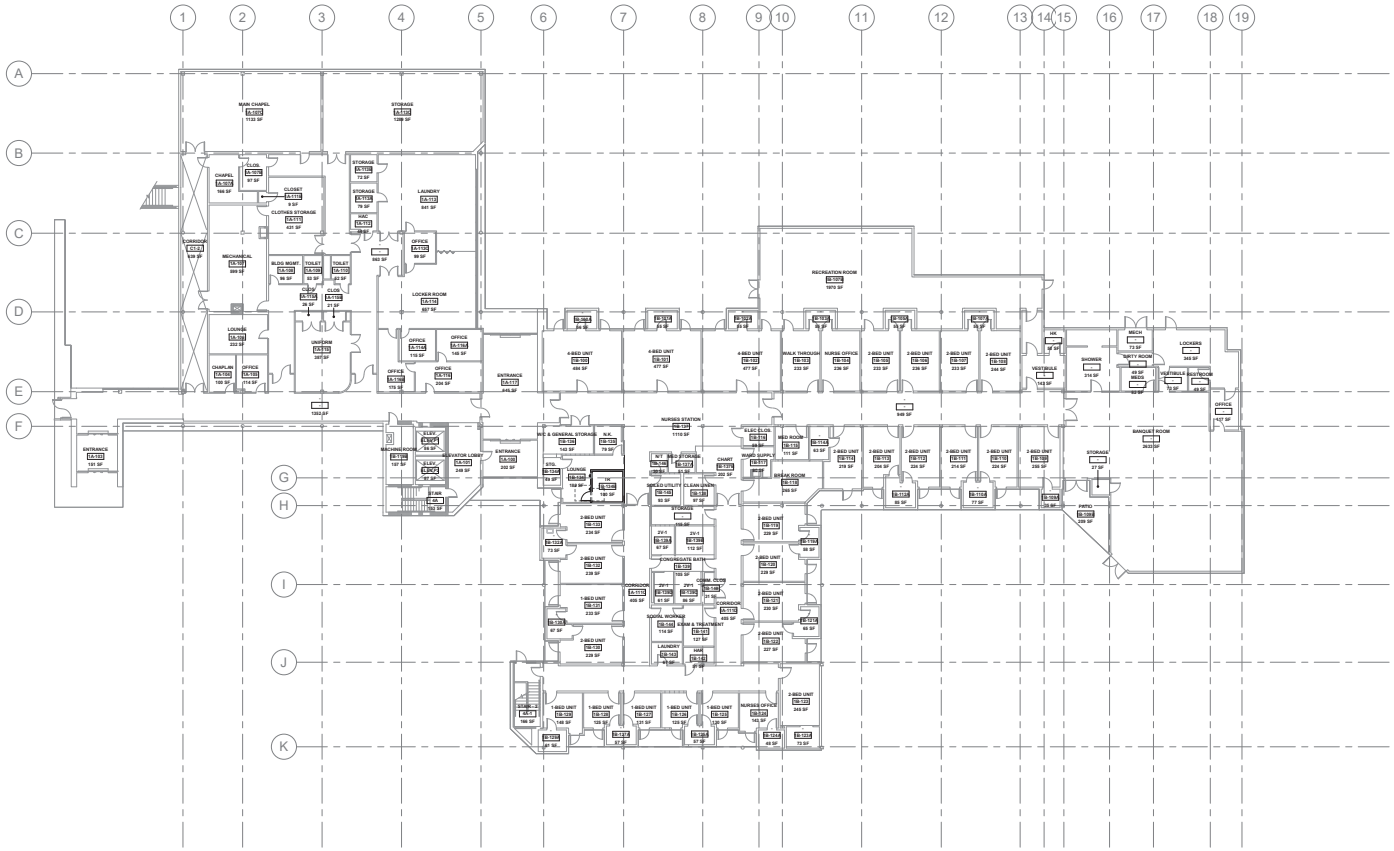
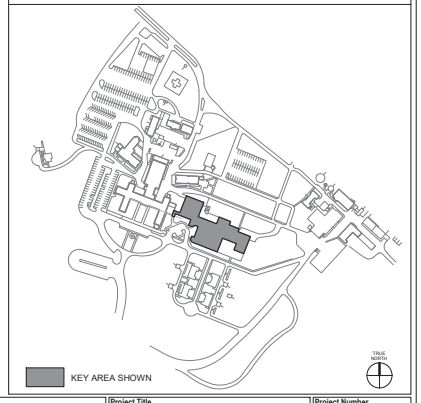


1 BLDG 096 - LVL 01 - ENVIRONMENTAL HAZARDS
1/16" = 1'-0"

HAZARDOUS MATERIAL KEYNOTES

NO KNOWN ASBESTOS OR LEAD-CONTAINING MATERIALS EXIST WITHIN SCOPE OF WORK FOR BUILDING 96.

SITE PLAN



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CONSULTANT/ DISCIPLINE
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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 096 - LVL 01 - ENVIRONMENTAL HAZARDS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: CD
Drawn: OB
Project Number: 671A4-21-700
Building Number: 096
Drawing Number: 096HA101

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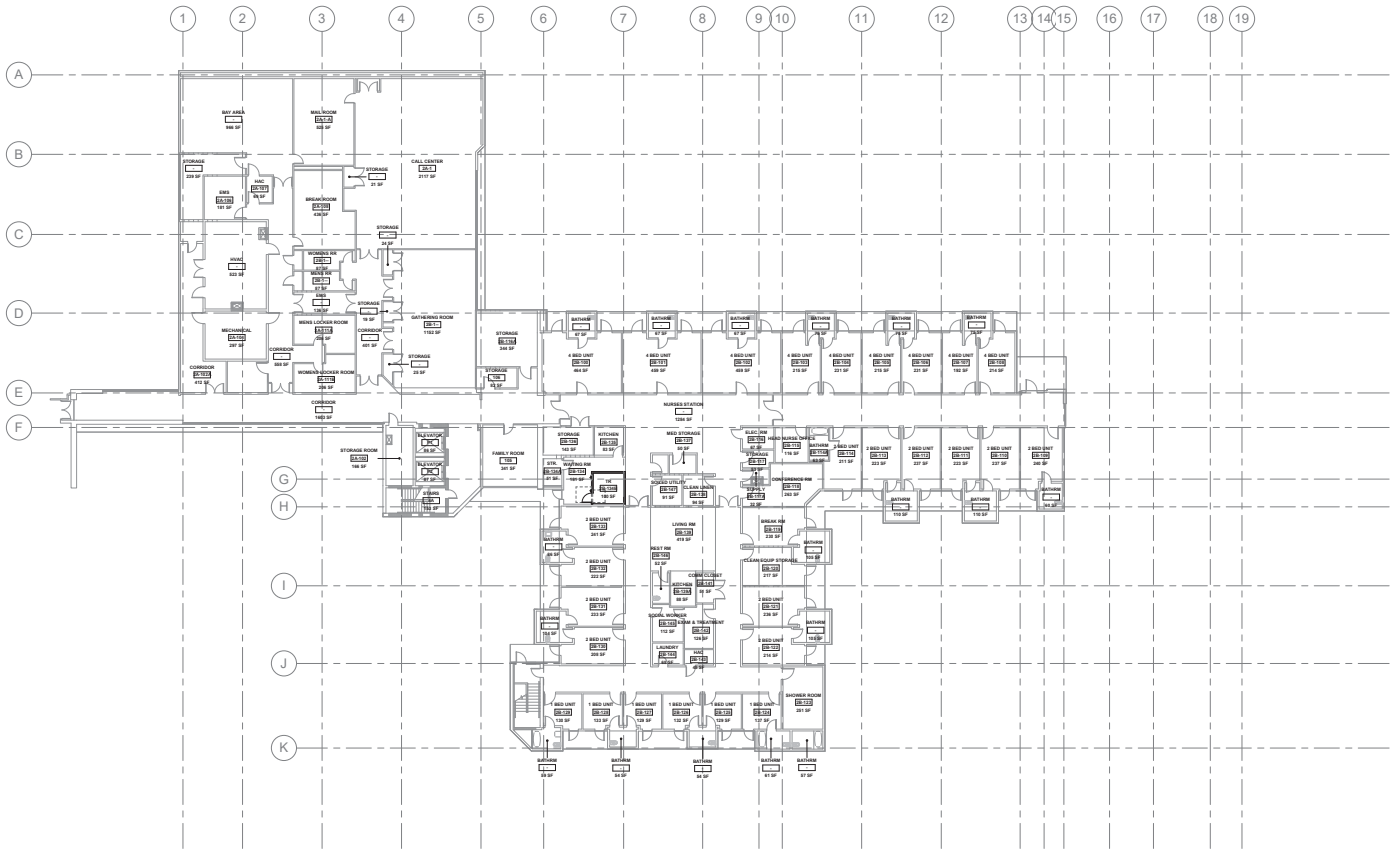
VA FORM 08 - 6231

HAZARDOUS MATERIAL KEYNOTES

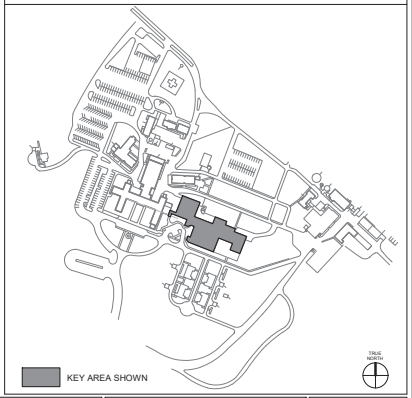
NO KNOWN ASBESTOS OR LEAD-CONTAINING MATERIALS EXIST WITHIN SCOPE OF WORK FOR BUILDING 96.



1 BLDG 096 - LVL 02 - ENVIRONMENTAL HAZARDS

1/16" = 1'-0"

SITE PLAN



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VA U.S. Department of Veterans Affairs

Drawing Title	BLDG 096 - LVL 02 - ENVIRONMENTAL HAZARDS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	CD
Drawn	OB
Project Number	671A4-21-700
Building Number	096
Drawing Number	096HA102

VA FORM 08 - 6231

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SYMBOLS

- EXTERIOR ELEVATION (A-101)
- INTERIOR ELEVATION (A-101)
- BUILDING SECTION FLAG (SIM, A-101)
- WALL SECTION FLAG (SIM, A-101)
- CALLOUT FLAG (TYP, A101)
- VERTICAL GRID LINE
- HORIZONTAL GRID LINE
- TRUE NORTH ARROW
- PROJECT NORTH ARROW (TRUE NORTH DASHED)
- ELEVATION MARKER
- KEY NOTE
- ROOM NAME 101 150 SF — ROOM TAG
- ACT 2x2 9' - 0" AFF — CEILING HEIGHT TAG
- 01A — WALL TAG
- F-1 — FLOOR TAG
- R-1 — ROOF TAG
- 101.1 — DOOR TAG
- W1 — WINDOW TAG
- SOAP DISH A5175 — SPECIALTY EQUIPMENT TAG
- IN-04.02-01 — SIGNAGE TAG
- D86 — SIGNAGE KEY NOTE (AW SHEETS ONLY)
- A01 — SIGNAGE MATERIAL TAG (AW SHEETS ONLY)
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- TO DEMOLISH
- HIDDEN ABOVE OR BELOW
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- SMOKE ZONE
- 1 HR FIRE RATED WALL
- 2 HR FIRE RATED WALL
- SMOKE RATED WALL
- SMOKE & 1 HR FIRE RATED WALL
- FEC — FIRE EXTINGUISHER CABINET
- AREA OF WORK / AREA SHOWN
- CONSTRUCTION ZONE, (- -) PRESSURE
- ANTE ROOM, (-) PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- PATH OF TRAVEL
- EMERGENCY EGRESS PATHWAY
- SEISMIC JOINT
- BATT INSULATION
- RIGID INSULATION
- GYPSUM BOARD, TYPE X
- ACOUSTICAL CEILING TILE, 2' x 2'
- CONCRETE
- STEEL
- PLYWOOD, FIRE RATED
- EARTH
- SUPPLY GRILLE PER MECHANICAL (SIZE & PROPORTIONS MAY VARY)
- RETURN GRILLE PER MECHANICAL (SIZE & PROPORTIONS MAY VARY)
- LIGHTING PER ELECTRICAL (SIZE & PROPORTIONS MAY VARY)

ABBREVIATIONS

&	AND
∠	ANGLE
@	AT
℄	CENTERLINE
°	DEGREES
#	NUMBER
+/-	APPROXIMATE DIMENSION
AB	ANCHOR BOLT
ABA	ARCHITECTURAL BARRIERS ACT
AC(T)	ACOUSTICAL CEILING (TILE)
ACM	ASBESTOS CONTAINING MATERIAL
ACW	ACOUSTICAL WALL
ADA	AMERICANS W/ DISABILITIES ACT
ADJ	ADJACENT
A/E	ARCHITECT/ENGINEER
AF	ACCESS FLOOR
AFF	ABOVE FINISH FLOOR
AGG	AGGREGATE
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATELY
ARCH	ARCHITECT(URAL)
ASPH	ASPHALT
A/V	AUDIO / VIDEO
BARR	BARRIER
BATH	BATHROOM
BB	BACKER BOARD
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BLW	BELOW
BM	BEAM
BMTU	BONE MARROW TRANSPLANT UNIT
BO	BOTTOM OF
BOC	BOTTOM OF CURB
BOS	BOTTOM OF SLAB
BRC	BRACE, BRACING
BRKT	BRACKET
BRNG	BEARING
BTM	BOTTOM
BTWN	BETWEEN
CAB	CABINET
CC	CONTRACTOR FURN, CONTRACTOR INST
CD	CONSTRUCTION/CONTRACT DOCUMENTS
CJ	CONTROL JOINT
CLG	CEILING
CLR	CLEAR(ANCE)
CMU	CONCRETE MASONRY UNIT
CO	CONTRACTING OFFICER
COL	COLUMN
COMP	COMPOSITION
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
COR	CONTRACTING OFFICER REPRESENTATIVE
CORR	CORRIDOR
CS	CONCRETE SEALER
CT	CERAMIC TILE
CTR	CENTER
CV	CONTRACTOR FURNISHED, VA INSTALLED
DBL	DOUBLE
DC	DIRECT CURRENT
DD	DESIGN DEVELOPMENT
DEMO	DEMOLISH(ION)
DEPT	DEPARTMENT
DG	DESIGN GUIDE
DIA	DIAMETER
DIM	DIMENSION
DWN	DOWN
DR	DOOR
DTL	DETAIL
DWG	DRAWING(S)
E	EAST
EA	EACH
EJ	EXPANSION JOINT
ELEC	ELECTRIC(AL)
ELEV	ELEVATION OR ELEVATOR
ENG	ENGINEER(ING)
EOC	EDGE OF CURB
EOP	EDGE OF PAVEMENT
EPDM	ETHYLENE PROPYLENE DIENE TERPOLYMER
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
ETS	EXPOSED TO STRUCTURE
EX(IST)	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FD	FLOOR DRAIN
FE(C)	FIRE EXTINGUISHER (CABINET)
FF	FACTORY FINISH
FFB	FINISH FLOOR BREAK
FFL	FINISH FLOOR LINE
FIN	FINISH(ED)
FLASH	FLASHING
FLR	FLOOR(ING)
FLRSNT	FLORESCENT
FNDN	FOUNDATION
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOS	FACE OF STUDS
FP	FIRE PROOF
FR	FIRE RATED
FRM	FRAME
FT	FOOT, FEET
FTG	FOOTING
FUR	FURRING
FURN	FURNISHED
GA	GAGE, GAUGE
GALV	GALVANIZED
GE	GENERAL ELECTRIC
G(W)B	GYPSUM (WALL) BOARD
GC	GENERAL CONTRACTOR
GL	GRID LINE
GLB	GLUE LAMINATED BEAM
GMU	GLASS MASONRY UNIT
GOV(T)	GOVERNMENT
GYP	GYPSUM BOARD
HDR	HEADER
HDWE	HARDWARE
HM	HOLLOW METAL
HORZ	HORIZONTAL
HPDL	HIGH PRESSURE DECORATIVE LAM
HR	HOUR
HT	HEIGHT
HVAC	HEATING, VENTILATION & AIR CONDITIONING
ICRA	INFECTIOUS CONTROL RISK ASSESSMENT
ID	INSIDE DIAMETER OR DIM
ILSM	INTERIM LIFE SAFETY MEASURES
INCL	INCLUDE(D,ING)
INST	INSTALL
INSUL	INSULATION
INT	INTERIOR
JT	JOINT
KV	KILOVOLT
LAM	LAMINATE(D)
LAV	LAVATORY
LCM	LEAD CONTAINING MATERIAL(S)
LT	LIGHT
MAT	MATERIAL(S)
MAX	MAXIMUM
MDF	MEDIUM-DENSITY FIBREBOARD
MECH	MECHANIC(AL)
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MFR	MANUFACTURE(R)
MIN	MINIMUM
MISC	MISCELLANEOUS
MOD	MODIFIED
MTL	METAL
N	NORTH
N/A	NOT APPLICABLE
NEG	NEGATIVE
NO.	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O.C.	ON CENTER(S)
OPNG	OPENING
OPP	OPPOSITE
OPT	OPTION(AL)
OVHD	OVERHEAD
P	PAINT
PCONC	PRECAST CONCRETE
PCRA	PRE-CONSTRUCTION RISK ASSESSMENT
PL	PLATE
PLAM	PLASTIC LAMINATE
PLY(WD)	PLYWOOD
PNL	PANEL
PR	PAIR
PRFB	PREFABRICATED
PS	PLASTIC
PT	PRESSURE TREATED
PTN(S)	PARTITION(S)
PVMT	PAVEMENT
QTY	QUANTITY
RAD	RADIUS
RCP	REFLECTED CEILING PLAN
REF	REFERENCE
REINF	REINFORCE(D,ING)
REP	REPRESENTATIVE
REQ(s,I'D)	REQUIRE(D,S,MENT(S))
RESIL	RESILIENT
REV	REVERSE
RF	RADIO FREQUENCY / ROOF
RM	ROOM
RMV	REMOVE
RO	ROUGH OPENING
S	SOUTH
SCHED	SCHEDULE
SD	SCHEMATIC DESIGN
SECT	SECTION
SF	SQUARE FEET
SFRM	SPRAY APPLIED FIRE-RESISTIVE MATERIAL
SHG	SHINGLES
SHT(G)	SHEET (SHEATHING)
SIM	SIMILAR
SM	SEAM
SOW	SCOPE OF WORK
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
ST	STAIN
STDG	STANDING
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SV	SHEET VINYL
SYS	SYSTEM
TEMP	TEMPORARY
T&G	TONGUE AND GROOVE
THK	THICK(NESS)
THRESH	THRESHOLD
TOC	TABLE OF CONTENTS
TOS	TOP OF SLAB
TPH	TOILET PAPER HOLDER
TRANS	TRANSITION
TS	TUBE STEEL
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
U.N.O.	UNLESS NOTED OTHERWISE
VA	VETERANS AFFAIRS
VAR	VARIES
VB	VAPOR BARRIER
VC	VA FURNISHED, CONTRACTOR INSTALLED
VERT	VERTICAL
VIF	VERIFY IN FIELD
VV	VA FURNISHED, VA INSTALLED
W	WEST
W/	WITH
WD	WOOD
WDW	WINDOW
WGHT	WEIGHT
W/O	WITHOUT
WP	WATERPROOF(ING)
WR	WATER RESISTANT

GENERAL NOTES

APPLICABLE PUBLICATIONS

AS AN AGENCY OF THE FEDERAL GOVERNMENT, THE VA IS NOT SUBJECT TO LOCAL IMPOSITIONS OF CODE ENFORCEMENT PROCEDURES (DRAWING REVIEWS, BUILDING PERMITS, INSPECTIONS, FEES, ETC). THE VA SHALL FUNCTION AS THE AUTHORITY HAVING JURISTICTION (AHJ).

VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE AND OTHER GUIDANCE ON THE TECHNICAL INFORMATION LIBRARY (TIL).

INTERNATIONAL BUILDING CODE (IBC) 2018.

INTERNATIONAL EXISTING BUILDING CODE (IEBC) 2018.

NATIONAL FIRE PROTECTION AGENCY (NFPA) 101 LIFE SAFETY CODE. NFPA 101 TAKES PRECEDENCE OVER IBC.

NFPA NATIONAL FIRE CODES, WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900.

OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS.

VA SEISMIC DESIGN REQUIREMENTS, H-18-8.

NATIONAL ELECTRICAL CODE (NEC).

INTERNATIONAL PLUMBING CODE (IPC).

SAFETY CODE FOR ELEVATORS AND ESCALATORS, AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) A 17.1.

ASME BOILER AND PRESSURE VESSEL CODE.

ASME CODE FOR PRESSURE PIPING.

ARCHITECTURAL BARRIER ACT ACCESSIBILITY STANDARDS (ABAAS), INCLUDING VA SUPPLEMENT BARRIER FREE DESIGN GUIDE (PG-18-3).

BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AMERICAN CONCRETE INSTITUE AND COMMENTARY (ACI 318).

MANUAL OF STEEL CONSTRUCTION , LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).

ENERGY POLICY ACT OF 2005 (EPACT).

DOE INTERIM FINAL RULE: ENERGY CONSERVATION STANDARDS FOR NEW FEDERAL, COMMERCIAL AND MULTI-FAMILY HIGH-RISE RESIDENTIAL BUILDINGS AND NEW LOW-RISE RESIDENTIAL BUILDINGS, 10 CFR PARTS 433,434 AND 435.

APPLICABLE PUBLICATIONS

FEDERAL LEADERSHIP IN HIGH PERFORMANCE AND SUSTAINABLE BUILDINGS: MEMORANDUM OF UNDERSTANDING (MOU).

EXECUTIVE ORDER 13423: STRENGTHENING FEDERAL ENVIRONMENTAL, ENERGY AND TRANSPORTATON MANAGEMENT.

THE PROVISIONS FOR CONSTRUCTION AND SAFETY SIGNS. STATED IN THE GENERAL REQUIREMENTS SECTION 01 01 0 OF THE VA MASTER CONSTRUCTION SPECIFICATION.

VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY - ASHRAE STANDARD 62.1 - 2004.

SAFETY STANDARD FOR REFRIDERATION SYSTEMS - ASHRAE STANDARD 15 - 2007.

VAMC APPROVED HARDWARE LOCKING STANDARDS.

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).

AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM).

FEDERAL COMMUNICATIONS COMMISSION (FCC), ALL REGULATIONS, PROCEDURES AND STANDARDS FOR TWO-WAY RADIO EQUIPMENT, SYSTEMS AND OPERATION.

ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA).

INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE).

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO), STANDARDS FOR PROTOCOLS AND INTERFACES THAT INCLUDE OPEN SYSTEM INTERCONNECTIONS (OSI).

JOINT COMMISSION ON ACCREDITATION OF HEALTHCARE ORGANIZATIONS (JACHO), ENVIRONMENT OF CARE GUIDELINES AND STANDARDS.

FACILITIES GUIDELINES INSTITUTE (FGI): 2010 , OR MOST CURRENT ISSUE, GUIDELINES FOR THE DESIGN AND CONSTRUCTION OF HEALTH CARE FACILITIES.

THE AMERICAN INSTITUTE OF ARCHITECTS (AIA) AND NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS(NSPE) RECENT ADDITIONS TO THEIR PROFESSIONAL CODES OF ETHICS ENCOURAGING "ENVIRONMENTALLY RESPONSIBLE DESIGN".

ARCHITECTURAL NOTES

1. ALL WORK DONE BY THE CONTRACTOR OR SUB-CONTRACTORS SHALL BE PERFORMED WITH A HIGH LEVEL OF WORKMANSHIP.
2. MAINTAIN A SAFE, CLEAN CONSTRUCTION ZONE AT ALL TIMES.
3. DO NOT SCALE DRAWINGS.
4. DIMENSIONS ARE NOT ADJUSTABLE UNLESS NOTED WITH A +/- SYMBOL. ONLY NORMAL INDUSTRY STANDARD TOLERANCES ARE ACCEPTABLE DEVIATIONS FROM DIMENSIONS INDICATED.
5. ALL DIMENSIONS NOTED AS CLEAR SHALL MAINTAIN THE FULL SPACE INDICATED WITHOUT ENCROACHMENTS.
6. FURNISH ALL MATERIALS & PRODUCTS TO COMPLY WITH THE CONTRACT DOCUMENTS.
7. ALL VERTICAL HEIGHTS INDICATED ARE FROM THE FINISH FLOOR ELEVATION, UNLESS OTHERWISE NOTED (U.O.N.).
8. ANY AND ALL WALL MOUNTED EQUIPMENT SHALL HAVE BLOCKING IN WALL BEHIND, THIS INCLUDES BACKING FOR WALL MOUNTED DOOR STOPS. ENSURE THAT ALL REQUIRED BACKING IS INSTALLED IN WALLS PRIOR TO INSTALLING DRYWALL.
9. IN TOILET ROOMS PROVIDE STAINLESS STEEL FILLER BEHIND ANY MIRRORS AND OTHER WALL MOUNTED ACCESSORIES WHEN ITEM IS INSTALLED PARTIALLY OVER CERAMIC TILE.

Revisions:	Date:

CONSULTANT/ DISCIPLINE

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL SYMBOLS & ABBREVIATIONS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number:
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Drawing Number: A-001
		Issue Date: 11/21/2025 · Checked: MK · Drawn: AK	32 of 339

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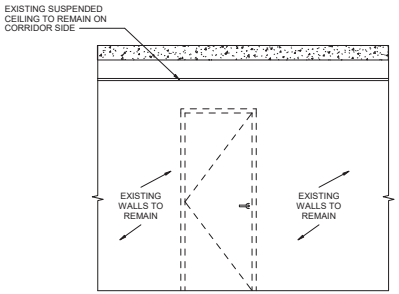
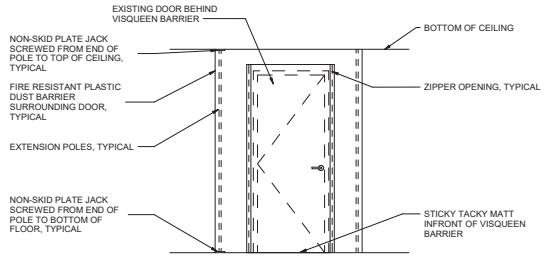
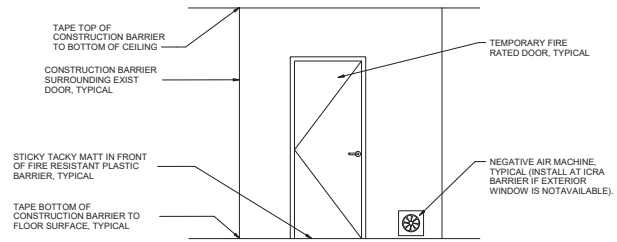


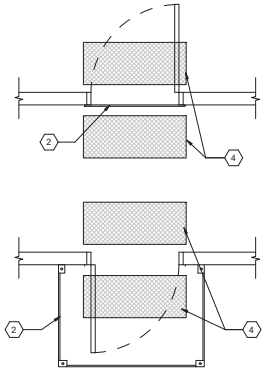
1 ICRA CLASS I DETAIL
1/2" = 1'-0"



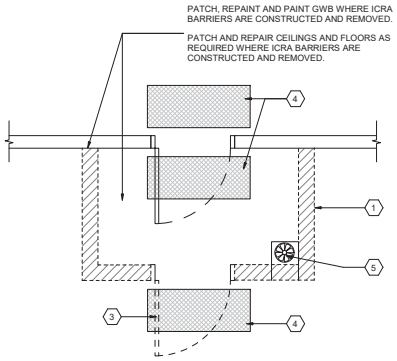
2 ICRA CLASS II DETAIL
1/2" = 1'-0"



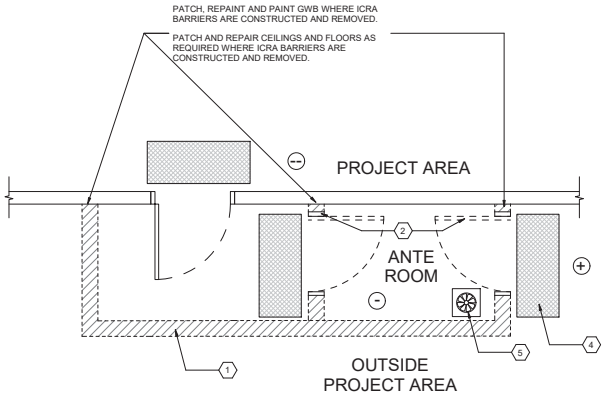
3 ICRA CLASS III DETAIL
1/2" = 1'-0"



4 TYPICAL ICRA CLASS II BARRIER - PLAN VIEW
1/2" = 1'-0"



5 TYPICAL ICRA CLASS III DETAIL - PLAN VIEW
1/2" = 1'-0"



6 TYPICAL ICRA CLASS IV BARRIER - PLAN VIEW
1/2" = 1'-0"

CLASS I ICRA REQUIREMENTS

A. DURING CONSTRUCTION WORK:
1. NOTIFY THE VA RESIDENT ENGINEER & IC STATION REPRESENTATIVE.
2. EXECUTE WORK BY METHODS TO MINIMIZE RAISING DUST FROM CONSTRUCTION OPERATIONS.
3. CEILING TILES: IMMEDIATELY REPLACE A CEILING TILES DISPLACED FOR VISUAL INSPECTION.

B. UPON COMPLETION:
1. CLEAN WORK AREA UPON COMPLETION OF TASK.
2. NOTIFY THE VA RESIDENT ENGINEER & IC STATION REPRESENTATIVE..

CLASS II ICRA REQUIREMENTS

A. DURING CONSTRUCTION WORK:
1. NOTIFY THE VA RESIDENT ENGINEER & IC STATION REPRESENTATIVE..
2. PROVIDE ACTIVE MEANS TO PREVENT AIRBORNE DUST FROM DISPERSING INTO ATMOSPHERE. SUCH AS WET METHODS OR TOOL MOUNTED DUST COLLECTORS WHERE POSSIBLE.
3. WATER MIST WORK SURFACES TO CONTROL DUST WHILE CUTTING.
4. SEAL UNUSED DOORS WITH DUCT TAPE.
5. BLOCK OFF AND SEAL AIR VENTS.
6. REMOVE OR ISOLATE HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.

B. UPON COMPLETION:
1. WIPE WORK SURFACES WITH CLEANER/DISINFECTANT.
2. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS.
3. WET MOP AND/OR VACUUM WITH HEPA FILTERED VACUUM BEFORE LEAVING WORK AREA.
4. UPON COMPLETION, RESTORE HVAC SYSTEM WHERE WORK WAS PERFORMED.
5. NOTIFY THE VA RESIDENT ENGINEER & IC STATION REPRESENTATIVE..

CLASS III ICRA REQUIREMENTS

A. DURING CONSTRUCTION WORK:
1. REMOVE OR ISOLATE HVAC SYSTEM IN AREA WHERE WORK IS BEING DONE TO PREVENT CONTAMINATION OF DUCT SYSTEM.
2. COMPLETE ALL CRITICAL BARRIERS I.E. SHEETROCK, PLYWOOD, PLASTIC, TO SEAL AREA FROM NON WORK AREA OR IMPLEMENT CONTROL CUBE METHOD (CART WITH PLASTIC COVERING AND SEALED CONNECTION TO WORK SITE WITH HEPA VACUUM FOR VACUUMING PRIOR TO EXIT) BEFORE CONSTRUCTION BEGINS.
3. MAINTAIN NEGATIVE AIR PRESSURE WITHIN WORK SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS.
4. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS.
5. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING UNLESS SOLID LID.

B. UPON COMPLETION:
1. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY THE SAFETY DEPARTMENT AND INFECTION CONTROL, THOROUGHLY CLEANED BY THE VA ENVIRONMENTAL SERVICES DEPARTMENT.
2. REMOVE BARRIER MATERIAL CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION.
3. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING UNLESS SOLID LID.
4. VACUUM WORK AREA WITH HEPA FILTERED VACUUMS.
5. WET MOP AREA WITH DISINFECTANT.
6. REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.

CLASS IV ICRA REQUIREMENTS

A. DURING CONSTRUCTION WORK:
1. ISOLATE HVAC SYSTEM IN AREA WHERE WORK IS BEING DONE TO PREVENT CONTAMINATION OF DUCT SYSTEM.
2. COMPLETE ALL CRITICAL BARRIERS I.E. SHEETROCK, PLYWOOD, PLASTIC, TO SEAL AREA FROM NON WORK AREA OR IMPLEMENT CONTROL CUBE METHOD (CART WITH PLASTIC COVERING AND SEALED CONNECTION TO WORK SITE WITH HEPA VACUUM FOR VACUUMING PRIOR TO EXIT) BEFORE CONSTRUCTION BEGINS.
3. MAINTAIN NEGATIVE AIR PRESSURE WITHIN WORK SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS.
4. SEAL HOLES, PIPES, CONDUITS, AND PUNCTURES APPROPRIATELY.
5. CONSTRUCT ANTEROOM AND REQUIRE ALL PERSONNEL TO PASS THROUGH THIS ROOM SO THEY CAN BE VACUUMED USING A HEPA VACUUM CLEANER BEFORE LEAVING WORK SITE OR THEY CAN WEAR CLOTH OR PAPER COVERALLS THAT ARE REMOVED EACH TIME THEY LEAVE THE WORK SITE.
6. ALL PERSONNEL ENTERING WORK SITE ARE REQUIRED TO WEAR SHOE COVERS. SHOE COVERS MUST BE CHANGED EACH TIME THE WORKER EXITS THE WORK AREA.

B. UPON COMPLETION:
1. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY THE SAFETY DEPARTMENT AND INFECTION CONTROL, THOROUGHLY CLEANED BY THE VA ENVIRONMENTAL SERVICES DEPARTMENT.
2. REMOVE BARRIER MATERIAL CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION.
3. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS.
4. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING UNLESS SOLID LID.
5. VACUUM WORK AREA WITH HEPA FILTERED VACUUMS.
6. WET MOP AREA WITH DISINFECTANT.
7. REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.

LEGEND

- (+) PRESSURE
- CONSTRUCTION ZONE, (- -) PRESSURE
- ANTE ROOM, (-) PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MATT
- NEGATIVE AIR MACHINE

KEY NOTES (THIS SHEET ONLY)

1. INSTALL TEMPORARY 1 HR CONSTRUCTION ICRA BARRIER TO SEPARATE CONSTRUCTION AREA FROM OCCUPIED SPACE.
2. INSTALL TEMPORARY PLASTIC FIRE RESISTANT, DUST BARRIER. MAY ONLY BE DURING NON FUNCTIONAL MEDICAL CENTER HOURS.
3. INSTALL FIRE RESISTANT TEMPORARY DOOR AT OPENING AND MATCH RATING OF ICRA BARRIER, TYPICAL.
4. PLACE TACKY CONSTRUCTION WALK-OFF MATS AT ENTRANCE AND EXIT SIDE OF CONSTRUCTION ACTIVITY AREAS, TYPICAL.
5. FOR CLASS III, NEGATIVE AIR MACHINE IS REQUIRED AND SHALL BE LOCATED EITHER AT THE ICRA BARRIER OR AT AN EXTERIOR WINDOW. COORDINATE WITH VA INFECTIOUS PREVENTION TEAM AND VA RESIDENT ENGINEER.

GENERAL NOTES

1. COMPLY WITH ALL REQS LISTED IN THE INFECTION CONTROL SECTION OF SPECIFICATION 01 35 26 - SAFETY REQUIREMENTS.
2. CONSTRUCTION ZONE ENTRANCES AND EXITS SHALL BE LOCKED AT ALL TIMES UNLESS IN USE BY THE CONTRACTOR. WHEN IN USE, ACCESS WILL BE CONTROLLED AND MONITORED BY THE CONTRACTOR.
3. ADHESIVE WALK OFF CONSTRUCTION MATS TO BE USED AT ALL CONSTRUCTION ZONE AND ANTE ROOM ENTRANCES AND EXITS.
4. TEMP BARRIERS AND DOORS MAY ONLY BE DEMOLISHED ONCE GIVEN FINAL APPROVAL BY THE VA COR.
5. COORDINATE WITH VA RESIDENT ENGINEER AND VA INFECTION CONTROLS FOR ICRA/PCRA FORMS AND REQUIREMENTS. REFER TO COVER SHEET FOR LOCAL CONTACT INFORMATION.

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ICRA DETAILS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number
		Issue Date: 11/21/2025; Checked: KG / EM; Drawn: CO	Drawing Number: AS101

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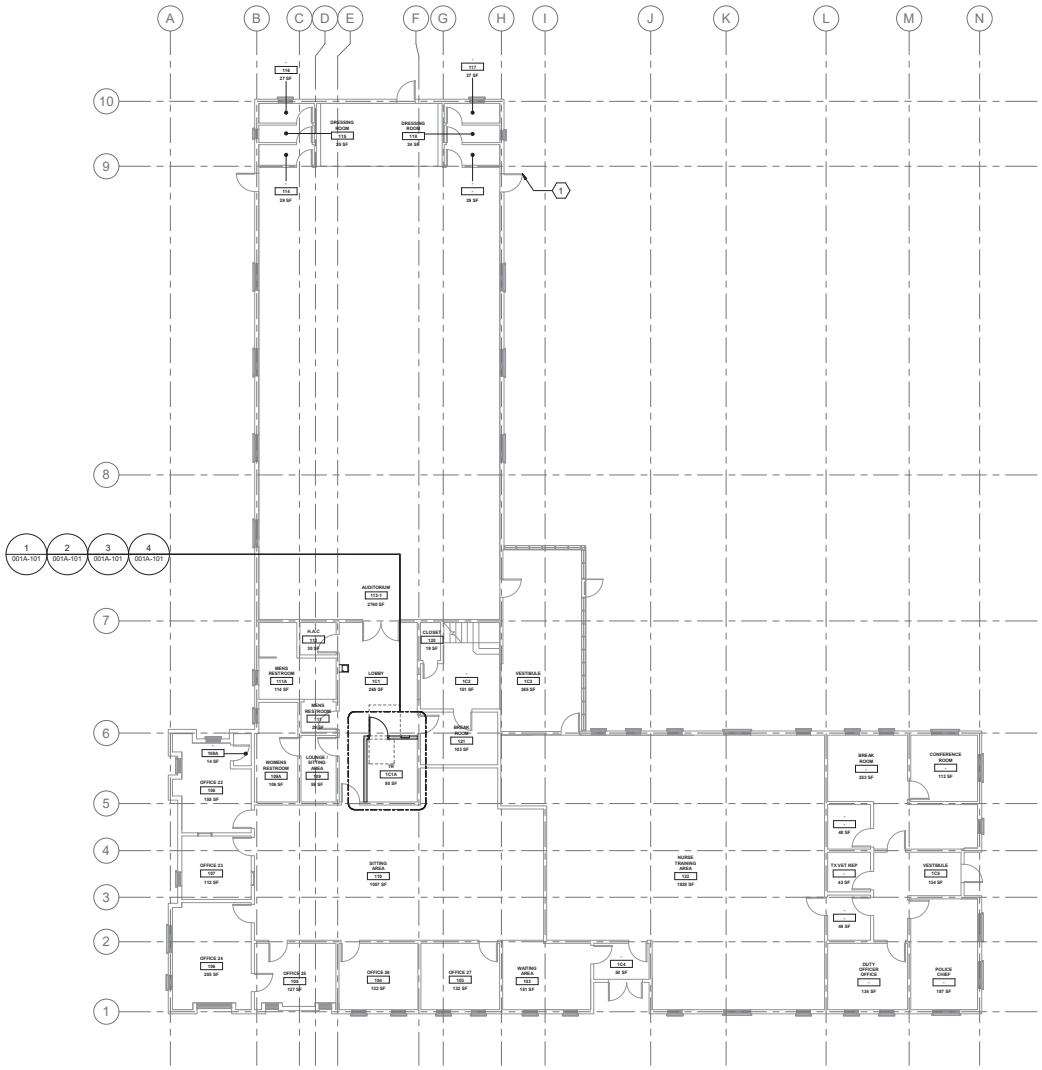


1 BUILDING 001 - LEVEL 01 - ARCHITECTURAL PLAN
1/8" = 1'-0"

PROJECT NORTH

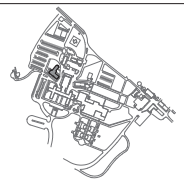
GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SHEET KEYNOTES

1 ALTERNATE ACCESS ROUTES TO BE COORDINATED WITH VA RESIDENT ENGINEER.

SITE PLAN



KEY AREA SHOWN

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U.S. Department of Veterans Affairs

Drawing Title	BLDG 001 - LVL 01 - ARCHITECTURAL PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG
Drawn	PQ
Project Number	671A4-21-700
Building Number	001
Drawing Number	001A-201

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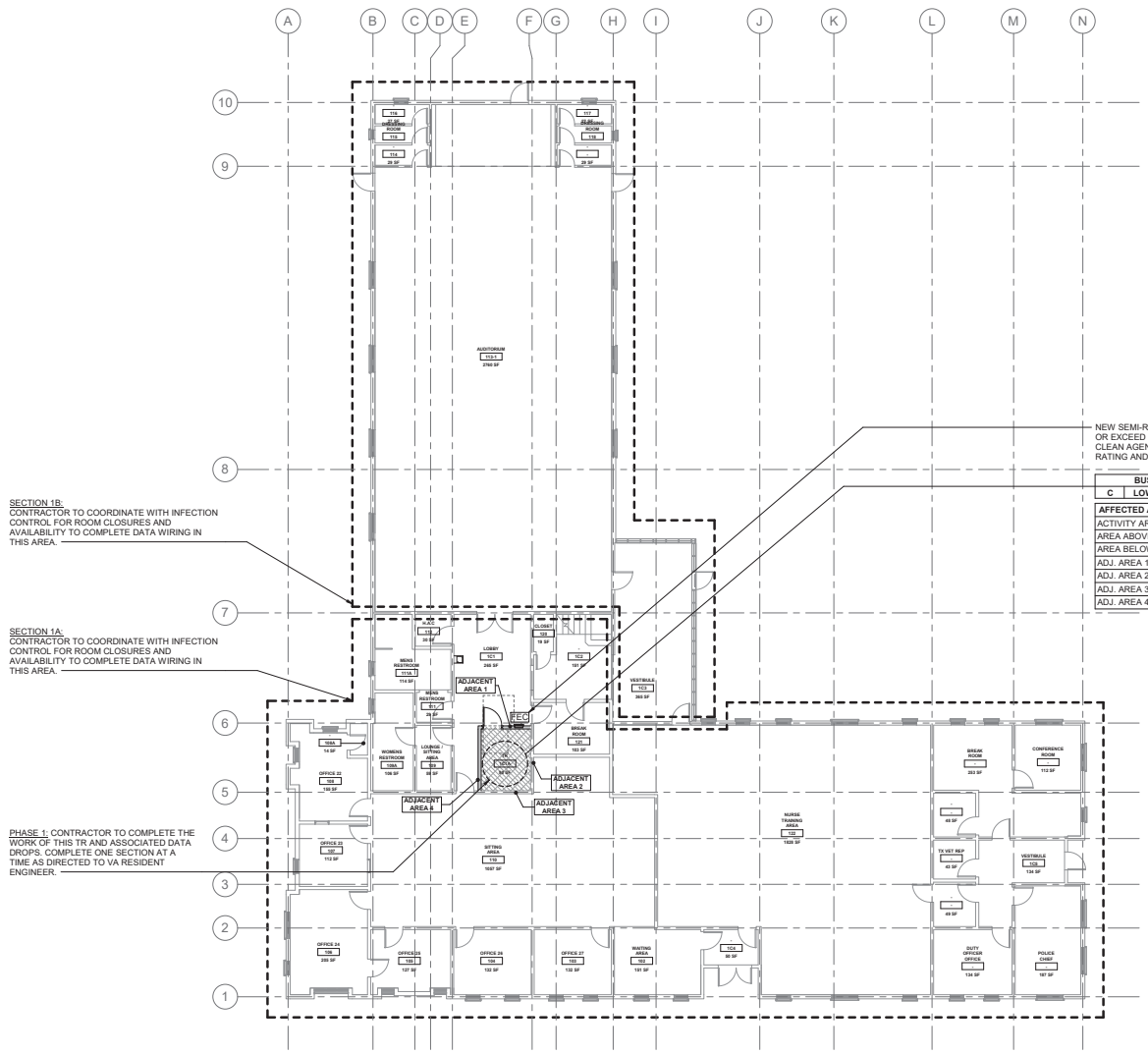


NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603

BUS		
C	LOW	II

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	1C1A
AREA ABOVE	N/A
AREA BELOW	N/A
ADJ. AREA 1	LOBBY
ADJ. AREA 2	REPRODUCTION MAIL ROOM
ADJ. AREA 3	REPRODUCTION MAIL ROOM
ADJ. AREA 4	LOBBY

SECTION 1B:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

SECTION 1A:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

PHASE 1: CONTRACTOR TO COMPLETE THE WORK OF THIS TR AND ASSOCIATED DATA DROPS. COMPLETE ONE SECTION AT A TIME AS DIRECTED TO VA RESIDENT ENGINEER.

1 BUILDING 001 - LEVEL 01 - PHASING PLAN

1/8" = 1'-0"

PROJECT NORTH

RATED BOUNDARY KEY

- FIRE WALL (2 HOUR MINIMUM)
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION

ICRA PHASING PLAN LEGEND

- PROPOSED TR/ TE LOCATION
- ICRA PHASING LINE
- XFEC — EXIST. FIRE EXTINGUISHER/ CABINET
- FEC — PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

- OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY CHANGE NOTED PER BELOW- (EXIST.) **HC IN-PAT to** (PROP.) **STOR.**
- LEVEL OF INFECTION CONTROL **I, II, III or IV**
- PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**
- CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

CLASS I **CLASS III**
CLASS II **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

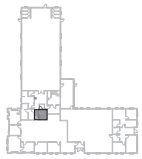
AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

KEY PLAN



KEY AREA SHOWN

PROJECT NORTH

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Drawing Title	Phase	Project Title	Project Number
BLDG 001 - LVL 01 - PHASING PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 001
		Issue Date: 11/21/2025 · Checked: KG / EM · Drawn: ME	Drawing Number: 001AS101

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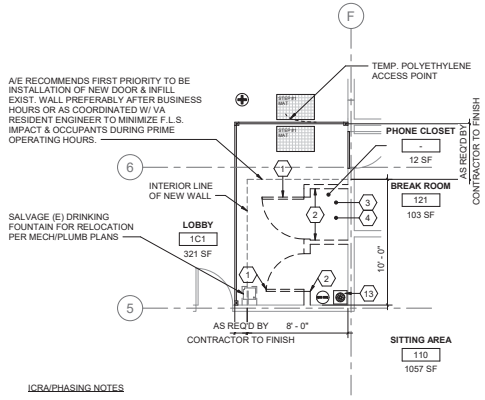
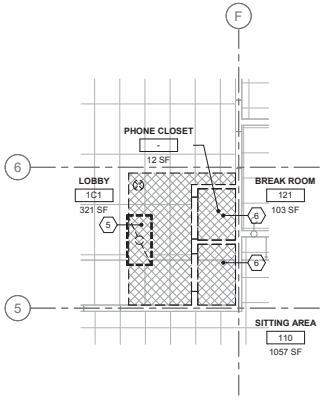


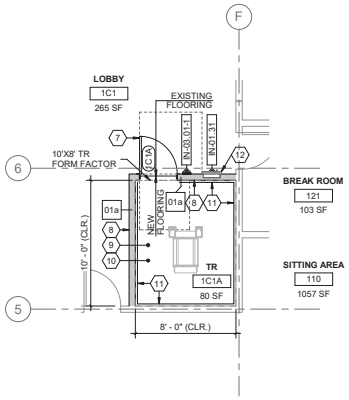
ICRA/PHASING NOTES

1. REFER TO GENERAL ICRA PHASING NOTES, KEY NOTES & KEY SYMBOLS IN THE MARGIN THIS PAGE WHICH ARE ALL APPLICABLE TO THIS LOCATION.
2. TEMPORARY DOORS MAY BE USED DURING PHASING & WHERE USED THEY ARE REQ'D TO MATCH THE EXIST. WALL ASSEMBLY'S FIRE RATINGS/DOOR OPENING PENETRATION RATING & PER NFPA 101.

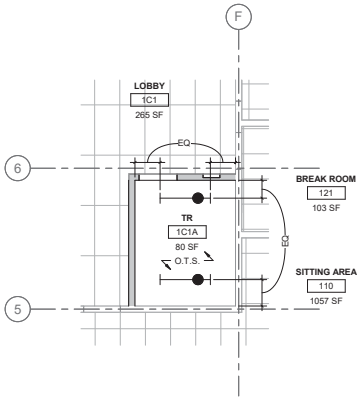
1 RM 1C1 - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 1C1 - DEMO RCP
1/4" = 1'-0"



3 RM 1C1A - FLOOR PLAN
1/4" = 1'-0"



4 RM 1C1A - RCP
1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

RATED BOUNDARY KEY

- FIRE WALL (2 HOUR MINIMUM)
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR REQUIREMENTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

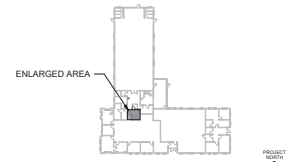
KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH EXISTING DOOR/FRAME.
2. DEMOLISH EXISTING WALL. PATCH EXPOSED WALL INTERSECTIONS TO MATCH EXISTING.
3. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
4. DEMOLISH EXISTING BASE. REMOVE EXISTING ADHESIVE AND PREPARE FOR NEW BASE.
5. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED. PATCH AND REPAIR REMAINING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
6. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED.
7. INSTALL NEW DOOR/FRAME.
8. CONSTRUCT NEW WALL. PATCH AND PAINT TO MATCH EXISTING.
9. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
10. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
11. INSTALL FRT PLYWOOD OVER WALLS AS NEEDED PER DETAIL 3/AE421, TYPICAL.
12. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

ICRA KEYNOTES

13. CONTRACTOR TO COORDINATE ROUTING & TERMINATION OF TEMPORARY VENTILATION / PRESSURIZATION IN ACCORDANCE W/ SPEC. REQUIREMENTS, VA RESIDENT ENGINEER DIRECTION & SITE CONDITION / EXIST. CONDITION CONSTRAINTS.

KEY PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 001 - LVL 01 - DEMO, FLOOR PLAN & RCPS
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	001
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Drawing Number	001A-101
Issue Date	11/21/2025
Checked	KG / EM
Drawn	MA

VA FORM 08 - 6231

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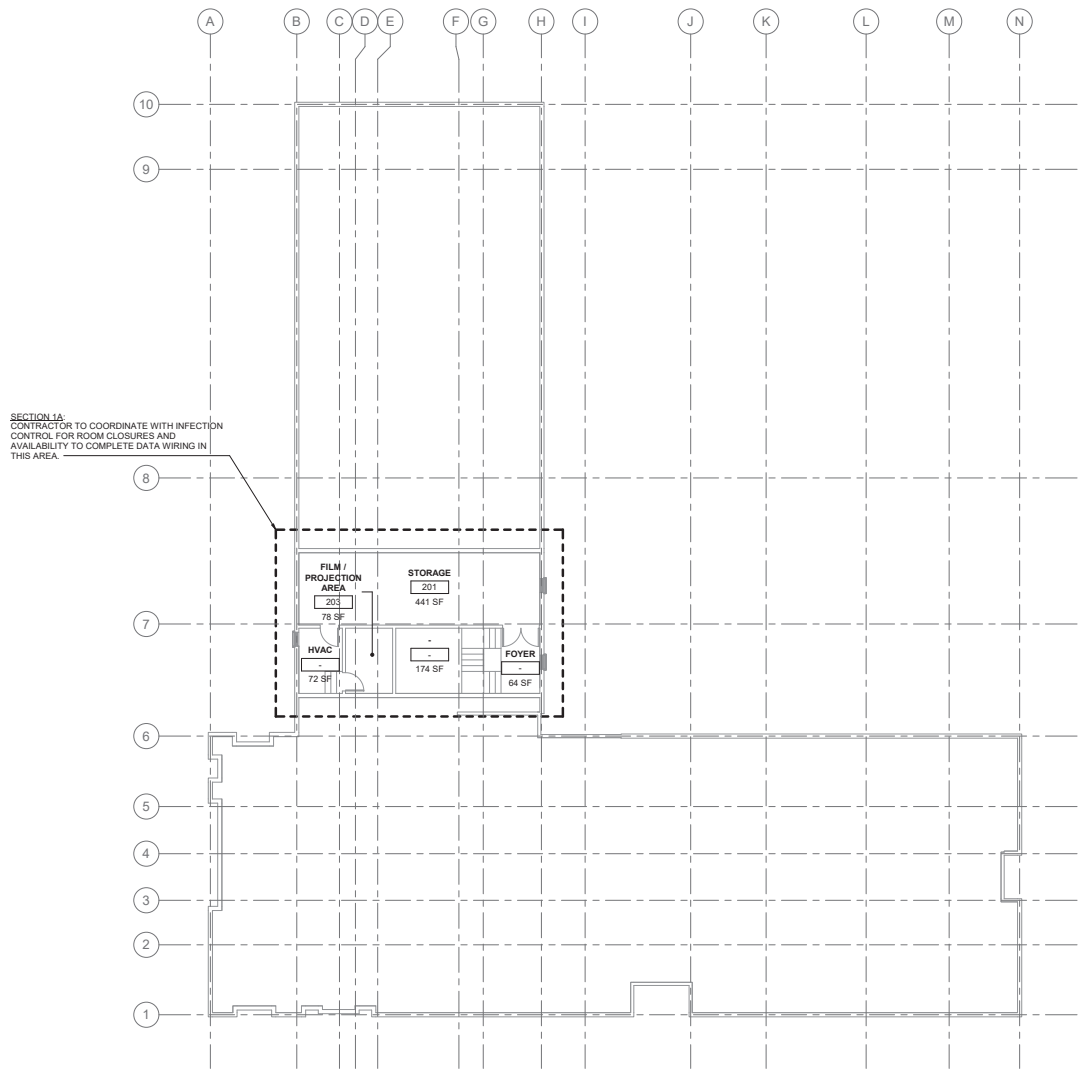


1 BUILDING 001 - LEVEL 02 - PHASING PLAN
1/8" = 1'-0"

PROJECT NORTH

RATED BOUNDARY KEY	
	FIRE WALL (2 HOUR MINIMUM)
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER
	SMOKE PARTITION

ICRA PHASING PLAN LEGEND

- PROPOSED TR/ TE LOCATION
- ICRA PHASING LINE
- XFEC — EXIST. FIRE EXTINGUISHER/ CABINET
- FEC — PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

- OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY CHANGE NOTED PER BELOW- (EXIST.) **HC IN-PAT to** (PROP.) **STOR.**
- LEVEL OF INFECTION CONTROL **I, II, III or IV**
- PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**
- CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

CLASS I **CLASS III**
CLASS II **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

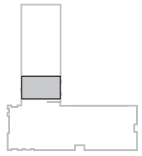
AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROLS (IC WILL INSPECT WORK BEING DONE; VA RESIDENT ENGINEER WILL COORDINATE WORK BEING DONE)
VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS

LEVEL I-II **LEVEL III-IV**

KEY PLAN



KEY AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

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1/22/2026

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 001 - LVL 02 - PHASING PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 001
		Issue Date: 11/21/2025 · Checked: KG / EM · Drawn: ME	Drawing Number: 001AS102
			37 of 339

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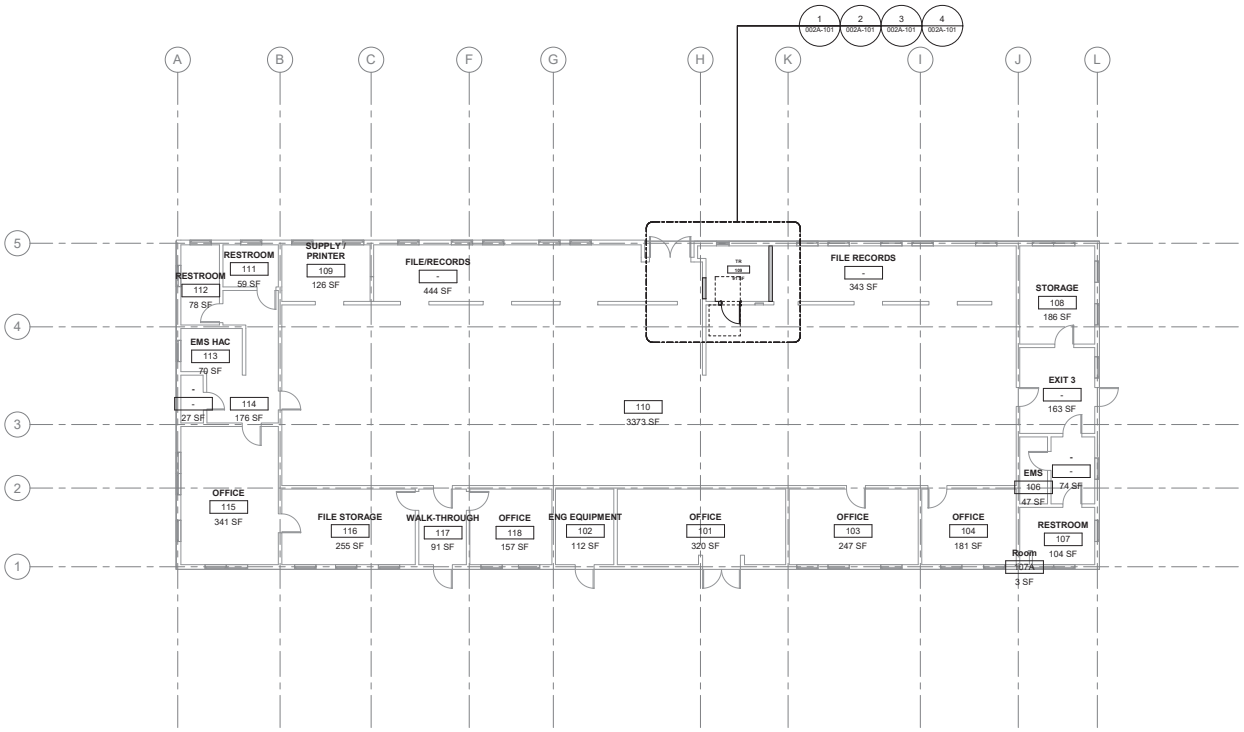


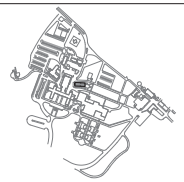
1 BUILDING 002 - LEVEL 01 - ARCHITECTURAL PLAN
1/8" = 1'-0"

PROJECT NORTH

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

TRUE NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

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1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 002 - LVL 01 - ARCHITECTURAL PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: KG

Drawn: PQ

Project Number: 671A4-21-700

Building Number: 002

Drawing Number: 002A-201

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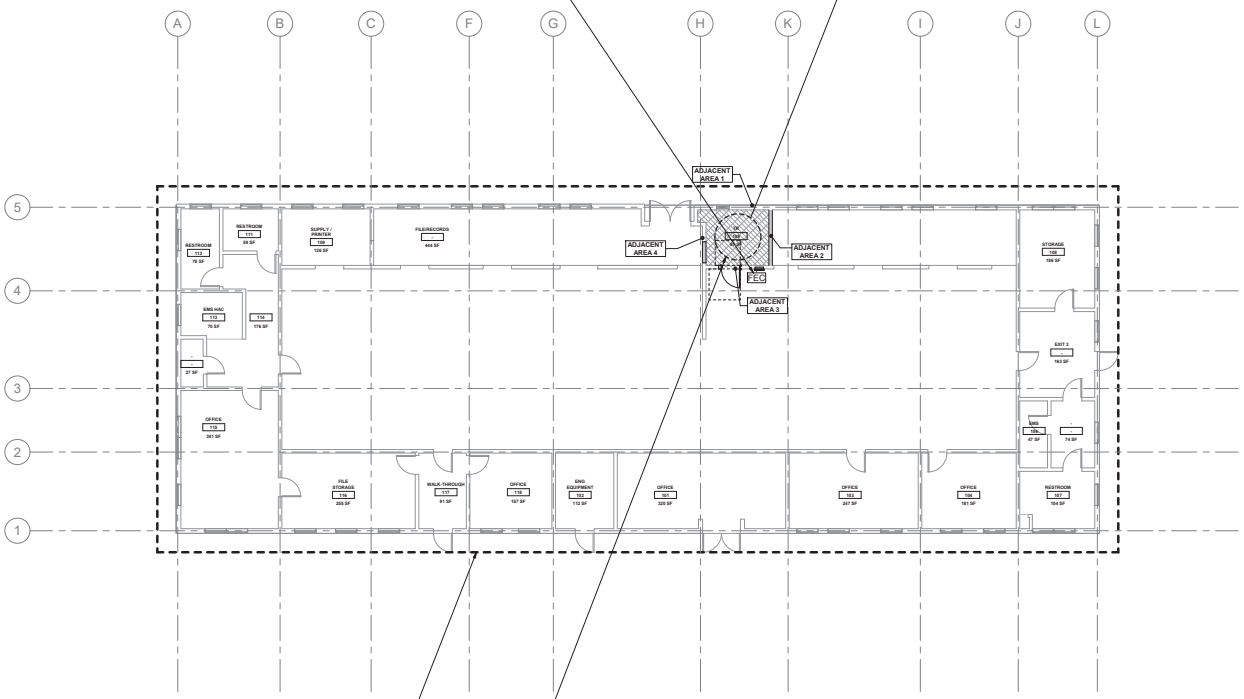
VA FORM 08 - 6231

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR - 109
AREA ABOVE	N/A
AREA BELOW	N/A
ADJ. AREA 1	N/A
ADJ. AREA 2	NO ROOM NAME
ADJ. AREA 3	NO ROOM NAME
ADJ. AREA 4	NO ROOM NAME

BUS		
C	LOW	II

NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.



SECTION :
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

PHASE 1: CONTRACTOR TO COMPLETE THE WORK OF THIS TR AND ASSOCIATED DATA DROPS. COMPLETE ONE SECTION AT A TIME AS DIRECTED TO VA RESIDENT ENGINEER.

1 BUILDING 002 - LEVEL 01 - PHASING PLAN

1/8" = 1'-0"

PROJECT NORTH

RATED BOUNDARY KEY	
	FIRE WALL (2 HOUR MINIMUM)
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER
	SMOKE PARTITION

ICRA PHASING PLAN LEGEND	
	PROPOSED TR/ TE LOCATION
	ICRA PHASING LINE
XFEC	EXIST. FIRE EXTINGUISHER/ CABINET
FEC	PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY
CHANGE NOTED PER BELOW-
(EXIST.) **HC IN-PAT to** (PROP.) **STOR.**

LEVEL OF INFECTION CONTROL
I, II, III or IV

PATIENT RISK CATEGORY
LOW, MEDIUM, HIGH or HIGH +

CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
A, B, C or D

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

CLASS I	**CLASS III**
CLASS II	**CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

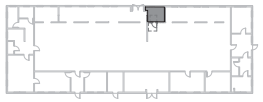
AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

KEY PLAN



KEY AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

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1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 002 - LVL 01 - PHASING PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 002
		Issue Date: 11/21/2025 / Checked: KG / EM / Drawn: ME	Drawing Number: 002AS101
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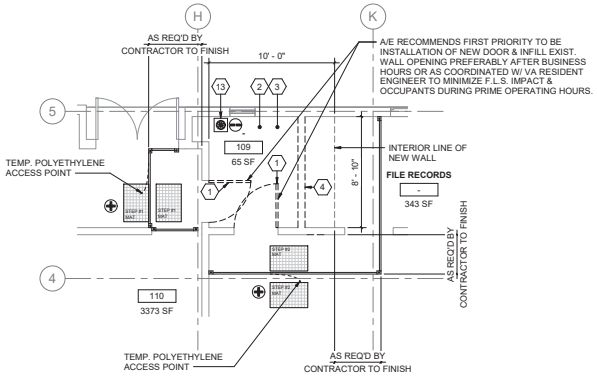
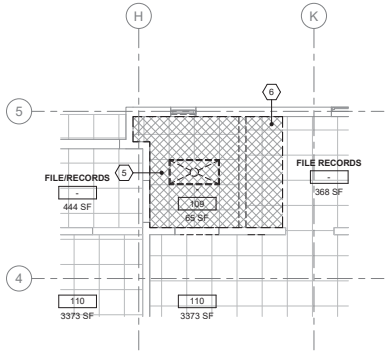
VA FORM 08 - 6231



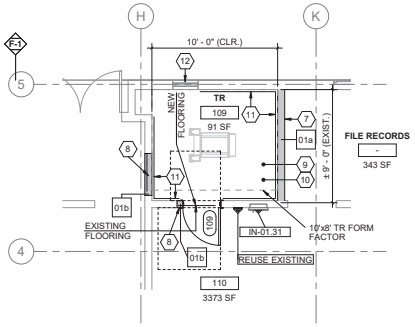
ICRA/PHASING NOTES

1. REFER TO GENERAL ICRA PHASING NOTES, KEY NOTES & KEY SYMBOLS IN THE MARGIN THIS PAGE WHICH ARE ALL APPLICABLE TO THIS LOCATION.
2. TEMPORARY DOORS MAY BE USED DURING PHASING & WHERE USED THEY ARE REQ'D TO MATCH THE EXIST. WALL ASSEMBLY'S FIRE RATINGS/DOOR OPENING PENETRATION RATING & PER NFPA 101.

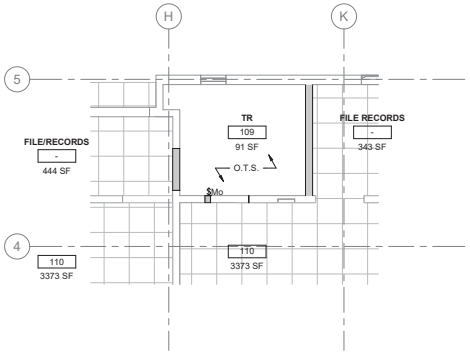
1 RM 109 - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 109 - DEMO RCP
1/4" = 1'-0"



3 RM 109 - FLOOR PLAN
1/4" = 1'-0"



4 RM 109 - RCP
1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

RATED BOUNDARY KEY

- FIRE WALL (2 HOUR MINIMUM)
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

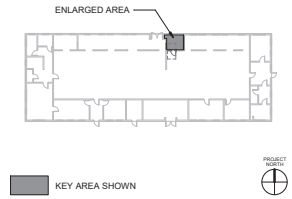
1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR REQUIREMENTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. PATCH AND REPAIR GWB WHERE DOOR IS DEMOLISHED AND A NEW DOOR WILL BE INSTALLED.
9. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH EXISTING DOOR/FRAME.
2. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
3. DEMOLISH EXISTING BASE. REMOVE EXISTING ADHESIVE AND PREPARE FOR NEW BASE.
4. DEMOLISH EXISTING WALL. PATCH EXPOSED WALL INTERSECTIONS TO MATCH EXISTING.
5. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED.
6. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED. PATCH AND REPAIR REMAINING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
7. CONSTRUCT NEW WALL. PATCH AND PAINT TO MATCH EXISTING.
8. INFILL WALL, PATCH AND PAINT TO MATCH EXISTING.
9. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
10. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
11. INSTALL FRT PLYWOOD OVER WALLS AS NEEDED PER DETAIL 3/AE421, TYPICAL.
12. INSTALL PHYSICAL SECURITY AT INTERIOR OF EXISTING WINDOW. REFERENCE DETAIL 1/A603.
13. CONTRACTOR TO COORDINATE ROUTING & TERMINATION OF TEMPORARY VENTILATION / PRESSURIZATION IN ACCORDANCE W/ SPEC. REQUIREMENTS, VA RESIDENT ENGINEER DIRECTION & SITE CONDITION / EXIST. CONDITION CONSTRAINTS.

ICRA KEYNOTES

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 002 - LVL 01 - DEMO, FLOOR PLAN & RCPS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Project Number: 671A4-21-700

Building Number: 002

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: KG / EM

Drawn: CO

Drawing Number: 002A-101

VA FORM 08 - 6231

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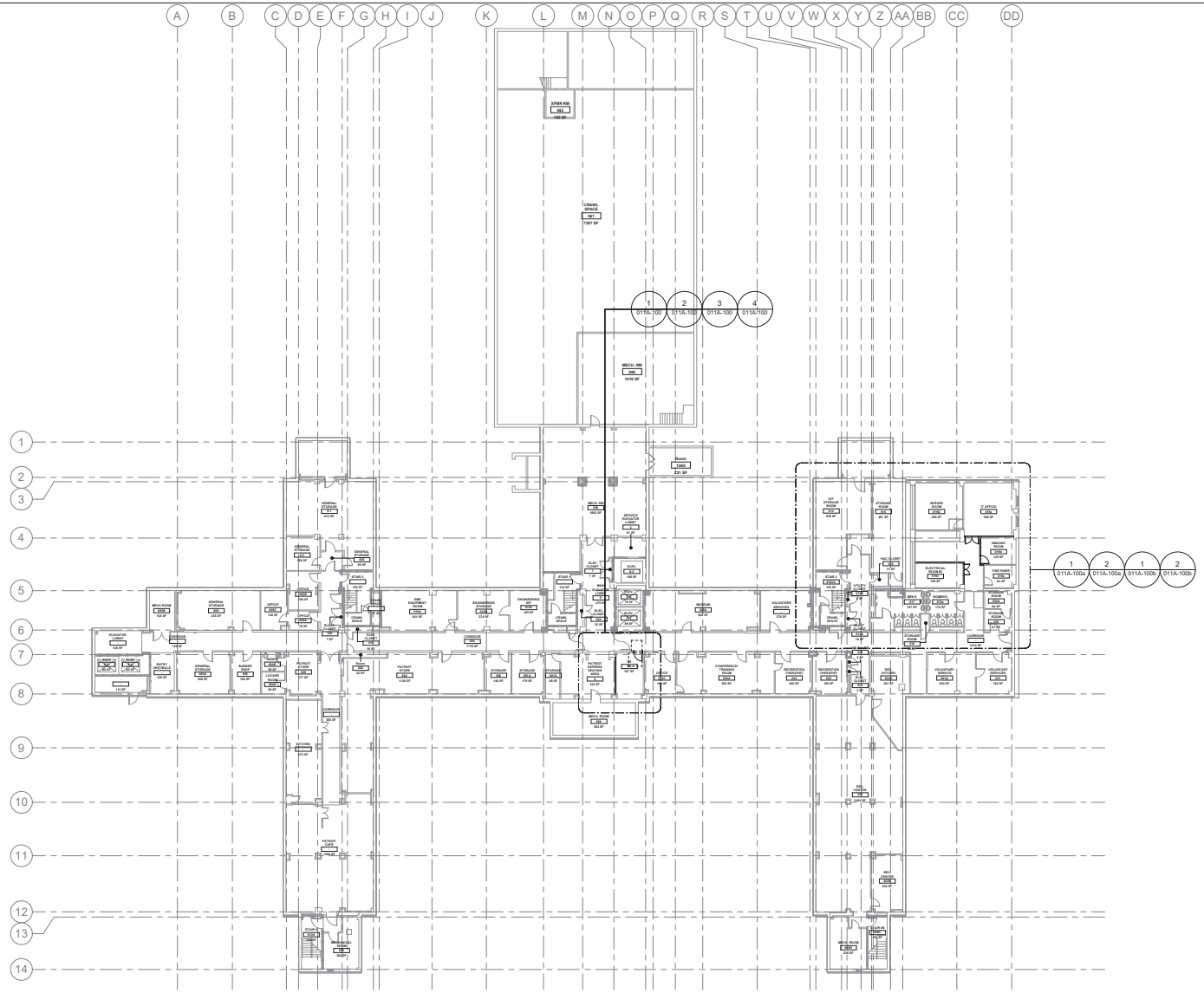
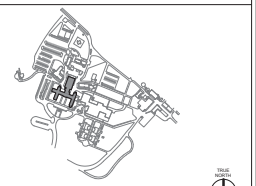


1 BUILDING 011 - LEVEL 00 - ARCHITECTURAL PLAN
1/16" = 1'-0"

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 00 - ARCHITECTURAL PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: KG

Drawn: PQ

Project Number: 671A4-21-700

Building Number: 011

Drawing Number: 011A-200

VA FORM 08 - 6231

Autodesk Docs://671A4-21-700/VA TX Kerrville EHRM/VATX_11_AR_3338.rvt

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RATED BOUNDARY KEY
1 HOUR FIRE BARRIER
2 HOUR FIRE BARRIER
3 HOUR FIRE BARRIER
SMOKE PARTITION

ICRA PHASING PLAN LEGEND	
(○)	PROPOSED TR/ TE LOCATION
— — —	ICRA PHASING LINE
XFEC	EXIST. FIRE EXTINGUISHER/ CABINET
FEC	PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY CHANGE NOTED PER BELOW- (EXIST.) **HC IN-PAT to** (PROP.) **STOR.**

LEVEL OF INFECTION CONTROL **I, II, III or IV**

PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**

CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

PHASE 1:-
CONTRACTOR TO COMPLETE THE WORK OF THIS TR AND ASSOCIATED DATA DROPS. COMPLETE ONE SECTION AT A TIME AS DIRECTED TO VA RESIDENT ENGINEER.

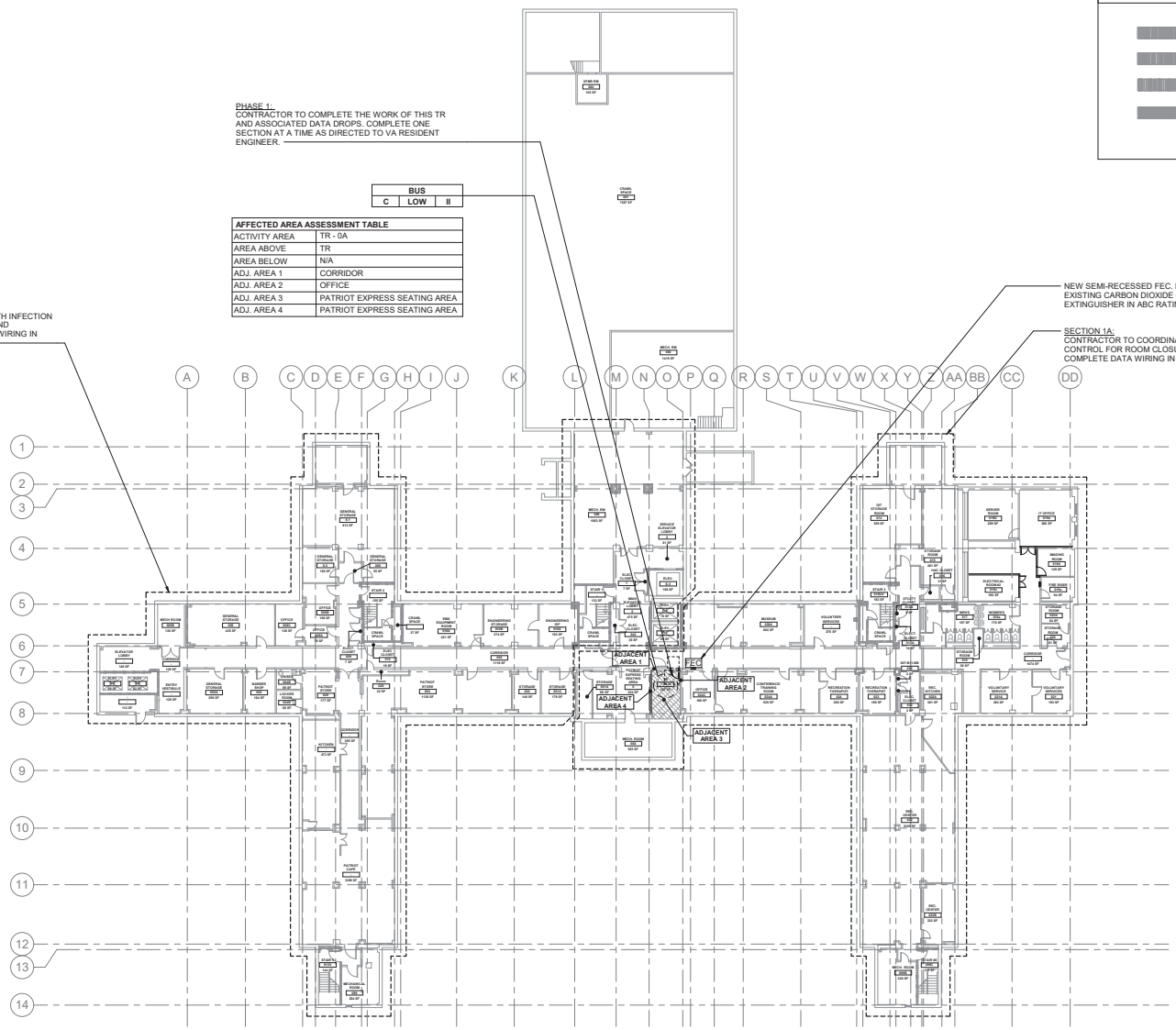
BUS		
C	LOW	II

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR - 0A
AREA ABOVE	TR
AREA BELOW	N/A
ADJ. AREA 1	CORRIDOR
ADJ. AREA 2	OFFICE
ADJ. AREA 3	PATRIOT EXPRESS SEATING AREA
ADJ. AREA 4	PATRIOT EXPRESS SEATING AREA

SECTION 1B:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

SECTION 1A:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.



1 BUILDING 011 - LEVEL 00 - PHASING PLAN
1/16" = 1'-0"

PROJECT NORTH

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

CLASS I **CLASS III**
CLASS II **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

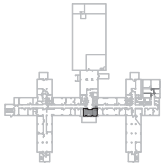
AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

KEY PLAN



KEY AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

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1/22/2026

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

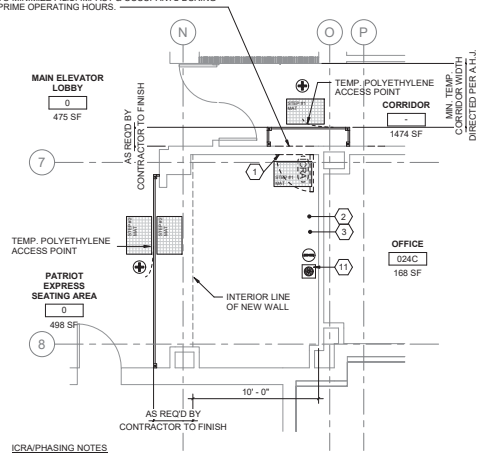
Drawing Title	Phase	Project Title	Project Number
BLDG 011 - LVL 00 - PHASING PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 011
		Issue Date: 11/21/2025 · Checked: KG / EM · Drawn: CO	Drawing Number: 011AS100

42 of 339

Autodesk Docs://671A4-21-700/VA TX Kerrville/EHRM/VATX_11_AR_3338.rvt
20/11/2025 1:00:41 pm

VA FORM 08 - 6231

A/E RECOMMENDS FIRST PRIORITY TO BE INSTALLATION OF NEW DOOR & INFILL EXIST. WALL OPENING PREFERABLY AFTER BUSINESS HOURS OR AS COORDINATED W/ VA RESIDENT ENGINEER TO MINIMIZE F.L.S. IMPACT & OCCUPANTS DURING PRIME OPERATING HOURS.

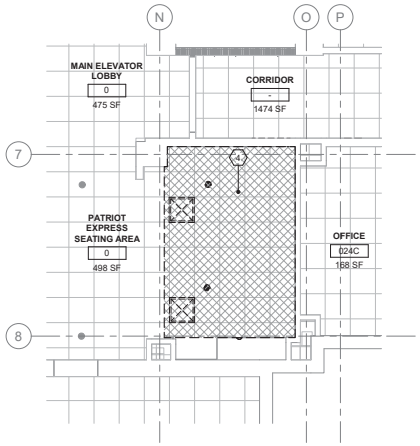


ICRA/PHASING NOTES

1. REFER TO GENERAL ICRA PHASING NOTES, KEY NOTES & KEY SYMBOLS IN THE MARGIN THIS PAGE WHICH ARE ALL APPLICABLE TO THIS LOCATION.
2. TEMPORARY DOORS MAY BE USED DURING PHASING & WHERE USED THEY ARE REQ'D TO MATCH THE EXIST. WALL ASSEMBLY'S FIRE RATINGS/DOOR OPENING PENETRATION RATING & PER NFPA 101.

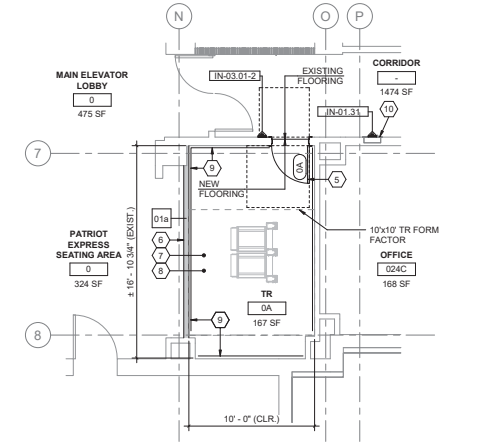
1 RM 0 - DEMO FLOOR PLAN

1/4" = 1'-0"



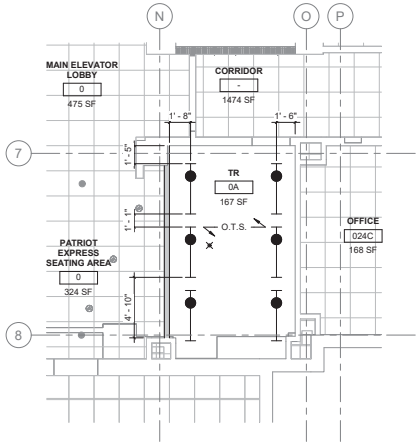
2 RM 0 - DEMO RCP

1/4" = 1'-0"



3 RM 0A - FLOOR PLAN

1/4" = 1'-0"



4 RM 0A - RCP

1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR ICRA REQUIREMNTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH PORTION OF EXISTING WALL. PREPARE FOR NEW DOOR/FRAME.
2. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
3. DEMOLISH EXISTING BASE. REMOVE EXISTING ADHESIVE AND PREPARE FOR NEW BASE.
4. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED. PATCH AND REPAIR REMAINING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
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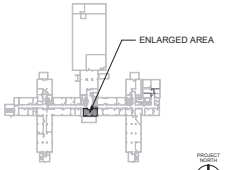
9. INSTALL FRT PLYWOOD OVER WALLS AS NEEDED PER DETAIL 3/AE421, TYPICAL.
10. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

ICRA KEYNOTES

11. CONTRACTOR TO COORDINATE ROUTING & TERMINATION OF TEMPORARY VENTILATION / PRESSURIZATION IN ACCORDANCE W/ SPEC. REQUIREMENTS, VA RESIDENT ENGINEER DIRECTION & SITE CONDITION / EXIST. CONDITION CONSTRAINTS.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

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ARCHITECT/ ENGINEER OF RECORD

A/E:
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KENT, WA 98032

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1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 011 - LVL 00 - DEMO, FLOOR PLAN & RCPS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	011
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Drawing Number	011A-100
Issue Date	11/21/2025
Checked	KG / EM
Drawn	PQ

VA FORM 08 - 6231

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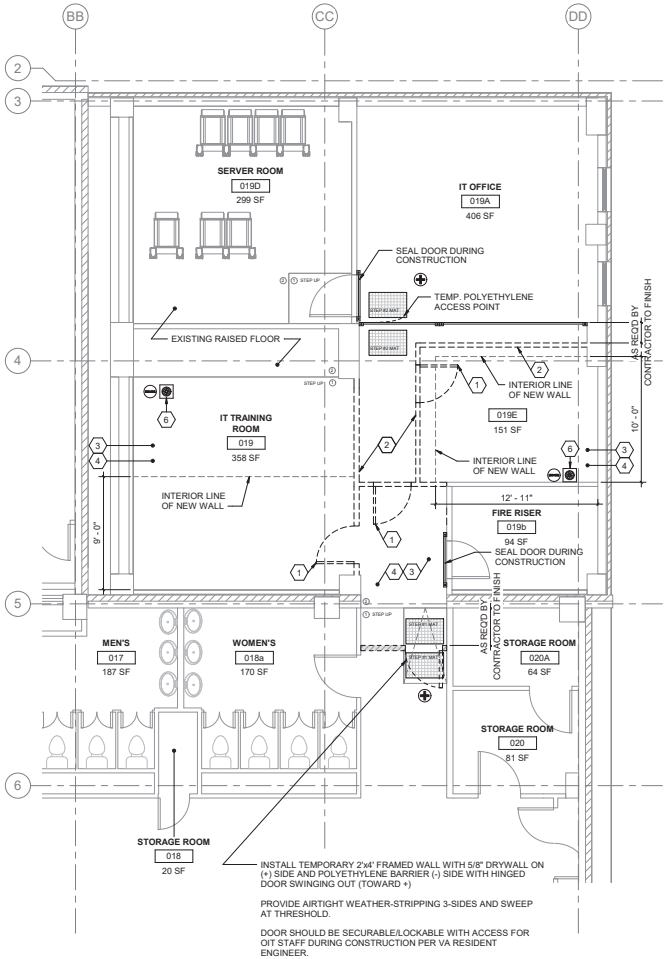

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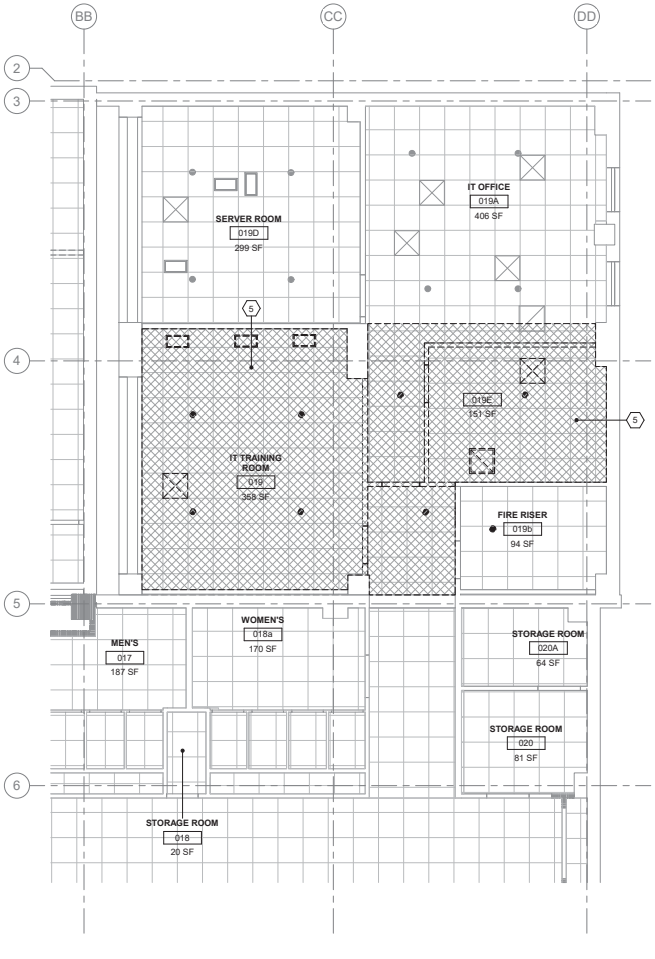
1/4" = 1'-0"



2 BLDG 011 - LVL 00 - DATA CENTER - PHASE 1 - DEMO RCP
1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE. (–) NEGATIVE PRESSURE
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8. PATCH AND REPAIR GWB WHERE DOOR IS DEMOLISHED AND A NEW DOOR WILL BE INSTALLED.
9. IT DEPARTMENT RELOCATION DURING PHASING - SEE GENERAL REQUIREMENTS, 01 00 00, SECTION 1.6.J
10. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH EXISTING DOOR/FRAME.
2. DEMOLISH EXISTING WALL. PATCH EXPOSED WALL INTERSECTIONS TO MATCH EXISTING.
3. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE-BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
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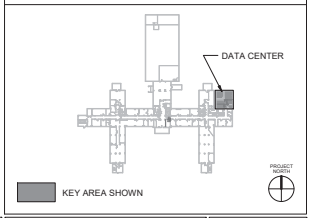
KEY PLAN



Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

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SPEES DESIGN BUILD
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KENT, WA 98032

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1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 00 - DATA CENTER - PHASE 1 - DEMO FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: KG / EM | Drawn: PQ

Project Number: 671A4-21-700

Building Number: 011

Drawing Number: 011A-100a

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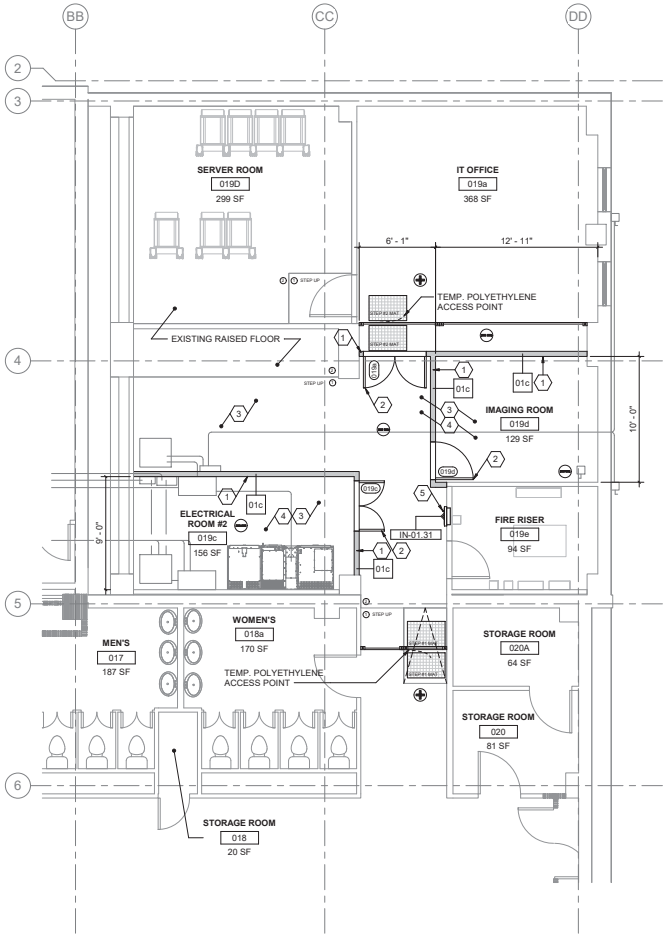
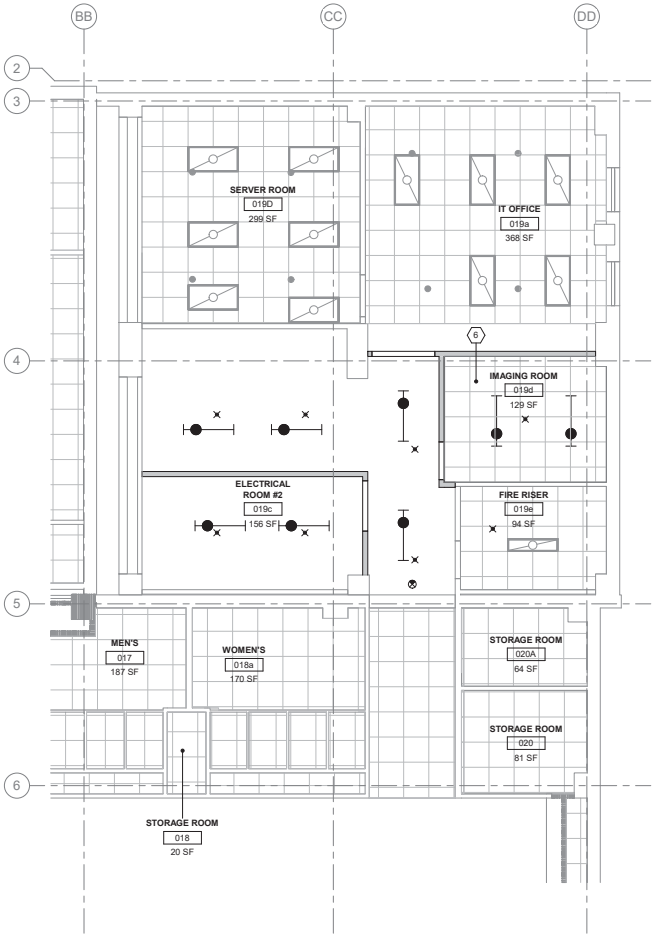
VA FORM 08 - 6231



1 BLDG 011 - LVL 00 - DATA CENTER - PHASE 1 - FLOOR PLAN

1/4" = 1'-0"



2 BLDG 011 - LVL 00 - DATA CENTER - PHASE 1 - RCP

1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR ICRA REQUIREMNTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. PATCH AND REPAIR GWB WHERE DOOR IS DEMOLISHED AND A NEW DOOR WILL BE INSTALLED.
9. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE. (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

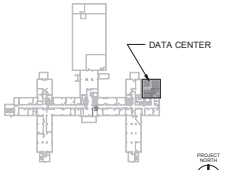
KEY NOTES (THIS SHEET ONLY)

1. CONSTRUCT NEW WALL.
2. INSTALL NEW DOOR/FRAME.
3. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
4. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
5. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.
6. CONSTRUCT NEW CEILING TO MATCH EXISTING.

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

KEY PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 00 - DATA CENTER - PHASE 1 FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Project Number: 671A4-21-700

Building Number: 011

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: KG / EM

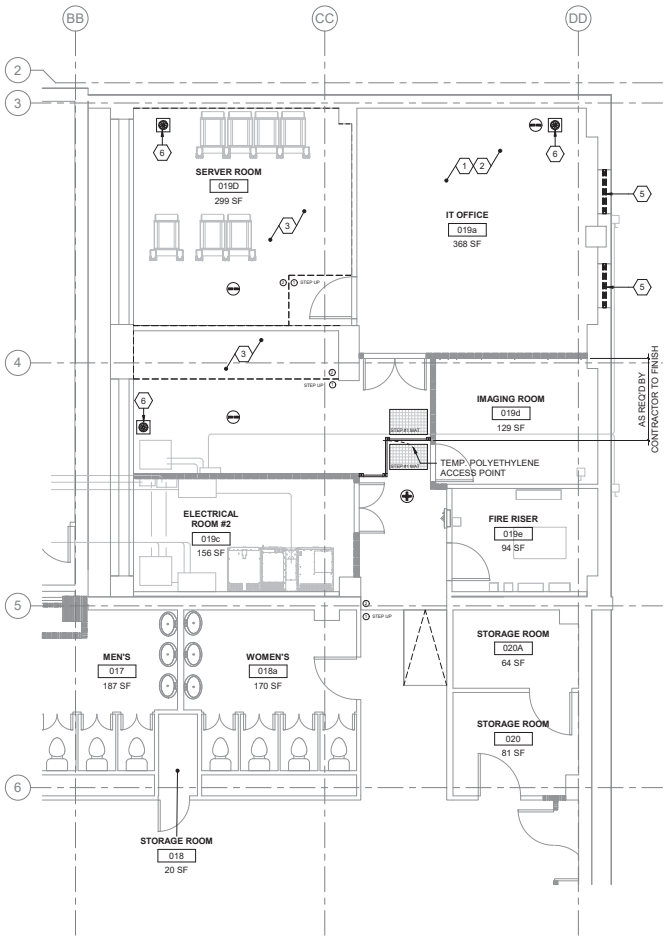
Drawn: PQ

Drawing Number: 011A-100b

VA FORM 08 - 6231

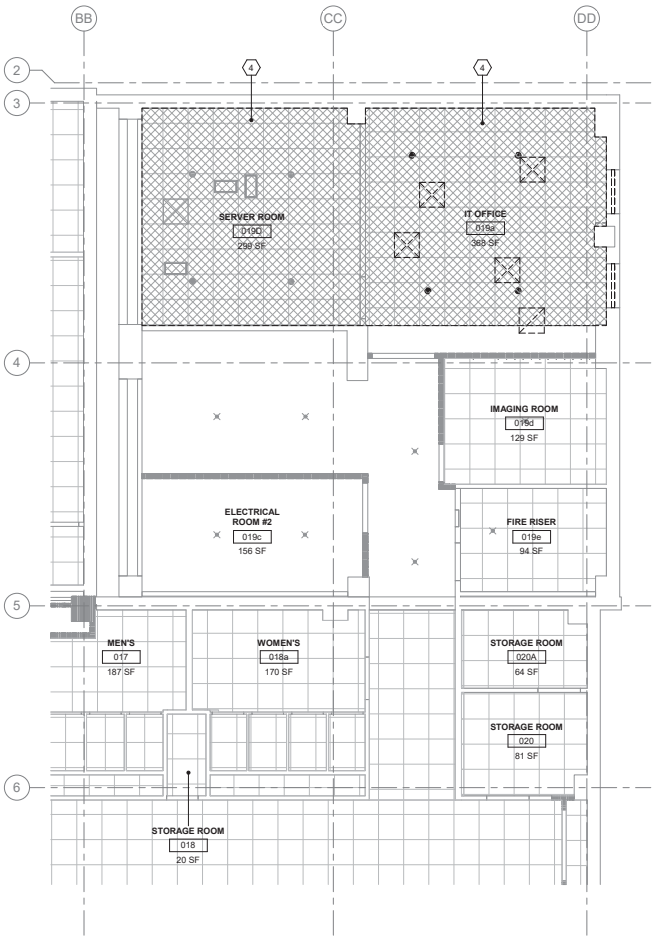
Autodesk Docs://671A4-21-700/VA TX Kerrville EHRM/VATX_11_AR_B3B.rvt

20/11/2025 1:01:23 pm



1 BLDG 011 - LVL 00 - DATA CENTER - PHASE 2 - DEMO FLOOR PLAN

1/4" = 1'-0"



2 BLDG 011 - LVL 00 - DATA CENTER - PHASE 2 - DEMO RCP

1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE. (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- ICRA1 TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
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3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
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7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. PATCH AND REPAIR GWB WHERE DOOR IS DEMOLISHED AND A NEW DOOR WILL BE INSTALLED.
9. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

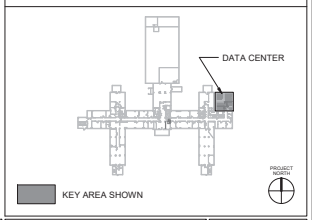
KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
2. DEMOLISH EXISTING BASE. REMOVE EXISTING ADHESIVE AND PREPARE FOR NEW BASE.
3. DEMOLISH EXISTING RAISED FLOOR TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
4. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED.
5. DEMOLISH EXISTING WINDOW/FRAME.

ICRA KEYNOTES

6. CONTRACTOR TO COORDINATE ROUTING & TERMINATION OF TEMPORARY VENTILATION / PRESSURIZATION IN ACCORDANCE W/ SPEC. REQUIREMENTS, VA RESIDENT ENGINEER DIRECTION & SITE CONDITION / EXIST. CONDITION CONSTRAINTS.

KEY PLAN



Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 00 - DATA CENTER - PHASE 2 - DEMO FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Project Number: 671A4-21-700

Building Number: 011

Drawing Number: 011A-100c

Issue Date: 11/21/2025 | Checked: Checker | Drawn: Author

VA FORM 08 - 6231

Autodesk Docs://671A4-21-700/VA TX Kerrville EHRM/VATX_11_AR_3338.rvt

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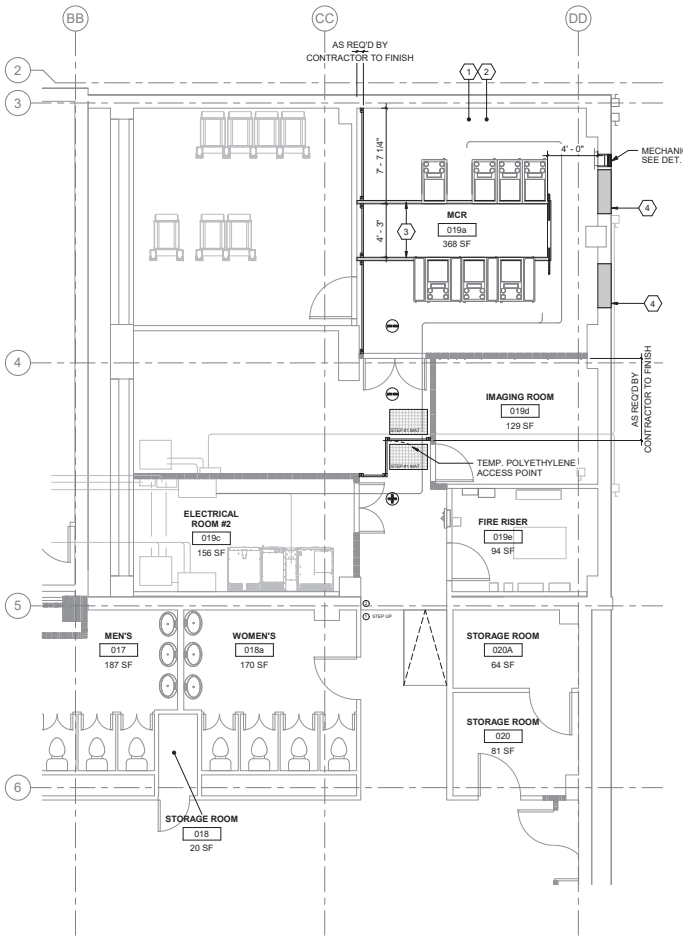

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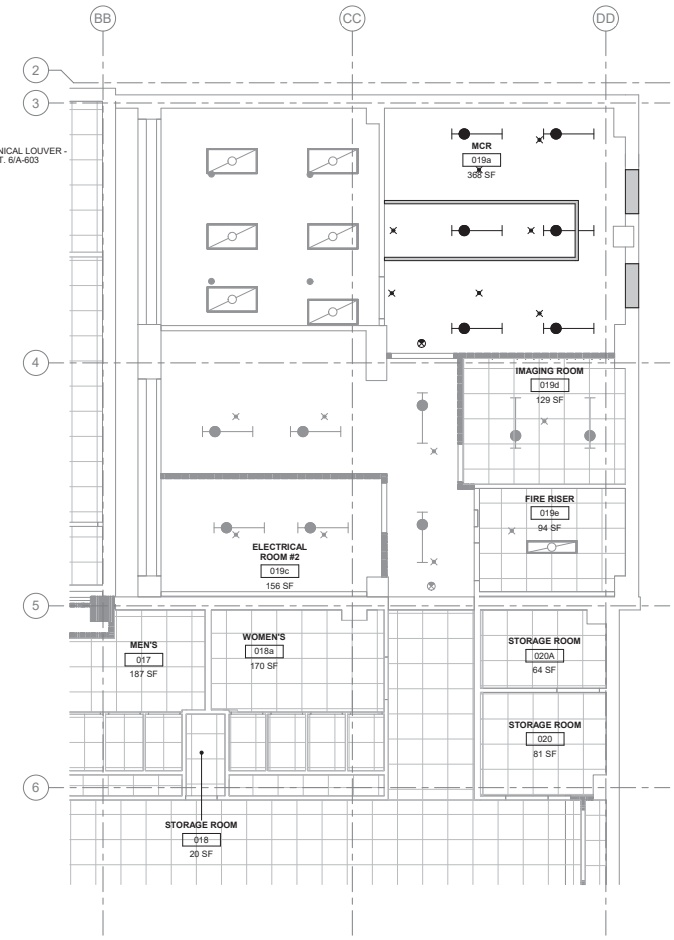
1/4" = 1'-0"



2 BLDG 011 - LVL 00 - DATA CENTER - PHASE 2 - RCP

1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
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9. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE. (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- ICRA 1 — TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

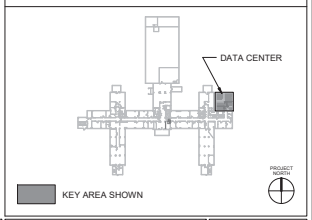
KEY NOTES (THIS SHEET ONLY)

1. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
2. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
3. HOT AISLE CONTAINMENT STRUCTURE.
4. INFILL WALL, PATCH AND PAINT TO MATCH EXISTING.

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

KEY PLAN



Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 00 - DATA CENTER - PHASE 2 -FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Project Number: 671A4-21-700

Building Number: 011

Drawing Number: 011A-100d

Issue Date: 11/21/2025 | Checked: Checker | Drawn: Author

VA FORM 08 - 6231

Autodesk Docs://671A4-21-700 V.R2/Kerrville EHRM/VAFX_11_AR_338.rvt

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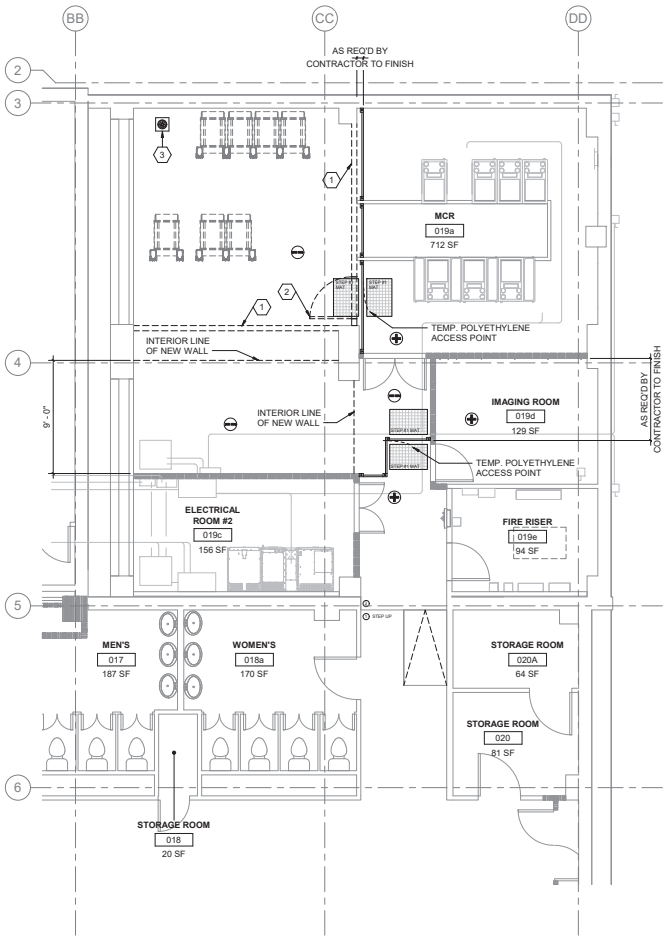
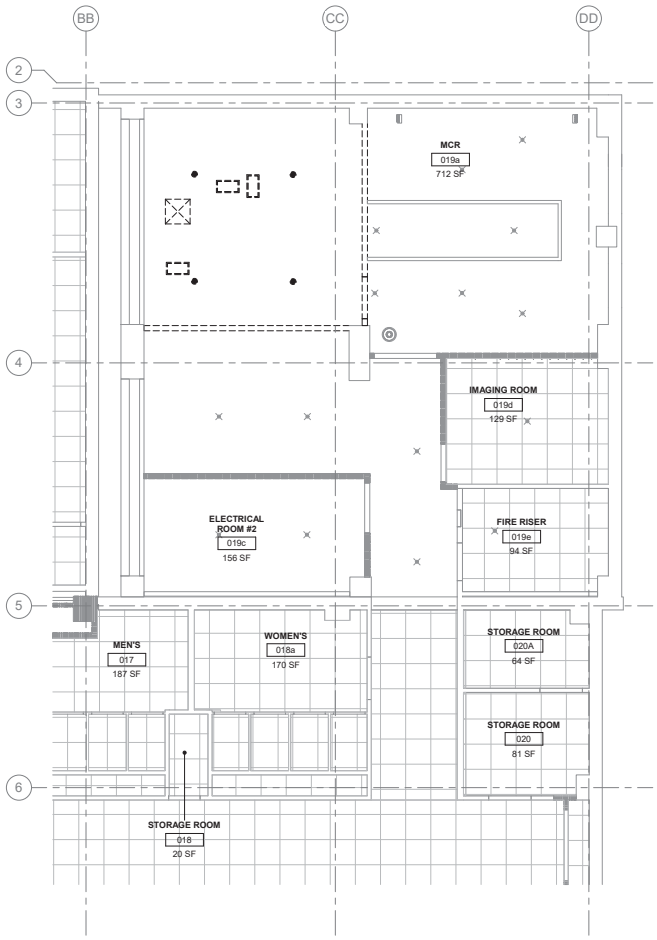


1 BLDG 011 - LVL 00 - DATA CENTER - PHASE 3 - DEMO FLOOR PLAN

1/4" = 1'-0"



2 BLDG 011 - LVL 00 - DATA CENTER - PHASE 3 - DEMO RCP

1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

GENERAL NOTES

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9. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
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- ICRA1 — TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

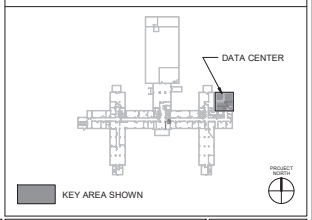
KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH EXISTING WALL. PATCH EXPOSED WALL INTERSECTIONS TO MATCH EXISTING.
2. DEMOLISH EXISTING DOOR/FRAME.
3. CONTRACTOR TO COORDINATE ROUTING & TERMINATION OF TEMPORARY VENTILATION / PRESSURIZATION IN ACCORDANCE W/ SPEC. REQUIREMENTS, VA RESIDENT ENGINEER DIRECTION & SITE CONDITION / EXIST. CONDITION CONSTRAINTS.

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

KEY PLAN



Revisions:	Date:

CONSULTANT

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 203
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 00 - DATA CENTER - PHASE 3 - DEMO FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Project Number: 671A4-21-700

Building Number: 011

Drawing Number: 011A-100e

Issue Date: 11/21/2025 | Checked: Checker | Drawn: Author

VA FORM 08 - 6231

Autodesk Docs://671A4-21-700/VA2Kerrville/EHRM/VA2Kerrville_R21_AE_3338.rvt

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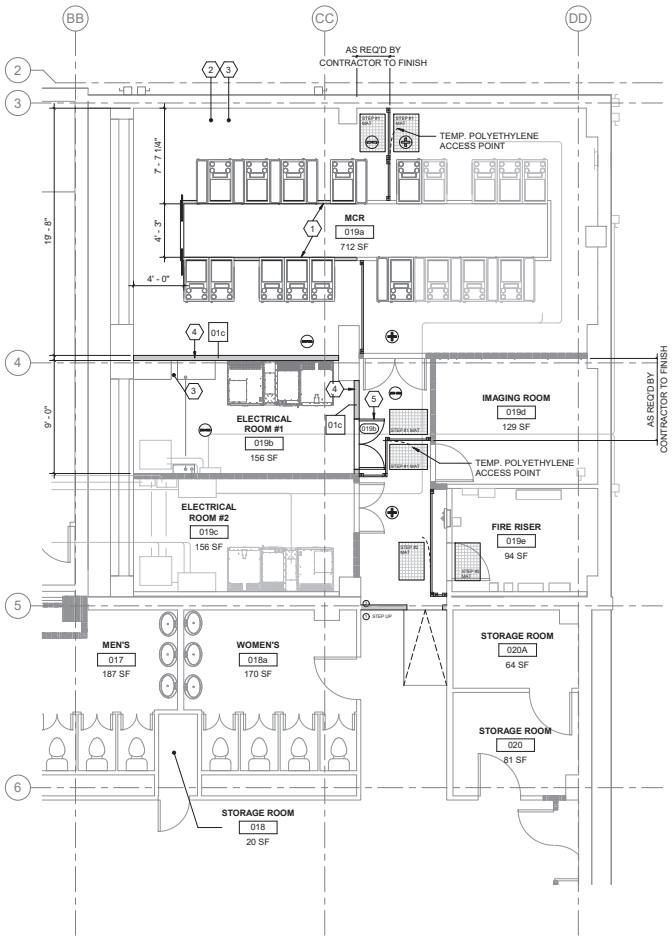
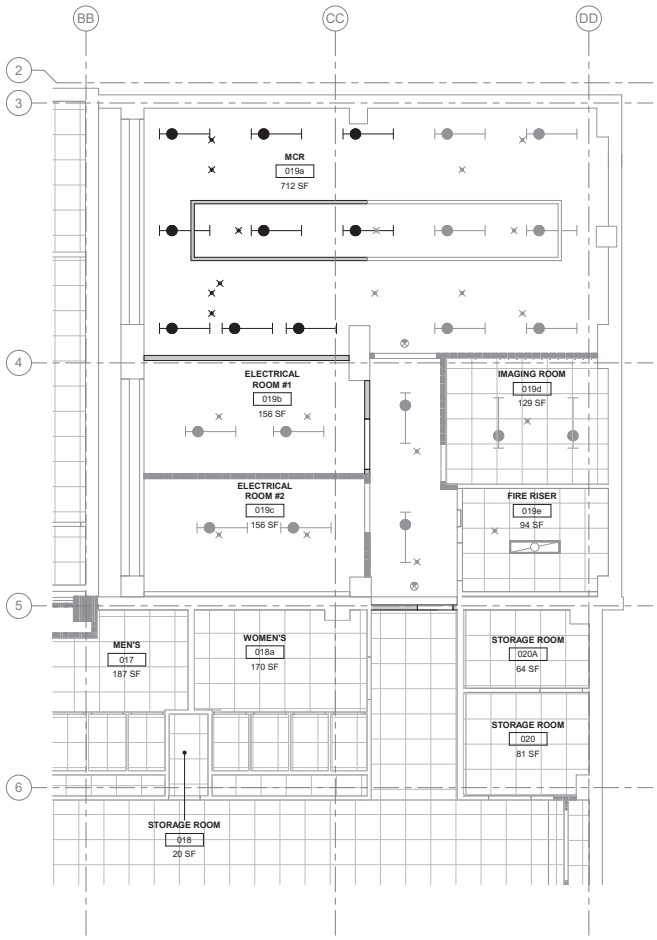


1 BLDG 011 - LVL 00 - DATA CENTER - PHASE 3 -FLOOR PLAN

1/4" = 1'-0"



2 BLDG 011 - LVL 00 - DATA CENTER - PHASE 3 - RCP

1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

GENERAL NOTES

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2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
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ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE. (–) NEGATIVE PRESSURE
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- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

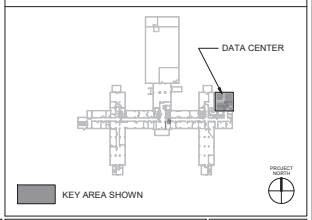
KEY NOTES (THIS SHEET ONLY)

1. HOT AISLE CONTAINMENT STRUCTURE.
2. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
3. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
4. CONSTRUCT NEW WALL.
5. INSTALL NEW DOOR/FRAME.

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

KEY PLAN



Revisions:	Date:

CONSULTANT/DISCIPLINE

ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 00 - DATA CENTER - PHASE 3 -FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Project Number: 671A4-21-700

Building Number: 011

Drawing Number: 011A-100f

Issue Date: 11/21/2025

Checked: Checker

Drawn: Author

VA FORM 08 - 6231

Autodesk Docs://671A4-21-700/VA2Kerrville/EHRM/VA2Kerrville_T1_AR_338.rvt

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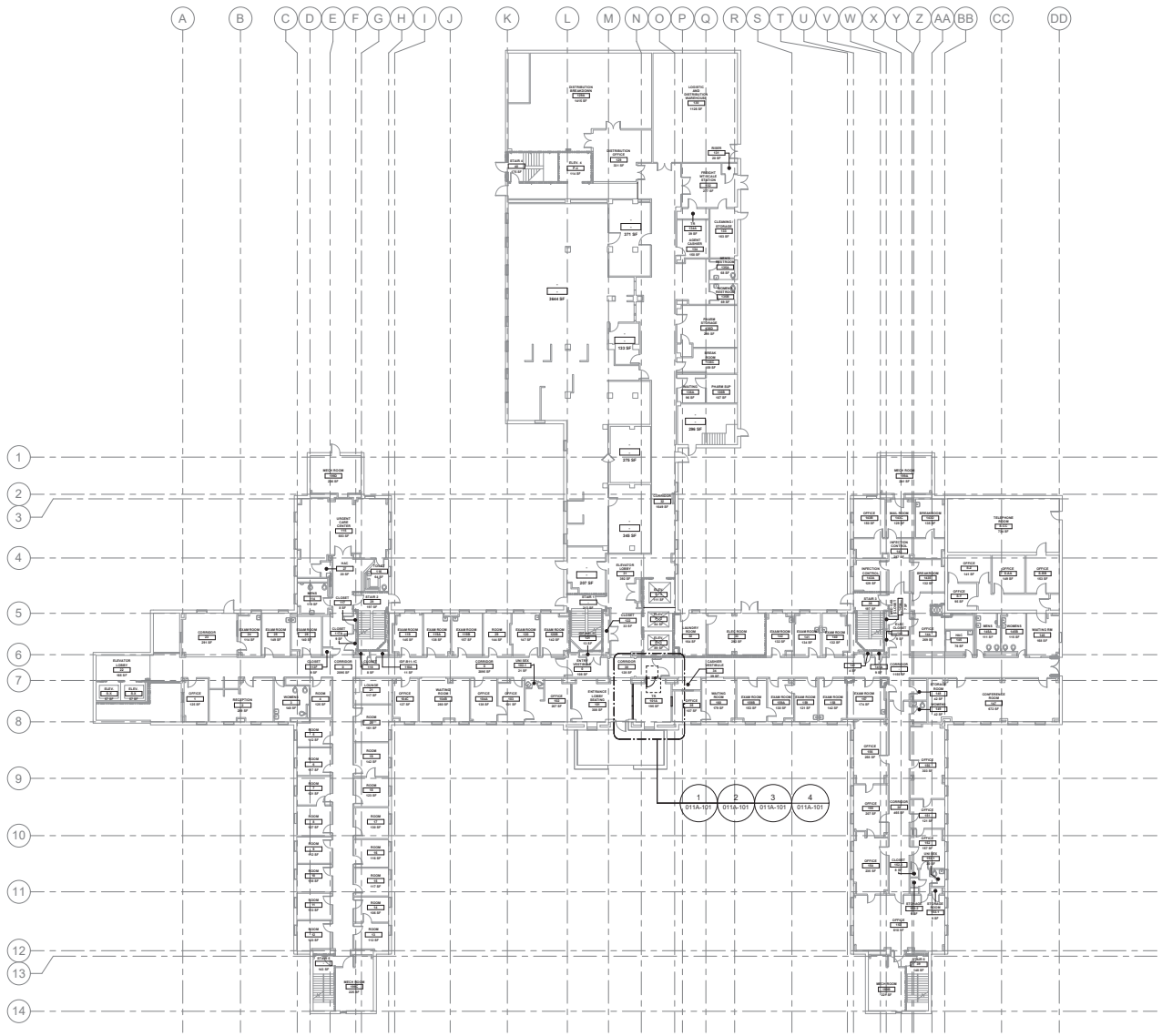
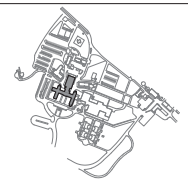


1 BUILDING 011 - LEVEL 01 - ARCHITECTURAL PLAN
1/16" = 1'-0"

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

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1/22/2026

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 01 - ARCHITECTURAL PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Project Number: 671A4-21-700
Building Number: 011
Drawing Number: 011A-201
Issue Date: 11/21/2025
Checked: KG
Drawn: Author

VA FORM 08 - 6231

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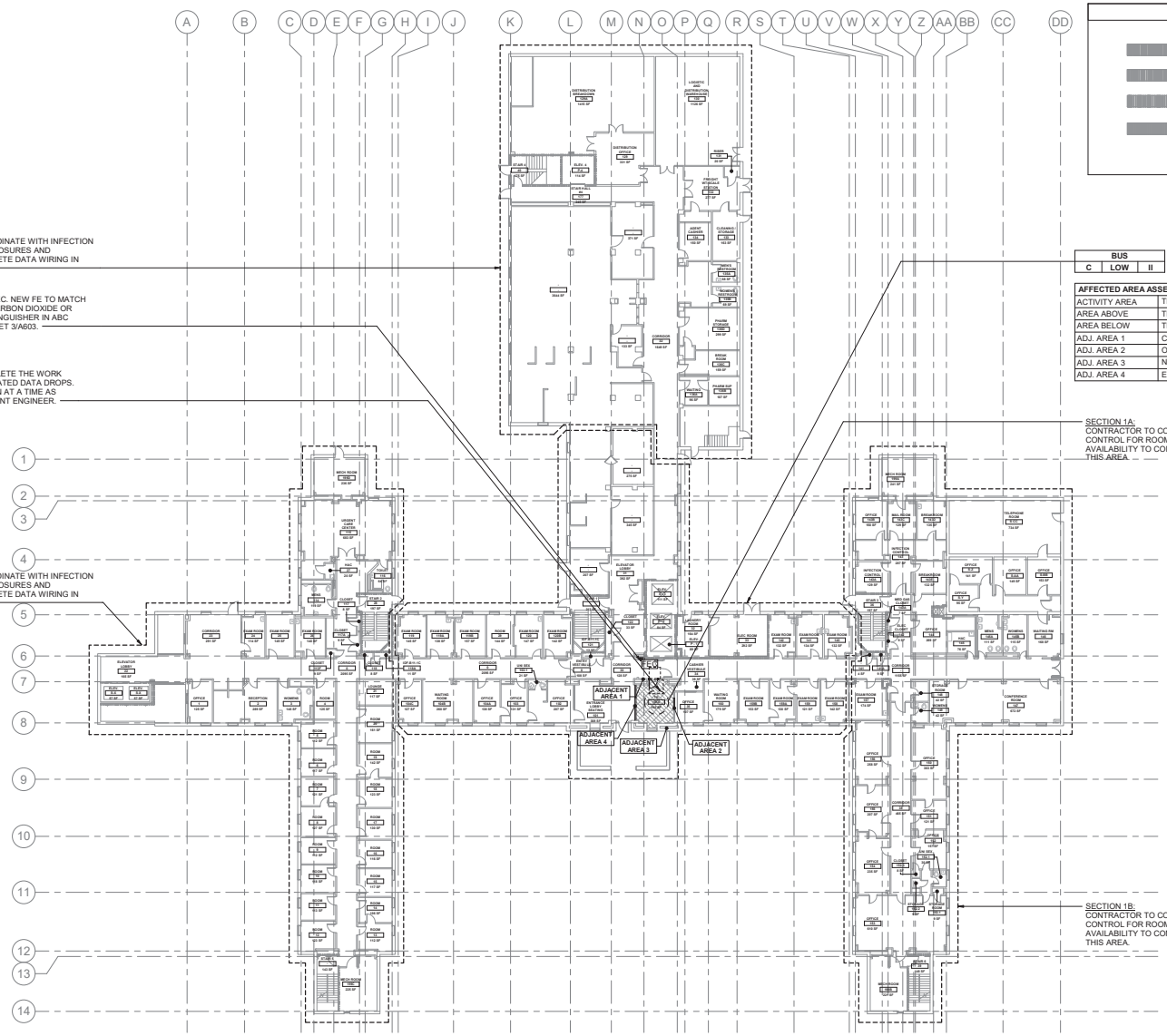
SECTION 1D:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

PHASE 1:
CONTRACTOR TO COMPLETE THE WORK OF THIS TR AND ASSOCIATED DATA DROPS. COMPLETE ONE SECTION AT A TIME AS DIRECTED TO VA RESIDENT ENGINEER.

SECTION 1C:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.



SECTION 1A:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

SECTION 1B:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

1 BUILDING 011 - LEVEL 01 - PHASING PLAN

1/16" = 1'-0"

BUS		
C	LOW	II

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR - 101A
AREA ABOVE	TR
AREA BELOW	TR
ADJ. AREA 1	CORRIDOR
ADJ. AREA 2	OFFICE
ADJ. AREA 3	N/A
ADJ. AREA 4	ENTRANCE LOBBY SEATING

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

ICRA PHASING PLAN LEGEND

- PROPOSED TR/ TE LOCATION
- ICRA PHASING LINE
- XFEC — EXIST. FIRE EXTINGUISHER/ CABINET
- FEC — PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

- OFFICE: OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY CHANGE NOTED PER BELOW- (EXIST.) **HC IN-PAT to** (PROP.) **STOR.**
- IV: LEVEL OF INFECTION CONTROL **I, II, III or IV**
- HIGH +: PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**
- D: CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

- **CLASS I**
- **CLASS II**
- **CLASS III**
- **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

KEY PLAN

KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

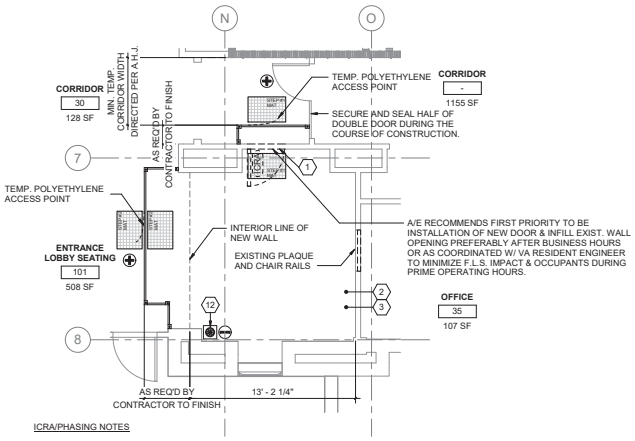
Drawing Title	Phase	Project Title	Project Number
BLDG 011 - LVL 01 - PHASING PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 011
		Issue Date: 11/21/2025 · Checked: KG / EM · Drawn: CO	Drawing Number: 011AS101

51 of 339

Autodesk Docs://671A4-21-700/VA TX Kerrville EHRM/VATX_T1_AR_S100.rvt

20/11/2025 1:00:44 pm

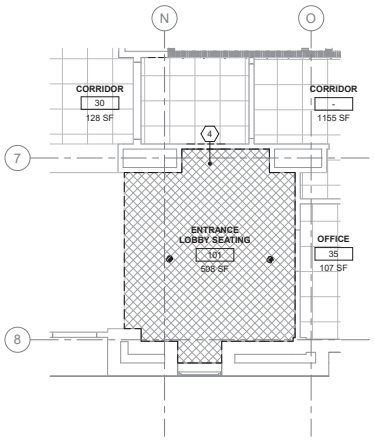
VA FORM 08 - 6231



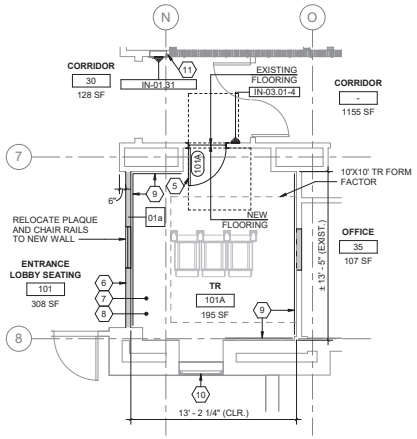
ICRA/PHASING NOTES

1. REFER TO GENERAL ICRA PHASING NOTES, KEY NOTES & KEY SYMBOLS IN THE MARGIN THIS PAGE WHICH ARE ALL APPLICABLE TO THIS LOCATION.
2. TEMPORARY DOORS MAY BE USED DURING PHASING & WHERE USED THEY ARE REQ'D TO MATCH THE EXIST. WALL ASSEMBLY'S FIRE RATINGS/DOOR OPENING PENETRATION RATING & PER NFPA 101.

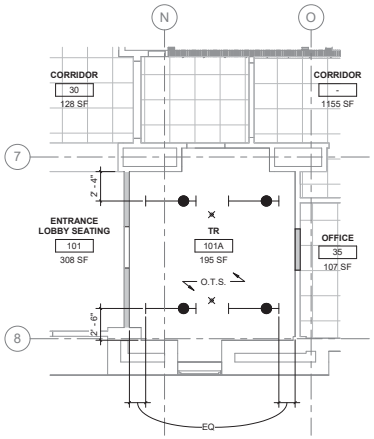
1 RM 101 - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 101 - DEMO RCP
1/4" = 1'-0"



3 RM 101A - FLOOR PLAN
1/4" = 1'-0"



4 RM 101A - RCP
1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR ICRA REQUIREMNTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

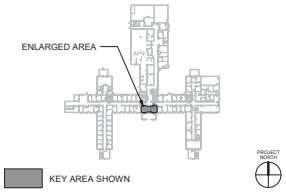
KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH PORTION OF EXISTING WALL. PREPARE FOR NEW DOOR/FRAME.
2. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
3. DEMOLISH EXISTING BASE. REMOVE EXISTING ADHESIVE AND PREPARE FOR NEW BASE.
4. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED. PATCH AND REPAIR REMAINING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
5. INSTALL NEW DOOR/FRAME.
6. CONSTRUCT NEW WALL. PATCH AND PAINT TO MATCH EXISTING.
7. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
8. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
9. INSTALL FRT PLYWOOD OVER WALLS AS NEEDED PER DETAIL 3/AE421, TYPICAL.
10. INSTALL PHYSICAL SECURITY AT INTERIOR OF EXISTING WINDOW. REFERENCE DETAIL 1/A603.
11. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

ICRA KEYNOTES

12. CONTRACTOR TO COORDINATE ROUTING & TERMINATION OF TEMPORARY VENTILATION / PRESSURIZATION IN ACCORDANCE W/ SPEC. REQUIREMENTS, VA RESIDENT ENGINEER DIRECTION & SITE CONDITION / EXIST. CONDITION CONSTRAINTS.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 011 - LVL 01 - DEMO, FLOOR PLAN & RCPS
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	011
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Drawing Number	011A-101
Issue Date	11/21/2025
Checked	KG / EM
Drawn	PQ

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VA FORM 08 - 6231

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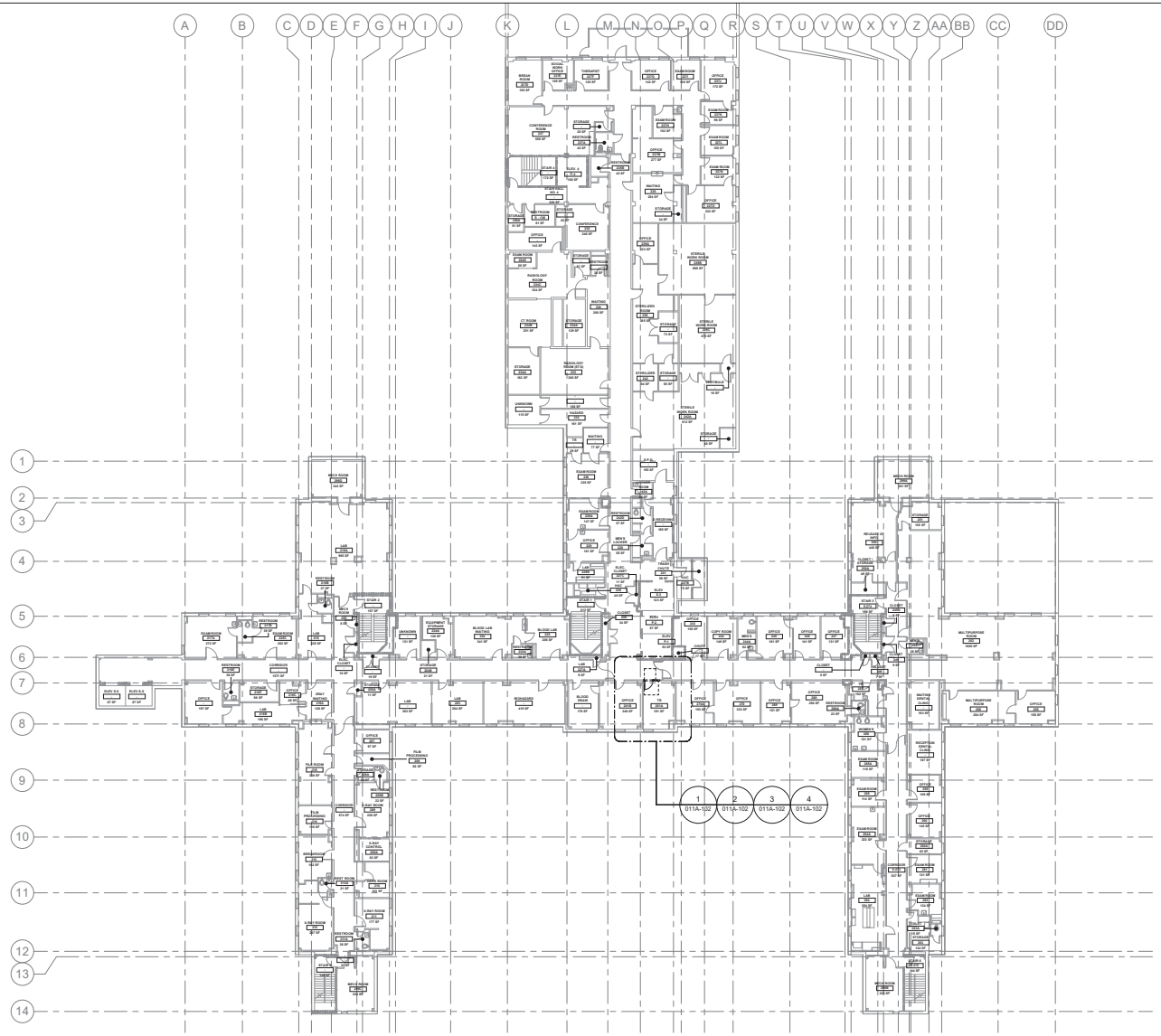
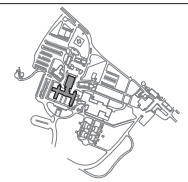


1 BUILDING 011 - LEVEL 02 - ARCHITECTURAL PLAN
1/16" = 1'-0"

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 02 - ARCHITECTURAL PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: KG

Drawn: Author

Project Number: 671A4-21-700

Building Number: 011

Drawing Number: 011A-202

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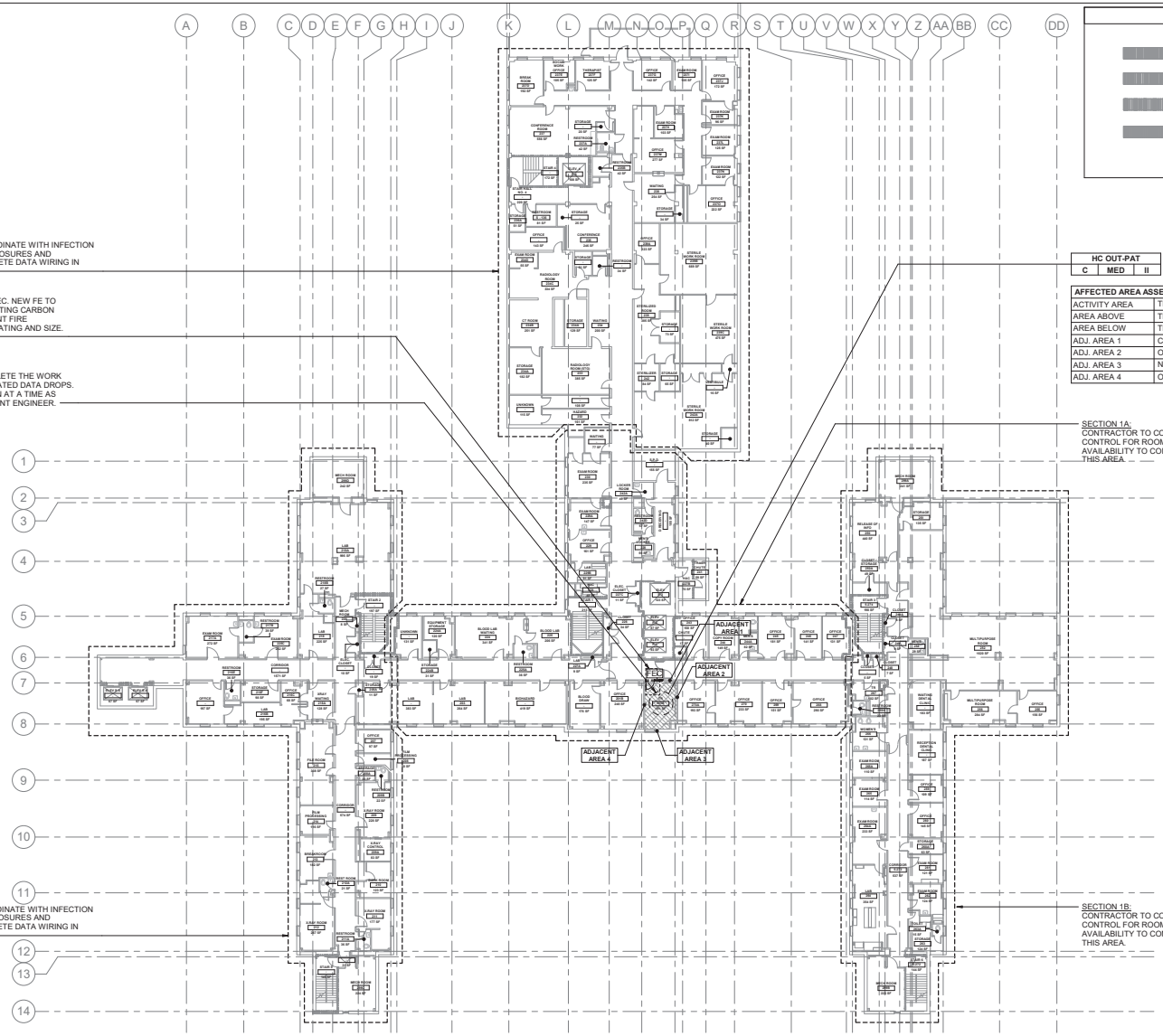

1 BUILDING 011 - LEVEL 02 - PHASING PLAN

1/16" = 1'-0"

HC OUT-PAT		
C	MED	II

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR - 201A
AREA ABOVE	TR
AREA BELOW	TR
ADJ. AREA 1	CORRIDOR
ADJ. AREA 2	OFFICE
ADJ. AREA 3	N/A
ADJ. AREA 4	OFFICE

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

ICRA PHASING PLAN LEGEND

- PROPOSED TR/ TE LOCATION
- ICRA PHASING LINE
- XFEC — EXIST. FIRE EXTINGUISHER/ CABINET
- FEC — PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY
CHANGE NOTED PER BELOW-
(EXIST.) **HC IN-PAT to** (PROP.) **STOR.**

LEVEL OF INFECTION CONTROL
I, II, III or IV

PATIENT RISK CATEGORY
LOW, MEDIUM, HIGH or HIGH +

CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
A, B, C or D

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

CLASS I **CLASS III**
CLASS II **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

KEY PLAN

KEY AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 011 - LVL 02 - PHASING PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 011
		Issue Date: 11/21/2025 · Checked: KG / EM · Drawn: CO	Drawing Number: 011AS102

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VA FORM 08 - 6231

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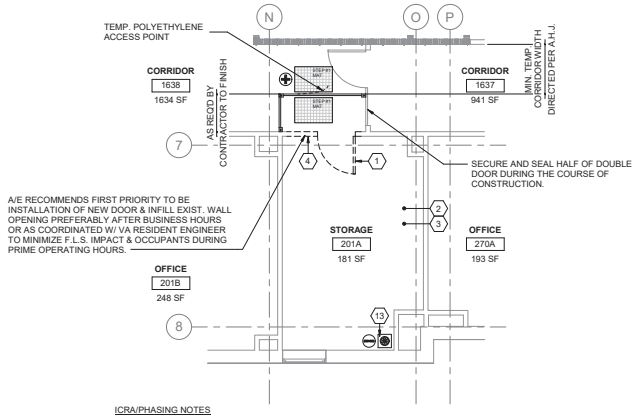
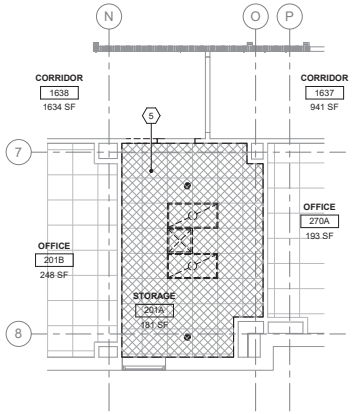


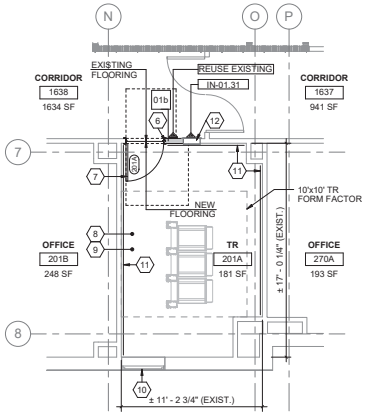
ICRA/PHASING NOTES

1. REFER TO GENERAL ICRA PHASING NOTES, KEY NOTES & KEY SYMBOLS IN THE MARGIN THIS PAGE WHICH ARE ALL APPLICABLE TO THIS LOCATION.
2. TEMPORARY DOORS MAY BE USED DURING PHASING & WHERE USED THEY ARE REQ'D TO MATCH THE EXIST. WALL ASSEMBLY'S FIRE RATINGS/DOOR OPENING PENETRATION RATING & PER NFPA 101.

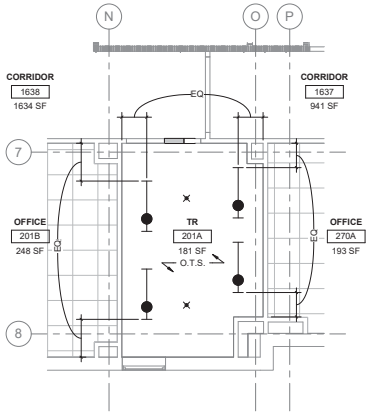
1 RM 201A - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 201A - DEMO RCP
1/4" = 1'-0"



3 RM 201A - FLOOR PLAN
1/4" = 1'-0"



4 RM 201A - RCP
1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR ICRA REQUIREMNTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. PATCH AND REPAIR GWB WHERE DOOR IS DEMOLISHED AND A NEW DOOR WILL BE INSTALLED.
9. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

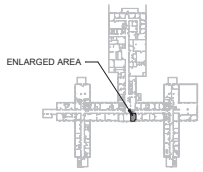
KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH EXISTING DOOR/FRAME.
2. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
3. DEMOLISH EXISTING BASE. REMOVE EXISTING ADHESIVE AND PREPARE FOR NEW BASE.
4. DEMOLISH PORTION OF EXISTING WALL. PREPARE FOR NEW DOOR/FRAME.
5. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED.
6. INFILL WALL, PATCH AND PAINT TO MATCH EXISTING.
7. INSTALL NEW DOOR/FRAME.
8. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
9. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
10. INSTALL PHYSICAL SECURITY AT INTERIOR OF EXISTING WINDOW. REFERENCE DETAIL 1/A603.
11. INSTALL FRT PLYWOOD OVER WALLS AS NEEDED PER DETAIL 3/AE421, TYPICAL.
12. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

ICRA KEYNOTES

13. CONTRACTOR TO COORDINATE ROUTING & TERMINATION OF TEMPORARY VENTILATION / PRESSURIZATION IN ACCORDANCE W/ SPEC. REQUIREMENTS, VA RESIDENT ENGINEER DIRECTION & SITE CONDITION / EXIST. CONDITION CONSTRAINTS.

KEY PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 02 - DEMO, FLOOR PLAN & RCPS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Project Number: 671A4-21-700

Building Number: 011

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Drawing Number: 011A-102

Issue Date: 11/21/2025 | Checked: KG / EM | Drawn: PQ

VA FORM 08 - 6231

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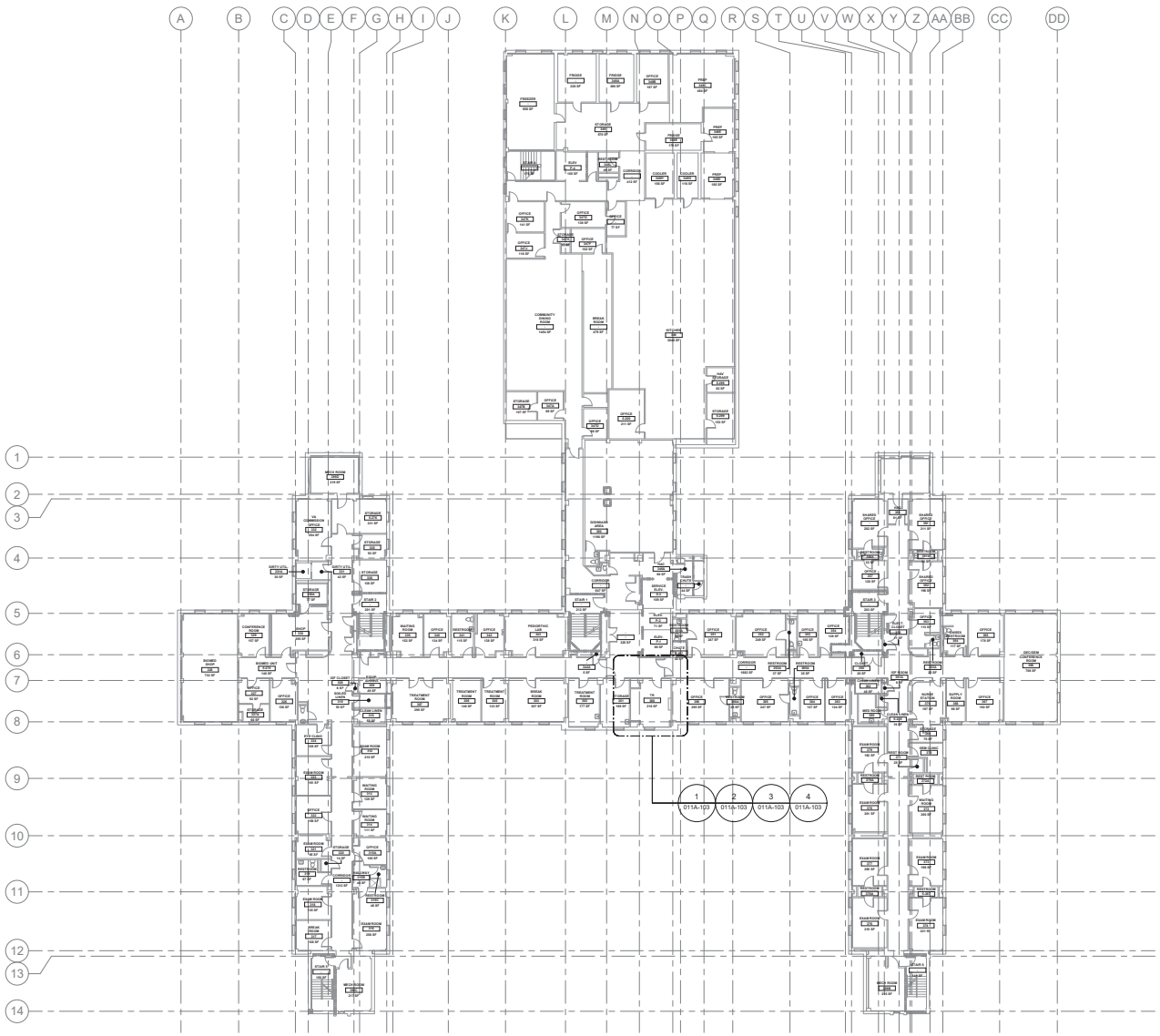
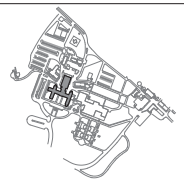


1 BUILDING 011 - LEVEL 03 - ARCHITECTURAL PLAN
1/16" = 1'-0"

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1/22/2026

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 03 - ARCHITECTURAL PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: KG
Drawn: Author
Project Number: 671A4-21-700
Building Number: 011
Drawing Number: 011A-203

VA FORM 08 - 6231

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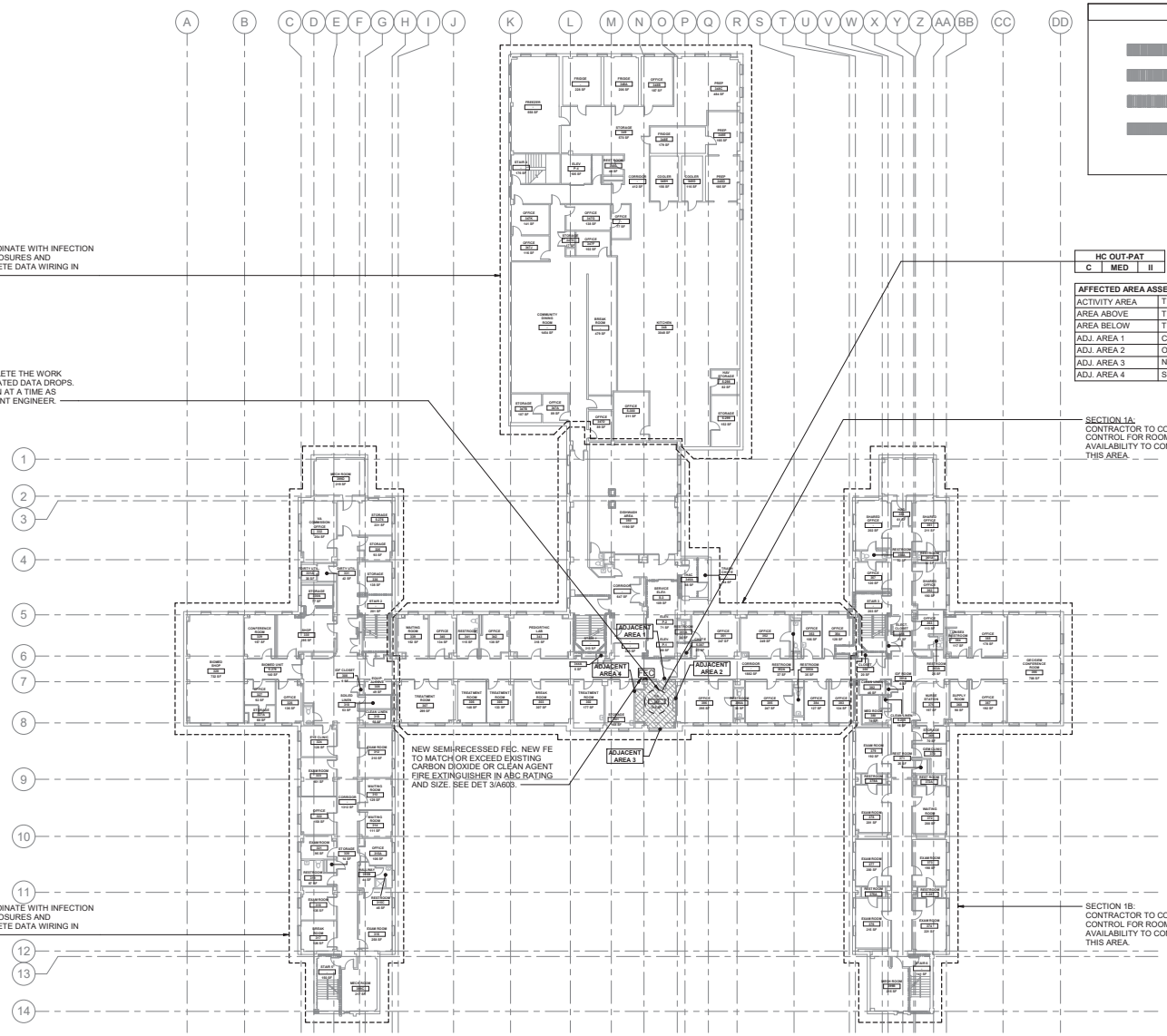


1 BUILDING 011 - LEVEL 03 - PHASING PLAN

1/16" = 1'-0"

HC OUT-PAT		
C	MED	II

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR - 388
AREA ABOVE	TR
AREA BELOW	TR
ADJ. AREA 1	CORRIDOR
ADJ. AREA 2	OFFICE
ADJ. AREA 3	N/A
ADJ. AREA 4	STORAGE

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

ICRA PHASING PLAN LEGEND

- PROPOSED TR/ TE LOCATION
- ICRA PHASING LINE
- XFEC — EXIST. FIRE EXTINGUISHER/ CABINET
- FEC — PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

- OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY CHANGE NOTED PER BELOW- (EXIST.) **HC IN-PAT to** (PROP.) **STOR.**
- LEVEL OF INFECTION CONTROL **I, II, III or IV**
- PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**
- CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

- **CLASS I**
- **CLASS II**
- **CLASS III**
- **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

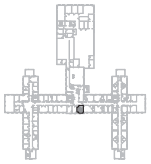
AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

KEY PLAN



KEY AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

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1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 011 - LVL 03 - PHASING PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG / EM
Drawn	CO
Project Number	671A4-21-700
Building Number	011
Drawing Number	011AS103

VA FORM 08 - 6231

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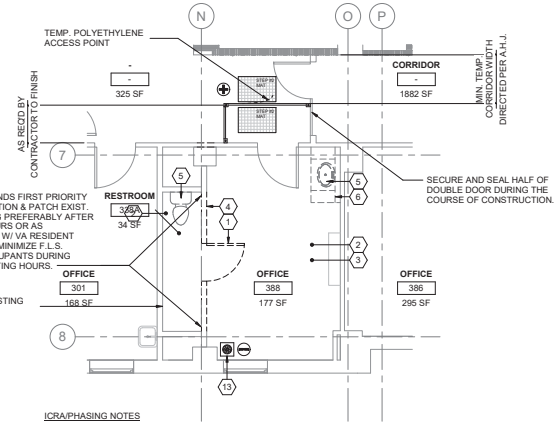
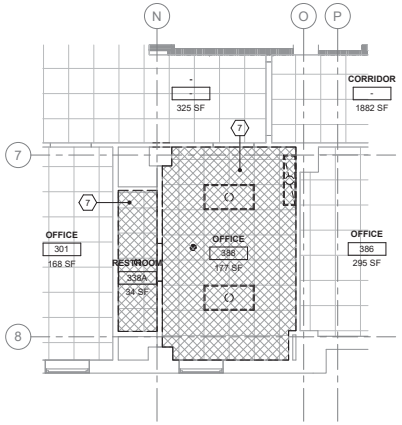


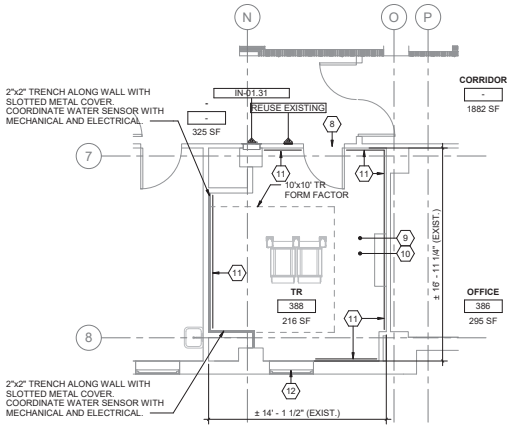
ICRA/PHASING NOTES

1. REFER TO GENERAL ICRA PHASING NOTES, KEY NOTES & KEY SYMBOLS IN THE MARGIN THIS PAGE WHICH ARE ALL APPLICABLE TO THIS LOCATION.
2. TEMPORARY DOORS MAY BE USED DURING PHASING & WHERE USED THEY ARE REQ'D TO MATCH THE EXIST. WALL ASSEMBLY'S FIRE RATINGS/DOOR OPENING PENETRATION RATING & PER NFPA 101.

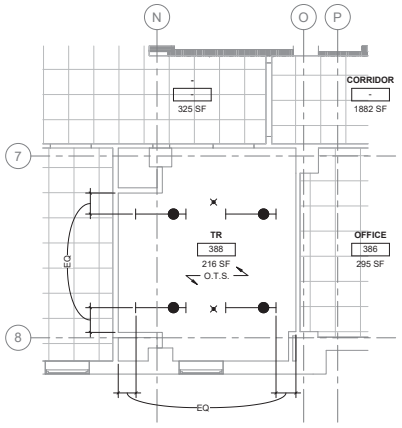
1 RM 388 - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 388 - DEMO RCP
1/4" = 1'-0"



3 RM 388 - FLOOR PLAN
1/4" = 1'-0"



4 RM 388 - RCP
1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

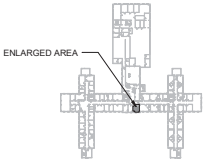
1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR ICRA REQUIREMNTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. PATCH AND REPAIR GWB WHERE DOOR IS DEMOLISHED AND A NEW DOOR WILL BE INSTALLED.
9. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH EXISTING DOOR/FRAME.
2. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
3. DEMOLISH EXISTING BASE. REMOVE EXISTING ADHESIVE AND PREPARE FOR NEW BASE.
4. DEMOLISH EXISTING WALL. PATCH EXPOSED WALL INTERSECTIONS TO MATCH EXISTING.
5. DEMOLISH EXISTING PLUMBING FIXTURE. SEE MECHANICAL PLANS.
6. DEMOLISH EXISTING CASEWORK.
7. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED.
8. INFILL WALL, PATCH AND PAINT TO MATCH EXISTING.
9. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
10. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
11. INSTALL FRT PLYWOOD OVER WALLS AS NEEDED PER DETAIL 3/AE421, TYPICAL.
12. INSTALL PHYSICAL SECURITY AT INTERIOR OF EXISTING WINDOW. REFERENCE DETAIL 1/A603.
13. CONTRACTOR TO COORDINATE ROUTING & TERMINATION OF TEMPORARY VENTILATION / PRESSURIZATION IN ACCORDANCE W/ SPEC. REQUIREMENTS, VA RESIDENT ENGINEER DIRECTION & SITE CONDITION / EXIST. CONDITION CONSTRAINTS.

ICRA KEYNOTES

KEY PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

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1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 011 - LVL 03 - DEMO, FLOOR PLAN & RCPS
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	011
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG / EM
Drawn	PQ
Drawing Number	011A-103

VA FORM 08 - 6231

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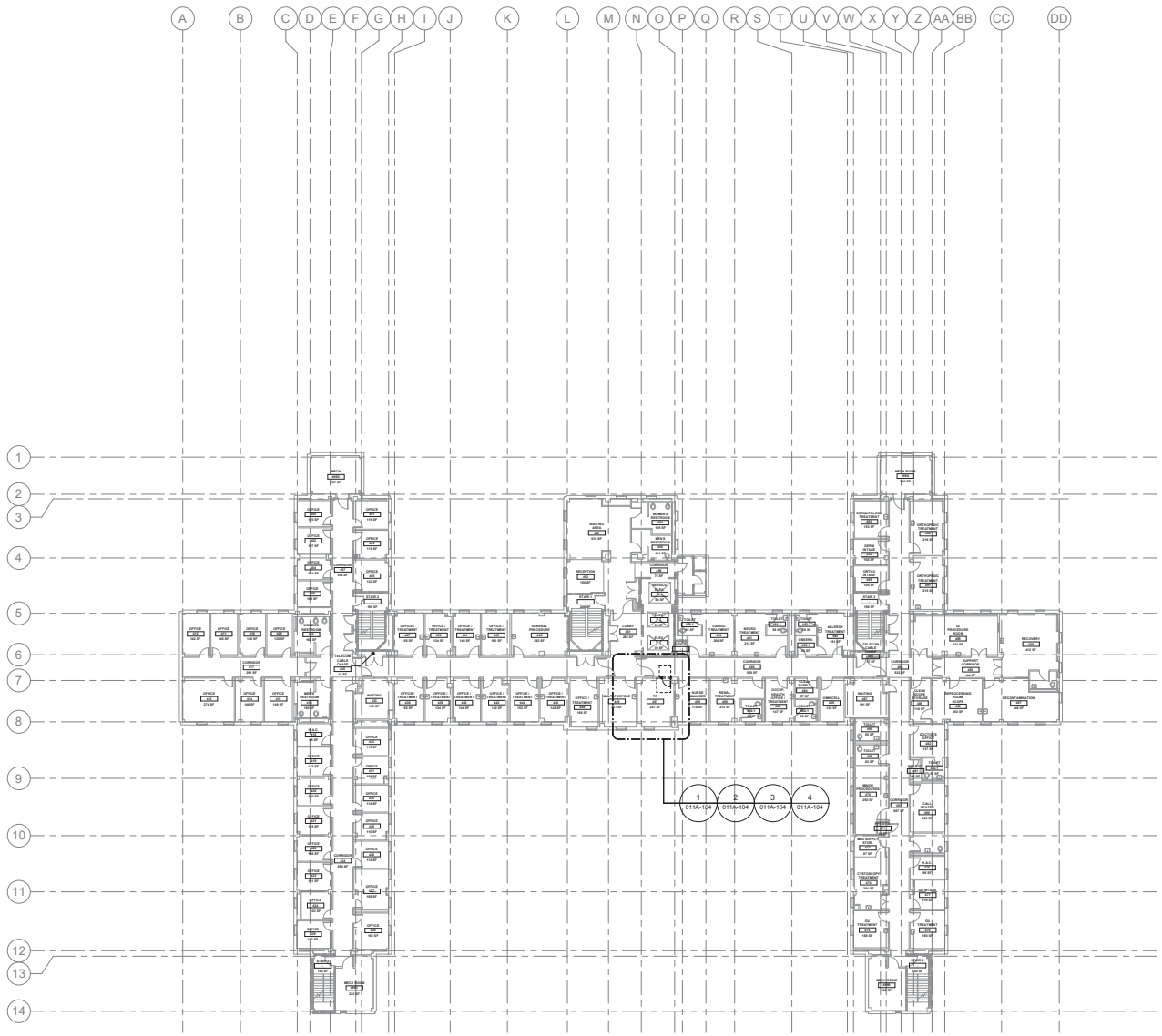
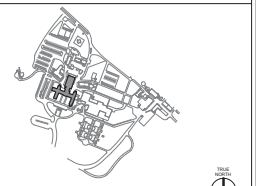


1 BUILDING 011 - LEVEL 04 - ARCHITECTURAL PLAN
1/16" = 1'-0"

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

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KENT, WA 98032

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1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 04 - ARCHITECTURAL PLAN

Phase: 100% CONSTRUCTION DOCUMENTS

Approved:

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Project Number: 671A4-21-700

Building Number: 011

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: KG

Drawn: Author

Drawing Number: 011A-204

Autodesk Docs://671A4-21-700/VA TX Kerrville EHRM/VATX_11_AR_338.rvt

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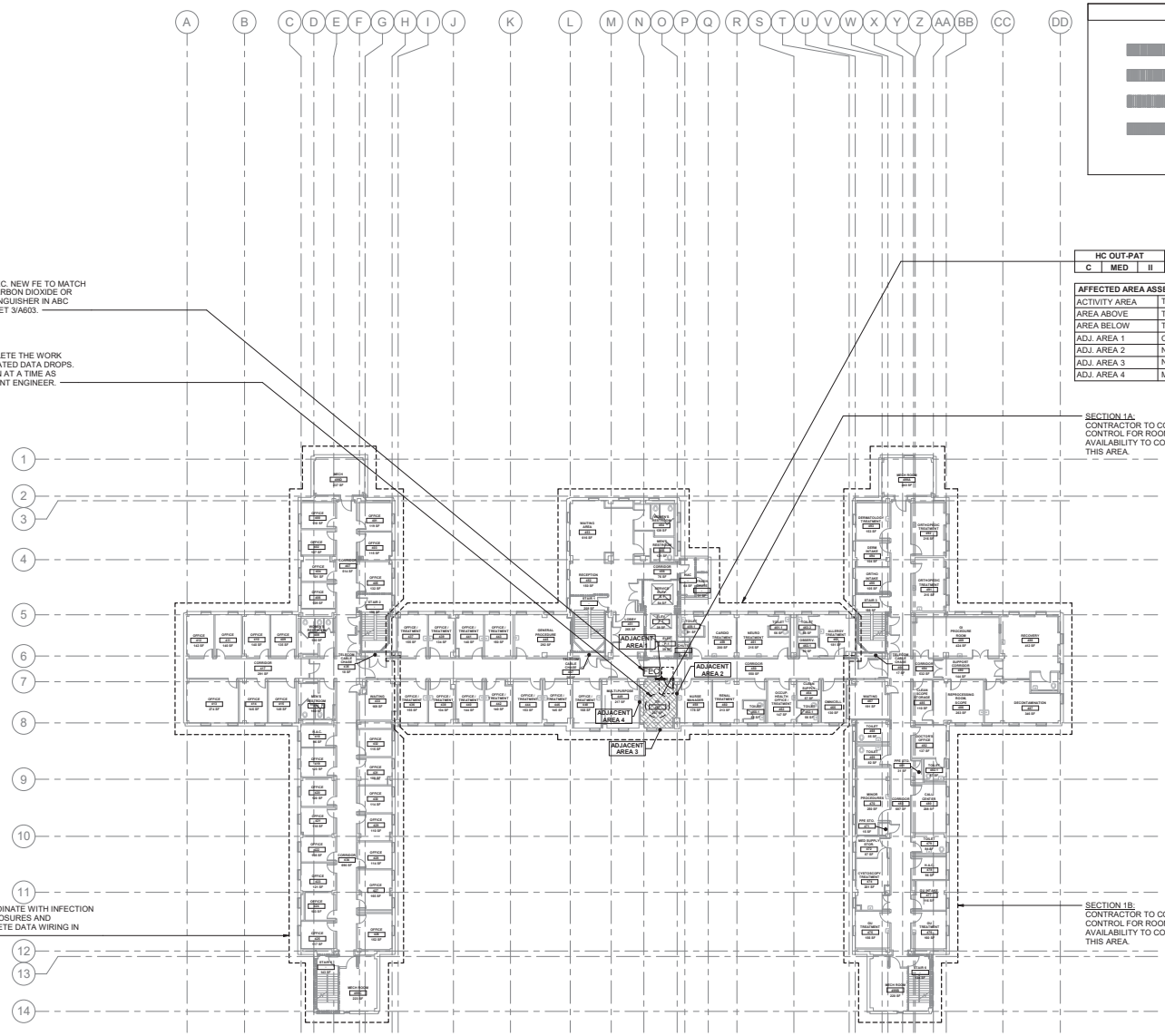
VA FORM 08 - 6231

NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

PHASE 1:
CONTRACTOR TO COMPLETE THE WORK OF THIS TR AND ASSOCIATED DATA DROPS. COMPLETE ONE SECTION AT A TIME AS DIRECTED TO VA RESIDENT ENGINEER.

SECTION 1C:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.



1 BUILDING 011 - LEVEL 04 - PHASING PLAN
1/16" = 1'-0"

PROJECT NORTH

SECTION 1A:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

SECTION 1B:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

HC OUT-PAT		
C	MED	II

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR - 457
AREA ABOVE	TR
AREA BELOW	TR
ADJ. AREA 1	CORRIDOR
ADJ. AREA 2	NURSE MANAGER
ADJ. AREA 3	N/A
ADJ. AREA 4	MULTI-PURPOSE

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

ICRA PHASING PLAN LEGEND

- PROPOSED TR/ TE LOCATION
- ICRA PHASING LINE
- XFEC — EXIST. FIRE EXTINGUISHER/ CABINET
- FEC — PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY
CHANGE NOTED PER BELOW-
(EXIST.) **HC IN-PAT to** (PROP.) **STOR.**
LEVEL OF INFECTION CONTROL **I, II, III or IV**
PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**
CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

CLASS I **CLASS III**
CLASS II **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

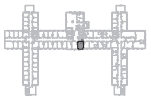
AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

KEY PLAN



KEY AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 011 - LVL 04 - PHASING PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 011
		Issue Date: 11/21/2025 · Checked: KG / EM · Drawn: CO	Drawing Number: 011AS104

60 of 339

VA FORM 08 - 6231

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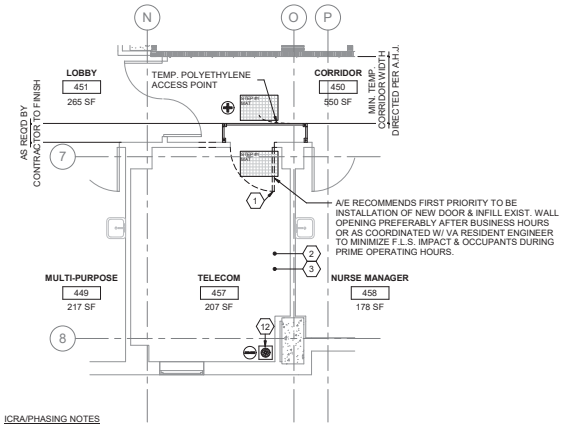
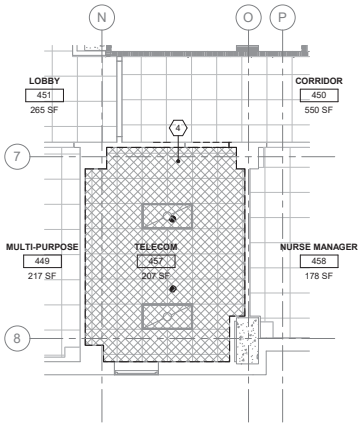


ICRA/PHASING NOTES

1. REFER TO GENERAL ICRA PHASING NOTES, KEY NOTES & KEY SYMBOLS IN THE MARGIN THIS PAGE WHICH ARE ALL APPLICABLE TO THIS LOCATION.
2. TEMPORARY DOORS MAY BE USED DURING PHASING & WHERE USED THEY ARE REQ'D TO MATCH THE EXIST. WALL ASSEMBLY'S FIRE RATINGS/DOOR OPENING PENETRATION RATING & PER NFPA 101.

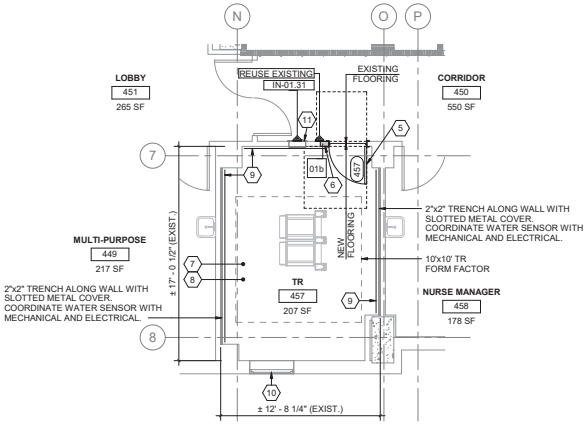
1 RM 457 - DEMO FLOOR PLAN

1/4" = 1'-0"



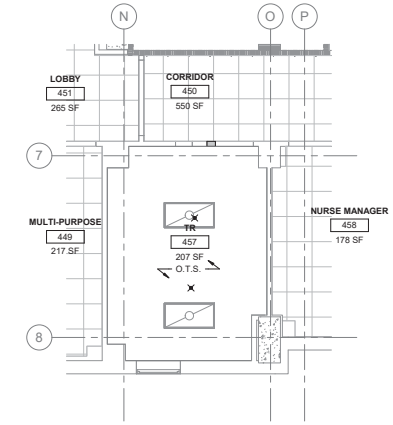
2 RM 457 - DEMO RCP

1/4" = 1'-0"



3 RM 457 - FLOOR PLAN

1/4" = 1'-0"



4 RM 457 - RCP

1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR ICRA REQUIREMNTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. PATCH AND REPAIR GWB WHERE DOOR IS DEMOLISHED AND A NEW DOOR WILL BE INSTALLED.
9. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

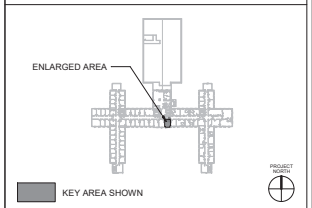
KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH EXISTING DOOR/FRAME. PREPARE FOR NEW DOOR/FRAME.
2. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
3. DEMOLISH EXISTING BASE. REMOVE EXISTING ADHESIVE AND PREPARE FOR NEW BASE.
4. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED.
5. INSTALL NEW DOOR/FRAME.
6. INFILL WALL, PATCH AND PAINT TO MATCH EXISTING.
7. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
8. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
9. INSTALL FRT PLYWOOD OVER WALLS AS NEEDED PER DETAIL 3/AE421, TYPICAL.
10. INSTALL PHYSICAL SECURITY AT INTERIOR OF EXISTING WINDOW. REFERENCE DETAIL 1/A603.
11. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

ICRA KEYNOTES

12. CONTRACTOR TO COORDINATE ROUTING & TERMINATION OF TEMPORARY VENTILATION / PRESSURIZATION IN ACCORDANCE W/ SPEC. REQUIREMENTS, VA RESIDENT ENGINEER DIRECTION & SITE CONDITION / EXIST. CONDITION CONSTRAINTS.

KEY PLAN



Revisions:	Date:

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ARCHITECT/ ENGINEER OF RECORD

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KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 04 - DEMO, FLOOR PLAN & RCPS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Project Number: 671A4-21-700

Building Number: 011

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: KG / EM

Drawn: PQ

Drawing Number: 011A-104

61 of 339

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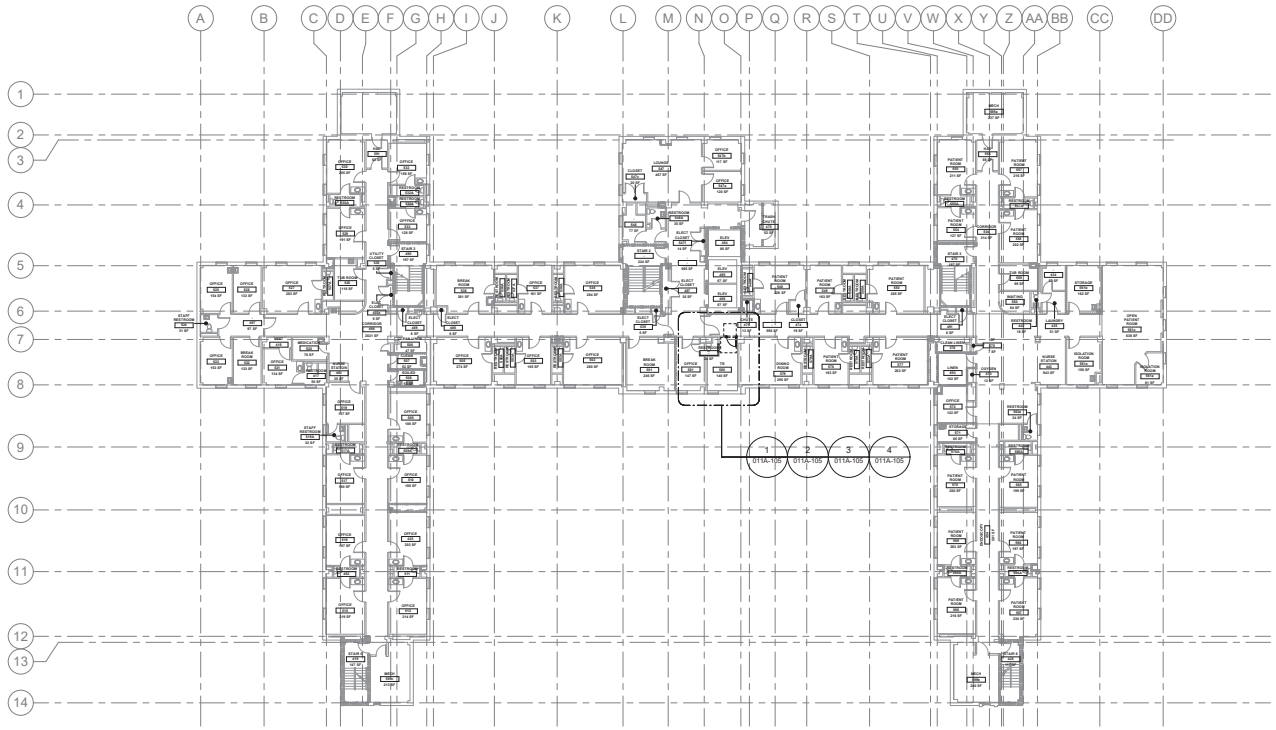
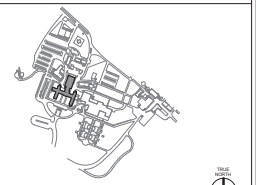


1 BUILDING 011 - LEVEL 05 - ARCHITECTURAL PLAN
1/16" = 1'-0"

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

Revisions:	Date:

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U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 05 - ARCHITECTURAL PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: KG
Drawn: Author
Project Number: 671A4-21-700
Building Number: 011
Drawing Number: 011A-205

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RATED BOUNDARY KEY
1 HOUR FIRE BARRIER
2 HOUR FIRE BARRIER
3 HOUR FIRE BARRIER
SMOKE PARTITION

ICRA PHASING PLAN LEGEND	
	PROPOSED TR/ TE LOCATION
	ICRA PHASING LINE
XFEC	EXIST. FIRE EXTINGUISHER/ CABINET
FEC	PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY
CHANGE NOTED PER BELOW-
(EXIST.) **HC IN-PAT to** (PROP.) **STOR.**

LEVEL OF INFECTION CONTROL **I, II, III or IV**

PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**

CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

BUS		
C	LOW	II

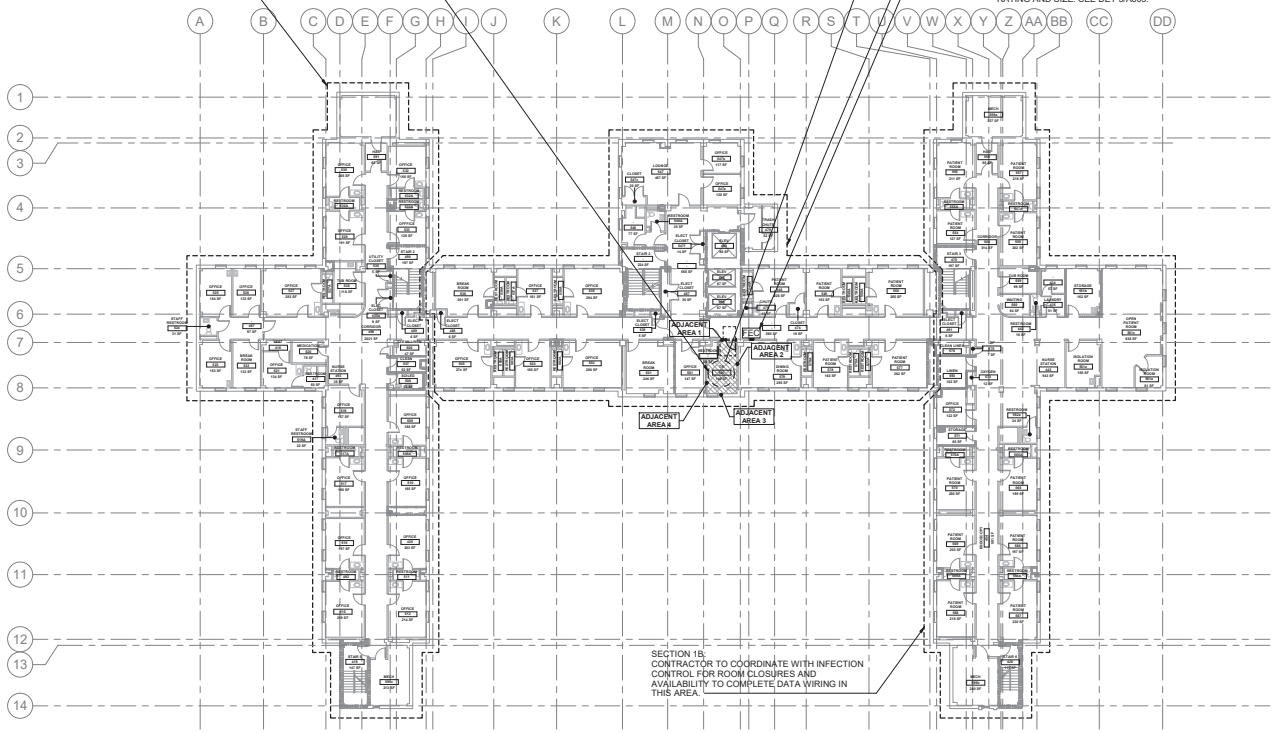
AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR - 580
AREA ABOVE	TR
AREA BELOW	TR
ADJ. AREA 1	-
ADJ. AREA 2	DINING ROOM
ADJ. AREA 3	N/A
ADJ. AREA 4	OFFICE, RESTROOM

PHASE 1: CONTRACTOR TO COMPLETE THE WORK OF THIS TR AND ASSOCIATED DATA DROPS. COMPLETE ONE SECTION AT A TIME AS DIRECTED TO VA RESIDENT ENGINEER.

SECTION 1C:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

SECTION 1A:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.



SECTION 1B:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

1 BUILDING 011 - LEVEL 05 - PHASING PLAN

1/16" = 1'-0"

PROJECT NORTH

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

CLASS I **CLASS III**
CLASS II **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

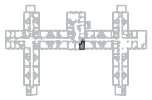
AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

KEY PLAN



KEY AREA SHOWN

PROJECT NORTH

Revisions:	Date:

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DISCIPLINE:

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A/E:
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23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 05 - PHASING PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 011
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Drawing Number: 011AS105
		Issue Date: 11/21/2025 · Checked: KG / EM · Drawn: CO	63 of 339

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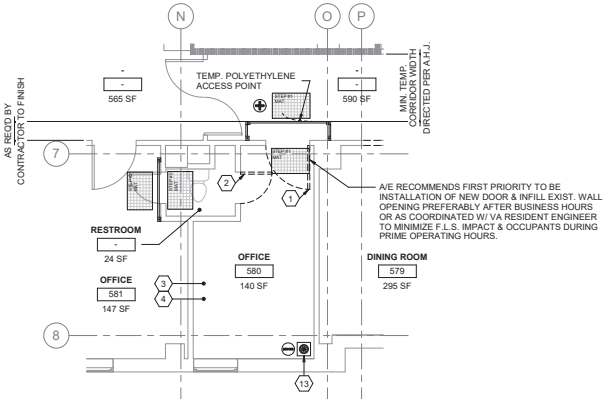

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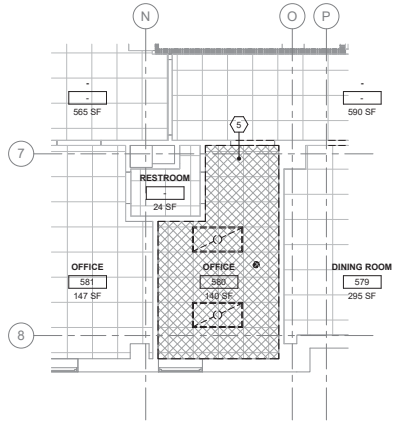
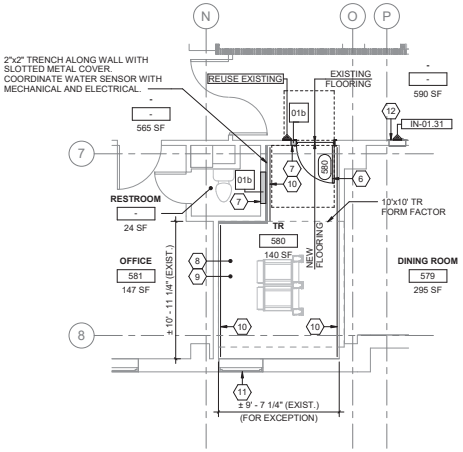
1/4" = 1'-0"



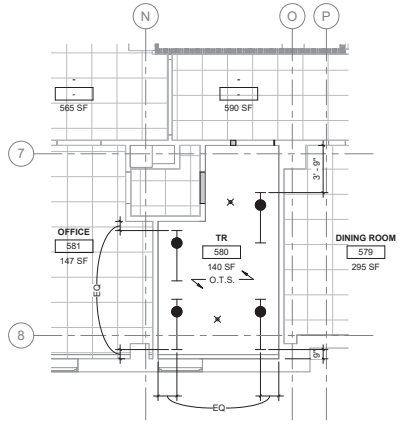
2 RM 580 - DEMO RCP

1/4" = 1'-0"



3 RM 580 - FLOOR PLAN

1/4" = 1'-0"



4 RM 580 - RCP

1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
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RATED BOUNDARY KEY

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8. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

KEY NOTES (THIS SHEET ONLY)

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4. DEMOLISH EXISTING BASE. REMOVE EXISTING ADHESIVE AND PREPARE FOR NEW BASE.
5. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED.
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7. INFILL WALL, PATCH AND PAINT TO MATCH EXISTING.
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10. INSTALL FRT PLYWOOD OVER WALLS AS NEEDED PER DETAIL 3/AE421, TYPICAL.
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12. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

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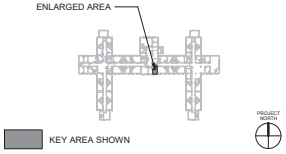
KEY PLAN



Revisions:	Date:

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DISCIPLINE:

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 011 - LVL 05 - DEMO, FLOOR PLAN & RCPS
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	011
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Drawing Number	011A-105
Issue Date	11/21/2025
Checked	KG / EM
Drawn	PQ

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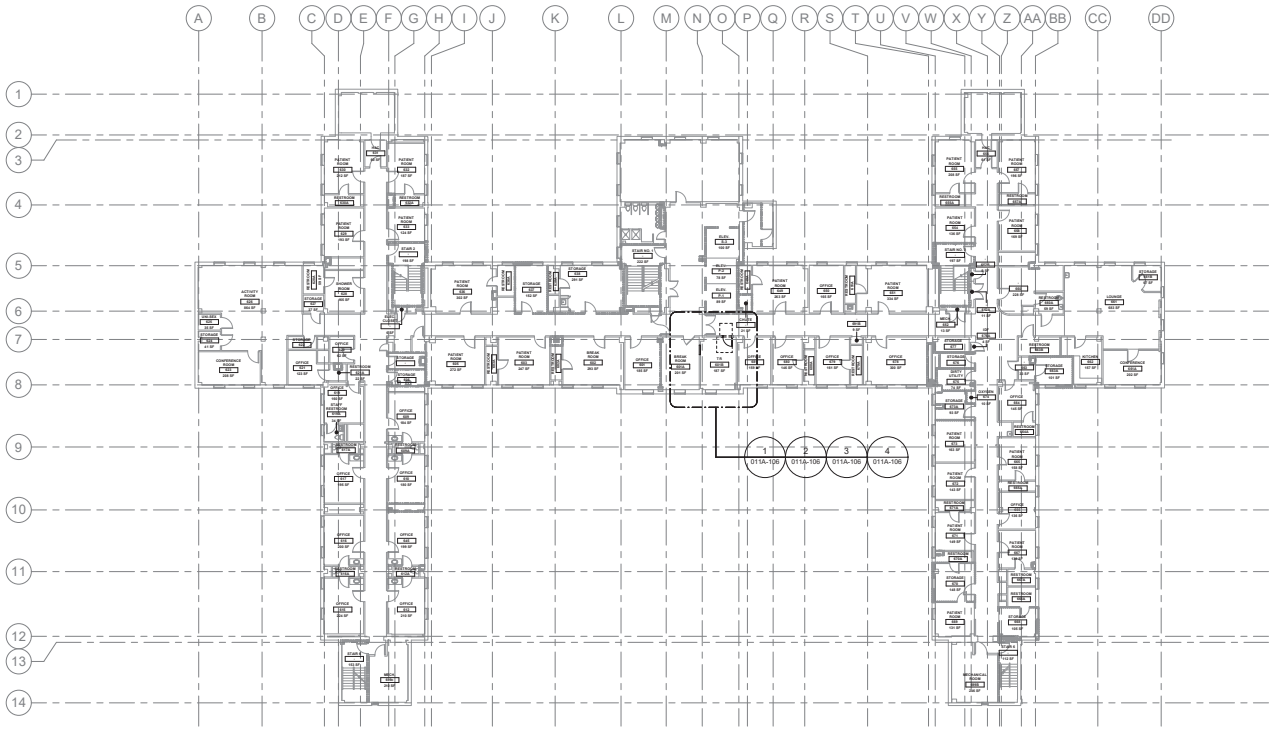
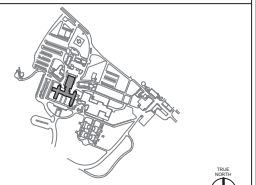


1 BUILDING 011 - LEVEL 06 - ARCHITECTURAL PLAN
1/16" = 1'-0"

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 011 - LVL 06 - ARCHITECTURAL PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG
Drawn	Author
Project Number	671A4-21-700
Building Number	011
Drawing Number	011A-206

VA FORM 08 - 6231

Autodesk Docs://671A4-21-700/VA TX Kerrville EHRM/VATX_11_AR_3338.rvt
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RATED BOUNDARY KEY	
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER
	3 HOUR FIRE BARRIER
	SMOKE PARTITION

ICRA PHASING PLAN LEGEND	
	PROPOSED TR/ TE LOCATION
	ICRA PHASING LINE
XFEC	EXIST. FIRE EXTINGUISHER/ CABINET
FEC	PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE
D | HIGH + | IV

OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY CHANGE NOTED PER BELOW- (EXIST.) **HC IN-PAT to** (PROP.) **STOR.**

LEVEL OF INFECTION CONTROL **I, II, III or IV**

PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**

CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

CLASS I **CLASS III**
CLASS II **CLASS IV**

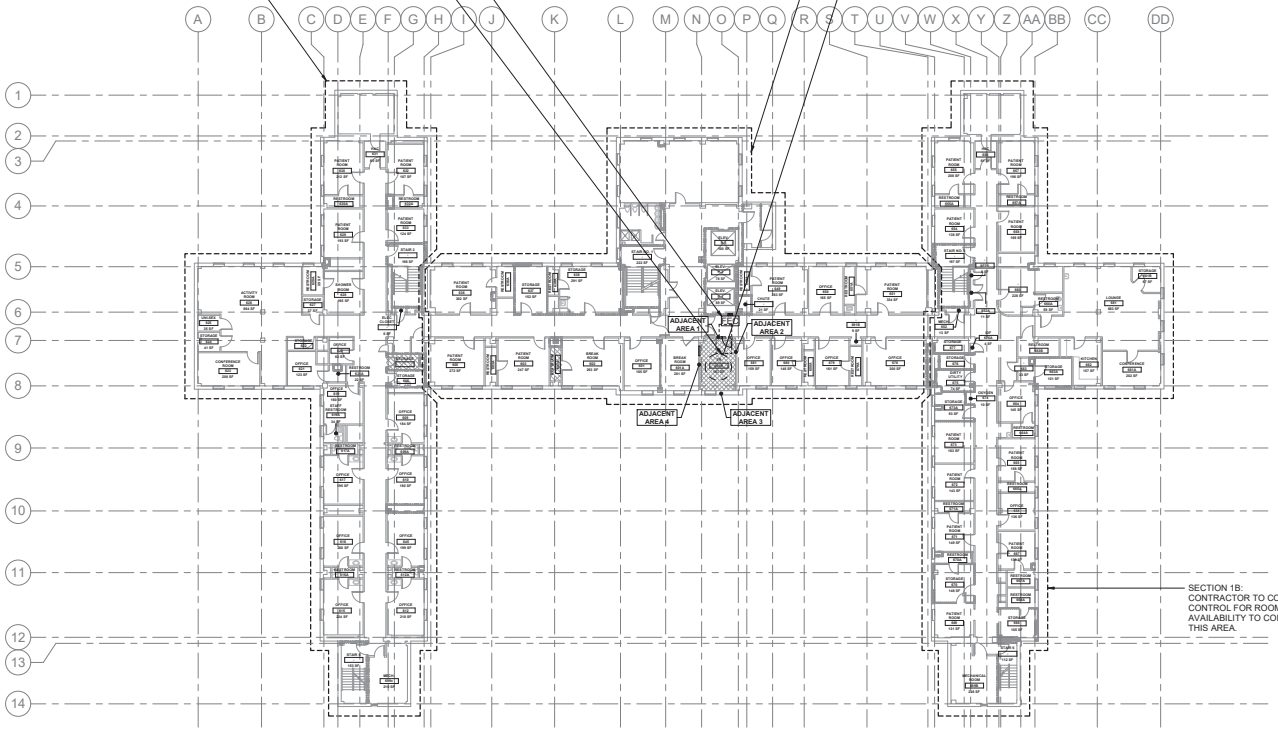
5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

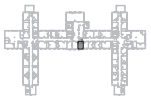


BUS		
C	HIGH	IV

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR - 601B
AREA ABOVE	TR
AREA BELOW	TR
ADJ. AREA 1	-
ADJ. AREA 2	OFFICE
ADJ. AREA 3	N/A
ADJ. AREA 4	BREAK ROOM

1 BUILDING 011 - LEVEL 06 - PHASING PLAN
1/16" = 1'-0"

KEY PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/DISCIPLINE
ENGINEERING DISCIPLINE:

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP
1/22/2026

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 011 - LVL 06 - PHASING PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 011
		Issue Date: 11/21/2025 · Checked: KG / EM · Drawn: CO	Drawing Number: 011AS106

66 of 339

VA FORM 08 - 6231

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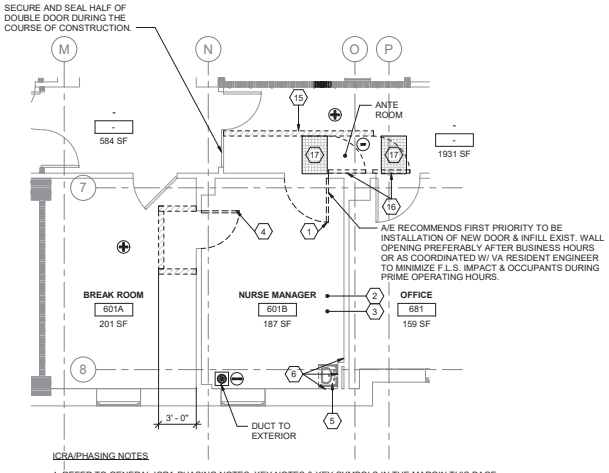
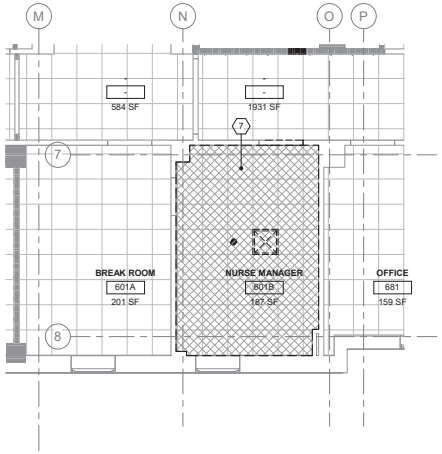


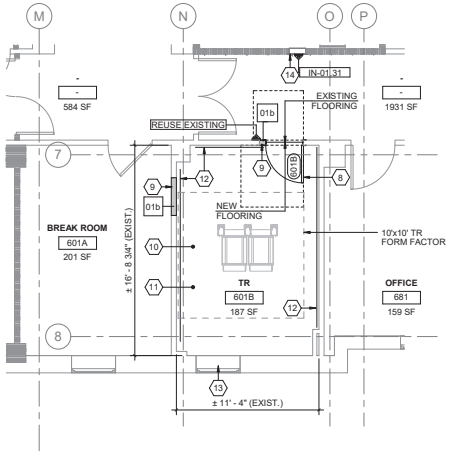
ICRA/PHASING NOTES

1. REFER TO GENERAL ICRA PHASING NOTES, KEY NOTES & KEY SYMBOLS IN THE MARGIN THIS PAGE WHICH ARE ALL APPLICABLE TO THIS LOCATION.
2. TEMPORARY DOORS MAY BE USED DURING PHASING & WHERE USED THEY ARE REQ'D TO MATCH THE EXIST. WALL ASSEMBLY'S FIRE RATINGS/DOOR OPENING PENETRATION RATING & PER NFPA 101.

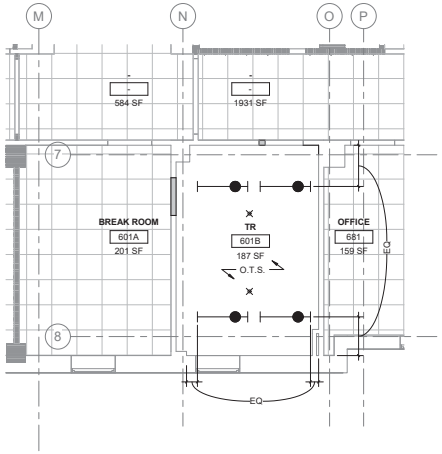
1 RM 601B - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 601B - DEMO RCP
1/4" = 1'-0"



3 RM 601B - FLOOR PLAN
1/4" = 1'-0"



4 RM 601B - RCP
1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- ANTE ROOM (-) PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR ICRA REQUIREMNTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. PATCH AND REPAIR GWB WHERE DOOR IS DEMOLISHED AND A NEW DOOR WILL BE INSTALLED.
9. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

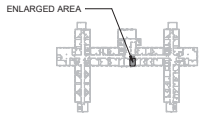
KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH EXISTING DOOR/FRAME. PREPARE FOR NEW DOOR/FRAME.
2. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
3. DEMOLISH EXISTING BASE. REMOVE EXISTING ADHESIVE AND PREPARE FOR NEW BASE.
4. DEMOLISH EXISTING DOOR/FRAME.
5. DEMOLISH EXISTING PLUMBING FIXTURE. SEE MECHANICAL PLANS.
6. DEMOLISH EXISTING WALL TILES. PATCH AND PAINT WALL TO MATCH EXISTING.
7. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED.
8. INSTALL NEW DOOR/FRAME.
9. INFILL WALL, PATCH AND PAINT TO MATCH EXISTING.
10. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
11. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
12. INSTALL FRT PLYWOOD OVER WALLS AS NEEDED PER DETAIL 3/AE421, TYPICAL.
13. INSTALL PHYSICAL SECURITY AT INTERIOR OF EXISTING WINDOW. REFERENCE DETAIL 1/A603.
14. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

ICRA KEYNOTES

15. INSTALL TEMPORARY 1 HR CONSTRUCTION ICRA BARRIER TO SEPARATE CONSTRUCTION AREA FROM OCCUPIED SPACE.
16. INSTALL FIRE RESISTANT TEMPORARY SELF-CLOSING DOOR, SOLID CORE WOOD IN STEEL FRAME, PAINTED, AT OPENING AND MATCH RATING OF ICRA BARRIER, TYPICAL.
17. PLACE TACKY MATS AT ENTRANCE AND EXIT OF CONSTRUCTION AREA, MINIMUM SIZE 24"x36", TYPICAL.

KEY PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

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ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

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1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 011 - LVL 06 - DEMO, FLOOR PLAN & RCPS
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	011
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Drawing Number	011A-106
Issue Date	11/21/2025
Checked	KG / EM
Drawn	PQ

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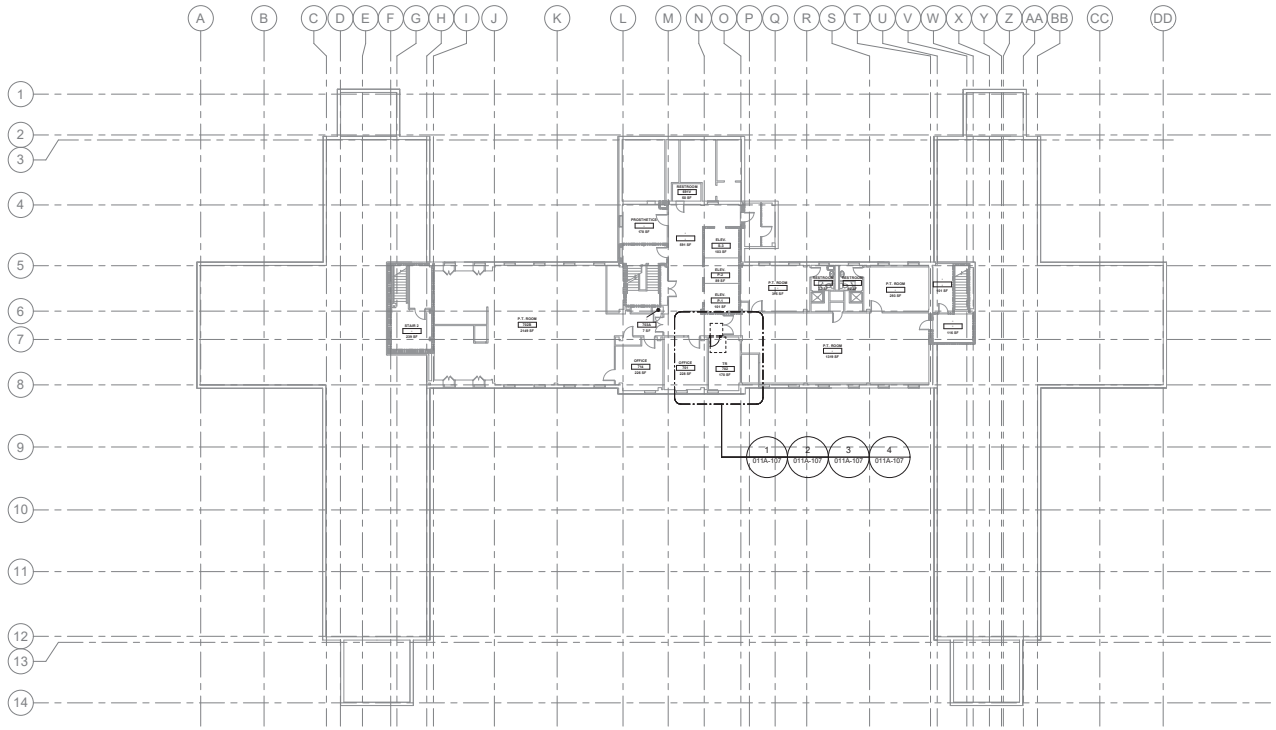


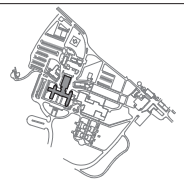
1 BUILDING 011 - LEVEL 07 - ARCHITECTURAL PLAN
1/16" = 1'-0"

PROJECT NORTH

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

TRUE NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

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ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

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1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 011 - LVL 07 - ARCHITECTURAL PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: KG

Drawn: Author

Project Number: 671A4-21-700

Building Number: 011

Drawing Number: 011A-207

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VA FORM 08 - 6231

RATED BOUNDARY KEY	
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER
	3 HOUR FIRE BARRIER
	SMOKE PARTITION

ICRA PHASING PLAN LEGEND	
	PROPOSED TR/ TE LOCATION
	ICRA PHASING LINE
XFEC	EXIST. FIRE EXTINGUISHER/ CABINET
FEC	PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

- OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY CHANGE NOTED PER BELOW- (EXIST.) **HC IN-PAT to** (PROP.) **STOR.**
- LEVEL OF INFECTION CONTROL **I, II, III or IV**
- PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**
- CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

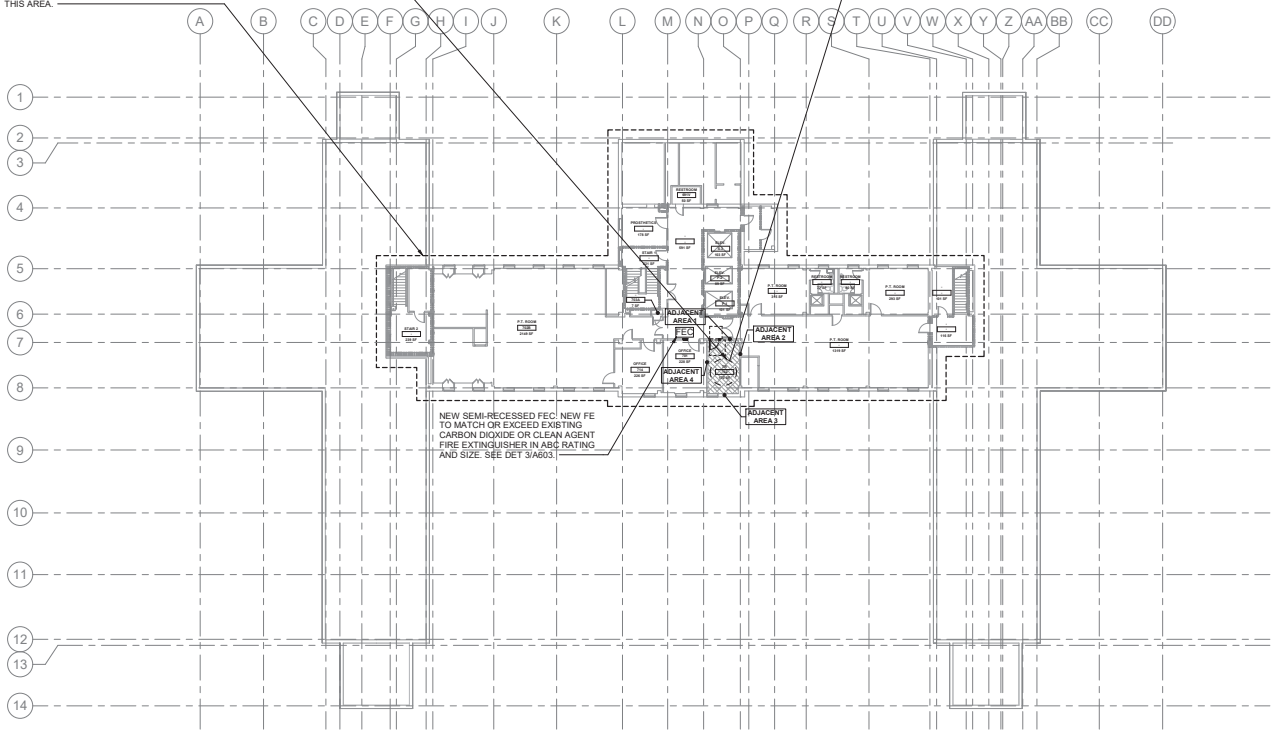
AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

BUS		
C	LOW	II

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR - 702
AREA ABOVE	N/A
AREA BELOW	TR
ADJ. AREA 1	-
ADJ. AREA 2	P.T. ROOM
ADJ. AREA 3	N/A
ADJ. AREA 4	OFFICE

PHASE 1: CONTRACTOR TO COMPLETE THE WORK OF THIS TR AND ASSOCIATED DATA DROPS. COMPLETE ONE SECTION AT A TIME AS DIRECTED TO VA RESIDENT ENGINEER.

SECTION 1A:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.



1 BUILDING 011 - LEVEL 07 - PHASING PLAN
1/16" = 1'-0"

PROJECT NORTH

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

CLASS I **CLASS III**
CLASS II **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

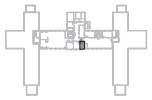
AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

KEY PLAN



KEY AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
1/22/2026

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 011 - LVL 07 - PHASING PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 011
		Issue Date: 11/21/2025 · Checked: KG / EM · Drawn: CO	Drawing Number: 011AS107

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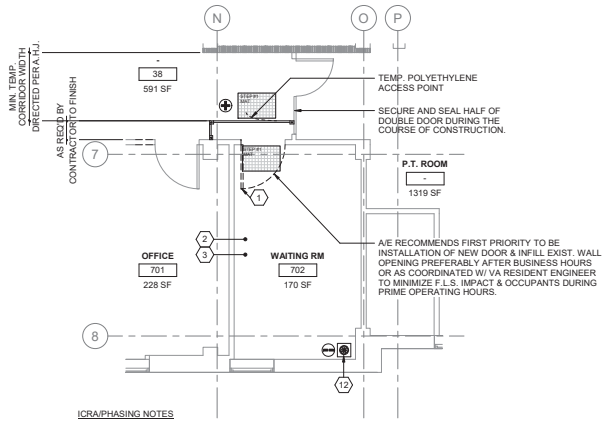
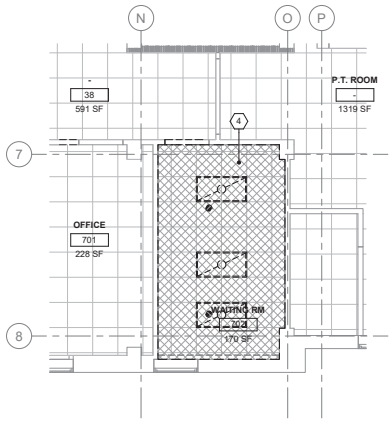


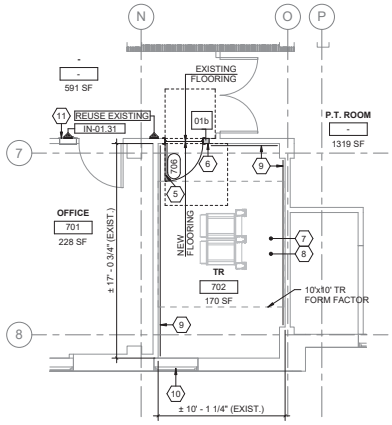
ICRA/PHASING NOTES

1. REFER TO GENERAL ICRA PHASING NOTES, KEY NOTES & KEY SYMBOLS IN THE MARGIN THIS PAGE WHICH ARE ALL APPLICABLE TO THIS LOCATION.
2. TEMPORARY DOORS MAY BE USED DURING PHASING & WHERE USED THEY ARE REQ'D TO MATCH THE EXIST. WALL ASSEMBLY'S FIRE RATINGS/DOOR OPENING PENETRATION RATING & PER NFPA 101.

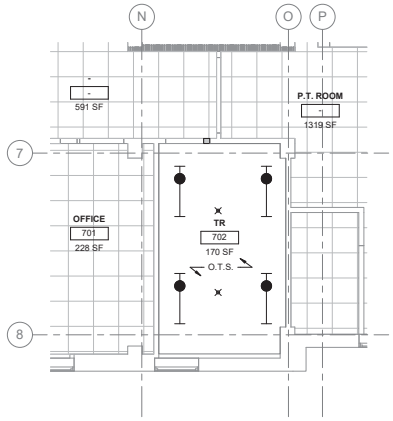
1 RM 702 - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 702 - DEMO RCP
1/4" = 1'-0"



3 RM 702 - FLOOR PLAN
1/4" = 1'-0"



4 RM 702 - RCP
1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

RATED BOUNDARY KEY

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR ICRA REQUIREMNTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR GWB WHERE DOOR IS DEMOLISHED AND A NEW DOOR WILL BE INSTALLED.
8. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

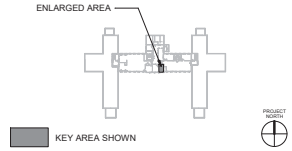
KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH EXISTING DOOR/FRAME. PREPARE FOR NEW DOOR/FRAME.
2. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
3. DEMOLISH EXISTING BASE. REMOVE EXISTING ADHESIVE AND PREPARE FOR NEW BASE.
4. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED.
5. INSTALL NEW DOOR/FRAME.
6. INFILL WALL, PATCH AND PAINT TO MATCH EXISTING.
7. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
8. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
9. INSTALL FRT PLYWOOD OVER WALLS AS NEEDED PER DETAIL 3/AE421, TYPICAL.
10. INSTALL PHYSICAL SECURITY AT INTERIOR OF EXISTING WINDOW. REFERENCE DETAIL 1/A603.
11. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

ICRA KEYNOTES

12. CONTRACTOR TO COORDINATE ROUTING & TERMINATION OF TEMPORARY VENTILATION / PRESSURIZATION IN ACCORDANCE W/ SPEC. REQUIREMENTS, VA RESIDENT ENGINEER DIRECTION & SITE CONDITION / EXIST. CONDITION CONSTRAINTS.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 011 - LVL 07 - DEMO, FLOOR PLAN & RCPS
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	011
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Drawing Number	011A-107
Issue Date	11/21/2025
Checked	KG / EM
Drawn	PQ

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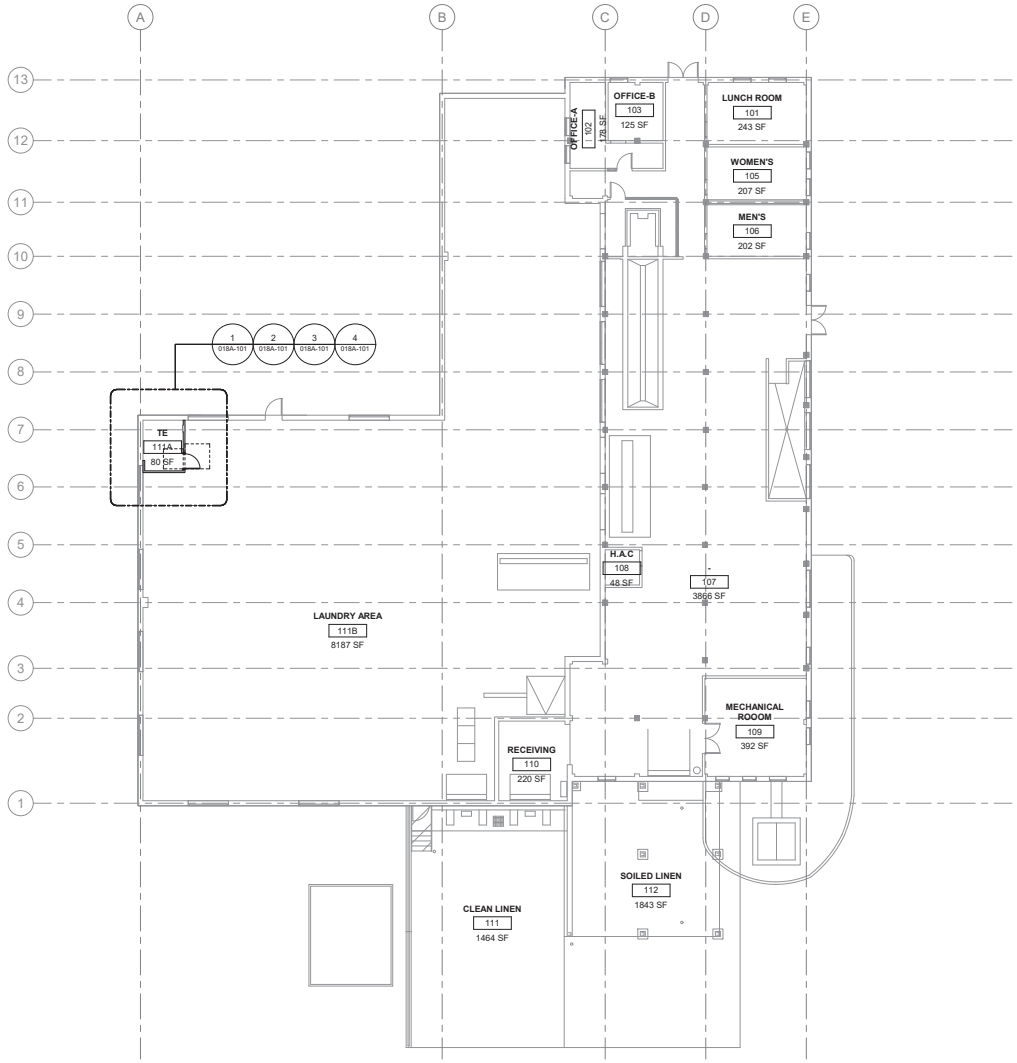


1 BUILDING 018 - LEVEL 01 - ARCHITECTURAL PLAN

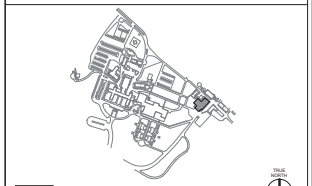
1" = 10'-0"

PROJECT NORTH

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

TRUE NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 018 - LVL 01 - ARCHITECTURAL PLAN

Phase: 100% CONSTRUCTION DOCUMENTS

Approved:

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Project Number: 671A4-21-700

Building Number: 018

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: KG

Drawn: PQ

Drawing Number: 018A-201

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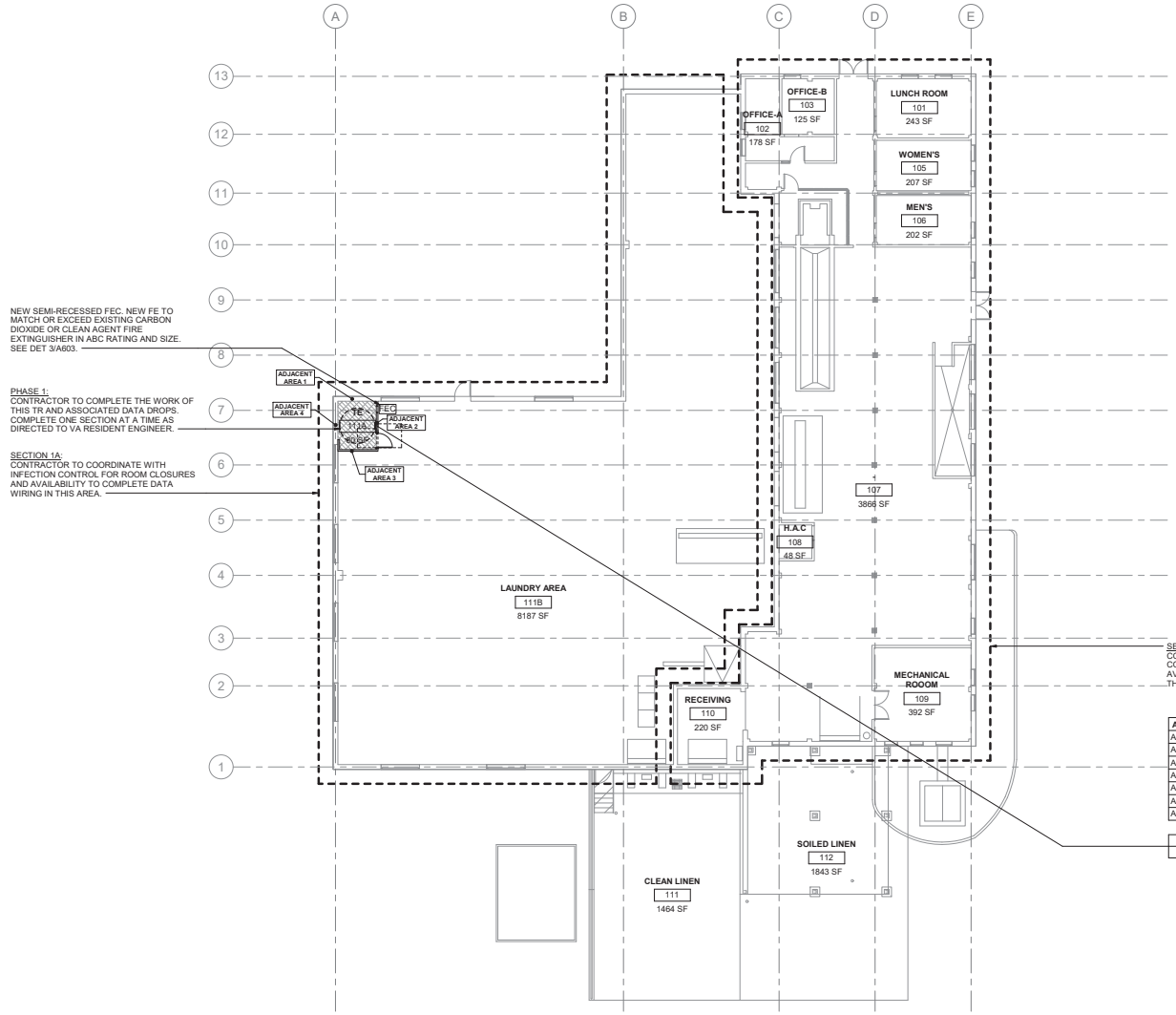

NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

PHASE 1:
CONTRACTOR TO COMPLETE THE WORK OF THIS TR AND ASSOCIATED DATA DROPS. COMPLETE ONE SECTION AT A TIME AS DIRECTED TO VA RESIDENT ENGINEER.

SECTION 1A:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

SECTION 1B:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TE - 111A
AREA ABOVE	N/A
AREA BELOW	N/A
ADJ. AREA 1	N/A
ADJ. AREA 2	RM 111
ADJ. AREA 3	RM 111
ADJ. AREA 4	N/A

BUS		
C	LOW	II

1 BUILDING 018 - LEVEL 01 - PHASING PLAN

1" = 10'-0"

PROJECT NORTH

RATED BOUNDARY KEY

- FIRE WALL (2 HOUR MINIMUM)
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION

ICRA PHASING PLAN LEGEND

- PROPOSED TR/ TE LOCATION
- ICRA PHASING LINE
- XFEC — EXIST. FIRE EXTINGUISHER/ CABINET
- FEC — PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY CHANGE NOTED PER BELOW- (EXIST.) **HC IN-PAT to** (PROP.) **STOR.**

LEVEL OF INFECTION CONTROL **I, II, III or IV**

PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**

CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

CLASS I — **CLASS III**
CLASS II — **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II — **LEVEL III-IV**

KEY PLAN

KEY AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
1/22/2026

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 018 - LVL 01 - PHASING PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 018
		Issue Date: 11/21/2025 · Checked: KG · Drawn: ME	Drawing Number: 018AS101

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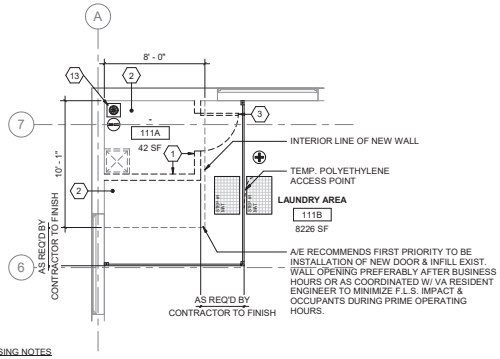
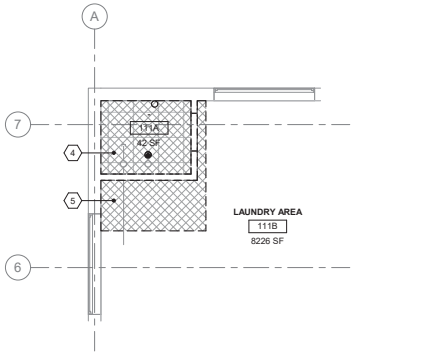


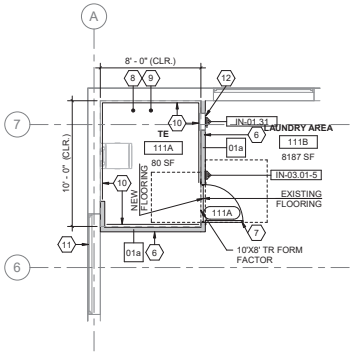
ICRA/PHASING NOTES

1. REFER TO GENERAL ICRA PHASING NOTES, KEY NOTES & KEY SYMBOLS IN THE MARGIN THIS PAGE WHICH ARE ALL APPLICABLE TO THIS LOCATION.
2. TEMPORARY DOORS MAY BE USED DURING PHASING & WHERE USED THEY ARE REQ'D TO MATCH THE EXIST. WALL ASSEMBLY'S FIRE RATINGS/DOOR OPENING PENETRATION RATING & PER NFPA 101.

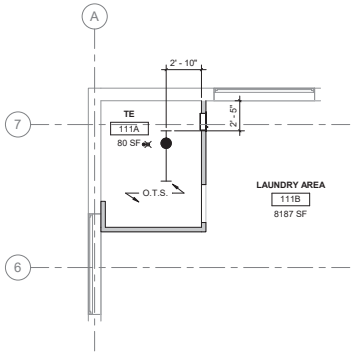
1 RM 111A - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 111A - DEMO RCP
1/4" = 1'-0"



3 RM 111A - FLOOR PLAN
1/4" = 1'-0"



4 RM 111A - RCP
1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

RATED BOUNDARY KEY

- FIRE WALL (2 HOUR MINIMUM)
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR REQUIREMENTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

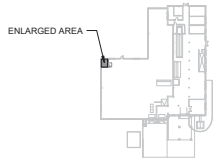
KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH EXISTING WALL. PATCH EXPOSED WALL INTERSECTIONS TO MATCH EXISTING.
2. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
3. DEMOLISH EXISTING DOOR/FRAME.
4. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED.
5. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED. PATCH AND REPAIR REMAINING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
6. CONSTRUCT NEW WALL. PATCH AND PAINT TO MATCH EXISTING.
7. INSTALL NEW DOOR/FRAME.
8. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
9. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
10. INSTALL FRT PLYWOOD OVER WALLS AS NEEDED PER DETAIL 3/AE421, TYPICAL.
11. INSTALL PHYSICAL SECURITY AT INTERIOR OF EXISTING WINDOW. REFERENCE DETAIL 1/A603.
12. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

ICRA KEYNOTES

13. CONTRACTOR TO COORDINATE ROUTING & TERMINATION OF TEMPORARY VENTILATION / PRESSURIZATION IN ACCORDANCE W/ SPEC. REQUIREMENTS, VA C.O.R. DIRECTION & SITE CONDITION / EXIST. CONDITION CONSTRAINTS.

KEY PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 018 - LVL 01 - DEMO, FLOOR PLAN & RCPS
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	018
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Drawing Number	018A-101
Issue Date	11/21/2025
Checked	KG / EM
Drawn	PQ / CA

73 of 339

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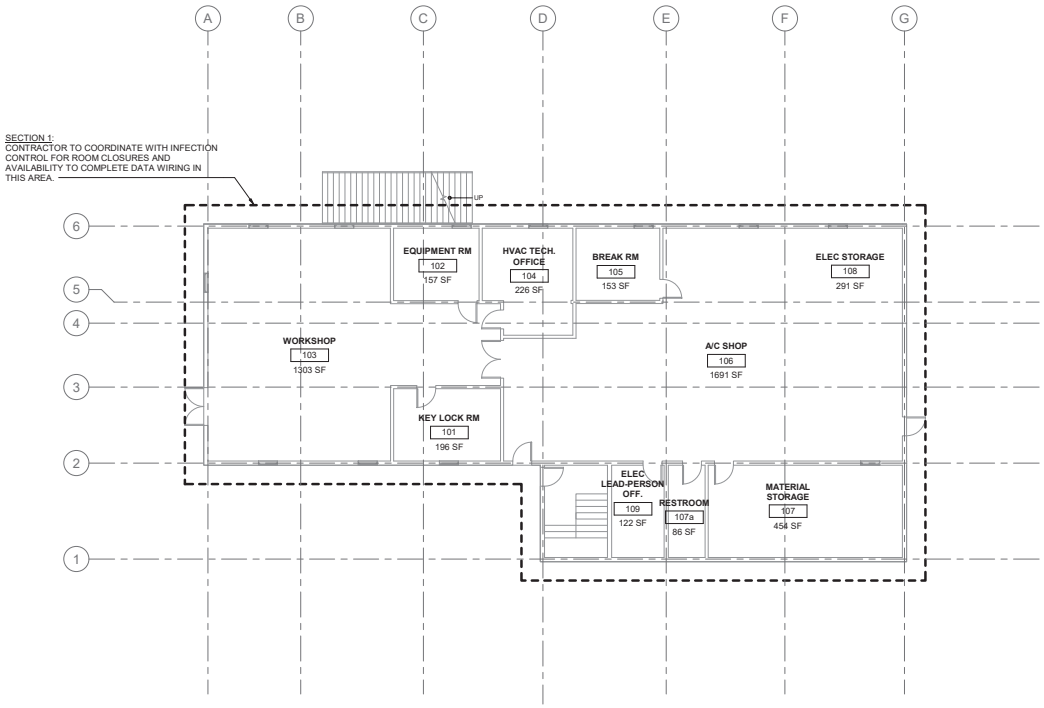


1 BUILDING 029 - LEVEL 01 - PHASING PLAN
1/8" = 1'-0"

PROJECT NORTH

RATED BOUNDARY KEY

- FIRE WALL (2 HOUR MINIMUM)
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION

ICRA PHASING PLAN LEGEND

- PROPOSED TR/ TE LOCATION
- ICRA PHASING LINE
- XFEC — EXIST. FIRE EXTINGUISHER/ CABINET
- FEC — PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

- OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY CHANGE NOTED PER BELOW- (EXIST.) **HC IN-PAT to** (PROP.) **STOR.**
- LEVEL OF INFECTION CONTROL **I, II, III or IV**
- PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**
- CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

- **CLASS I**
- **CLASS II**
- **CLASS III**
- **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

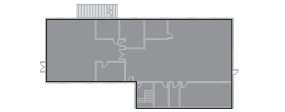
AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

KEY PLAN



KEY AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
1/22/2026

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 029 - LVL 01 - PHASING PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 029
		Issue Date: 11/21/2025 · Checked: KG / EM · Drawn: ME / CA	Drawing Number: 029AS101
			74 of 339

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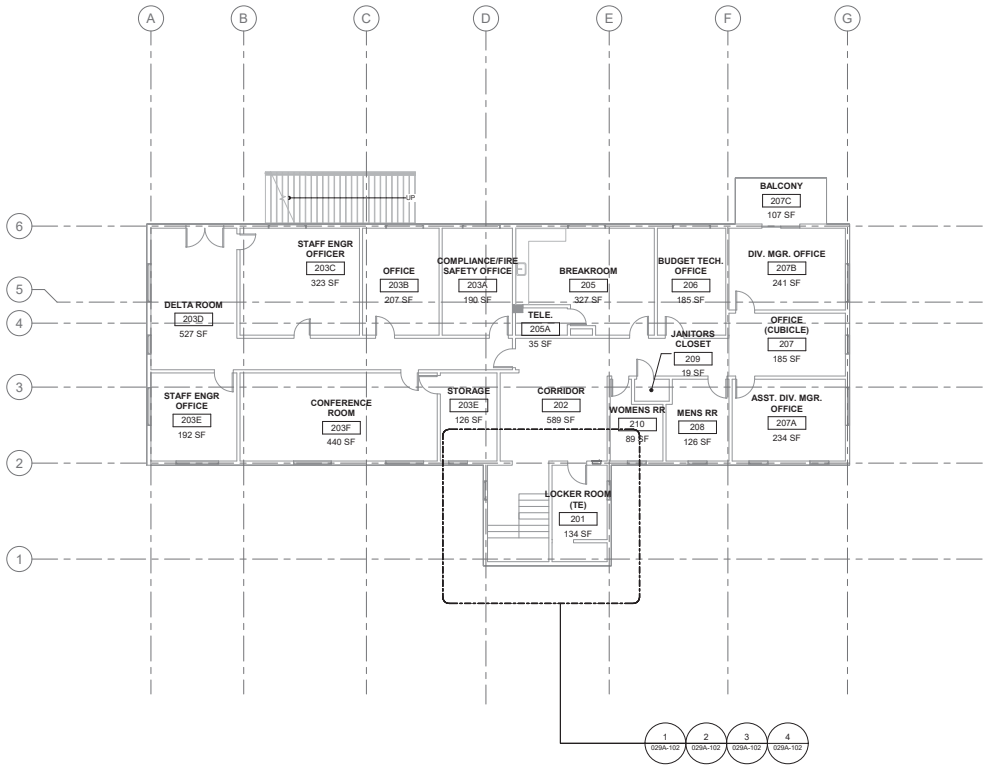
2025.1.0.0.0



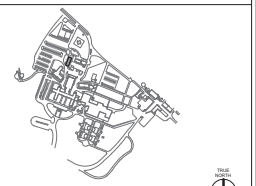
1 BUILDING 029 - LEVEL 02 - ARCHITECTURAL PLAN

1/8" = 1'-0"

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

Revisions:	Date:

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DISCIPLINE:

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KENT, WA 98032

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1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 029 - LVL 02 - ARCHITECTURAL PLAN
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	029
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Drawing Number	029A-202
Issue Date	11/21/2025
Checked	KG
Drawn	PQ

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VA FORM 08 - 6231

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RATED BOUNDARY KEY	
	FIRE WALL (2 HOUR MINIMUM)
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER
	SMOKE PARTITION

ICRA PHASING PLAN LEGEND	
	PROPOSED TR/ TE LOCATION
	ICRA PHASING LINE
XFEC	EXIST. FIRE EXTINGUISHER/ CABINET
FEC	PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

- OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY CHANGE NOTED PER BELOW- (EXIST.) **HC IN-PAT to** (PROP.) **STOR.**
- LEVEL OF INFECTION CONTROL **I, II, III or IV**
- PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**
- CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

CLASS I **CLASS III**
CLASS II **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

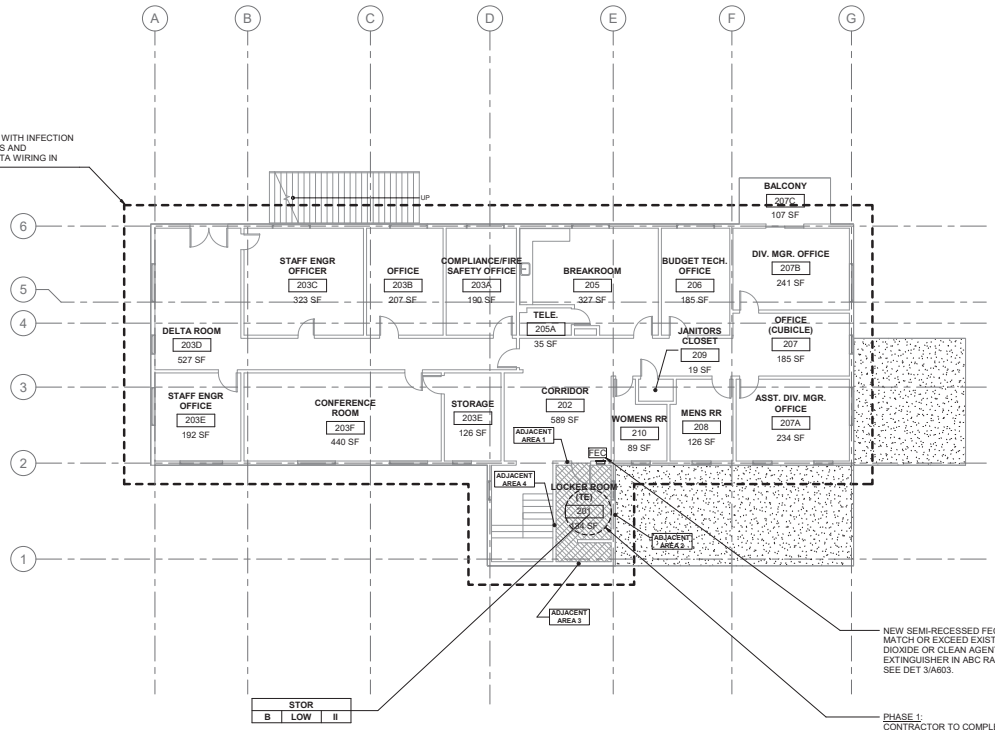
AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

SECTION 1A:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.



STOR		
B	LOW	II

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TE - 201
AREA ABOVE	N/A
AREA BELOW	OFFICE
ADJ. AREA 1	CORRIDOR
ADJ. AREA 2	N/A
ADJ. AREA 3	N/A
ADJ. AREA 4	CORRIDOR

NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

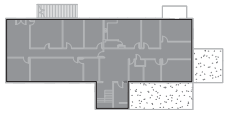
PHASE 1:
CONTRACTOR TO COMPLETE THE WORK OF THIS TR AND ASSOCIATED DATA DROPS. COMPLETE ONE SECTION AT A TIME AS DIRECTED TO VA RESIDENT ENGINEER.

1 BUILDING 029 - LEVEL 02 - PHASING PLAN

1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



KEY AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

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ARCHITECT/ ENGINEER OF RECORD

A/E:
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23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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U.S. Department of Veterans Affairs

Drawing Title	BLDG 029 - LVL 02 - PHASING PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG / EM
Drawn	ME
Project Number	671A4-21-700
Building Number	029
Drawing Number	029AS102

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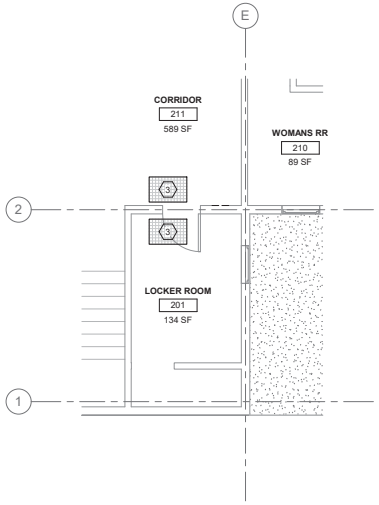
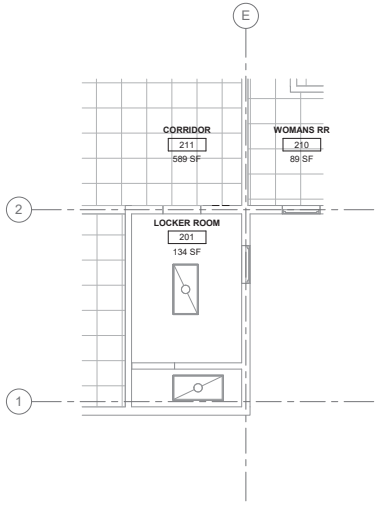
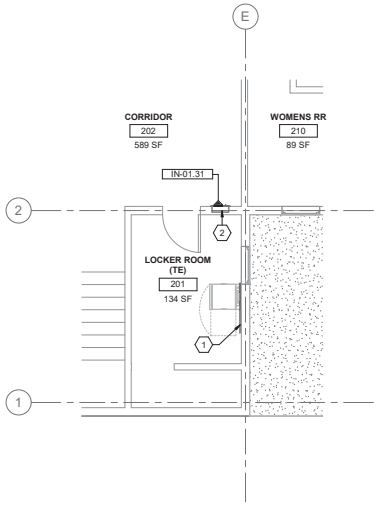


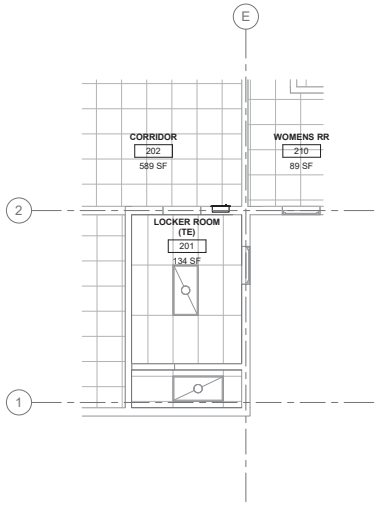
1 RM 201 - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 201 - DEMO RCP
1/4" = 1'-0"



3 RM 201 - FLOOR PLAN
1/4" = 1'-0"



4 RM 201 - RCP
1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

RATED BOUNDARY KEY

- FIRE WALL (2 HOUR MINIMUM)
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR REQUIREMENTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. PATCH AND REPAIR GWB WHERE DOOR IS DEMOLISHED AND A NEW DOOR WILL BE INSTALLED.
9. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

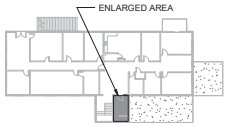
KEY NOTES (THIS SHEET ONLY)

1. THIS SPACE WILL BE UTILIZED FOR NEW TELECOMMUNICATION ENCLOSURE. PROVIDE NEW FRT PLYWOOD OVER WALLS PER DETAIL 3/AE421, TYPICAL.
2. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

ICRA KEYNOTES

3. PLACE TACKY MATS AT ENTRANCE AND EXIT OF CONSTRUCTION AREA, MINIMUM SIZE 24"x36", TYPICAL.

KEY PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

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ARCHITECT/ ENGINEER OF RECORD

A/E:
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23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 029 - LVL 02 - DEMO, FLOOR PLAN & RCPS
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	029
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Drawing Number	029A-102
Issue Date	11/21/2025
Checked	KG / EM
Drawn	RB

77 of 339

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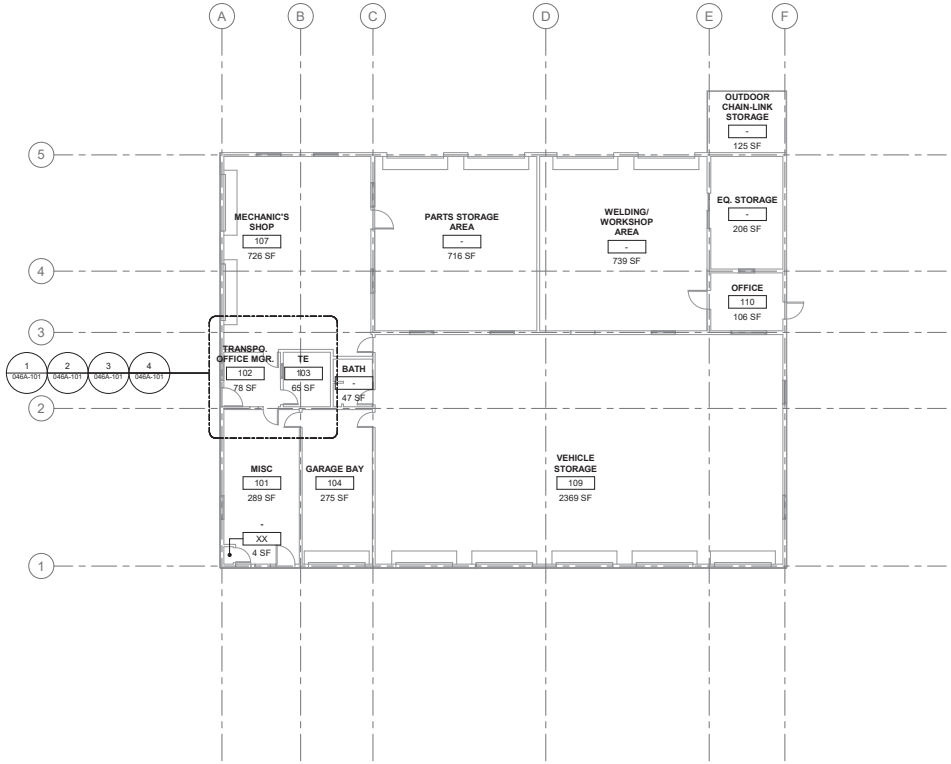


1 BUILDING 046 - LEVEL 01 - ARCHITECTURAL PLAN

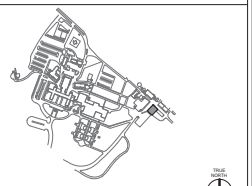
1/8" = 1'-0"

PROJECT NORTH

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

TRUE NORTH

Revisions:	Date:

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DISCIPLINE:

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A/E:
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KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 046 - LVL 01 - ARCHITECTURAL PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: KG

Drawn: CA

Project Number: 671A4-21-700

Building Number: 046

Drawing Number: 046A-201

VA FORM 08 - 6231

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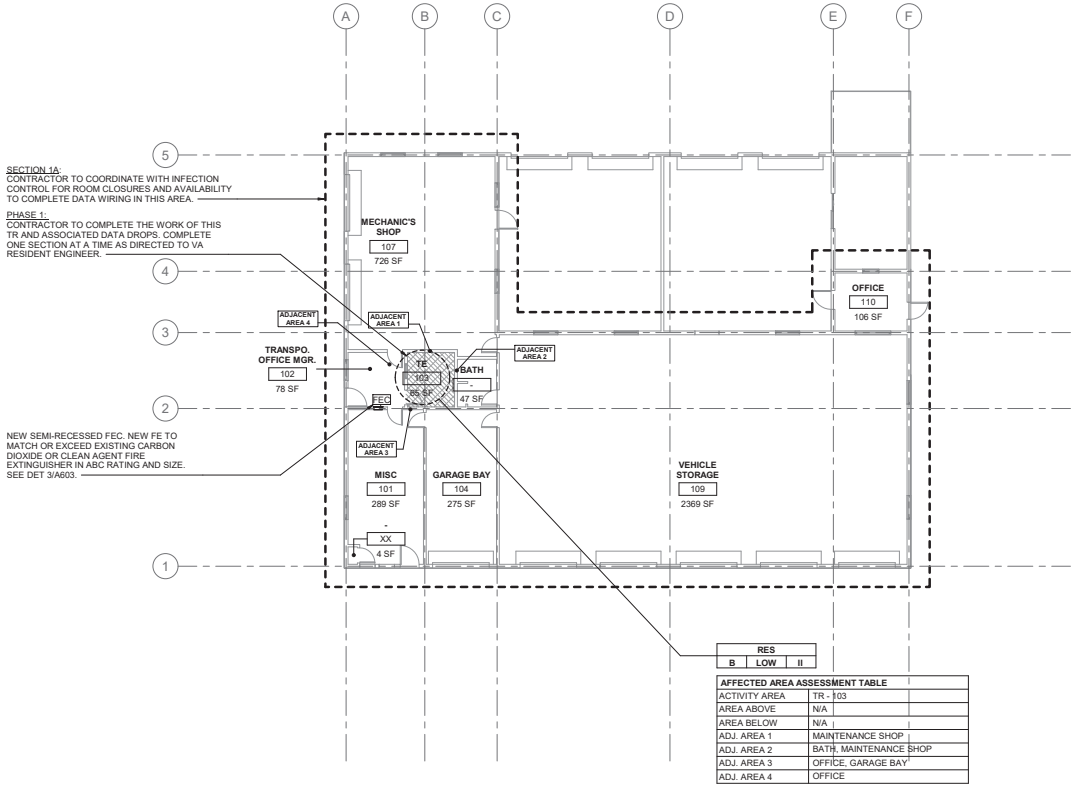

RES		
B	LOW	II

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR - 103
AREA ABOVE	N/A
AREA BELOW	N/A
ADJ. AREA 1	MAINTENANCE SHOP
ADJ. AREA 2	BATH, MAINTENANCE SHOP
ADJ. AREA 3	OFFICE, GARAGE BAY
ADJ. AREA 4	OFFICE

1 BUILDING 046 - LEVEL 01 - PHASING PLAN
1/8" = 1'-0"

PROJECT NORTH

RATED BOUNDARY KEY

- FIRE WALL (2 HOUR MINIMUM)
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION

ICRA PHASING PLAN LEGEND

- PROPOSED TR/ TE LOCATION
- ICRA PHASING LINE
- XFEC — EXIST. FIRE EXTINGUISHER/ CABINET
- FEC — PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

- OFFICE: OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY CHANGE NOTED PER BELOW- (EXIST.) **HC IN-PAT to** (PROP.) **STOR.**
- IV: LEVEL OF INFECTION CONTROL **I, II, III or IV**
- HIGH +: PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**
- D: CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
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HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

- **CLASS I**
- **CLASS II**
- **CLASS III**
- **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

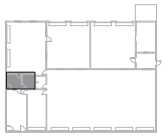
AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

KEY PLAN



KEY AREA SHOWN

PROJECT NORTH

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Drawing Title: BLDG 046 - LVL 01 - PHASING PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 046
		Issue Date: 11/21/2025 · Checked: KG / EM · Drawn: ME	Drawing Number: 046AS101
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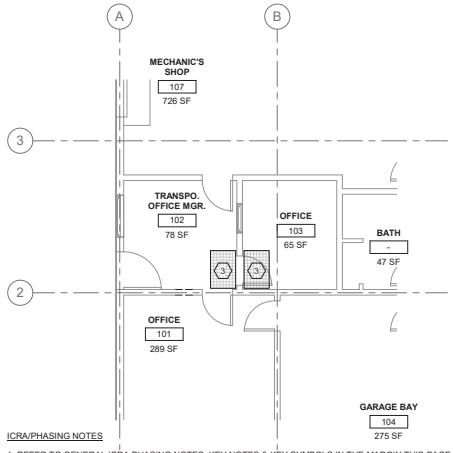
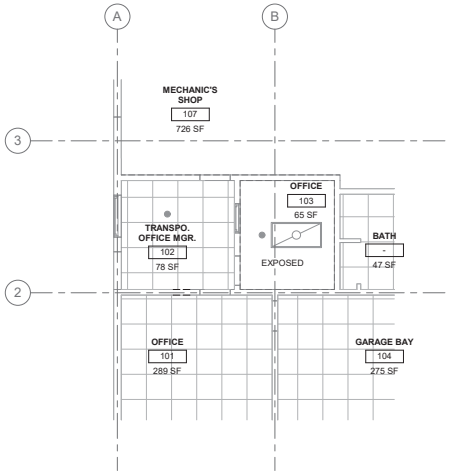


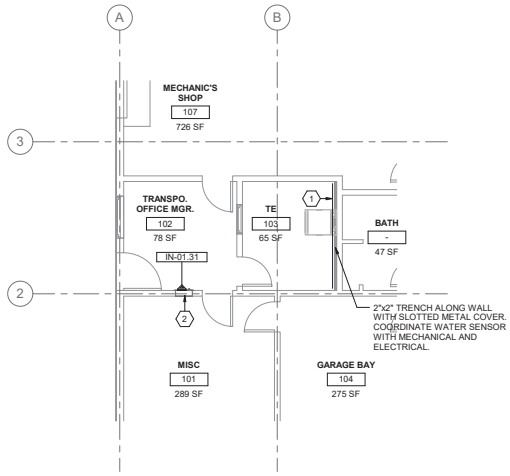
ICRA/PHASING NOTES

1. REFER TO GENERAL ICRA PHASING NOTES, KEY NOTES & KEY SYMBOLS IN THE MARGIN THIS PAGE WHICH ARE ALL APPLICABLE TO THIS LOCATION.
2. TEMPORARY DOORS MAY BE USED DURING PHASING & WHERE USED THEY ARE REQ'D TO MATCH THE EXIST. WALL ASSEMBLY'S FIRE RATINGS/DOOR OPENING PENETRATION RATING & PER NFPA 101.

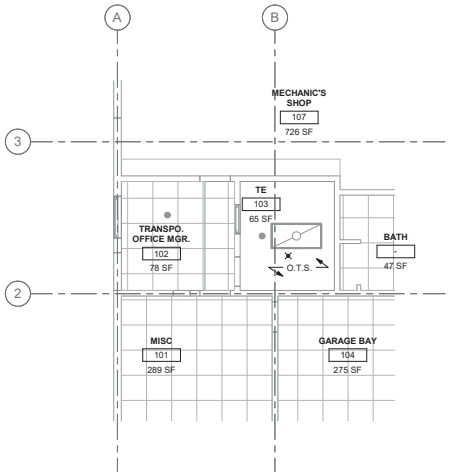
1 RM 102 & 103 - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 102 & 103 - DEMO RCP
1/4" = 1'-0"



3 RM 103 - FLOOR PLAN
1/4" = 1'-0"



4 RM 103 - RCP
1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST
- POLYETHYLENE SHEETING

RATED BOUNDARY KEY

- FIRE WALL (2 HOUR MINIMUM)
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR ICRA REQUIREMNTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

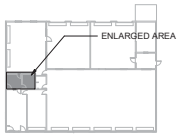
KEY NOTES (THIS SHEET ONLY)

1. THIS SPACE WILL BE UTILIZED FOR NEW TELECOMMUNICATION ENCLOSURE. PROVIDE NEW FRT PLYWOOD OVER WALLS PER DETAIL 3/AE421, TYPICAL.
2. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

ICRA KEYNOTES

3. PLACE TACKY MATS AT ENTRANCE AND EXIT OF CONSTRUCTION AREA, MINIMUM SIZE 24"x36", TYPICAL.

KEY PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 046 - LVL 01 - DEMO, FLOOR PLAN & RCPS
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	046
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Drawing Number	046A-101
Issue Date	11/21/2025
Checked	KG / EM
Drawn	PQ / CA

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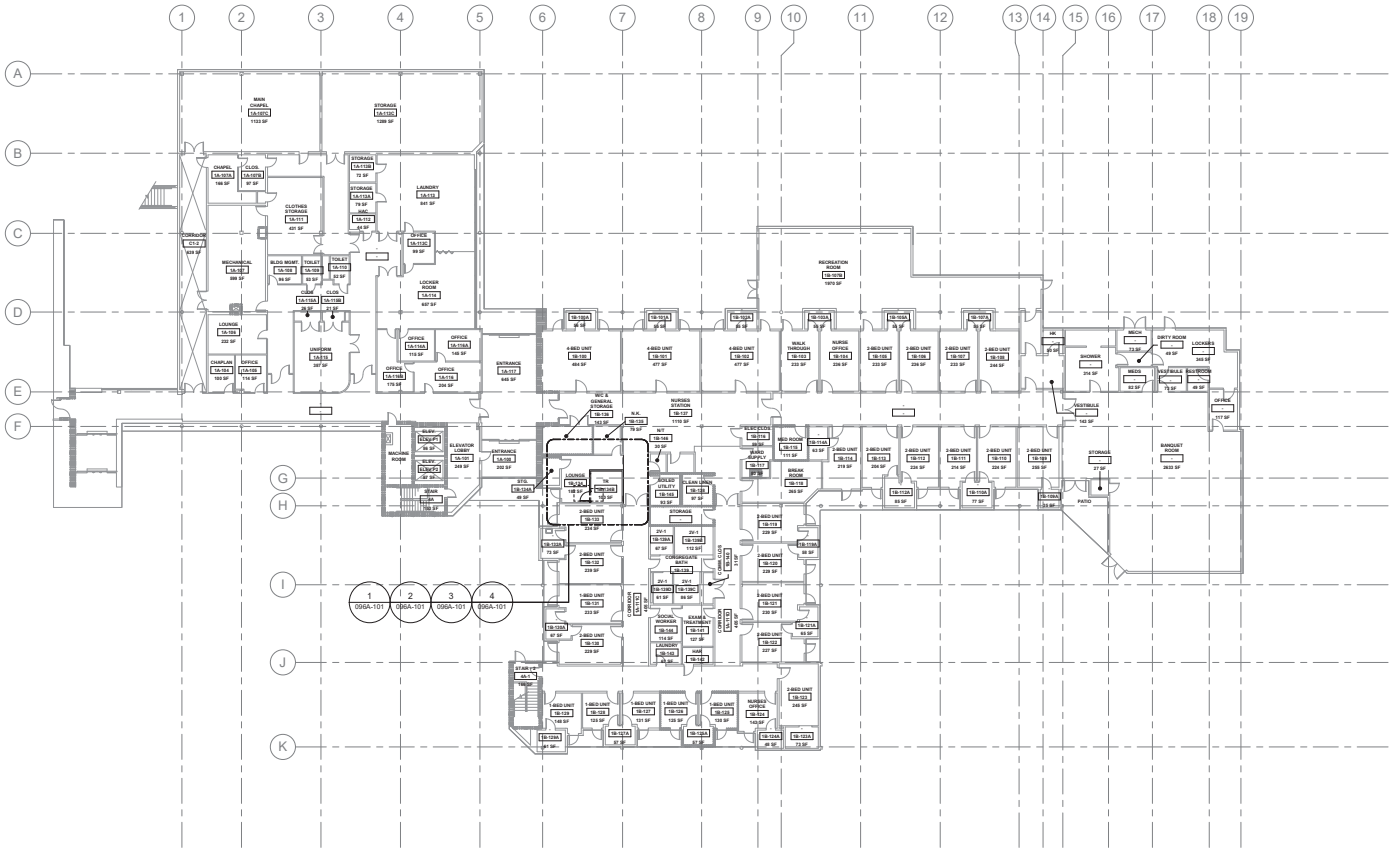
VA FORM 08 - 6231

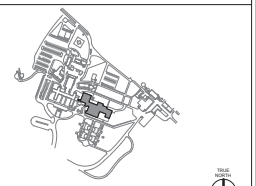


1 BUILDING 096 - LEVEL 01 - ARCHITECTURAL PLAN
1/16" = 1'-0"

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
1/22/2026

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 096 - LVL 01 - ARCHITECTURAL PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Project Number: 671A4-21-700
Building Number: 096
Drawing Number: 096A-201
Issue Date: 11/21/2025
Checked: KG
Drawn: PQ

VA FORM 08 - 6231

Autodesk Docs://671A4-21-700/VA TX Kerrville/EHRM/VATX_MI_AR_B096.rvt
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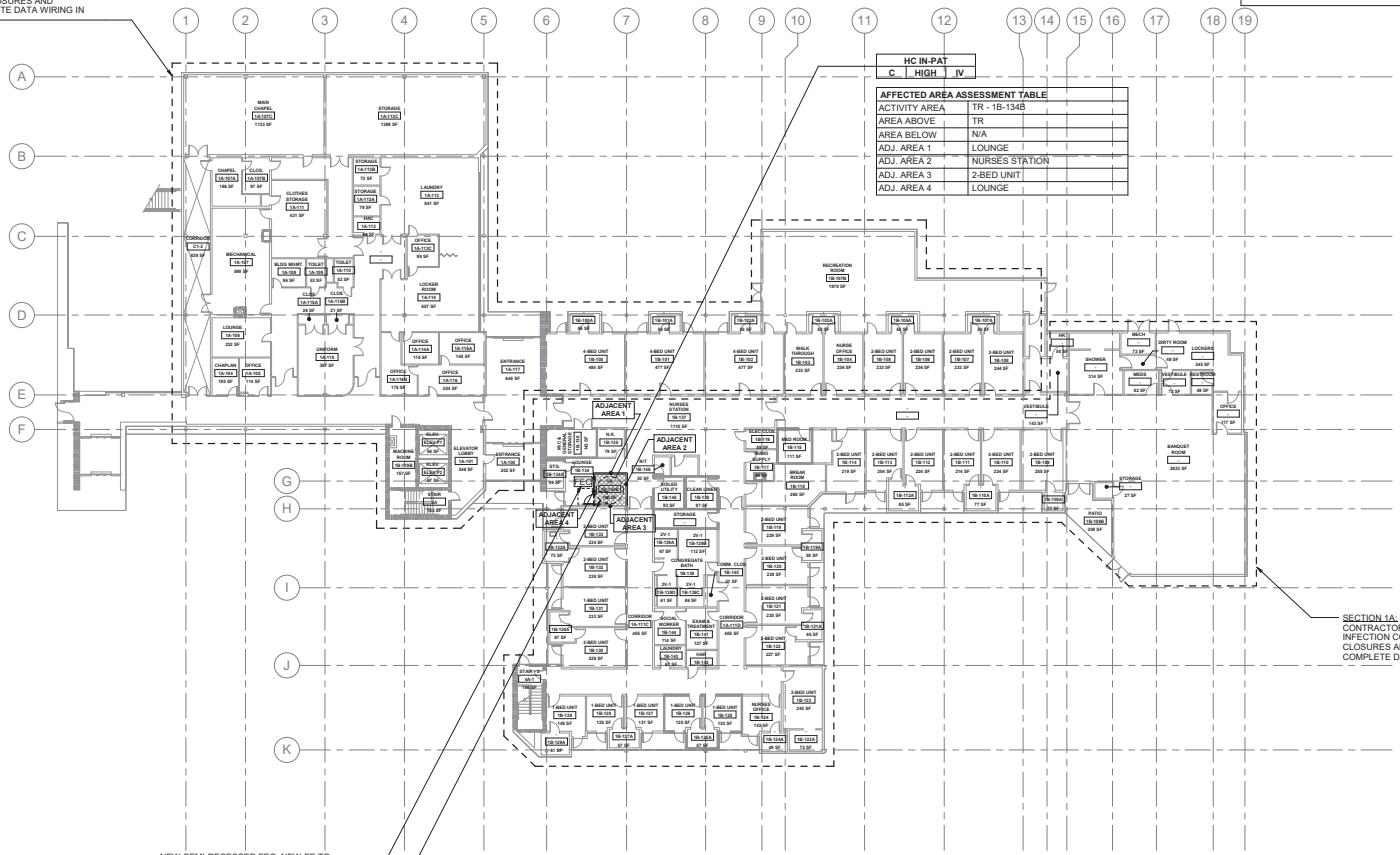
SECTION 1B:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.



HC IN-PAT		
C	HIGH +	IV

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR - 1B-134B
AREA ABOVE	TR
AREA BELOW	N/A
ADJ. AREA 1	LOUNGE
ADJ. AREA 2	NURSES STATION
ADJ. AREA 3	2-BED UNIT
ADJ. AREA 4	LOUNGE

SECTION 1A:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

PHASE 1:
CONTRACTOR TO COMPLETE THE WORK OF THIS TR AND ASSOCIATED DATA DROPS. COMPLETE ONE SECTION AT A TIME AS DIRECTED TO VA RESIDENT ENGINEER.

1 BUILDING 096 - LEVEL 01 - PHASING PLAN

1/16" = 1'-0"

PROJECT NORTH

RATED BOUNDARY KEY

- FIRE WALL (2 HOUR MINIMUM)
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION

ICRA PHASING PLAN LEGEND

- PROPOSED TR/ TE LOCATION
- ICRA PHASING LINE
- XFEC — EXIST. FIRE EXTINGUISHER/ CABINET
- FEC — PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

- OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY CHANGE NOTED PER BELOW- (EXIST.) **HC IN-PAT to** (PROP.) **STOR.**
- LEVEL OF INFECTION CONTROL **I, II, III or IV**
- PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**
- CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

CLASS I — **CLASS III**
CLASS II — **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

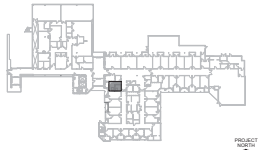
AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II — **LEVEL III-IV**

KEY PLAN



KEY AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

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1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 096 - LVL 01 - PHASING PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 096
		Issue Date: 11/21/2025 · Checked: KG / EM · Drawn: ME	Drawing Number: 096AS101

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VA FORM 08 - 6231

Autodesk Docs://671A4-21-700/VA TX Kerrville/EHRM/VATX_96_AR_S3B.rvt
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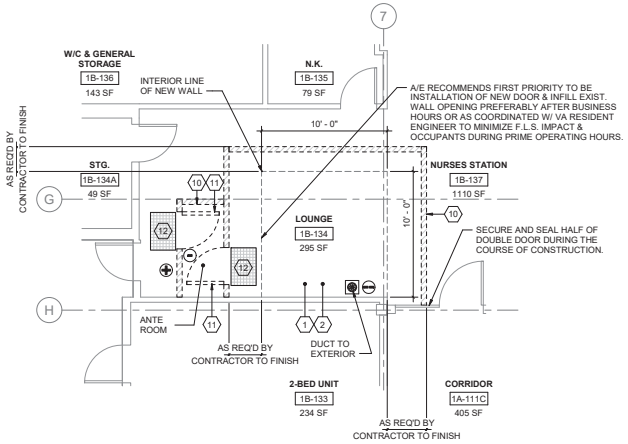
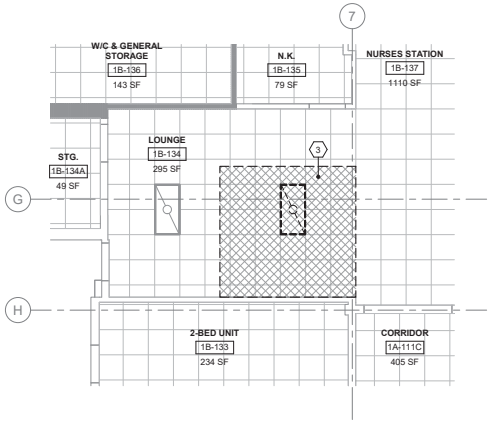


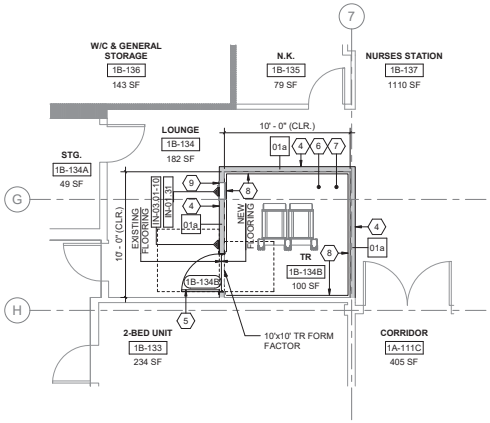
ICRA/PHASING NOTES

1. REFER TO GENERAL ICRA PHASING NOTES, KEY NOTES & KEY SYMBOLS IN THE MARGIN THIS PAGE WHICH ARE ALL APPLICABLE TO THIS LOCATION.
2. TEMPORARY DOORS MAY BE USED DURING PHASING & WHERE USED THEY ARE REQ'D TO MATCH THE EXIST. WALL ASSEMBLY'S FIRE RATINGS/DOOR OPENING PENETRATION RATING & PER NFPA 101.

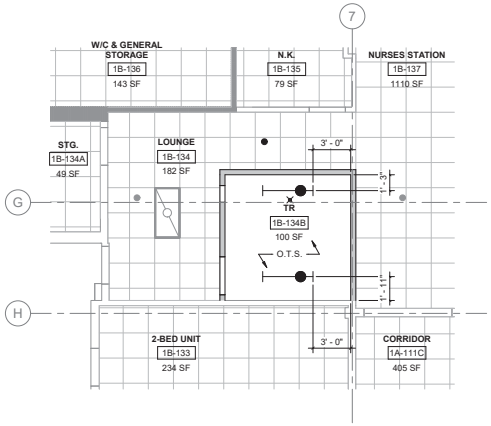
1 RM 1B-134 - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 1B-134 - DEMO RCP
1/4" = 1'-0"



3 RM 1B-134B - FLOOR PLAN
1/4" = 1'-0"



4 RM 1B-134B - RCP
1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA IV / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- ANTE ROOM (-) PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST

RATED BOUNDARY KEY

- FIRE WALL (2 HOUR MINIMUM)
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR ICRA REQUIREMNTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

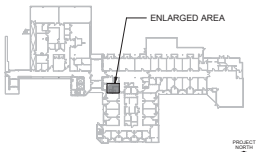
KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH EXISTING BASE. REMOVE EXISTING ADHESIVE AND PREPARE FOR NEW BASE.
2. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
3. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED. PATCH AND REPAIR REMAINING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
4. CONSTRUCT NEW WALL. PATCH AND PAINT TO MATCH EXISTING.
5. INSTALL NEW DOOR/FRAME.
6. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
7. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
8. INSTALL FRT PLYWOOD OVER WALLS AS NEEDED PER DETAIL 3/AE421, TYPICAL.
9. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

ICRA KEYNOTES

10. INSTALL TEMPORARY 1 HR CONSTRUCTION ICRA BARRIER TO SEPARATE CONSTRUCTION AREA FROM OCCUPIED SPACE.
11. INSTALL FIRE RESISTANT TEMPORARY SELF-CLOSING DOOR, SOLID CORE WOOD IN STEEL FRAME, PAINTED, AT OPENING AND MATCH RATING OF ICRA BARRIER, TYPICAL.
12. PLACE TACKY MATS AT ENTRANCE AND EXIT OF CONSTRUCTION AREA, MINIMUM SIZE 24"x36", TYPICAL.

KEY PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 096 - LVL 01 - DEMO, FLOOR PLAN & RCPS
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	096
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Drawing Number	096A-101
Issue Date	11/21/2025
Checked	KG / EM
Drawn	ME / CA

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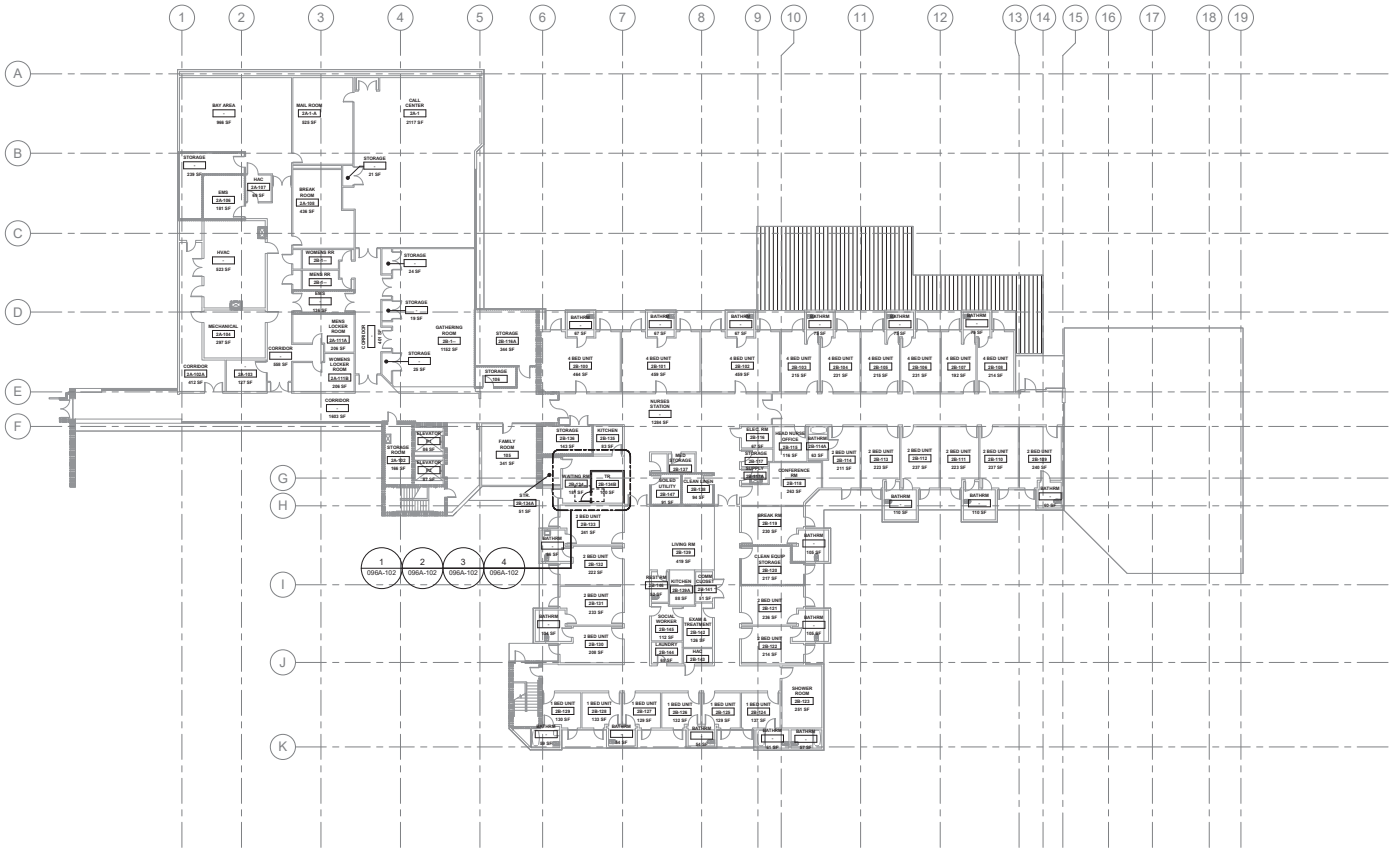
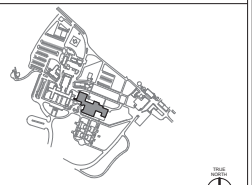


1 BUILDING 096 - LEVEL 02 - ARCHITECTURAL PLAN
1/16" = 1'-0"

GENERAL NOTES

1. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

SITE PLAN



KEY AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

STAMP
1/22/2026

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 096 - LVL 02 - ARCHITECTURAL PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Project Number: 671A4-21-700
Building Number: 096
Drawing Number: 096A-202
Issue Date: 11/21/2025
Checked: KG
Drawn: PQ

VA FORM 08 - 6231

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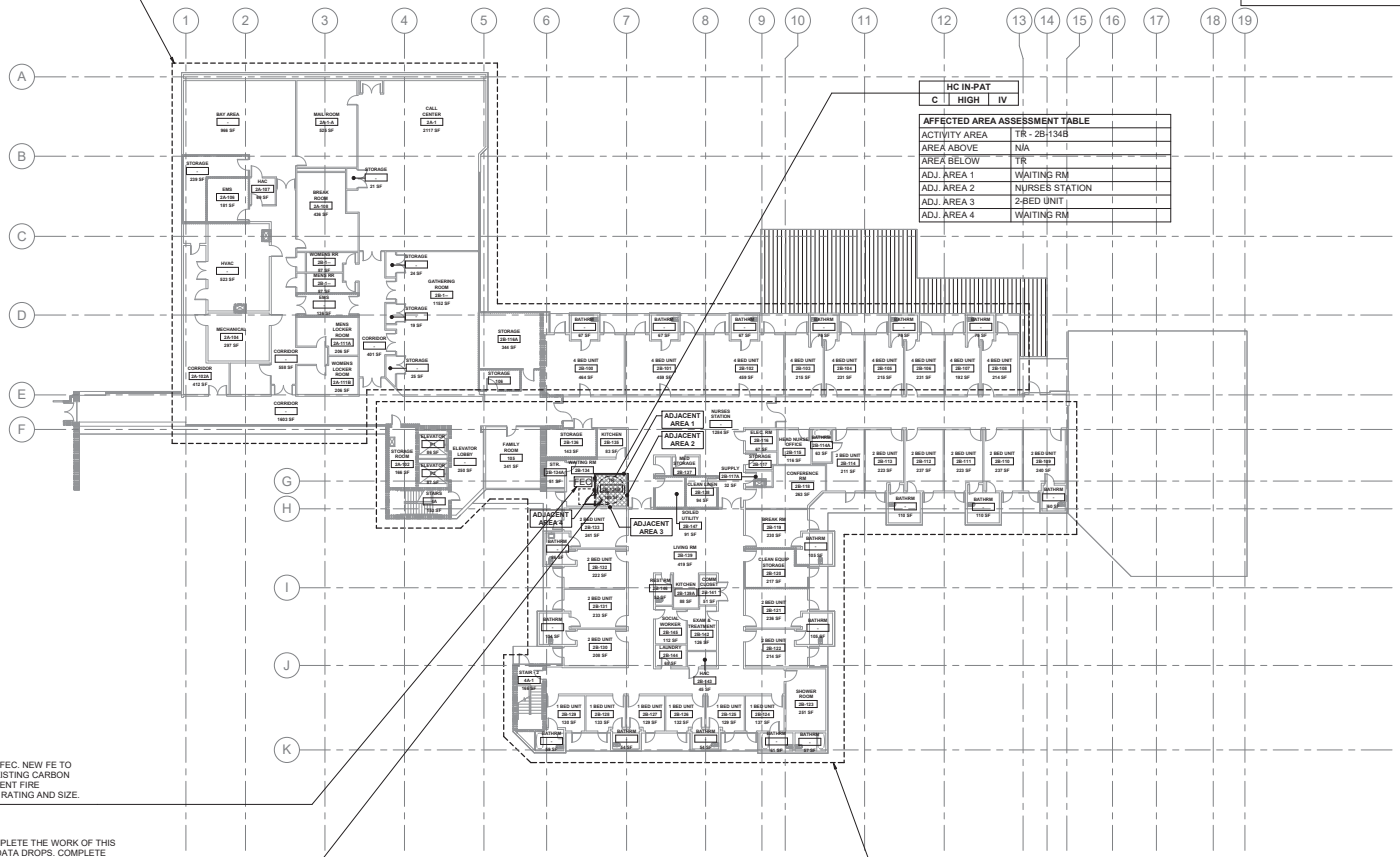
SECTION 1B:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.



HC IN-PAT		
C	HIGH	IV

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR - 2B-134B
AREA ABOVE	N/A
AREA BELOW	TR
ADJ. AREA 1	WAITING RM
ADJ. AREA 2	NURSES STATION
ADJ. AREA 3	2-BED UNIT
ADJ. AREA 4	WAITING RM

NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

PHASE 1:
CONTRACTOR TO COMPLETE THE WORK OF THIS TR AND ASSOCIATED DATA DROPS. COMPLETE ONE SECTION AT A TIME AS DIRECTED TO VA RESIDENT ENGINEER.

SECTION 1A:
CONTRACTOR TO COORDINATE WITH INFECTION CONTROL FOR ROOM CLOSURES AND AVAILABILITY TO COMPLETE DATA WIRING IN THIS AREA.

1 BUILDING 096 - LEVEL 02 - PHASING PLAN

1/16" = 1'-0"

PROJECT NORTH

RATED BOUNDARY KEY

- FIRE WALL (2 HOUR MINIMUM)
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION

ICRA PHASING PLAN LEGEND

- PROPOSED TR/ TE LOCATION
- ICRA PHASING LINE
- XFEC — EXIST. FIRE EXTINGUISHER/ CABINET
- FEC — PROPOSED FIRE EXTINGUISHER/ CABINET

OFFICE		
D	HIGH +	IV

- OFFICE — OCCUPANCY CLASS. PER NFPA 101 **HC IN-PAT, HC OUT-PAT, RES, MERC, BUS, STOR, ETC.** or OTHER OCCUPANCY CHANGE NOTED PER BELOW- (EXIST.) **HC IN-PAT to** (PROP.) **STOR.**
- D — LEVEL OF INFECTION CONTROL **I, II, III or IV**
- HIGH + — PATIENT RISK CATEGORY **LOW, MEDIUM, HIGH or HIGH +**
- IV — CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY **A, B, C or D**

AFFECTED AREA ASSESSMENT TABLE	
ACTIVITY AREA	TR / TE or MCR
AREA ABOVE	OCC. CLASS. NFPA 101
AREA BELOW	OCC. CLASS. NFPA 101
ADJ. AREA 1	OCC. CLASS. NFPA 101
ADJ. AREA 2	OCC. CLASS. NFPA 101
ADJ. AREA 3	OCC. CLASS. NFPA 101
ADJ. AREA 4	OCC. CLASS. NFPA 101

INFECTION CONTROL RISK ASSESMENT (ICRA) NOTES

1. OCCUPANCY CLASSIFICATION
- NFPA 101 (2021) 6.1

HEALTHCARE IN-PATIENT	**MERCANTILE**
HEALTHCARE OUT-PATIENT	**BUSINESS**
RESIDENTIAL	**STORAGE**

2. CONSTRUCTION, RENOVATION &/OR MAINTENANCE CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 1 CONSTRUCTION, RENOVATION, &/OR ACTIVITY CATEGORY)

A	INSPECTION & FACILITY UPKEEP
B	GENERAL MAINTENANCE & REPAIR
C	SMALL-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE
D	LARGE-SCALE CONSTRUCTION, RENOVATION, OR MAINTENANCE

3. PATIENT RISK CATEGORY
-SEE ICRA-(VHA 2023-1.0- TABLE 3 PATIENT RISK CATEGORY)

LOW RISK	NON-PATIENT CARE AREAS
MEDIUM RISK	PATIENT CARE SUPPORT AREAS
HIGH RISK	PATIENT CARE AREAS
HIGHEST RISK	PROCEDURAL, INVASIVE, STERILE SUPPORT & HIGHLY COMPROMISED PATIENT CARE AREAS.

4. LEVEL OF ICRA CONTROL PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 4 LEVEL ICRA & CONTROL PRECAUTIONS & TABLE 5 REQ. ICRA BY LEVEL OF PRECAUTIONS)

- **CLASS I**
- **CLASS II**
- **CLASS III**
- **CLASS IV**

5. ICRA REQUIREMENTS BY LEVEL OF PRECAUTIONS
-SEE ICRA-(VHA 2023-1.0- TABLE 2 AFFECTED AREA ASSESSMENT)

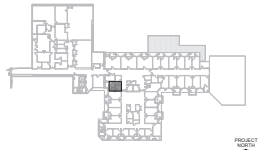
AREA ABOVE	**AREA ADJACENT 2**
AREA BELOW	**AREA ADJACENT 3**
AREA ADJACENT 1	**AREA ADJACENT 4**

6. MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION
-SEE ICRA-(VHA 2023-1.0- TABLE 6 MIN. INFECTION PREVENTION & CONTROL REQ. UPON COMPLETION OF ACTIVITY)

CONTRACTOR NOTE THAT CONTROLS DEFINED BELOW SHALL BE COMPLETED UPON COMPLETION OF THE ACTIVITY & INSPECTED BY INFECTION CONTROL PRIOR TO TERMINATING MEASURES DEFINED IN- *(VHA 2023-1.0- TABLE 5 REQUIRED ICRA BY LEVEL OF PRECAUTIONS)*

LEVEL I-II **LEVEL III-IV**

KEY PLAN



KEY AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

SPEESDESIGNBUILD

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

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1/22/2026

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 096 - LVL 02 - PHASING PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number: 096
		Issue Date: 11/21/2025; Checked: KG / EM; Drawn: ME	Drawing Number: 096AS102
			85 of 339

Autodesk Docs://671A4-21-700/VA TX Kerrville EHRM/VATX_BK_AR_S096.rvt
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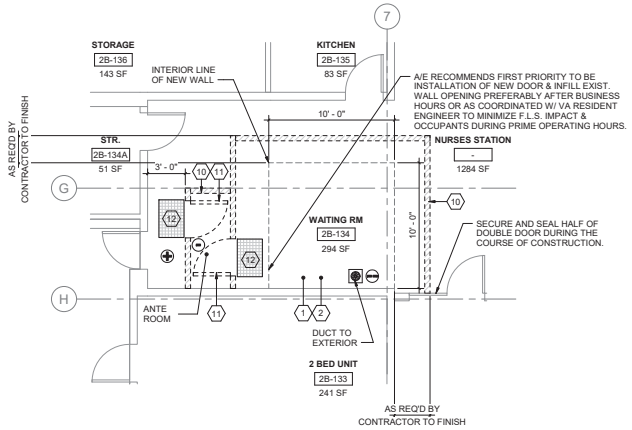
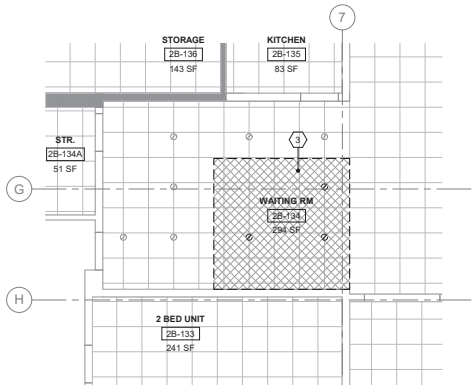
VA FORM 08 - 6231



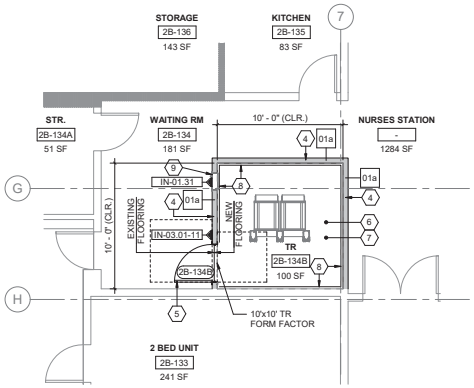
ICRA/PHASING NOTES

1. REFER TO GENERAL ICRA PHASING NOTES, KEY NOTES & KEY SYMBOLS IN THE MARGIN THIS PAGE WHICH ARE ALL APPLICABLE TO THIS LOCATION.
2. TEMPORARY DOORS MAY BE USED DURING PHASING & WHERE USED THEY ARE REQ'D TO MATCH THE EXIST. WALL ASSEMBLY'S FIRE RATINGS/DOOR OPENING PENETRATION RATING & PER NFPA 101.

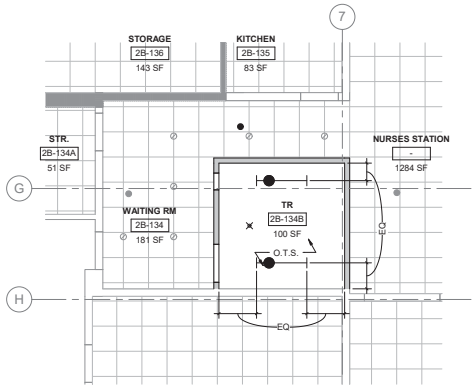
1 RM 2B-134 - DEMO FLOOR PLAN
1/4" = 1'-0"



2 RM 2B-134 - DEMO RCP
1/4" = 1'-0"



3 RM 2B-134B - FLOOR PLAN
1/4" = 1'-0"



4 RM 2B-134B - RCP
1/4" = 1'-0"

ARCHITECTURAL KEY

- TO DEMOLISH
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO DEMOLISH
- NEW DOOR
- EXISTING WALL TO DEMOLISH
- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING LIGHTS TO DEMOLISH
- NEW LIGHTS (SEE ELECTRICAL DRAWINGS)

ICRA IV / PHASING KEY

- (+) POSITIVE PRESSURE
- CONSTRUCTION ZONE, (–) NEGATIVE PRESSURE
- ANTE ROOM (-) PRESSURE
- TEMPORARY ICRA BARRIER
- TEMPORARY ICRA DOOR
- CONSTRUCTION TACKY MAT
- HEPA EQUIPPED EXHAUST

RATED BOUNDARY KEY

- FIRE WALL (2 HOUR MINIMUM)
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE PARTITION

GENERAL NOTES

1. ALL PRODUCTS AND WALL FINISHES SHALL MATCH EXISTING OR ADJACENT EXISTING UNLESS OTHERWISE NOTED.
2. PATCH AND REPAIR WALLS, FLOORS AND CEILING WHERE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ARE DEMOLISHED.
3. PROTECT FINISHES IN ROOMS ADJACENT TO THE AREA OF WORK AND PARTS THAT ARE NOT INCLUDED IN THE SCOPE.
4. CONTRACTOR SHALL LEAVE FIRE RATING STAMP UNPAINTED AND VISIBLE ON THE NEW INSTALLED FRT PLYWOOD. SEE DETAIL 5/AE421.
5. REFER TO SHEET AS101 FOR ICRA REQUIREMNTS AND DETAILS.
6. PATCH AND REPAIR CEILING, WALLS AND FLOORS AS REQUIRED WHERE ICRA BARRIERS WILL BE CONSTRUCTED AND REMOVED.
7. PATCH AND REPAIR EXISTING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
8. SEE SHEET G-003 FOR COMPLETE DRAWING INDEX.

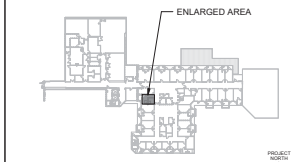
KEY NOTES (THIS SHEET ONLY)

1. DEMOLISH EXISTING BASE. REMOVE EXISTING ADHESIVE AND PREPARE FOR NEW BASE.
2. DEMOLISH EXISTING FLOOR FINISH TO EXPOSE FLOOR STRUCTURE UNDERNEATH. REMOVE ANY EXISTING SUBSTANCE/BONDING AGENT IF ANY. PREPARE FLOORING FOR NEW WORK.
3. DEMOLISH EXISTING ACT COMPLETELY INCLUDING ALL GRIDS, SUPPORTING WIRES, CLIPS, AND PERIMETER WALL ANGLES TO EXPOSE UNDERSIDE OF STRUCTURE ABOVE. PATCH WALLS WHERE CEILING IS REMOVED. PATCH AND REPAIR REMAINING CEILING GRID AND TILES WHERE NEW WALLS ARE BEING INSTALLED.
4. CONSTRUCT NEW WALL.
5. INSTALL NEW DOOR/FRAME.
6. APPLY ANTI-STATIC COATING TO EXPOSED FLOOR. PROVIDE VINYL REDUCER STRIP AT EXISTING FLOORING TRANSITION.
7. INSTALL NEW RESILIENT RUBBER BASE AT ROOM PERIMETER WITH SEALANT AT THE BOTTOM.
8. INSTALL FRT PLYWOOD OVER WALLS AS NEEDED PER DETAIL 3/AE421, TYPICAL.
9. NEW SEMI-RECESSED FEC. NEW FE TO MATCH OR EXCEED EXISTING CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER IN ABC RATING AND SIZE. SEE DET 3/A603.

ICRA KEYNOTES

10. INSTALL TEMPORARY 1 HR CONSTRUCTION ICRA BARRIER TO SEPARATE CONSTRUCTION AREA FROM OCCUPIED SPACE.
11. INSTALL FIRE RESISTANT TEMPORARY SELF-CLOSING DOOR, SOLID CORE WOOD IN STEEL FRAME, PAINTED, AT OPENING AND MATCH RATING OF ICRA BARRIER, TYPICAL.
12. PLACE TACKY MATS AT ENTRANCE AND EXIT OF CONSTRUCTION AREA, MINIMUM SIZE 24"x36", TYPICAL.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

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ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 096 - LVL 02 - DEMO, FLOOR PLAN & RCPS
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	096
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Drawing Number	096A-102
Issue Date	11/21/2025
Checked	KG / EM
Drawn	ME / CA

86 of 339

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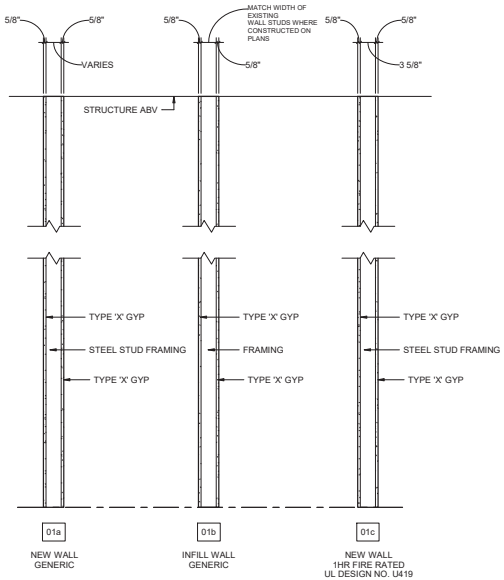
ROOM FINISH SCHEDULE

BLDG. NO.	LEVEL	ROOM NO.	ROOM NAME	FLOOR		BASE		WALL FINISH								CEILING
								NORTH		EAST		SOUTH		WEST		
				MAT	FIN	MAT	HT	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	
001	LEVEL 01	1C1A	TR	EXP	AST	RB-01	4"	GWB	P-02 - P-03	-	P-02 - P-03	-	P-02 - P-03	GWB	P-02 - P-03	EXPOSED
001	LEVEL 01	1C1	LOBBY	-	-	TME	TME	-	-	GWB	P-01	GWB	P-01	-	-	-
002	Not Placed	110	-	-	-	TME	TME	GWB	P-01	GWB	P-01	-	-	GWB	P-01	-
002	LEVEL 01	109	TR	EXP	AST	RB-01	4"	-	P-02 - P-03	GWB	P-02 - P-03	GWB	P-02 - P-03	GWB	P-02	EXPOSED
011	LEVEL 00	0A	TR	EXP	AST	RB-01	4"	-	P-02 - P-03	-	P-02 - P-03	GWB	P-02 - P-03	GWB	P-02 - P-03	EXPOSED
011	LEVEL 00	0	PATRIOT EXPRESS SEATING AREA	-	-	TME	TME	GWB	P-01	GWB	P-01	-	-	-	-	-
011	LEVEL 00	-	CORRIDOR	-	-	EXST	EXST	-	-	-	-	-	P-01	-	-	-
011	LEVEL 01	101A	TR	EXP	AST	RB-01	4"	-	P-02 - P-03	-	P-02 - P-03	-	P-02 - P-03	GWB	P-02 - P-03	EXPOSED
011	LEVEL 01	101	ENTRANCE LOBBY SEATING	-	-	TME	TME	-	-	GWB	P-01	-	-	-	-	-
011	LEVEL 01	30	CORRIDOR	-	-	EXST	EXST	-	-	-	-	-	P-01	-	-	-
011	LEVEL 02	201A	TR	EXP	AST	RB-01	4"	GWB	P-02 - P-03	-	P-02 - P-03	-	P-02	-	P-02 - P-03	EXPOSED
011	LEVEL 02	201B	OFFICE	-	-	EXST	EXST	-	-	-	P-01	-	-	-	-	-
011	LEVEL 02	1638	CORRIDOR	-	-	TME	TME	-	-	-	-	GWB	P-01	-	-	-
011	LEVEL 03	388	TR	EXP	AST	RB-01	4"	GWB	P-02 - P-03	-	P-02 - P-03	-	P-02 - P-03	-	P-02 - P-03	EXPOSED
011	LEVEL 03	301	STORAGE	-	-	EXST	EXST	-	-	-	P-01	-	-	-	-	-
011	LEVEL 03	-	-	-	-	TME	TME	-	-	-	-	GWB	P-01	-	-	-
011	LEVEL 04	457	TR	EXP	AST	RB-01	4"	GWB	P-02 - P-03	-	P-02 - P-03	-	P-02	-	P-02 - P-03	EXPOSED
011	LEVEL 04	450	CORRIDOR	-	-	TME	TME	-	-	-	-	GWB	P-01	-	-	-
011	LEVEL 05	580	TR	EXP	AST	RB-01	4"	GWB	P-02	-	P-02 - P-03	-	P-02	GWB	P-02 - P-03	EXPOSED
011	LEVEL 05	-	RESTROOM	-	-	TME	TME	-	-	GWB	P-01	-	-	-	-	-
011	LEVEL 05	-	-	-	-	TME	TME	-	-	-	-	GWB	P-01	-	-	-
011	LEVEL 06	601B	TR	EXP	AST	RB-01	EXST	GWB	P-02 - P-03	-	P-02 - P-03	-	P-02	GWB	P-02 - P-03	EXPOSED
011	LEVEL 06	601A	BREAK ROOM	-	-	TME	TME	-	-	GWB	P-01	-	-	-	-	-
011	LEVEL 06	-	-	-	-	TME	TME	-	-	-	-	GWB	P-01	-	-	-
011	LEVEL 07	702	TR	EXP	AST	RB-01	4"	GWB	P-02 - P-03	-	P-02 - P-03	-	P-02	-	P-02 - P-03	EXPOSED
011	LEVEL 07	-	-	-	-	TME	TME	-	-	-	-	GWB	P-01	-	-	-
018	LEVEL 01	111A	TE	EXP	AST	RB-01	4"	-	P-02 - P-03	GWB	P-02 - P-03	GWB	P-02 - P-03	GWB	P-02 - P-03	EXPOSED
018	LEVEL 01	111B	LAUNDRY AREA	-	-	TME	TME	GWB	P-01	-	-	-	-	GWB	P-01	-
029	Not Placed	205C	TR	EXP	AST	RB-01	4"	GWB	P-02 - P-03	GWB	P-02 - P-03	GWB	P-02 - P-03	GWB	P-02 - P-03	EXPOSED
029	Not Placed	203C	OFFICE	-	-	TME	TME	-	-	-	-	GWB	P-01	GWB	P-01	-
029	Not Placed	-	CORRIDOR	-	-	TME	TME	GWB	P-01	GWB	P-01	-	-	-	-	-
046	LEVEL 01	102	TRANSPO. OFFICE MGR.	-	-	TME	TME	GWB	P-01	GWB	P-01	GWB	P-01	-	-	-
046	LEVEL 01	103	TE	EXP	AST	RB-01	4"	GWB	P-02 - P-03	GWB	P-02 - P-03	GWB	P-02 - P-03	GWB	P-02 - P-03	EXPOSED
046	LEVEL 01	101	MISC	-	-	TME	TME	GWB	P-01	-	-	-	-	-	-	-
046	LEVEL 01	107	MECHANIC'S SHOP	-	-	TME	TME	-	-	-	-	GWB	P-01	GWB	P-01	-
096	LEVEL 01	1B-134B	TR	EXP	AST	RB-01	4"	GWB	P-02 - P-03	GWB	P-02 - P-03	-	P-02 - P-03	GWB	P-02 - P-03	EXPOSED
096	LEVEL 01	1B-137	NURSES STATION	-	-	TME	TME	-	-	-	-	-	-	GWB	P-01	-
096	LEVEL 01	1B-134	LOUNGE	-	-	TME	TME	-	-	GWB	P-01	GWB	P-01	-	-	-
096	LEVEL 02	2B-134	WAITING RM	-	-	TME	TME	-	-	GWB	P-01	GWB	P-01	-	-	-
096	LEVEL 02	2B-134B	TR	EXP	AST	RB-01	4"	GWB	P-02 - P-03	GWB	P-02 - P-03	-	P-02 - P-03	GWB	P-02 - P-03	EXPOSED
096	LEVEL 02	-	NURSES STATION	-	-	TME	TME	-	-	-	-	-	-	GWB	P-01	-

ROOM FINISH SCHEDULE ABBREVIATIONS	
AST	ANTI-STATIC COATING
EXP	EXPOSED
GWB	GYPSUM WALL BOARD
RB-01	RUBBER BASE
TME	TO MATCH EXISTING
EXT	EXTERIOR
	PAINT CODES
P-01	MATCH EXISTING
P-02	SW7005 PURE WHITE
P-03	FIRE RATED PLYWOOD (PAINTED WHITE)



1 WALL TYPES

1" = 1'-0"

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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KENT, WA 98032

STAMP

1/22/2026

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ROOM FINISH SCHEDULE

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: KG / EM

Drawn: PQ

Project Number: 671A4-21-700

Building Number:

Drawing Number: A-601

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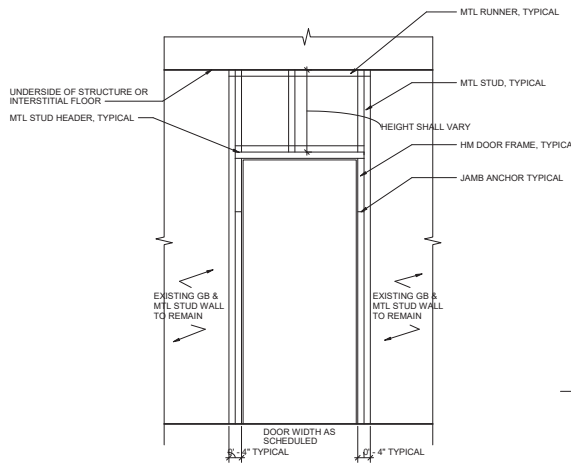
DOOR SCHEDULE

BUILDING NUMBER	LEVEL	DOOR NUMBER	DOOR SIZE			DOOR TYPE	HW	DOOR		DOOR FRAME		FIRE RATING	COMMENTS
			HEIGHT	WIDTH	THK.			MAT	FINISH	MAT	FINISH		
001	LEVEL 01	1C1A	8' - 0"	3' - 0"	0' - 1 3/4"	2A	SH-3	HM	PAINT	HM	PAINT		
002	LEVEL 01	109	8' - 0"	3' - 0"	0' - 1 3/4"	2A	SH-3	HM	PAINT	HM	PAINT		
011	LEVEL 00	0A	8' - 0"	3' - 0"	0' - 1 3/4"	2A	SH-3	HM	PAINT	HM	PAINT		
011	LEVEL 01	101A	8' - 0"	3' - 0"	0' - 1 3/4"	2A	SH-3	HM	PAINT	HM	PAINT		
011	LEVEL 03	388	8' - 0"	3' - 0"	0' - 1 3/4"	2A	SH-3	HM	PAINT	HM	PAINT		
011	LEVEL 04	457	8' - 0"	3' - 0"	0' - 1 3/4"	2A	SH-3	HM	PAINT	HM	PAINT		
011	LEVEL 05	580	8' - 0"	3' - 0"	0' - 1 3/4"	2A	SH-3	HM	PAINT	HM	PAINT		
011	LEVEL 06	601B	8' - 0"	3' - 0"	0' - 1 3/4"	2A	SH-3	HM	PAINT	HM	PAINT		
011	LEVEL 07	706	8' - 0"	3' - 0"	0' - 1 3/4"	2A	SH-3	HM	PAINT	HM	PAINT		
011 (DATA CENTER)	LEVEL 00	019a	8' - 0"	5' - 0"	0' - 1 3/4"	4A	SH-9	HM	PAINT	HM	PAINT	45 MIN	
011 (DATA CENTER)	LEVEL 00	019b	8' - 0"	4' - 0"	0' - 1 3/4"	1A	5D	HM	PAINT	HM	PAINT	45 MIN	
011 (DATA CENTER)	LEVEL 00	019c	8' - 0"	4' - 0"	0' - 1 3/4"	1A	5D	HM	PAINT	HM	PAINT	45 MIN	
011 (DATA CENTER)	LEVEL 00	019d	7' - 0"	3' - 0"	0' - 1 3/4"	1A	3E	WOOD	PAINT	HM	PAINT	45 MIN	
018	LEVEL 01	111A	8' - 0"	3' - 0"	0' - 1 3/4"	2A	SH-3	HM	PAINT	HM	PAINT		
096	LEVEL 01	1B-134B	8' - 0"	3' - 0"	0' - 1 3/4"	2A	SH-3	HM	PAINT	HM	PAINT		
096	LEVEL 02	2B-134B	8' - 0"	3' - 0"	0' - 1 3/4"	2A	SH-3	HM	PAINT	HM	PAINT		

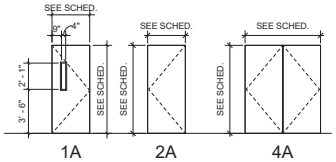
GENERAL NOTES

1. SEE SPECIFICATION SECTION 08 71 00 - DOOR HARDWARE FOR HW SETS.
2. CONTRACTOR TO VERIFY DOOR SIZE AND WALL THICKNESS PRIOR TO ORDERING DOORS AND FRAMES. ALL DOOR FRAMES ARE TO HAVE A POSITIVE RELIEF TO EXISTING WALLS.

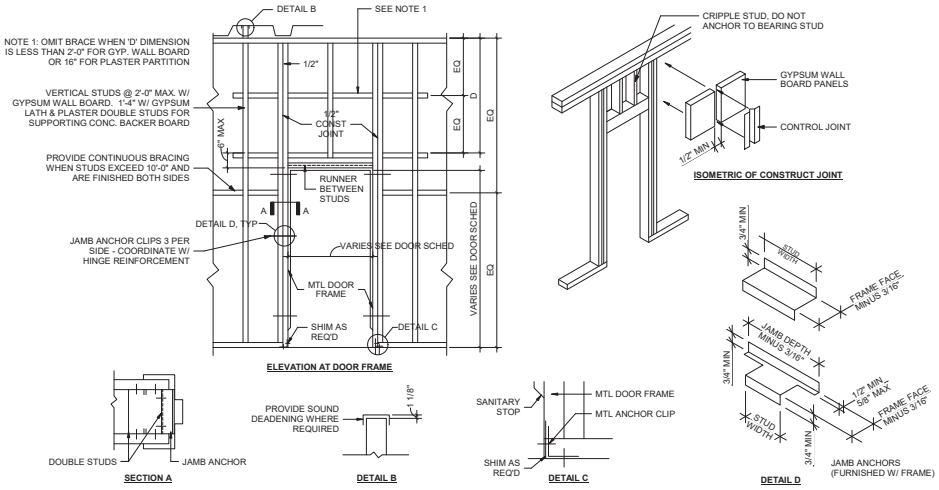


5 DOOR FRAME - DETAIL
3/4" = 1'-0"

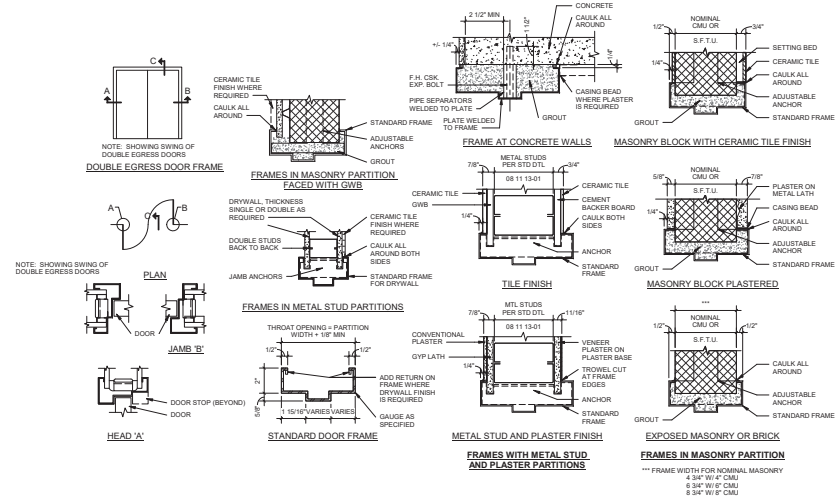
DOOR HEIGHTS AND WIDTHS PER SCHEDULE



3 DOOR TYPE
1/4" = 1'-0"



1 PARTITION FRAMING AT DOORS
3/4" = 1'-0"



2 DOOR FRAME DETAILS
3" = 1'-0"

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
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ARCHITECT/ ENGINEER OF RECORD
A/E:
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KENT, WA 98032
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Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
DOOR SCHEDULE, TYPES & DETAILS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number
		Issue Date: 11/21/2025; Checked: KG / EM; Drawn: PQ	Drawing Number: A-602

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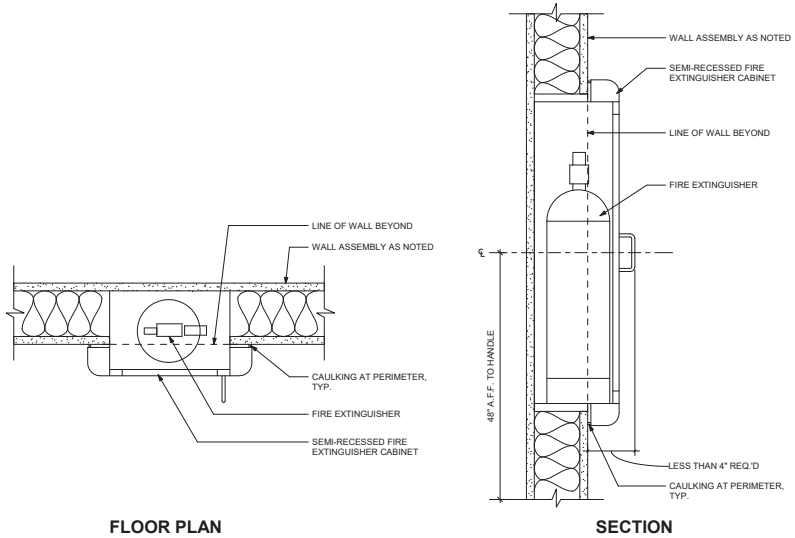
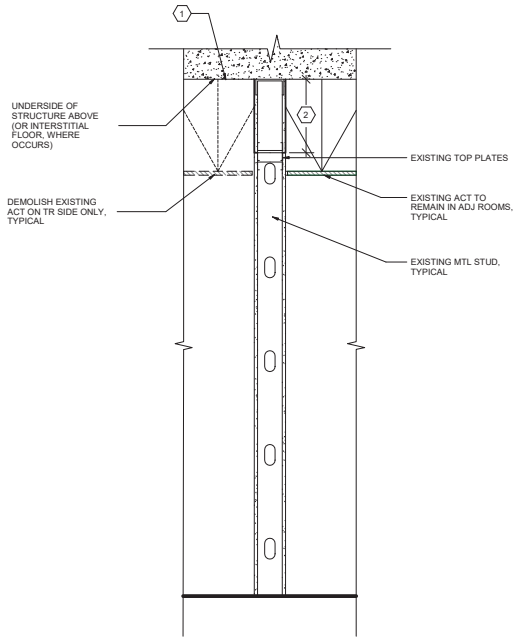
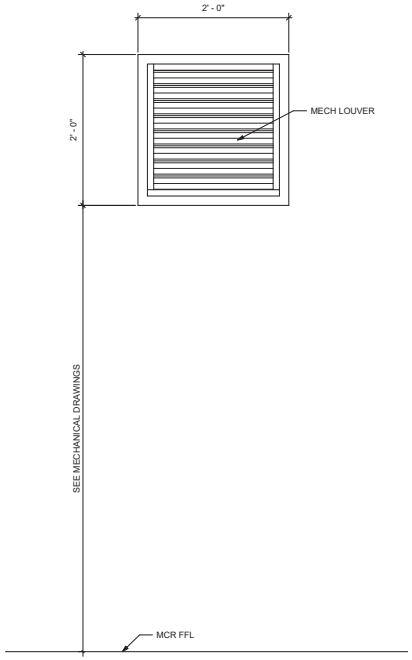


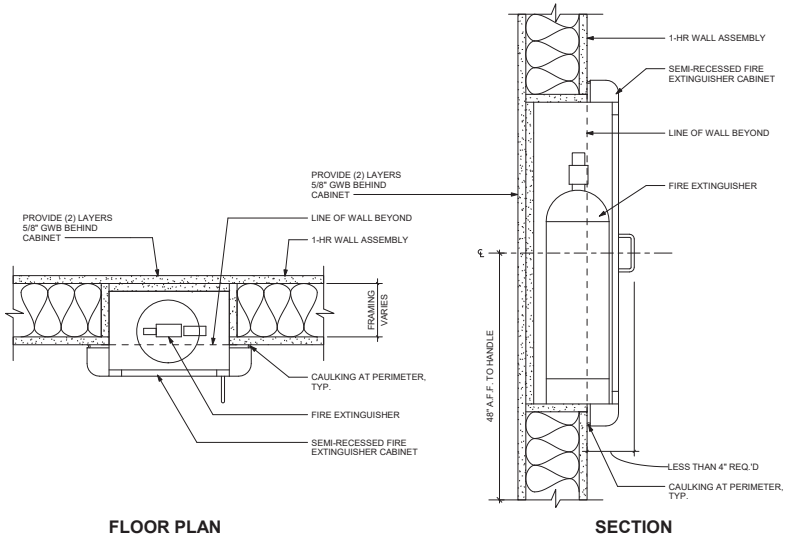
3 SEMI-RECESSED FEC (UNRATED WALL)
3" = 1'-0"



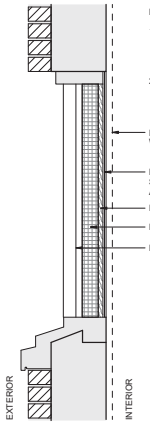
2 PARTIAL HEIGHT WALL/CEILING
NTS



6 MECHANICAL LOUVER
1 1/2" = 1'-0"



5 SEMI-RECESSED FEC (1-HR WALL)
3" = 1'-0"



NOTE:

1. PERFORMANCE OF THE SELECTED SYSTEM MUST BE DEMONSTRATED WITH GLAZING HAZARD CALCULATIONS OR BLAST TEST DATA, WHICH MUST BE OF SIMILAR SIZED GLASS PANELS AND BLAST LOAD INTENSITY, IN ACCORDANCE WITH ASTM F1642.
2. SEAL ANY GAPS AROUND THE WINDOW AND FRAME. WINDOW SHALL BE RENDERED INOPERABLE PRIOR TO INSTALLING FRAMING AND GYP.

FIRE TREATED PLYWOOD BACKING FOR EQUIPMENT WHERE CALLED OUT ON ENLARGED FLOOR PLANS.

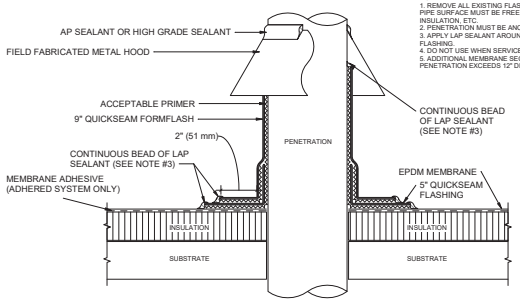
NO. 9 3/4-INCH 10-GAUGE FLATTENED EXPANDED STEEL SECURITY MESH. MECHANICALLY ANCHORED TO WINDOW FRAME.

FRT PLYWOOD PER DETAIL 3/AE421. PAINTED WHITE.

RIGID INSULATION.

NEW SPANDREL WINDOW.

1 WINDOW SECURITY - DETAILS
1 1/2" = 1'-0"



NOTE:
1. REMOVE ALL EXISTING FLASHING, LEAD, ETC. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
2. PENETRATION MUST BE ANCHORED TO ENSURE STABILITY.
3. APPLY LAP SEALANT AROUND ENTIRE PERIMETER OF FLASHING.
4. DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 180 f (82C).
5. ADDITIONAL MEMBRANE SECUREMENT REQUIREMENT WHEN PENETRATION EXCEEDS 12" DIAMETER.

4 EPDM ROOF - PENETRATION DETAIL
NTS

GENERAL NOTES

1. SEE MECH SHEETS FOR COORDINATION ON ROOF PATCHES.

KEYNOTES

1. CONTRACTOR HAS OPTION TO PATCH HOLES & TAPE JOINTS ON UNDERSIDE OF EXISTING GYPSUM PANELS @ UNDERSIDE OF INTERSTITIAL FLOOR OR ADD NEW LAYER OF 1/2" GYPSUM BOARD THAT IS TAPED & FINISHED.
2. INSTALL GYP BOARD EACH SIDE OF EXISTING MTL STUDS FROM EDGE OF EXISTING GYP TO STRUCTURE ABOVE. APPLY FIRE TAPE ON EDGES, SEAMS AND HOLES OF GYP BOARD ON SURFACES NOT ON ABOVE SUSPENDED CEILING. PROVIDE LEVEL 4 FINISH WHERE WALL SURFACES ARE EXPOSED TO VIEW.

Revisions:	Date:

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Drawing Title	Phase	Project Title	Project Number
DETAILS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number
		Issue Date: 11/21/2025; Checked: KG / EM; Drawn: CO	Drawing Number: A-603

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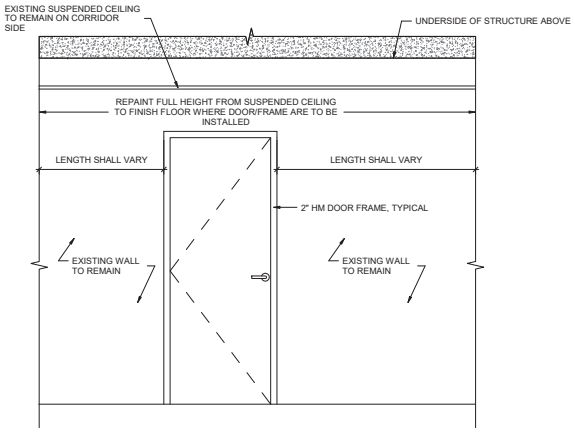
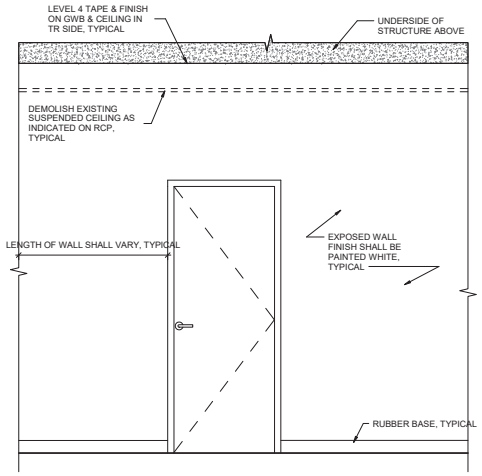
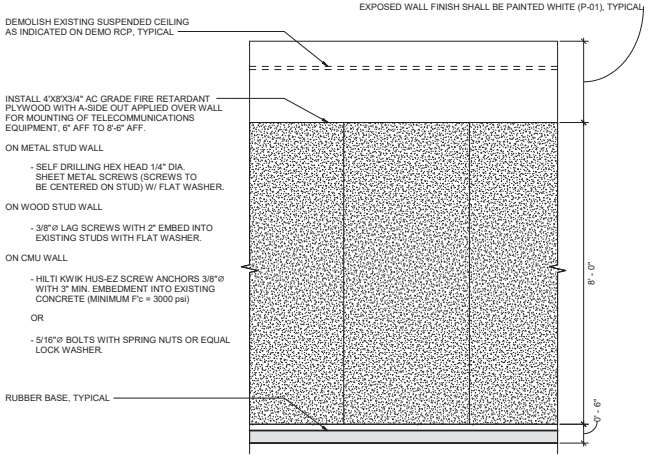


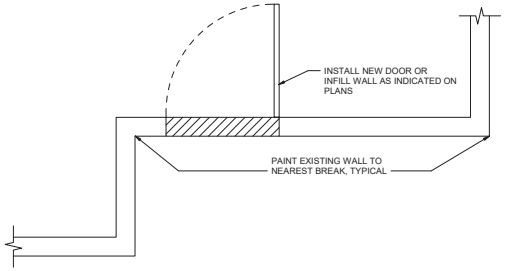
1 EXTERIOR TR ELEVATION - TYPICAL DOOR ELEVATION
3/4" = 1'-0"



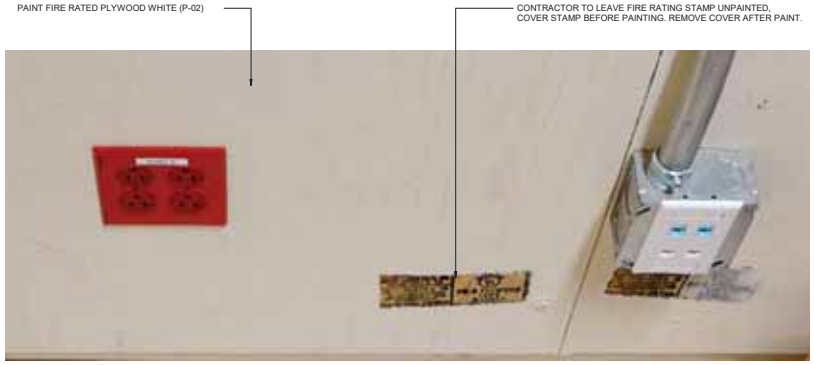
2 INTERIOR TR ENTRANCE - TYPICAL INTERIOR ELEVATION
3/4" = 1'-0"



3 INTERIOR ELEVATION - TYPICAL TR PLYWOOD
3/4" = 1'-0"



4 TYPICAL TR WALL - PLAN VIEW
3/4" = 1'-0"



5 FIRE STAMP UNPAINTED DETAIL
3/4" = 1'-0"

Revisions:	Date:

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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
INTERIOR ELEVATIONS & TR PLAN VIEW	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028	Building Number
		Issue Date: 11/21/2025; Checked: KG / EM; Drawn: CO	Drawing Number: AE421

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DRAWING NOTES SCHEDULE

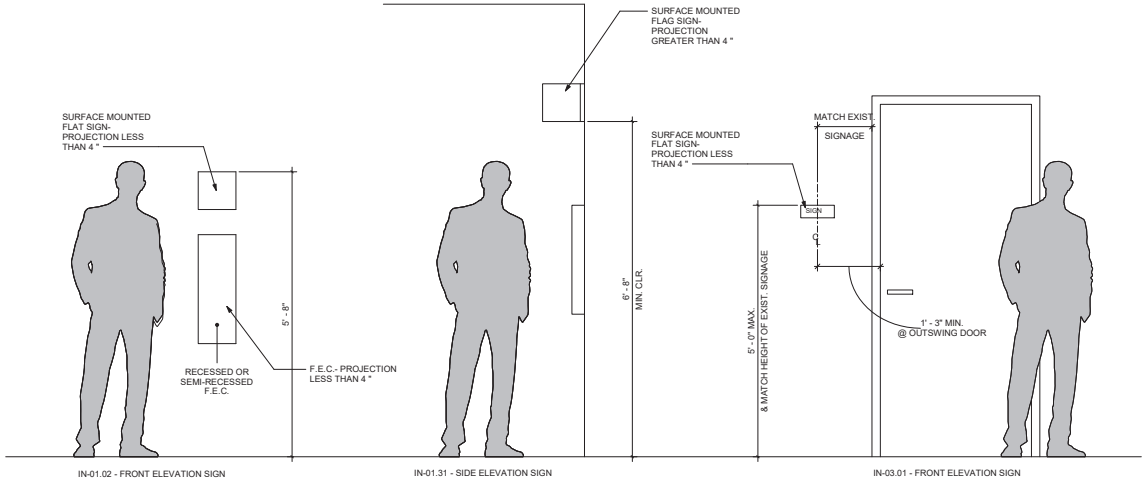
NOTE #	NOTE
I-1	ROOM NUMBER/HEADER PANEL: 1/4" THICK PAINT TO MATCH ACRYLIC PANEL (A01). PAINT TO MATCH SPECIFIED ZONE/SAFETY COOLOR. SAND FACES PRIOR TO PAINTING FOR SMOOTH FACES AND EASED EDGES. SEE MESSAGE LIST FOR COLOR INFORMATION. LAMINATE TO BACKER PANEL.
I-2	ROOM SIGN BACKER PANEL: 1/8" WHITE ACYLIC (A01) WITH SANDED EASED EDGES, WILL BE 1/4" SMALLER THAN SIGN FACES ON ALL SIGN FACES ON ALL SIDES. 1/4" FACE REVEAL BETWEEN ROOM NUMBER/HEADER PANEL. ATTACH TO WALL SURFACE WITH VHB AND ADHESIVE.
I-3	TACTILE COPY IS 3/32". ROWMARK TACTILE COPY (M1).
I-4	GRADE 2 BRAILLE BEADS (M2), PAINT TO MATCH BACKGROUND COLOR. WHITE ON WHITE ACRYLIC.

MATERIAL & FINISHES SCHEDULE

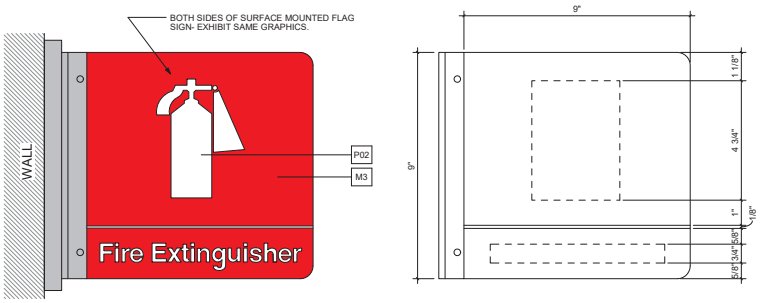
NUMBER	DESCRIPTION	MANUFACTURER/COLOR	NOTE
ACRYLIC			
A01	WHITE	P95 WHITE ACRYLIC	MATTE
MATERIAL			
M1	ROWMARK	P02	
M2	BRAILLE BEADS	GRADE 2 BEADS, CLEAR	
PAINT			
P01	MATCH EXISTING ADJACENT SIGNAGE COLOR; VERIFY WITH COR		
P02	WHITE	MATCH MATTHEWS PAINT MP32071, WHITE WONDER	USE WHITE WHEN BACKGROUND COLOR IS DARK
P03	BLACK	MATCH VALSPAR 324Q TEMPEST'S TEAPOT	USE BLACK WHEN BACKGROUND COLOR IS LIGHT

SIGNAGE MESSAGE SCHEDULE

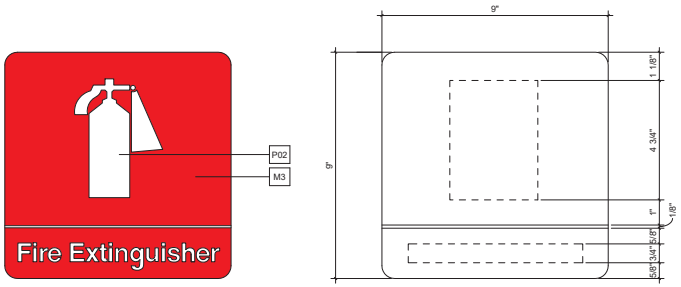
SIGN ID	BLDG NO.	ROOM NO.	NOTES
IN-03.01-1	001	1C1A	TR
REUSE EXISTING	002	109	TR
IN-03.01-2	011	0A	TR
IN-03.01-3		019a	DATA CENTER
IN-03.01-4		101A	TR
REUSE EXISTING		201A	TR
REUSE EXISTING		388	TR
REUSE EXISTING		457	TR
REUSE EXISTING		580	TR
REUSE EXISTING		601B	TR
REUSE EXISTING		702	TR
IN-03.01-5	018	111A	TE
IN-03.01-6	029	205C	TR
IN-03.01-7	046	103	TR
IN-03.01-8		102	OFFICE
IN-03.01-9			
IN-03.01-10	096	1B-134B	TR
IN-03.01-11		2B-134B	TR



3 ELEVATION LOCATIONS
1" = 1'-0"

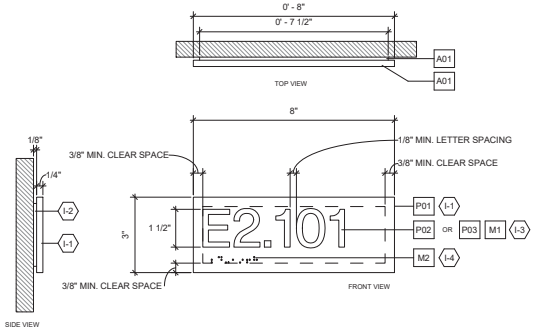


IN.01-31 - SIDE ELEVATION FLAG SIGN



IN.01-31 - FRONT ELEVATION FLAT SIGN

1 IN-01.31 - FIRE EXTINGUISHER IDENTIFICATION FLAG
6" = 1'-0"



2 IN-03.01 ROOM NUMBER SIGN - ELEVATIONS
6" = 1'-0"

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U.S. Department of Veterans Affairs

Drawing Title: IN-03.01 - ROOM NUMBER SIGN & SIGNAGE SCHEDULE
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD, KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: KG / EM
Drawn: PQ
Project Number: 671A4-21-700
Building Number:
Drawing Number: AW001
91 of 339

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FIRE PROTECTION DEMOLITION GENERAL NOTES

1. REFER TO ALL DRAWINGS FOR COORDINATION BETWEEN DEMOLITION AND NEW WORK. COORDINATE DEMOLITION WORK WITH THAT OF OTHER TRADES.
2. COORDINATE SALVAGE AND REUSE OF EXISTING EQUIPMENT WITH OWNER. ITEMS OF VALUE WHICH ARE NOT DIRECTED TO BE RETURNED TO THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR. STORAGE OR SALE OF ITEMS ON THE PROJECT SITE IS PROHIBITED. REF: SALVAGE RECYCLING FORM.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING:
   A) PROTECTING, COVERING, AND SEALING EXISTING EQUIPMENT AND SURROUNDINGS DURING DEMOLITION FROM DIRT, DUST, AND DEBRIS.
   B) ENSURING THE SAFE PASSAGE OF PERSONS IN AND AROUND THE BUILDING DURING DEMOLITION.
   C) PREVENTING INJURY TO PERSONS AND DAMAGE TO PROPERTY.
   D) PROVIDING ADEQUATE SHORING AND BRACING TO PREVENT COLLAPSE.
   E) REPAIRING DAMAGED PROPERTY TO ITS ORIGINAL CONDITION IMMEDIATELY AFTER THE DAMAGE OCCURS.
   F) TAKING EFFECTIVE MEASURES TO PREVENT DUST MIGRATION.
4. MAINTAIN ALL UTILITIES EXCEPT THOSE REQUIRING REMOVAL OR RELOCATION. KEEP UTILITIES IN SERVICE AND PROTECT FROM DAMAGE. DO NOT INTERRUPT UTILITIES SERVING AREAS OUTSIDE OF PRESENT SCOPE WITHOUT FIRST OBTAINING PERMISSION FROM OWNER. PROVIDE TEMPORARY SERVICES AS REQUIRED.
5. REMOVE AND DISPOSE OF EXISTING FIRE PROTECTION EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECTURAL PLANS, AREAS OF DEMOLITION AROUND, ADJACENT, OR CONNECTED TO EXISTING MECHANICAL EQUIPMENT THAT IS TO REMAIN.

FIRE PROTECTION GENERAL NOTES

1. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
2. CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. IN CASES OF CONFLICT BETWEEN MANUFACTURER REQUIREMENTS, DRAWINGS, OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
3. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
4. CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
5. IF FLOOR OR RATED WALL PENETRATIONS CANNOT BE FIRE STOPPED AT THE END OF THE WORK SHIFT, TEMPORARY FIRESTOPPING COMPOSED OF MINERAL WOOL SHALL BE INSTALLED IN THE PENETRATION TO PROVIDE PROTECTION AGAINST FIRE/SMOKE SPREAD THROUGH THE UNSEALED PENETRATION.
6. ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, CONTROLS, ETC. ACCESS PANELS SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE ARCHITECTURAL SPECIFICATIONS. COORDINATE LOCATION WITH FIRE PROTECTION INSTALLATION AND DEMONSTRATE ACCESS TO EQUIPMENT SERVED.
7. ROOMS THAT DO NOT HAVE CEILINGS (EXPOSED TO STRUCTURE) SHALL HAVE THE BRANCH PIPING MODIFIED TO TURN THE SPRINKLER HEAD UPRIGHT. PROVIDE SPRINKLER PROTECTION CAGE. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
8. ROOMS WITH FINISHED CEILINGS SHALL HAVE SPRINKLER LOCATIONS ADJUSTED AS NEEDED FOR APPROPRIATE COVERAGE PER LATEST EDITION OF NFPA 13.
9. TELECOM ROOMS ARE CONSIDERED LIGHT HAZARD FOR SPRINKLER HEAD DENSITY. ANY OTHER HAZARD CLASSIFICATION AND SPRINKLER DENSITY ARE TO BE IN ACCORDANCE WITH THE LATEST VERSIONS OF NFPA 13 AND VA FIRE PROTECTION DESIGN GUIDE.
10. MAIN COMPUTER ROOM IS CONSIDERED ORDINARY HAZARD GROUP 1 HAZARD CLASSIFICATION FOR SPRINKLER HEAD DENSITY. ANY OTHER HAZARD CLASSIFICATION AND SPRINKLER DENSITY ARE TO BE IN ACCORDANCE WITH THE LATEST VERSIONS OF NFPA 13 AND VA FIRE PROTECTION DESIGN GUIDE.
11. MODIFY EXISTING SPRINKLER SYSTEM WITHIN THE LIMITS OF CONTRUCTION TO COMPLY WITH NFPA 13. PROVIDE TEMPORARY UPRIGHT SPRINKLER HEADS TO PROTECT SPACES WHERE CEILINGS ARE REMOVED FOR CONSTRUCTION UNTIL THE NEW CEILING IS INSTALLED AND NEW DROPS TO NEW PENDENT SPRINKLERS ARE INSTALLED. TEMPORARY SPRINKLERS ARE NOT REQUIRED IF NEW OR EXISTING CEILING IS IN PLACE AT THE END OF THE WORK SHIFT. PROVIDE TEMPORARY SPRINKLERS AS REQUIRED TO PROVIDE CONTINUOUS COVERAGE OF ALL AREAS WITH CONSTRUCTION OF CONSTRUCTION BARRIER WALLS.
12. NFPA STANDARDS: FIRE-SUPPRESSION-SYSTEM, SPECIALTIES, ACCESSORIES, INSTALLATION, AND TESTING SHALL COMPLY WITH THE LATEST EDITION OF NFPA 13 "INSTALLATION OF SPRINKLER SYSTEMS."
13. CONTRACTOR SHALL HAVE NICET III/IV TECHNICIAN DESIGN DRAWINGS OR A LICENSED FIRE PROTECTION ENGINEER STAMP ON ALL SHOP DRAWING.
14. NEW FIRE PROTECTION PIPING SHALL BE PAINTED PER VA SPECIFICATIONS.
15. SEE MECHANICAL DRAWINGS FOR TELECOM ROOM FIRE PROTECTION WORK.
16. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT, AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
17. TELECOMMUNICATION SPACES INCLUDING MAIN COMPUTER AND ENTRY ROOMS SHALL HAVE FIRE MARSHAL APPROVED, UPRIGHT, STANDARD RESPONSE SPRINKLERS WITH FUSIBLE LINKS. PROVIDE LISTED MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED. ALL SPACES OTHER THAN DATA CENTER AND TELECOM ROOMS SHALL HAVE QUICK RESPONSE SPRINKLERS.
18. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.
19. SPRINKLER LOCATIONS ARE SCHEMATIC IN NATURE ONLY. CONTRACTOR IS RESPONSIBLE FOR FINAL LOCATIONS OF ALL SPRINKLERS AND HEAD COUNT TO PROVIDE A FULLY FINISHED SPRINKLER SYSTEM IN COMPLIANCE WITH NFPA 13.

FIRE PROTECTION GENERAL NOTES (CONT'D)

19. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING NEW WATER SUPPLY FLOW TESTS IN ACCORANCE WITH THE REQUIREMENTS OF NFPA 13 AND NFPA 291, PRIOR TO SUBMITTING FIRE SPRINKLER SHOP DRAWINGS.
20. PER NFPA 13, PROVIDE AN AUTOMATIC AIR VENT AND ISOLATION CONTROL VALVE AT A HIGH POINT OF EACH WET PIPE SYSTEM. IF THE AUTOMATIC AIR VENT INCORPORATES A DISCHARGE OUTLET, THE DISCHARGE SHALL BE PIPED TO A SAFE DISCHARGE LOCATION.
21. ALL SPRINKLER BRANCH LINES SHALL BE RESTRAINED AGAINST EXCESSIVE MOVEMENT PER NFPA 13.
22. CONTRACTOR SHALL TAKE INTO ACCOUNT THE CONFIGURATION OF EACH AREA BEING PROTECTED AND SHALL LAYOUT THE SPRINKLER LOCATIONS TO BE SYMMETRICALLY SPACED TO THE GREATEST EXTENT POSSIBLE.
23. FIRE PROTECTION SPRINKLER SYSTEM PIPING SHALL BE INSTALLED TO MINIMIZE PIPING OFFSETS IN ROOMS OF EXPOSED STRUCTURE. PIPING SHALL BE INSTALLED AS TIGHT TO STRUCTURE AS POSSIBLE AND SHALL BE INSTALLED TO MINIMIZE VISUAL IMPACTS.
24. NFPA 70 REQUIRES A DEDICATED SPACE OF 6'-0" ABOVE ALL ELECTRICAL PANELS, TRANSFORMERS, SWITCHGEARS, ETC. NO PIPING, DUCTS, OR OTHER EQUIPMENT FOREIGN TO THE ELECTRICAL INSTALLATION SHALL BE LOCATED IN THIS ZONE. ALL SPRINKLER PIPING THAT IS NOT COORDINATED TO AVOID THESE AREAS SHALL BE MODIFIED AND RELOCATED AT THE FIRE PROTECTION SPRINKLER CONTRACTOR'S EXPENSE.
25. ALL SPRINKLER SYSTEM COMPONENTS, DEVICES, AND MATERIALS INSTALLED AS PART OF THIS PROJECT SHALL BE NEW.
26. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL ELEVATION AND HORIZONTAL ADJUSTMENTS IN THE PIPING REQUIRED TO FOLLOW THE BUILDING'S STRUCTURE, CEILING HEIGHTS, AND ARCHITECHTURAL FEATURES. THE CONTRACT DOCUMENTS ARE CONEPTUAL IN NATURE AND SHOW A PROPOSED FIRE SPRINKLER MAIN PIPE ROUTING, AND ROUTING IN EXPOSED AREAS, BUT DO NOT INCLUDE ALL REQUIRED FITTINGS OR OFFSETS THAT ALLOW THE PIPING TO BE INSTALLED AS IT IS SHOWN ON THE CONTRACT DOCUMENTS.
27. WHERE TELECOM ROOM PIPING DRIP PANS EXCEED 4' IN WIDTH, PROVIDE AN ADDITIONAL SPRINKLER BELOW THE DRIP PAN IN COMPLIANCE WITH NFPA 13 REQUIREMENTS.
28. CLEAN AGENT SYSTEM DESIGN SHALL COMPLY WITH NFPA 2001.
29. DATA CENTER FIRE PROTECTION DESIGN SHALL COMPLY WITH NFPA 75.

PIPING SYSTEMS

—FP-D—	FIRE PROTECTION, DRY
—FP-G—	FIRE PROTECTION, GASEOUS
—FP-W—	FIRE PROTECTION, WET

PIPING SYMBOLS

- CONTINUATION
- DROP IN PIPE
- ELBOW
- TEE
- UNION
- TOP CONNECTION
- BOTTOM CONNECTION
- TOP CONNECTION, 45(DEG) OR 90° (DEG)
- BOTTOM CONNECTION, 45(DEG) OR 90° (DEG)
- PIPE UP
- PIPE DOWN
- VALVE (AS INDICATED OR SPECIFIED)
- CHECK VALVE
- BACKFLOW PREVENTER
- ZCV — ZONE CONTROL VALVE

ADDITIONAL SYMBOLS

- 2 / PL4 — DETAIL NUMBER; DRAWING NUMBER WHERE DRAWN
- A / PL7 — SECTION LETTER; DRAWING NUMBER WHERE SHOWN
- 26-P 3 — BUILDING NO. WHERE EQUIPMENT IS LOCATED; EQUIPMENT ABBREVIATION (PUMP); PUMP NO. 3 IN BUILDING NO. 26; TYPICAL UNIT NO.
- POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
- LIMIT OF DEMOLITION
- 1 HR FIRE RATED WALL
- 2 HR FIRE RATED WALL
- SMOKE RATED WALL
- SMOKE & 1 HR FIRE RATED WALL

FIRE PROTECTION SYMBOLS

- PENDENT SPRINKLER
- UPRIGHT SPRINKLER WITH GUARD

ABBREVIATIONS

A/E:	ARCHITECT/ENGINEER
AFF:	ABOVE FINISH FLOOR
AI:	ANALOG INPUT
AO:	ANALOG OUTPUT
BACNET:	BUILDING AUTOMATION AND CONTROL NETWORK
BAS:	BUILDING AUTOMATION SYSTEM
BFP:	REDUCED PRESSURE BACKFLOW PREVENTER
BHP:	BRAKE HORSEPOWER
CV:	CONTROL VALVE
DDC:	DIRECT DIGITAL CONTROL
E:	EXISTING
ECC:	ENGINEERING CONTROL CENTER (AKA BAS)
F:	FAHRENHEIT
FDC:	FIRE DEPARTMENT (HOSE) CONNECTION
FS:	FLOW SWITCH
GAL:	GALLON
GPD:	GALLONS PER DAY
GPH:	GALLONS PER HOUR
GPM:	GALLONS PER MINUTE
HP:	HORSEPOWER
HZ:	HERTZ
ID:	INSIDE DIAMETER
KW:	KILOWATT
KWH:	KILOWATT HOUR
LB:	POUND
MAX:	MAXIMUM
MIN:	MINIMUM
NC:	NORMALLY CLOSED
NO:	NORMALLY OPEN
NOM:	NOMINAL
NTS:	NOT TO SCALE
OD:	OUTSIDE DIAMETER
OR:	OPERATING ROOM
PD:	PRESSURE DROP OR DIFFERENCE
PG:	PRESSURE GAUGE
PLC:	PROGRAMMABLE LOGIC CONTROLLERS
PPB:	PARTS PER BILLION
PPM:	PARTS PER MILLION
PRV:	PRESSURE REDUCING VALVE
PSI:	POUNDS PER SQUARE INCH
PSIA:	POUNDS PER SQUARE INCH - ABSOLUTE
PSIG:	POUNDS PER SQUARE INCH - GAUGE
RPM:	REVOLUTIONS PER MINUTE
SF:	SUPPLY FAN
SQFT:	SQUARE FEET
TDH:	TOTAL DYNAMIC HEAD
TYP:	TYPICAL
V:	VOLT
VA:	VETERANS ADMINISTRATION
VAMC:	VETERANS ADMINISTRATION MEDICAL CENTER
VA TIL:	WWW.CFM.VA.GOV/TIL/INDEX.ASP
VHA:	VETERANS HEALTH ADMINISTRATION
VSD:	VARIABLE SPEED DRIVE

Revisions:	Date:

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CRAIG G. HUBBARD — STATE OF WASHINGTON — 39485 — PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: FIRE PROTECTION GENERAL NOTES, ABBREVIATION AND LEGENDS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH;JW
Drawn: KGC/RQ8C
Project Number: 671A4-21-700
Building Number:
Drawing Number: F-001
92 of 339

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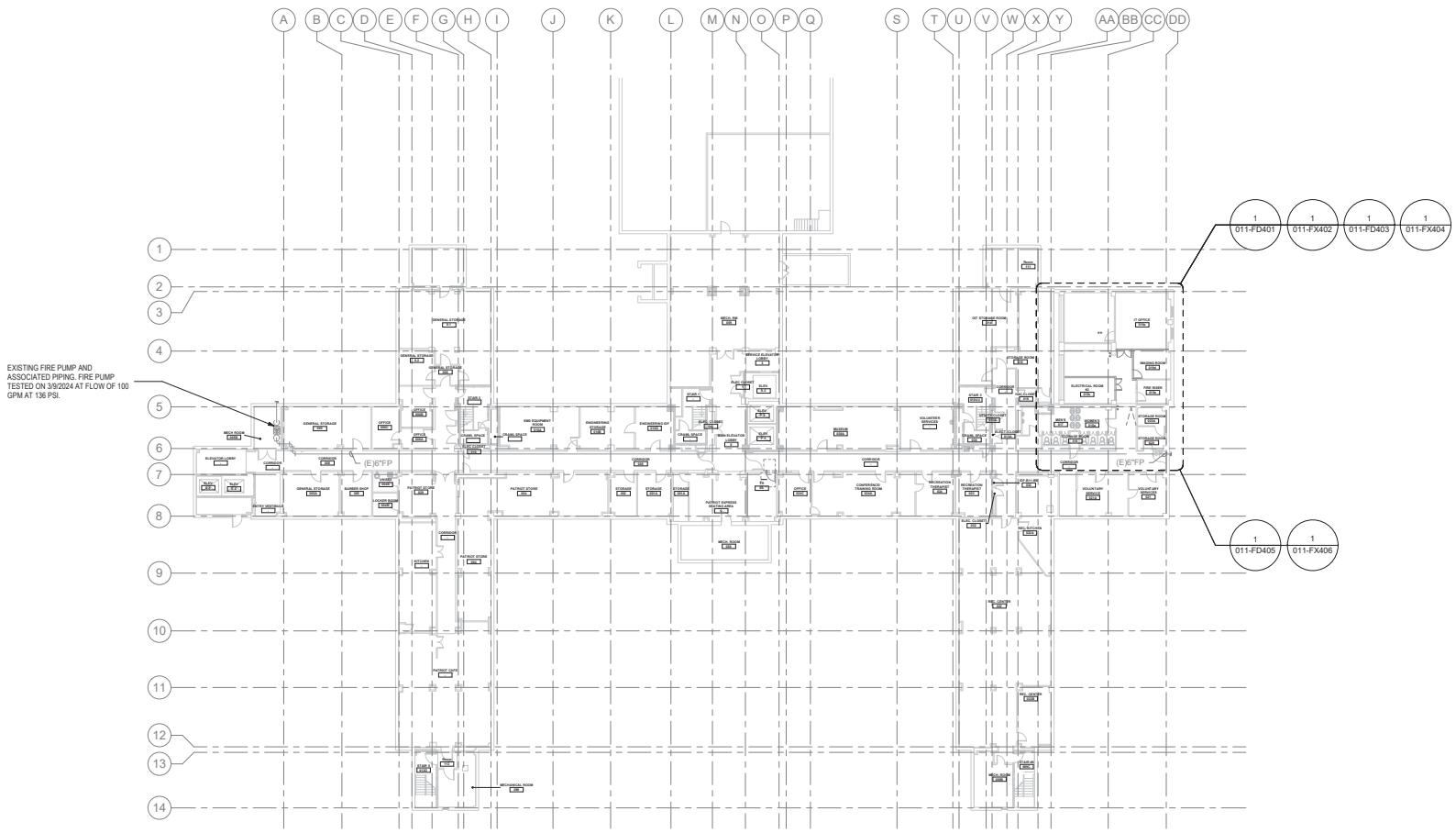
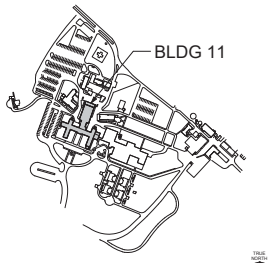


1 LEVEL 00 - FIRE PROTECTION OVERALL PLAN
1/16" = 1'-0"

GENERAL NOTES

N/A

SITE PLAN



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VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 00 - OVERALL PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/BC
Project Number: 671A4-21-700
Building Number: 011
Drawing Number: 011-F-101

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Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_ME_SDB.rvt

FIRE PROTECTION NOTES

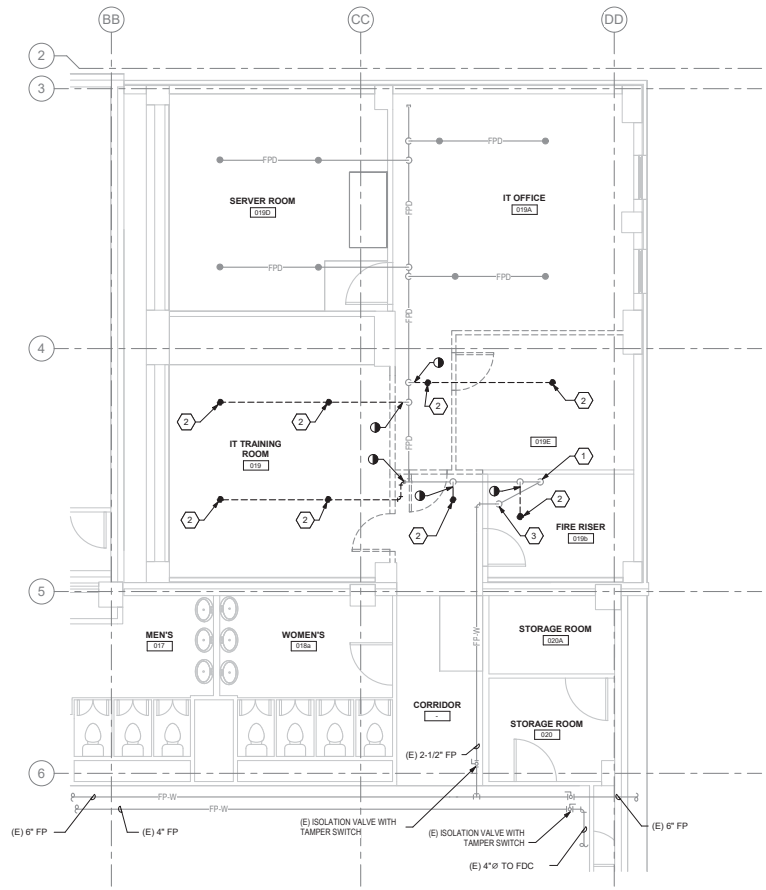
1. FOR THE PURPOSES OF CLARITY AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.

DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

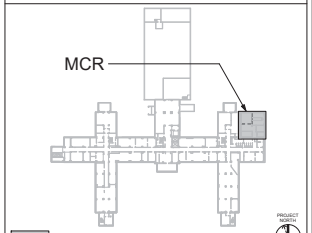
KEYNOTES

1. EXISTING DRY PIPE FIRE PROTECTION SYSTEM INCLUDING VALVES AND AIR COMPRESSOR COMPONENTS AND PIPING ROUTED UP IN CEILING TO REMAIN UNTIL LIST PHASE 3.
2. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER AND ASSOCIATED PIPING AND CAP AT MAIN.
3. EXISTING FIRE PROTECTION PIPE DOWN TO ROOM AND ROUTED TO DRY FIRE RISER SYSTEM TO REMAIN.



1 MAIN COMPUTER ROOM - PHASE 01 - DEMOLITION FIRE PROTECTION FLOOR PLAN
1/4" = 1'-0"

KEY PLAN



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VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 01 - DEMOLITION FIRE PROTECTION FLOOR PLAN
Approved:

Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC

Project Number: 671A4-21-700
Building Number: 011
Drawing Number: 011-FD401

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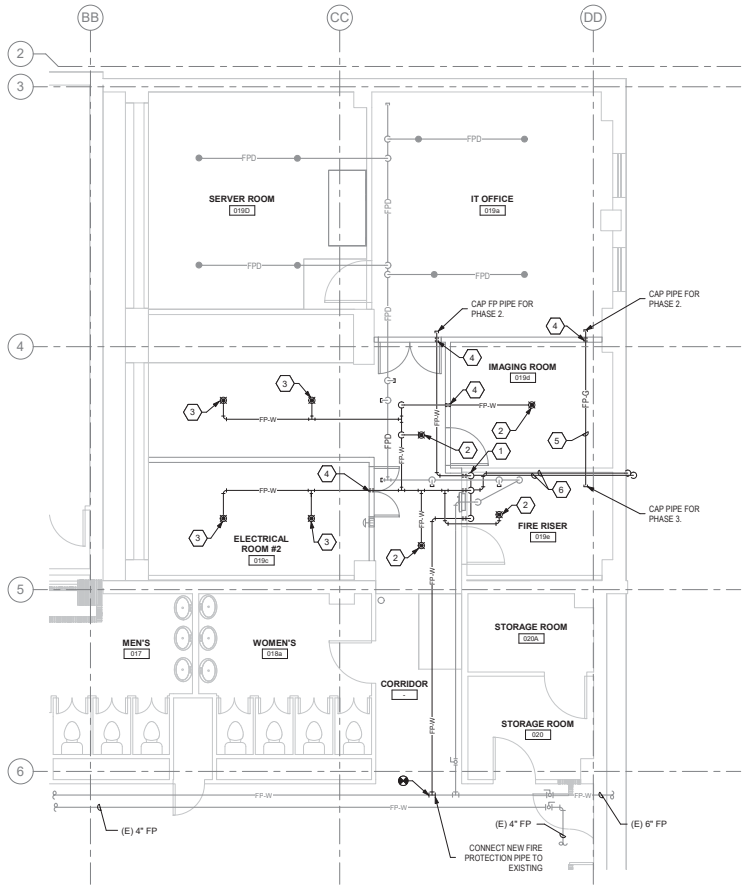
FIRE PROTECTION NOTES

1. ALL PIPING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
4. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
5. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
6. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
7. MAIN COMPUTER ROOMS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

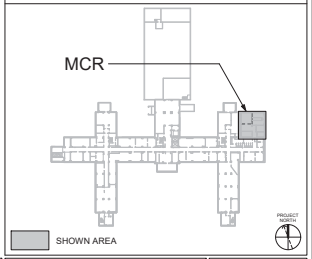
KEYNOTES

1. TWO SEPERATE NEW SUPERVISED CONTROL VALVE SETS. PROVIDE WITH TAMPER AND FLOW SWITCH ALARMS TIED INTO THE FIRE ALARM CONTROL PANEL. VALVE AND PIPING MAIN SHALL BE SIZED TO SERVE RENOVATED MCR. SEE FIRE HEADER DETAIL SHEET M-502.
2. SPRINKLER HAZARD CLASSIFICATION IS LIGHT HAZARD. PROVIDE FM APPROVED GLASS-BULB QUICK RESPONSE SPRINKLERS. SPRINKLER SYSTEM TO BE WET PIPE SYSTEM DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13. PROVIDE WORKING DRAWINGS PREPARED BY A NICET LEVEL III OR IV SPRINKLER DESIGNER.
3. SPRINKLER SYSTEM TO BE WET PIPE SYSTEM DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13. PROVIDE WORKING DRAWINGS PREPARED BY A NICET LEVEL III OR IV SPRINKLER DESIGNER. SPRINKLER HAZARD CLASSIFICATION IS ORDINARY HAZARD GROUP 1. PROVIDE FM APPROVED UPRIGHT, STANDARD RESPONSE SPRINKLERS WITH FUSIBLE LINKS. PROVIDE LISTED MECHANICAL GUARDS.
4. PROVIDE WALL OPENING AND PIPE SLEEVE. SEE "PIPE THRU WALL (RATED/UNRATED) DETAIL" ON SHEET M-501.
5. INSTALL A SECTION OF CLEAN AGENT FIRE SUPPRESSION SYSTEM PIPING TO BE CONNECTED IN PHASES 2 AND 3.
6. ROUTE SEPERATE DRAINS FROM EACH CONTROL VALVE SET TO EXTERIOR. TERMINATE DRAIN PIPING WITH A DOWNTURNED ELBOW 12" ABOVE FINISHED GRADE.



1 MAIN COMPUTER ROOM - PHASE 01 - FIRE PROTECTION FLOOR PLAN
1/4" = 1'-0"

KEY PLAN



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CRAIG G. HUBBARD
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PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 01 - FIRE PROTECTION FLOOR PLAN
Approved:

Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC

Project Number: 671A4-21-700
Building Number: 011
Drawing Number: 011-FX402

VA FORM 08 - 6231
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FIRE PROTECTION NOTES

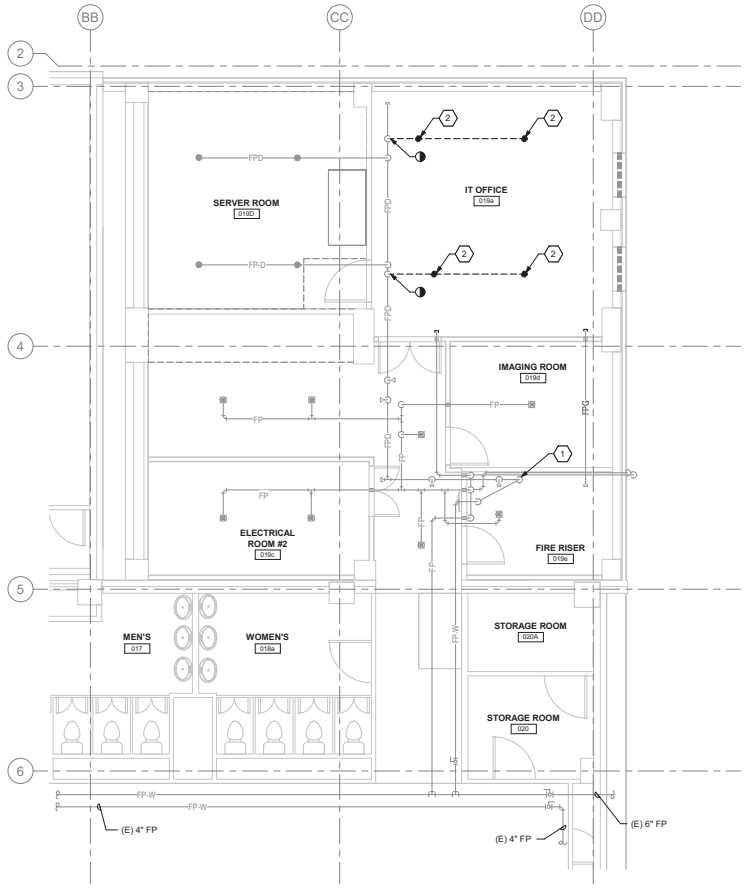
1. FOR THE PURPOSES OF CLARITY AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.

DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

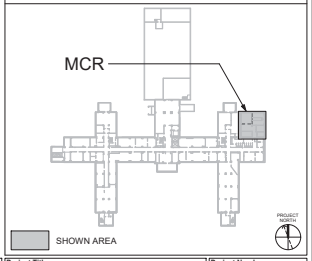
KEYNOTES

1. EXISTING DRY PIPE FIRE PROTECTION SYSTEM INCLUDING VALVES AND AIR COMPRESSOR COMPONENTS AND PIPING ROUTED UP IN CEILING TO REMAIN UNTIL LIST PHASE 3.
2. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER AND ASSOCIATED PIPING AND CAP AT MAIN.



1 MAIN COMPUTER ROOM - PHASE 02 - DEMOLITION FIRE PROTECTION FLOOR PLAN
1/4" = 1'-0"

KEY PLAN



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Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 02 - DEMOLITION FIRE PROTECTION FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Issue Date: 11/21/2025

Checked: MGH/JW

Drawn: KGC/YRQ/EC

Project Number: 671A4-21-700

Building Number: 011

Drawing Number: 011-FD403

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1 11/19/2025 10:48:55 AM

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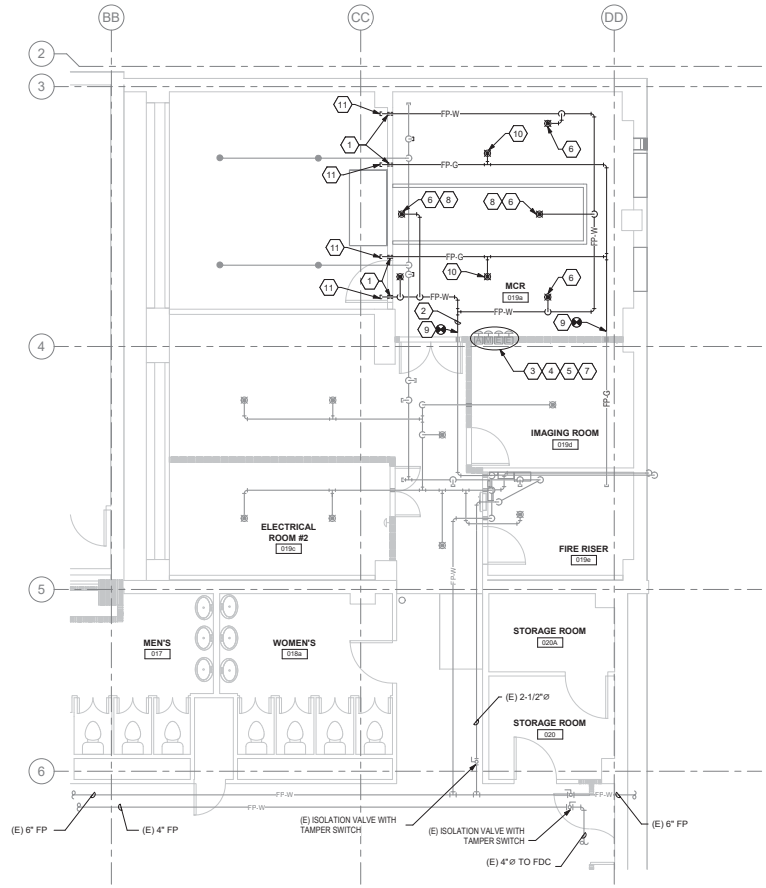
EHRM/VATX_11_ME_SDB.rvt

FIRE PROTECTION NOTES

1. ALL PIPING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
4. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
5. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
6. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
7. MAIN COMPUTER ROOMS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

KEYNOTES

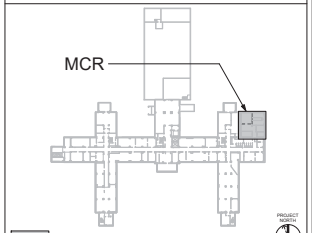
1. PROVIDE WALL OPENING AND PIPE SLEEVE. SEE "PIPE THRU WALL (RATED/UNRATED) DETAIL" ON SHEET M-501.
2. FURNISH AND INSTALL WET SPRINKLER PIPE PER SPECIFICATION 23 13 13. SPRINKLER PIPE SIZES SHALL BE AS PER THE LATEST EDITION OF NFPA 13.
3. EMERGENCY PUSH BUTTON ABORT SWITCH FOR GASEOUS FIRE SUPPRESSION BY ELECTRICAL. SEE ELECTRICAL SHEETS FOR FURTHER DETAILS. SIGNAGE SHALL BE PER SPECIFICATION 21 22 00.
4. MANUAL PULL STATION FOR GASEOUS FIRE SUPPRESSION BY ELECTRICAL. SEE ELECTRICAL SHEETS FOR FURTHER DETAILS. SIGNAGE SHALL BE PER SPECIFICATION 21 22 00.
5. FURNISH AND INSTALL CLEAN AGENT SHUT OFF VALVE SYSTEM PER SPECIFICATION 21 22 00.
6. SPRINKLER SYSTEM TO BE WET PIPE SYSTEM DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13. PROVIDE WORKING DRAWINGS PREPARED BY A NICET LEVEL III OR IV SPRINKLER DESIGNER.
7. EMERGENCY PUSH BUTTON ABORT SWITCH FOR FOR HVAC SYSTEMS BY ELECTRICAL. SEE ELECTRICAL SHEETS FOR FURTHER DETAILS. SIGNAGE SHALL BE PER SPECIFICATION 21 22 00.
8. COORDINATE HEADS LAYOUT WITH SWINGING CENTER HINGED CEILING PANELS OF HOT AISLE CONTAINMENT ASSEMBLY.
9. REMOVE PREVIOUS PHASE CAP AND CONNECT NEW PIPING.
10. FURNISH AND INSTALL CLEAN AGENT FIRE SUPPRESSION SYSTEM PIPING AND NOZZLES PER SPECIFICATION 21 22 00. LOCATION AND QUANTITY OF DISPERSION NOZZLES AS REQUIRED. SYSTEM INSTALLATION TO BE COMPLETED IN PHASE 3. SEE DETAIL ON SHEET M-502.
11. CAP PIPE FOR PHASE 3



1 MAIN COMPUTER ROOM - PHASE - 02 - FIRE PROTECTION FLOOR PLAN
1/4" = 1'-0"

PROJECT NORTH

KEY PLAN



SHOWN AREA

Revisions:	Date:

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PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 02 - FIRE PROTECTION FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Project Number: 671A4-21-700

Building Number: 011

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Drawing Number: 011-FX404

Issue Date: 11/21/2025 | Checked: MGH/JW | Drawn: KGC/YRQ/EC

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FIRE PROTECTION NOTES

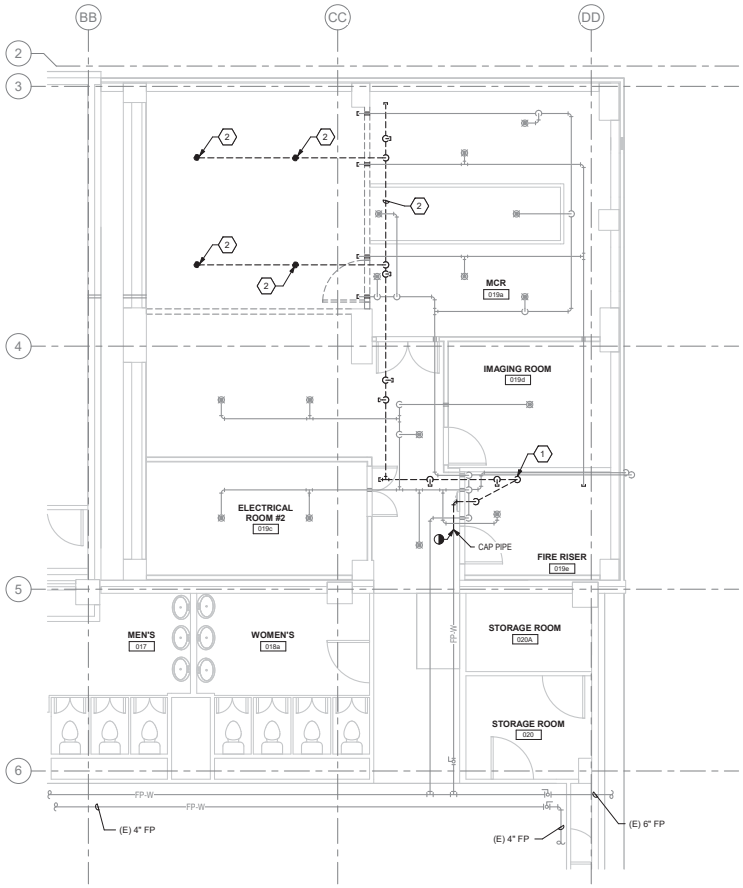
1. FOR THE PURPOSES OF CLARITY AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.

DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

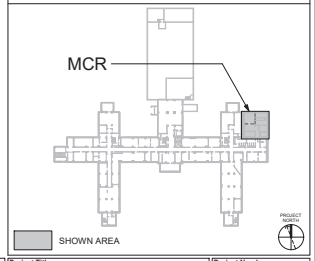
KEYNOTES

1. DEMOLISH AND REMOVE DRY PIPE FIRE PROTECTION SYSTEM INCLUDING VALVES AND AIR COMPRESSOR COMPONENTS AND PIPING MAINS.
2. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER AND PIPING.



1 MAIN COMPUTER ROOM - PHASE 03 - DEMOLITION FIRE PROTECTION FLOOR PLAN
1/4" = 1'-0"

KEY PLAN



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U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 03 - DEMOLITION FIRE PROTECTION FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Issue Date: 11/21/2025

Checked: MGH/JW

Drawn: KGC/YRQ/EC

Project Number: 671A4-21-700

Building Number: 011

Drawing Number: 011-FD405

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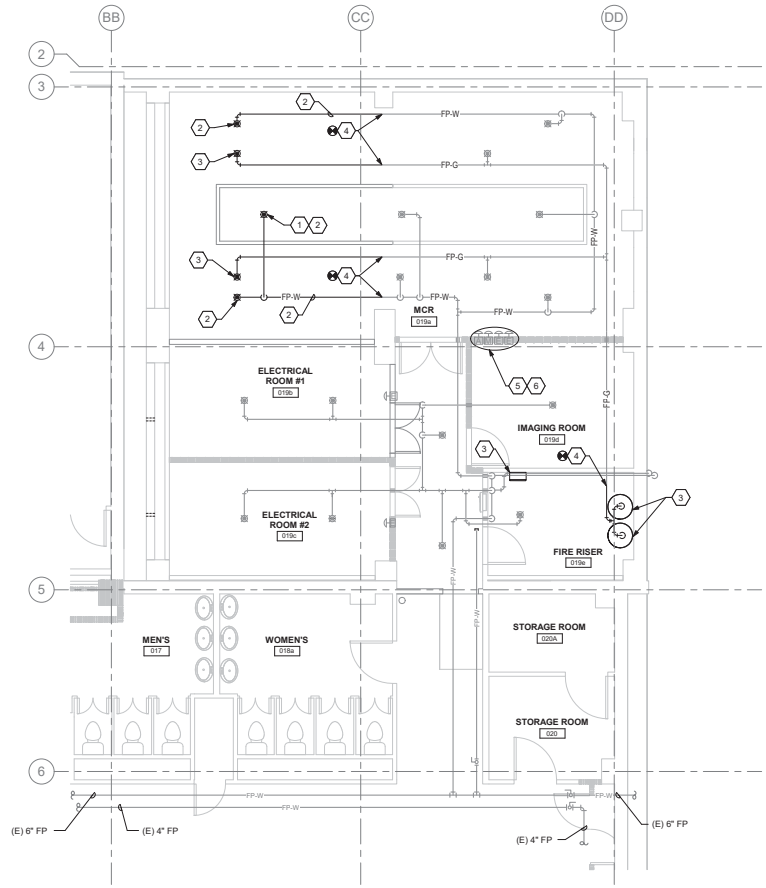
FIRE PROTECTION NOTES

1. ALL PIPING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
4. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
5. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
6. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
7. MAIN COMPUTER ROOMS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

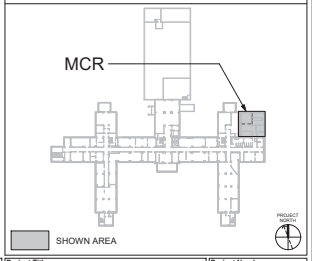
KEYNOTES

1. COORDINATE HEADS LAYOUT WITH SWINGING CENTER HINGED CEILING PANELS OF HOT AISLE CONTAINMENT ASSEMBLY.
2. SPRINKLER SYSTEM TO BE WET PIPE SYSTEM DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13. PROVIDE WORKING DRAWINGS PREPARED BY A NICET LEVEL III OR IV SPRINKLER DESIGNER.
3. FURNISH AND INSTALL CLEAN AGENT FIRE SUPPRESSION SYSTEM PER SPECIFICATION 21 22 00. LOCATION AND QUANTITY OF CANISTERS AND DISPERSION NOZZLES AS REQUIRED. CLEAN AGENT FIRE SUPPRESION SYSTEM SHALL BE A INTERLOCKED WITH THE DATA CENTER SMOKE DETECTORS. CLEAN AGENT SYSTEM SHALL BE SIZED FOR FINAL DATA CENTER SPACE REQUIREMENTS. SEE DETAIL ON SHEET M-502.
4. REMOVE PREVIOUS PHASE CAP AND CONNECT NEW PIPING.
5. EMERGENCY PUSH BUTTON ABORT SWITCH FOR GASEOUS FIRE SUPPRESSION BY ELECTRICAL. SEE ELECTRICAL SHEETS FOR FURTHER DETAILS. SIGNAGE SHALL BE PER SPECIFICATION 21 22 00.
6. MANUAL PULL STATION FOR GASEOUS FIRE SUPPRESSION BY ELECTRICAL. SEE ELECTRICAL SHEETS FOR FURTHER DETAILS. SIGNAGE SHALL BE PER SPECIFICATION 21 22 00.



1 MAIN COMPUTER ROOM - PHASE -03 - FIRE PROTECTION FLOOR PLAN
1/4" = 1'-0"

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
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PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 03 - FIRE PROTECTION FLOOR PLAN
Approved:

Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KG/CY/RQ/EC

Project Number: 671A4-21-700
Building Number: 011
Drawing Number: 011-FX406

VA FORM 08 - 6231
11/19/2025 10:48:58 AM
Autodesk Docs://671A4-21-700
VATX Kerrville
EHRM/VATX_11_ME_SDB.rvt

GENERAL NOTES

1. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
2. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE CODES, VA STANDARDS, AND SPECIFICATIONS.
3. CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. IN CASES OF CONFLICT BETWEEN MANUFACTURER REQUIREMENTS, DRAWINGS, OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
4. COORDINATE INSTALLATION OF EQUIPMENT AND MATERIALS WITH OTHER TRADES.
5. DO NOT ROUTE CONDENSATE PIPING OVER ELECTRICAL PANELS OR ELECTRONIC EQUIPMENT.
6. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
7. IF FLOOR OR RATED WALL PENETRATIONS CANNOT BE FIRE STOPPED AT THE END OF THE WORK SHIFT, TEMPORARY FIRESTOPPING COMPOSED OF MINERAL WOOL SHALL BE INSTALLED IN THE PENETRATION TO PROVIDE PROTECTION AGAINST FIRE/SMOKE SPREAD THROUGH THE UNSEALED PENETRATION.
8. INSTALL GRAVITY CONDENSATE DRAIN PIPING WITH A MINIMUM OF 1/8" PER LINEAR FOOT (1%) SLOPE.
9. ALL PIPING AND DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE, ABOVE HARD SUSPENDED CEILING, OR ABOVE AN ACOUSTICAL CEILING.
10. THE FIRST FIGURE OF DUCT SIZE INDICATES DIMENSION OF FACE SHOWN OR INDICATED. DUCT SIZES ARE NET INSIDE DIMENSIONS.
11. ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC. ACCESS PANELS SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE ARCHITECTURAL SPECIFICATIONS. COORDINATE LOCATION WITH MECHANICAL INSTALLATION AND DEMONSTRATE ACCESS TO EQUIPMENT SERVED.
12. EXTERNAL STATIC PRESSURE NOTED IN THE SCHEDULES INCLUDES DUCT SYSTEM, TERMINAL UNITS, FILTERS, COILS, ETC. LOSS FOR FILTERS SHALL BE FOR FILTERS AT 50% LOADING.
13. DIFFUSER, REGISTER, AND GRILLE SIZES SHOWN ON FLOOR PLANS ARE NECK SIZES.
14. WATER PIPE CONNECTIONS TO AIR HEATING AND COOLING COILS SHALL BE MADE TO PROVIDE COUNTER FLOW BETWEEN WATER AND AIR.
15. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING DIFFUSERS, REGISTERS, AND GRILLES.
16. CONTRACTOR SHALL INSTALL ALL REFRIGERANT PIPING IN ACCORDANCE WITH ASHRAE 15-2022 SECTION 9.13.1 THROUGH 9.13.7 AND EPA NEW REFRIGERANT REQUIREMENTS. THIS INCLUDES PIPE STRENGTH TESTING VIA APPROVED TEST GASES, VISUAL INSPECTIONS AND LEAKAGE TESTING. REFERENCE TABLE 9-13 FOR TEST PARAMETERS. CONTRACTOR DECLARATION SHALL BE PROVIDED TO VA FOR SYSTEMS INCLUDING 55 LBS OF REFRIGERANT OR MORE IN ACCORDANCE WITH 9.13.7.

DEMOLITION GENERAL NOTES

1. REFER TO ALL DRAWINGS FOR COORDINATION BETWEEN DEMOLITION AND NEW WORK. COORDINATE DEMOLITION WORK WITH THAT OF OTHER TRADES.
2. COORDINATE SALVAGE AND REUSE OF EXISTING EQUIPMENT WITH OWNER. ITEMS OF VALUE WHICH ARE NOT DIRECTED TO BE RETURNED TO THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR. STORAGE OR SALE OF ITEMS ON THE PROJECT SITE IS PROHIBITED. REF: SALVAGE RECYCLING FORM.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING:
   A) PROTECTING, COVERING AND SEALING EXISTING EQUIPMENT AND SURROUNDINGS DURING DEMOLITION FROM DIRT, DUST, AND DEBRIS.
   B) ENSURING THE SAFE PASSAGE OF PERSONS IN AND AROUND THE BUILDING DURING DEMOLITION.
   C) PREVENTING INJURY TO PERSONS AND DAMAGE TO PROPERTY.
   D) PROVIDING ADEQUATE SHORING AND BRACING TO PREVENT COLLAPSE.
   E) IMMEDIATELY REPAIRING DAMAGED PROPERTY TO ITS CONDITION BEFORE BEING DAMAGED.
   F) TAKING EFFECTIVE MEASURES TO PREVENT DUST MIGRATION.
4. UTILITIES: MAINTAIN ALL UTILITIES EXCEPT THOSE REQUIRING REMOVAL OR RELOCATION. KEEP UTILITIES IN SERVICE AND PROTECT FROM DAMAGE. DO NOT INTERRUPT UTILITIES SERVING AREAS OUTSIDE OF PRESENT SCOPE WITHOUT FIRST OBTAINING PERMISSION FROM OWNER. PROVIDE TEMPORARY SERVICES AS REQUIRED.
5. REMOVE AND DISPOSE OF EXISTING MECHANICAL EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECTURAL PLANS, AREAS OF DEMOLITION AROUND, ADJACENT, OR CONNECTED TO EXISTING MECHANICAL EQUIPMENT THAT IS TO REMAIN.

ABBREVIATIONS

AC	AIR CONDITIONING
A/E	ARCHITECT / ENGINEER
AFF	ABOVE FINISH FLOOR
AI	ANALOG INPUT
AO	ANALOG OUTPUT
ASHRAE	AMERICAN SOCIETY OF HEATING REFRIGERATION, AIR CONDITIONING ENGINEERS
BACNET	BUILDING AUTOMATION AND CONTROL NETWORK
BAS	BUILDING AUTOMATION SYSTEM
BFP	BACK FLOW PREVENTER
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNIT
BTU/H	BRITISH THERMAL UNIT PER HOUR
C	CELSIUS
CD	CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
CHR	CHILLED WATER RETURN
CHS	CHILLED WATER SUPPLY
CO	CLEANOUT
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CU	CONDENSING UNIT
CW	COLD WATER (POTABLE)
DB	DRY BULB
DDC	DIRECT DIGITAL CONTROL
ECC	ENGINEERING CONTROL CENTER (AKA BAS)
E	EXISTING
F	FAHRENHEIT
FCO	FLOOR CLEANOUT
FDC	FIRE DEPARTMENT (HOSE) CONNECTION
H/L	HIGH LEVEL
IV	ISOLATION VALVE
L/L	LOW LEVEL
MCR	MAIN COMPUTER ROOM
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NPS	NOMINAL PIPE SIZE
NTS	NOT TO SCALE
P	PUMP
PPM	PARTS PER MILLION
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH - ABSOLUTE
PSIG	POUNDS PER SQUARE INCH - GAGE
RG	RETURN GRILLE
RHC	REHEAT COIL
RL	REFRIGERANT LIQUID LINE
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION
SAT	SUPPLY AIR TEMPERATURE
SPD	SUPPLY PROCESS AND DISTRIBUTION
SPS	STATIC PRESSURE SENSOR
SQFT	SQUARE FOOT (FEET)
SW	SOFTWATER
TAB	TESTING, ADJUSTING, BALANCE
TF	TRANSFER FAN
TR	TELECOMMUNICATIONS ROOM
TU	TERMINAL UNIT
VD	VOLUME DAMPER
VRF	VARIABLE REFRIGERANT FLOW
VRV	VARIABLE REFRIGERANT VOLUME
WB	WET BULB
WC	WATER COLUMN
WCO	WALL CLEANOUT
WG	WATER GAUGE
WPD	WATER PRESSURE DROP

PIPING LEGEND

—— S-60 ——	HIGH PRESSURE STEAM (60 PSIG AND ABOVE)
---- CR-60 ----	HIGH PRESSURE STEAM CONDENSATE RETURN
—— S-30 ——	MEDIUM PRESSURE STEAM (16 PSIG THRU 59 PSIG)
---- CR-30 ----	MEDIUM PRESSURE STEAM CONDENSATE RETURN
—— S-15 ——	LOW PRESSURE STEAM (15 PSIG AND BELOW)
---- CR-15 ----	LOW PRESSURE STEAM CONDENSATE RETURN
—— PC ——	CONDENSATE PUMP DISCHARGE
—— HWS ——	HOT WATER HEATING SUPPLY
---- HWR ----	HOT WATER HEATING RETURN
—— GHS ——	GLYCOL-WATER HEATING SUPPLY
---- GHR ----	GLYCOL-WATER HEATING RETURN
—— RL/RS ——	REFRIGERANT LIQUID/SUCTION
—— RHG ——	REFRIGERANT HOT GAS
—— CWS ——	CONDENSER WATER SUPPLY
---- CWR ----	CONDENSER WATER RETURN
—— CHS ——	CHILLED WATER SUPPLY
---- CHR ----	CHILLED WATER RETURN
—— DCW ——	DOMESTIC COLD WATER
—— DHW ——	DOMESTIC HOT WATER
—— DHWR ——	DOMESTIC HOT WATER RETURN
—— GCS ——	CHILLED GLYCOL-WATER SUPPLY
---- GCR ----	CHILLED GLYCOL-WATER RETURN
—— D ——	CONDENSATE DRAIN
—— G ——	NATURAL GAS (1/2 PSI OR LESS)

ADDITIONAL SYMBOLS

- 2 / H4 — DETAIL NUMBER / DRAWING NUMBER WHERE DRAWN
- A / H7 — SECTION LETTER / DRAWING NUMBER WHERE SHOWN
- 26-SF-3 — BUILDING NO. WHERE EQUIPMENT IS LOCATED. / EQUIPMENT ABBREVIATION (SUPPLY FAN) / SUPPLY FAN NO. 3 IN BUILDING NO. 26 / TYPICAL UNIT NO.
- 26-TU-1-1 — BUILDING NO. WHERE EQUIPMENT IS LOCATED / ITEM (TERMINAL UNIT SHOWN) / ITEM NUMBER (TERMINAL UNIT NO. 1) / SERVED BY AIR HANDLER UNIT NO. 1
- POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
- LIMIT OF DEMOLITION

FLOOR PLAN CONTROL SYMBOLS

- (T) TEMPERATURE SENSOR OR THERMOSTAT
- (H) ROOM HUMIDISTAT
- (M) MOISTURE SENSOR
- (R) REFRIGERANT SENSOR

FIRE SPRINKLER SYMBOLS

- PENDENT SPRINKLER
- UPRIGHT SPRINKLER WITH GUARD

DUCTWORK SYMBOLS

SINGLE LINE | DOUBLE LINE

- ROUND DUCT UP
- ROUND DUCT DOWN
- SUPPLY DUCT UP
- SUPPLY DUCT DOWN
- STANDARD RADIUS ELBOW (R= W) SUPPLY/RETURN /EXHAUST (OR; R; F-W)
- TURNING VANES
- BULLHEAD SPLIT SUPPLY (OR)
- CEILING DUCT MTD. DIFF/GRILLE
- TAKEOFF TO DIFF/GRILLE
- HARD ELBOW
- CEILING DUCT MTD. DIFF/GRILLE
- ACOUSTICALLY LINED DUCT
- DUCTWORK OR EQUIPMENT TO BE REMOVED
- OPEN END DUCT W/ 1/4"x1/4" WMS
- FLEXIBLE DUCT

SINGLE LINE | DOUBLE LINE

- RETURN DUCT UP
- EXHAUST DUCT UP
- RETURN DUCT DOWN
- EXHAUST DUCT DOWN
- HORIZONTAL OFFSET SUPPLY/RETURN /EXHAUST
- RISE/DROP — RISE OR DROP SUPPLY/RETURN /EXHAUST — RISE UP / DROP DN
- 45°F TAP TAKE-OFF
- RECT. TAP — ROUND DUCT — ROUND TAP
- 90°F TAP TAKE-OFF — RECT TAP
- RECTANGULAR MAIN DUCT — ROUND TAKEOFF
- 90°F TAP TAKE-OFF — ROUND MAIN DUCT
- CONVERGE RETURN /EXHAUST
- SIDEWALL DUCT MTD. REG./GRILLE
- SUPPLY SIDEWALL LINEAR DIFFUSER (W/SHEET METAL PLENUM W/1" LINING & BRANCH CONN FOR EVERY 4' OF LENGTH) — VD
- SUPPLY CEILING LINEAR DIFFUSER (W/SHEET METAL PLENUM W/1" LINING & BRANCH CONN FOR EVERY 4' OF LENGTH) — VD — BOOT BY LD MF'R

ADDITIONAL DUCTWORK SYMBOLS

- FIRE DAMPER
- BD — BACKDRAFT DAMPER
- MOTORIZED DAMPER
- STANDARD 4-WAY BLOW SUPPLY DIFFUSER
- 3-WAY BLOW SUPPLY DIFFUSER
- OR — 2-WAY BLOW SUPPLY DIFFUSER
- 1-WAY BLOW SUPPLY DIFFUSER
- W"/H" — WIDTH AND HEIGHT IN INCHES FOR FLAT OVAL DUCT

HVAC SYMBOLS

- SUPPLY DIFFUSER
- RETURN REGISTER OR GRILLE
- EXHAUST REGISTER OR GRILLE
- SUPPLY DIFFUSER

AIR OUTLET CALLOUT

[SD] 18"x18" / 500 CFM

- 1 — AIR OUTLET TYPE
- 2 — NECK SIZE (IN)
- 3 — AIRFLOW (CFM)

GENERAL PIPING SYMBOLS

- DIRECTION OF PIPE PITCH (DOWN)
- DIRECTION OF FLOW
- ANCHOR
- REDUCER OR INCREASER
- ECCENTRIC REDUCER
- TOP CONNECTION. 45° OR 90°
- BOTTOM CONNECTION, 45° OR 90°
- SIDE CONNECTION
- CAPPED OUTLET
- RISE OR DROP IN PIPE
- UNION
- PIPE UP
- PIPE DOWN
- INVERTED BUCKET TRAP SET INCLUDING PIPING ACCESSORIES SEE DETAIL
- FLOAT & THERMOSTATIC TRAP SET INCLUDING PIPING ACCESSORIES SEE DETAIL
- THERMOSTATIC TRAP SET INCLUDING PIPING ACCESSORIES SEE DETAIL
- THERMOMETER
- PRESSURE GAUGE
- VENTURI FLOW METER
- REFRIGERANT SIGHT GLASS
- TEST PLUG (PRESSURE/TEMPERATURE)
- AUTOMATIC AIR VENT
- MANUAL AIR VENT
- QUICK-COUPLE HOSE CONNECTOR
- TOP TAKEOFF
- BOTTOM TAKEOFF
- PIPE BREAK
- BLIND FLANGE

VALVE SYMBOLS

- GATE VALVE - THREADED/FLANGED
- GLOBE VALVE - THREADED/FLANGED
- GATE VALVE WITH 3/4" HOSE ADAPTER
- CHECK VALVE
- WYE STRAINER (WITH BALL VALVE & HOSE CONNECTION)
- WYE STRAINER WITH VALVED DRAIN AND QUICK-COUPLE HOSE CONNECTOR
- FLEXIBLE CONNECTION
- ANGLE GLOBE VALVE
- BUTTERFLY VALVE
- BALL VALVE
- MODULATING CONTROL VALVE
- MODULATING CONTROL BUTTERFLY VALVE
- TWO POSITION CONTROL VALVE
- THREE-WAY MODULATING CONTROL VALVE
- THREE-WAY TWO POSITION CONTROL VALVE
- PRESSURE REGULATING VALVE
- PRESSURE SAFETY VALVE
- AUTOMATIC BALANCING CONTROL VALVE
- WATER BALANCE DEVICE
- CIRCUIT SETTER VALVE
- GATE VALVE WITH GLOBE-VALVED BYPASS
- PLUG VALVE
- CONTROL VALVE (CV) - FLOAT-OPERATED
- PRESSURE REDUCING VALVE (PRV)
- (W) WATER LEVEL CONTROLLER
- (M) FLOW METER

CONTROLS DIAGRAM SYMBOLS

- (T) ROOM THERMOSTAT/TRANSMITTER – WALL MOUNT
- (M) ROOM HUMIDISTAT (MOISTURE)/TRANSMITTER – WALL MOUNT
- (TT) TEMPERATURE TRANSMITTER
- (TT) TEMPERATURE TRANSMITTER, AVERAGING ELEMENT
- (MT) MOISTURE (HUMIDITY) TRANSMITTER
- (PT) PRESSURE TRANSMITTER
- (SPS) STATIC PRESSURE SENSOR
- (FT) FLOW TRANSMITTER
- (IT) CURRENT TRANSMITTER
- (CT) CONDUCTIVITY TRANSMITTER
- (SD) SMOKE DETECTOR
- (PDT) PRESSURE DIFFERENTIAL TRANSMITTER
- (PDS) PRESSURE DIFFERENTIAL SWITCH
- (HS) HAND SWITCH (HAND—OFF—AUTO SWITCH)
- (ZC) VALVE OR DAMPER POSITION CONTROLLER
- (KR) LOCAL RECORDING TIME CLOCK (RUNTIME)
- (TSL) TEMPERATURE SWITCH, LOW (FREEZESTAT)
- (SHT) TEMPERATURE SWITCH, HIGH (FREEZESTAT)
- (LC) LEVEL CONTROLLER
- (LT) LEVEL TRANSMITTER
- (PSH) PRESSURE SWITCH HIGH
- (PSL) PRESSURE SWITCH LOW
- (EPT) ELECTRONIC TO PNEUMATIC TRANSDUCER
- (AT CO2) CARBON DIOXIDE TRANSMITTER
- (AT CO) CARBON MONOXIDE TRANSMITTER
- (AT OC) OCCUPANCY SENSOR
- [LTCP] LOCAL TEMPERATURE CONTROL PANEL
- [HVAC] HVAC CONTROL PANEL
- [VSMC] VARIABLE SPEED MOTOR CONTROLLER INTEGRATE CONTROL POINT ON REMOTE GRAPHICS
- (ECC) WORKSTATION AT ENERGY CONTROL CENTER
- (TC) TEMPERATURE CONTROLLER. SEE SEQUENCE OF OPERATION
- (PC) PRESSURE CONTROLLER. SEE SEQUENCE OF OPERATION
- (SC) SPEED CONTROLLER. SEE SEQUENCE OF OPERATION
- (FC) FLOW CONTROLLER. SEE SEQUENCE OF OPERATION
- (FSH) FLOW SWITCH HIGH
- (FSL) FLOW SWITCH LOW
- (KC) TIME CLOCK CONTROLLING EQUIPMENT ON A SCHEDULE
- TEMPERATURE SENSING ELEMENT FOR TRANSMITTING TEMPERATURE TO EMCS (PROVIDE 12 INCHES [200mm] MINIMUM LENGTH IN DUCT WHEN SPACE PERMITS.)
- A — SENSOR WITH AVERAGING ELEMENT TO TRANSMIT TEMPERATURE TO EMCS
- M — MOTOR STARTER
- ELECTRIC OPERATED CONTROL DAMPER/OR VALVE

OUTDOOR DESIGN CONDITIONS

STATE	COUNTY	WMO STATION IDENTIFIER	ALTITUDE (FT)	CLIMATE ZONE	COOLING		WINTER
					TEMP DB (°F)	TEMP WB (°F)	TEMP DB (°F)
TEXAS	KERR	722537	1617	3B	98.6	70.5	24.4

INDOOR DESIGN CONDITIONS

ROOM TYPE	COOLING		HEATING	
	TEMP DB (°F)	REL HUM (%)	TEMP DB (°F)	REL HUM (%)
DATA CENTER	75	55	-	35
TELECOMMUNICATIONS ROOM (TR)	75	55	64	35
MAIN ELECTRICAL ROOM	86	-	40	-
OFFICE	75	60	70	30

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD

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STAMP: CHAEL G. HUBBARD — STATE OF WASHINGTON — 39485 — PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL LEGENDS

Phase: 100% CONSTRUCTION DOCUMENTS

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Project Number: 671A4-21-700

Building Number:

Approved:

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Issue Date: 11/21/2025 | Checked: MGH/JW | Drawn: KGC/RQ/EC

Drawing Number: M-002

101 of 339

VA FORM 08 - 6231

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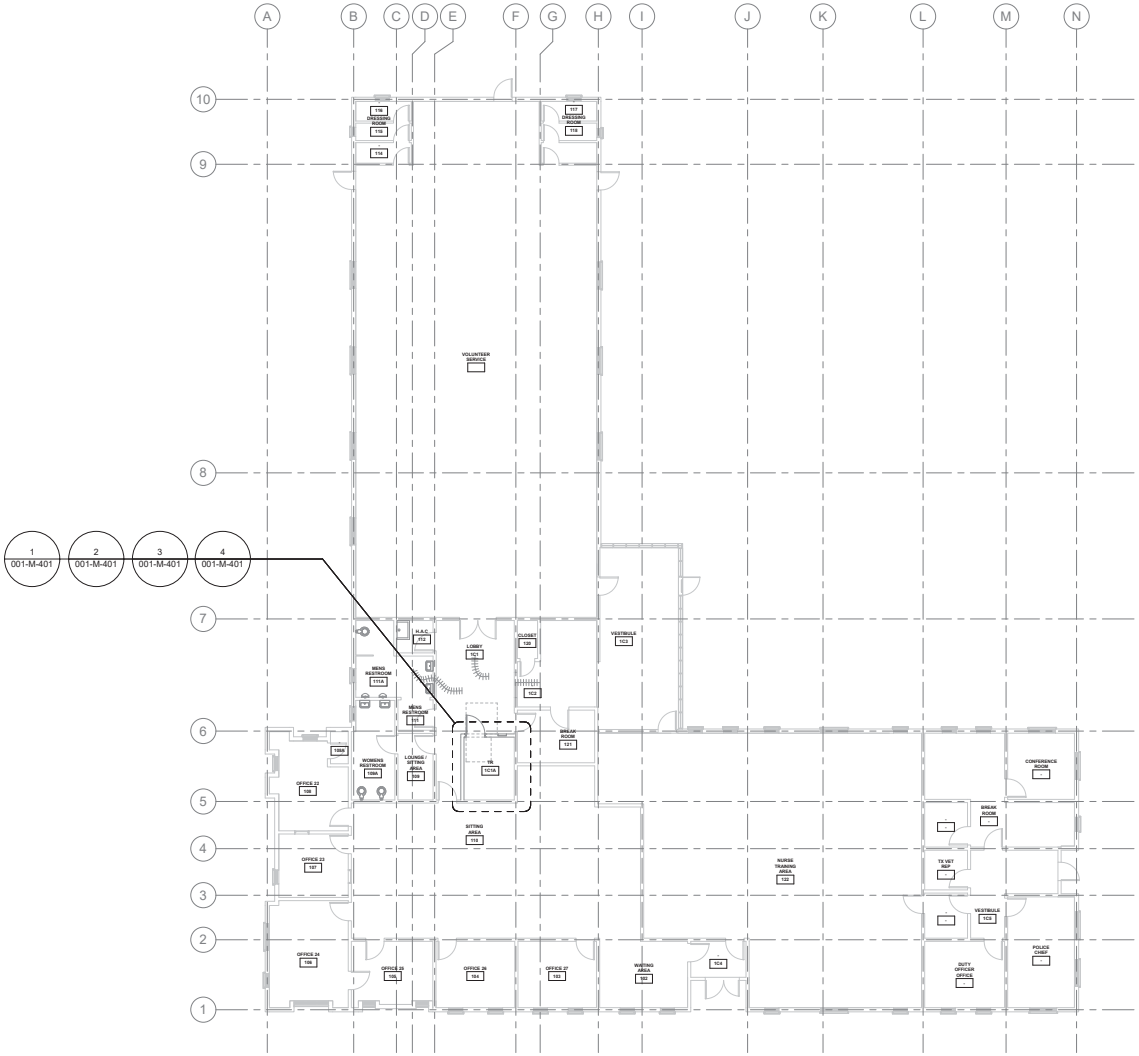


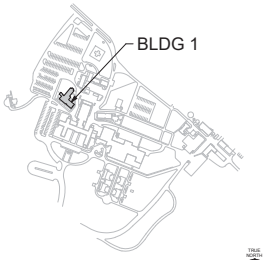
1 LEVEL 00 - OVERALL PLAN
1/8" = 1'-0"

PROJECT NORTH

GENERAL NOTES

N/A

SITE PLAN



SHOWN AREA

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BLDG - 001 - LVL - 01 - OVERALL PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	NON SPRINKLERED
Project Title	EHRM Infrastructure Upgrades - Kerrville (South Texas)
Project Number	671A4-21-700
Building Number	001
Location	Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Drawing Number	001-M-101
Issue Date	11/21/2025
Checked	MGH/JW
Drawn	KGC/YRQ/EC
	102 of 339

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VATX Kerrville
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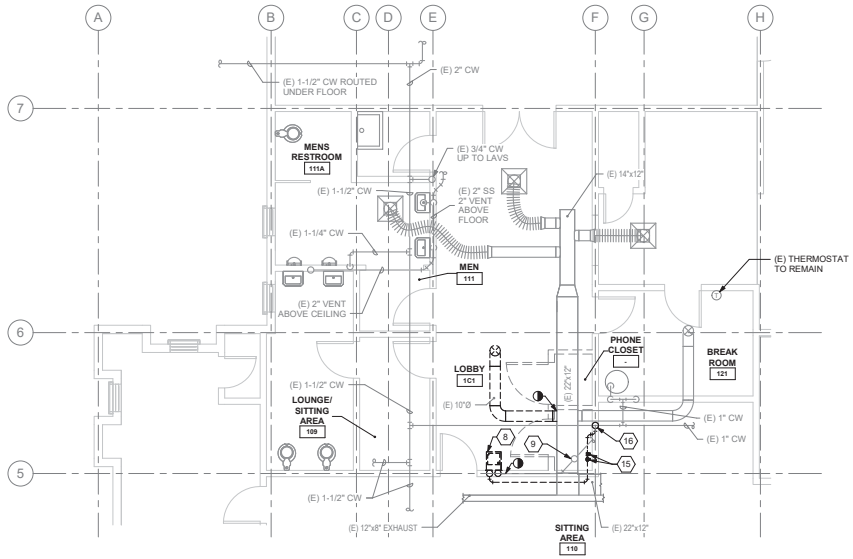

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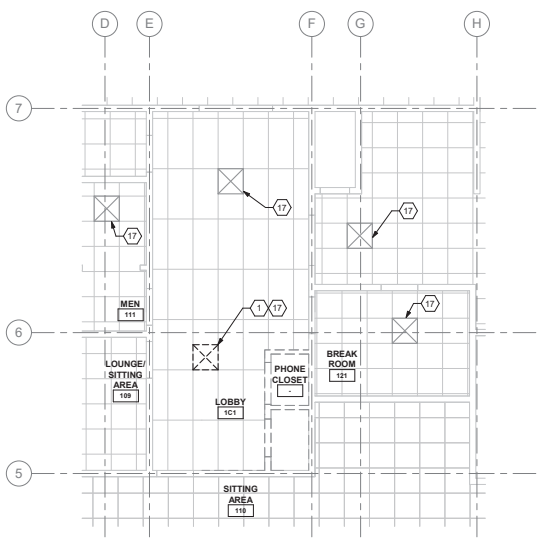
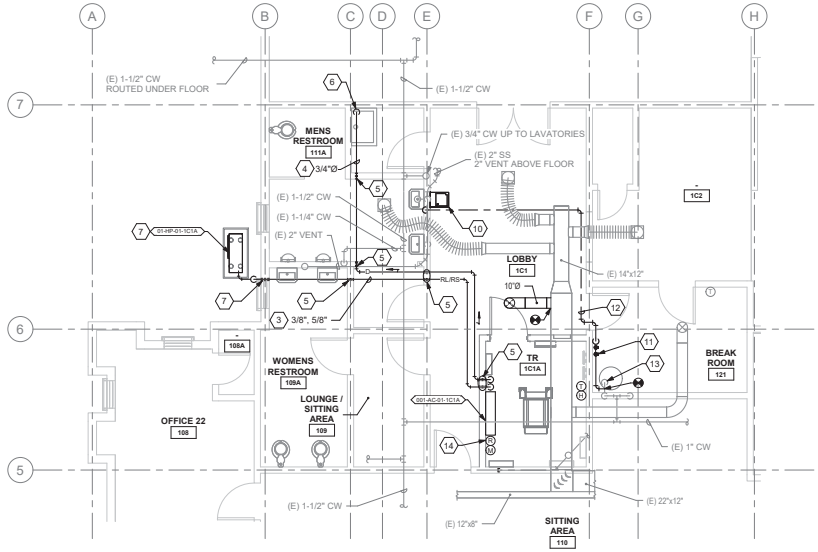
1/4" = 1'-0"



2 RM 1C1 - DEMOLITION RCP
1/4" = 1'-0"



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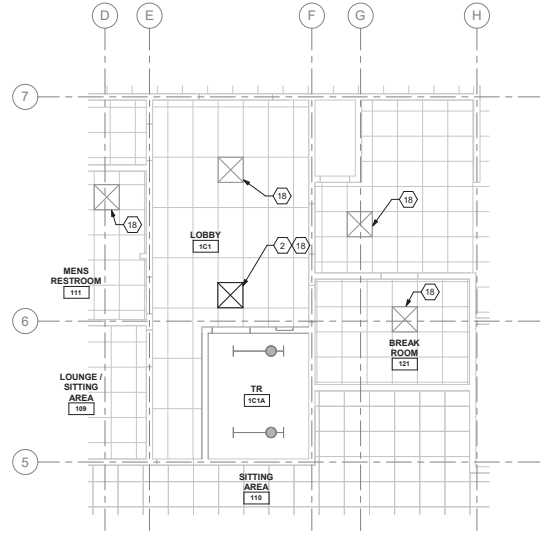
1/4" = 1'-0"



4 RM 1C1A - RCP
1/4" = 1'-0"

GENERAL NOTES

1. ALL PIPING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
3. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.
4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.

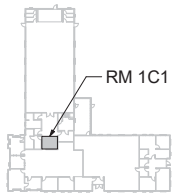
DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

KEYNOTES

1. REMOVE AND RETAIN EXISTING CEILING SUPPLY DIFFUSER FOR RELOCATION.
2. REINSTALL EXISTING CEILING SUPPLY DIFFUSER. BALANCE GRILLE TO PRE CONSTRUCTION AIRFLOW. INSTALL NEW DUCTWORK AND CONNECT TO EXISTING RELOCATED SUPPLY GRILLE.
3. INSTALL NEW REFRIGERANT LINES PER MANUFACTURER REQUIREMENTS (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION FOR ALL REFRIGERANT LINES PER SPECIFICATION SECTION 23 07 11. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. PIPE SIZES SHOWN ON PLANS ARE ONLY APPLICABLE TO BASIS OF DESIGN MANUFACTURER.
4. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11.
5. PROVIDE WALL OPENING AND PIPE SLEEVE. SEE "PIPE THRU WALL (RATED/UNRATED) DETAIL" ON SHEET M-501.
6. CONDENSATE TO BE INDIRECTLY DISCHARGED TO MOP SINK BASIN.
7. SEE "CONDENSING UNIT GROUND MOUNT SUPPORT DETAIL" ON SHEET M-501.
8. REMOVE AND RETAIN EXISTING DRINKING FOUNTAIN FOR RELOCATION. DEMOLISH ASSOCIATED SANITARY, VENT AND COLD WATER SUPPLY ROUTED IN WALL. CAP SANITARY AND VENT PIPING CONCEALED IN WALL.
9. EXPOSED CLEANOUT AND SANITARY LINE ABOVE FLOOR TO REMAIN.
10. RELOCATED DRINKING FOUNTAIN. TIE DRINKING FOUNTAIN 1-1/2" DRAIN TO WASTE LINE UNDRER FLOOR. TIE VENT PIPE INTO EXISTING SINK VENT LINE IN WALL.
11. RELOCATE EXISTING WALL MOUNTED WATER FILTERS.
12. ROUTE 1/2"CW TO RELOCATED DRINKING FOUNTAIN.
13. CONNECT NEW 1/2" COLD WATER TO 1" COLD WATER SUPPLY TO EXISTING WATER HEATER.
14. INSTALL REFRIGERANT SENSOR AT A HEIGHT OF NOT MORE THAN 1 FT. ABOVE FINISHED FLOOR.
15. REMOVE AND RETAIN EXISTING WATER FILTERS FOR RELOCATION.
16. DEMOLISH COLD WATER SUPPLY ROUTED UP IN WALL TO MAIN. CAP PIPE WITHIN TWO PIPE DIAMETERS OF MAIN.
17. CONTRACTOR TO TAB VERIFY GRILLE/ DIFFUSER AIRFLOW PRE CONSTRUCTION.
18. BALANCE EXISTING GRILLE TO PRE CONSTRUCTION AIRFLOW.

KEY PLAN



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Revisions:	Date:

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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 001 - LVL - 01 - DEMOLITION, FLOOR PLANS AND RCPS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
NON SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Project Number: 671A4-21-700
Building Number: 001
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Drawing Number: 001-M-401
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC
103 of 339

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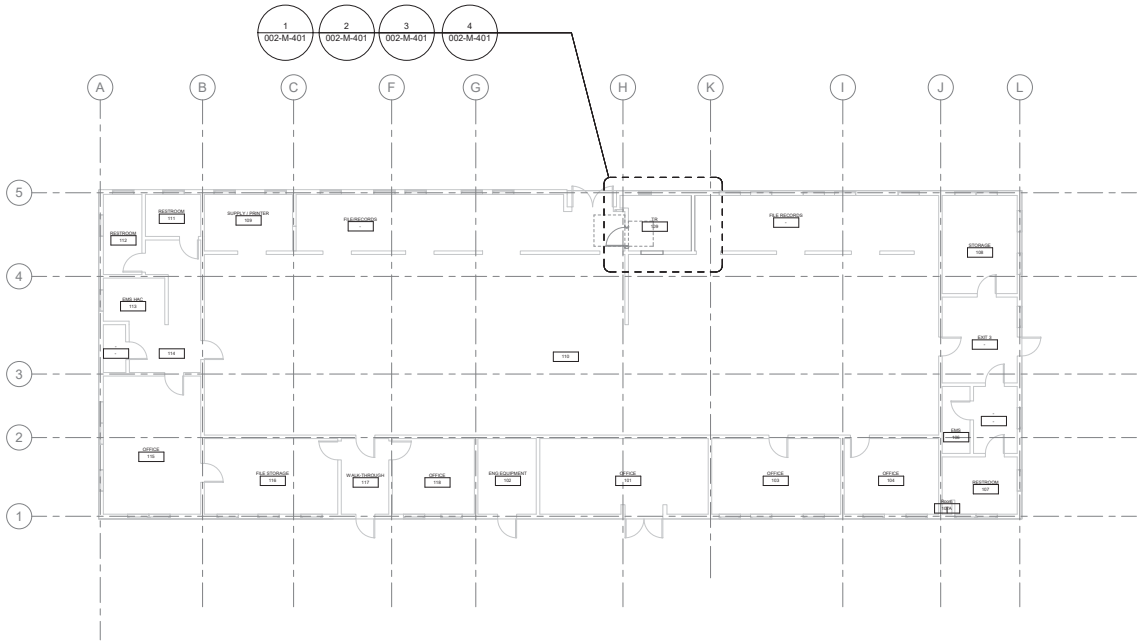
Autodesk Docs://671A4-21-700
VATX Kerrville
EHRM/VATX_01_ME_SDB.rvt

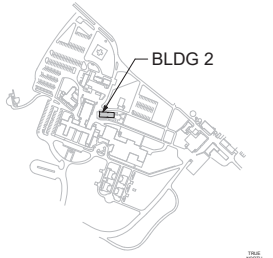
GENERAL NOTES

N/A



1 LEVEL 00 - OVERALL PLAN
1/8" = 1'-0"

SITE PLAN



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CHARL G. HUBBARD
STATE OF WASHINGTON
39485
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

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Drawing Title	BLDG - 002 - LVL - 01 - OVERALL PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location	Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date	11/21/2025
Checked	MGH/JW
Drawn	KGC/YRQ/EC
Project Number	671A4-21-700
Building Number	002
Drawing Number	002-M-101
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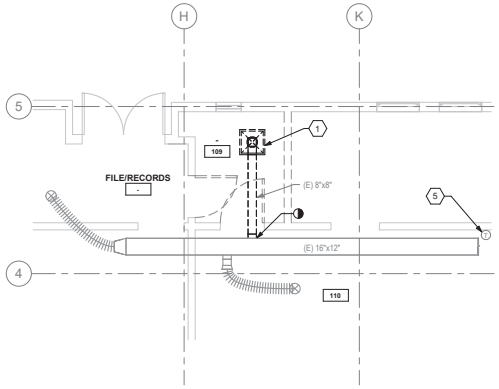
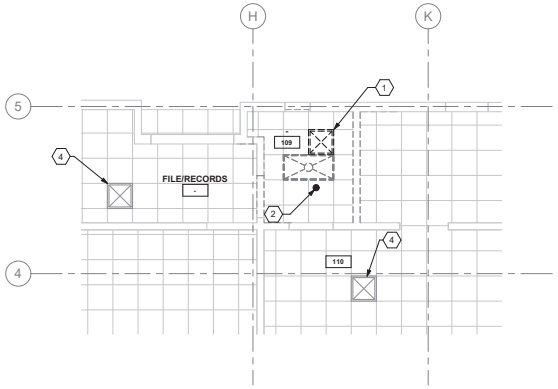
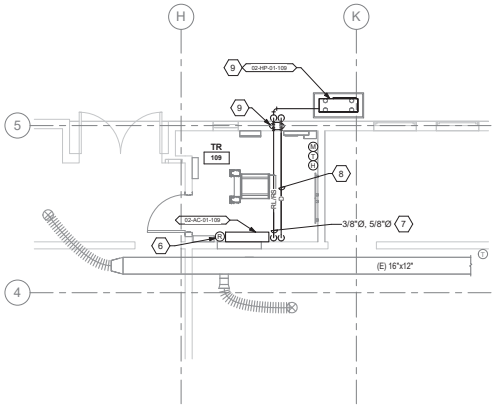


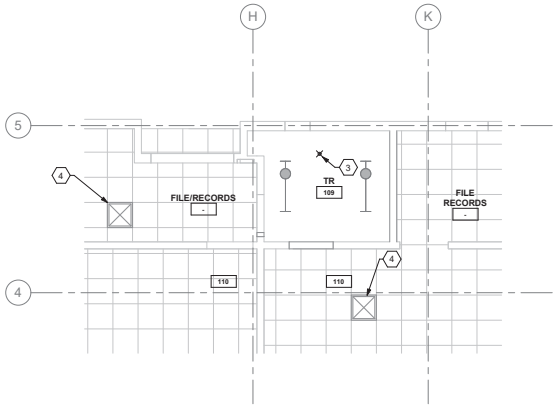
1 RM 109 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 109 - DEMOLITION RCP
1/4" = 1'-0"



3 RM 109 - FLOOR PLAN
1/4" = 1'-0"



4 RM 109 - RCP
1/4" = 1'-0"

GENERAL NOTES

1. FOR THE PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.

DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

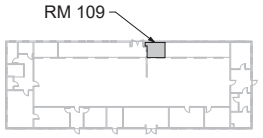
FIRE PROTECTION NOTES

1. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
2. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
3. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
5. TELECOM ROOMS AND DATA CENTERS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
6. ALL TELECOM ROOMS WITH EXISTING QUICK RESPONSE SPRINKLERS SHALL HAVE THE QUICK RESPONSE SPRINKLER HEAD REPLACED WITH STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS.
7. TELECOM ROOMS ARE CONSIDERED ORDINARY HAZARD GROUP 1 FOR SPRINKLER HEAD DENSITY. ANY OTHER HAZARD CLASSIFICATION AND SPRINKLER DENSITY ARE TO BE IN ACCORDANCE WITH NFPA 13 AND VA POLICY.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

KEYNOTES

1. DEMOLISH CEILING SUPPLY DIFFUSER. DEMOLISH BRANCH DUCTWORK BACK TO MAIN. CAP AND SEAL AT MAIN.
2. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER.
3. PROVIDE NEW SPRINKLERS. EXTEND NEW SPRINKLER LINE AS REQUIRED FOR NEW HEAD LOCATIONS.
4. EXISTING CEILING SUPPLY DIFFUSER TO REMAIN. MEASURE DIFFUSERS AND ASSOCIATED AIR HANDLER AIRFLOW AT THE HIGHEST SCHEDULED SET POINT PRIOR TO STARTING ANY WORK. BALANCE GRILLE TO PRE CONSTRUCTION AIRFLOW.
5. EXISTING THERMOSTAT TO REMAIN.
6. INSTALL REFRIGERANT SENSOR AT A HEIGHT OF NOT MORE THAN 1 FT. ABOVE FINISHED FLOOR.
7. INSTALL NEW REFRIGERANT LINES PER MANUFACTURER REQUIREMENTS (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION FOR ALL REFRIGERANT LINES PER SPECIFICATION SECTION 23 07 11. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. PIPE SIZES SHOWN ON PLANS ARE ONLY APPLICABLE TO BASIS OF DESIGN MANUFACTURER.
8. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. TERMINATE CONDENSATE PIPING WITH A DOWNTURNED ELBOW 12" ABOVE FINISHED GRADE.
9. SEE "CONDENSING UNIT GROUND MOUNT SUPPORT DETAIL" ON SHEET M-501.

KEY PLAN



SHOWN AREA

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 002 - LVL - 01 - DEMOLITION, FLOOR PLANS & RCPS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Project Number: 671A4-21-700
Building Number: 002
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Drawing Number: 002-M-401
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC
105 of 339

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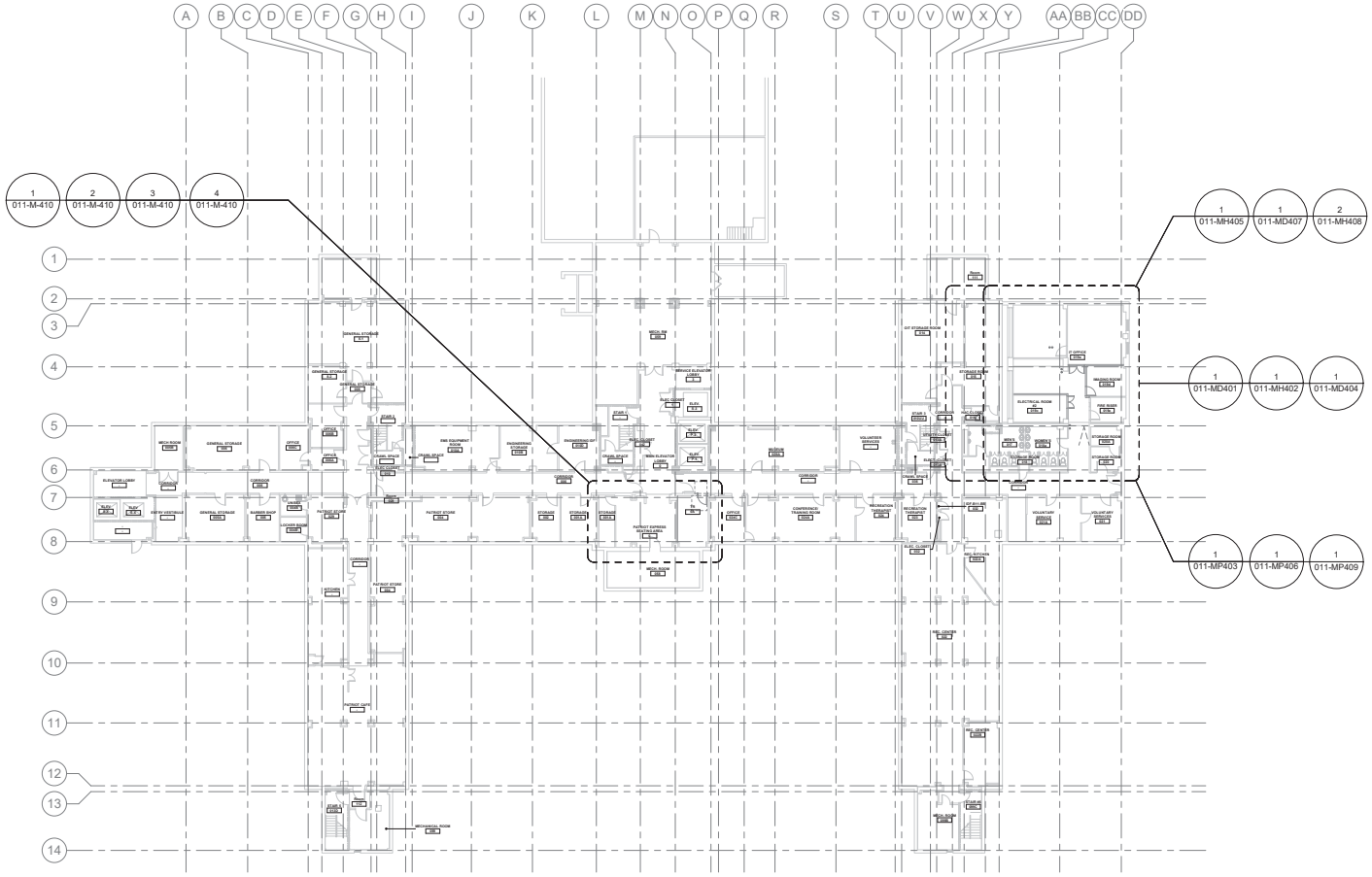
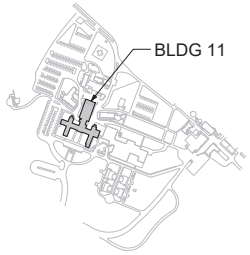


1 LEVEL 00 - OVERALL PLAN
1/16" = 1'-0"

GENERAL NOTES

N/A

SITE PLAN



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Drawing Title: BLDG - 011 - LVL - 00 - OVERALL PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Issue Date: 11/21/2025

Checked: MGH/JW

Drawn: KGC/YRQ/EC

Project Number: 671A4-21-700

Building Number: 011

Drawing Number: 011-M-101

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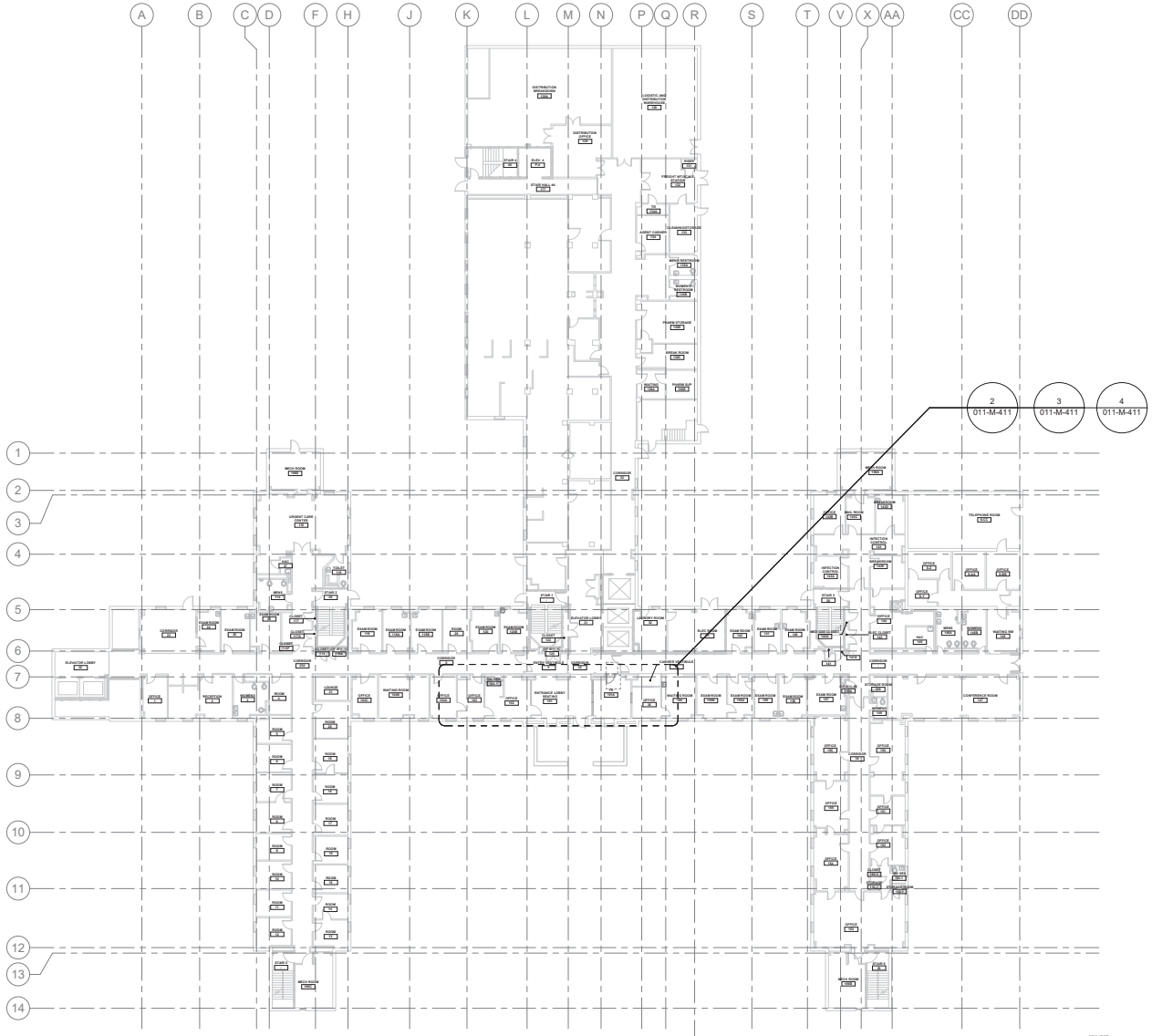
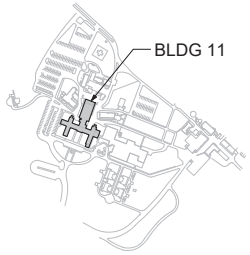


1 LEVEL 01 - OVERALL PLAN
1/16" = 1'-0"

GENERAL NOTES

N/A

SITE PLAN



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U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 01 - OVERALL PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Issue Date: 11/21/2025

Checked: MGH;JW

Drawn: KGC/YRQ/EC

Project Number: 671A4-21-700

Building Number: 011

Drawing Number: 011-M-102

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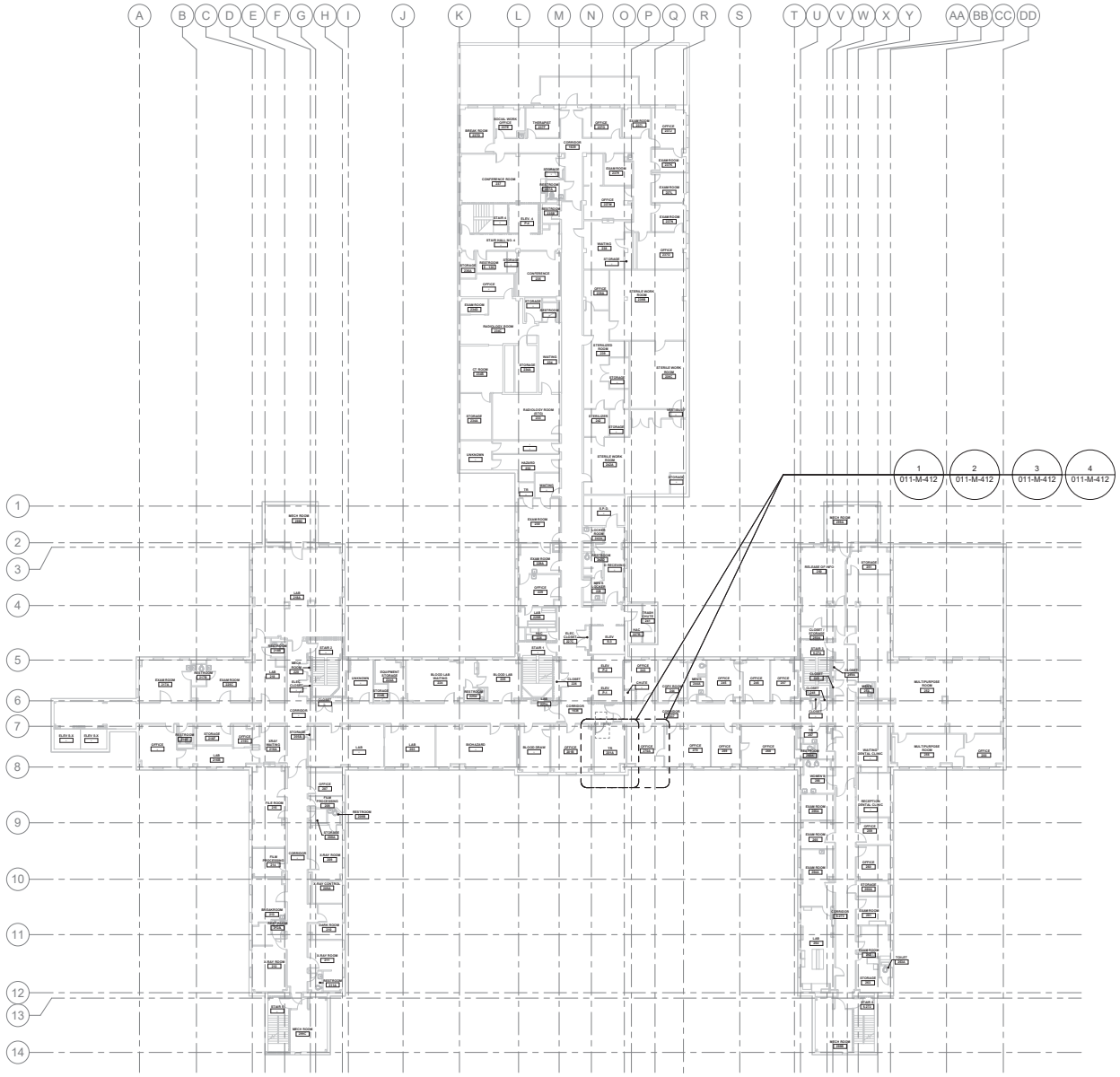
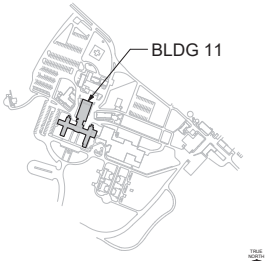


1 LEVEL 02 - OVERALL PLAN
1/16" = 1'-0"

GENERAL NOTES

N/A

SITE PLAN



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MICHAEL G. HUBBARD
STATE OF WASHINGTON
39485
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG - 011 - LVL - 02 - OVERALL PLAN	100% CONSTRUCTION DOCUMENTS	EHRM Infrastructure Upgrades - Kerrville (South Texas)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208	Building Number: 011
		Issue Date: 11/21/2025 · Checked: MGH/JW · Drawn: KGC/YRQ/EC	Drawing Number: 011-M-103

108 of 339

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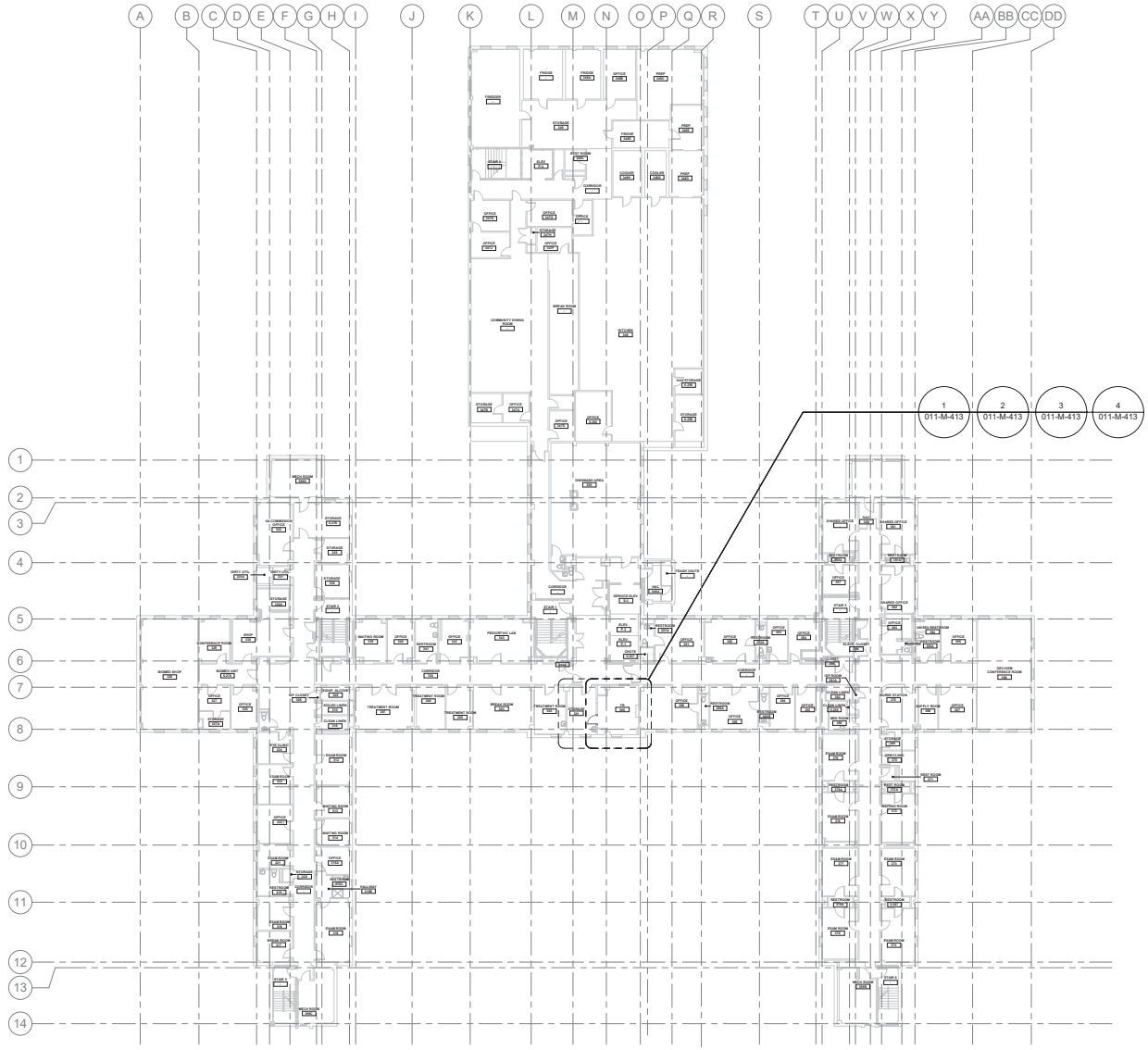

1 LEVEL 03 - OVERALL PLAN
1/16" = 1'-0"

GENERAL NOTES

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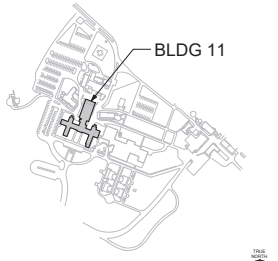
SITE PLAN



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CARL G. HUBBARD
STATE OF WASHINGTON
39485
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PROFESSIONAL ENGINEER

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Drawing Title	Phase	Project Title	Project Number
BLDG - 011 - LVL - 03 - OVERALL PLAN	100% CONSTRUCTION DOCUMENTS	EHRM Infrastructure Upgrades - Kerrville (South Texas)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208	Building Number: 011
		Issue Date: 11/21/2025 · Checked: MGH/JW · Drawn: KGC/YRQ/EC	Drawing Number: 011-M-104

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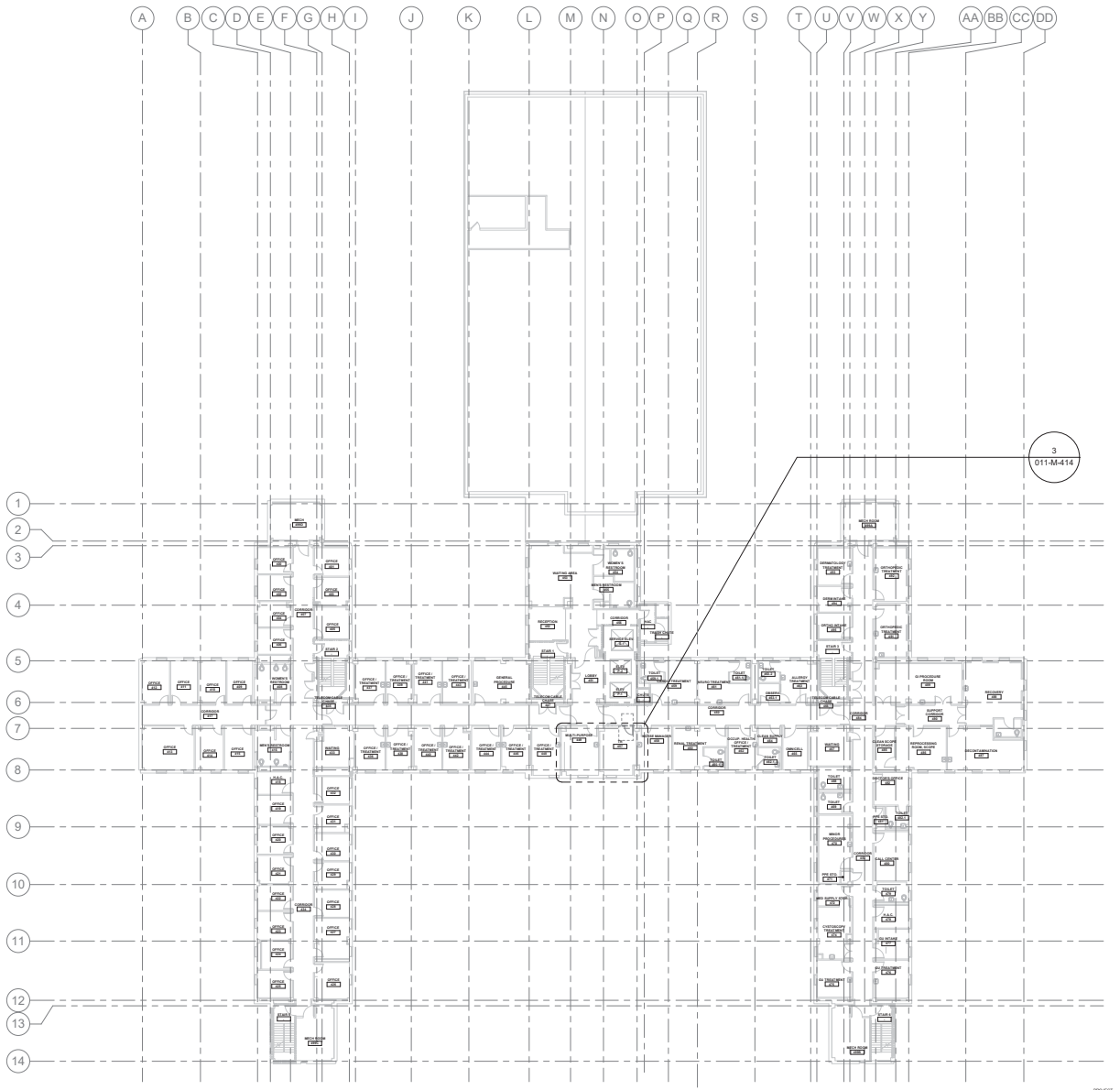
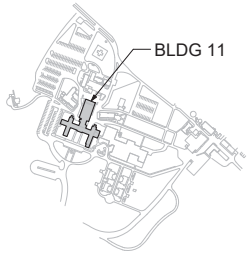


1 LEVEL 04 - OVERALL PLAN
1/16" = 1'-0"

GENERAL NOTES

N/A

SITE PLAN



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MICHAEL G. HUBBARD
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39485
PROFESSIONAL ENGINEER

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Drawing Title	BLDG - 011 - LVL - 04 - OVERALL PLAN
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Phase	100% CONSTRUCTION DOCUMENTS
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Project Title	EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location	Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date	11/21/2025
Checked	MGH;JW
Drawn	KGC/YRQ/EC
Project Number	671A4-21-700
Building Number	011
Drawing Number	011-M-105
	110 of 339

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11/19/2025 10:49:07 AM

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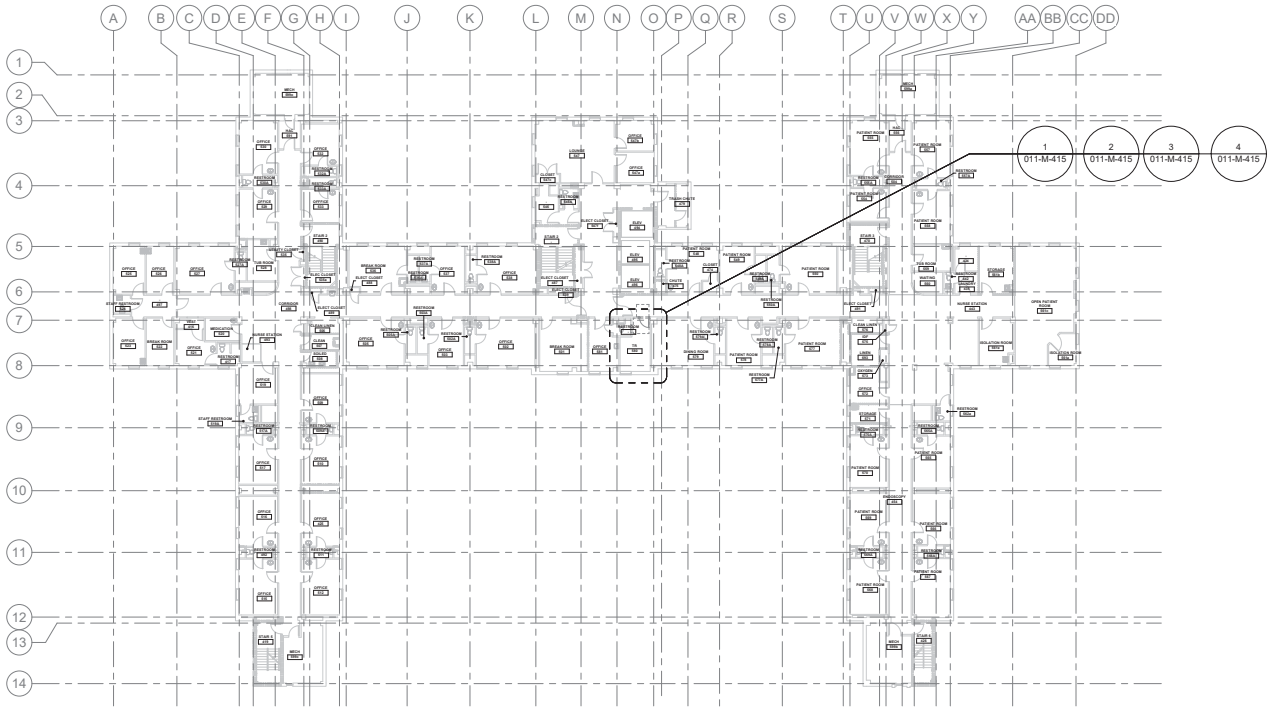
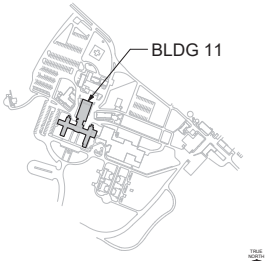


1 LEVEL 05 - OVERALL PLAN
1/16" = 1'-0"

GENERAL NOTES

N/A

SITE PLAN



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39485
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Drawing Title	BLDG - 011 - LVL - 05 - OVERALL PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location	Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date	11/21/2025
Checked	MGH/JW
Drawn	KGC/YRQ/EC
Project Number	671A4-21-700
Building Number	011
Drawing Number	011-M-106
	111 of 339

VA FORM 08 - 6231

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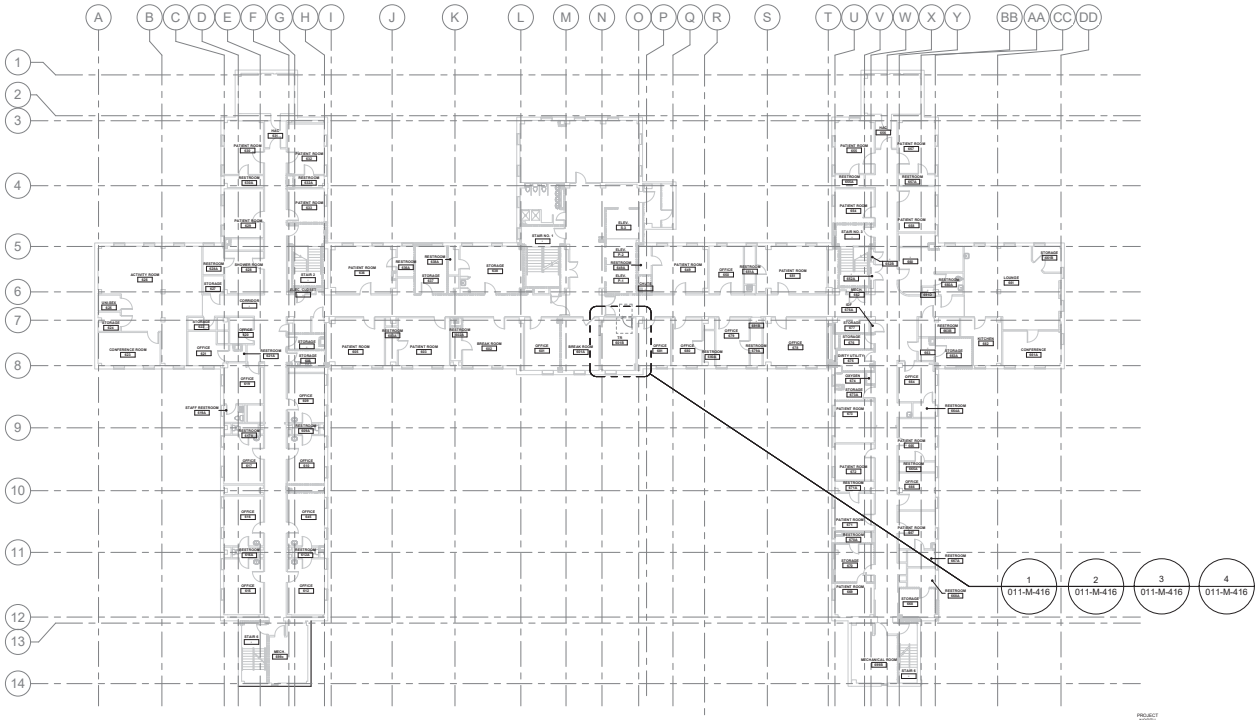
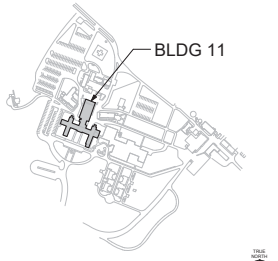


1 LEVEL 06 - OVERALL PLAN
1/16" = 1'-0"

GENERAL NOTES

N/A

SITE PLAN



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PROFESSIONAL ENGINEER

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Drawing Title	BLDG - 011 - LVL - 06 - OVERALL PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
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Project Title	EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location	Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date	11/21/2025
Checked	MGH/JW
Drawn	KGC/YRQ/EC
Project Number	671A4-21-700
Building Number	011
Drawing Number	011-M-107
	112 of 339

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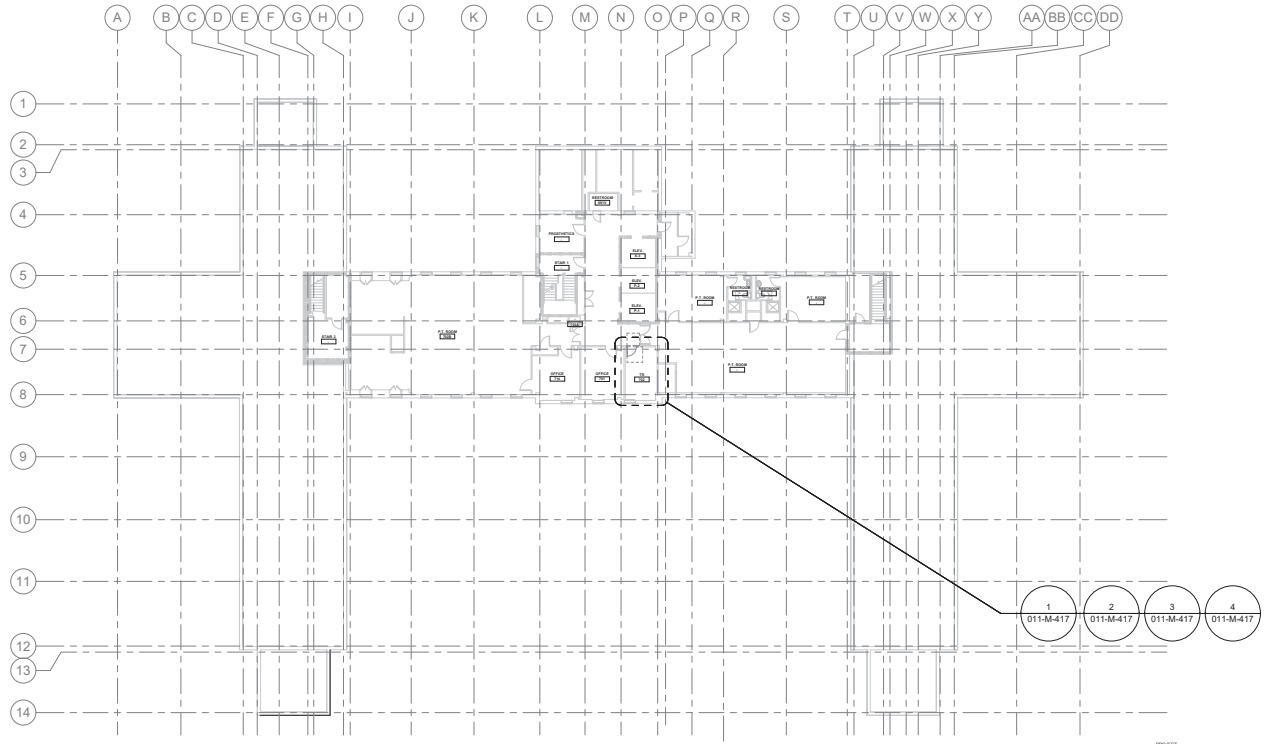
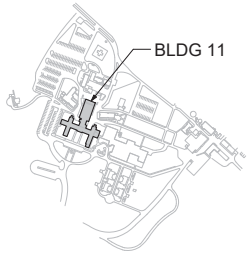


1 LEVEL 07 - OVERALL PLAN
1/16" = 1'-0"

GENERAL NOTES

N/A

SITE PLAN



SHOWN AREA

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Drawing Title	BLDG - 011 - LVL - 07 - OVERALL PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
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Project Title	EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location	Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date	11/21/2025
Checked	MGH/JW
Drawn	KGC/YRQ/EC
Project Number	671A4-21-700
Building Number	011
Drawing Number	011-M-108
	113 of 339

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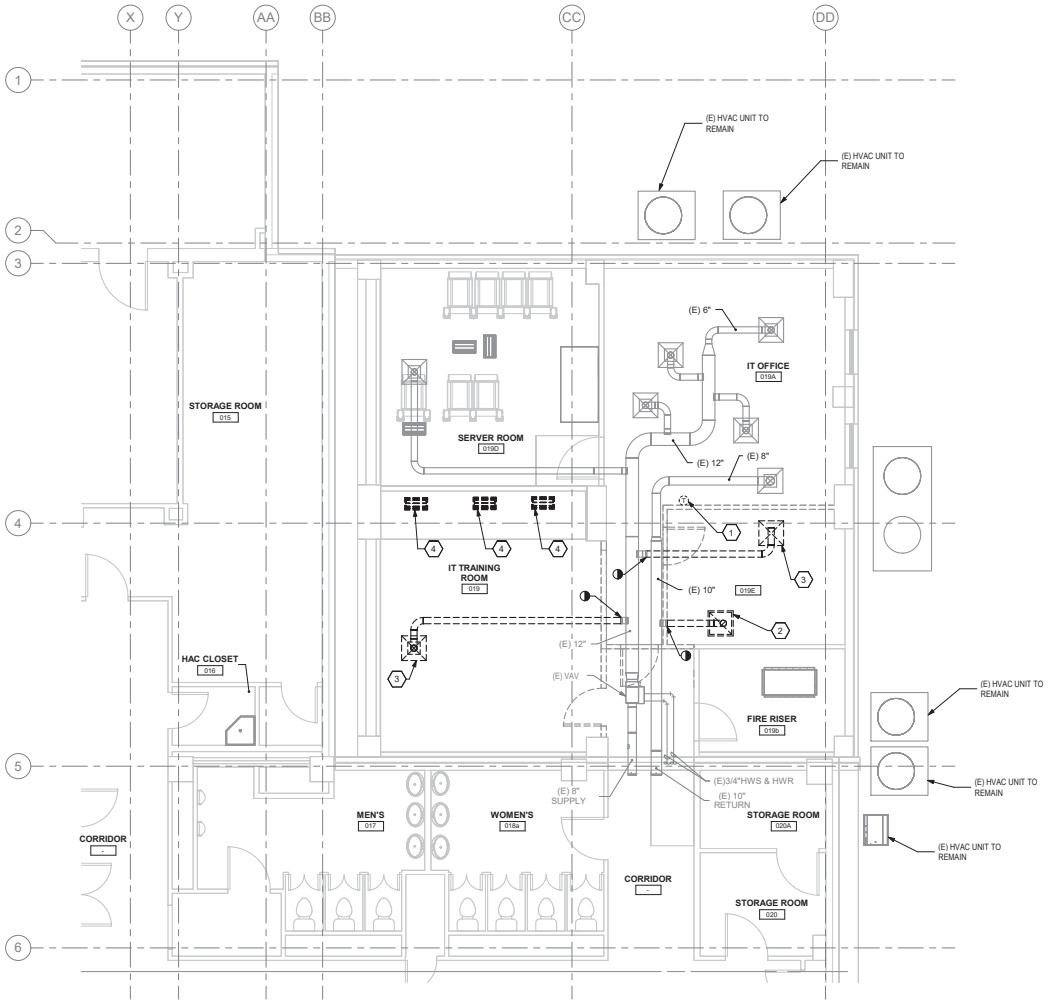


1 MAIN COMPUTER ROOM - PHASE 01 - HVAC DEMOLITION PLAN
1/4" = 1'-0"

PROJECT NORTH

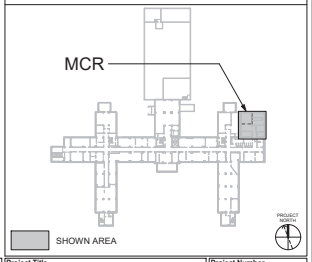
DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

KEYNOTES

1. RELOCATE EXISTING TEMPERATURE SENSOR. COORDINATE WITH PHASE 2 NEW WORK PLAN FOR NEW LOCATION.
2. DEMOLISH EXISTING CEILING RETURN GRILLE. DEMOLISH ASSOCIATED BRANCH DUCTWORK BACK TO MAIN. CAP AND SEAL DUCTWORK AT MAIN.
3. DEMOLISH EXISTING CEILING SUPPLY DIFFUSER. DEMOLISH ASSOCIATED BRANCH DUCTWORK.
4. DEMOLISH EXISTING FLOOR PLENUM SUPPLY GRILLE.
5. DEMOLISH EXISTING PVC HUB DRAIN AND PIPING TO EXTERIOR. COORDINATE WITH NEW WORK FOR NEW PIPE ROUTING THROUGH EXISTING WALL PENETRATION.
6. DEMOLISH EXISTING CONDENSATE DRAIN FROM CEILING AC UNIT DRAINING INDIRECTLY TO HUB DRAIN.

KEY PLAN



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VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 01 - MECHANICAL DEMOLITION FLOOR PLAN
Approved:

Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC

Project Number: 671A4-21-700
Building Number: 011
Drawing Number: 011-MD401

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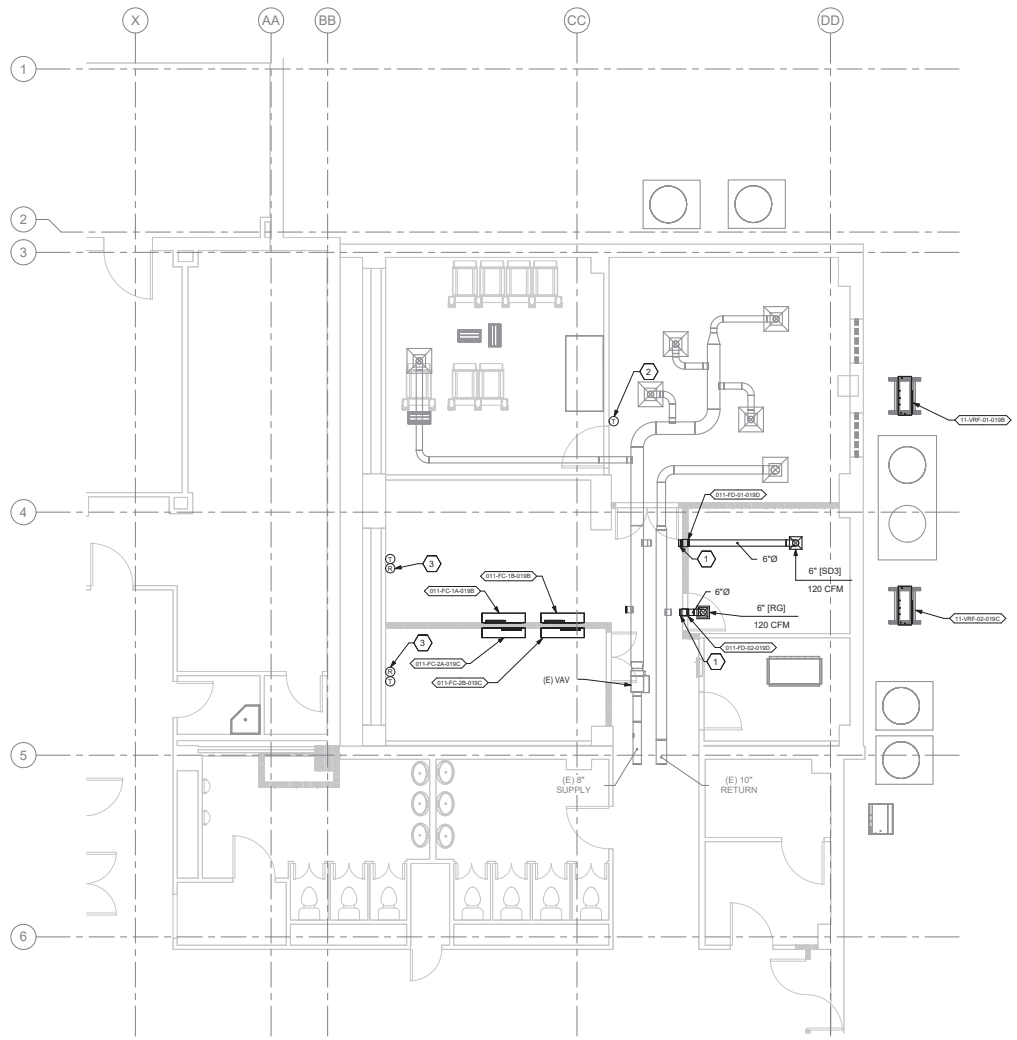
EHRM/VATX_11_ME_SDB.rvt

GENERAL NOTES

1. ALL DUCTING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.

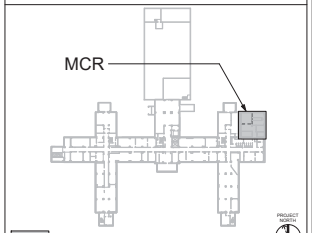
KEYNOTES

1. DUCTWORK TO BE CONNECTED IN FOLLOWING PHASES.
2. RELOCATED EXISTING TEMPERATURE SENSOR. COORDINATE WITH DEMOLITION WORK SHEET MD401.
3. INSTALL REFRIGERANT SENSOR AT A HEIGHT OF NOT MORE THAN 1 FT. ABOVE FINISHED FLOOR.



1 MAIN COMPUTER ROOM - PHASE 01 - HVAC FLOOR PLAN
1/4" = 1'-0"

KEY PLAN



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ARCHITECT/ ENGINEER OF RECORD
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U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 01 - HVAC DUCT FLOOR PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC
Project Number: 671A4-21-700
Building Number: 011
Drawing Number: 011-MH402
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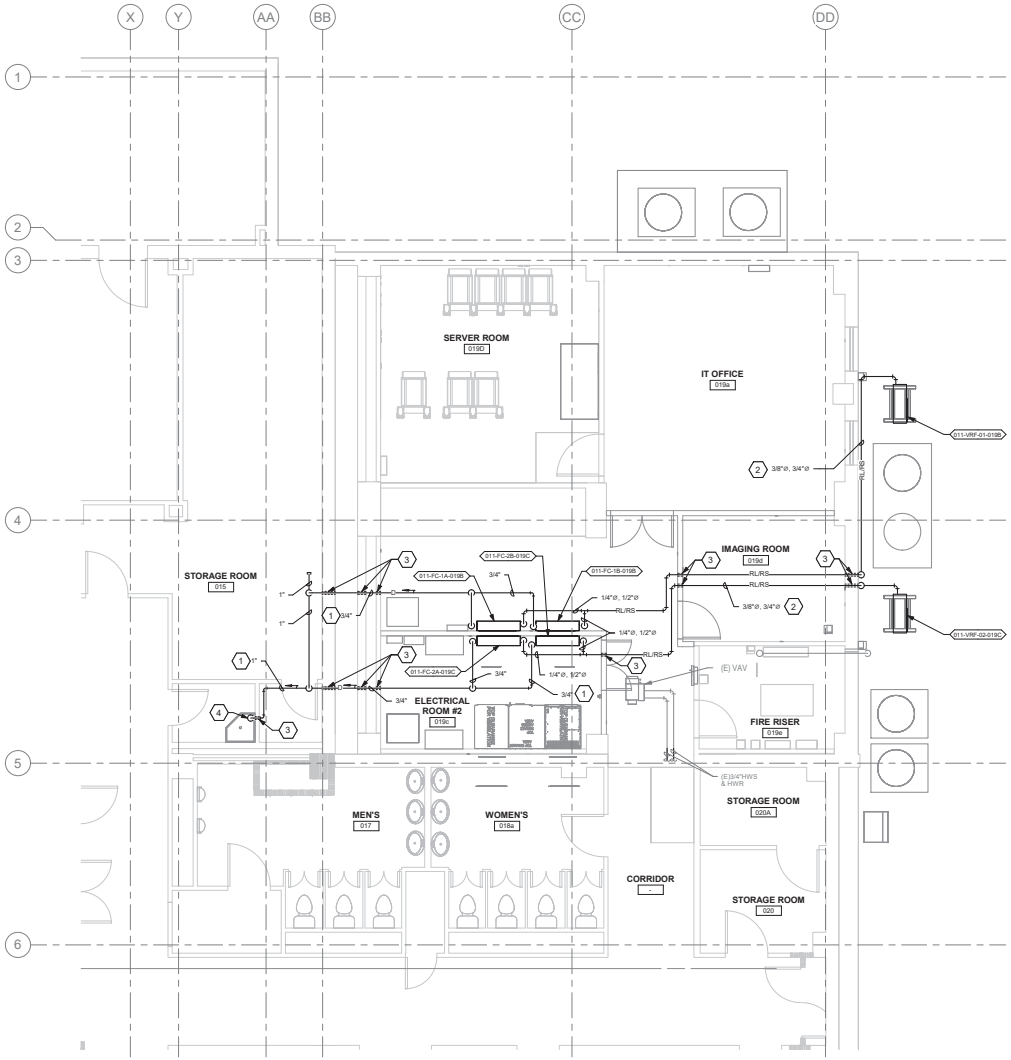


1 MAIN COMPUTER ROOM - PHASE 01 - HVAC PIPING FLOOR PLAN

1/4" = 1'-0"

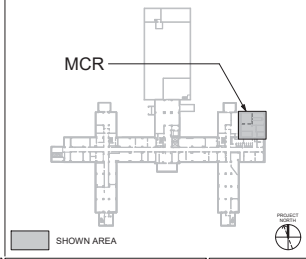
GENERAL NOTES

1. ALL PIPING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.
5. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.

KEYNOTES

1. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11.
2. INSTALL NEW REFRIGERANT LINES PER MANUFACTURER REQUIREMENTS (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION FOR ALL REFRIGERANT LINES PER SPECIFICATION SECTION 23 07 11. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. PIPE SIZES SHOWN ON PLANS ARE ONLY APPLICABLE TO BASIS OF DESIGN MANUFACTURER.
3. PROVIDE WALL OPENING AND PIPE SLEEVE. SEE "PIPE THRU WALL (RATED/UNRATED) DETAIL" ON SHEET M-501.
4. CONDENSATE TO BE DISCHARGED TO MOP SINK BASIN. SEE "INDIRECT DRAIN DETAIL" ON SHEET M-501.

KEY PLAN



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Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 01 - HVAC PIPING FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Issue Date: 11/21/2025

Checked: MGH/JW

Drawn: KGC/RQ/BC

Project Number: 671A4-21-700

Building Number: 011

Drawing Number: 011-MP403

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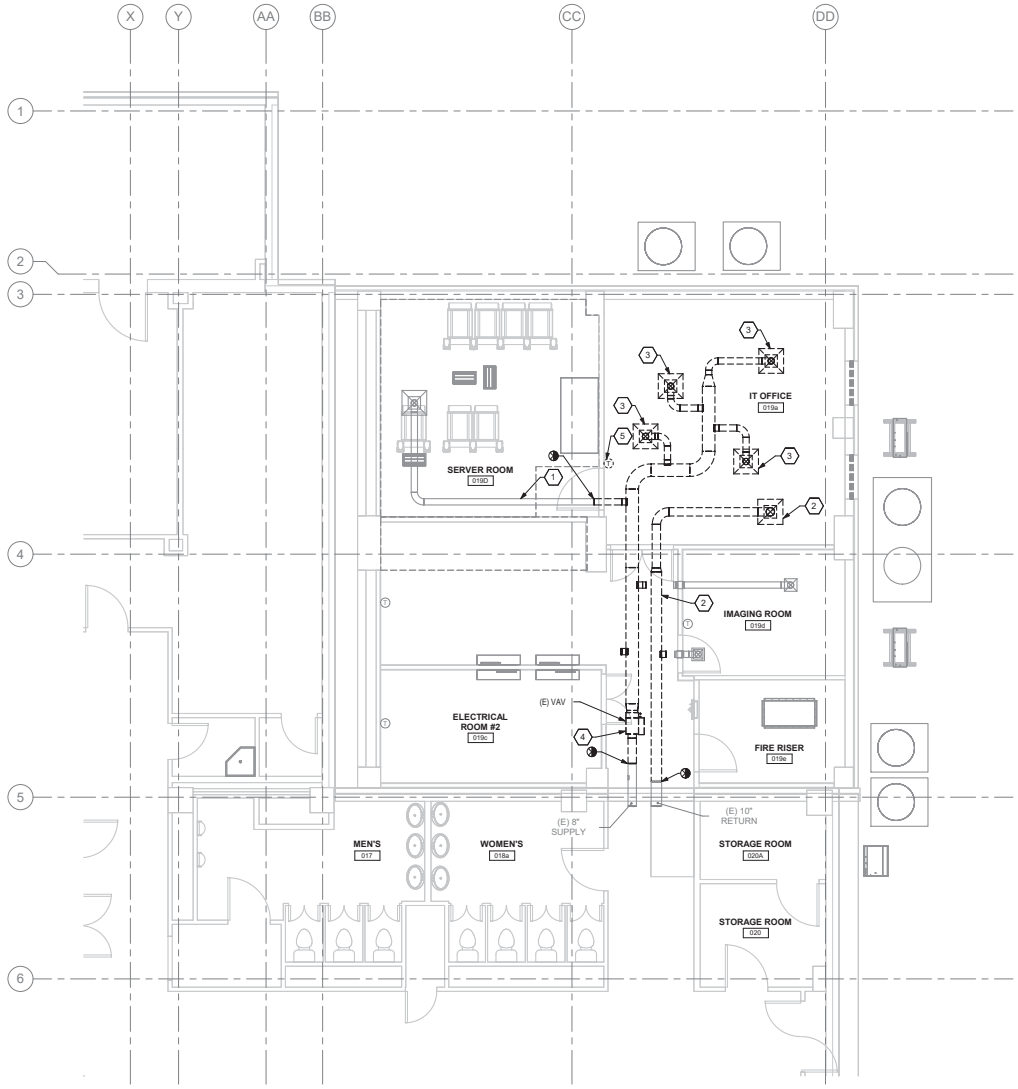


1 MAIN COMPUTER ROOM - PHASE 02 - HVAC DEMOLITION PLAN

1/4" = 1'-0"

PROJECT NORTH

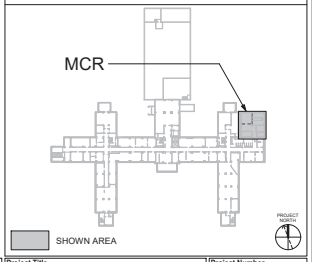
DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

KEYNOTES

1. DUCT TO BE REMOVED IN PHASE 3.
2. DEMOLISH EXISTING CEILING RETURN GRILLE. DEMOLISH ASSOCIATED BRANCH DUCTWORK BACK TO MAIN. CAP AND SEAL DUCTWORK AT LIMIT OF DEMOLITION.
3. DEMOLISH EXISTING CEILING SUPPLY DIFFUSER. DEMOLISH ASSOCIATED BRANCH DUCTWORK.
4. DEMOLISH EXISTING VAV AND CAP ASSOCIATED PIPING AND DUCTWORK FOR REUSE ON NEW VAV UNIT. PRESERVE PIPING FOR RECONNECTION.
5. DEMOLISH EXISTING TEMPERATURE SENSOR.

KEY PLAN



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Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 02 - MECHANICAL DEMOLITION FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Project Number: 671A4-21-700

Building Number: 011

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Drawing Number: 011-MD404

Issue Date: 11/21/2025 | Checked: MGH/JW | Drawn: KGC/YRQ/EC

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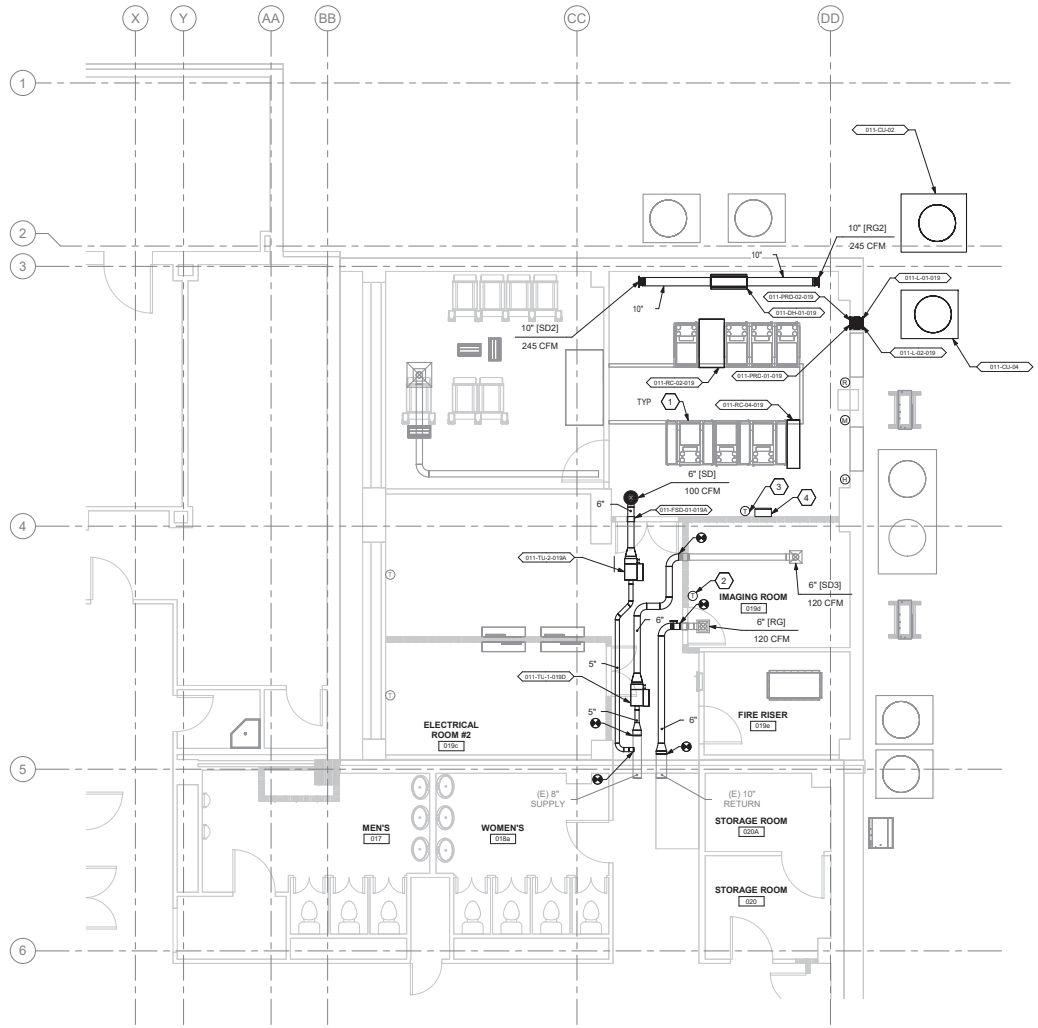


1 MAIN COMPUTER ROOM - PHASE 02 - HVAC FLOOR PLAN
1/4" = 1'-0"

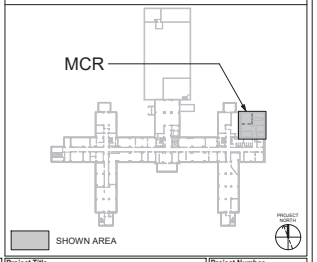
GENERAL NOTES

1. ALL DUCTING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.

KEYNOTES

1. SEE DETAIL SHEET M-502 FOR RACK TEMPERATURE SENSOR LOCATIONS.
2. PROVIDE NEW TEMPERATURE SENSOR FOR VAV UNIT 011-TU-1-019D.
3. PROVIDE NEW TEMPERATURE SENSOR FOR VAV UNIT 011-TU-2-019A.
4. PROVIDE BMS PANEL AND BMS NETWORK EXPANSION SWITCH WITH 13 POINTS BY ELECTRICAL DESIGN.

KEY PLAN



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Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 02 - HVAC DUCT FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Project Number: 671A4-21-700

Building Number: 011

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Drawing Number: 011-MH405

Issue Date: 11/21/2025 | Checked: MGH/JW | Drawn: KGC/YRQ/EC

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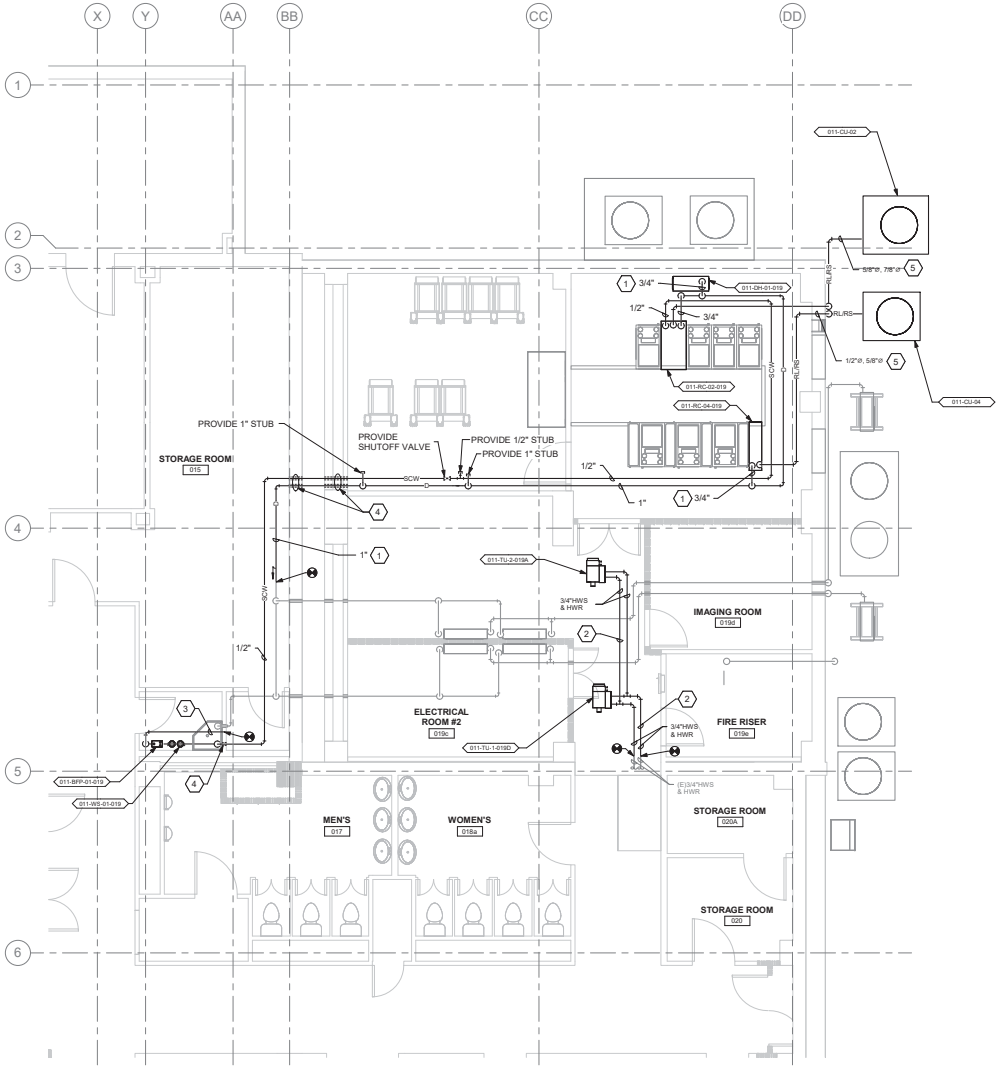


1 MAIN COMPUTER ROOM - PHASE 02 - HVAC PIPING FLOOR PLAN

1/4" = 1'-0"

PROJECT NORTH

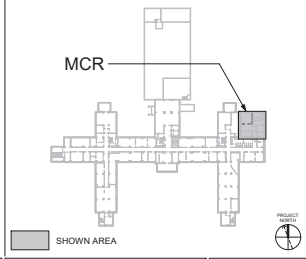
GENERAL NOTES

1. ALL PIPING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.
5. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.

KEYNOTES

1. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11.
2. EXTEND EXISTING HEATING HOT WATER SUPPLY AND RETURN LINES TO NEW VAV UNITS.
3. CONNECT NEW 1/2" COLD WATER PIPING TO EXISTING COLD WATER PIPING SUPPLYING MOP SINK.
4. PROVIDE WALL OPENING AND PIPE SLEEVE. SEE "PIPE THRU WALL (RATED/UNRATED) DETAIL" ON SHEET M-501.
5. INSTALL NEW REFRIGERANT LINES PER MANUFACTURER REQUIREMENTS (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION FOR ALL REFRIGERANT LINES PER SPECIFICATION SECTION 23 07 11. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. PIPE SIZES SHOWN ON PLANS ARE ONLY APPLICABLE TO BASIS OF DESIGN MANUFACTURER.

KEY PLAN



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DISCIPLINE:
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Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 02 - HVAC PIPING FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Project Number: 671A4-21-700

Building Number: 011

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Drawing Number: 011-MP406

Issue Date: 11/21/2025 | Checked: MGH/JW | Drawn: KGC/YRQ/EC

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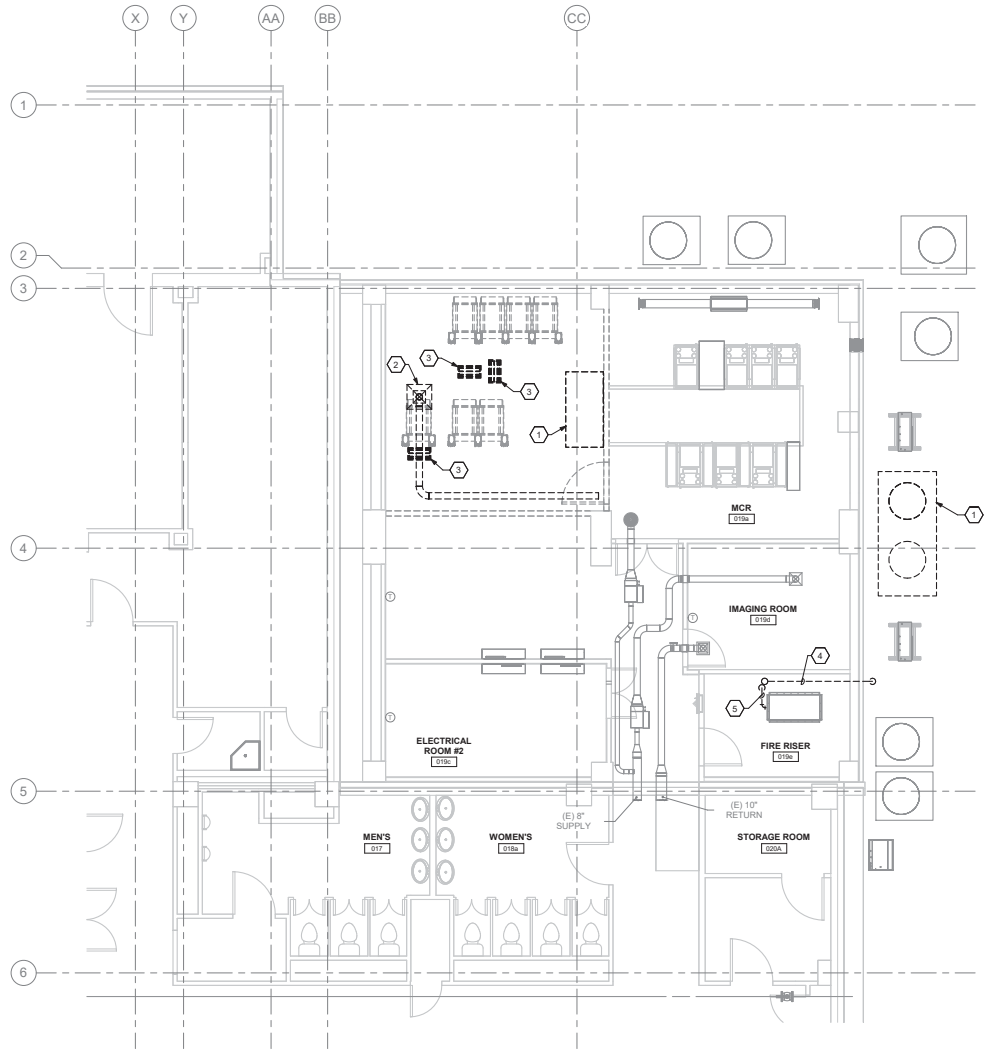


1 MAIN COMPUTER ROOM - PHASE 03 - HVAC DEMOLITION PLAN
1/4" = 1'-0"

PROJECT NORTH

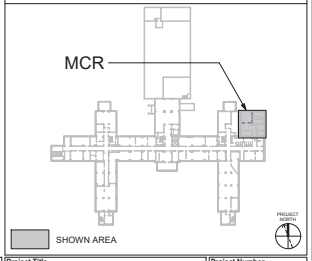
DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

KEYNOTES

1. DEMOLISH AND REMOVE EXISTING FLOOR MOUNTED COMPUTER ROOM AC UNIT SYSTEM.
2. DEMOLISH EXISTING CEILING SUPPLY DIFFUSER. DEMOLISH ASSOCIATED BRANCH DUCTWORK.
3. DEMOLISH EXISTING FLOOR PLENUM SUPPLY GRILLE.
4. DEMOLISH EXISTING PVC HUB DRAIN AND PIPING TO EXTERIOR. COORDINATE WITH NEW WORK FOR NEW PIPE ROUTING THROUGH EXISTING WALL PENETRATION.
5. DEMOLISH EXISTING CONDENSATE DRAIN FROM CEILING AC UNIT DRAINING INDIRECTLY TO HUB DRAIN.

KEY PLAN



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DISCIPLINE:
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VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 03 - MECHANICAL DEMOLITION FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Project Number: 671A4-21-700

Building Number: 011

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Drawing Number: 011-MD407

Issue Date: 11/21/2025

Checked: MGH/JW

Drawn: KGC/YRQ/EC

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VATX Kerrville
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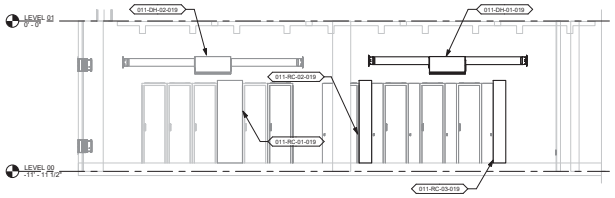
GENERAL NOTES

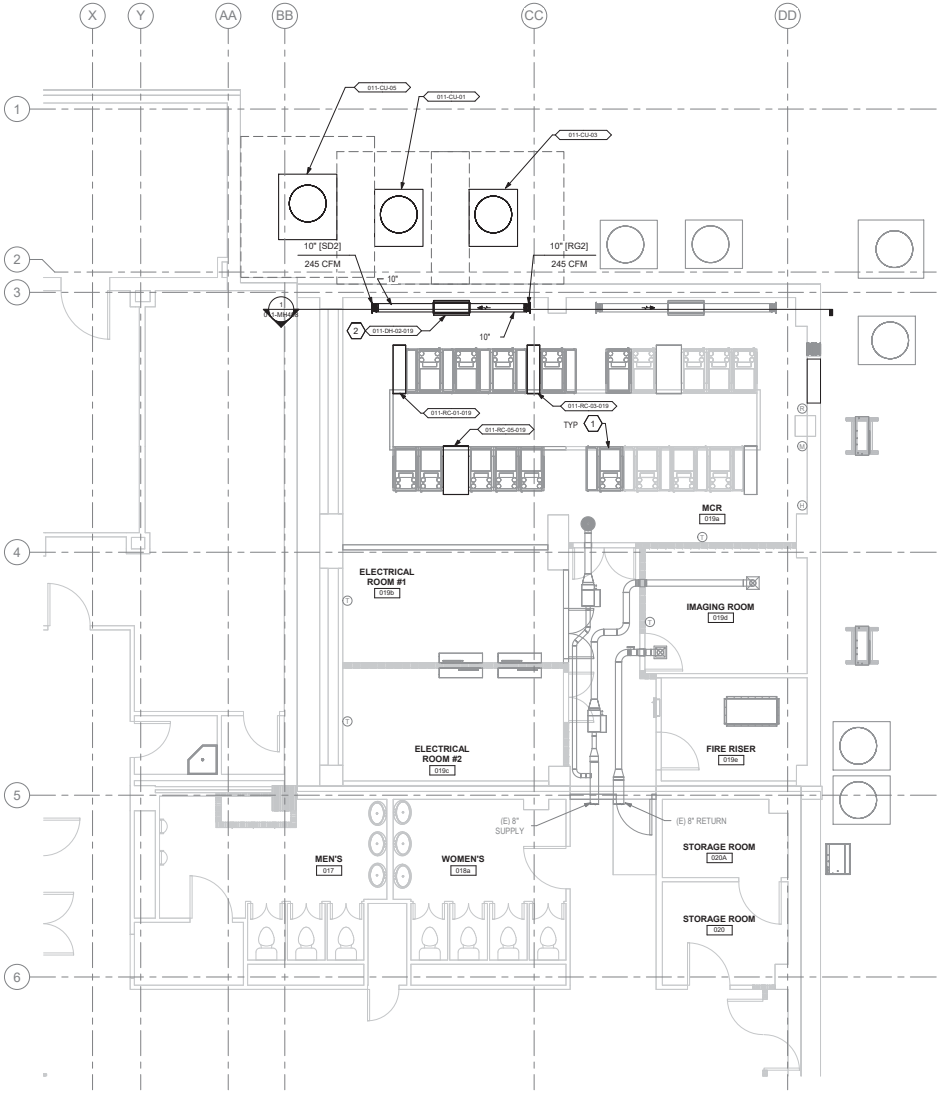
1. ALL DUCTING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.

KEYNOTES

1. SEE DETAIL SHEET M-502 FOR RACK TEMPERATURE SENSOR LOCATIONS



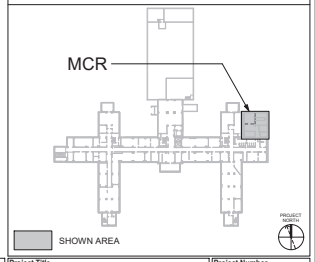
1 MAIN COMPUTER ROOM SECTION VIEW
1/4" = 1'-0"



2 MAIN COMPUTER ROOM - PHASE 03 - HVAC FLOOR PLAN
1/4" = 1'-0"

PROJECT NORTH

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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SPEESDESIGNBUILD

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MICHAEL G. HUBBARD
STATE OF WASHINGTON
39483
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 03 - HVAC DUCT FLOOR PLAN
Approved:

Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Project Number: 671A4-21-700
Building Number: 011
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Drawing Number: 011-MH408
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC

VA FORM 08 - 6231
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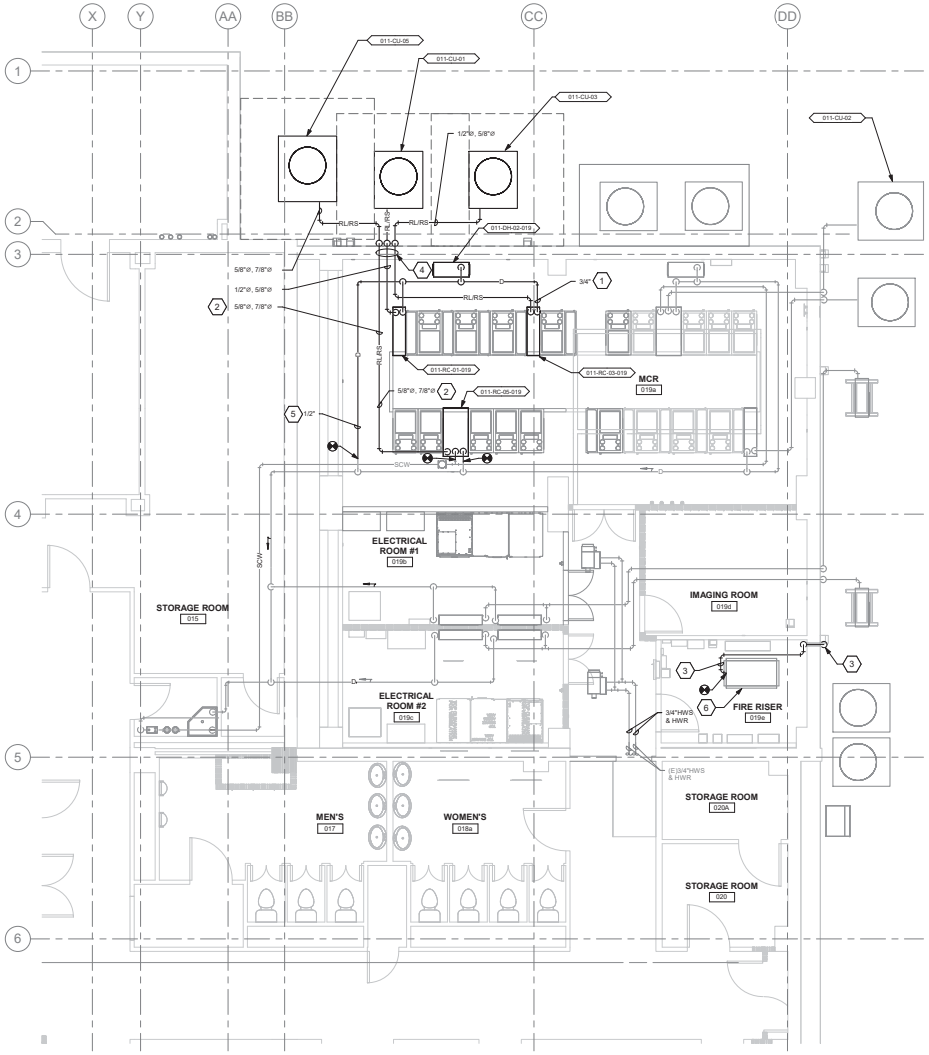
VATX Kerrville
EHRM/VATX_11_ME_SDB.rvt



1 MAIN COMPUTER ROOM - PHASE 03 - HVAC PIPING FLOOR PLAN

1/4" = 1'-0"

PROJECT NORTH

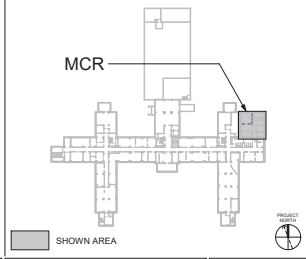
GENERAL NOTES

1. ALL PIPING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.
5. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.

KEYNOTES

1. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11.
2. INSTALL NEW REFRIGERANT LINES PER MANUFACTURER REQUIREMENTS (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION FOR ALL REFRIGERANT LINES PER SPECIFICATION SECTION 23 07 11. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. PIPE SIZES SHOWN ON PLANS ARE ONLY APPLICABLE TO BASIS OF DESIGN MANUFACTURER.
3. ROUTE NEW 1" STEEL PIPE CONDENSATE FROM CEILING AC UNIT TO EXTERIOR THROUGH EXISTING WALL PENETRATION. TERMINATE CONDENSATE PIPING WITH A DOWNTURNED ELBOW 12" ABOVE FINISHED GRADE.
4. PROVIDE WALL OPENING AND PIPE SLEEVE. SEE "PIPE THRU WALL (RATED/UNRATED) DETAIL" ON SHEET M-501.
5. CONNECT NEW 1/2" COLD WATER PIPING TO COLD WATER PIPING FROM PHASE 2.
6. EXISTING CEILING AC UNIT AND ASSOCIATED OUTDOOR UNIT TO REMAIN.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:
MECHANICAL ENGINEERING

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SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BLDG - 011 - LVL - 00 - MAIN COMPUTER ROOM - PHASE 03 - HVAC PIPING FLOOR PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location	Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date	11/21/2025
Checked	MGH/JW
Drawn	KGC/YRQ/EC
Project Number	671A4-21-700
Building Number	011
Drawing Number	011-MP409
	122 of 339

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VATX Kerrville
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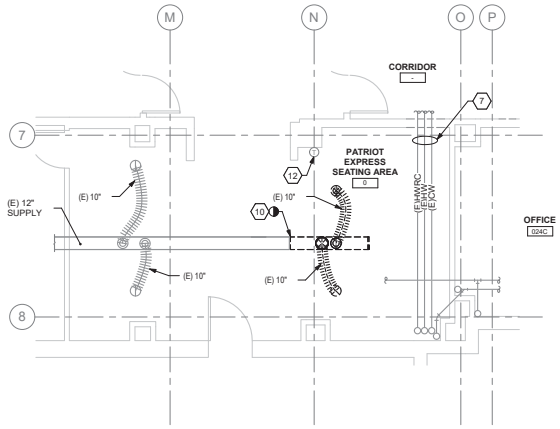
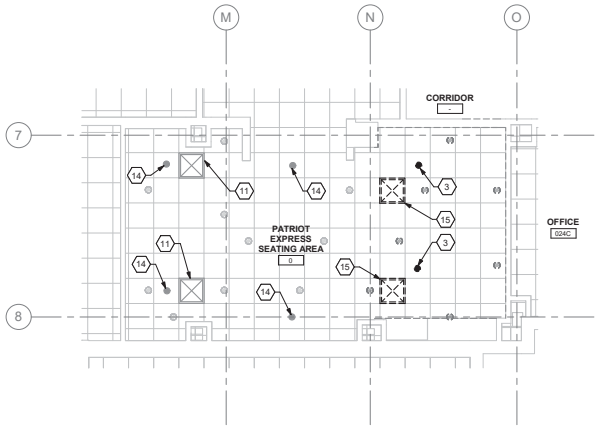
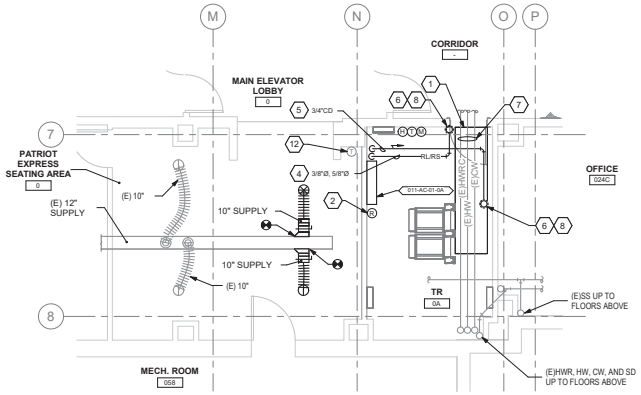


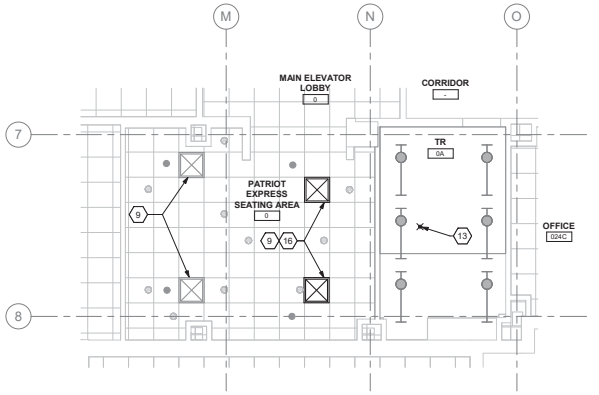
1 RM 0 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 0 - DEMOLITION RCP
1/4" = 1'-0"



3 RM 0A - FLOOR PLAN
1/4" = 1'-0"



4 RM 0A - RCP
1/4" = 1'-0"

GENERAL NOTES

1. FOR THE PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.

DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

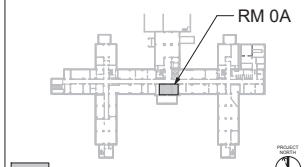
FIRE PROTECTION NOTES

1. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
2. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
3. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
5. TELECOM ROOMS AND MAIN COMPUTER ROOMS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
6. ALL TELECOM ROOMS WITH EXISTING QUICK RESPONSE SPRINKLERS SHALL HAVE THE QUICK RESPONSE SPRINKLER HEAD REPLACED WITH STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS.
7. TELECOM ROOMS ARE CONSIDERED ORDINARY HAZARD GROUP 1 FOR SPRINKLER HEAD DENSITY. ANY OTHER HAZARD CLASSIFICATION AND SPRINKLER DENSITY ARE TO BE IN ACCORDANCE WITH NFPA 13 AND VA POLICY.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

KEYNOTES

1. PROVIDE DRIP PAN WITH MOISTURE SENSOR FOR EXISTING OVERHEAD PIPING.
2. INSTALL REFRIGERANT SENSOR AT A HEIGHT OF NOT MORE THAN 1 FT. ABOVE FINISHED FLOOR.
3. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER.
4. INSTALL NEW REFRIGERANT LINES PER MANUFACTURER REQUIREMENTS (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION FOR ALL REFRIGERANT LINES PER SPECIFICATION SECTION 23 07 11. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. PIPE SIZES SHOWN ON PLANS ARE ONLY APPLICABLE TO BASIS OF DESIGN MANUFACTURER.
5. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11.
6. PROVIDE FLOOR OPENING AND PIPE SLEEVE. SEE "PIPE THRU FLOOR DETAIL" ON SHEET M-501.
7. EXISTING PIPING TO REMAIN.
8. FROM FLOOR ABOVE, FOR CONTINUATION SEE SHEET 011-M-411.
9. BALANCE SUPPLY DIFFUSER TO PRE-CONSTRUCTION AIRFLOW.
10. DEMOLISH EXISTING DUCTWORK AS INDICATED.
11. EXISTING CEILING SUPPLY DIFFUSER TO REMAIN.
12. EXISTING TEMPERATURE SENSOR TO REMAIN.
13. PROVIDE NEW SPRINKLERS. EXTEND NEW SPRINKLER LINE AS REQUIRED FOR NEW HEAD LOCATIONS.
14. EXISTING QUICK RESPONSE SPRINKLER TO REMAIN.
15. REMOVE AND RETAIN EXISTING CEILING SUPPLY DIFFUSER FOR RELOCATION. MEASURE EXISTING AIRFLOW PRIOR TO STARTING WORK.
16. RELOCATED EXISTING CEILING SUPPLY DIFFUSER. INSTALL NEW DUCTWORK AND CONNECT TO EXISTING RELOCATED GRILLE.

KEY PLAN



SHOWN AREA

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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MICHAEL G. HUBBARD
STATE OF WASHINGTON
39485
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 00 - DEMOLITION, FLOOR PLANS & RCPS
Approved:

Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC

Project Number: 671A4-21-700
Building Number: 011
Drawing Number: 011-M-410
123 of 339

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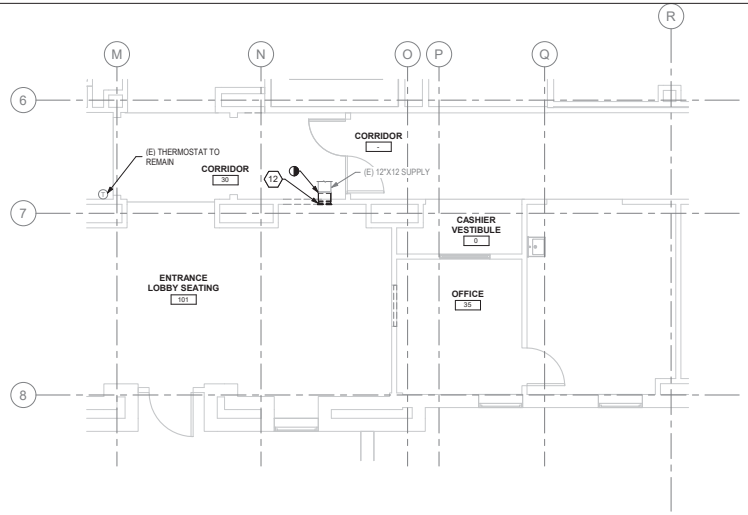
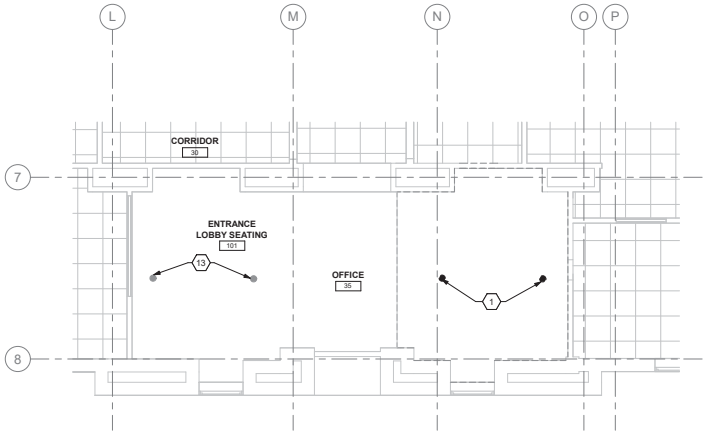
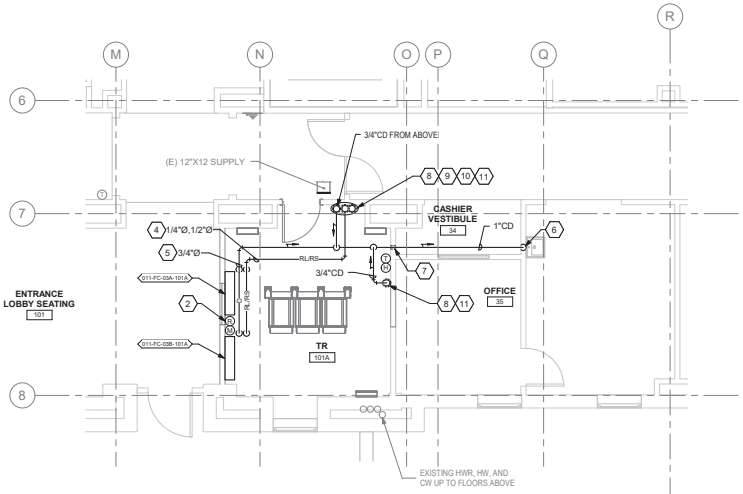


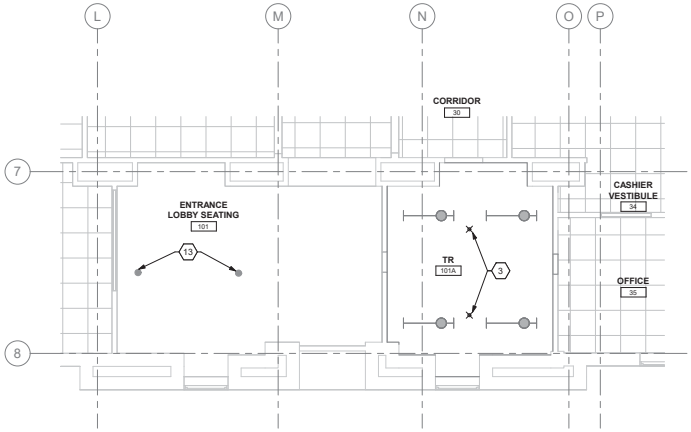
1 RM 101 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 101 - DEMOLITION RCP
1/4" = 1'-0"



3 RM 101A - FLOOR PLAN
1/4" = 1'-0"



4 RM 101A - RCP
1/4" = 1'-0"

GENERAL NOTES

1. FOR THE PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.

DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

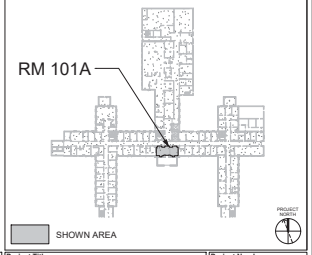
FIRE PROTECTION NOTES

1. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
2. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
3. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
5. TELECOM ROOMS AND MAIN COMPUTER ROOMS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
6. ALL TELECOM ROOMS WITH EXISTING QUICK RESPONSE SPRINKLERS SHALL HAVE THE QUICK RESPONSE SPRINKLER HEAD REPLACED WITH STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS.
7. TELECOM ROOMS ARE CONSIDERED ORDINARY HAZARD GROUP 1 FOR SPRINKLER HEAD DENSITY. ANY OTHER HAZARD CLASSIFICATION AND SPRINKLER DENSITY ARE TO BE IN ACCORDANCE WITH NFPA 13 AND VA POLICY.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

KEYNOTES

1. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER.
2. INSTALL REFRIGERANT SENSOR AT A HEIGHT OF NOT MORE THAN 1 FT. ABOVE FINISHED FLOOR.
3. PROVIDE NEW SPRINKLERS. EXTEND NEW SPRINKLER LINE AS REQUIRED FOR NEW HEAD LOCATIONS.
4. INSTALL NEW REFRIGERANT LINES PER MANUFACTURER REQUIREMENTS (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION FOR ALL REFRIGERANT LINES PER SPECIFICATION SECTION 23 07 11. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. PIPE SIZES SHOWN ON PLANS ARE ONLY APPLICABLE TO BASIS OF DESIGN MANUFACTURER.
5. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11.
6. CONDENSATE LINE TO BE CONNECTED TO THE EXISTING SINK SANITARY LINE. SEE "SINK TAILPIECE CONNECTION DETAIL" ON SHEET M-501.
7. PROVIDE WALL OPENING AND PIPE SLEEVE. SEE "PIPE THRU WALL (RATED/UNRATED) DETAIL" ON SHEET M-501.
8. PROVIDE FLOOR OPENING AND PIPE SLEEVE. SEE "PIPE THRU FLOOR DETAIL" ON SHEET M-501.
9. CONTRACTOR TO PROVIDE 20 GAGE METAL SHEET SHROUDING/CLADDING TO COVER REFRIGERANT PIPING. USE LOW PROFILE UNISTRUT FOR REFRIGERANT PIPING. PAINT SHROUD TO MATCH ADJACENT WALL AND COORDINATE COLOR WITH COR.
10. FROM FLOOR ABOVE, FOR CONTINUATION SEE SHEET 011-M-412.
11. TO FLOOR BELOW, FOR CONTINUATION SEE SHEET 011-M-410.
12. DEMOLISH EXISTING WALL MOUNTED SUPPLY DIFFUSER. DEMOLISH EXISTING DUCTWORK AS INDICATED. CAP AND SEAL DUCTWORK.
13. EXISTING QUICK RESPONSE SPRINKLER TO REMAIN.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
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SPEESDESIGNBUILD

STAMP
CHARLES G. HUBBARD
STATE OF WASHINGTON
39485
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 01 - DEMOLITION, FLOOR PLANS & RCPS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Project Number: 671A4-21-700
Building Number: 011
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Drawing Number: 011-M-411
Issue Date: 11/21/2025
Checked: MGH/JW
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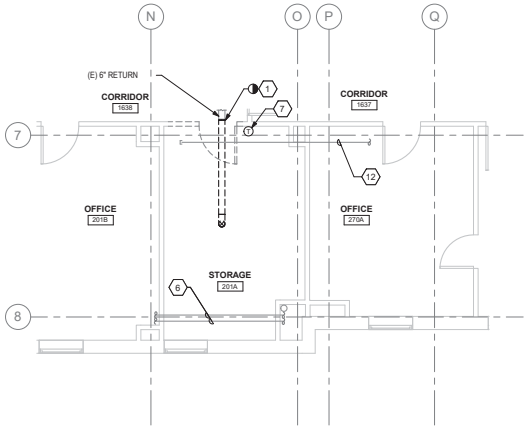
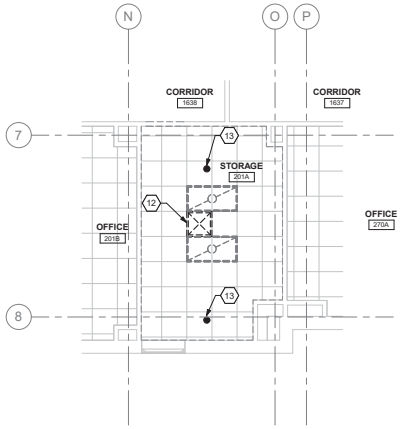
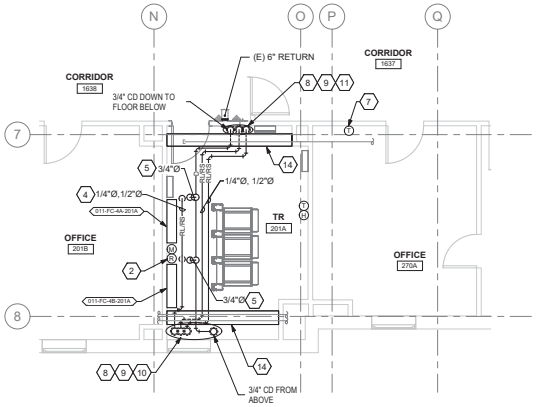


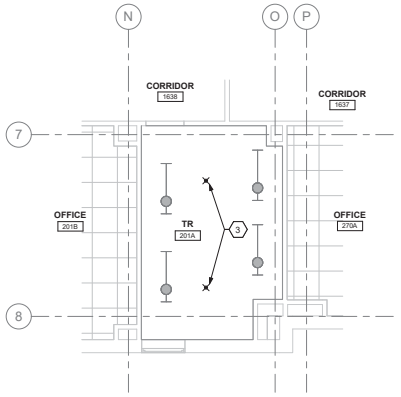
1 RM 201A - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 201A - DEMOLITION RCP
1/4" = 1'-0"



3 RM 201A - FLOOR PLAN
1/4" = 1'-0"



4 RM 201A - RCP
1/4" = 1'-0"

GENERAL NOTES

1. FOR THE PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.

DEMOLITION GENERAL NOTES

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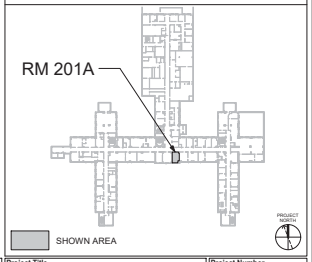
FIRE PROTECTION NOTES

1. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
2. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
3. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
5. TELECOM ROOMS AND MAIN COMPUTER ROOMS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
6. ALL TELECOM ROOMS WITH EXISTING QUICK RESPONSE SPRINKLERS SHALL HAVE THE QUICK RESPONSE SPRINKLER HEAD REPLACED WITH STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS.
7. TELECOM ROOMS ARE CONSIDERED ORDINARY HAZARD GROUP 1 FOR SPRINKLER HEAD DENSITY. ANY OTHER HAZARD CLASSIFICATION AND SPRINKLER DENSITY ARE TO BE IN ACCORDANCE WITH NFPA 13 AND VA POLICY.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

KEYNOTES

1. DEMOLISH EXISTING DUCTWORK AND ASSOCIATED GRILLE AS INDICATED. CAP AND SEAL DUCTWORK.
2. INSTALL REFRIGERANT SENSOR AT A HEIGHT OF NOT MORE THAN 1 FT. ABOVE FINISHED FLOOR.
3. PROVIDE NEW SPRINKLERS. EXTEND NEW SPRINKLER LINE AS REQUIRED FOR NEW HEAD LOCATIONS.
4. INSTALL NEW REFRIGERANT LINES PER MANUFACTURER REQUIREMENTS (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION FOR ALL REFRIGERANT LINES PER SPECIFICATION SECTION 23 07 11. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. PIPE SIZES SHOWN ON PLANS ARE ONLY APPLICABLE TO BASIS OF DESIGN MANUFACTURER.
5. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11.
6. EXISTING STEAM PIPING TO REMAIN.
7. REMOVE AND RETAIN EXISTING THERMOSTAT TO BE RELOCATED. COORDINATE WITH NEW WORK PLAN FOR NEW LOCATION.
8. PROVIDE FLOOR OPENING AND PIPE SLEEVE. SEE "PIPE THRU FLOOR DETAIL" ON SHEET M-501.
9. CONTRACTOR TO PROVIDE 20 GAGE METAL SHEET SHROUDING/CLADDING TO COVER REFRIGERANT PIPING. USE LOW PROFILE UNISTRUT FOR REFRIGERANT PIPING. PAINT SHROUD TO MATCH ADJACENT WALL AND COORDINATE COLOR WITH COR.
10. FROM FLOOR ABOVE, FOR CONTINUATION SEE SHEET 011-M-413.
11. TO FLOOR BELOW, FOR CONTINUATION SEE SHEET 011-M-411.
12. EXISTING WASTE LINE TO REMAIN.
13. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER.
14. PROVIDE DRIP PAN WITH MOISTURE SENSOR FOR EXISTING OVERHEAD PIPING.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 02 - DEMOLITION, FLOOR PLANS & RCPS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Project Number: 671A4-21-700

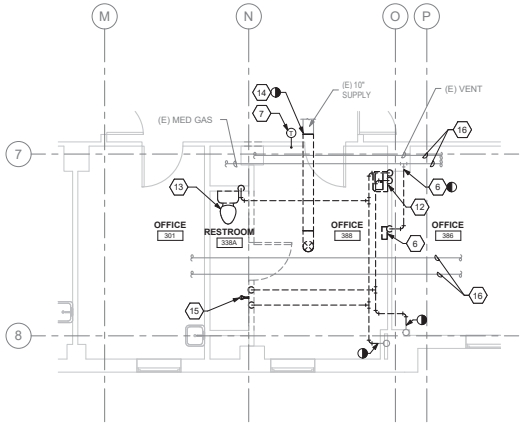
Building Number: 011

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

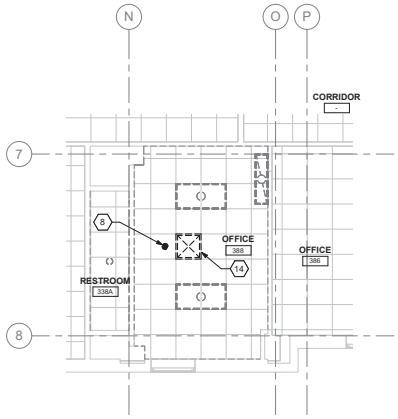
Drawing Number: 011-M-412

Issue Date: 11/21/2025 | Checked: MGH/JW | Drawn: KGC/YRQ/EC

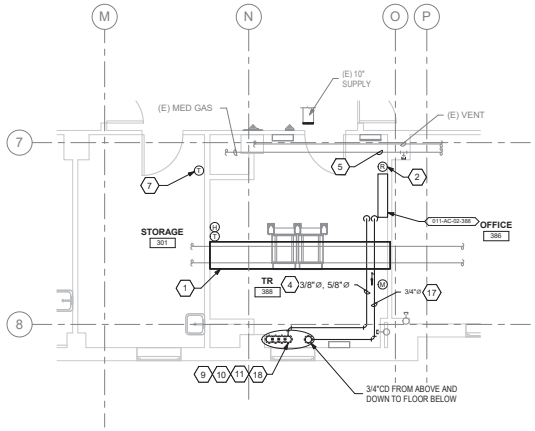
VA FORM 08 - 6231
1/14/2026 3:35:59 PM
Autodesk Docs://671A4-21-700/VATX Kerrville/EHRM/VATX_11_ME_SDB.rvt



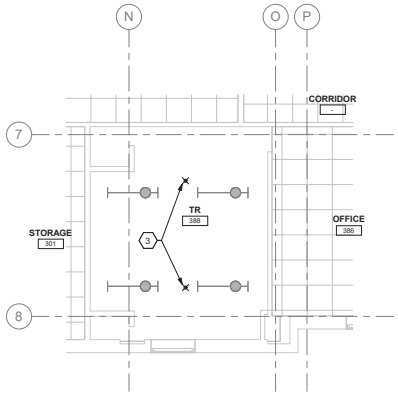
1 RM 388 & RM 388A - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 388 & RM 388A - DEMOLITION RCP
1/4" = 1'-0"



3 RM 388 - FLOOR PLAN
1/4" = 1'-0"



4 RM 388 - RCP
1/4" = 1'-0"

FIRE PROTECTION NOTES

1. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
2. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
3. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
5. TELECOM ROOMS AND DATA CENTERS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
6. ALL TELECOM ROOMS WITH EXISTING QUICK RESPONSE SPRINKLERS SHALL HAVE THE QUICK RESPONSE SPRINKLER HEAD REPLACED WITH STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS.
7. TELECOM ROOMS ARE CONSIDERED ORDINARY HAZARD GROUP 1 FOR SPRINKLER HEAD DENSITY. ANY OTHER HAZARD CLASSIFICATION AND SPRINKLER DENSITY ARE TO BE IN ACCORDANCE WITH NFPA 13 AND VA POLICY.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

GENERAL NOTES

1. FOR THE PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.

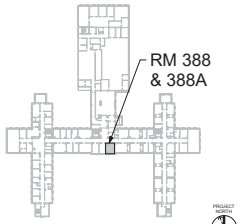
DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

KEYNOTES

1. PROVIDE DRIP PAN WITH MOISTURE SENSOR FOR EXISTING OVERHEAD PIPING.
2. INSTALL REFRIGERANT SENSOR AT A HEIGHT OF NOT MORE THAN 1 FT. ABOVE FINISHED FLOOR.
3. PROVIDE NEW SPRINKLERS. EXTEND NEW SPRINKLER LINE AS REQUIRED FOR NEW HEAD LOCATIONS.
4. INSTALL NEW REFRIGERANT LINES PER MANUFACTURER REQUIREMENTS (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION FOR ALL REFRIGERANT LINES PER SPECIFICATION SECTION 23 07 11. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. PIPE SIZES SHOWN ON PLANS ARE ONLY APPLICABLE TO BASIS OF DESIGN MANUFACTURER.
5. REMAINING MED GAS PIPING SYSTEMS TO BE RE-CERTIFIED BY THIRD PARTY TESTING AGENCY.
6. DEMOLISH EXISTING MEDICAL GAS OUTLET AND PIPING BY CERTIFIED GAS PLUMBER. CAP AND SEAL PIPE.
7. REMOVE EXISTING THERMOSTAT TO BE RELOCATED. COORDINATE WITH NEW WORK PLAN FOR NEW LOCATION.
8. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER.
9. CONTRACTOR TO PROVIDE 20 GAGE METAL SHEET SHROUDING/CLADDING TO COVER REFRIGERANT PIPING. USE LOW PROFILE UNISTRUT FOR REFRIGERANT PIPING. PAINT SHROUD TO MATCH ADJACENT WALL AND COORDINATE COLOR WITH COR.
10. FROM FLOOR ABOVE, FOR CONTINUATION SEE 011-M-414.
11. TO FLOOR BELOW, FOR CONTINUATION SEE 011-M-412.
12. DEMOLISH SINK, INCLUDING SANITARY, VENT AND WATER SUPPLIES. CAP SANITARY AND VENT PIPING IN CONCEALED SPACE. DEMOLISH HOT AND COLD WATER SUPPLIES BACK TO MAIN. CAP WITHIN TWO PIPE DIAMETERS FROM MAIN.
13. DEMOLISH WATER CLOSET, INCLUDING SANITARY, VENT AND WATER SUPPLIES. CAP SANITARY AND VENT PIPING IN CONCEALED SPACE. DEMOLISH COLD WATER SUPPLIES BACK TO MAIN, CAP WITHIN TWO PIPE DIAMETERS FROM MAIN.
14. DEMOLISH CEILING SUPPLY DIFFUSER. DEMOLISH BRANCH DUCTWORK AS INDICATED. CAP AND SEAL.
15. DEMOLISH SHOWER AND DRAIN, INCLUDING SANITARY, VENT AND WATER SUPPLIES. CAP SANITARY AND VENT PIPING IN CONCEALED SPACE. DEMOLISH HOT AND COLD WATER SUPPLIES BACK TO MAIN, CAP WITHIN TWO PIPE DIAMETERS FROM MAIN.
16. EXISTING HEATING WATER SUPPLY AND RETUNR PIPING TO REMAIN.
17. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11.
18. PROVIDE FLOOR OPENING AND PIPE SLEEVE. SEE "PIPE THRU FLOOR DETAIL" ON SHEET M-501.

KEY PLAN



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CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 03 - DEMOLITION, FLOOR PLANS & RCPS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC
Project Number: 671A4-21-700
Building Number: 011
Drawing Number: 011-M-413

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VATX Kerrville
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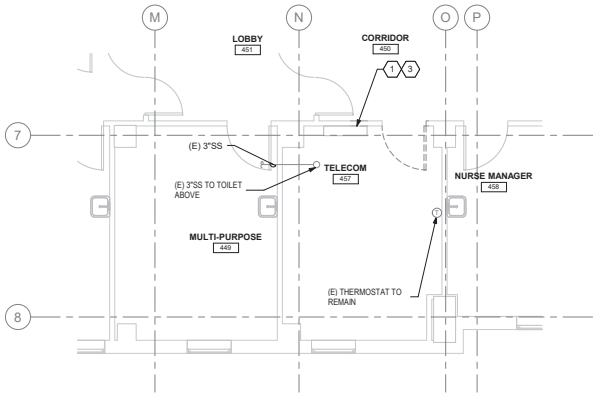
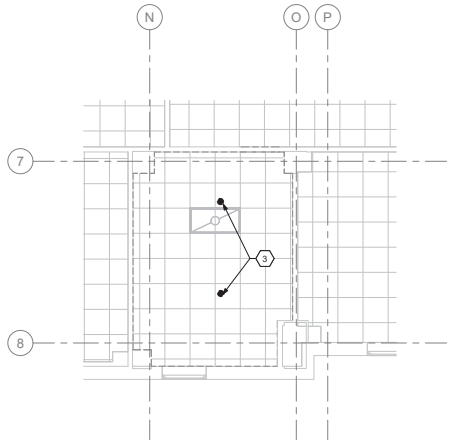
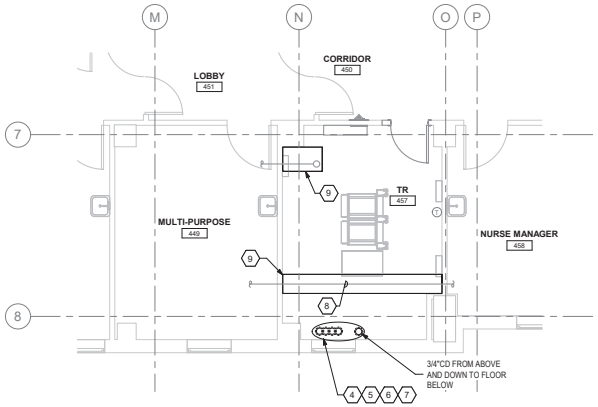


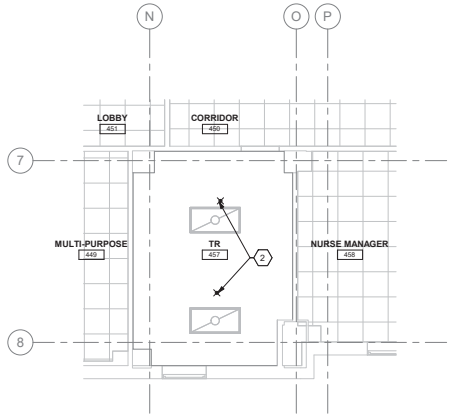
1 RM 457 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 457 - DEMOLITION RCP
1/4" = 1'-0"



3 RM 457- FLOOR PLAN
1/4" = 1'-0"



4 RM 457 - RCP PLAN
1/4" = 1'-0"

GENERAL NOTES

1. FOR THE PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.

DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

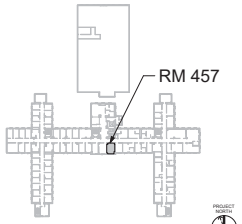
FIRE PROTECTION NOTES

1. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
2. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
3. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
5. TELECOM ROOMS AND MAIN COMPUTER ROOMS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
6. ALL TELECOM ROOMS WITH EXISTING QUICK RESPONSE SPRINKLERS SHALL HAVE THE QUICK RESPONSE SPRINKLER HEAD REPLACED WITH STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS.
7. TELECOM ROOMS ARE CONSIDERED ORDINARY HAZARD GROUP 1 FOR SPRINKLER HEAD DENSITY. ANY OTHER HAZARD CLASSIFICATION AND SPRINKLER DENSITY ARE TO BE IN ACCORDANCE WITH NFPA 13 AND VA POLICY.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

KEYNOTES

1. EXISTING MINI-SPLIT, REFRIGERANT LINES, AND CONDENSATE LINE CONNECTED TO THE EXISTING SINK SANITARY LINE TO REMAIN.
2. PROVIDE NEW SPRINKLERS. EXTEND NEW SPRINKLER LINE AS REQUIRED FOR NEW HEAD LOCATIONS.
3. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER.
4. TO FLOOR BELOW, FOR CONTINUATION SEE SHEET 011-M-413.
5. PROVIDE FLOOR OPENING AND PIPE SLEEVE. SEE "PIPE THRU FLOOR DETAIL" ON SHEET M-501.
6. CONTRACTOR TO PROVIDE 20 GAGE METAL SHEET SHROUDING/CLADDING TO COVER REFRIGERANT PIPING. USE LOW PROFILE UNISTRUT FOR REFRIGERANT PIPING. PAINT SHROUD TO MATCH ADJACENT WALL AND COORDINATE COLOR WITH COR.
7. FROM FLOOR ABOVE, FOR CONTINUATION SEE SHEET 011-M-415.
8. EXISTING WASTE PIPING TO REMAIN.
9. PROVIDE DRIP PAN WITH MOISTURE SENSOR FOR EXISTING OVERHEAD PIPING.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 04 - DEMOLITION, FLOOR PLANS & RCPS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Project Number: 671A4-21-700
Building Number: 011
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Drawing Number: 011-M-414
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC

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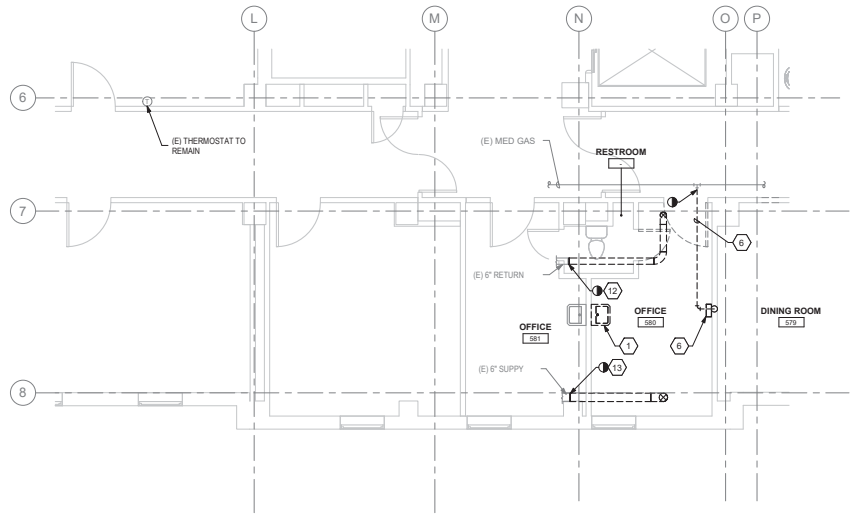
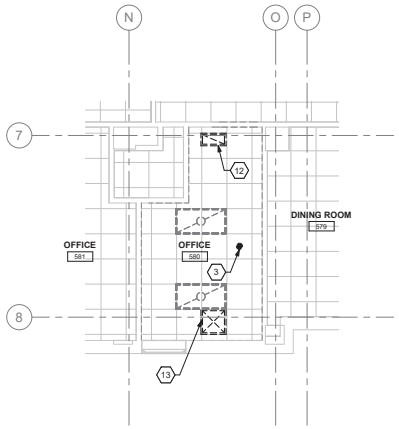
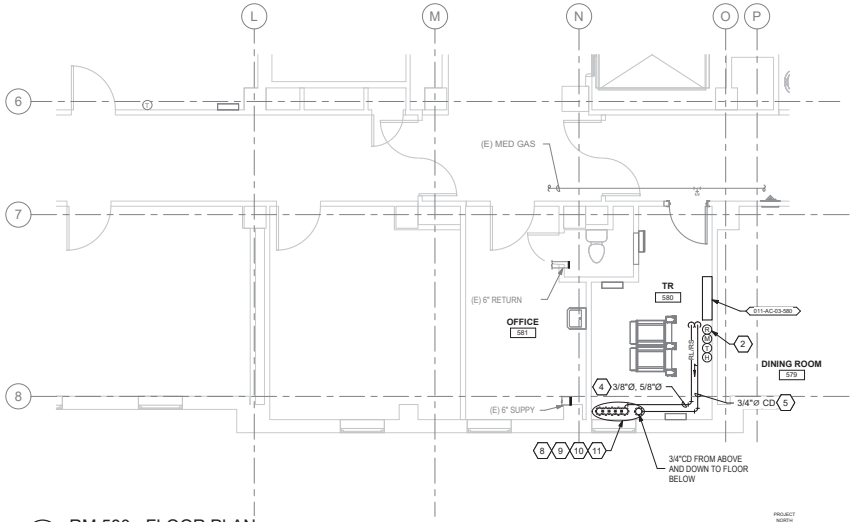


1 RM 580 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 580 - DEMOLITION RCP
1/4" = 1'-0"



3 RM 580 - FLOOR PLAN
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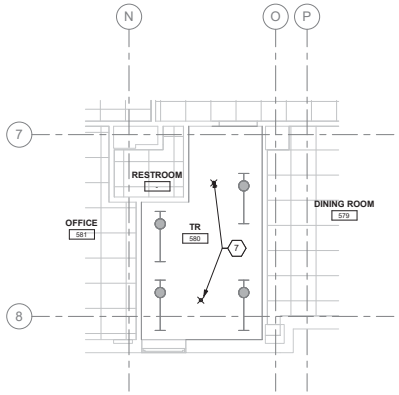

4 RM 580 - RCP
1/4" = 1'-0"

GENERAL NOTES

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3. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.

DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

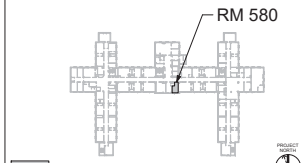
FIRE PROTECTION NOTES

1. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
2. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
3. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
5. TELECOM ROOMS AND MAIN COMPUTER ROOMS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
6. ALL TELECOM ROOMS WITH EXISTING QUICK RESPONSE SPRINKLERS SHALL HAVE THE QUICK RESPONSE SPRINKLER HEAD REPLACED WITH STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS.
7. TELECOM ROOMS ARE CONSIDERED ORDINARY HAZARD GROUP 1 FOR SPRINKLER HEAD DENSITY. ANY OTHER HAZARD CLASSIFICATION AND SPRINKLER DENSITY ARE TO BE IN ACCORDANCE WITH NFPA 13 AND VA POLICY.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

KEYNOTES

1. DEMOLISH SINK, INCLUDING SANITARY, VENT AND WATER SUPPLIES. CAP SANITARY AND VENT PIPING IN CONCEALED SPACE. DEMOLISH HOT AND COLD WATER SUPPLIES BACK TO MAIN, CAP WITHIN TWO PIPE DIAMETERS FROM MAIN.
2. INSTALL REFRIGERANT SENSOR AT A HEIGHT OF NOT MORE THAN 1 FT. ABOVE FINISHED FLOOR.
3. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER.
4. INSTALL NEW REFRIGERANT LINES PER MANUFACTURER REQUIREMENTS (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION FOR ALL REFRIGERANT LINES PER SPECIFICATION SECTION 23 07 11. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. PIPE SIZES SHOWN ON PLANS ARE ONLY APPLICABLE TO BASIS OF DESIGN MANUFACTURER.
5. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11.
6. DEMOLISH EXISTING MEDICAL GAS OUTLET AND PIPING BY CERTIFIED GAS PLUMBER. CAP AND SEAL PIPE. REMAINING MED GAS PIPING SYSTEMS TO BE RE-CERTIFIED BY THIRD PARTY TESTING AGENCY.
7. PROVIDE NEW SPRINKLERS. EXTEND NEW SPRINKLER LINE AS REQUIRED FOR NEW HEAD LOCATIONS.
8. PROVIDE FLOOR OPENING AND PIPE SLEEVE. SEE "PIPE THRU FLOOR DETAIL" ON SHEET M-501.
9. CONTRACTOR TO PROVIDE 20 GAGE METAL SHEET SHROUDING/CLADDING TO COVER REFRIGERANT PIPING. USE LOW PROFILE UNISTRUT FOR REFRIGERANT PIPING. PAINT SHROUD TO MATCH ADJACENT WALL AND COORDINATE COLOR WITH COR.
10. FROM FLOOR ABOVE, FOR CONTINUATION SEE SHEET 011-M-416.
11. TO FLOOR BELOW, FOR CONTINUATION SEE SHEET 011-M-414.
12. DEMOLISH EXISTING CEILING RETURN GRILLE. DEMOLISH ASSOCIATED BRANCH DUCTWORK AS INDICATED. CAP AND SEAL DUCTWORK.
13. DEMOLISH EXISTING CEILING SUPPLY DIFFUSER. DEMOLISH ASSOCIATED BRANCH DUCTWORK AS INDICATED. CAP AND SEAL DUCTWORK.

KEY PLAN



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KENT, WA 98032

STAMP
MICHAEL G. HUBBARD
STATE OF WASHINGTON
39485
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 05 - DEMOLITION, FLOOR PLANS & RCPS
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128 of 339

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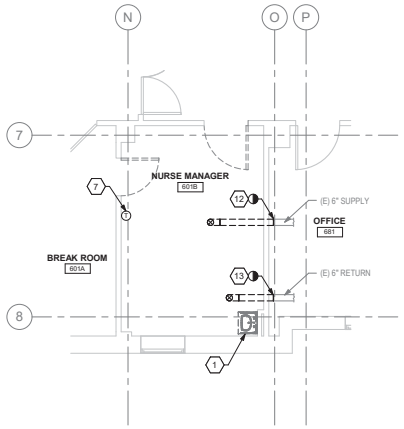
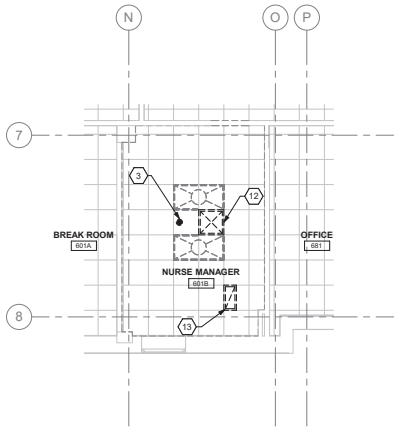
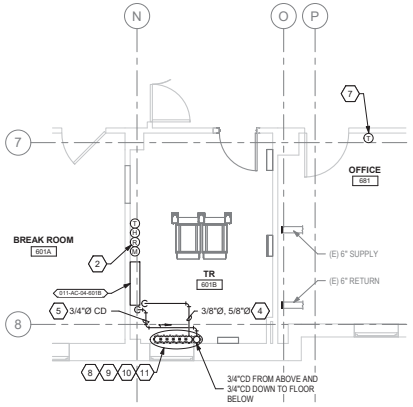
VATX Kerrville
EHRM/VATX_11_ME_SDB.rvt



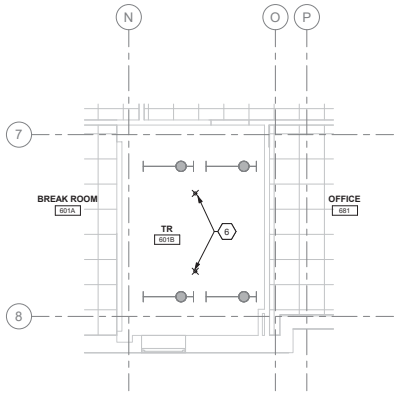
1 RM 601B - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 601B - DEMOLITION RCP
1/4" = 1'-0"



3 RM 601B - FLOOR PLAN
1/4" = 1'-0"



4 RM 601B - RCP
1/4" = 1'-0"

GENERAL NOTES

1. FOR THE PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.

DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

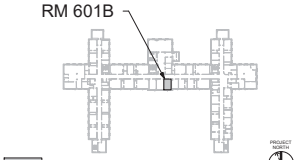
FIRE PROTECTION NOTES

1. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
2. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
3. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
5. TELECOM ROOMS AND MAIN COMPUTER ROOMS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
6. ALL TELECOM ROOMS WITH EXISTING QUICK RESPONSE SPRINKLERS SHALL HAVE THE QUICK RESPONSE SPRINKLER HEAD REPLACED WITH STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS.
7. TELECOM ROOMS ARE CONSIDERED ORDINARY HAZARD GROUP 1 FOR SPRINKLER HEAD DENSITY. ANY OTHER HAZARD CLASSIFICATION AND SPRINKLER DENSITY ARE TO BE IN ACCORDANCE WITH NFPA 13 AND VA POLICY.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

KEYNOTES

1. DEMOLISH SINK, INCLUDING SANITARY, VENT AND WATER SUPPLIES. CAP SANITARY AND VENT PIPING IN CONCEALED SPACE. DEMOLISH HOT AND COLD WATER SUPPLIES BACK TO MAIN, CAP WITHIN TWO PIPE DIAMETERS.
2. INSTALL REFRIGERANT SENSOR AT A HEIGHT OF NOT MORE THAN 1 FT. ABOVE FINISHED FLOOR.
3. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER.
4. INSTALL NEW REFRIGERANT LINES PER MANUFACTURER REQUIREMENTS (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION FOR ALL REFRIGERANT LINES PER SPECIFICATION SECTION 23 07 11. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. PIPE SIZES SHOWN ON PLANS ARE ONLY APPLICABLE TO BASIS OF DESIGN MANUFACTURER.
5. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11.
6. PROVIDE NEW SPRINKLERS. EXTEND NEW SPRINKLER LINE AS REQUIRED FOR NEW HEAD LOCATIONS.
7. REMOVE EXISTING THERMOSTAT TO BE RELOCATED. COORDINATE WITH NEW WORK PLAN FOR NEW LOCATION.
8. PROVIDE FLOOR OPENING AND PIPE SLEEVE. SEE "PIPE THRU FLOOR DETAIL" ON SHEET M-501.
9. CONTRACTOR TO PROVIDE 20 GAGE METAL SHEET SHROUDING/CLADDING TO COVER REFRIGERANT PIPING. USE LOW PROFILE UNISTRUT FOR REFRIGERANT PIPING. PAINT SHROUD TO MATCH ADJACENT WALL AND COORDINATE COLOR WITH COR.
10. FROM FLOOR ABOVE, FOR CONTINUATION SEE SHEET 011-M-417.
11. TO FLOOR BELOW, FOR CONTINUATION SEE SHEET 011-M-415.
12. DEMOLISH EXISTING CEILING SUPPLY DIFFUSER. DEMOLISH BRANCH DUCTWORK BACK TO SUPPLY DIFFUSER IN OFFICE. CAP AND SEAL DUCTWORK.
13. DEMOLISH EXISTING CEILING RETURN GRILLE. DEMOLISH BRANCH DUCTWORK BACK TO RETURN GRILLED IN OFFICE. CAP AND SEAL DUCTWORK.

KEY PLAN



SHOWN AREA

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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SPEESDESIGNBUILD

STAMP
CARL G. HUBBARD
STATE OF WASHINGTON
39485
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 06 - DEMOLITION, FLOOR PLANS & RCPS
Approved:

Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Project Number: 671A4-21-700
Building Number: 011
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Drawing Number: 011-M-416
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC
129 of 339

VA FORM 08 - 6231
1/14/2026 3:36:12 PM
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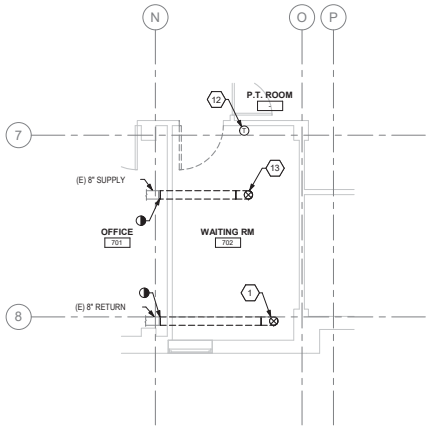
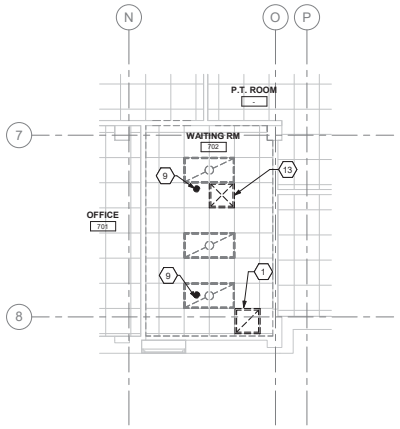
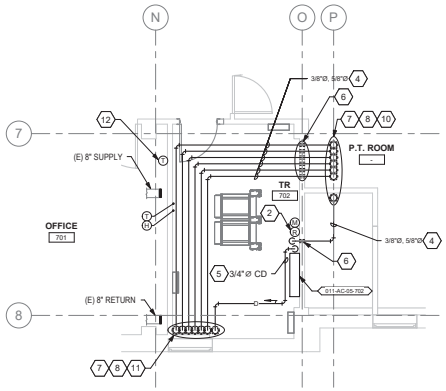


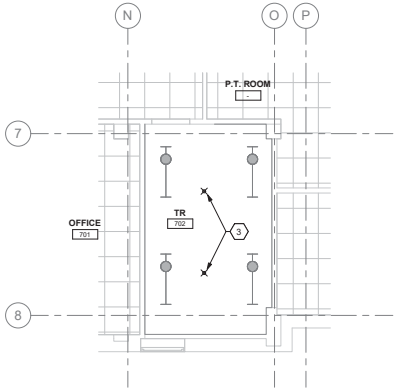
1 RM 702 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 702 - DEMOLITION RCP
1/4" = 1'-0"



3 RM 702 - FLOOR PLAN
1/4" = 1'-0"



4 RM 702 - RCP
1/4" = 1'-0"

GENERAL NOTES

1. FOR THE PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.

DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

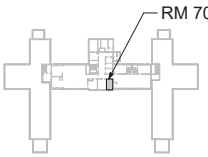
FIRE PROTECTION NOTES

1. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
2. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
3. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
5. TELECOM ROOMS AND MAIN COMPUTER ROOMS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
6. ALL TELECOM ROOMS WITH EXISTING QUICK RESPONSE SPRINKLERS SHALL HAVE THE QUICK RESPONSE SPRINKLER HEAD REPLACED WITH STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS.
7. TELECOM ROOMS ARE CONSIDERED ORDINARY HAZARD GROUP 1 FOR SPRINKLER HEAD DENSITY. ANY OTHER HAZARD CLASSIFICATION AND SPRINKLER DENSITY ARE TO BE IN ACCORDANCE WITH NFPA 13 AND VA POLICY.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

KEYNOTES

1. DEMOLISH EXISTING CEILING RETURN GRILLE. DEMOLISH BRANCH DUCTWORK AS INDICATED. CAP AND SEAL DUCTWORK.
2. INSTALL REFRIGERANT SENSOR AT A HEIGHT OF NOT MORE THAN 1 FT. ABOVE FINISHED FLOOR.
3. PROVIDE NEW SPRINKLERS. EXTEND NEW SPRINKLER LINE AS REQUIRED FOR NEW HEAD LOCATIONS.
4. INSTALL NEW REFRIGERANT LINES PER MANUFACTURER REQUIREMENTS (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION FOR ALL REFRIGERANT LINES PER SPECIFICATION SECTION 23 07 11. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. PIPE SIZES SHOWN ON PLANS ARE ONLY APPLICABLE TO BASIS OF DESIGN MANUFACTURER.
5. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11.
6. PROVIDE WALL OPENING AND PIPE SLEEVE. SEE "PIPE THRU WALL (RATED/UNRATED) DETAIL" ON SHEET M-501.
7. PROVIDE FLOOR OPENING AND PIPE SLEEVE. SEE "PIPE THRU FLOOR DETAIL" ON SHEET M-501.
8. CONTRACTOR TO PROVIDE 20 GAGE METAL SHEET SHROUDING/CLADDING TO COVER REFRIGERANT PIPING. USE LOW PROFILE UNISTRUT FOR REFRIGERANT PIPING. PAINT SHROUD TO MATCH ADJACENT WALL AND COORDINATE COLOR WITH COR.
9. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER.
10. FROM ROOF ABOVE, FOR CONTINUATION SEE SHEET 011-M-418.
11. TO FLOOR BELOW, FOR CONTINUATION SEE SHEET 011-M-416.
12. REMOVE EXISTING THERMOSTAT TO BE RELOCATED. COORDINATE WITH NEW WORK PLAN FOR NEW LOCATION.
13. DEMOLISH EXISTING CEILING SUPPLY DIFFUSER. DEMOLISH BRANCH DUCTWORK AS INDICATED. CAP AND SEAL DUCTWORK.

KEY PLAN



SHOWN AREA

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032
SPEESDESIGNBUILD

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CHAEL G. HUBBARD
STATE OF WASHINGTON
39485
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - LVL - 07 - DEMOLITION, FLOOR PLANS & RCPS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Project Number: 671A4-21-700
Building Number: 011
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Drawing Number: 011-M-417
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC
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Autodesk Docs://671A4-21-700/VATX Kerrville/EHRM/VATX_11_ME_SDB.rvt

GENERAL NOTES

1. FOR THE PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
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4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.

FIRE PROTECTION NOTES

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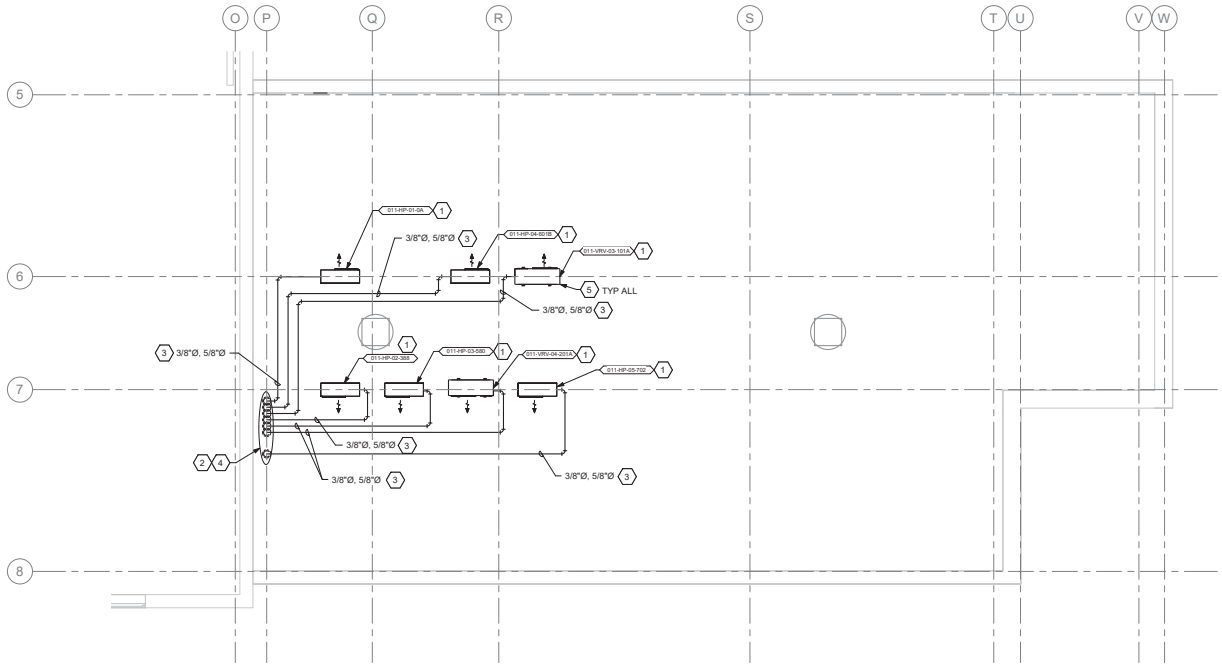
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

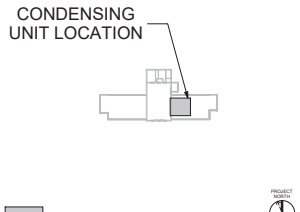
KEYNOTES

1. SEE "CONDENSING UNIT ROOF MOUNT SUPPORT DETAIL" ON SHEET M-501.
2. PROVIDE ROOF OPENING AND PIPE SLEEVE.
3. SEE "PIPE ROOF MOUNTING DETAIL" ON SHEET M-501.
4. TO FLOOR BELOW, FOR CONTINUATION SEE SHEET 011-M-417.
5. MAINTAIN MIN 24" CLEARANCE SIDE TO SIDE BETWEEN UNITS .



1 BUILDING 011 - ROOF PLAN
1/4" = 1'-0"

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
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ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 011 - ROOF PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Project Number: 671A4-21-700
Building Number: 011
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Drawing Number: 011-M-418
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC
131 of 339

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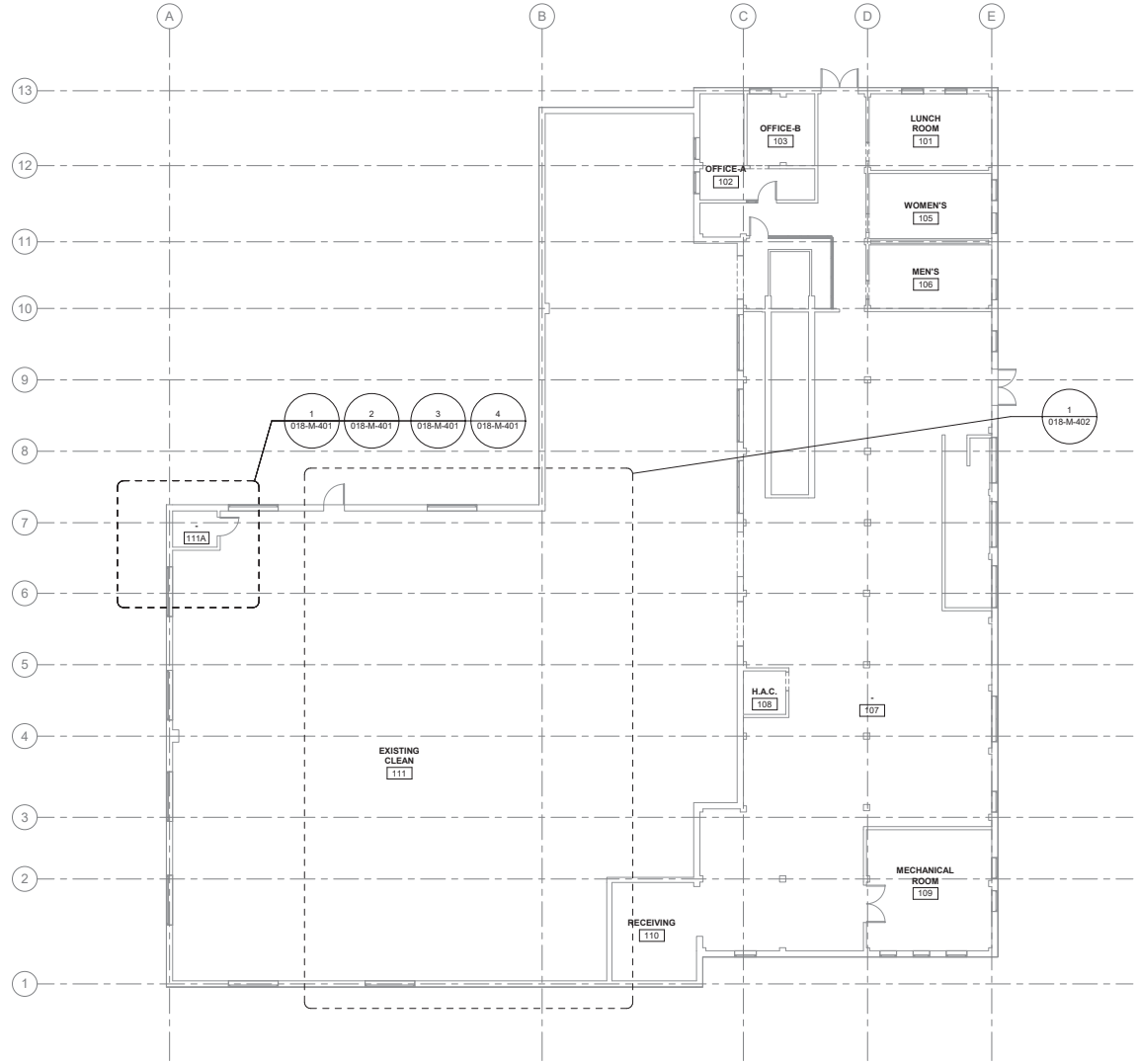
VATX Kerrville
EHRM/VATX_11_ME_SDB.rvt



1 LEVEL 01 - OVERALL PLAN

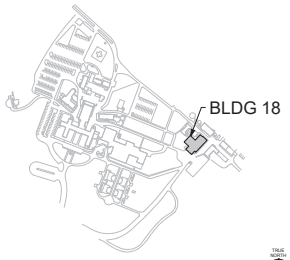
1/8" = 1'-0"

PROJECT NORTH

GENERAL NOTES

N/A

SITE PLAN



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DISCIPLINE:
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SPEES DESIGN BUILD
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PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BLDG - 018 - LVL - 01 - OVERALL PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location	Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date	11/21/2025
Checked	MGH/JW
Drawn	KGC/YRQ/EC
Project Number	671A4-21-700
Building Number	018
Drawing Number	018-M-101
	132 of 339

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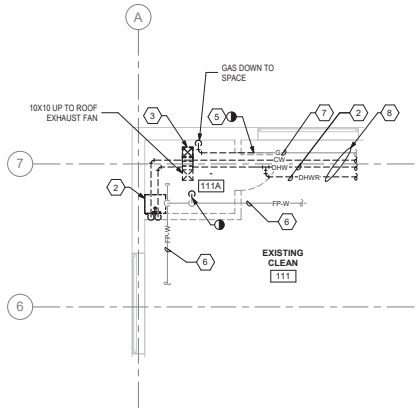
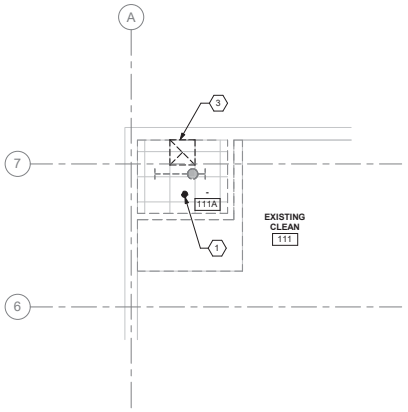
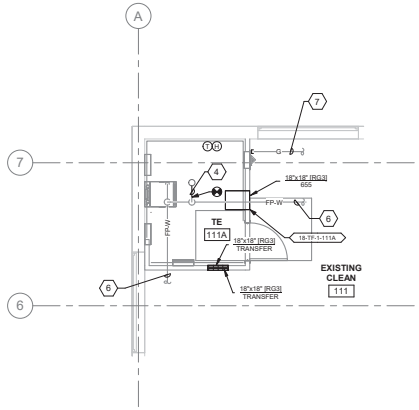
EHRM/VATX_18_ME_SDB.rvt



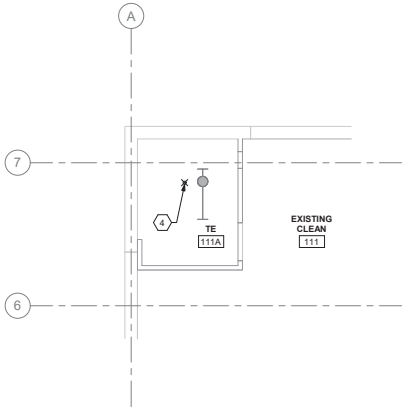
1 RM 111A - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 111A - DEMOLITION RCP
1/4" = 1'-0"



3 RM 111A - FLOOR PLAN
1/4" = 1'-0"



4 RM 111A - RCP
1/4" = 1'-0"

GENERAL NOTES

1. ALL PIPING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
3. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.

DEMOLITION GENERAL NOTES

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4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
5. TELECOM ROOMS AND DATA CENTERS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
6. ALL TELECOM ROOMS WITH EXISTING QUICK RESPONSE SPRINKLERS SHALL HAVE THE QUICK RESPONSE SPRINKLER HEAD REPLACED WITH STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS.
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8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

KEYNOTES

1. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER.
2. DEMOLISH MOP SINK AND MOP SINK FAUCET INCLUDING SANITARY AND VENT LINE. CUT/PATCH CONCRETE AS REQUIRED TO DEMOLISH AND TO DEMOLISH AND CAP DRAIN BELOW SLAB. DEMOLISH HOT AND COLD WATER SUPPLIES BACK TO MAIN, CAP WITHIN TWO PIPE DIAMETERS FROM MAIN.
3. DEMOLISH CEILING EXHAUST GRILLE, ASSOCIATED DUCTWORK, AND ROOF EXHAUST FAN. ROOF CURB TO REMAIN. CAP, SEAL, AND INSULATE ROOF PENETRATION TO MAINTAIN WEATHERPROOF AND THERMAL INTEGRITY.
4. PROVIDE FM APPROVED UPRIGHT, STANDARD RESPONSE SPRINKLERS WITH FUSIBLE LINKS. PROVIDE LISTED MECHANICAL GUARDS. EXTEND NEW SPRINKLER LINE AS REQUIRED FOR NEW HEAD LOCATIONS.
5. DEMOLISH EXISTING NATURAL GAS PIPE AND CAP.
6. EXISTING FIRE PROTECTION PIPE TO REMAIN.
7. EXISTING NATURAL GAS PIPE TO REMAIN.

KEY PLAN

SHOWN AREA

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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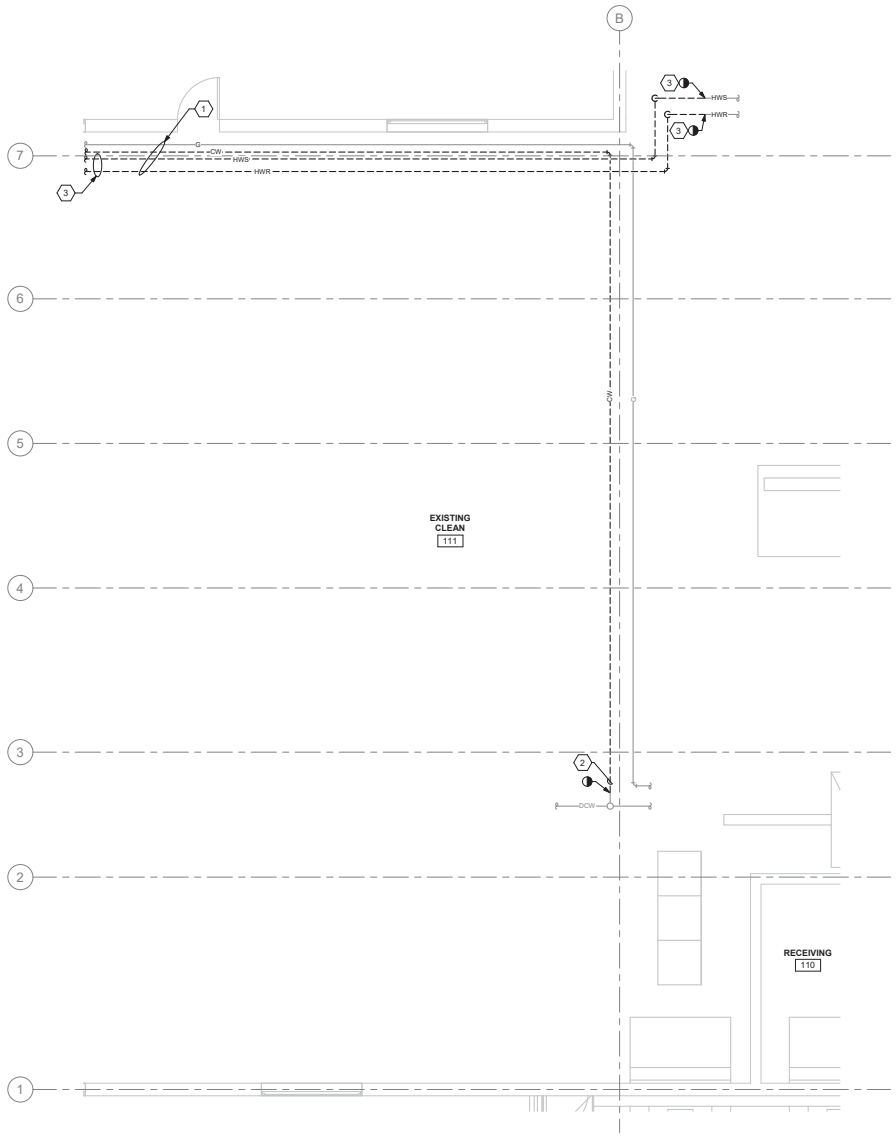
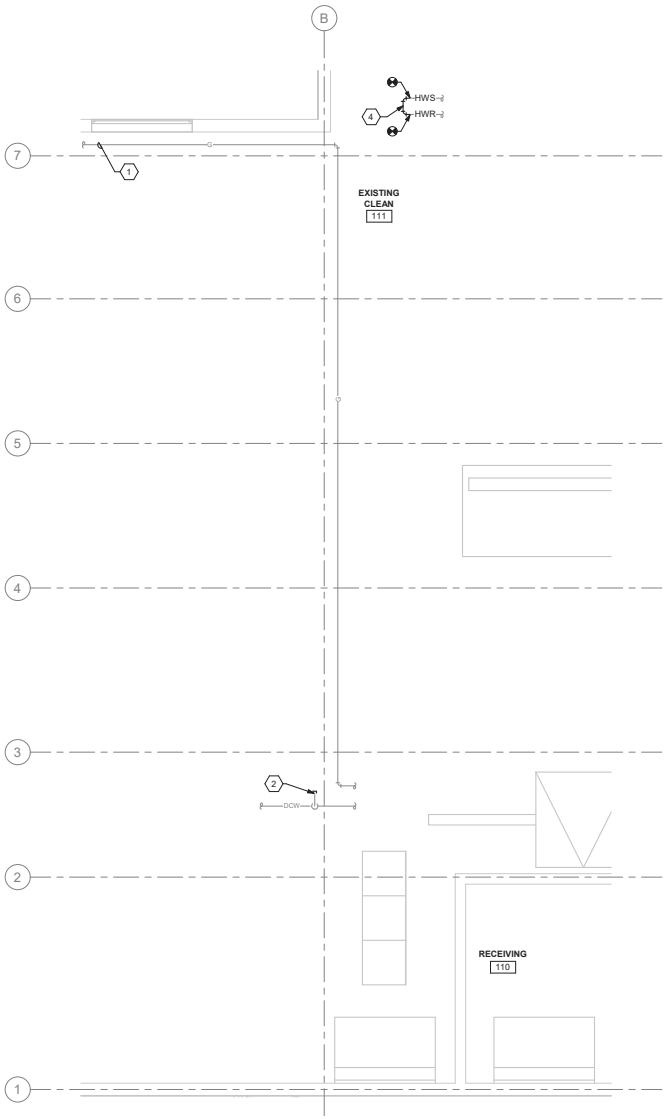
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 018 - LVL - 01 - DEMOLITION, FLOOR PLANS & RCPS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC
Project Number: 671A4-21-700
Building Number: 018
Drawing Number: 018-M-401
133 of 339

VA FORM 08 - 6231
11/19/2025 10:59:31 AM
Autodesk Docs://671A4-21-700
VATX Kerrville
EHRM/VATX_18_ME_SDB.rvt



1 RM 111 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 111 - FLOOR PLAN
1/4" = 1'-0"

GENERAL NOTES

1. ALL PIPING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. NEW WORK SHOWN DARK, EXISTING WORK SHOWN LIGHT.
3. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
4. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.
5. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
6. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

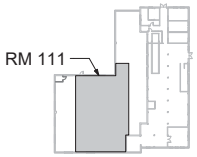
DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

KEYNOTES

1. FOR CONTINUATION, SEE VIEW 1 OF SHEET 018-M-401.
2. DEMOLISH DOMESTIC COLD WATER TO MAIN, CAP WITHIN 2 PIPE DIAMETERS OF MAIN.
3. DEMOLISH DOMESTIC HOT WATER SUPPLY AND RETURN AS INDICATED.
4. RECONNECT HOT WATER SUPPLY AND RETURN PIPE LINES TO REMAIN.

KEY PLAN



SHOWN AREA

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
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KENT, WA 98032
SPEESDESIGNBUILD

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CHARLES G. HUBBARD
STATE OF WASHINGTON
39485
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 018 - LVL - 01 - DEMOLITION & FLOOR PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Project Number: 671A4-21-700
Building Number: 018
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Drawing Number: 018-M-402
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC
134 of 339

VA FORM 08 - 6231
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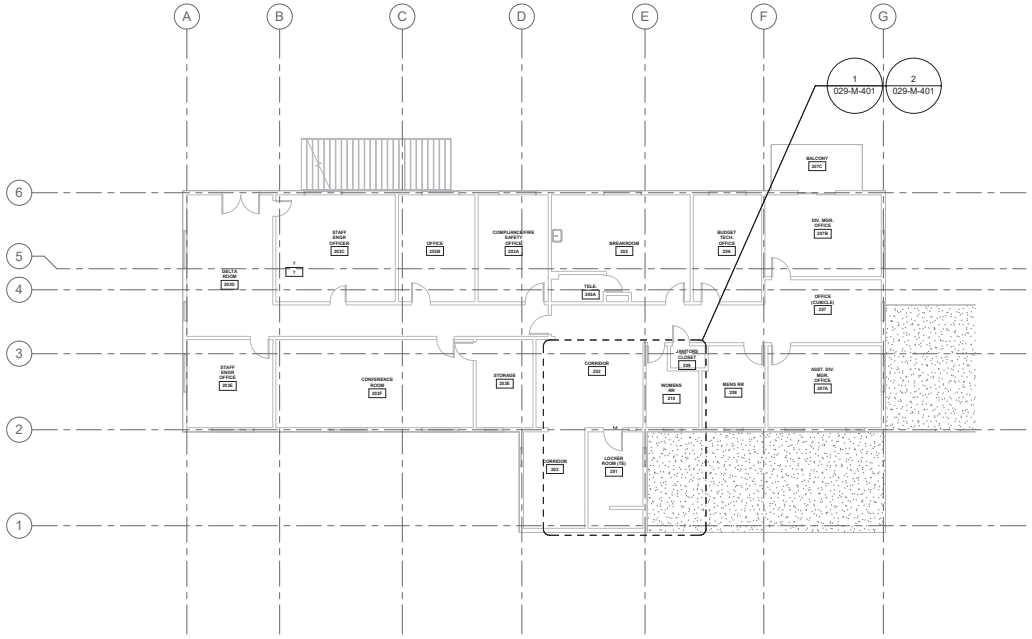
VATX Kerrville
EHRM/VATX_18_ME_SDB.rvt



1 LEVEL 02 - OVERALL PLAN

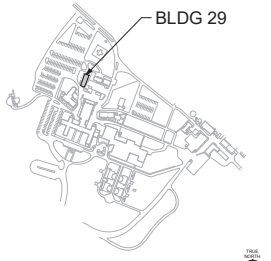
1/8" = 1'-0"

PROJECT NORTH

GENERAL NOTES

N/A

SITE PLAN



SHOWN AREA

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:
MECHANICAL ENGINEERING

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KENT, WA 98032

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STATE OF WASHINGTON
39485
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
BLDG - 029 - LVL - 02 - OVERALL PLAN

Approved:

Phase
100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
EHRM Infrastructure Upgrades - Kerrville (South Texas)

Location
Kerrville VA Medical Center
3600, Memorial Blvd, Kerrville, Texas 78208

Issue Date 11/21/2025
Checked MGH/JW
Drawn KGC/YRQ/EC

Project Number 671A4-21-700
Building Number 029
Drawing Number 029-M-101

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11/19/2025 11:01:45 AM

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VATX Kerrville
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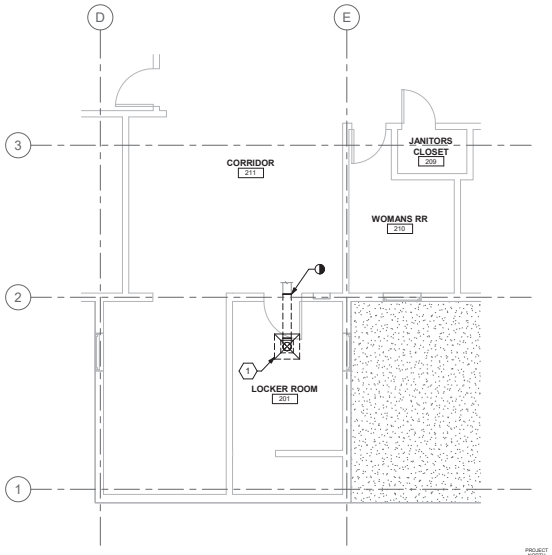
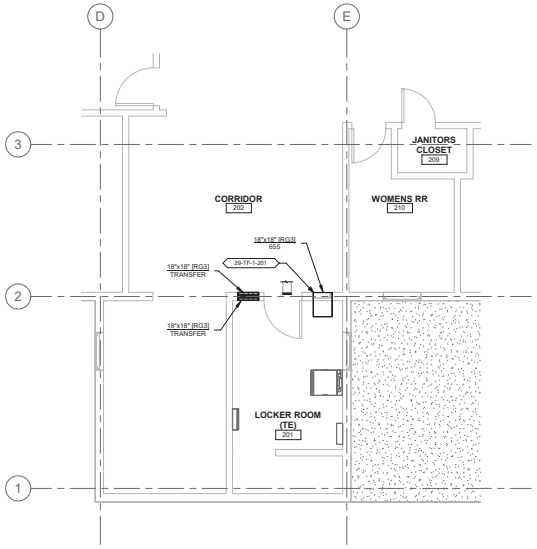


1 RM 201 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 201 - FLOOR PLAN
1/4" = 1'-0"

GENERAL NOTES

1. ALL PIPING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
3. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.

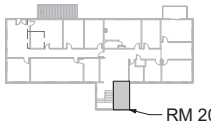
DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

KEYNOTES

1. DEMOLISH EXISTING SUPPLY GRILLE AND CAP AT POINT OF DEMOLITION.

KEY PLAN



SHOWN AREA

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG - 029 - LVL - 02 - FLOOR PLAN & RCPS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
NON SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC
Project Number: 671A4-21-700
Building Number: 029
Drawing Number: 029-M-401
136 of 339

VA FORM 08 - 6231
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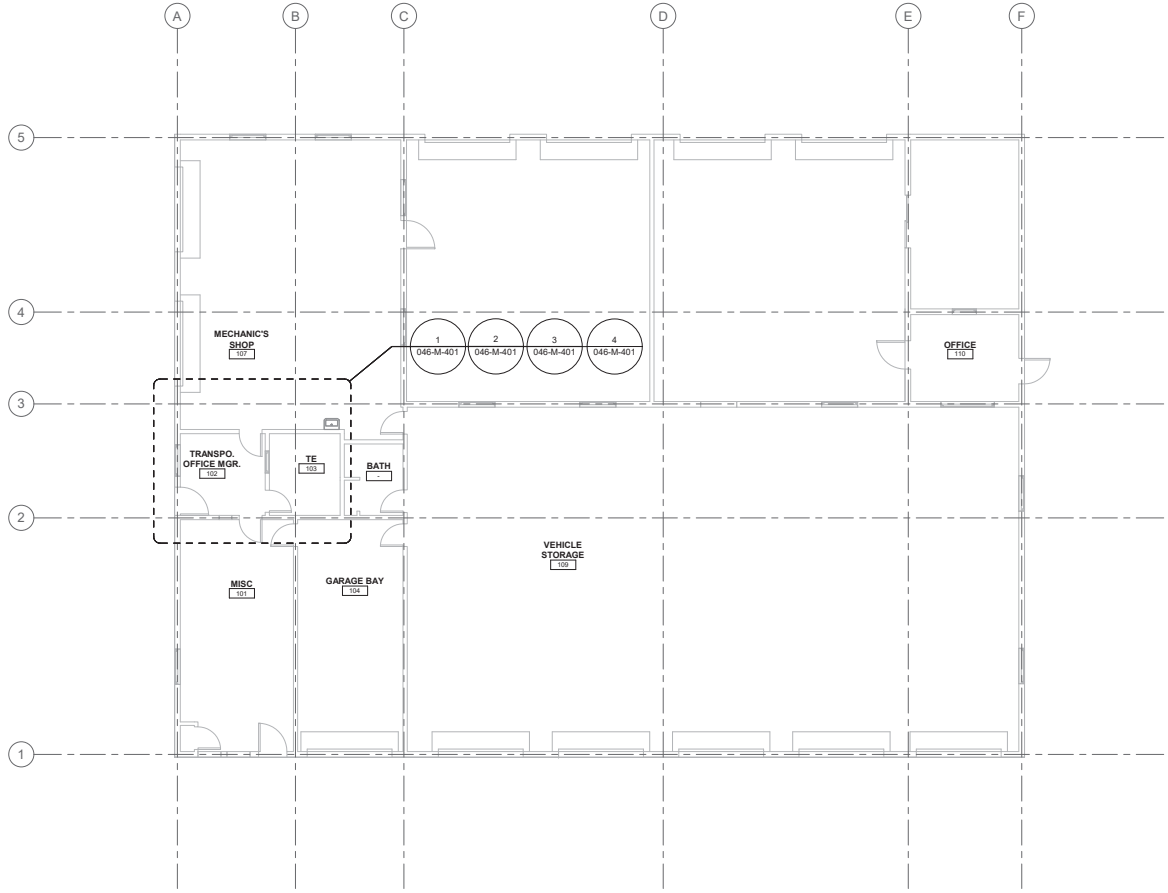
VATX Kerrville
EHRM/VATX_29_ME_SDB.rvt



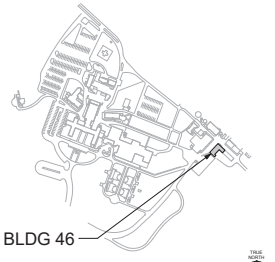
1 LEVEL 01 - OVERALL PLAN
3/16" = 1'-0"

PROJECT NORTH

GENERAL NOTES

N/A

SITE PLAN



SHOWN AREA

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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CHARL G. HUBBARD
STATE OF WASHINGTON
39485
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 046 - LVL - 01 - OVERALL PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Project Number: 671A4-21-700

Building Number: 046

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Drawing Number: 046-M-101

Issue Date: 11/21/2025

Checked: MGH/JW

Drawn: KGC/YRQ/EC

VA FORM 08 - 6231

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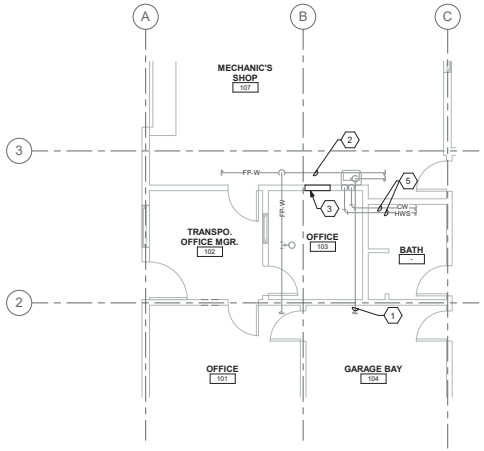
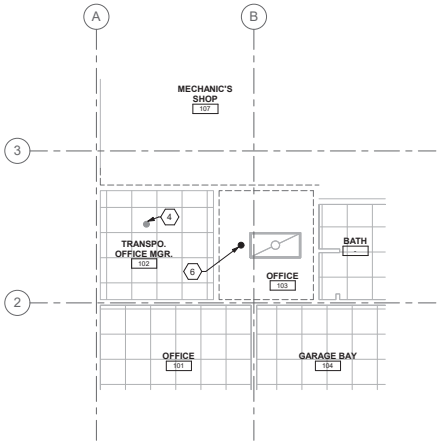
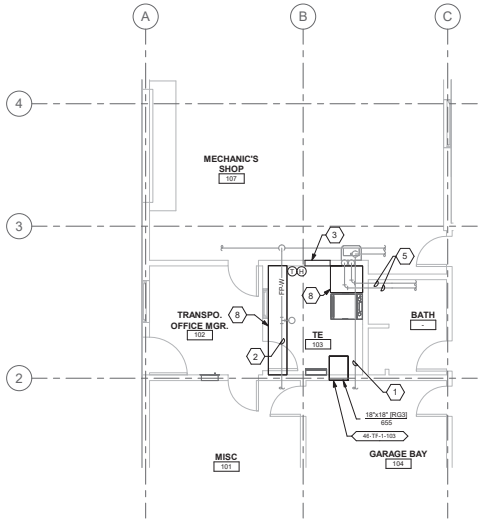
VATX Kerrville
EHRM/VATX_46_ME_SDB.rvt



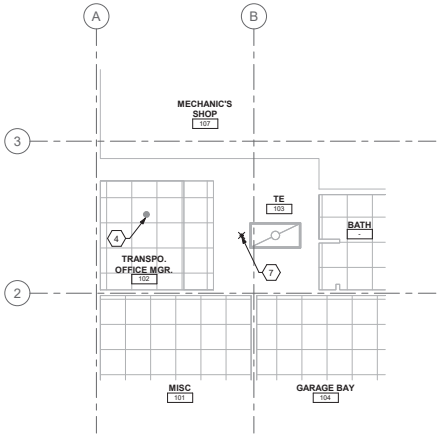
1 RM 102 & RM 103 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 102 & RM 103 - DEMOLITION RCP
1/4" = 1'-0"



3 RM 103 - FLOOR PLAN
1/4" = 1'-0"



4 RM 103 - RCP
1/4" = 1'-0"

GENERAL NOTES

1. ALL PIPING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.

DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

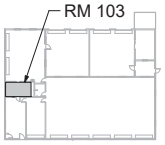
FIRE PROTECTION NOTES

1. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
2. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
3. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
5. TELECOM ROOMS AND MAIN COMPUTER ROOMS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
6. ALL TELECOM ROOMS WITH EXISTING QUICK RESPONSE SPRINKLERS SHALL HAVE THE QUICK RESPONSE SPRINKLER HEAD REPLACED WITH STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS.
7. TELECOM ROOMS ARE CONSIDERED ORDINARY HAZARD GROUP 1 FOR SPRINKLER HEAD DENSITY. ANY OTHER HAZARD CLASSIFICATION AND SPRINKLER DENSITY ARE TO BE IN ACCORDANCE WITH NFPA 13 AND VA POLICY.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

KEYNOTES

1. EXISTING NATURAL GAS PIPING TO REMAIN.
2. EXISTING FIRE PROTECTION PIPE TO REMAIN.
3. EXISTING 24"X8" WALL OPENING WITH SCREEN TO REMAIN.
4. EXISTING QUICK RESPONSE SPRINKLER TO REMAIN.
5. HOT WATER AND COLD WATER PIPES TO REMAIN.
6. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER.
7. PROVIDE NEW SPRINKLERS. EXTEND NEW SPRINKLER LINE AS REQUIRED FOR NEW HEAD LOCATIONS
8. PROVIDE DRIP PAN WITH MOISTURE SENSOR FOR EXISTING OVERHEAD PIPING.

KEY PLAN



SHOWN AREA

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

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A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 046 - LVL - 01 - DEMOLITION, FLOOR PLAN & RCPS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC
Project Number: 671A4-21-700
Building Number: 046
Drawing Number: 046-M-401
138 of 339

VA FORM 08 - 6231
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VATX Kerrville
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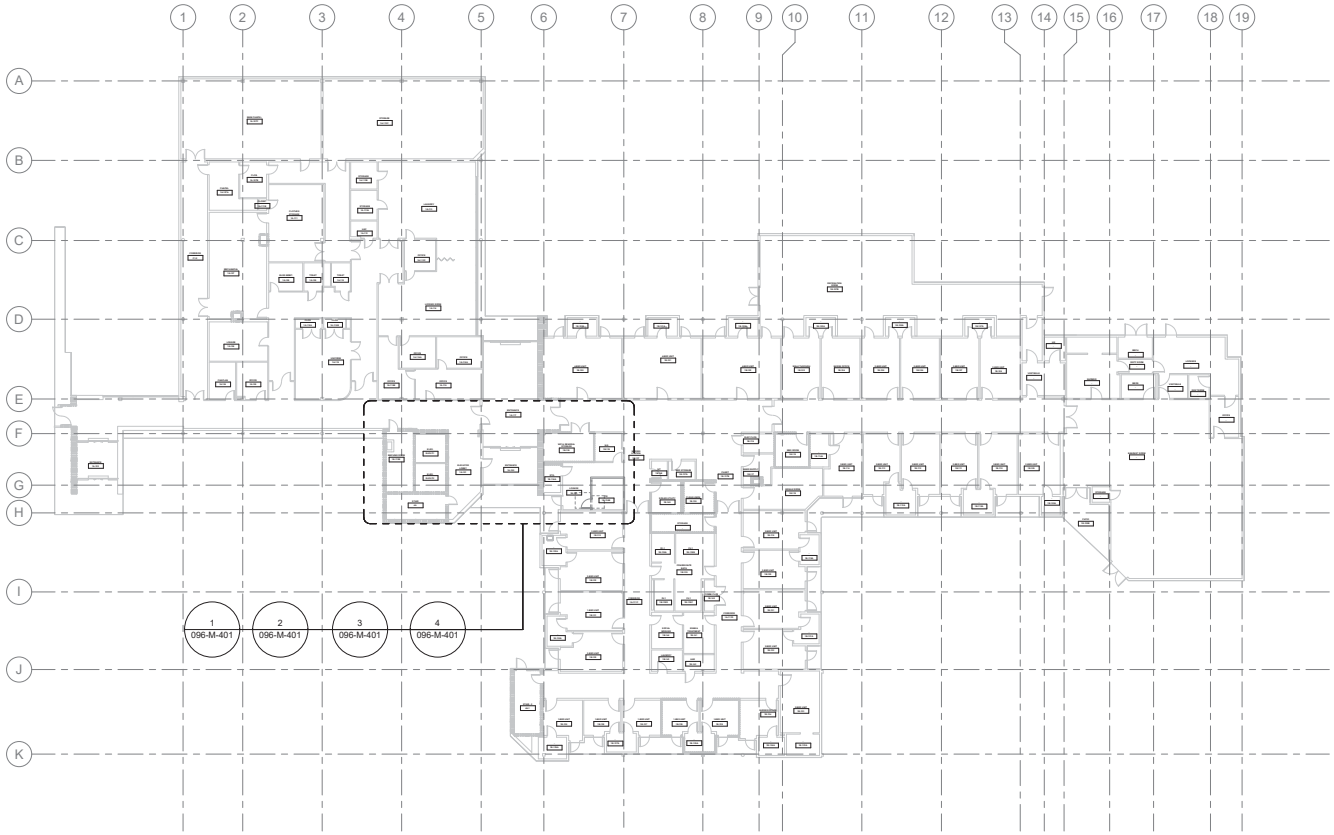
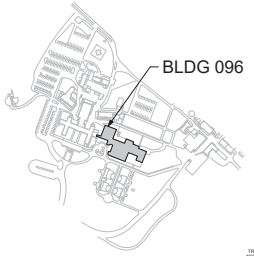


1 LEVEL 01 - OVERALL PLAN
1/16" = 1'-0"

GENERAL NOTES

N/A

SITE PLAN



SHOWN AREA

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD

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KENT, WA 98032

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MICHAEL G. HUBBARD
STATE OF WASHINGTON
39485
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BLDG - 096 - LVL - 01 - OVERALL PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location	Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date	11/21/2025
Checked	MGH;JW
Drawn	KGC/YRQ/EC
Project Number	671A4-21-700
Building Number	096
Drawing Number	096-M-101

VA FORM 08 - 6231
11/19/2025 11:05:36 AM
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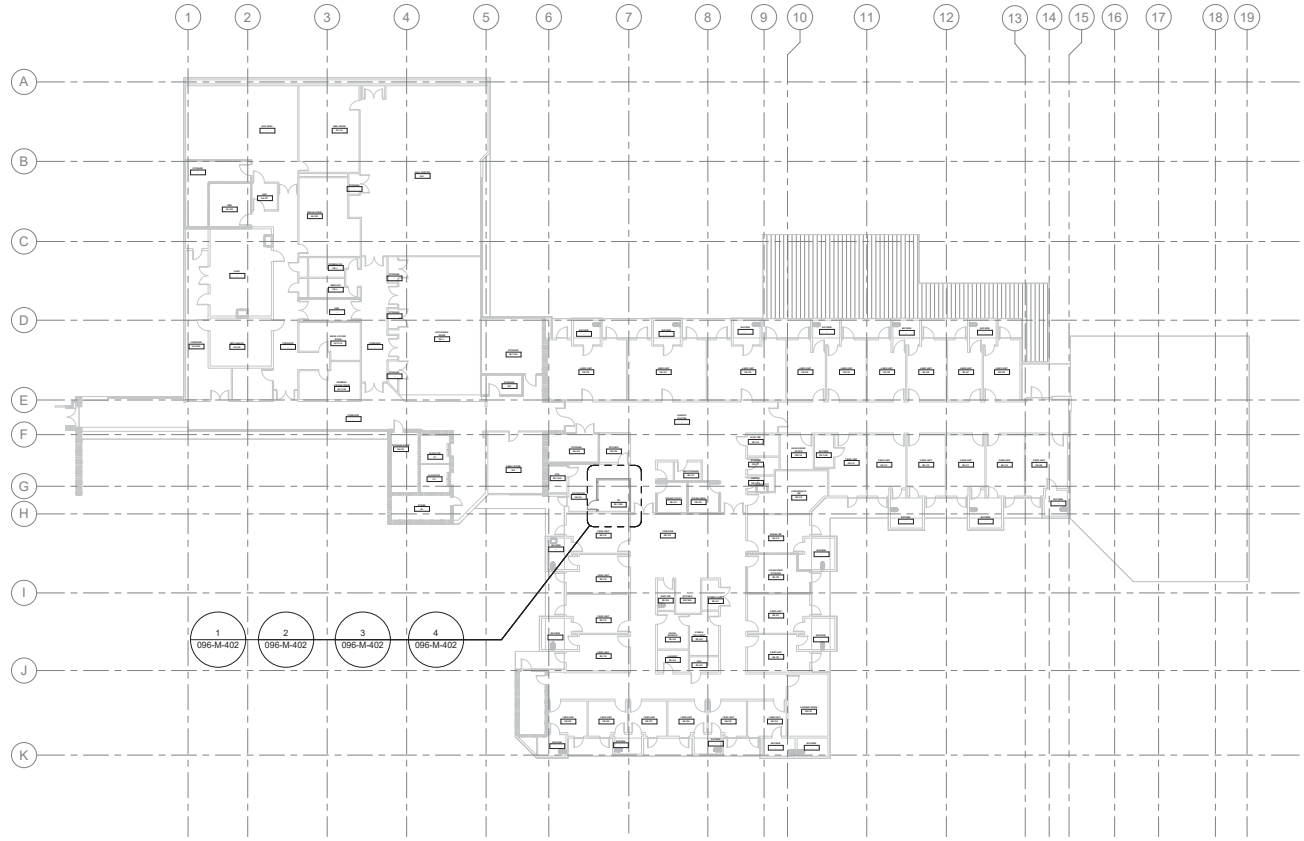
VATX Kerrville
EHRM/VATX_96_ME_SDB.rvt



1 LEVEL 02 - OVERALL PLAN

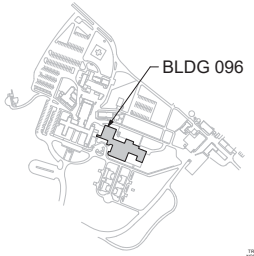
1/16" = 1'-0"

PROJECT NORTH

GENERAL NOTES

N/A

SITE PLAN



SHOWN AREA

TRUE NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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KENT, WA 98032

SPEESDESIGNBUILD

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MICHAEL G. HUBBARD
STATE OF WASHINGTON
20220208
39485
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 096 - LVL - 02 - OVERALL PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Issue Date: 11/21/2025

Checked: MGH/JW

Drawn: KGC/YRQ/EC

Project Number: 671A4-21-700

Building Number: 096

Drawing Number: 096-M-102

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11/19/2025 11:05:38 AM

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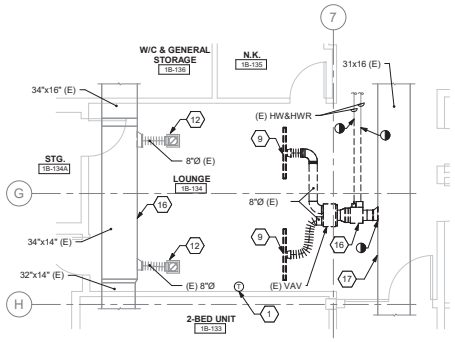
EHRM/VATX_96_ME_SDB.rvt



1 RM 1B-134 - DEMOLITION FLOOR PLAN
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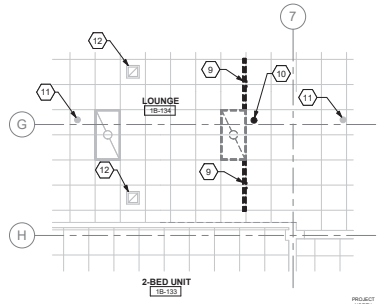
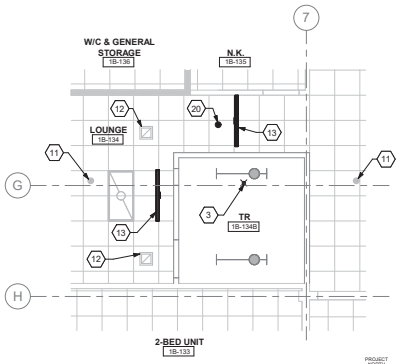
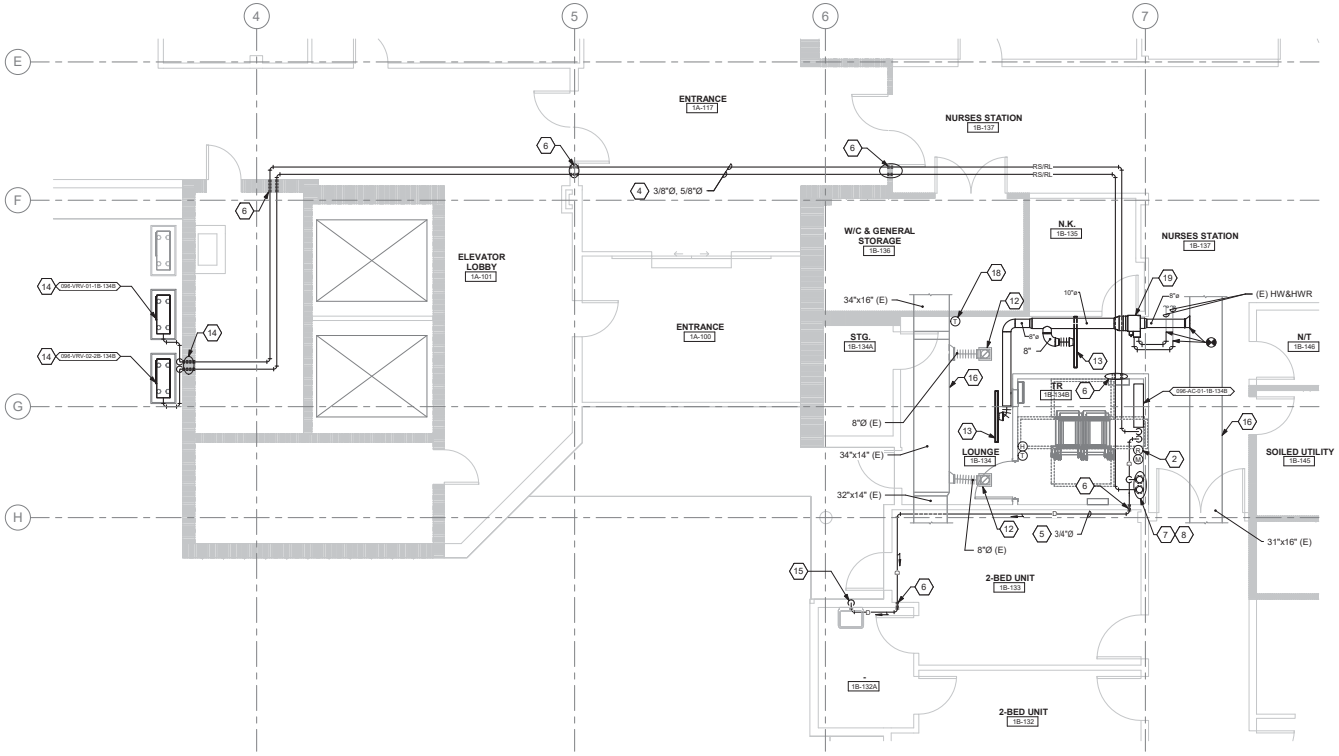


2 RM 1B-134 - DEMOLITION RCP
1/4" = 1'-0"



4 RM 1B-134B - RCP
1/4" = 1'-0"



3 RM 1B-134B - FLOOR PLAN
1/4" = 1'-0"

KEYNOTES

1. REMOVE AND RELOCATE EXISTING TEMPERATURE SENSOR.
2. INSTALL REFRIGERANT SENSOR AT A HEIGHT OF NOT MORE THAN 1 FT. ABOVE FINISHED FLOOR.
3. PROVIDE NEW SPRINKLERS. EXTEND NEW SPRINKLER LINE AS REQUIRED FOR NEW HEAD LOCATIONS.
4. INSTALL NEW REFRIGERANT LINES PER MANUFACTURER REQUIREMENTS (INDOOR UNIT TO OUTDOOR UNIT). PROVIDE PIPE INSULATION FOR ALL REFRIGERANT LINES PER SPECIFICATION SECTION 23 07 11. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11. PIPE SIZES SHOWN ON PLANS ARE ONLY APPLICABLE TO BASIS OF DESIGN MANUFACTURER.
5. INSTALL NEW CONDENSATE LINE. PROVIDE PIPE SUPPORT PER SPECIFICATION SECTION 23 05 11.
6. PROVIDE WALL OPENING AND PIPE SLEEVE. SEE "PIPE THRU WALL (RATED/UNRATED) DETAIL" ON SHEET M-501.
7. PROVIDE CEILING OPENING AND PIPE SLEEVE. SEE "PIPE THRU FLOOR DETAIL" ON SHEET M-501.
8. REFRIGERANT LINE TO FLOOR ABOVE, FOR CONTINUATION SEE SHEET 096-M-402.
9. REMOVE EXISTING CEILING SUPPLY SLOT DIFFUSER AND RETAIN FOR RELOCATED REINSTALLATION. DEMOLISH ASSOCIATED BRANCH DUCTWORK. MEASURE VAV BOX AIRFLOW AT THE HIGHEST SCHEDULED SET POINT PRIOR TO STARTING ANY WORK.
10. DEMOLISH EXISTING QUICK RESPONSE SPRINKLER.
11. EXISTING QUICK RESPONSE SPRINKLER TO REMAIN.
12. EXISTING CEILING RETURN GRILLE TO REMAIN.
13. RELOCATED EXISTING CEILING SUPPLY SLOT DIFFUSER. ADJUST DUCTWORK ACCORDINGLY. BALANCE TO PRE-CONSTRUCTION AIRFLOWS.
14. SEE "CONDENSING UNIT GROUND MOUNT SUPPORT DETAIL" ON SHEET M-501.
15. CONDENSATE LINE TO BE CONNECTED TO THE EXISTING SINK SANITARY LINE. SEE "SINK TAILPIECE CONNECTION DETAIL" ON SHEET M-501.
16. REMOVE EXISTING VAV AND RETAIN FOR RELOCATED REINSTALLATION.
17. EXISTING DUCTWORK TO REMAIN.
18. NEW LOCATION OF EXISTING SENSOR. EXTEND CONTROL WIRING TO NEW LOCATION.
19. EXTEND CONTROLS AND HEATING WATER PIPING TO RELOCATED VAV LOCATION.
20. PROVIDE FM APPROVED QUICK RESPONSE SPRINKLER. EXTEND NEW SPRINKLER LINE AS REQUIRED FOR NEW HEAD LOCATIONS.

GENERAL NOTES

1. ALL PIPING IS SHOWN OFFSET AND DIAGRAMMATIC FOR CLARITY.
2. A SINGLE LINE IS USED TO INDICATE ALL REFRIGERANT PIPING ROUTED BETWEEN THE INDOOR AND OUTDOOR UNIT(S). THIS SINGLE LINE REPRESENTS ALL PIPING REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
3. ROUTE ALL CONDENSATE AND REFRIGERANT PIPING CONCEALED IN WALLS, CHASES OR CEILING SPACES.
4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.

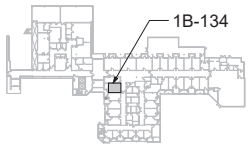
DEMOLITION GENERAL NOTES

1. WORK TO BE DEMOLISHED SHOWN DARK AND DASHED, EXISTING WORK TO REMAIN SHOWN LIGHT.

FIRE PROTECTION NOTES

1. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT VA GUIDES AND LOCAL FIRE PROTECTION CODES AND ORDINANCES.
2. COORDINATE EXACT LOCATION OF PIPING, SPRINKLERS, EQUIPMENT AND MATERIALS WITH OTHER TRADES IN ACCORDANCE WITH NFPA 13.
3. COORDINATE WITH GENERAL CONTRACTOR AND VA RESIDENT ENGINEER PRIOR TO ANY CUTTING OF WALLS AND ROOF.
4. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES AS REQUIRED.
5. TELECOM ROOMS AND DATA CENTERS SHALL HAVE STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS WITH MECHANICAL GUARDS. ALL EXPOSED FIRE PROTECTION LINES SHALL BE PAINTED RED.
6. ALL TELECOM ROOMS WITH EXISTING QUICK RESPONSE SPRINKLERS SHALL HAVE THE QUICK RESPONSE SPRINKLER HEAD REPLACED WITH STANDARD RESPONSE FUSIBLE LINK SPRINKLER HEADS.
7. TELECOM ROOMS ARE CONSIDERED ORDINARY HAZARD GROUP 1 FOR SPRINKLER HEAD DENSITY. ANY OTHER HAZARD CLASSIFICATION AND SPRINKLER DENSITY ARE TO BE IN ACCORDANCE WITH NFPA 13 AND VA POLICY.
8. DO NOT INSTALL SPRINKLER HEADS OR PIPING ABOVE TELECOMMUNICATION RACKS WHERE FEASIBLE BUT STILL IN ACCORDANCE WITH NFPA 13.

KEY PLAN



SHOWN AREA

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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SPEESDESIGNBUILD

STAMP
CHARLES G. HUBBARD
STATE OF WASHINGTON
39485
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG - 096 - LVL - 01 - DEMOLITION, FLOOR PLANS & RCPS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC
Project Number: 671A4-21-700
Building Number: 096
Drawing Number: 096-M-401
141 of 339

VA FORM 08 - 6231
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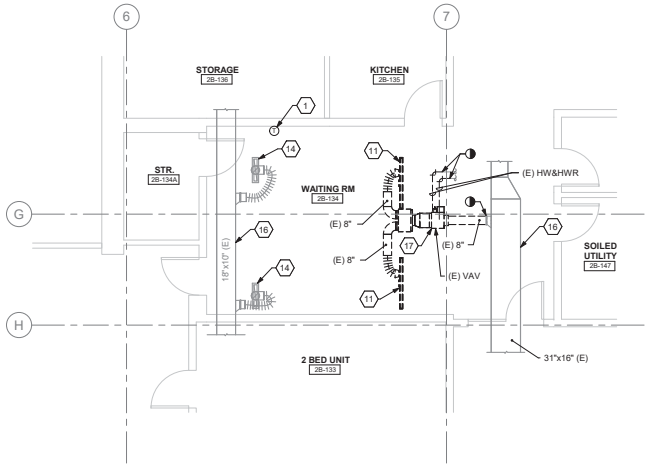
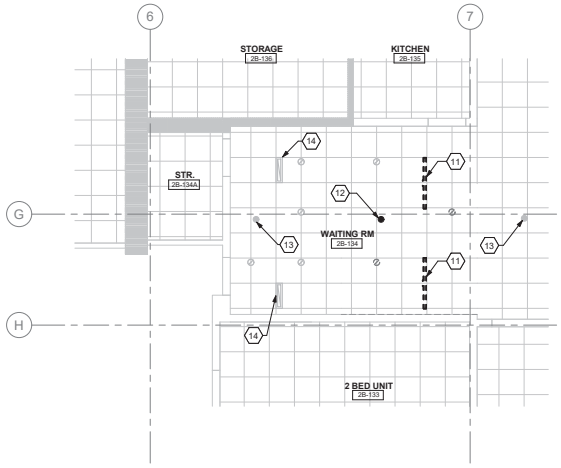
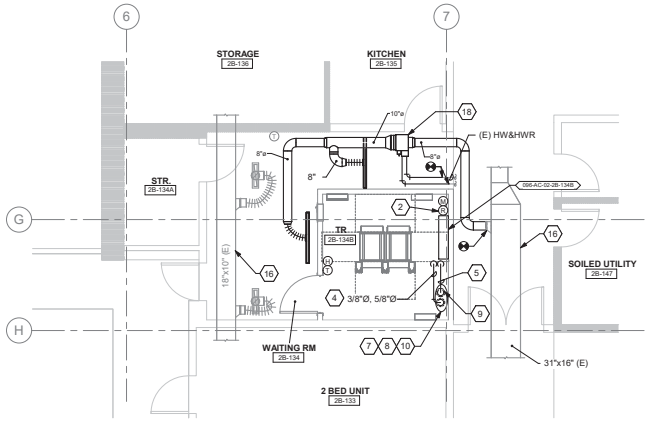


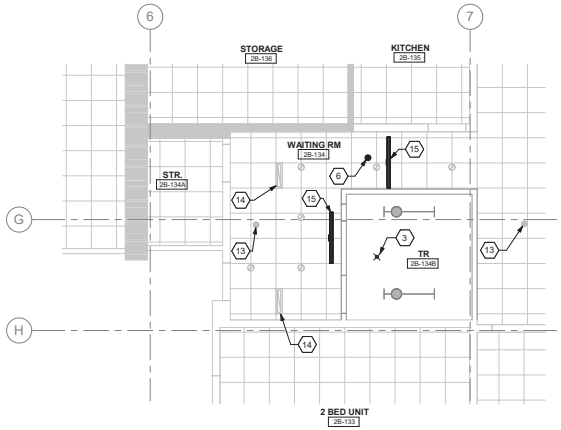
1 RM 2B-134 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 RM 2B-134 - DEMOLITION RCP
1/4" = 1'-0"



3 RM 2B-134B - FLOOR PLAN
1/4" = 1'-0"



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1/4" = 1'-0"

KEYNOTES

1. EXISTING TEMPERATURE SENSOR TO REMAIN.
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7. PROVIDE FLOOR OPENING AND PIPE SLEEVE. SEE "PIPE THRU FLOOR DETAIL" ON SHEET M-501.
8. CONTRACTOR TO PROVIDE 20 GAGE METAL SHEET SHROUDING/CLADDING TO COVER REFRIGERANT PIPING. USE LOW PROFILE UNISTRUT FOR REFRIGERANT PIPING. PAINT SHROUD TO MATCH ADJACENT WALL AND COORDINATE COLOR WITH COR.
9. 3/4" CONDENSATE PIPING DOWN TO FLOOR BELOW, FOR CONTINUATION SEE SHEET 096-M-401.
10. REFRIGERANT PIPING DOWN TO FLOOR BELOW, FOR CONTINUATION SEE SHEET 096-M-401.
11. REMOVE EXISTING CEILING SUPPLY SLOT DIFFUSER AND RETAIN FOR RELOCATED REINSTALLATION. DEMOLISH ASSOCIATED BRANCH DUCTWORK. MEASURE VAV BOX AIRFLOW AT THE HIGHEST SCHEDULED SET POINT PRIOR TO STARTING ANY WORK.
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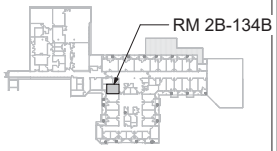

SHOWN AREA

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG - 096 - LVL - 02 - DEMOLITION, FLOOR PLANS & RCPS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)
Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: MGH/JW
Drawn: KGC/YRQ/EC
Project Number: 671A4-21-700
Building Number: 096
Drawing Number: 096-M-402
142 of 339

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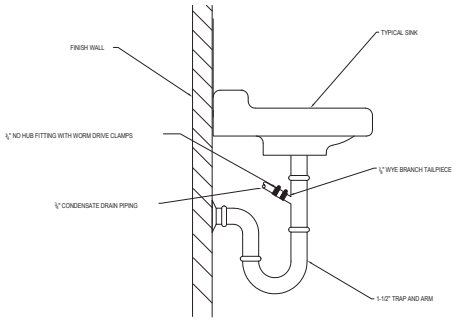
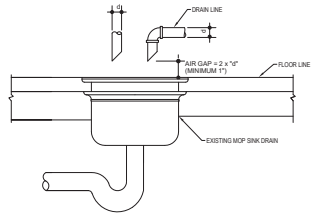
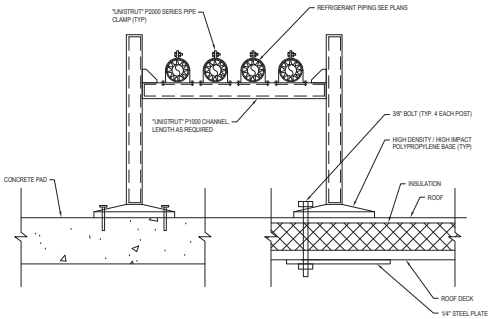


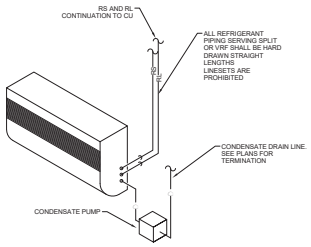
1 SINK TAILPIECE CONNECTION DETAIL
NTS



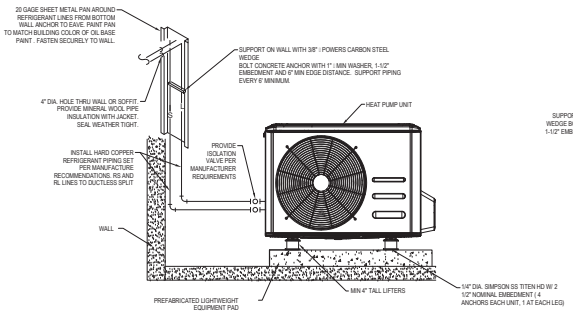
4 INDIRECT MOP SINK DRAIN DETAIL
NTS



7 PIPE ROOF MOUNTING DETAIL
NTS



2 DUCTLESS SPLIT AND VRV/VRF SYSTEM DETAIL
NTS



5 CONDENSING UNIT GROUND MOUNT SUPPORT DETAIL
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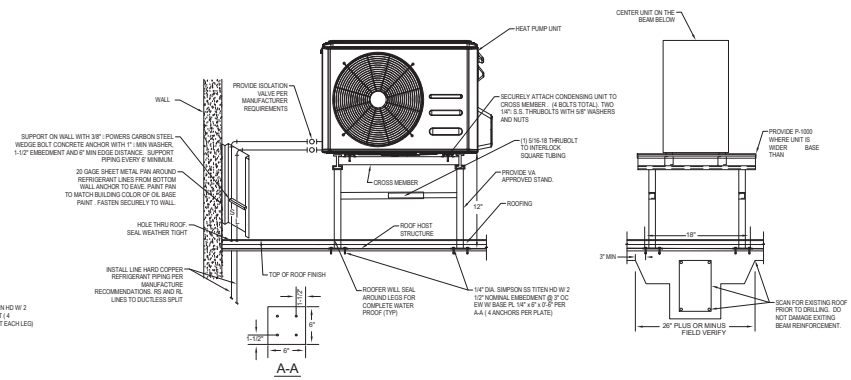

8 CONDENSING UNIT ROOF MOUNT SUPPORT DETAIL
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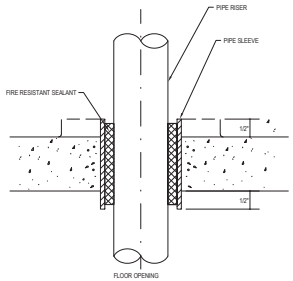
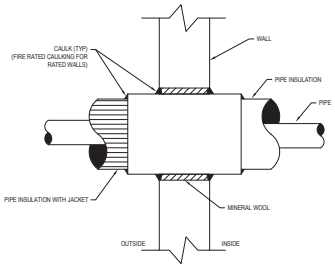
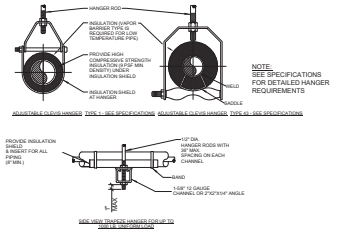


3 PIPE THRU FLOOR DETAIL
NTS



NOTE: PROVIDE ESCUTCHEON AT WALL FOR EXPOSED PIPING

6 PIPE THRU WALL (RATED/UNRATED) DETAIL
NTS



MAXIMUM PIPE/TUBING SUPPORT SPACING																		
NPS	IN	THRU ¾	1	1¼	1½	2	2½	3	4	5	6	8	10	12	14	16	18	20	24
PIPE	FT	7	7	7	9	10	11	12	14	16	17	19	22	23	25	27	28	30	32
TUBING	FT	5	6	7	8	8	9	10	12	13	14	16	-	-	-	-	-	-	-
NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.																			

9 PIPE HANGERS
NTS

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
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SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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CHARLES G. HUBBARD
STATE OF WASHINGTON
39483
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
MECHANICAL DETAILS I

Phase
100% CONSTRUCTION DOCUMENTS

Project Title
EHRM Infrastructure Upgrades - Kerrville (South Texas)

Project Number
671A4-21-700

Building Number

Approved:

Location
Kerrville VA Medical Center
3600, Memorial Blvd, Kerrville, Texas 78208

Drawing Number
M-501

Issue Date 11/21/2025
Checked MGH/JW
Drawn KG/CY/RQ/EC

143 of 339

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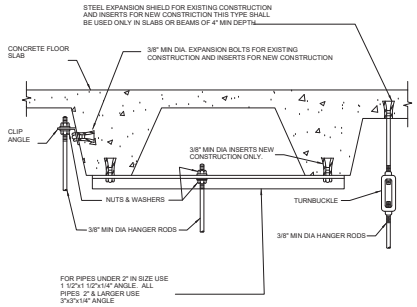
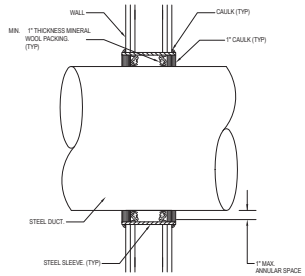


10 SECURING HANGER RODS IN CONCRETE
NTS



13 DUCT THRU WALL DETAIL
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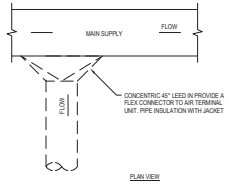
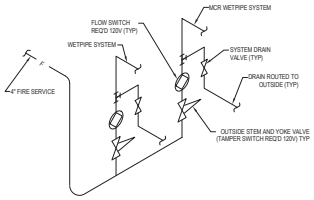
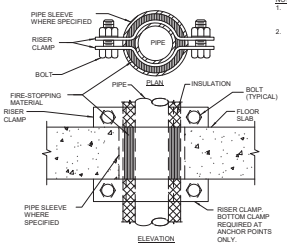


16 SUPPLY DUCT TAKEOFF - AIR TERMINAL UNITS
NTS

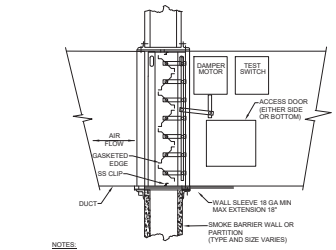


11 FIRE HEADER DETAIL
NTS



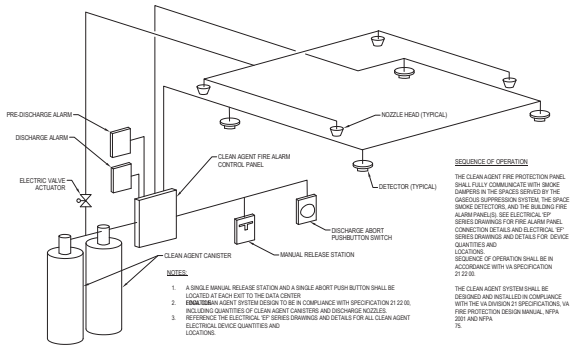
NOTES:
1. PROVIDE ANCHORS ONLY WHERE SHOWN ON DRAWINGS.
2. EXTEND SLEEVE ABOVE FLOOR WHERE SPECIFIED.

14 SUPPORT/ANCHOR FOR PIPE RISERS
NTS



NOTES:
1. A VERTICAL DAMPER IS SHOWN. HORIZONTAL DAMPER INSTALLATION IS SIMILAR. FOLLOW DAMPER MANUFACTURER'S INSTRUCTIONS, INCLUDING FASTENER OPTIONS AND GAGES FOR SLEEVE AND PERIMETER ANGLES. FIRE DAMPERS MUST BE INSTALLED IN THE PARTITION OR FLOOR AND NOT OUTSIDE THE PENETRATION.
2. GALVANIZED SLEEVE: GAGE NOT LESS THAN CONNECTING DUCT. FASTEN SLEEVE TO DAMPER FRAME AND TO PERIMETER ANGLES.
3. PERIMETER ANGLES: GALVANIZED STEEL, NOT LESS THAN 1 1/2"x1 1/2", 14 GAGE, TO PROVIDE 1" MINIMUM OVERLAP OF OPENING ON ALL 4 SIDES.
4. BREAKAWAY DUCT CONNECTION: CONTRACTOR'S OPTION OF TYPES SHOWN IN SMACNA. ACCESS PANELS: SIZE AND LOCATION TO PERMIT SERVICING THE FUSIBLE LINK OR LINKS.
5. PROVIDE 1/4" TO 1/2" CLEARANCE ON HEIGHT AND WIDTH. FILL OPEN SPACE WITH ROCK WOOL FIRESTOP FIBER.

17 SECTION THRU FIRE DAMPER INSTALLATION
NTS



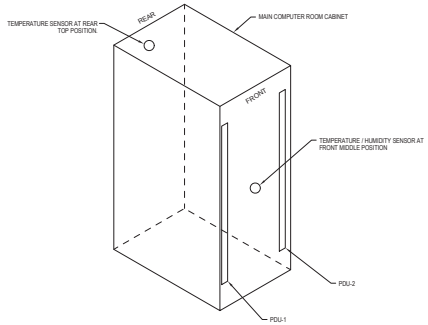
NOTES:
1. A SINGLE MANUAL RELEASE STATION AND A SINGLE ABORT PUSH BUTTON SHALL BE LOCATED AT EACH EXIT TO THE DATA CENTER
2. **FINALIZE** THE CLEAN AGENT SYSTEM DESIGN TO BE IN COMPLIANCE WITH SPECIFICATION 21 22 00, INCLUDING QUANTITIES OF CLEAN AGENT CANISTERS AND DISCHARGE NOZZLES.
3. REFERENCE THE ELECTRICAL 'EF' SERIES DRAWINGS AND DETAILS FOR ALL CLEAN AGENT ELECTRICAL DEVICE QUANTITIES AND LOCATIONS.

SEQUENCE OF OPERATION

THE CLEAN AGENT FIRE PROTECTION PANEL SHALL FULLY COMMUNICATE WITH SMOKE DAMPERS IN THE SPACES SERVED BY THE GASEOUS SUPPRESSION SYSTEM. THE SPACE SMOKE DETECTORS, AND THE BUILDING FIRE ALARM PANEL(S). SEE ELECTRICAL 'EP' SERIES DRAWINGS FOR FIRE ALARM PANEL CONNECTION DETAILS AND ELECTRICAL 'EF' SERIES DRAWINGS AND DETAILS FOR DEVICE QUANTITIES AND LOCATIONS.
SEQUENCE OF OPERATION SHALL BE IN ACCORDANCE WITH VA SPECIFICATION 21 22 00.

THE CLEAN AGENT SYSTEM SHALL BE DESIGNED AND INSTALLED IN COMPLIANCE WITH THE VA DIVISION 21 SPECIFICATIONS, VA FIRE PROTECTION DESIGN MANUAL, NFPA 2001 AND NFPA 75.

12 CLEAN AGENT SYSTEM DETAIL
NTS



15 DATA CENTER MONITORED RACK SENSOR LOCATIONS
NTS

NOTES:
1. INSTALL PER MANUFACTURES RECOMMENDATIONS.
2. DAMPER BLADES SHALL BE OPPOSED BLADE TYPE (SEE UL 555S LEAKAGE CLASS I OR II) DAMPERS SHALL BEAR UL LABEL AND BE MANUFACTURED FOR USE IN SMOKE CONTROL.
3. PROVIDE SPRING BLADE EDGE SEALS SHALL BE SILICONE RUBBER DESIGNED TO WITHSTAND 450 °F. JAMB SEALS SHALL BE SS FLEXIBLE COMPRESSION METAL.
4. WHEN DUCTWORK IS INSULATED OR LINED, PROVIDE INSULATED ACCESS DOOR.
5. ACCESS DOOR SHALL BE 12" X 12" OR LARGER IF REQUIRED FOR FUSIBLE LINK REPLACEMENT.
6. INSTALLATION SHOWN AS AN EXAMPLE. SPECIFIC INSTALLATION SHALL CONFORM WITH MANUFACTURER'S, UL APPROVED INSTRUCTIONS.
7. VERTICAL SMOKE DAMPER INSTALLATION SHOWN. HORIZONTAL SMOKE DAMPER INSTALLATION SHALL BE SIMILAR.
8. SMOKE DAMPER SHALL BE ACTIVATED BY THE BUILDING FIRE PROTECTION SYSTEM.

18 FIRE/SMOKE DAMPER DETAIL
NTS

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:
MECHANICAL ENGINEERING

ARCHITECT/ ENGINEER OF RECORD
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23830 PACIFIC HIGHWAY S. SUITE 300
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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
MECHANICAL DETAILS II	100% CONSTRUCTION DOCUMENTS	EHRM Infrastructure Upgrades - Kerrville (South Texas)	671A4-21-700
Approved:		Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208	Building Number
		Issue Date: 11/21/2025 · Checked: MGH/JW · Drawn: KGCY/RQ/EC	Drawing Number: M-502

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VATX Kerrville EHRMICOVER
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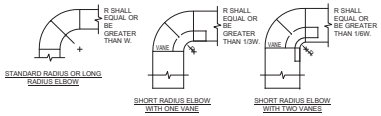
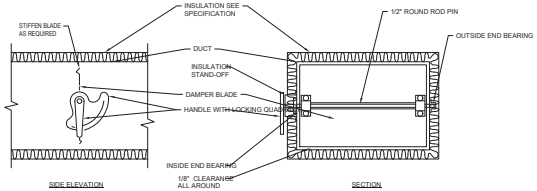


NOTE:

1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD RADIUS ELBOWS CAN BE SUBSTITUTED WITH SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

19 DUCTWORK RADIUS ELBOWS

NTS

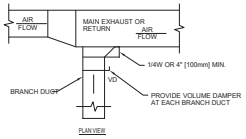


NOTE:

1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.

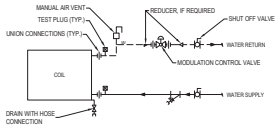
20 VOLUME DAMPER DETAIL

NTS



21 EXHAUST OR RETURN BRANCH DUCTWORK

NTS



22 TERMINAL UNIT WATER COILS - PIPING CONNECTIONS

NTS

Revisions:	Date:

CONSULTANT/ DISCIPLINE

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Drawing Title MECHANICAL DETAILS III	**Phase** 100% CONSTRUCTION DOCUMENTS	**Project Title** EHRM Infrastructure Upgrades - Kerrville (South Texas)	**Project Number** 671A4-21-700
Approved:		**Location** Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208	**Building Number**
		Issue Date 11/21/2025 · **Checked** MGH/JW · **Drawn** KGC/YRQ/EC	**Drawing Number** M-503
			145 of 339

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VARIABLE REFRIGERANT VOLUME INDOOR UNIT SCHEDULE

EQUIP#	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	TYPE	SERVES	CFM	COOLING CAPACITY		HEATING CAPACITY	ENTERING AIR (DEG F DB)	ENTERING AIR (DEG F WB)	ELECTRICAL			WEIGHT (LB)	SIZE (IN)	DISCONNECT PROVIDED BY	NOTES
						TOTAL COOLING (BTU)	SENS COOLING (BTU)	TOTAL HEATING (BTU)			VOLT	PHASE	RATED AMPS				
BUILDING 11																	
011-FC-1A-019B	LG	ZRNU183SKSA	WALL MOUNT	019b ELECTRICAL 1	494	14,370	14,370	21,500	75	62.6	208	1	0.52	28.6	40x9x14	EC	1, 2, 3, 4, 5, 6, 7
011-FC-1B-019B	LG	ZRNU303SRAA	WALL MOUNT	019b ELECTRICAL 1	742	22,870	22,870	32,000	75	62.6	208	1	0.9	44.3	48X10X15	EC	1, 2, 3, 4, 5, 6, 7
011-FC-2A-019C	LG	ZRNU183SKSA	WALL MOUNT	019c ELECTRICAL 2	494	14,370	14,370	21,500	75	62.6	208	1	0.52	28.6	40x9x14	EC	1, 2, 3, 4, 5, 6, 7
011-FC-2B-019C	LG	ZRNU303SRAA	WALL MOUNT	019c ELECTRICAL 2	742	22,870	22,870	32,000	75	62.6	208	1	0.9	44.3	48X10X15	EC	1, 2, 3, 4, 5, 6, 7
011-FC-3A-101A	LG	ZRNU183SKSA	WALL MOUNT	101A	494	14,370	14,370	21,500	75	62.6	208	1	0.52	28.6	40x9x14	EC	1, 2, 3, 5, 6, 7
011-FC-3B-101A	LG	ZRNU243SKSA	WALL MOUNT	101A	537	18,370	18,140	25,600	75	62.6	208	1	0.52	44.3	40x9x14	EC	1, 2, 3, 5, 6, 7
011-FC-4A-201A	LG	ZRNU183SKSA	WALL MOUNT	201A	494	14,370	14,370	21,500	75	62.6	208	1	0.52	28.6	40x9x14	EC	1, 2, 3, 5, 6, 7
011-FC-4B-201A	LG	ZRNU243SKSA	WALL MOUNT	201A	537	18,370	18,140	25,600	75	62.6	208	1	0.52	44.3	40x9x14	EC	1, 2, 3, 5, 6, 7

INDOOR NOTES:

1. PROVIDE FACTORY WALL MOUNTING HARDWARE.
2. PROVIDE FACTORY WALL MOUNTED TEMPERATURE/HUMIDITY STAT WITH BACNET INTERFACE.
3. PROVIDE SLIDE-IN AIR FILTER.
4. PROVIDE LITTLE GIANT EC-1K-DV CONDENSATE PUMP AND ACCESSORIES FOR COMPLETE INSTALLATION. PROVIDE A DEDICATED 120V, 0.18 AMP,AND 18 WATT POWER CONNECTION WITH DISCONNECT.
5. PROVIDE REFRIGERANT LEAK MITIGATION SYSTEM WITH SHUTOFF VALVES AND LEAK DETECTION.
6. CONTRACTOR SHALL INSTALL AND TEST REFRIGERANT PIPING IN ACCORDANCE WITH ASHRAE 15-2022 SECTION 9.13.1 THROUGH 9.13.7. THIS INCLUDES PIPE STRENGTH TESTING VIA APPROVED TEST GASES, VISUAL INSPECTIONS AND LEAKAGE TESTING. REFERENCE TABLE 9-13 FOR TEST PARAMETERS. CONTRACTOR DECLARATION SHALL BE PROVIDED TO VA FOR SYSTEMS INCLUDING 55 LBS OF REFRIGERANT OR MORE IN ACCORDANCE WITH 9.13.7.
7. MULTIPLE INDOOR UNITS IN ONE ROOM SHALL BE SERVED BY ONE THERMOSTAT. SEE 2/M-702 FOR CONTROL DIAGRAM.

VARIABLE REFRIGERANT VOLUME OUTDOOR UNIT SCHEDULE

EQUIP#	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	COOLING CAPACITY		HEATING CAPACITY		REFRIGERANT	EER	ELECTRICAL				OPERATING WEIGHT (LB)	SIZE (IN)	DISCONNECT PROVIDED BY	NOTES
			BTU/H	AMBIENT (DEG F DB)	BTU/H	AMBIENT (DEG F DB)			VOLT	PHASE	MCA	MOCP				
011-VRF-01-019B	LG	ZRUM060GSSO	44,080	98.6	64,090	24.4	R32	13.9	208	1	32.9	40	257	38x16x55	EC	2, 3, 4
011-VRF-02-019C	LG	ZRUM060GSSO	44,080	98.6	64,090	24.4	R32	13.9	208	1	32.9	40	257	38x16x55	EC	2, 3, 4
011-VRF-03-101A	LG	ZRUM048GSSO	34,820	98.6	51,950	24.4	R32	13.9	208	1	31	40	257	38x16x55	EC	1, 3, 4
011-VRF-04-201A	LG	ZRUM048GSSO	35,070	98.6	51,950	24.4	R32	13.9	208	1	31	40	257	38x16x55	EC	1, 3, 4

OUTDOOR NOTES:

1. PROVIDE 18" ROOF STAND.
2. PROVIDE GROUND MOUNTED 18" STAND.
3. PROVIDE LOW AMBIENT CONTROLS & CRANK CASE HEATER.
4. CONTRACTOR SHALL INSTALL AND TEST REFRIGERANT PIPING IN ACCORDANCE WITH ASHRAE 15-2022 SECTION 9.13.1 THROUGH 9.13.7. THIS INCLUDES PIPE STRENGTH TESTING VIA APPROVED TEST GASES, VISUAL INSPECTIONS AND LEAKAGE TESTING. REFERENCE TABLE 9-13 FOR TEST PARAMETERS. CONTRACTOR DECLARATION SHALL BE PROVIDED TO VA FOR SYSTEMS INCLUDING 55 LBS OF REFRIGERANT OR MORE IN ACCORDANCE WITH 9.13.7.

DUCTLESS SPLIT INDOOR UNIT SCHEDULE

INDOOR UNIT

EQUIP#	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	TYPE	SERVES	CFM	COOLING CAPACITY		HEATING CAPACITY	ENTERING AIR (DEG F DB)	ENTERING AIR (DEG F WB)	ELECTRICAL			WEIGHT (LB)	SIZE (IN)	NOTES
						TOTAL COOLING (BTU)	SENSIBLE COOLING (BTU)	TOTAL HEATING (BTU)			VOLTS	PHASE	RATED AMPS			
BUILDING 01																
01-AC-01-1C1A	LG	KNSAP361A	WALL MOUNT	1C1A	1095	31,830	24,910	27,340	75	62.6	208	1	0.5	41	48X10X15	1, 2, 3, 4, 5, 6
BUILDING 02																
02-AC-01-109	LG	KNSAP361A	WALL MOUNT	1C1A	1095	31,900	24,910	27,370	75	62.6	208	1	0.5	41	48X10X15	1, 2, 3, 5, 6
BUILDING 11																
11-AC-01-0A	LG	KNSAP361A	WALL MOUNT	1C1A	1095	29,710	24,910	23,910	75	62.6	208	1	0.5	41	48X10X15	1, 2, 3, 4, 5, 6
11-AC-02-388	LG	KNSAP361A	WALL MOUNT	1C1A	1095	31,040	24,910	26,990	75	62.6	208	1	0.5	41	48X10X15	1, 2, 3, 5, 6
11-AC-03-580	LG	KNSAP361A	WALL MOUNT	1C1A	1095	31,460	24,910	27,170	75	62.6	208	1	0.5	41	48X10X15	1, 2, 3, 5, 6
11-AC-04-601B	LG	KNSAP361A	WALL MOUNT	1C1A	1095	31,660	24,910	27,260	75	62.6	208	1	0.5	41	48X10X15	1, 2, 3, 5, 6
11-AC-05-702	LG	KNSAP361A	WALL MOUNT	1C1A	1095	31,830	24,910	27,340	75	62.6	208	1	0.5	41	48X10X15	1, 2, 3, 5, 6
BUILDING 96																
96-AC-01-1B-134B	LG	KNSAP361A	WALL MOUNT	1C1A	1095	30,120	24,910	26,590	75	62.6	208	1	0.5	41	48X10X15	1, 2, 3, 4, 5, 6
96-AC-02-2B-134B	LG	KNSAP361A	WALL MOUNT	1C1A	1095	29,980	24,910	26,530	75	62.6	208	1	0.5	41	48X10X15	1, 2, 3, 4, 5, 6

INDOOR NOTES:

1. PROVIDE FACTORY WALL MOUNTING HARDWARE.
2. PROVIDE FACTORY WALL MOUNTED TEMPERATURE/HUMIDITY STAT WITH BACNET INTERFACE. SEE 2/M-702 FOR CONTROL DIAGRAM.
3. PROVIDE SLIDE-IN AIR FILTER.
4. PROVIDE LITTLE GIANT EC-1K-DV CONDENSATE PUMP AND ACCESSORIES FOR COMPLETE INSTALLATION. PROVIDE A DEDICATED 120V, 0.18 AMP,AND 18 WATT POWER CONNECTION WITH DISCONNECT.
5. POWERED BY OUTDOOR UNIT.
6. CONTRACTOR SHALL INSTALL AND TEST REFRIGERANT PIPING IN ACCORDANCE WITH ASHRAE 15-2022 SECTION 9.13.1 THROUGH 9.13.7. THIS INCLUDES PIPE STRENGTH TESTING VIA APPROVED TEST GASES, VISUAL INSPECTIONS AND LEAKAGE TESTING. REFERENCE TABLE 9-13 FOR TEST PARAMETERS. CONTRACTOR DECLARATION SHALL BE PROVIDED TO VA FOR SYSTEMS INCLUDING 55 LBS OF REFRIGERANT OR MORE IN ACCORDANCE WITH 9.13.7.

DUCTLESS SPLIT OUTDOOR UNIT SCHEDULE

OUTDOOR UNIT

EQUIP#	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	COOLING CAPACITY		HEATING CAPACITY		REFRIGERANT	EER	ELECTRICAL				OPERATING WEIGHT (LB)	SIZE (IN)	DISCONNECT PROVIDED BY	NOTES
			BTU/H	AMBIENT (DEG F DB)	BTU/H	AMBIENT (DEG F DB)			VOLT	PHASE	MCA	MOCP				
BUILDING 01																
01-HP-01-1C1A	LG	KUSAP361A	31,830	98.6	27,340	24.4	R32	10	208	1	23	30	148	38x16x33	EC	2, 3, 4
BUILDING 02																
02-HP-01-109	LG	KUSAP361A	31,900	98.6	27,370	24.4	R32	10	208	1	23	30	148	38x16x33	EC	2, 3, 4
BUILDING 11																
11-HP-01-0A	LG	KUSAP361A	29,710	98.6	26,410	24.4	R32	10	208	1	23	30	148	38x16x33	EC	1, 3, 4
11-HP-02-388	LG	KUSAP361A	31,040	98.6	26,990	24.4	R32	10	208	1	23	30	148	38x16x33	EC	1, 3, 4
11-HP-03-580	LG	KUSAP361A	31,460	98.6	27,170	24.4	R32	10	208	1	23	30	148	38x16x33	EC	1, 3, 4
11-HP-04-601B	LG	KUSAP361A	31,660	98.6	27,260	24.4	R32	10	208	1	23	30	148	38x16x33	EC	1, 3, 4
11-HP-05-702	LG	KUSAP361A	31,830	98.6	27,340	24.4	R32	10	208	1	23	30	148	38x16x33	EC	1, 3, 4
BUILDING 96																
96-HP-01-1B-134B	LG	KUSAP361A	30,120	98.6	26,590	24.4	R32	10	208	1	23	30	148	38x16x33	EC	2, 3, 4
96-HP-02-2B-134B	LG	KUSAP361A	29,980	98.6	26,530	24.4	R32	10	208	1	23	30	148	38x16x33	EC	2, 3, 4

OUTDOOR NOTES:

1. PROVIDE 18" ROOF STAND.
2. PROVIDE 4" PREFABED PAD AND 4" LIFTERS.
3. PROVIDE LOW AMBIENT CONTROLS & CRANK CASE HEATER.
4. CONTRACTOR SHALL INSTALL AND TEST REFRIGERANT PIPING IN ACCORDANCE WITH ASHRAE 15-2022 SECTION 9.13.1 THROUGH 9.13.7. THIS INCLUDES PIPE STRENGTH TESTING VIA APPROVED TEST GASES, VISUAL INSPECTIONS AND LEAKAGE TESTING. REFERENCE TABLE 9-13 FOR TEST PARAMETERS. CONTRACTOR DECLARATION SHALL BE PROVIDED TO VA FOR SYSTEMS INCLUDING 55 LBS OF REFRIGERANT OR MORE IN ACCORDANCE WITH 9.13.7.

TRANSFER FAN SCHEDULE

TAG	SERVICE	BASIS OF DESIGN MANUFACTURER AND MODEL	DESCRIPTION	MOTOR	CFM	ESP (IN. WG.)	ELECTRICAL								WEIGHT (LBS)	NOTES
							RPM	VOLT	PHASE	FLA	MCA	MOP	HP	BHP		
18-TF-1-111A	TE 18-111A	GREENHECK SE1-12-426-VG	SIDEWALL EXHAUST FAN	EC	655	0.18	1447	115	1	3.8	4.8	15	1/4	0.04	61	1, 2
29-TF-1-201	TE 29-201	GREENHECK SE1-12-426-VG	SIDEWALL EXHAUST FAN	EC	655	0.18	1447	115	1	3.8	4.8	15	1/4	0.04	61	1, 2
46-TF-1-103	TE 46-103	GREENHECK SE1-12-426-VG	SIDEWALL EXHAUST FAN	EC	655	0.18	1447	115	1	3.8	4.8	15	1/4	0.04	61	1, 2

NOTES:

1. PROVIDE EC MOTOR WITH MOUNTED DIAL FOR BALANCING.
2. PROVIDE WITH MANUFACTURERS WALL HOUSING ASSEMBLY.

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
MECHANICAL SCHEDULES	100% CONSTRUCTION DOCUMENTS	EHRM Infrastructure Upgrades - Kerrville (South Texas)	671A4-21-700
Approved:		Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208	Building Number
		Issue Date: 11/21/2025	Drawing Number: M-601
		Checked: MGH/JW	
		Drawn: KGC/YRQ/EC	

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(IN-ROW) COOLER SCHEDULE

TAG	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	LOCATION	REFRIGERANT TYPE	EAT		LAT		AIRFLOW RATE (CFM)	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	COLD WATER CONNECTION (")	ELECTRICAL			WEIGHT (LB)	NOTES
					DB (DEG F)	WB (DEG F)	DB (DEG F)	WB (DEG F)					FLA	MOCP	V / PH		
11-RC-01-019	LIEBERT	CR019RA	DATA CENTER	R410A	90	67.2	62.2	56.9	2250	68.9	65.1	-	16.8	30	460 / 3	507	1, 2, 3, 4, 5
11-RC-02-019	LIEBERT	CR035RA	DATA CENTER	R410A	90	67.2	59.9	55.4	3725	129.3	117	1/2	28.4	50	460 / 3	805	1, 2, 3, 4, 5, 6
11-RC-03-019	LIEBERT	CR019RA	DATA CENTER	R410A	90	67.2	62.2	56.9	2250	68.9	65.1	-	16.8	30	460 / 3	507	1, 2, 3, 4, 5
11-RC-04-019	LIEBERT	CR019RA	DATA CENTER	R410A	90	67.2	62.2	56.9	2250	68.9	65.1	-	16.8	30	460 / 3	507	1, 2, 3, 4, 5
11-RC-05-019	LIEBERT	CR035RA	DATA CENTER	R410A	90	67.2	59.9	55.4	3725	129.3	117	1/2	28.4	50	460 / 3	805	1, 2, 3, 4, 5, 6

NOTES:

1. PROVIDE SINGLE POINT POWER CONNECTION.
2. PROVIDE UNIT MOUNTED DISCONNECT.
3. PROVIDE WITH INTEGRAL BAFFLES TO CONTROL AIR FLOW DIRECTION.
4. PROVIDE MERV 8 FILTER.
5. PROVIDE INTEGRAL CONDENSATE PUMP.
6. PROVIDE WITH INTEGRAL HUMIDIFIER, WATER CONNECTION, AND CONTROL VALVE.

DEHUMIDIFIER SCHEDULE

TAG	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	SERVICE	CFM	ESP (IN. WG.)	TYPE	WATER REMOVAL (GAL/ DAY)	ELECTRICAL				DISCONNECT PROVIDED BY	WEIGHT (LBS)	NOTES
								VOLT	PH	MCA	MOP			
11-DH-01-019	APRIL AIRE	E100H	1-103 DATA CENTER	245	0.2	CONDENSING	85	120	1	12	20	EC	65	1, 2, 3, 4
11-DH-02-019	APRIL AIRE	E100H	1-103 DATA CENTER	245	0.2	CONDENSING	85	120	1	12	20	EC	66	1, 2, 3, 4

NOTES:

1. PROVIDE CEILING MOUNTING KIT.
2. PROVIDE REMOTE HUMIDISTAT WITH BMS INTEGRATION.
3. FURNISH AND INSTALL WITH A HARDWIRED POWER CONNECTION.
4. PROVIDE CONDENSATE PAN AND 110V 2 AMP APRILAIRE 4856 CONDENSATE PUMP POWERED SEPARATELY WITH DISCONNECT.

FIRE DAMPER

TAG	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	DAMPER TYPE	UL RATING	VELOCITY RATING (FPM)	BLADE POSITION	MAX PRESSURE DROP (" WC)	APPLICATION	NOTES
011-FD-01-019D	RUSKIN	DIBD2	DYNAMIC FIRE DAMPER	1-1/2 HOUR	2000	CURTAIN TYPE OUT OF AIR STREAM	0.01	HORIZONTAL MOUNT	1, 2, 3
011-FD-02-019D	RUSKIN	DIBD2	DYNAMIC FIRE DAMPER	1-1/2 HOUR	2000	CURTAIN TYPE OUT OF AIR STREAM	0.01	HORIZONTAL MOUNT	1, 2, 3

NOTES:

1. LEAKAGE CLASS I PER UL STANDARD 555S.
2. PROVIDE SQUARE TO ROUND ADAPTOR AS REQUIRED.
3. PROVIDE ACCESS AND LABEL DAMPER IN ACCORDANCE WITH NFPA AND IMC REQUIREMENTS.

FIRE/ SMOKE COMBINATION DAMPER

TAG	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	DAMPER TYPE	UL RATING	VELOCITY RATING (FPM)	BLADE POSITION	MAX PRESSURE DROP (" WC)	APPLICATION	ELECTRICAL			NOTES
									VOLTS	PHASE	AMPS	
011-FSD-01-019A	RUSKIN	FSD60	COMBINATION SMOKE / FIRE	1-1/2 HOUR	4000	OPPOSED BLADE IN AIR STREAM	0.03	HORIZONTAL MOUNT	120	1	.2	1,2,3,4

NOTES:

1. LEAKAGE CLASS I PER UL STANDARD 555S.
2. PROVIDE SQUARE TO ROUND ADAPTOR AS REQUIRED.
3. INTERLOCK FIRE/ SMOKE DAMPER WITH FIRE ALARM SYSTEM.
4. PROVIDE ACCESS AND LABEL DAMPER IN ACCORDANCE WITH NFPA AND IMC REQUIREMENTS.

AIR OUTLET SCHEDULE

TAG	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	SERVICE	TYPE	MATERIAL	MOUNTING	PATTERN	NOTES
RG	TITUS	350 RL	RETURN	GRILLE	STEEL	LAY-IN	FIXED	1, 2
RG2	TITUS	R-300F	RETURN	GRILLE	STEEL	DUCT	ROUND SINGLE DEFLECTION	1, 2
RG3	TITUS	350 RL	RETURN	GRILLE	STEEL	SURFACE	FIXED	1, 2
SD	TITUS	TMRA	SUPPLY	DIFFUSER	STEEL	DUCT	ROUND ADJUSTABLE	1, 2
SD2	TITUS	R-300F	SUPPLY	GRILLE	STEEL	DUCT	ROUND SINGLE DEFLECTION	1, 2
SD3	TITUS	MCD	SUPPLY	DIFFUSER	STEEL	LAY-IN	4-WAY ADJUSTABLE	1, 2

NOTES:

1. COLOR TO BE WHITE.
2. PROVIDE SQUARE TO ROUND ADAPTER AS REQUIRED.

(IN-ROW) CONDENSING UNIT SCHEDULE

TAG	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	AIRFLOW (CFM)	AMBIENT DESIGN (DEG F DB)	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	ELECTRICAL				WEIGHT (LB)	NOTES
							VOLT / PH	HZ	FLA	MOCP		
11-CU-01	LIEBERT	MCM 040	5,928	105	74.3	74.3	460 / 3	60	1.4	15	585	1, 2, 3, 4
11-CU-02	LIEBERT	MCL 055	10,990	105	132.7	123.8	460 / 3	60	2.8	15	700	1, 2, 3, 4
11-CU-03	LIEBERT	MCM 040	5,928	105	74.3	74.3	460 / 3	60	1.4	15	585	1, 2, 3, 4
11-CU-04	LIEBERT	MCM 040	5,928	105	74.3	74.3	460 / 3	60	1.4	15	585	1, 2, 3, 4
11-CU-05	LIEBERT	MCL 055	10,990	105	132.7	123.8	460 / 3	60	2.8	15	700	1, 2, 3, 4

NOTES:

1. PROVIDE MANUFACTURER STAND FOR CONDENSING UNIT.
2. PROVIDE REFRIGERANT PIPING IN STRICT ACCORDANCE WITH MANUFACTURER AND VA SPEC REQUIREMENTS.
3. PROVIDE SINGLE POINT POWER CONNECTION.
4. PROVIDE WITH IBC SNOW LOAD CERTIFICATION.

BACK FLOW PREVENTER SCHEDULE

TAG	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	TYPE	WATER CONNECTION SIZE (")	NOTES
11-BFP-01-019	WATTS	LF009 QT	REDUCED PRESSURE BACK FLOW PREVENTER	1/2	1

NOTES:

1. LEAD FREE, QUARTER TURN VALVES AIR GAP FITTING.

WATER SOFTENER SCHEDULE

TAG	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	MAX FLOW RATE (GPM)	WATER CONNECTION SIZE (")	PRESSURE (PSI)
11-WS-01-019	3M	SF165	0.5	1/2	10-125 PSI

LOUVER SCHEDULE

TAG	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	SERVICE	TYPE	MATERIAL	PRESS. DROP (" WC)	SIZE			MIN. FREE AREA (SQFT)	NOTES
							WIDTH (INCH)	HEIGHT (INCH)	DEPTH (INCH)		
11-L-01-019	GREENHECK	ESD-63SHP	INTAKE	FIXED	ALUMINUM	-	12	12	6	0.27	1, 2, 3
11-L-02-019	GREENHECK	ESD-63SHP	RELIEF	FIXED	ALUMINUM	-	12	12	6	0.27	1, 2, 3

NOTES:

1. PROVIDE 1/2"x1/2" 19 GAUGE ALUMINUM BIRD SCREEN ON INSIDE OF LOUVER.
2. PROVIDE BAKED ENAMEL BLACK FINISH.
3. FINAL DIMENSIONS / ALLOWABLE PRESSURE DROP SHALL BE SELECTED BY FIRE PROTECTION CONTRACTOR BASED ON THE SIZING OF THE CLEAN AGENT FIRE SUPPRESSION SYSTEM AS SHOWN IN THE WORKING DRAWINGS SUBMITTAL REQUIRED BY NFPA 2001.

PRESSURE RELIEF DAMPER SCHEDULE

TAG	LOCATION	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	DAMPER TYPE	MOUNTING	INSTALLATION ARRANGEMENT	SIZE		NOTES
							DIAMETER (INCH)	LENGTH (INCH)	
11-PRD-01-019	11-019 MCR	RUSKIN	ZBBD25	BAROMETRIC BYPASS	HORIZONTAL	IN-LINE WITH DUCT	12	13	1, 2, 3
11-PRD-02-019	11-019 MCR	RUSKIN	ZBBD25	BAROMETRIC BYPASS	HORIZONTAL	IN-LINE WITH DUCT	12	13	1, 2, 3

NOTES:

1. IF VENT AREA IS OVER 1 SQFT, BLAST PROTECTION MUST BE PROVIDED.
2. IF VENT IS TWO WAY, PRD-02 MAY BE UNNECESSARY. GASEOUS SUPPRESSION AGENT SHALL DETERMINE IF TWO-WAY VENT IS REQUIRED.
3. FINAL DIMENSIONS / OPENING PRESSURE SHALL BE SELECTED BY FIRE PROTECTION CONTRACTOR BASED ON THE SIZING OF THE CLEAN AGENT FIRE SUPPRESSION SYSTEM AS SHOWN IN THE WORKING DRAWINGS SUBMITTAL REQUIRED BY NFPA 2001.

SINGLE DUCT TERMINAL UNIT SCHEDULE

TAG	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	TYPE	CONNECTION SIZE INLET (IN)	CONNECTION SIZE OUTLET (IN)	CFM MIN	CFM MAX	STATIC INLET (IN WC)	STATIC DOWN (IN WC)	STATIC MIN. (IN WC)	RADIATED NOISE (NC)	DISCHARGE NOISE (NC)	HOT WATER COIL											NOTES
													CFM	MBH	EAT (DEG F)	EWT (DEG F)	LAT (DEG F)	APD (IN WC)	GPM	LWT (DEG F)	WPD (FT)	ROWS	FPI	
011-TU-01-019A	TITUS	DESV	CV	4	12 X 8	100	100	0.75	0.25	0.03	11	25	100	1.9	55	160	72	0.01	0.1	96.9	0	1	10	1
011-TU-01-019D	TITUS	DESV	CV	4	12 X 8	120	120	0.75	0.25	0.06	15	28	120	5.2	55	160	95	0.03	0.4	133.5	0.04	2	10	1

NOTES:

1. EXTEND LOW VOLTAGE POWER FROM REMOVED VAV UNIT.

Revisions:	Date:

CONSULTANT/ DISCIPLINE

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VA U.S. Department of Veterans Affairs

Drawing Title	MECHANICAL SCHEDULES
Phase	100% CONSTRUCTION DOCUMENTS
Project Title	EHRM Infrastructure Upgrades - Kerrville (South Texas)
Project Number	671A4-21-700
Building Number	
Approved:	
Location	Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date	11/21/2025
Checked	MGH/JW
Drawn	KGC/YRQ/EC
Drawing Number	M-602

VA FORM 08 - 6231
11/19/2025 10:41:19 AM
Autodesk Docs://671A4-21-700
VATX Kerrville EHRM/COVER
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ABBREVIATIONS

AC	AIR CONDITIONING
A/E	ARCHITECT / ENGINEER
AFF	ABOVE FINISH FLOOR
AI	ANALOG INPUT
AO	ANALOG OUTPUT
ASHRAE	AMERICAN SOCIETY OF HEATING REFRIGERATION, AIR CONDITIONING ENGINEERS
BACNET	BUILDING AUTOMATION AND CONTROL NETWORK
BAS	BUILDING AUTOMATION SYSTEM
BFP	BACK FLOW PREVENTER
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
C	CELSIUS
CD	CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
CHR	CHILLED WATER RETURN
CHS	CHILLED WATER SUPPLY
CO	CLEANOUT
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CU	CONDENSING UNIT
CW	COLD WATER (POTABLE)
DB	DRY BULB
DDC	DIRECT DIGITAL CONTROL
ECC	ENGINEERING CONTROL CENTER (AKA BAS)
E	EXISTING
F	FAHRENHEIT
FCO	FLOOR CLEANOUT
FDC	FIRE DEPARTMENT (HOSE) CONNECTION
H/L	HIGH LEVEL
IV	ISOLATION VALVE
L/L	LOW LEVEL
MCR	MAIN COMPUTER ROOM
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NPS	NOMINAL PIPE SIZE
NTS	NOT TO SCALE
P	PUMP
PPM	PARTS PER MILLION
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH - ABSOLUTE
PSIG	POUNDS PER SQUARE INCH - GAGE
RG	RETURN GRILLE
RHC	REHEAT COIL
RL	REFRIGERANT LIQUID LINE
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION
SAT	SUPPLY AIR TEMPERATURE
SPD	SUPPLY PROCESS AND DISTRIBUTION
SPS	STATIC PRESSURE SENSOR
SQFT	SQUARE FOOT (FEET)
SW	SOFTWATER
TAB	TESTING, ADJUSTING, BALANCE
TF	TRANSFER FAN
TR	TELECOMMUNICATIONS ROOM
TU	TERMINAL UNIT
VD	VOLUME DAMPER
VRF	VARIABLE REFRIGERANT FLOW
VRV	VARIABLE REFRIGERANT VOLUME
WB	WET BULB
WC	WATER COLUMN
WCO	WALL CLEANOUT
WG	WATER GAUGE
WPD	WATER PRESSURE DROP

CONTROLS SYMBOLS

T	ROOM THERMOSTAT/TRANSMITTER - WALL MOUNT
M	ROOM HUMIDISTAT (MOISTURE)/TRANSMITTER - WALL MOUNT
TT	TEMPERATURE TRANSMITTER
TT	TEMPERATURE TRANSMITTER, AVERAGING ELEMENT
MT	MOISTURE (HUMIDITY) TRANSMITTER
PT	PRESSURE TRANSMITTER
SPS	STATIC PRESSURE SENSOR
FT	FLOW TRANSMITTER
IT	CURRENT TRANSMITTER
CT	CONDUCTIVITY TRANSMITTER
SD	SMOKE DETECTOR
PDT	PRESSURE DIFFERENTIAL TRANSMITTER
PDS	PRESSURE DIFFERENTIAL SWITCH
HS	HAND SWITCH (HAND-OFF-AUTO SWITCH)
ZC	VALVE OR DAMPER POSITION CONTROLLER
KR	LOCAL RECORDING TIME CLOCK (RUNTIME)
TSL	TEMPERATURE SWITCH, LOW (FREEZESTAT)
TSH	TEMPERATURE SWITCH, HIGH (FREEZESTAT)
LC	LEVEL CONTROLLER
LT	LEVEL TRANSMITTER
RHC	RE HEAT COIL
FE	AIRFLOW SENSOR
TE	TEMPERATURE SENSOR
ATU	AIR TERMINAL UNITS
PSH	PRESSURE SWITCH HIGH

CONTROLS SYMBOLS

PSL	PRESSURE SWITCH LOW
EPT	ELECTRONIC TO PNEUMATIC TRANSDUCER
AT CO2	CARBON DIOXIDE TRANSMITTER
AT CO	CARBON MONOXIDE TRANSMITTER
AT OC	OCCUPANCY SENSOR
LTCP	LOCAL TEMPERATURE CONTROL PANEL
HVAC	HVAC CONTROL PANEL
VSMC	VARIABLE SPEED MOTOR CONTROLLER
ECC	INTEGRATE CONTROL POINT ON REMOTE GRAPHICS WORKSTATION AT ENERGY CONTROL CENTER
TC	TEMPERATURE CONTROLLER. SEE SEQUENCE OF OPERATION
PC	PRESSURE CONTROLLER. SEE SEQUENCE OF OPERATION
SC	SPEED CONTROLLER. SEE SEQUENCE OF OPERATION
FC	FLOW CONTROLLER. SEE SEQUENCE OF OPERATION
FSH	FLOW SWITCH HIGH
FSL	FLOW SWITCH LOW
KC	TIME CLOCK CONTROLLING EQUIPMENT ON A SCHEDULE
PS	ROOM PRESSURE SENSOR
	TEMPERATURE SENSING ELEMENT FOR TRANSMITTING TEMPERATURE TO EMCS (PROVIDE 12 INCHES [200mm] MINIMUM LENGTH IN DUCT WHEN SPACE PERMITS.)
A	SENSOR WITH AVERAGING ELEMENT TO TRANSMIT TEMPERATURE TO EMCS
	MOTOR STARTER
M	ELECTRIC OPERATED CONTROL DAMPER/OR VALVE

VALVE SYMBOLS

GATE VALVE - THREADED/FLANGED
GLOBE VALVE - THREADED/FLANGED
GATE VALVE WITH 3/4" HOSE ADAPTER
CHECK VALVE
WYE STRAINER (WITH BALL VALVE & HOSE CONNECTION)
WYE STRAINER WITH VALVED DRAIN AND QUICK-COUPLE HOSE CONNECTOR
FLEXIBLE CONNECTION
ANGLE GLOBE VALVE
BUTTERFLY VALVE
BALL VALVE
MODULATING CONTROL VALVE
MODULATING CONTROL BUTTERFLY VALVE
TWO POSITION CONTROL VALVE
THREE-WAY MODULATING CONTROL VALVE
THREE-WAY TWO POSITION CONTROL VALVE
PRESSURE REGULATING VALVE
PRESSURE SAFETY VALVE
AUTOMATIC BALANCING CONTROL VALVE
WATER BALANCE DEVICE
CIRCUIT SETTER VALVE
GATE VALVE WITH GLOBE-VALVED BYPASS
PLUG VALVE
CONTROL VALVE (CV) - FLOAT-OPERATED
PRESSURE REGULATING VALVE (PRV)
WATER LEVEL CONTROLLER
FLOW METER

Revisions:	Date:

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Drawing Title: MECHANICAL CONTROL LEGENDS & ABBREVIATIONS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

Project Title: EHRM Infrastructure Upgrades - Kerrville (South Texas)

Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208

Issue Date: 11/21/2025

Checked: MGH/JW

Drawn: KG/CY/RQ/EC

Project Number: 671A4-21-700

Building Number:

Drawing Number: M-701

VA FORM 08 - 6231

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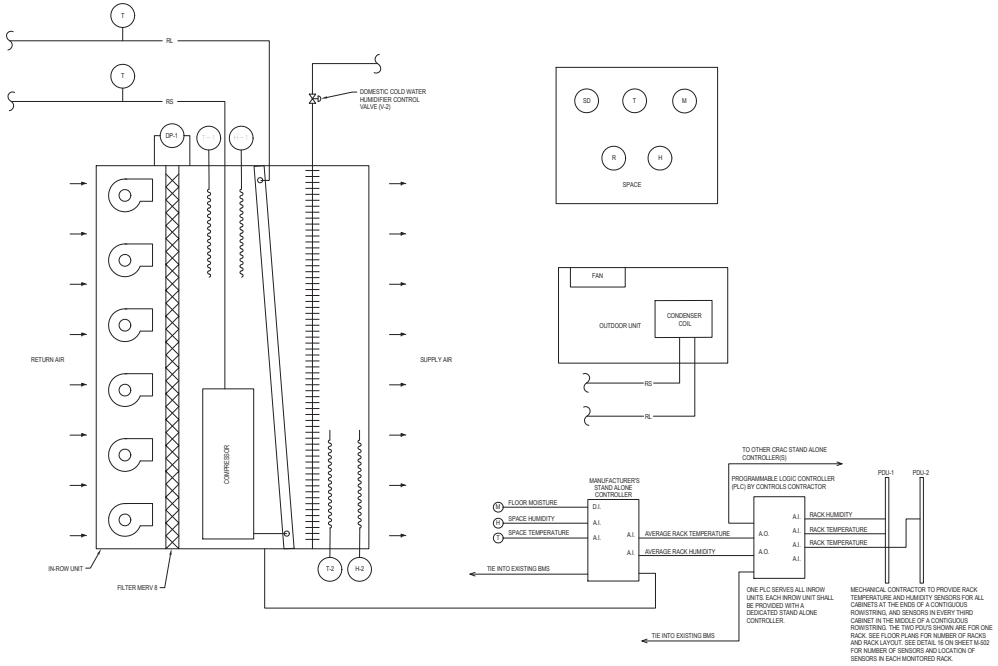
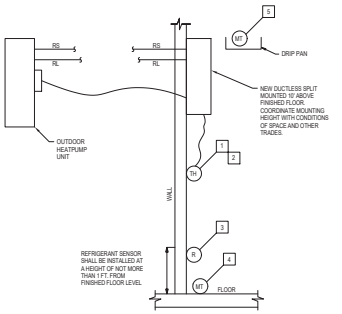


1 IN-ROW COOLER UNIT CONTROL DIAGRAM



SYSTEM: DUCTLESS SPLIT UNITS CONTROLLER						
ENERGY MANAGEMENT & CONTROL POINTS IDENTIFICATION		A-I	A-O	B-I	B-O	
TAG	NAME					REMARKS
1	TEMPERATURE	●				MANUFACTURER THERMOSTAT HUMIDITY SENSOR COMBO WITH BACNET CONNECTION
2	HUMIDITY	●				
3	REFRIG. SENSOR			●		
4	FLOOR MOISTURE			●		
5	DRIP PAN MOISTURE			●		

SEQUENCE OF OPERATION

1. TEMPERATURE CONTROL AND MONITORING

1.1 THE DUCTLESS SPLIT(S) SHALL OPERATE CONTINUOUSLY TO MAINTAIN A SPACE TEMPERATURE OF 75°(ADJ).

1.2 SHOW SPACE TEMPERATURE AND HUMIDITY AT THE GRAPHIC DISPLAY. PROVIDE TEMPERATURE TRENDS.

2. ALARMS

2.1 IF THE TEMPERATURE EXCEEDS 80°F IN THE TR, AN ALARM STATE SHALL BE GENERATED AT THE OPERATOR WORKSTATION.

2.2 IF MOISTURE IS DETECTED ON FLOOR, AN ALARM STATE SHALL BE GENERATED AT THE OPERATOR WORKSTATION.

2.3 IF DRIP PAN(S) EXIST IN THE TELECOM ROOM AND MOISTURE IS DETECTED IN DRAIN PAN(S), AN ALARM STATE SHALL BE GENERATED AT THE OPERATOR WORKSTATION. SEE MECHANICAL PLANS (011-M-410, 011-M-412, 011-M-413, AND 011-M-414) FOR QUANTITY AND LOCATION(S) OF PANS.

2.4 IF TELECOM ROOM REFRIGERANT LEVELS EXCEED THE CONCENTRATION LEVELS (PPM) LISTED BELOW, AN ALARM STATE SHALL BE GENERATED AT THE OPERATOR WORKSTATION.
R410A - 1,000 PPM
R-32 - 1,000 PPM
R-454B - 850 PPM

2 TELECOMMUNICATION ROOM CONTROL DIAGRAM

SYSTEM: IN-ROW UNITS STANDALONE CONTROLLER			POINT LEGEND	SYSTEM OUTPUTS		SYSTEM INPUTS																SYSTEM SOFTWARE/CONTROL												
				BINARY	ANA-LOG	BINARY							ANALOG									ALARM PROCESSING				APPLICATION/FUNCTION										
SYSTEM COMPONENT:	POINT ID	ABBREVIATION	DIGITAL ALARM LABEL (N.A.)	A.I. FOR DIGITAL	A.O. FOR DIGITAL	DIGITAL OUTPUT	DIGITAL INPUT	DIGITAL OUTPUT	DIGITAL INPUT	DIGITAL OUTPUT	DIGITAL INPUT	ANALOG OUTPUT	ANALOG INPUT	ANALOG OUTPUT	ANALOG INPUT	ANALOG OUTPUT	ANALOG INPUT	ANALOG OUTPUT	ANALOG INPUT	ANALOG OUTPUT	ANALOG INPUT	DIGITAL ALARM LABEL	DIGITAL ALARM DELAY	DIGITAL ALARM PRIORITY	DIGITAL ALARM RESET	DIGITAL ALARM ENABLE	DIGITAL ALARM DELAY	DIGITAL ALARM PRIORITY	DIGITAL ALARM RESET	DIGITAL ALARM ENABLE	ANALOG ALARM LABEL	ANALOG ALARM DELAY	ANALOG ALARM PRIORITY	ANALOG ALARM RESET	ANALOG ALARM ENABLE	REMARKS
RETURN AIR TEMPERATURE	AI-1	RAT						●				●																								
RETURN AIR HUMIDITY	AI-2	RAH						●								●				●	●															
SYSTEM AIR FLOW (CFM)	AI-3	SAF						●						●																						
SUPPLY AIR TEMPERATURE	AI-4	SAT						●				●								●	●															
INFRARED HUMIDIFIER STATUS	AI-5	HUM																																		
SUCTION LINE TEMP	AI-6	DX-SLT										●																								
LIQUID LINE TEMP	AI-7	DX-LLT										●																								
HUMIDIFIER VALVE V-2	AI-8	HUM-V2						●						●						●																
EQUIPMENT MODE	AI-9	MODE				●						●																								
SUPPLY FAN STATUS	BI-1	SF-STS						●																												
MOISTURE SENSOR	BI-2	MS							●																											
CONDENSER STATUS	BI-3	COND-STS						●																												
COMPRESSOR STATUS	BI-4	COMP-STS						●																												

3 POINTS LIST FOR IN-ROW COOLER UNITS

1. GENERAL

1.1 UNITS ARE STARTED AND STOPPED REMOTELY VIA MANUFACTURER'S STAND ALONE CONTROLLERS. STAND ALONE CONTROLLERS FOR EACH CRAC UNIT SHALL COMMUNICATE WITH THE OTHER STAND ALONE CONTROLLER(S) TO COMMUNICATE STATUS OF IN-ROW COOLER UNITS.

1.2 AVERAGE RACK TEMPERATURE AND HUMIDITY SHALL BE REPORTED TO THE STAND ALONE CONTROLLERS FROM THE PLC.

2. TEMPERATURE CONTROL

2.1 THE TELECOM RACK INLET TEMPERATURE SETPOINT SHALL BE 75°F (ADJ) WITH A 2°F (ADJ) DRIFT POINT.

2.2 THE AVERAGE INLET RACK TEMPERATURES SHALL BE CONTROLLED BY MODULATING THE COMPRESSOR(S) AS THE FIRST STAGE OF COOLING AND THEN MODULATING THE SUPPLY FAN PER THE SEQUENCE LISTED IN 3.1 BELOW AS THE SECOND STAGE OF COOLING.

3. AIRFLOW CONTROL

3.1 THE SUPPLY AIRFLOW SHALL BE CONTROLLED BY MODULATING ALL OF THE SUPPLY FANS SPEEDS UNIFORMILY FROM A MINIMUM OF 60% (ADJ) OF THE SCHEDULED AIRFLOW TO A MAXIMUM OF 100% (ADJ) OF THE SCHEDULED AIRFLOW TO MAINTAIN AN AVERAGE INLET RACK TEMPERATURE SETPOINT.

4. INFRARED INTEGRAL HUMIDIFIER

4.1 THE INTEGRAL HUMIDIFIER SHALL PROVIDE PROPORTIONAL HUMIDIFICATION TO THE SUPPLY AIRSTREAM TO MAINTAIN THE SPACE HUMIDITY SETPOINT OF 30% (ADJ) RELATIVE HUMIDITY.

4.2 THE HUMIDIFIER SHALL NOT OPERATE IF THE RELATIVE HUMIDITY OF THE SUPPLY AIR EXCEEDS 95% (ADJ).

5. ALARMS

5.1 IF THE SUPPLY AIR DISCHARGE TEMPERATURE DROPS BELOW 50°F (ADJ) THE UNIT SHALL GENERATE AN ALARM AT THE OPERATOR WORKSTATION.

5.2 IF THE SPACE TEMPERATURE EXCEEDS 85°F (ADJ) OR DROPS BELOW 50°F (ADJ), ALARM AT THE OPERATOR WORKSTATION.

5.3 IF THE SPACE HUMIDITY SENSOR EXCEEDS 55% (ADJ) OR DROPS BELOW 20% (ADJ), ALARM AT THE OPERATOR WORKSTATION.

5.4 IF THE SPACE MOISTURE SENSOR(S) IN THE DATA CENTER DETECTS MOISTURE, ALARM AT OPERATOR WORKSTATION.

6. EMERGENCY SHUTDOWN

6.1 UPON DETECTION OF SMOKE IN THE DATA CENTER SPACE FROM THE ROOM SMOKE DETECTOR THE FIRE ALARM SYSTEM SHALL SHUT DOWN THE IN-ROW COOLER UNITS AND THE FIRE/SMOKE DAMPER(S) IN THE VENTILATION DUCTWORK SHALL CLOSE. FANS SHALL RESTART AND SMOKE DAMPERS SHALL OPEN WHEN THE FIRE ALARM CIRCUIT IS RESET.

6.2 THE IN-ROW COOLER UNITS SHALL BE SHUT DOWN VIA THE EMERGENCY MUSHROOM PUSHBUTTONS LOCATED AT BOTH ENTRANCES TO THE DATA CENTER. THIS SHALL BE A HARD SHUTDOWN. THE UNIT SHALL NOT RESTART UNTIL MANUALLY RESET. SEE ELECTRICAL DRAWINGS FOR WIRING DETAILS.

4 SEQUENCE OF OPERATION FOR IN-ROW COOLER UNITS

SYSTEM: IN-ROW UNITS PLC			POINT LEGEND	SYSTEM OUTPUTS		SYSTEM INPUTS																SYSTEM SOFTWARE/CONTROL												
				BINARY	ANA-LOG	BINARY							ANALOG									ALARM PROCESSING				APPLICATION/FUNCTION										
SYSTEM COMPONENT:	POINT ID	ABBREVIATION	DIGITAL ALARM LABEL (N.A.)	A.I. FOR DIGITAL	A.O. FOR DIGITAL	DIGITAL OUTPUT	DIGITAL INPUT	DIGITAL OUTPUT	DIGITAL INPUT	DIGITAL OUTPUT	DIGITAL INPUT	ANALOG OUTPUT	ANALOG INPUT	ANALOG OUTPUT	ANALOG INPUT	ANALOG OUTPUT	ANALOG INPUT	ANALOG OUTPUT	ANALOG INPUT	ANALOG OUTPUT	ANALOG INPUT	DIGITAL ALARM LABEL	DIGITAL ALARM DELAY	DIGITAL ALARM PRIORITY	DIGITAL ALARM RESET	DIGITAL ALARM ENABLE	DIGITAL ALARM DELAY	DIGITAL ALARM PRIORITY	DIGITAL ALARM RESET	DIGITAL ALARM ENABLE	ANALOG ALARM LABEL	ANALOG ALARM DELAY	ANALOG ALARM PRIORITY	ANALOG ALARM RESET	ANALOG ALARM ENABLE	REMARKS
RACK INLET TEMPERATURE PDU-1	AI-1	RAT						●				●									●															REMARK 1
RACK INLET TEMPERATURE PDU-2	AI-2	RAH						●				●									●															REMARK 1
RACK INLET HUMIDITY PDU-1	AI-3	SAF						●										●			●															REMARK 1
RACK INLET HUMIDITY AVERAGE	AI-4	SAT						●										●			●														●	
RACK INLET TEMPERATURE AVERAGE	AI-5	CLG-V1						●				●									●														●	
SPACE AIR TEMPERATURE	AI-6	HUM						●				●									●														●	
STATIC PRESSURE	AI-7	CLG-EWT						●									●				●								●						●	
FILTER DIFFERENTIAL PRESSURE	AI-8	CLG-LWT						●									●				●														●	
SPACE AIR HUMIDITY	AI-9	DX-SLT						●										●			●														●	
SPACE SMOKE DETECTOR	AI-10	DX-LT																																		

REMARK 1: SENSORS LISTED FOR PDU-1 AND PDU-2 ARE FOR 1 RACK. SEE PLANS FOR NUMBER OF RACKS IN DATA CENTER.

5 POINTS LIST FOR IN-ROW COOLER UNITS PLC

1. GENERAL

1.1 THE PLC CONTROL SYSTEM SHALL MONITOR THE DATA CABINET INLET TEMPERATURE AND HUMIDITY SENSOR ARRAY, AVERAGE THE TEMPERATURES AND HUMIDITIES ACROSS THE RACKS, AND COMMUNICATE WITH BOTH THE STANDALONE CONTROLLER AND BMS.

1.2 DIFFERENTIAL PRESSURE SENSOR DP-1 USED TO DETERMINE PRESSURE DROP THROUGH THE FILTER. TAB CONTRACTOR TO SET CLEAN AND DIRTY DIFFERENTIAL PRESSURE SETPOINTS.

2. ALARMS

2.1 IF ANY INDIVIDUAL RACK INLET TEMPERATURE EXCEEDS 85°F (ADJ) OR DROPS BELOW 50°F (ADJ), THE UNIT SHALL GENERATE AN ALARM AT THE OPERATOR WORKSTATION.

2.2 IF ANY INDIVIDUAL RACK INLET HUMIDITY EXCEEDS 55% (ADJ) OR DROPS BELOW 20% (ADJ), THE UNIT SHALL GENERATE AN ALARM AT THE OPERATOR WORKSTATION.

2.3 IF THE REFRIGERANT DETECTOR IN DATA CENTER OR IN CORRIDOR ADJACENT TO DATA CENTER ROOM DETECTS A LEVEL ABOVE 1,000 PPM (ADJ), ALARM AT OPERATOR WORKSTATION. MANUFACTURER'S STAND ALONE CONTROLLERS SHALL BE DIRECTED TO SHUT OFF THE CONDENSING UNITS AND TURN THE FAN SPEED TO MAXIMUM. PPM LIMIT OF REFRIGERANT DETECTORS IS FOR R407C REFRIGERANT. CONTRACTOR TO ADJUST PPM LIMIT PER ASHRAE 15&34 IF A DIFFERENT REFRIGERANT IS USED.

2.4 IF THE AVERAGE RACK INLET TEMPERATURE EXCEEDS 100°F (ADJ), ALARM AT THE OPERATOR WORKSTATION.

2.5 IF THE AVERAGE RACK HUMIDITY EXCEEDS 80% (ADJ), ALARM AT THE OPERATOR WORKSTATION.

6 SEQUENCE OF OPERATION FOR IN-ROW COOLER UNITS PLC

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
MECHANICAL CONTROLS I	100% CONSTRUCTION DOCUMENTS	EHRM Infrastructure Upgrades - Kerrville (South Texas)	671A4-21-700
Approved:		Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208	Building Number
		Issue Date: 11/21/2025	Drawing Number: M-702
		Checked: MGH/JW	
		Drawn: CYGJMA/EBQ/BC	149 of 339

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VATX Kerrville EHRMICOVER
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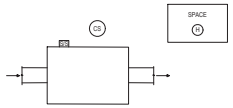
SYSTEM: DEHUMIDIFIER			POINT LEGEND	SYSTEM OUTPUTS		SYSTEM INPUTS		SYSTEM SOFTWARE/CONTROL		
				BINARY	ANALOG	BINARY	ANALOG	ALARM PROCESSING	APPLICATION/FUNCTION	
SYSTEM COMPONENT:	POINT ID	ABBREVIATION								REMARKS
ROOM AIR HUMIDITY	H-1	RAH					●		● ●	●
CURRENT SENSOR	CS-1	CURR-SENS			●				●	●
UNIT ENABLE DISABLE	SS-1	START/STOP		●				●		

7 POINTS LIST FOR DEHUMIDIFIERS



1. GENERAL
1.1 THE UNIT IS STARTED AND STOPPED REMOTELY BY THE ECC.

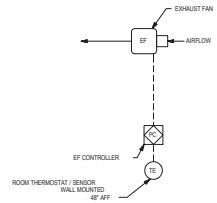
2. HUMIDITY CONTROL
2.1 IF THE ROOM HUMIDITY SENSOR, H, SENSES A ROOM RELATIVE HUMIDITY OF 55% (VAR) OR GREATER, THE DEHUMIDIFIER SHALL BE ENABLED.
2.2 WHEN THE ROOM RELATIVE HUMIDITY LEVEL, AS SENSED BY H, FALLS BELOW 55% +- 5%(VAR) THE DEHUMIDIFIER SHALL BE DISABLED.

3. ALARM
3.1 IF DEHUMIDIFIER IS ENABLED BUT CS-1 DOES NOT SENSE ANY CURRENT, ALARM AT OPERATOR WORK STATION.
3.2 IF SPACE HUMIDITY, SENSED BY H, RISES ABOVE 60% (VAR), ALARM AT OPERATOR WORK STATION.

8 SEQUENCE OF OPERATION FOR DEHUMIDIFIERS (DH-01, DH-02)

SYSTEM: EXHAUST FANS			POINT LEGEND	SYSTEM OUTPUTS		SYSTEM INPUTS		SYSTEM SOFTWARE/CONTROL		
				BINARY	ANALOG	BINARY	ANALOG	ALARM PROCESSING	APPLICATION/FUNCTION	
SYSTEM COMPONENT:	POINT ID	ABBREVIATION								REMARKS
ROOM AIR TEMPERATURE	TE-01	RAT				●			●	● ●
ENABLE/DISABLE	SS-01	START/STOP		●						

9 POINTS LIST FOR EXHAUST FANS



1. GENERAL
1.1. THE UNIT IS STARTED AND STOPPED REMOTELY AT THE ECC.

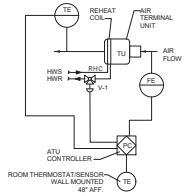
2. CONTROLS
2.1. EXHAUST FAN CONTROLLER SHALL BE SET TO MAINTAIN ROOM TEMPERATURE OF 75°F.
2.2. WHEN ROOM TEMPERATURE EXCEEDS 75°F, FAN WILL RUN AT MAXIMUM SPEED.
2.3. FAN SPEED SHALL NOT FALL BELOW A MINIMUM OF 20% MAXIMUM SPEED.

3. ALARMS
3.1. IF SPACE TEMPERATURE EXCEEDS 90°F, ALARM AT OPERATOR WORKSTATION.

10 SEQUENCE OF OPERATION FOR EXHAUST FAN

SYSTEM: VAV TERMINAL			POINT LEGEND	SYSTEM OUTPUTS		SYSTEM INPUTS		SYSTEM SOFTWARE/CONTROL		
				BINARY	ANALOG	BINARY	ANALOG	ALARM PROCESSING	APPLICATION/FUNCTION	
SYSTEM COMPONENT:	POINT ID	ABBREVIATION								REMARKS
ROOM AIR TEMPERATURE	TE-01	RAT				●			●	● ●
TERMINAL UNIT AIRFLOW	FE-01	TUAF					●		●	● ●
DAMPER POSITION	D-01	DAMP			●		●			

11 POINTS LIST FOR VAV TERMINAL



1. GENERAL
1.1. THE UNIT IS STARTED AND STOPPED REMOTELY AT THE ECC.

2. CONTROLS
2.1. DAMPER SHALL MODULATE TO MAINTAIN THE AIRFLOW SET POINT AT ALL TIMES.
2.2. HEATING COIL SHALL ENGAGE TO MEET TEMPERATURE SET POINT. UPON DROP IN SPACE TEMPERATURE VALVE V-1 WILL MODULATE TO MAINTAIN SET POINT – 0.5° F. THE ADJUSTABLE TOLERANCE OF +- 0.5° F HAS BEEN SELECTED TO PREVENT VALVE HUNTING

3. ALARMS
3.1. IF AIR TERMINAL UNIT IS ENABLED BUT FE-01 DOES NOT SENSE ANY AIRFLOW, ALARM AT OPERATOR WORKSTATION.
3.2. IF SPACE TEMPERATURE EXCEEDS 90°F, ALARM AT OPERATOR WORKSTATION.

12 SEQUENCE OF OPERATION FOR VAV TERMINAL UNITS

Revisions:	Date:

CONSULTANT/ DISCIPLINE
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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
MECHANICAL CONTROLS II	100% CONSTRUCTION DOCUMENTS	EHRM Infrastructure Upgrades - Kerrville (South Texas)	671A4-21-700
Approved:		Location: Kerrville VA Medical Center, 3600, Memorial Blvd, Kerrville, Texas 78208	Building Number
		Issue Date: 11/21/2025 · Checked: MGH/JW · Drawn: CYU/MA/EA/RQ/BC	Drawing Number: M-703
			150 of 339

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VATX Kerrville EHRM/COVER
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ABBREVIATIONS

1PH	SINGLE-PHASE
1P	SINGLE POLE
2/C	TWO-CONDUCTOR
3/C	THREE-CONDUCTOR
3PH	THREE-PHASE
4/C	FOUR-CONDUCTOR
4W	FOUR-WIRE
A/C	AIR CONDITIONING UNIT
A/E	ARCHITECT/ENGINEER
AAP	ALARM ANNUNCIATOR PANEL
AC	ALTERNATING CURRENT OR ARMORED CABLE
ACC	ACCESSIBLE
ADDL	ADDITIONAL
ADJ	ADJACENT, ADJOINING
AF	AMPERE FRAME OR AMP FUSE
AFC	ABOVE FINISHED COUNTER, AUTOMATIC FREQUENCY CONTROL, OR AVAILABLE FAULT CURRENT
AFCI	ARC-FAULT CURRENT INTERRUPTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AH	AMPERE HOUR
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AMPERE INTERRUPTING CAPACITY
ALT	ALTERNATE
AMB	AMBIENT
AMP	AMPERE
ARCH	ARCHITECT
ASC	AMPS SHORT CIRCUIT
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AV	AUDIO VISUAL
BAT	BATTERY
BD	BOARD
BFF	BELOW FINISH FLOOR
BLDG	BUILDING
BMS	BUILDING MANAGEMENT SYSTEM
BRKR	BREAKER
BYP	BY PASS
C	CONDUIT
CAB	CABINET
CALC	CALCULATE
CAP	CAPACITY
CAT	CATALOG
CATV	COMMUNITY ANTENNA TELEVISION
CCR	CONTROL CONTACTOR
CCTV	CLOSED CIRCUIT TELEVISION
CD	CANDELA
CD	CONSTRUCTION DOCUMENTS
CF	CONTRACTOR FURNISHED
CF/CI	CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED
CF/OI	CONTRACTOR FURNISHED/ OWNER INSTALLED
CFE	CONTRACTOR FURNISHED EQUIPMENT
CHW	CHILLED WATER
CHWP	CHILLED WATER PUMP
CKT	CIRCUIT
C/B	CIRCUIT BREAKER
CL	CONNECTOR LIGHTING
CLF	CURRENT LIMITING FUSE
CLG	CEILING
CO	CONDUIT ONLY
COAX	COAX CABLE
COMM	COMMUNICATION
COMPT	COMPARTMENT
CONC	CONCRETE
CONT	CONTINUE
CONTR	CONTRACTOR
COORD	COORDINATE
CPT	CONTROL POWER TRANSFORMER
CRI	COLOR RENDERING INDEX
CT	CURRENT TRANSFORMER
CTV	CABLE TELEVISION
CU	COPPER
CUR	CURRENT
DB	DECIBEL
DC	DIRECT CURRENT
DCP	DIMMER CONTROL PANEL
DDC	DIRECT DIGITAL CONTROLS
DEG C	DEGREES CELSIUS
DEG F	DEGREES FAHRENHEIT
DEMO	DEMOLITION
DIAG	DIAGRAM
DISC	DISCONNECT
DP	DISTRIBUTION PANEL
DMR SW	DIMMER SWITCH
DPDT	DOUBLE POLE, DOUBLE THROW
DPST	DOUBLE POLE, SINGLE THROW
DRSW	DOOR SWITCH
DS	DISCONNECT SWITCH
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
EL	ELEVATION OR EXISTING TO BE RELOCATED
ELEC	ELECTRIC OR ELECTRICAL
ELEV	ELEVATOR
EMER/EM	EMERGENCY
EMI	ELECTROMAGNETIC INTERFERENCE
EMT	ELECTRICAL METALLIC TUBING
EN	EXISTING IN NEW LOCATION
ENCL	ENCLOSURE
EPO	EMERGENCY POWER OFF
EPRF	EXPLOSION PROOF
ER	EXISTING TO REMAIN
ESMT	EASEMENT
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXIST(E)	EXISTING
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FC	FOOTCANDLE
FCIO	FURNISHED BY CONTRACTOR, INSTALLED BY OWNER
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FIXT	FIXTURE
FLA	FULL LOAD AMPS
FLUOR	FLUORESCENT
FP	FIRE PROTECTION
FT	FEET OR FOOT
FU SW	FUSED SWITCH
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
G	ELECTRICAL GROUND
GEN	GENERATOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HT	HEIGHT
HZ	HERTZ
IG	ISOLATED GROUND
IESNA	ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA
IMC	INTERMEDIATE METAL CONDUIT
INCAND	INCANDESCENT
IR	INFRARED
IWH	INSTANTANEOUS WATER HEATER
J-BOX	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KVAH	KILOVOLT AMPERE PER HOUR
KVAR	KILOVOLT AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR
KWHM	KILOWATT HOUR METER
LCP	LIGHTING CONTROL PANEL
LED	LIGHT EMITTING DIODE
LF	LINEAR FEET (FOOT)
LP	LIGHT POLE
LPS	LOW PRESSURE SODIUM
LRA	LOCKED ROTOR AMPS
LT	LIGHT
LTG	LIGHTING
LTG PNL	LIGHTING PANEL
LTNG	LIGHTNING
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	METAL-CLAD
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MH	MANHOLE
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
MLO	MAIN LUGS ONLY
MS	MOTOR STARTER
MT	MOUNT
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
MV	MEDIUM VOLTAGE
MVA	MEGAVOLT-AMPERE
MW	MEGAWATT
NA	NOT APPLICABLE
NAC	NOTIFICATION APPLIANCE CABINET
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NEUT, N	NEUTRAL
NFC	NOT FOR CONSTRUCTION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OL	OVERLOAD
OS	OCCUPANCY SENSOR
P	POLE
PB	PULL BOX
PBB	PRIMARY BONDING BUSBAR
PEC	PHOTOELECTRIC CELL
PED	PEDESTAL
PEND	PENDANT
PIV	POST INDICATOR VALVE
PF	POWER FACTOR
PH	PHASE
PNL	PANEL
PS	POWER SUPPLY
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE (PLASTIC)
PWR	POWER
R	EXISTING TO BE REMOVED
RCP	REFLECTED CEILING PLAN
REC	RECESSED
RECPT	RECEPTACLE
RM	ROOM
RMC	RIGID METAL CONDUIT
RMS	ROOT MEAN SQUARE
REQD	REQUIRED
SAC	SMALL APPLIANCE CIRCUIT
SBB	SECONDARY BONDING BUSBAR
SBC	SECONDARY BONDING CONDUCTOR
SCC	SHORT CIRCUIT CAPACITY
SD	SMOKE DETECTOR
SF	SQUARE FOOT (FEET)
SHT	SHEET
SI	INTERNATIONAL SYSTEM OF UNITS
SM	SMART METER
SPD	SURGE PROTECTIVE DEVICE
SPEC	SPECIFICATION
SPST	SINGLE POLE, SINGLE THROW
SURF	SURFACE
SW	SWITCH
SWBD OR SB	SWITCHBOARD
SWGR OR SG	SWITCHGEAR
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TBC	TELECOMMUNICATIONS BONDING CONDUCTOR
TEBC	TELECOMMUNICATIONS BACKBONE BONDING CONDUCTOR
TEL	TELEPHONE
TR	TAMPER RESISTANT
TV	TELEVISION
TYP	TYPICAL
UFD	UNDERFLOOR DUCT
UGND	UNDERGROUND
UL	UNDERWRITERS LABORATORY
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER POWER SUPPLY
UTIL	UTILITY
V	VOLT
VA	VOLT AMPERE
VAR	VOLT AMPERE REACTIVE
VFD	VARIABLE FREQUENCY DRIVE
VOLT	VOLTAGE
W	WATT/WEATHERPROOF (WHILE IN USE)
WH	WATER HEATER
WP/W	WEATHERPROOF
XFER	TRANSFER
XFMR	TRANSFORMER

GENERAL NOTES

1. THESE "GENERAL NOTES" SHALL APPLY TO ALL DRAWINGS WITHIN THIS DRAWING SET.
2. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
3. BLACKENED OR BOLDED EQUIPMENT INDICATES THE EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. ITEMS NOT DIRECTLY FURNISHED BY THE CONTRACTOR SHALL HAVE A DESIGNATION SUCH AS OFCI (OWNER FURNISHED CONTRACTOR INSTALLED), OFOI (OWNER FURNISHED OWNER INSTALLED), OR NIC (NOT IN CONTRACT. GRAY OR GRAY-SCALED EQUIPMENT SHALL BE ASSUMED TO BE EXISTING OR SHOWN FOR EQUIPMENT LOCATION COORDINATION.
4. EXISTING CIRCUITS ASSOCIATED WITH THE PROJECT AREA OF WORK ARE TO BE DE-ENERGIZED DURING CONSTRUCTION.
5. ALL ELECTRICAL WORK SHALL BE COMPLETED WITH ALL PROXIMATE ELECTRICAL CIRCUITS DE-ENERGIZED (i.e. A NEW BREAKER OR CIRCUIT CANNOT BE ADDED TO A PANEL UNLESS THE PANEL IS COMPLETELY DE-ENERGIZED), OR THE CONTRACTOR MUST COMPLY WITH NFPA 70E FOR WORK ON ENERGIZED SERVICE. THE VA RESIDENT ENGINEER WILL DETERMINE IF THE ELECTRICAL SERVICE CAN BE SHUT DOWN OR IT WILL HAVE TO BE WORKED HOT DEPENDING ON THE CRITICALITY OF THE AREA BEING AFFECTED. IF THE WORK MUST BE DONE WITH THE SERVICE LIVE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED PROTECTIVE TOOLS, EQUIPMENT, AND CLOTHING, AND MUST FOLLOW THE JOB SPECIFIC WORK PLAN PREPARED BY THE CONTRACTOR AND APPROVED BY THE VA RESIDENT ENGINEER. WORK THAT REQUIRES SHUTTING DOWN ELECTRICAL SERVICE MAY HAVE TO BE ACCOMPLISHED DURING OTHER THAN NORMAL DUTY HOURS.
6. PROVIDE RACEWAYS AND CONDUCTORS/CABLING FROM LUMINAIRES TO THEIR CORRESPONDING CONTROL DEVICES AS INDICATED ON PLANS.
7. LUMINAIRE INSTALLATIONS AND LAYOUTS SHALL BE COORDINATED WITH ALL OBSTACLES, EQUIPMENT AND ARCHITECTURAL FEATURES.
8. WHERE NOT SPECIFICALLY INDICATED ON DRAWINGS, BRANCH CIRCUIT CONDUCTORS SHALL BE 12 AWG MINIMUM FOR RUNS EQUAL TO OR LESS THAN 65 FEET AND 10 AWG MINIMUM FOR RUNS GREATER THAN 65 FEET. RACEWAYS AND CONDUCTORS SHALL BE SIZED AND QUANTIFIED TO SERVE AND CONTROL APPLICABLE EQUIPMENT WITH VOLTAGE DROP NO GREATER THAN THREE PERCENT. CONDUCTOR SIZE SHALL BE INCREASED TO COMPENSATE FOR DERATING REQUIRED PER NEC 310.15 WHERE MORE THAN THREE CURRENT CARRYING CONDUCTORS WITHIN ONE RACEWAY; CONDUCTOR AMPACITIES SHALL BE TAKEN FROM THE 75°C COLUMN. INDIVIDUAL CIRCUITS SHALL NOT SHARE NEUTRAL CONDUCTORS. ALL EXTERIOR LIGHTING SHALL BE 10 AWG.
9. PRIOR TO RELOCATING FIRE ALARM EQUIPMENT, CONTRACTOR SHALL TEST AND VERIFY EXISTING EQUIPMENT FUNCTIONALITY IN CONJUNCTION WITH VA RESIDENT ENGINEER COORDINATION. CONTRACTOR SHALL PROVIDE ALL REQUIRED RACEWAYS, CONDUCTORS, CABLING, PROGRAMMING, TEMPORARY FIRE SYSTEM PANELS AND DEVICES, AND TESTING FOR RELOCATING AND MAINTAINING A FULLY FUNCTIONAL FIRE ALARM SYSTEM. CONTRACTOR SHALL PROVIDE PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK; ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION. ALL WORK REQUIRED TO RELOCATE EXISTING FIRE ALARM EQUIPMENT SHALL BE INCLUDED IN THE CONTRACTOR'S SOW. INSTALLED BASE IS FCI E3/S3 BY HONEYWELL.
10. EMERGENCY LIGHTING OR EQUIPMENT CIRCUITS SHALL BE ROUTED INDEPENDENT FROM OTHER CIRCUIT TYPES; ENSURE NEC 700.10 REQUIREMENTS ARE MET.
11. PROVIDE ALL CONDUIT AND WIRE FOR ALL CIRCUITS INDICATED AND/OR NOTED ON DRAWINGS AND/OR SPECIFICATIONS. ALL AUXILIARY OR REQUIRED APPURTENANCES FOR PROVIDED EQUIPMENT SHALL BE PROVIDED WITH ALL CONNECTIONS AS REQUIRED.
12. ALL EQUIPMENT AND DEVICES INCLUDING, BUT NOT LIMITED TO, ELECTRICAL DISTRIBUTION EQUIPMENT, RECEPTACLES, DATA OUTLETS, AND SPECIAL SYSTEM DEVICES, SHALL HAVE THEIR EXACT LOCATION COORDINATED WITH ARCHITECTURAL DRAWINGS AND ALL TRADES PRIOR TO COMMENCING WORK.
13. COORDINATE WITH LIGHTING MANUFACTURER FOR ALL LIGHTING CONTROL EQUIPMENT AND APPURTENANCES; PROVIDE ANY ADDITIONAL SENSORS TO PROVIDE FULL COVERAGE OF THE SPACE AS REQUIRED. ALL CONDUIT, WIRE, POWER SUPPLIES, AND APPURTENANCES REQUIRED FOR THE LIGHTING CONTROL SYSTEM SHALL BE PROVIDED TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
14. ALL EXTERIOR MOUNTED RECEPTACLES AND LUMINAIRE INSTALLATIONS SHALL COORDINATE EXACT LOCATIONS WITH ARCHITECTURAL SHEETS. ADDITIONALLY, WHERE MASONRY IS USED, SMOOTH BLOCK SHALL BE UTILIZED TO PROVIDE A PROPER MOUNTING SURFACE TO ALL EQUIPMENT; RECEPTACLES SHALL BE INSTALLED FLUSH.
15. ALL CONDUIT/SLEEVE FLOOR AND WALL PENETRATIONS SHALL BE SEALED WITH FIRE RATED ASSEMBLIES, CAULKING, AND APPURTENANCES. ELECTRICAL BOXES LOCATED IN FIRE RATED WALLS SHALL BE RATED FOR USE IN FIRE RATED WALLS.
16. ALL EQUIPMENT AND INSTALLATION METHODS SHALL BE LISTED AND LABELED PER NEC, UL LISTED, OR REVIEWED EQUAL.
17. FOR ALL EQUIPMENT, COORDINATE WITH ALL TRADES (ARCHITECTURAL, MECHANICAL, PLUMBING, ETC) FOR ELECTRICAL REQUIREMENTS AND INSTALLATION LOCATIONS PRIOR TO INSTALLATION.
18. ALL LOW-VOLTAGE SYSTEM CABLING NOT RAN IN CONDUIT TO WALL MOUNTED DEVICE SHALL HAVE A MINIMUM 1"C ROUTED FROM DEVICE THROUGH WALL INTO THE ACCESSIBLE CEILING SPACE; CABLING SHALL NOT BE ROUTED IN WALLS OR IN AN INACCESSIBLE LOCATION WITHOUT CONDUIT.
19. GFCI RECEPTACLES SHALL BE PROVIDED WITHIN 6 ' OF A SINK/OR WATER SOURCE, WITHIN DAMP ROOMS, OR WHEN MOUNTED OUTDOORS/EXTERIOR TO THE BUILDING.
20. NO STRUCTURAL MEMBERS SHALL BE CUT, DRILLED, OR NOTCHED WITHOUT PRIOR WRITTEN CONSENT.
21. ALL FINAL LOCATIONS AND ARRANGEMENTS OF LIGHTING FIXTURES SHALL BE OBTAINED FROM THE ARCHITECTURAL REFLECTED CEILING PLAN.
22. LIGHTING FIXTURES WITH MORE THAN TWO LAMPS SHALL HAVE TWO OUTER LAMPS CONTROLLED WITH ONE SWITCH AND INNER LAMP(S) CONTROLLED BY A SECOND SWITCH.
23. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR SIZED PER NEC TABLE 250.122. ALL WIRING IS BASED ON Cu COPPER PER NEC TABLE 310.15(B)(16), USING 75°C AMPACITIES FOR FEEDERS.
24. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.
25. FOR EXISTING EQUIPMENT, SUCH AS LIGHTING FIXTURES, WIRING DEVICES, CONDUITS, ETC., SHOWN ON PLANS TO BE REMOVED, COMPLETELY CUT/CAP CONDUITS AT THE AREA OF WORK PERIMETER AND REMOVE CONDUIT WITHIN THE WORK AREA, DISCONNECT WIRING AT THE OVERCURRENT PROTECTIVE DEVICE AND REMOVE WIRING COMPLETELY FROM THE ABANDONED CONDUITS.
26. DISCONNECT ALL ABANDONED WIRING OF ALL TYPES AT THE OVERCURRENT PROTECTIVE DEVICE. COMPLETELY REMOVE ALL ABANDONED WIRING.
27. MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUITS AND CONDUCTORS PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.
28. ALL SURGE PROTECTION DEVICES (SPD) AND DIGITAL POWER METERS (DPM) PROVIDED SHALL BE INTEGRAL TO THE EQUIPMENT IT IS PROTECTING / MONITORING, UNLESS OTHERWISE NOTED.
29. ALL MODIFIED OR PROVIDED RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE: "P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
30. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
31. ALL INTERIOR LOCATED EQUIPMENT SHALL BE NEMA 1 RATED AND ALL EXTERIOR LOCATED EQUIPMENT SHALL BE NEMA 3R RATED, UNLESS OTHERWISE NOTED.
32. ALL DISTRIBUTION TRANSFORMERS SERVING TRS OR MCR EQUIPMENT SHALL BE K-13 RATED.
33. REFERENCE SHEET G-002 FOR VA POINT OF CONTACT INFORMATION.

SHEET INDEX

E-001 - ELECTRICAL ABBREVIATIONS, GENERAL NOTES, AND SHEET INDEX
E-002 - ELECTRICAL LEGENDS
ES-001 - OVERALL ELECTRICAL SITE PLAN
01-EP101 - BLDG 01 - LEVEL 01 - ELECTRICAL PLAN
02-EP101 - BLDG 02 - LEVEL 01 - ELECTRICAL PLAN
11-EP100 - BLDG 11 - LEVEL 00 - ELECTRICAL PLAN
11-EP101 - BLDG 11 - LEVEL 01 - ELECTRICAL PLAN
11-EP102 - BLDG 11 - LEVEL 02 - ELECTRICAL PLAN
11-EP103 - BLDG 11 - LEVEL 03 - ELECTRICAL PLAN
11-EP107 - BLDG 11 - LEVEL 07 - ELECTRICAL PLAN
18-EP101 - BLDG 18 - LEVEL 01 - ELECTRICAL PLAN
29-EP101 - BLDG 29 - LEVEL 01 - ELECTRICAL PLAN
46-EP101 - BLDG 46 - LEVEL 01 - ELECTRICAL PLAN
90-EP101 - BLDG 90 - LEVEL 01 - ELECTRICAL PLAN
96-EP101 - BLDG 96 - LEVEL 01 - ELECTRICAL PLAN
96-EP102 - BLDG 96 - LEVEL 02 - ELECTRICAL PLAN
01-EP401 - BLDG 01 - LEVEL 01 - ENLARGED ELECTRICAL PLANS
02-EP401 - BLDG 02 - LEVEL 01 - ENLARGED ELECTRICAL PLANS
11-EP400 - BLDG 11 - LEVEL 00 - ENLARGED ELECTRICAL PLANS
11-EL400a - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - LIGHTING PLANS
11-EL400b - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - LIGHTING PLANS
11-EL400c - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - LIGHTING PLANS
11-EP400a - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1- POWER PLANS
11-EP400b - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - POWER PLANS
11-EP400c - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - POWER PLANS
11-EP400d - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - POWER PLANS
11-EP400e - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - POWER PLANS
11-EP400f - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - POWER PLANS
11-EF400a - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - FIRE ALARM PLANS
11-EF400b - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - FIRE ALARM PLANS
11-EF400c - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - FIRE ALARM PLANS
11-EG400a - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - GROUNDING PLANS
11-EG400b - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - GROUNDING PLANS
11-EG400c - BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - GROUNDING PLANS
11-EP401a - BLDG 11 - LEVEL 01 - ENLARGED ELECTRICAL PLANS
11-EP401b - BLDG 11 - LEVEL 01 - ENLARGED ELECTRICAL PLANS
11-EP402 - BLDG 11 - LEVEL 02 - ENLARGED ELECTRICAL PLANS
11-EP403 - BLDG 11 - LEVEL 03 - ENLARGED ELECTRICAL PLANS
11-EP404 - BLDG 11 - LEVEL 04 - ENLARGED ELECTRICAL PLANS
11-EP405 - BLDG 11 - LEVEL 05 - ENLARGED ELECTRICAL PLANS
11-EP406 - BLDG 11 - LEVEL 06 - ENLARGED ELECTRICAL PLANS
11-EP407 - BLDG 11 - LEVEL 07 - ENLARGED ELECTRICAL PLANS
11-EP408 - BLDG 11 - PENTHOUSE - ENLARGED ROOF PLAN
18-EP401 - BLDG 18 - LEVEL 01 - ENLARGED ELECTRICAL PLANS
29-EP402 - BLDG 29 - LEVEL 02 - ENLARGED ELECTRICAL PLANS
46-EP401 - BLDG 46 - LEVEL 01 - ENLARGED ELECTRICAL PLANS
96-EP401 - BLDG 96 - LEVEL 01 - ENLARGED ELECTRICAL PLANS
96-EP402a - BLDG 96 - LEVEL 02 - ENLARGED ELECTRICAL PLANS
96-EP402b - BLDG 96 - LEVEL 02 - ENLARGED ELECTRICAL PLANS
E-501 - ELECTRICAL DETAILS
E-502 - ELECTRICAL DETAILS
E-503 - ELECTRICAL DETAILS
E-504 - ELECTRICAL DETAILS
E-505 - ELECTRICAL DETAILS
E-506 - ELECTRICAL DETAILS
E-507 - ELECTRICAL DETAILS
E-508 - ELECTRICAL DETAILS
E-509 - ELECTRICAL DETAILS
EF601 - DATA CENTER FIRE ALARM RISER DIAGRAM AND I/O MATRIX
EG601 - TELECOMMUNICATIONS BONDING RISER DIAGRAM
00-EP611 - CAMPUS - ONE-LINE DIAGRAM
01-EP601 - BLDG 01 - ONE-LINE DIAGRAM - EXISTING
01-EP611 - BLDG 01 - ONE-LINE DIAGRAM - REVISED
02-EP601 - BLDG 02 - ONE-LINE DIAGRAM - EXISTING
02-EP611 - BLDG 02 - ONE-LINE DIAGRAM - REVISED
11-EP601 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 1 - PART 1 OF 3
11-EP602 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 1 - PART 2 OF 3
11-EP603 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 1 - PART 3 OF 3
11-EP604 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 2 - PART 1 OF 3
11-EP605 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 2 - PART 2 OF 3
11-EP606 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 2 - PART 3 OF 3
11-EP607 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 3 - PART 1 OF 3
11-EP608 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 3 - PART 2 OF 3
11-EP609 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 3 - PART 3 OF 3
18-EP601 - BLDG 18 - ONE-LINE DIAGRAM - EXISTING
18-EP611 - BLDG 18 - ONE-LINE DIAGRAM - REVISED
29-EP601 - BLDG 29 - ONE-LINE DIAGRAM - EXISTING
29-EP611 - BLDG 29 - ONE-LINE DIAGRAM - REVISED
46-EP601 - BLDG 46 - ONE-LINE DIAGRAM - EXISTING
46-EP611 - BLDG 46 - ONE-LINE DIAGRAM - REVISED
90-EP601 - BLDG 90 - PARTIAL ONE-LINE DIAGRAM - EXISTING - PART 1 OF 2
90-EP602 - BLDG 90 - PARTIAL ONE-LINE DIAGRAM - EXISTING - PART 2 OF 2
90-EP611 - BLDG 90 - PARTIAL ONE-LINE DIAGRAM - REVISED - PART 1 OF 2
90-EP612 - BLDG 90 - PARTIAL ONE-LINE DIAGRAM - REVISED - PART 2 OF 2
96-EP601 - BLDG 96 - ONE-LINE DIAGRAM - EXISTING
96-EP611 - BLDG 96 - ONE-LINE DIAGRAM - REVISED
EP701 - ELECTRICAL SCHEDULES
01-EP701 - ELECTRICAL SCHEDULES
02-EP701 - ELECTRICAL SCHEDULES
11-EP701 - ELECTRICAL SCHEDULES
11-EP702 - ELECTRICAL SCHEDULES
11-EP703 - ELECTRICAL SCHEDULES
11-EP704 - ELECTRICAL SCHEDULES
11-EP705 - ELECTRICAL SCHEDULES
11-EP706 - ELECTRICAL SCHEDULES
18-EP701 - ELECTRICAL SCHEDULES
29-EP701 - ELECTRICAL SCHEDULES
46-EP701 - ELECTRICAL SCHEDULES
96-EP701 - ELECTRICAL SCHEDULES
96-EP702 - ELECTRICAL SCHEDULES

Revisions:	Date:

CONSULTANT/ DISCIPLINE

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL ABBREVIATIONS, GENERAL NOTES, AND SHEET INDEX	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: E-001
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	151 of 339

DIV 26 - LEGEND

POWER

- MOTOR
- TRANSFORMER (PRIMARY OR SECONDARY WIRING, DELTA OR WYE AS INDICATED)
- EARTH GROUND
- JUNCTION BOX
- INSULATED TAP
- PB — PULL BOX
- DPM — DIGITAL POWER METER (ASSUME INTEGRAL TO DEVICE UNLESS OTHERWISE NOTED)
- SPD — SURGE PROTECTION DEVICE (ASSUME INTEGRAL TO DEVICE UNLESS OTHERWISE NOTED)
- SWITCH, SINGLE BREAK
- FUSE
- SWITCH, FUSED
- CIRCUIT BREAKER
- DISCONNECT SWITCH, FUSED
- DISCONNECT SWITCH, UNFUSED
- G — GENERATOR, POWER
- BATTERY
- CAPACITOR
- M — METER
- T — TRANSFORMER, PLAN
- PANELBOARD, FLUSH MOUNTED
- PANELBOARD, SURFACE MOUNTED
- RECEPTACLE, DUPLEX; SHADED INDICATES EMERGENCY POWER
- RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER; SHADED INDICATES EMERGENCY POWER
- RECEPTACLE, QUADRUPLEX
- RECEPTACLE, SINGLE
- P1-1,3,5 — CONDUIT 3/4"C, 3#12 PHASE, 1#12 N, & 1#12 GND UNLESS SHOWN OTHERWISE. (EXAMPLE SHOWN: TO PANEL P1, CIRCUIT 1,3,5). LONG TICK FOR NEUTRAL WIRE; ONE SHORT TICK FOR EACH PHASE WIRE; GROUND SIZED PER NEC. NOTE THAT A SECOND SHORT TICK FOR LUMINAIRES IS FOR A TRAVELER WIRE.
- XXXX — CONDUIT HOME RUN - SEE CONDUIT AND WIRE SCHEDULE

- RECEPTACLE, SINGLE WITH SWITCH
- RECEPTACLE, SPECIAL PURPOSE; SHADED INDICATES EMERGENCY POWER
  C = 208V, 20A, 3 PHASE, 4-POLE, 5W, NEMA L21-20R.
  D = 208V, 30A, 3 PHASE, 4-POLE, 5W, NEMA L21-30R.
  E = 120V, 30A, 1 PHASE, 1-POLE, 3W, NEMA L5-30.
- RECEPTACLE, SWITCHED DUPLEX
- SWITCH
  F = FUSED SWITCH — K = KEY OPERATED
  L = LOCK — LM= LOW VOLTAGE MASTER
  M = MANUAL MOTOR STARTING — MC= MOMENTARY CONTACT
  MP= MOTOR SNAP WITH PILOT LIGHT (THERMAL TYPE) — P = WITH PILOT LIGHT
  PB= PUSH BUTTON STATION — RC= REMOTE CONTROL
  WP= WEATHER PROOF — X = EXPLOSION PROOF
- PUSH BUTTON
  X = DESCRIPTION — A = ABORT
  E = EMERGENCY POWER OFF (OFF) — M = MANUAL RELEASE

LIGHTING

- SWITCH (# SUBSCRIPT AS INDICATED BELOW):
  BLANK = SINGLE POLE — 2 = DOUBLE POLE
  3 = THREE-WAY — 4 = FOUR-WAY
  D = DIMMER — K = KEY OPERATED
  LV= LOW VOLTAGE — P = WITH PILOT LIGHT
  LM= LOW VOLTAGE MASTER — RC= REMOTE CONTROL
  PB= PUSH BUTTON STATION — WP= WEATHER PROOF
  T = TIMER OPERATED — Mo= OCCUPANCY SENSOR
  x = LUMINAIRE SWITCH ZONE (ANY LOWER CASE LETTER APPLIES)
- EXIT SIGN, WALL MOUNTED WITH DIRECTIONAL ARROWS AND FACES AS SHOWN
- EXIT SIGN, CEILING MOUNTED WITH DIRECTIONAL ARROWS AND FACES AS SHOWN
- OS x — ALL INTERIOR AREAS TO HAVE MANUAL ON/AUTO OFF LIGHTING CONTROL WITH THE USE OF DUAL TECHNOLOGY OCCUPANCY SENSORS. EXCEPT WHERE A WALL SWITCH OCCUPANCY SENSOR IS NOTED.
- PP x — POWER PACK FOR COMPLEX LIGHTING CONTROL. "X" DENOTES LIGHTING ZONE.

EMERGENCY	NORMAL	
X	X	RECESSED DOWNLIGHT FIXTURE
X	X	LIGHT FIXTURE, RECESSED, 2'x4'
X	X	LIGHT FIXTURE, RECESSED, 1'x4'
X	X	STRIP LIGHTING, 4' LONG

X = DENOTES LUMINAIRE TAG NAME

GENERAL SYMBOL

- SECTION — SCALE; SECTION LETTER A; SHEET WHERE SECTION IS TAKEN FROM XXX
- SECTION LETTER A; SHEET WHERE SECTION IS TAKEN FROM XXX
- DETAIL NUMBER 3; SHEET ON WHICH DETAIL APPEARS XXX; DETAIL AREA
- IF PHOTO, ARROW DENOTES DIRECTION TAKEN; FIGURE OR PHOTO DETAIL NUMBER 3 XXX; SHEET WHERE DETAIL IS TAKEN FROM
- DETAIL/PLAN NUMBER 3 - DETAIL/PLAN
- XXX — CONDUIT & WIRE TAG (REFER TO CONDUIT AND WIRE SCHEDULE)
- XX — FAULT CURRENT TAG (3 PH, SYM AMPS)
- 1 — KEY NOTE
- 1 — METERING NOTE
- CONDUIT OR EQUIPMENT TO BE REMOVED
- CONDUIT UNDER FLOOR, IN FLOOR SLAB, OR ROUTED UNDERGROUND
- CONDUIT CONCEALED IN WALL, IN CEILING, OR ABOVE ACCESIBLE CEILING WHERE POSSIBLE, OTHERWISE EXPOSED
- EXTRA-HARD USAGE FLEXIBLE CORD
- FLEXIBLE CONDUIT
- CONDUIT TURNED UP OR TOWARD
- CONDUIT TURNED DOWN OR AWAY
- CONDUIT CAPPED
- VERTICAL CEILING/STRUCTURE PENETRATION
- HORIZONTAL WALL/STRUCTURE PENETRATION
- HORIZONTAL CABLE SLEEVE
- VERTICAL CABLE SLEEVE
- 1 HR FIRE RATED WALL
- 2 HR FIRE RATED WALL
- SMOKE RATED WALL
- BOLD DOT INDICATES CONDUCTOR BOND / TERMINATION — CONDUCTORS; BOND / TERMINATION

CIRCUITING DESIGNATIONS

WHERE A PANEL NAME OR TICK MARKS LEADING TO PANEL BOARD AND CORRESPONDING CIRCUIT ARE CALLED OUT ADJACENT TO A RECEPTACLE, LUMINAIRE, OR MISC LOAD, THAT LOAD SHALL BE CIRCUITED TO THE CORRESPONDING PANELBOARD CIRCUIT BREAKER. CONDUIT AND WIRE FOR CIRCUIT SHALL BE 3/4" CONDUIT WITH (2) 12 AWG AND (1) 12 AWG GND, UNLESS OTHERWISE NOTED; IF FURTHER THAN 70', PHASE AND GROUND WIRE SHALL BE UPSIZED TO 10 AWG TO ACCOUNT FOR VOLTAGE DROP. SEE EXAMPLES BELOW:

RECEPTACLE:
PANELBOARD OR POWER SOURCE NAME = "P1"
CIRCUIT NUMBER OF POWER SOURCE = "2"
P1-2 — PNL-P1 — P1-2

LUMINAIRE:
PANELBOARD OR POWER SOURCE NAME = "PP3"
CIRCUIT NUMBER OF POWER SOURCE = "4"
TYP LUMINIARE TAG NAME, REFERENCE LUMINAIRE SCHEDULE = "L1"
LIGHTING CONTROL SWITCH LEG = "a"
ALL LUMINAIRES IN SAME ROOM ARE CIRCUITED TO SAME CIRCUIT = PP3-4
L1 a PP3-4

MISC LOAD:
PANELBOARD OR POWER SOURCE NAME = "PP"
CIRCUIT NUMBER OF POWER SOURCE = "7"
HEAT PUMP PP-7 — FACP PP-7

DIV 28 - LEGEND

- ALARM, HORN/LIGHT, ONE ASSEMBLY C = WITH CHIME
- ALARM, HORN/LIGHT, SEPARATE ASSEMBLY
- X — ALARM, LAMP LIGHT, SIGNAL LIGHT, STROBE; LETTER INDICATES AS FOLLOWS:
  BLANK = SIGNAL STROBE PER FIRE ALARM SPECIFICATION
  C = SPECIALTY SIGNAL STROBE, CLEAN AGENT FIRE SUPPRESSION SYSTEM
  S = SMOKE DETECTOR ALARM INDICATOR STROBE, CLEAN AGENT FIRE SUPPRESSION SYSTEM
- S — ALARM BELL
- SOLENOID VALVE
- ALARM, TAMPER SWITCH
- A — SPECIALTY SWITCH, ABORT, CLEAN AGENT FIRE SUPPRESSION SYSTEM
- K — DETECTION SWITCH, VALVE TAMPER
- DETECTOR, FLOW SWITCH
- R/T — DETECTOR, HEAT; LETTER INDICATES AS FOLLOWS:
  R/T = COMBINATION — F = FIXED TEMPERATURE
  R/C = RATE COMPENSATION — R = RATE OF RISE
- H — DETECTOR; LETTER INDICATES AS FOLLOWS:
  BLANK = SMOKE DETECTOR
  H = HEAT SMOKE
  I = IONIZATION SMOKE
  P = PHOTOELECTRIC SMOKE
  IH = IONIZATION AND HEAT SMOKE
  IP = IONIZATION AND PHOTOELECTRIC SMOKE
  PH = PHOTOELECTRIC AND HEAT SMOKE
  IPH = IONIZATION, PHOTOELECTRIC, AND HEAT
  UFS = UNDERFLOOR SMOKE DETECTOR, CLEAN AGENT FIRE SUPPRESSION SYSTEM
  S = SMOKE DETECTOR WITH INDICATOR STROBE, CLEAN AGENT FIRE SUPPRESSION SYSTEM
- FIRE ALARM STATION, MANUAL PULL
- MBS — MAINTENANCE BYPASS SWITCH
- EOL — END OF LINE RESISTOR
- CR — CONTROL RELAY, ADDRESSABLE
- MM — MONITOR MODULE, ADDRESSABLE, DUAL OR SINGLE AS REQUIRED

THESE ARE GENERAL LEGENDS. NOT ALL SYMBOLS MAY BE SHOWN.
REFERENCE PLANS FOR ALL UTILIZED SYSMBOLS.

Revisions:	Date:

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Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title	ELECTRICAL LEGENDS
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	-
Drawing Number	E-002

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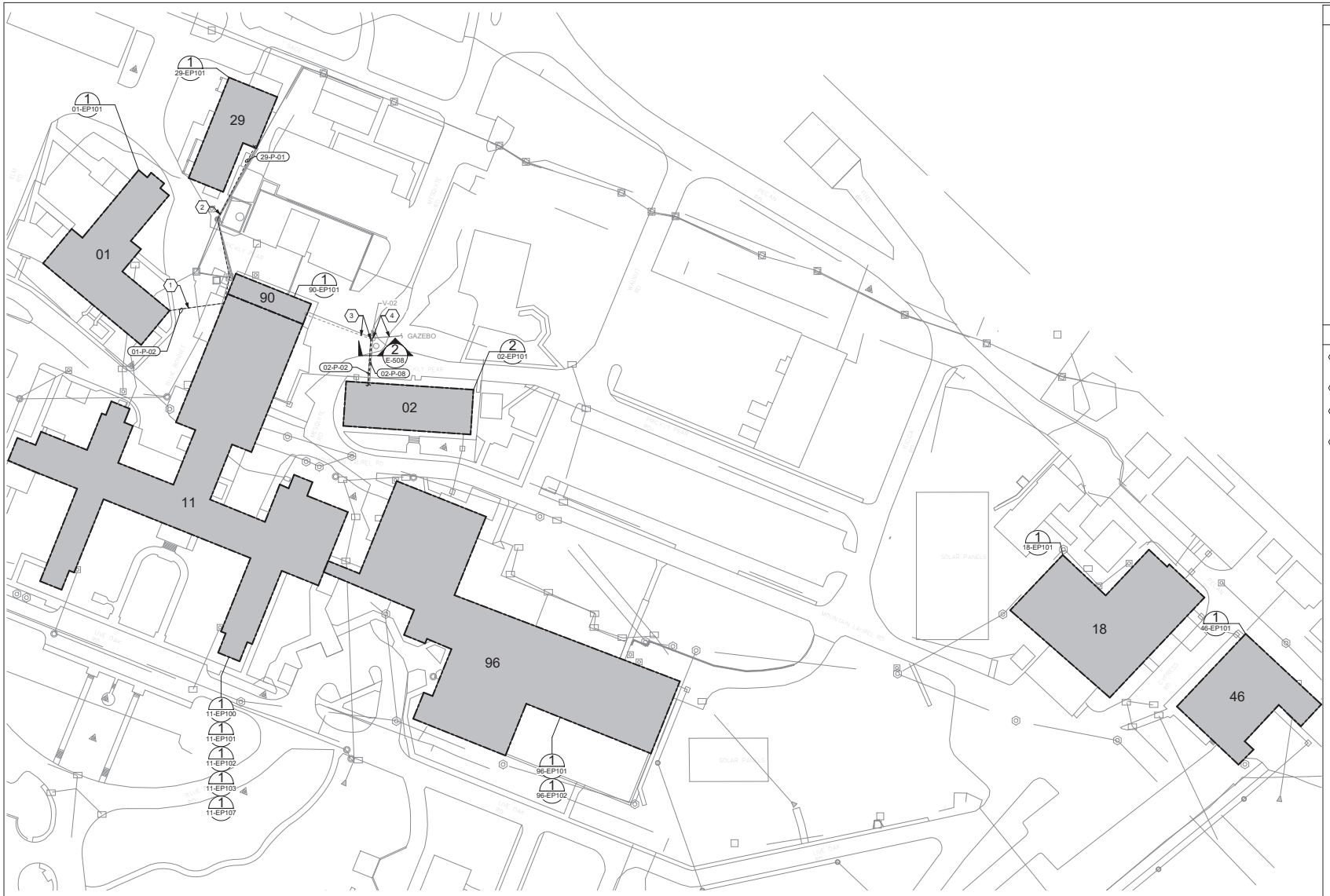

1 OVERALL ELECTRICAL SITE PLAN
1" = 40'-0"

TRUE NORTH

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AS REQUIRED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
4. COORDINATE ALL SITE WORK WITH CIVIL DRAWINGS AND SPECIFICATIONS.

KEY NOTES

1. CONTRACTOR SHALL ROUTE CONDUIT VIA UNDERGROUND VAULT CONNECTION FROM BUILDING 11 ANNEX CRAWL SPACE TO BUILDING 01. COORDINATE EXACT ROUTING.
2. CONTRACTOR SHALL ROUTE CONDUIT VIA STEAM TUNNEL FROM BUILDING 11 ANNEX CRAWL SPACE TO BUILDING 29.
3. ROUTE CONDUCTOR FROM BUILDING 90 TO VAULT "V-02"; REUSE EXISTING CONDUIT FROM VAULT "V-02" TO BUILDING 90.
4. PROVIDE SPLICE OFF EXISTING CONDUCTOR CABLING WITHIN VAULT "V-02" FEEDING GAZEBO. PROVIDE SPLICE KIT. REFERENCE ONE-LINE DIAGRAM 02-EP601 AND 02-EP611 FOR ADDITIONAL INFORMATION.

Revisions:	Date:

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: OVERALL ELECTRICAL SITE PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: -

Drawing Number: ES-001

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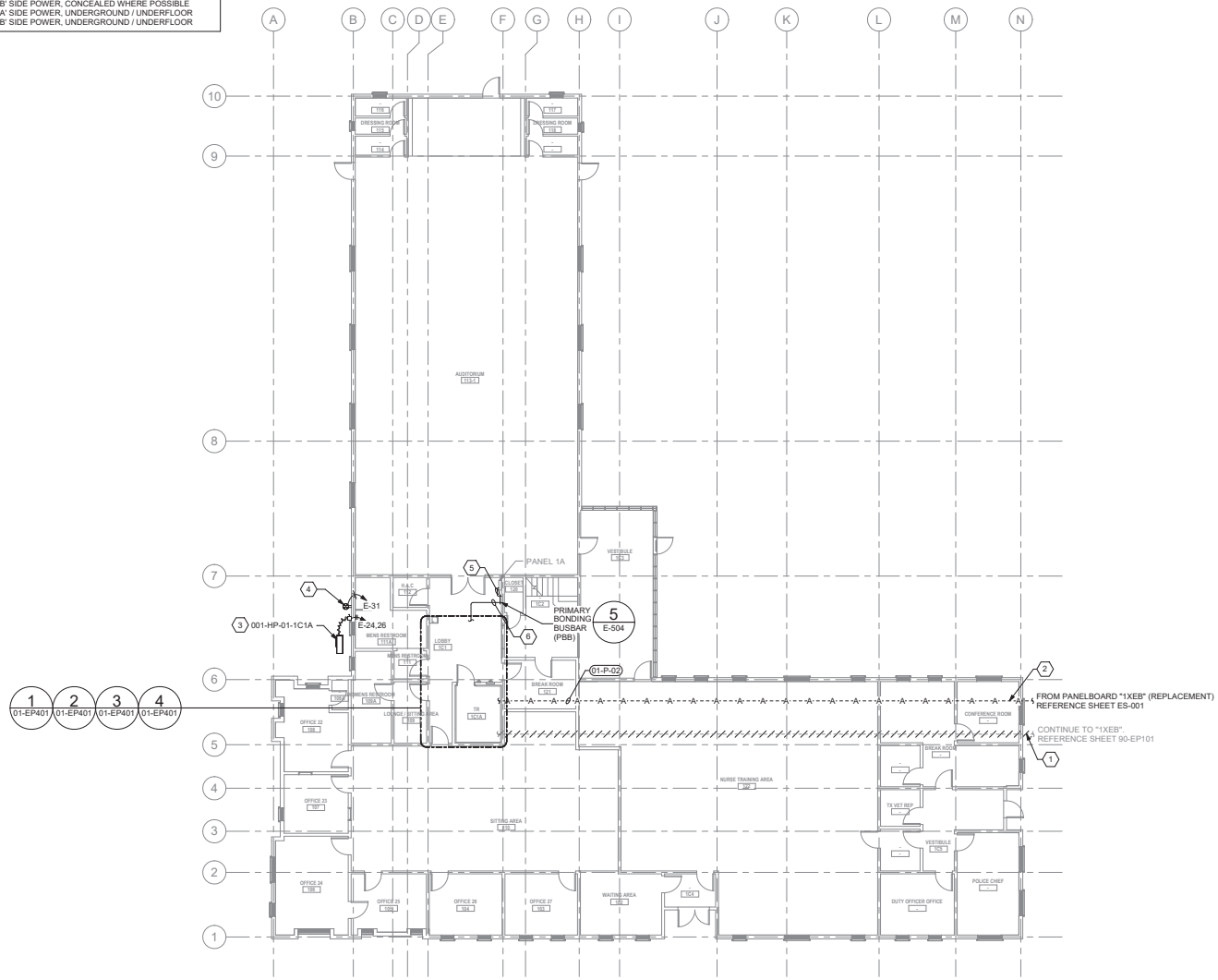
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - -A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - -B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 BLDG 01 - LEVEL 01 - ELECTRICAL PLAN
ES-001
1/8" = 1'-0"

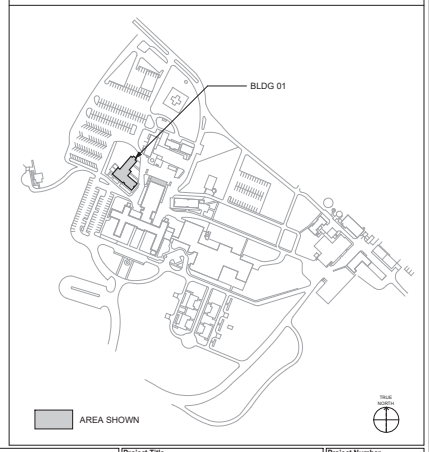
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
3. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 01 ONE-LINE DIAGRAMS ON SHEETS 01-EP601 AND 01-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.

KEY NOTES

1. EXISTING CONDUCTORS AND ABOVE GRADE RACEWAY SHALL BE DEMOLISHED. EXISTING RACEWAY BELOW GRADE SHALL BE CUT, CAPPED, LABELED "SPARE", AND ABANDONED.
2. PROVIDE CONDUCTOR AND RACEWAY TO FEED PANEL "E".
3. PROVIDE CONDUIT AND WIRE FROM CONDENSING TO ASSOCIATED AC UNIT AS REQUIRED PER MANUFACTURER'S INSTRUCTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
4. PROVIDE SERVICE RECEPTACLE, 20A, 120V, GFCI, HOUSED IN WEATHER RATED DIE-CAST ALUMINUM WHILE-IN-USE COVER.
5. PROVIDE TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) AS SHOWN. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
6. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

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Drawing Title	Phase	Project Title	Project Number
BLDG 01 - LEVEL 01 - ELECTRICAL PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Building Number: 01
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	Drawing Number: 01-EP101

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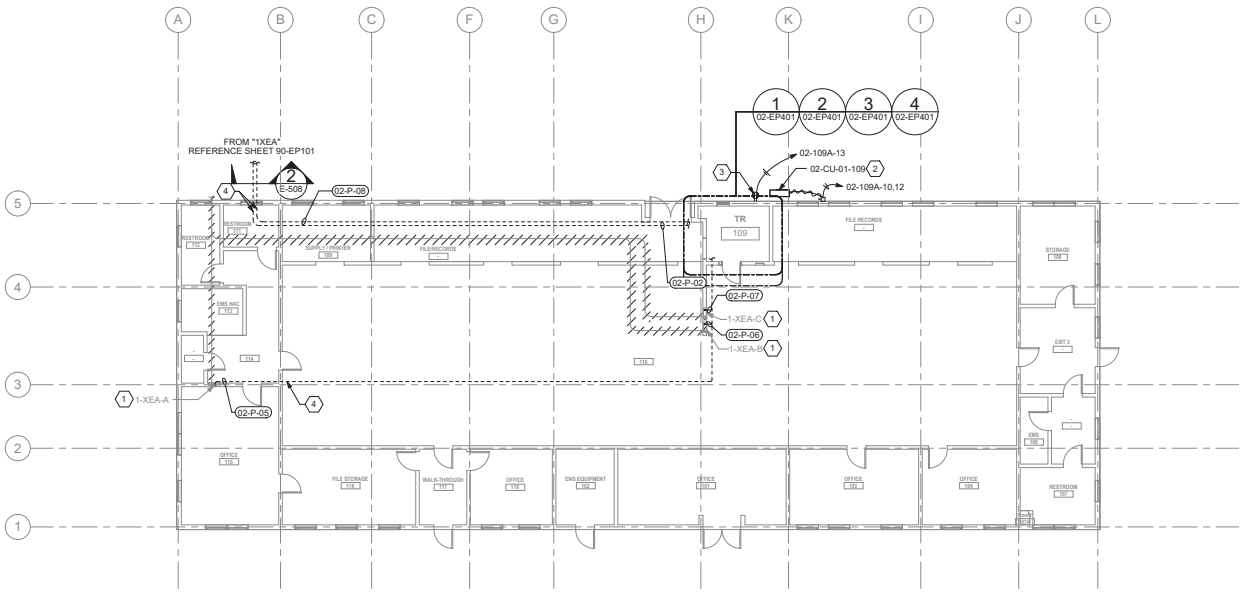
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



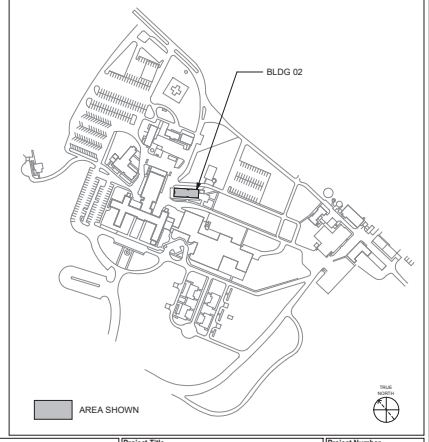
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
3. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 02 ONE-LINE DIAGRAMS ON SHEETS 02-EP601 AND 02-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.

KEY NOTES

1. EXISTING FEEDER SHALL BE DEMOLISHED AND REPLACED.
2. PROVIDE CONDUIT AND WIRE FROM CONDENSING TO ASSOCIATED AC UNIT AS REQUIRED PER MANUFACTURER'S INSTRUCTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
3. PROVIDE SERVICE RECEPTACLE, 20A, 120V, GFCI, HOUSED IN WEATHER RATED DIE-CAST ALUMINUM WHILE-IN-USE COVER.
4. CONDUIT SHALL BE ROUTED IN CRAWL SPACE BELOW. COORDINATE WITH EXISTING CONDITIONS AS REQUIRED.

KEY PLAN



1 ES-001 BLDG 02 - LEVEL 01 - ELECTRICAL PLAN
1/8" = 1'-0"

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 02 - LEVEL 01 - ELECTRICAL PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	02
Drawing Number	02-EP101

155 of 339

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1 13/01/2026 10:29:32 am

Autodesk Docs://671A4-21-700 VATX Kerrville
EHRM/VATX_02_EL_SDB.rvt

LEGEND
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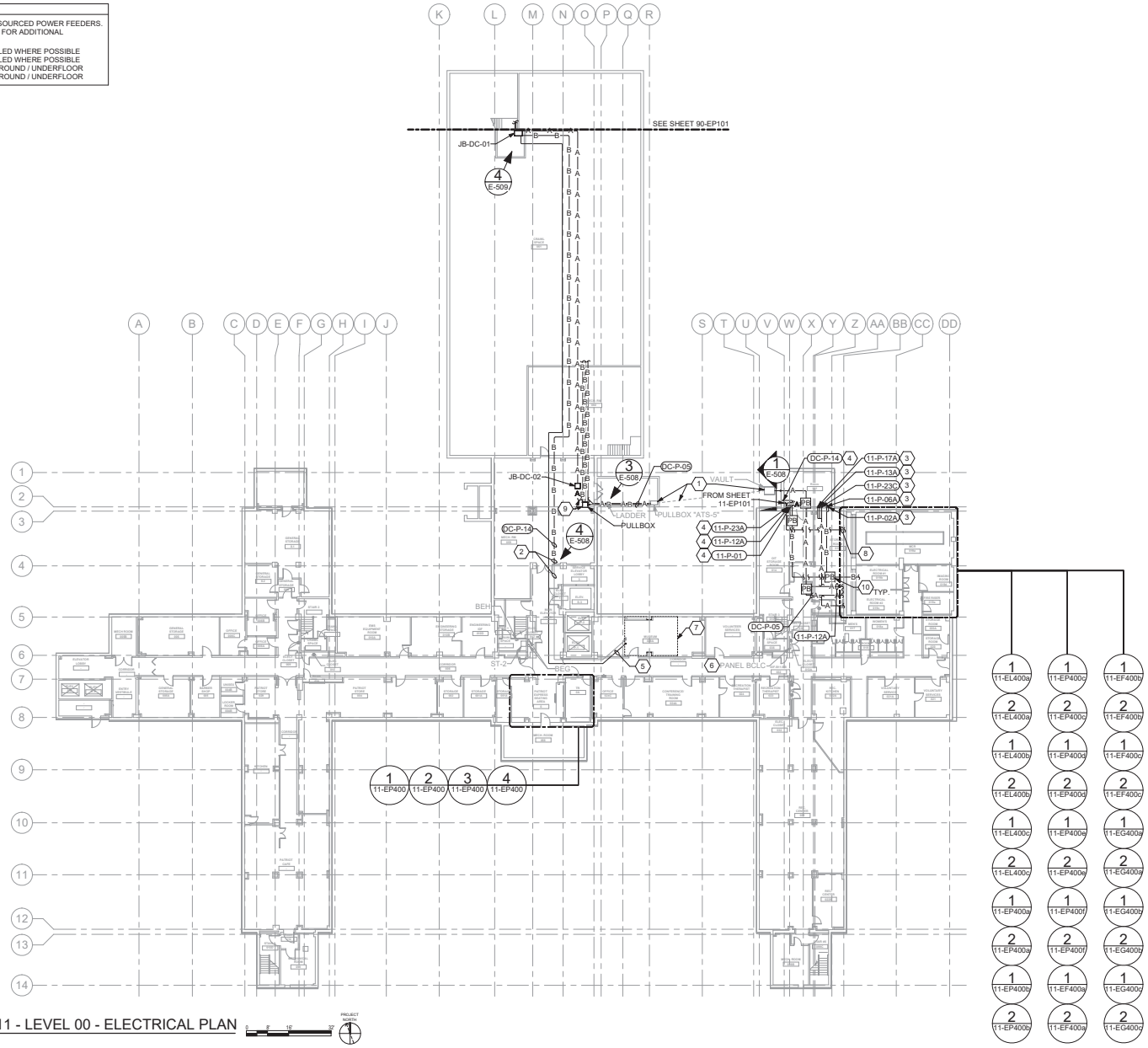
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - -A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - -B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 ES-001 BLDG 11 - LEVEL 00 - ELECTRICAL PLAN

1/16" = 1'-0"

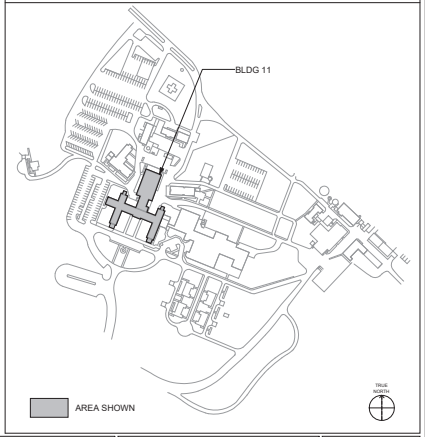
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
3. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.

KEY NOTES

1. UTILIZE EXISTING SPARE 4" CONDUIT FOR CONDUIT AND WIRE TAG "DC-P-05" FEEDER. EXISTING SPARE ROUTES FROM PULLBOX "ATS-S", UNDERGROUND, TO EXISTING VAULT.
2. UTILIZE EXISTING (2) SPARE 3" CONDUIT FOR CONDUIT AND WIRE TAG "DC-P-14" FEEDER. EXISTING SPARES ROUTE FROM MECHANICAL ROOM, THROUGH CORRIDOR, UP TO ELECTRICAL ROOM 33 ON LEVEL 01.
3. CONDUIT ROUTED VERTICALLY TO MECHANICAL ROOM '199A' LOCATED ON FLOOR ABOVE. REFERENCE SHEET 11-EP101 FOR ADDITIONAL INFORMATION.
4. CONDUIT ROUTED VERTICALLY FROM MECHANICAL ROOM '199A' LOCATED ON FLOOR ABOVE. REFERENCE SHEET 11-EP101 FOR ADDITIONAL INFORMATION.
5. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
6. UTILIZE PANELBOARD "BCLC" TO PROVIDE (3) 20A CIRCUIT BREAKERS TO SERVE DATA CENTER MCR LIFE SAFETY LOADS. REFERENCE SHEETS 11-EL400a, 11-EL400b, 11-EL400c, AND 11-EP400d FOR ASSOCIATED LIFE SAFETY LOADS.
7. APPROXMIATE FOOTPRINT OF ELECTRICAL ROOM 33 ON FLOOR ABOVE. CONDUIT ROUTES VERTICALLY INTO ELECTRICAL ROOM. REFERENCE SHEET 11-EP401b FOR ADDITIONAL INFORMATION.
8. PROVIDE SBC AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
9. COORDINATE CONDUIT ROUTING WITH EXISTING PULLBOX AND RACEWAY ROUTING.
10. PROVIDE PULLBOX(ES); MULTIPLE PULL BOXES, (1) FOR EACH FEED, MAY BE REQUIRED. SIZE PULLBOX(ES) PER NEC. CONTRACTOR SHALL LOCATE PULLBOX(ES) TO COORDINATE WITH EXISTING CONDITIONS AS REQUIRED.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 00 - ELECTRICAL PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 11-EP100
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	156 of 339

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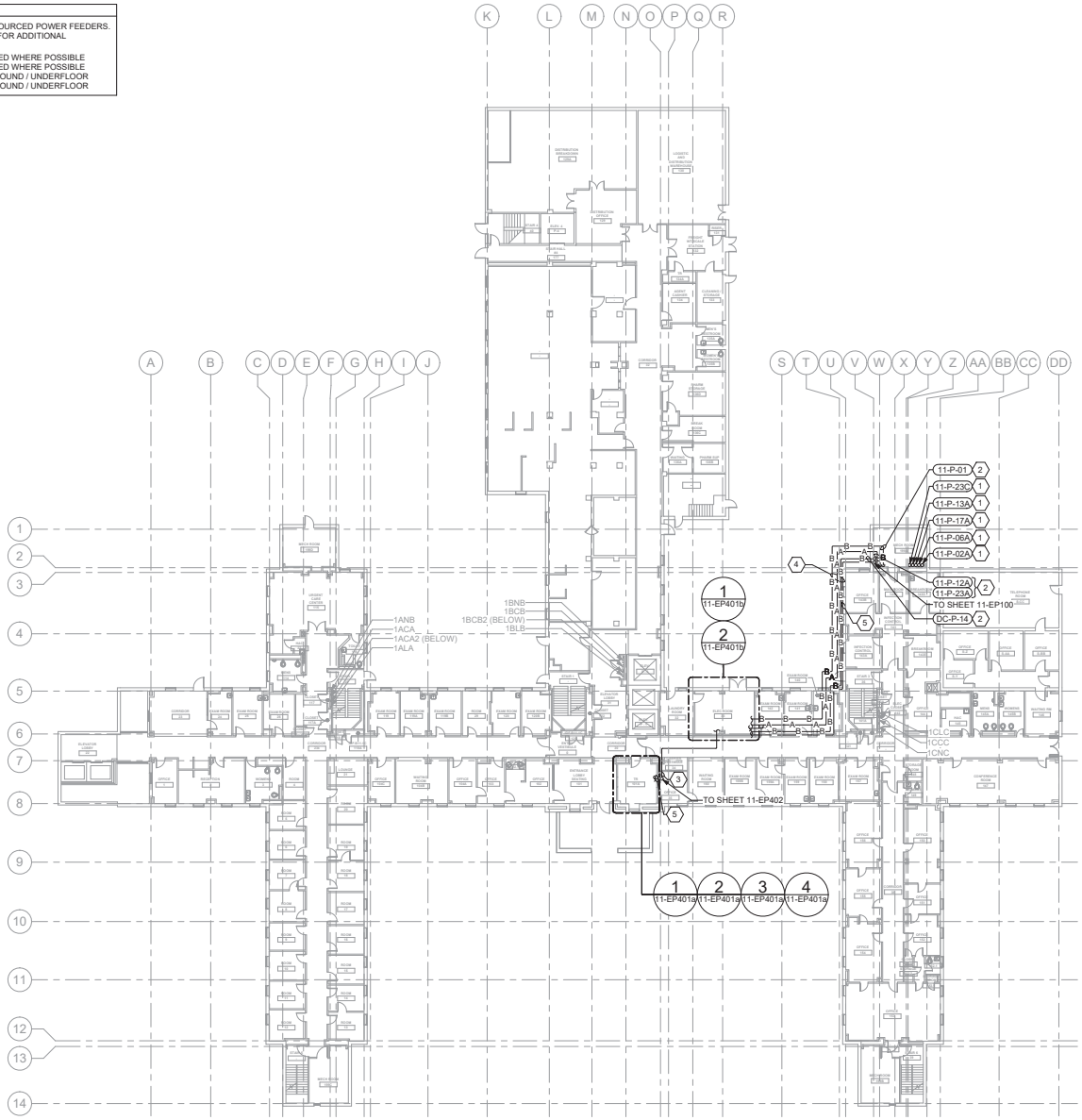
1 13/01/2026 10:56:04 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - -A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - -B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 ES-001 BLDG 11 - LEVEL 01 - ELECTRICAL PLAN

1/16" = 1'-0"

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
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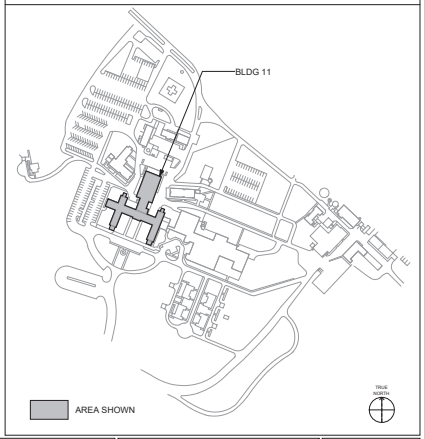
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.

KEY NOTES

1. CONDUIT ROUTED VERTICALLY FROM MECHANICAL ROOM '111' LOCATED ON FLOOR BELOW AND CONTINUES TO MECHANICAL ROOM '299A' LOCATED ON FLOOR ABOVE. REFERENCE SHEETS 11-EP100 AND 11-EP102 FOR ADDITIONAL INFORMATION.
2. CONDUIT ROUTED VERTICALLY TO MECHANICAL ROOM '111' LOCATED ON FLOOR BELOW. REFERENCE SHEET 11-EP100 FOR ADDITIONAL INFORMATION.
3. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
4. ROUTE MCR DISTRIBUTION FEEDERS HORIZONTALLY ALONG EXTERIOR OF BUILDING; FEEDERS ARE SHOWN DIAGRAMMATICALLY FOR CLARITY. FEEDERS SHALL BE SURFACE MOUNTED UTILIZING HOT-DIPPED GALVANIZED UNISTRUT AND STAINLESS-STEEL FASTENING HARDWARE. PROVIDE JUNCTION BOXES SIZED PER NEC AS REQUIRED.
5. PROVIDE SBC AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

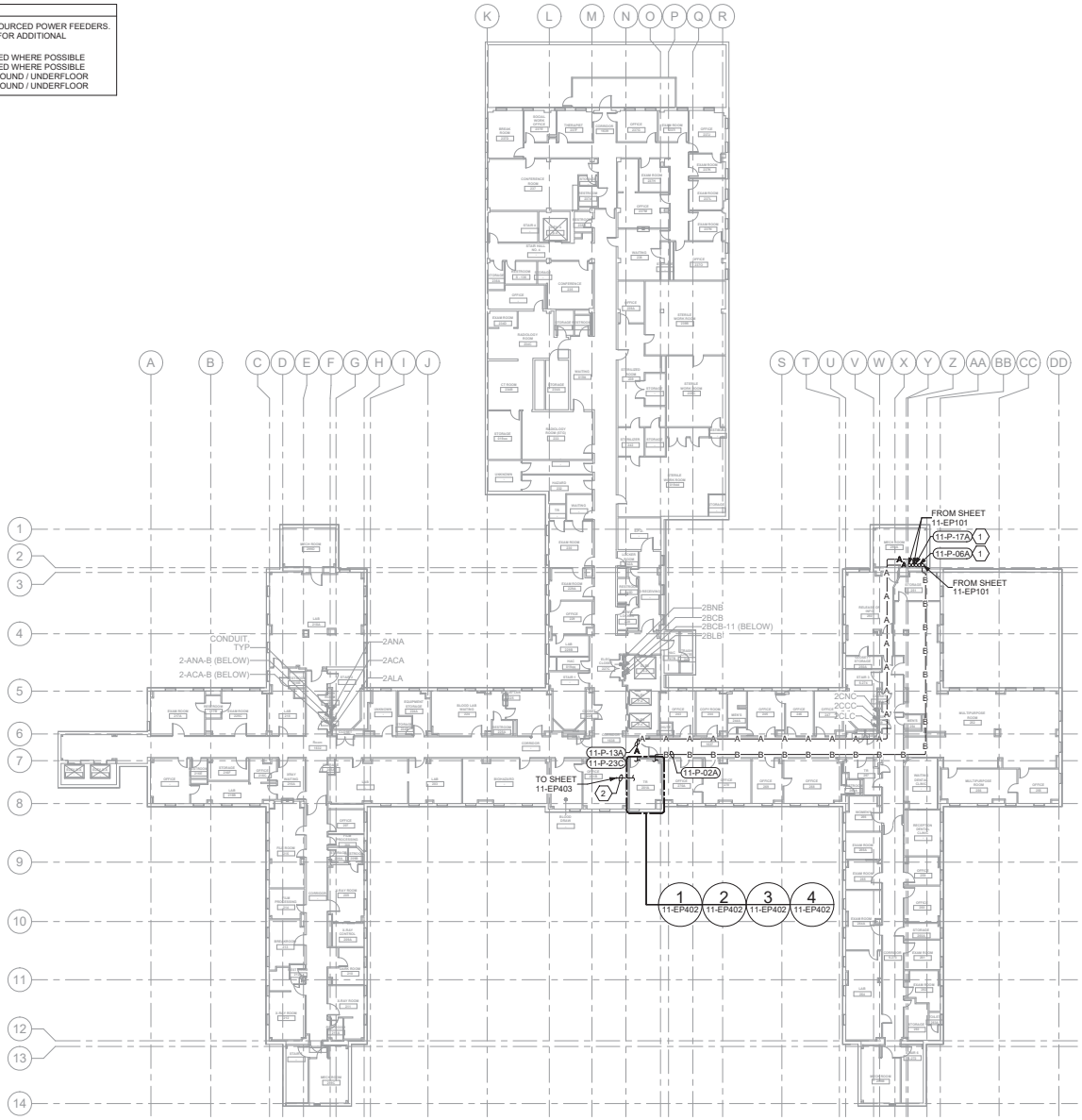
Drawing Title: BLDG 11 - LEVEL 01 - ELECTRICAL PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 11-EP101
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	157 of 339

VA FORM 08 - 6231

1 13/01/2026 10:56:08 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - -A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - -B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 ES-001 BLDG 11 - LEVEL 02 - ELECTRICAL PLAN

1/16" = 1'-0"

GENERAL NOTES

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6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR ADDITIONAL INFORMATION.
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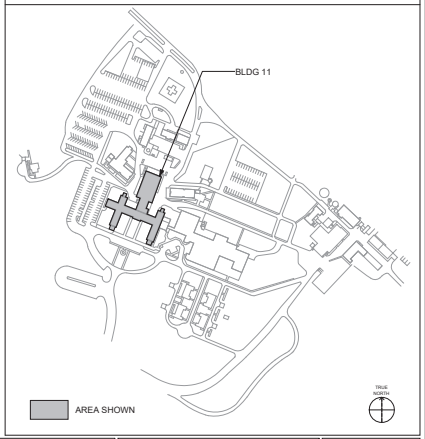
KEY NOTES

1. CONDUIT ROUTED VERTICALLY FROM MECHANICAL ROOM '111' LOCATED ON FLOOR BELOW AND CONTINUES TO MECHANICAL ROOM '399A' LOCATED ON FLOOR ABOVE. REFERENCE SHEETS 11-EP101 AND 11-EP103 FOR ADDITIONAL INFORMATION.
2. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 02 - ELECTRICAL PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 11-EP102
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	158 of 339

VA FORM 08 - 6231

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - -A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
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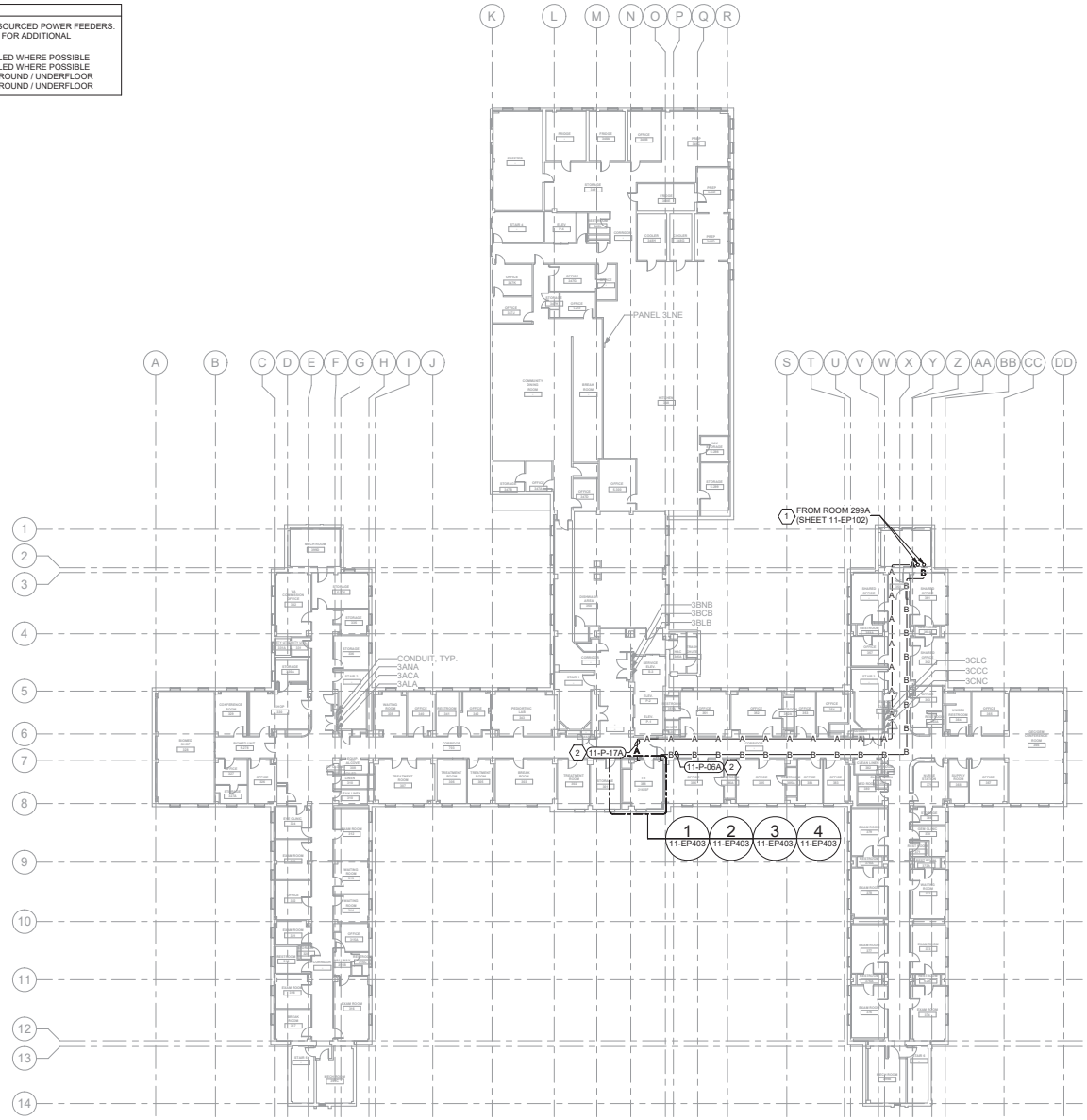

1 BLDG 11 - LEVEL 03 - ELECTRICAL PLAN
ES-001
1/16" = 1'-0"

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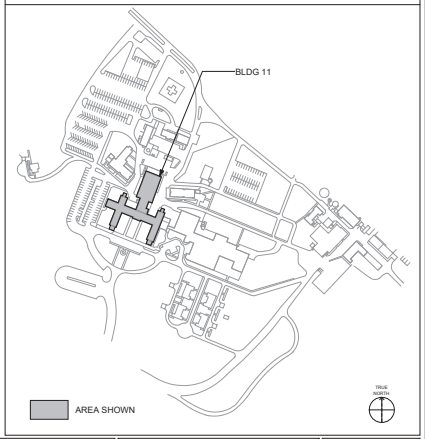
KEY NOTES

1. CONDUIT ROUTED VERTICALLY FROM MECHANICAL ROOM '299A' LOCATED ON FLOOR BELOW. REFERENCE SHEET 11-EP102 FOR ADDITIONAL INFORMATION.
2. FEEDERS ROUTE THROUGH VERTICALLY STACKED TRs "457", "580" AND "601B". REFERENCE ELECTRICAL PLANS ON SHEETS 11-EP404, 11-EP405, AND 11-EP406 FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

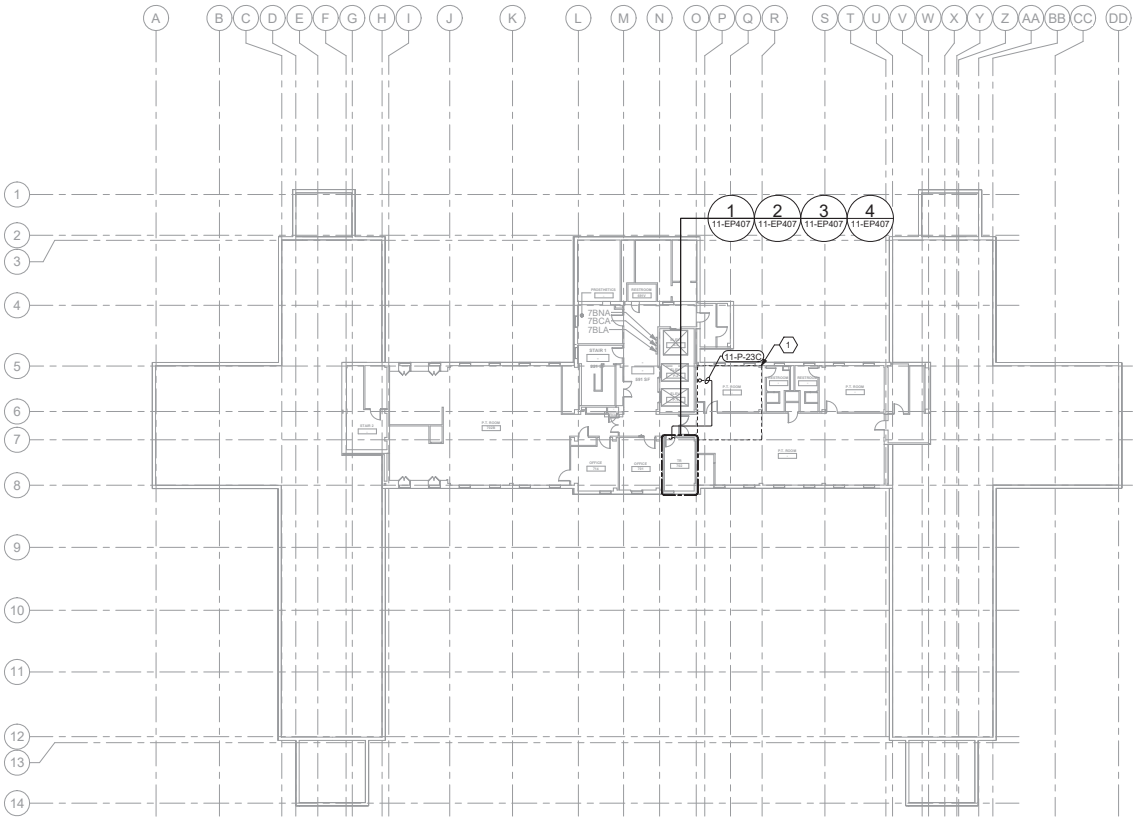
Drawing Title: BLDG 11 - LEVEL 03 - ELECTRICAL PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 11-EP103
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	159 of 339

VA FORM 08 - 6231

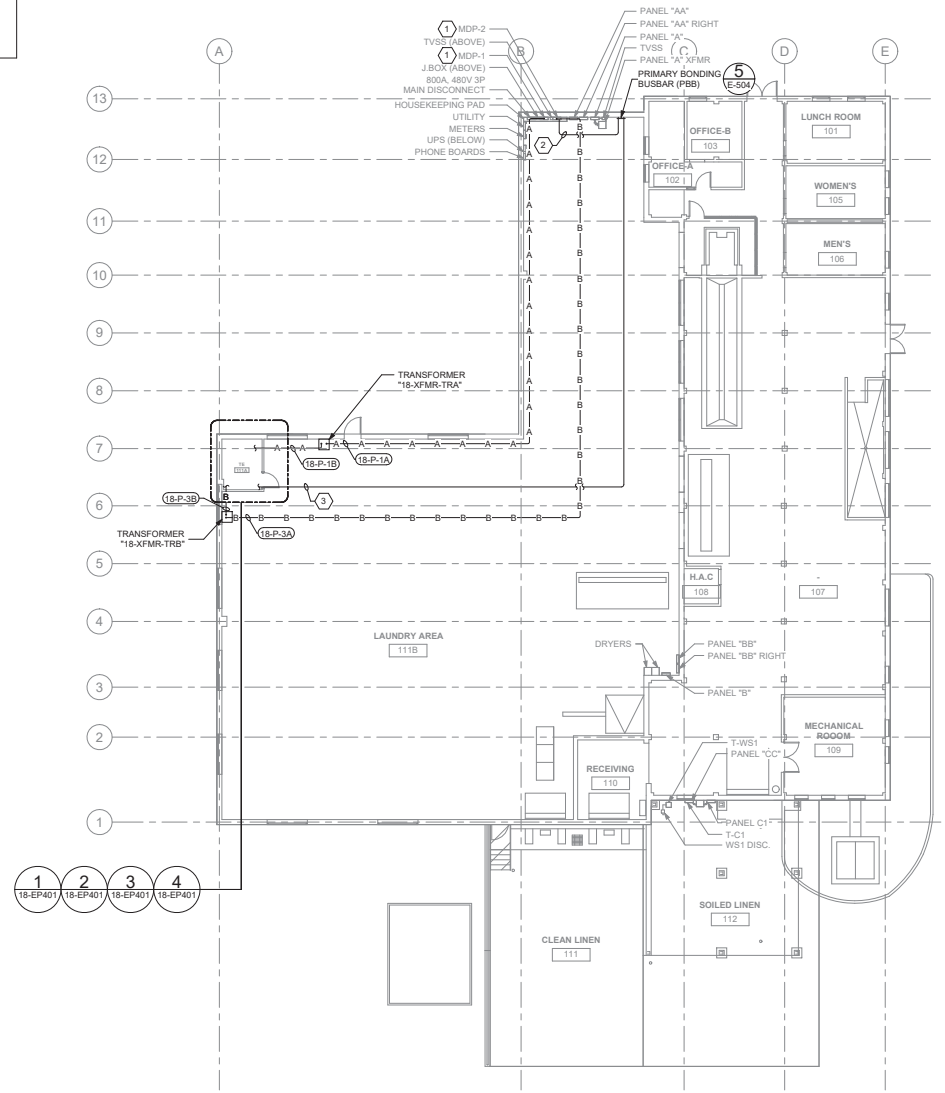
LEGEND

PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.

-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR


A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA BB CC DD
1 2 3 4 5 6 7 8 9 10 11 12 13 14
1 11-EP407
2 11-EP407
3 11-EP407
4 11-EP407
11-P-23C
1
7BNA
7BCA
7BLA
PREFABTICE
BREEZEWAY
STAIR 1
MEP
STAIR 2
I.T. ROOM
OFFICE
OFFICE
OFFICE

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - -A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - -B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 ES-001 BLDG 18 - LEVEL 01 - ELECTRICAL PLAN
1" = 10'-0"

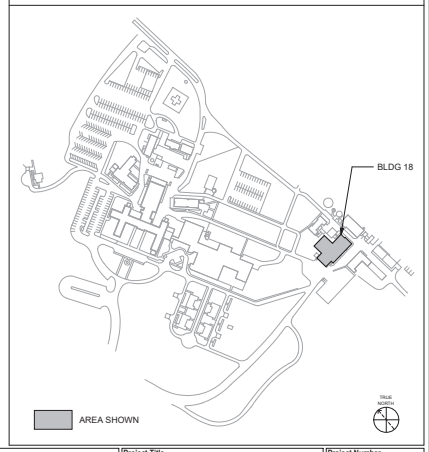
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
3. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 18 ONE-LINE DIAGRAMS ON SHEETS 18-EP601 AND 18-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.

KEY NOTES

1. MODIFIED EQUIPMENT. PROVIDE FEEDERS AS INDICATED.
2. PROVIDE TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) AS SHOWN. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
3. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 18 - LEVEL 01 - ELECTRICAL PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	18
Drawing Number	18-EP101

VA FORM 08 - 6231 11/21/2025 8:54:55 AM
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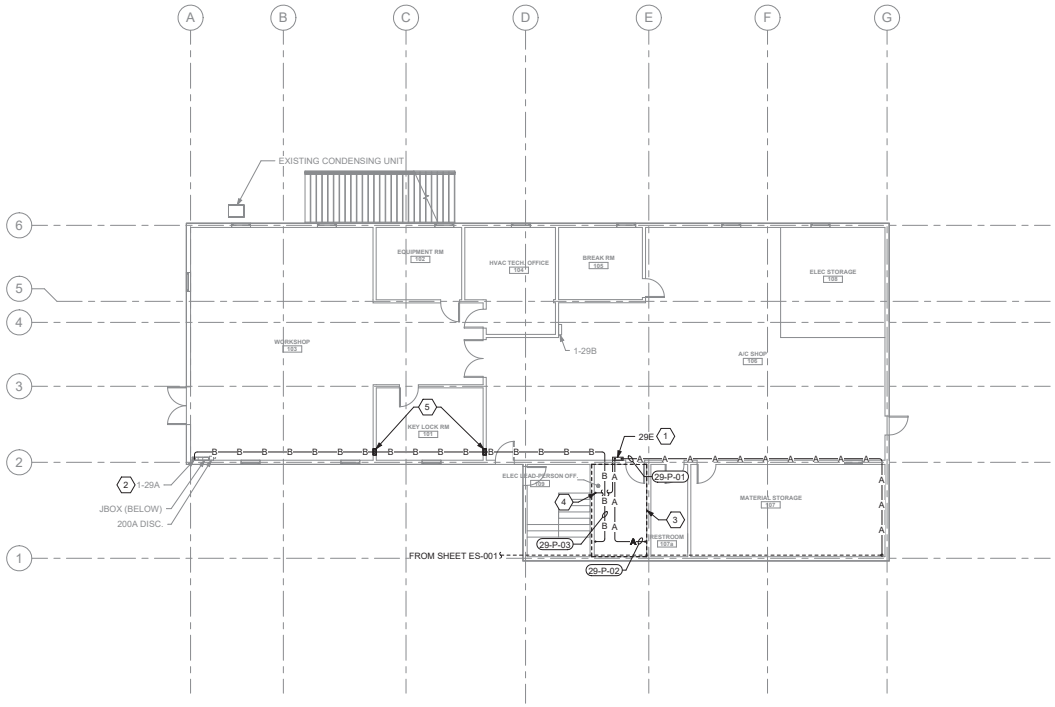
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - -A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - -B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 ES-001 BLDG 29 - LEVEL 01 - ELECTRICAL PLAN
1/8" = 1'-0"

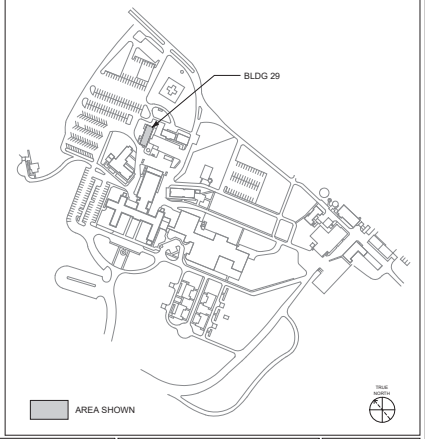
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
3. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 29 ONE-LINE DIAGRAMS ON SHEETS 29-EP601 AND 29-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.

KEY NOTES

1. EXISTING PANELBOARD SHALL BE DEMOLISHED AND REPLACED AS INDICATED. PRESERVE AND PROTECT EXISTING BRANCH CIRCUITS FOR RE-TERMINATION TO REVISED EQUIPMENT, PROVIDE JUNCTION BOXES (QUANTITY AS REQUIRED) TO HOUSE CONDUCTOR TERMINATIONS. SIZE JUNCTION BOXES PER NEC. COORDINATE FINAL JUNCTION BOX LOCATIONS WITH EXISTING CONDITIONS AND EQUIPMENT AS REQUIRED. REFERENCE ASSOCIATED ONE-LINE DIAGRAMS FOR ADDITIONAL INFORMATION. UPSIZE EXISTING CONDUIT AND WIRE FEEDING THE PANEL USING THE SAME RACEWAYS. REFERENCE BUILDING 29 CONDUIT AND WIRE SCHEDULE ON SHEET 29-EP701 FOR ADDITIONAL INFORMATION.
2. EXISTING EQUIPMENT SHALL BE MODIFIED.
3. APPROXIMATE FOOTPRINT OF ROOM "201" LOCATED ON FLOOR ABOVE. FEEDERS AND TBB ROUTE VERTICALLY TO FLOOR ABOVE. REFERENCE SHEET 29-EP401 FOR ADDITIONAL INFORMATION.
4. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 ADDITIONAL INFORMATION.
5. UTILIZE CORE DRILL FOR CONDUIT PENETRATIONS. REFERENCE ASSOCIATED CONDUIT AND WIRE SCHEDULE FOR CONDUIT SIZES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
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ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 29 - LEVEL 01 - ELECTRICAL PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: SHM/SGG
Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 29
Drawing Number: 29-EP101

VA FORM 08 - 6231
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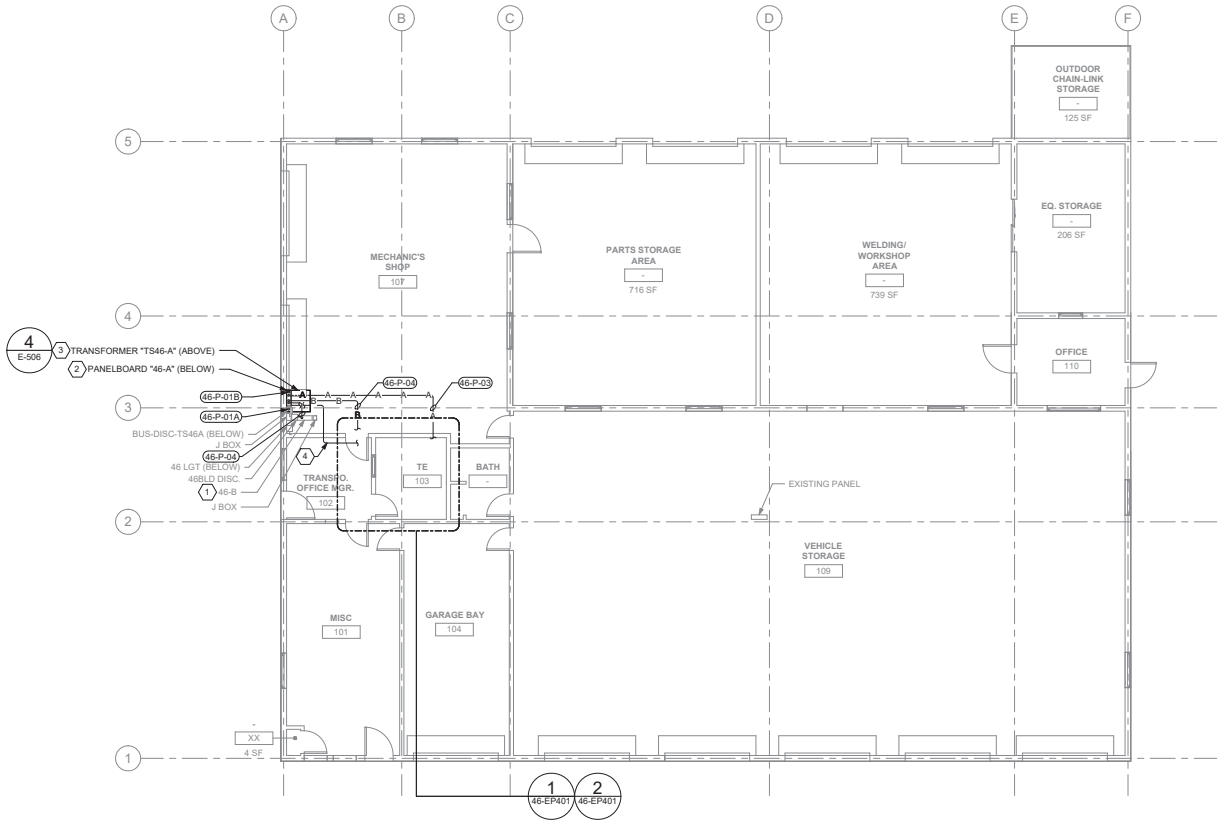
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_29_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - -A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - -B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 ES-001 BLDG 46 - LEVEL 01 - ELECTRICAL PLAN

3/16" = 1'-0"

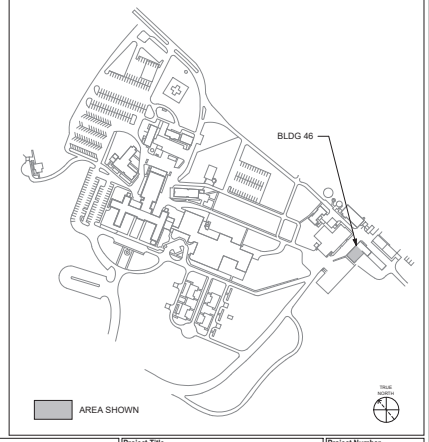
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
3. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 46 ONE-LINE DIAGRAMS ON SHEETS 46-EP601 AND 46-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.

KEY NOTES

1. EXISTING PANELBOARD FEEDER SHALL BE DEMOLISHED AND REPLACED.
2. EXISTING PANELBOARD SHALL BE DEMOLISHED AND REPLACED AS INDICATED. PRESERVE AND PROTECT EXISTING BRANCH CIRCUITS FOR RE-TERMINATION TO REVISED EQUIPMENT; PROVIDE JUNCTION BOXES (QUANTITY AS REQUIRED) TO HOUSE CONDUCTOR TERMINATIONS. SIZE JUNCTION BOXES PER NEC. COORDINATE FINAL JUNCTION BOX LOCATIONS WITH EXISTING CONDITIONS AND EQUIPMENT AS REQUIRED.
3. EXISTING TRANSFORMER SHALL BE DEMOLISHED AND REPLACED AS INDICATED. ASSOCIATED RACEWAYS AND CONDUCTORS SHALL BE DEMOLISHED BACK TO SOURCE.
4. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

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A/E:
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KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 46 - LEVEL 01 - ELECTRICAL PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 46

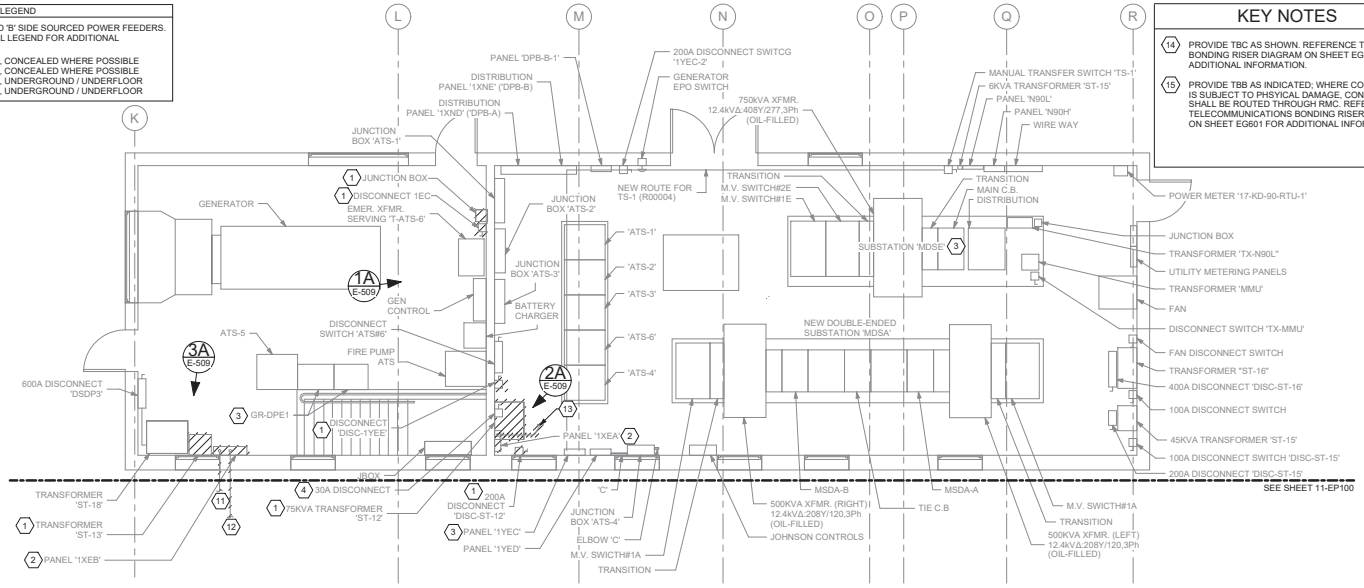
Drawing Number: 46-EP101

VA FORM 08 - 6231

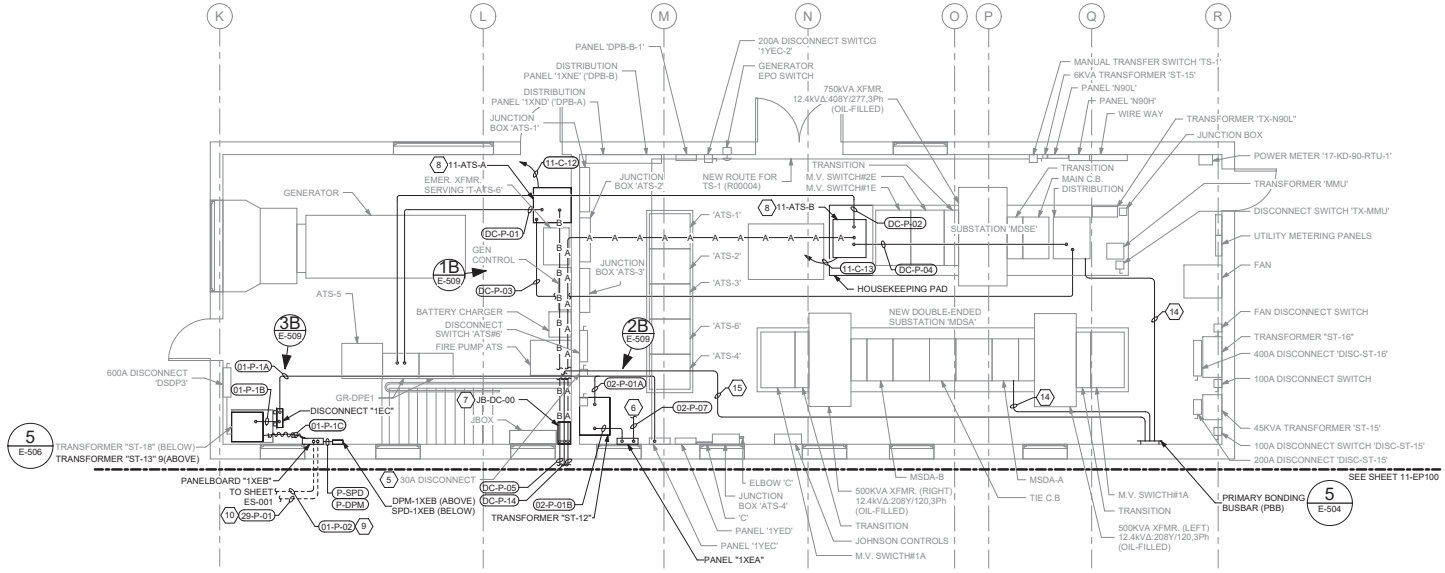
21/11/2025 8:58:13 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_46_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - - A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - - B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 BLDG 90 - LEVEL 01 - ELECTRICAL PLAN - EXISTING
1/4" = 1'-0"



2 BLDG 90 - LEVEL 01 - ELECTRICAL PLAN - REVISED
1/4" = 1'-0"

KEY NOTES

14 PROVIDE TBC AS SHOWN. REFERENCE TELECOM BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

15 PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHSYICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
3. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 90 ONE-LINE DIAGRAMS ON SHEETS 90-EP601, 90-EP602, 90-EP611, AND 90-EP612 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.

KEY NOTES

1 EXISTING EQUIPMENT AND ASSOCIATED RACEWAYS AND CONDUCTORS SHALL BE DEMOLISHED.

2 EXISTING EQUIPMENT SHALL BE DEMOLISHED AND REPLACED. PRESERVE AND PROTECT BRANCH CIRCUITS FOR RE-TERMINATION.

3 EXISTING EQUIPMENT SHALL BE MODIFIED TO SUPPLY POWER TO ADDED EHRM LOAD.

4 EQUIPMENT SHALL BE RELOCATED.

5 RELOCATED EQUIPMENT. EXTEND CONDUCTOR AND RACEWAY AS REQUIRED.

6 ROUTE FEEDER TO BUILDING 02 REPLACEMENT PANELBOARD "02-MDP" VIA EXISTING UNDERGROUND CONDUIT; PROVIDE NEW ABOVE-GROUND RACEWAY TO UNDERGROUND ENTRY POINTS AS REQUIRED.

7 PROVIDE JUNCTION BOX "JB-DC-00" (NEMA 1, LOCKABLE, WITH ID PLACARD), SIZE BOX PER NEC (MINIMUM 36"HX24"DX8"D).

8 PROVIDE EQUIPMENT AS INDICATED. EXTEND EXISTING HOUSEKEEPING PAD.

9 CONDUIT TO BUILDING 01 ROUTES INTO CRAWLSPACE BELOW; CONDUIT ROUTES VIA UNDERGROUND VAULT CONNECTION FROM BUILDING 11 ANNEX TO BUILDING 01.

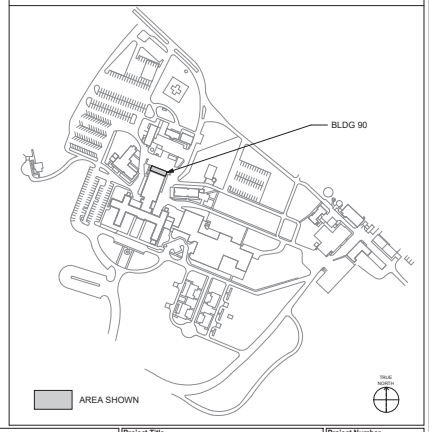
10 CONDUIT TO BUILDING 29 ROUTES INTO CRAWLSPACE BELOW; CONDUIT ROUTES VIA STEAM TUNNEL CONNECTION FROM BUILDING 11 ANNEX TO BUILDING 29.

11 DEMOLISH EXISTING CONDUCTORS AND ABOVEGROUND RACEWAY FROM BUILDING 01, PANELBOARD "E" BACK TO SOURCE. EXISTING UNDERGROUND RACEWAY SHALL BE CUT, CAPPED, LABELED "SPARE" AND ABANDONED".

12 DEMOLISH EXISTING CONDUCTORS AND ABOVEGROUND RACEWAY FROM BUILDING 29, PANELBOARD "29E" BACK TO SOURCE. EXISTING UNDERGROUND RACEWAY SHALL BE CUT, CAPPED, LABELED "SPARE" AND ABANDONED".

13 DEMOLISH EXISTING CONDUCTORS AND ABOVEGROUND RACEWAY FROM BUILDING 2, TAP FEEDING PANELBOARD "1XEA-B" BACK TO SOURCE. EXISTING UNDERGROUND RACEWAY SHALL BE CUT, CAPPED, LABELED "SPARE" AND ABANDONED".

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

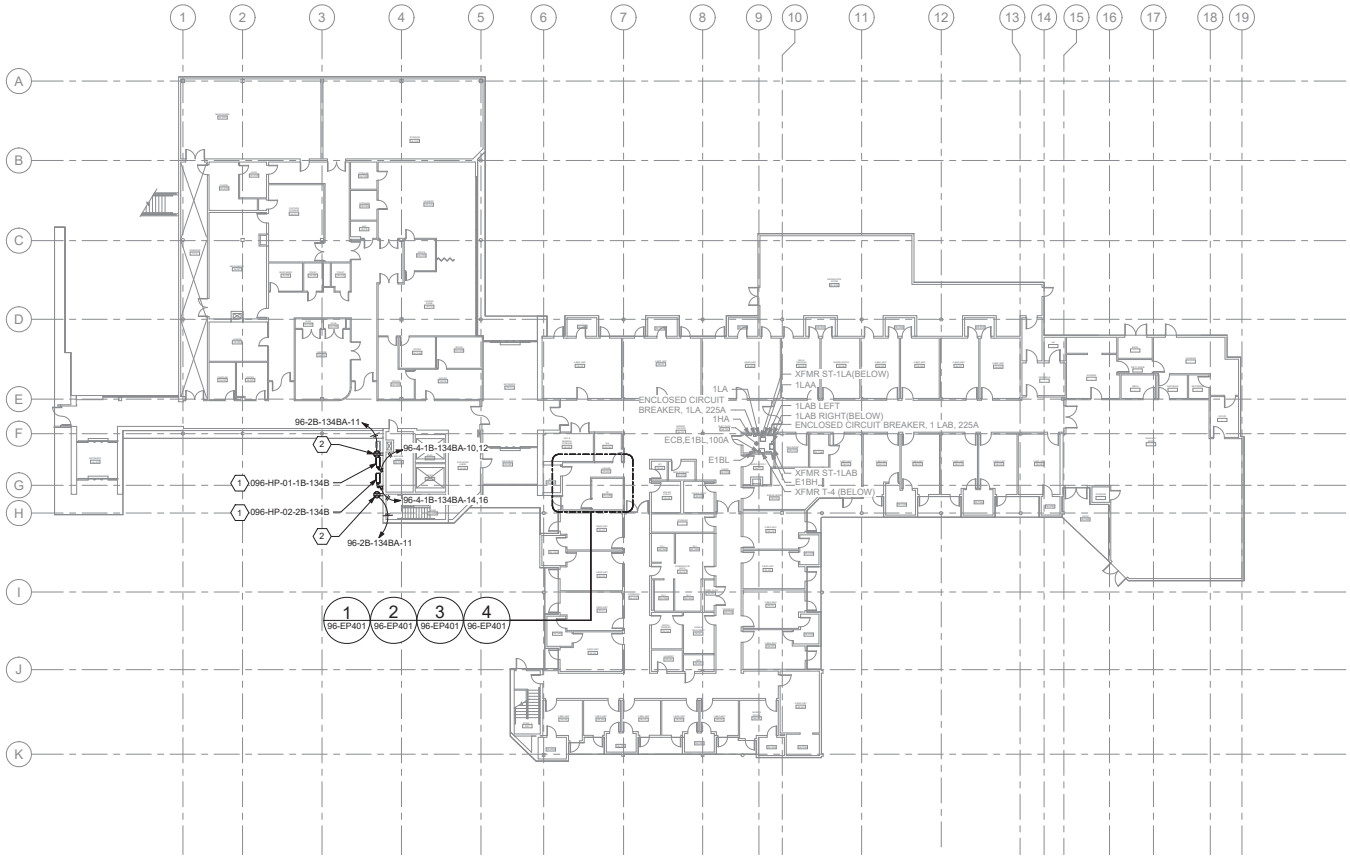
Drawing Title: BLDG 90 - LEVEL 01 - ELECTRICAL PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 90
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 90-EP101
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	164 of 339

VA FORM 08 - 6231

24/11/2025 3:25:51 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_90_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - -A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - -B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 ES-001 BLDG 96 - LEVEL 01 - ELECTRICAL PLAN

1/16" = 1'-0"

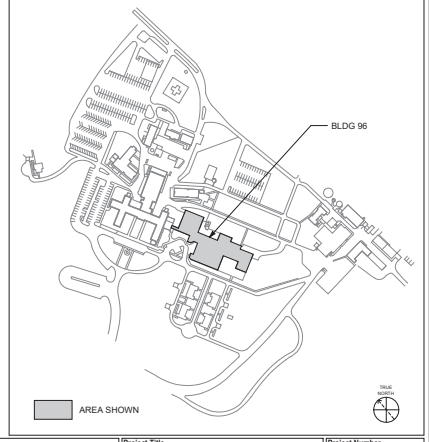
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
3. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 96 ONE-LINE DIAGRAMS ON SHEETS 96-EP601 AND 96-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.

KEY NOTES

1. PROVIDE CONDUIT AND WIRE FROM CONDENSING TO ASSOCIATED AC UNIT AS REQUIRED PER MANUFACTURER'S INSTRUCTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
2. PROVIDE SERVICE RECEPTACLE, 20A, 120V, GFCI, HOUSED IN WEATHER RATED DIE-CAST ALUMINUM WHILE-IN-USE COVER.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

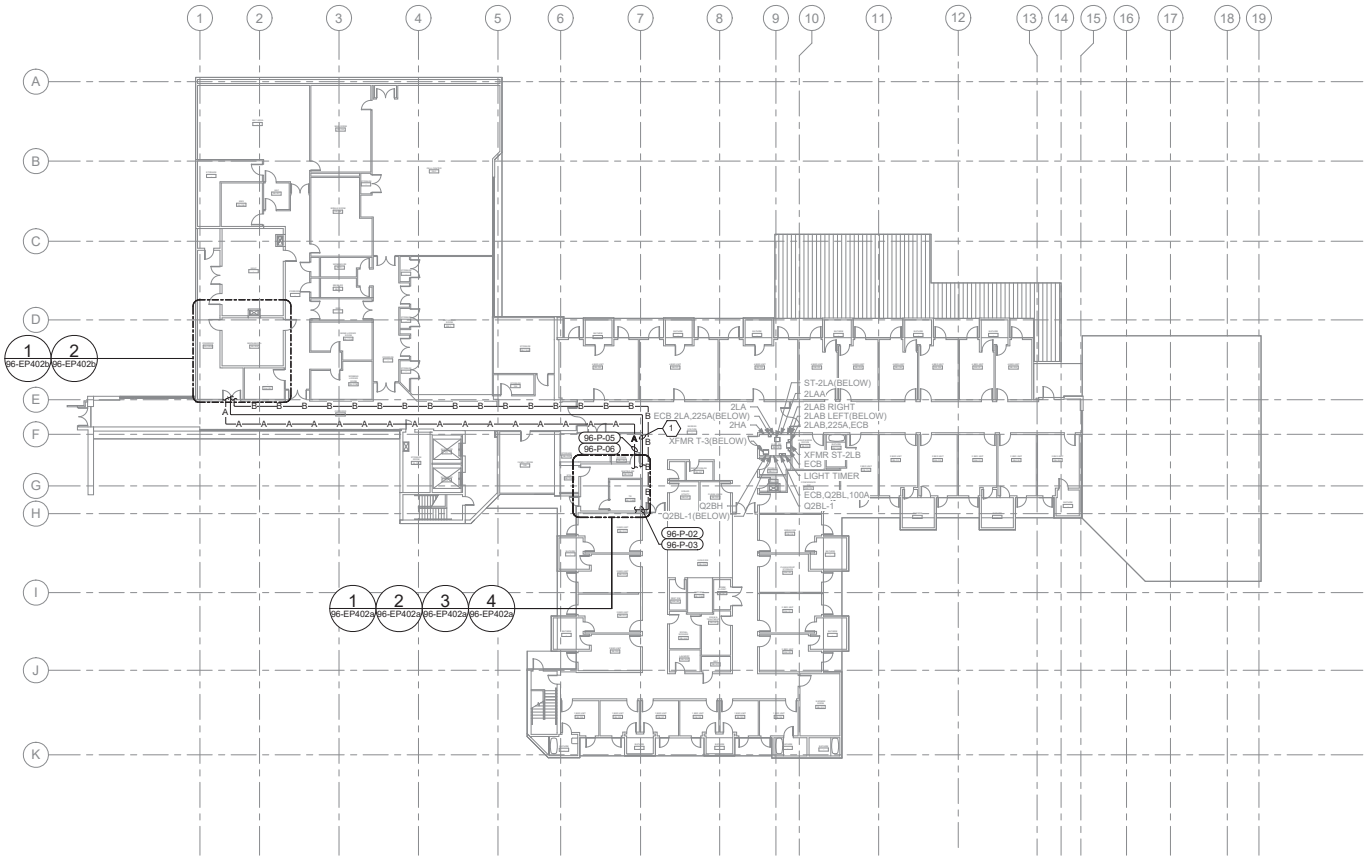
Drawing Title	BLDG 96 - LEVEL 01 - ELECTRICAL PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED	
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	96
Drawing Number	96-EP101

VA FORM 08 - 6231

1 11/21/2025 9:07:14 AM

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_96_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 BLDG 96 - LEVEL 02 - ELECTRICAL PLAN
ES-001
1/16" = 1'-0"

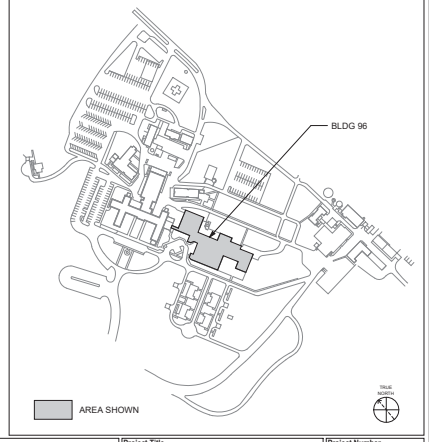
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
3. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 96 ONE-LINE DIAGRAMS ON SHEETS 96-EP601 AND 96-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.

KEY NOTES

1. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 96 - LEVEL 02 - ELECTRICAL PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED	
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	96
Drawing Number	96-EP102

VA FORM 08 - 6231
1 11/21/2025 9:07:16 AM
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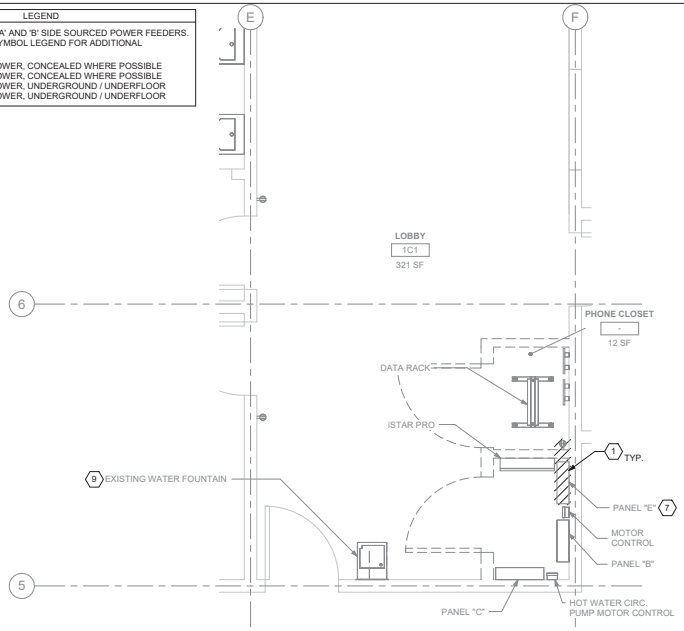
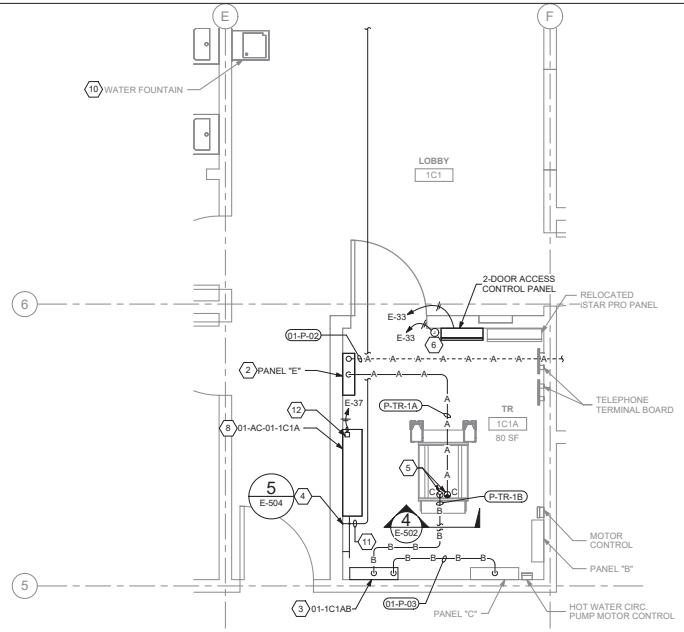
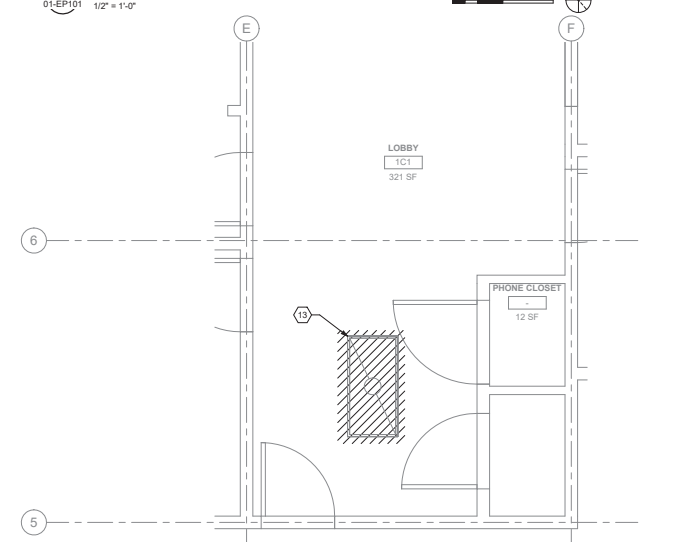
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - - A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - - B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



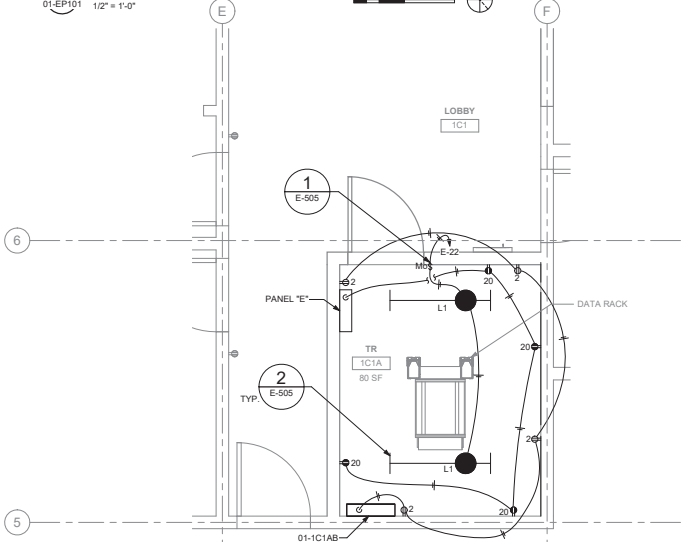
1 01-EP101 RM 1C1 - DEMOLITION ELECTRICAL PLAN 1/2" = 1'-0"



2 01-EP101 RM 1C1A - ELECTRICAL PLAN 1/2" = 1'-0"



3 01-EP101 RM 1C1 - DEMOLITION LIGHTING PLAN 1/2" = 1'-0"



4 01-EP101 RM 1C1A - LIGHTING AND RECEPTACLE PLAN 1/2" = 1'-0"

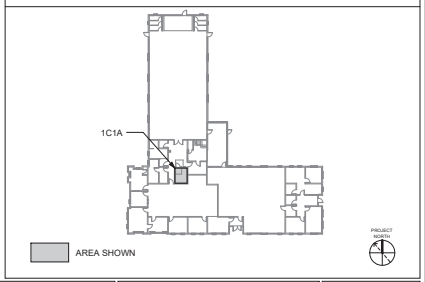
GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 01 ONE-LINE DIAGRAMS ON SHEETS 01-EP601 AND 01-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE:"P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. SOURCE A POWER PANELBOARD "E"; PROVIDE REPLACEMENT EQUIPMENT AS INDICATED.
3. SOURCE B POWER PANELBOARD "01-1C1AB"
4. PROVIDE SECONDARY BONDING BUSBAR. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON TECHNOLOGY SHEET T600 FOR ADDITIONAL INFORMATION.
5. OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
6. FURNISH AND INSTALL POWER SUPPLY WITHIN JUNCTION BOX AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN "08 71 00 - DOOR HARDWARE". COORDINATE WITH ARCHITECT AND DOOR INSTALLER.
7. EXISTING PANELBOARD SHALL BE DEMOLISHED AND REPLACED AS INDICATED. PRESERVE AND PROTECT EXISTING BRANCH CIRCUITS FOR RE-TERMINATION TO REVISED EQUIPMENT; PROVIDE JUNCTION BOXES (QUANTITY AS REQUIRED) TO HOUSE CONDUCTOR TERMINATIONS. SIZE BOXES PER NEC. COORDINATE FINAL JUNCTION BOX LOCATIONS WITH EXISTING CONDITIONS AND EQUIPMENT AS REQUIRED.
8. INTERIOR MECHANICAL UNIT POWERED FROM ASSOCIATED EXTERIOR UNIT. PROVIDE CONDUIT AND WIRE PER MANUFACTURER'S REQUIREMENTS. REFERENCE MECHANICAL DRAWINGS AND COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
9. EXISTING WATER FOUNTAIN SHALL BE RELOCATED. REFERENCE DETAIL "2" ON THIS SHEET.
10. RELOCATED WATER FOUNTAIN. EXTEND CIRCUIT AS REQUIRED.
11. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
12. PROVIDE CONNECTION FOR CONDENSATE PUMP. PROVIDE MOTOR RATED SINGLE POLE DISCONNECT SWITCH.
13. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED RACEWAYS AND CONDUCTORS SHALL BE DEMOLISHED BACK TO SOURCE. PROVIDE ANY ADDITIONAL CIRCUITING AS REQUIRED TO MAINTAIN REMAINING ROOM LIGHTING POWER AND CONTROLS.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 01 - LEVEL 01 - ENLARGED ELECTRICAL PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED	
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	01
Drawing Number	01-EP401

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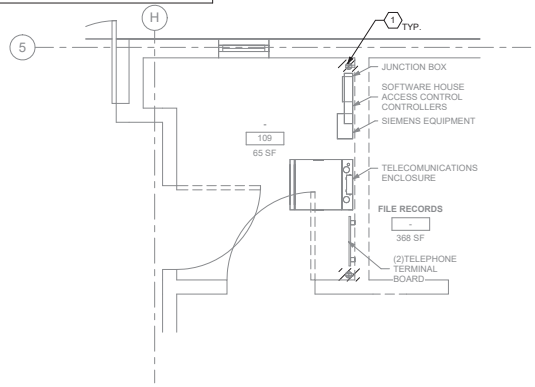
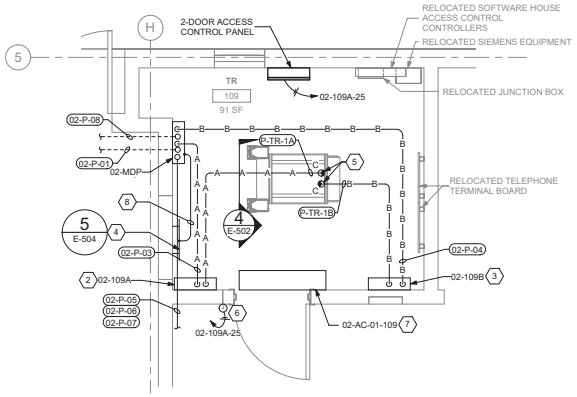
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_01_EL_SDB.rvt

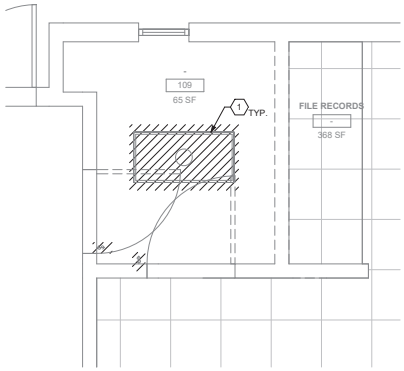
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - -A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - -B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



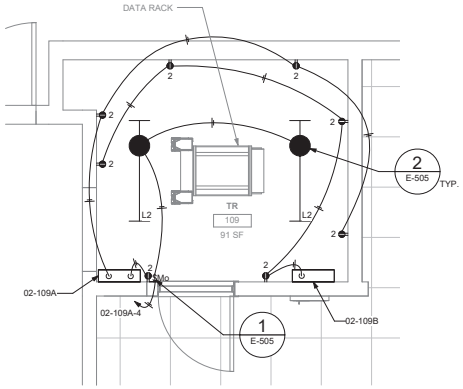
1 02-EP101 RM 109 & 110 - DEMOLITION ELECTRICAL PLAN
1/2" = 1'-0"



2 02-EP101 RM 109 - ELECTRICAL PLAN
1/2" = 1'-0"



3 02-EP101 RM 109 & 110 - DEMOLITION LIGHTING PLAN
1/2" = 1'-0"



4 02-EP101 RM 109 - LIGHTING AND RECEPTACLE PLAN
1/2" = 1'-0"

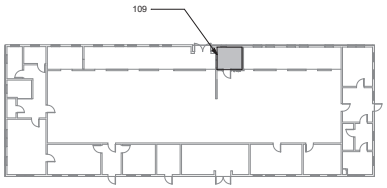
GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 02 ONE-LINE DIAGRAMS ON SHEETS 02-EP601 AND 02-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE:"P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. SOURCE A POWER PANELBOARD "02-109A".
3. SOURCE B POWER PANELBOARD "02-109B".
4. PROVIDE SECONDARY BONDING BUSBAR. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
5. OVERHEAD TR RACK SOURCE A AND B POWER RECEPTACLE.
6. FURNISH AND INSTALL POWER SUPPLY WITHIN JUNCTION BOX AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN "08 71 00 - DOOR HARDWARE". COORDINATE WITH ARCHITECT AND DOOR INSTALLER.
7. INTERIOR MECHANICAL UNIT POWERED FROM ASSOCIATED EXTERIOR UNIT. PROVIDE CONDUIT AND WIRE PER MANUFACTURER'S REQUIREMENTS. REFERENCE MECHANICAL DRAWINGS AND COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
8. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 ADDITIONAL INFORMATION.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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1-22-26

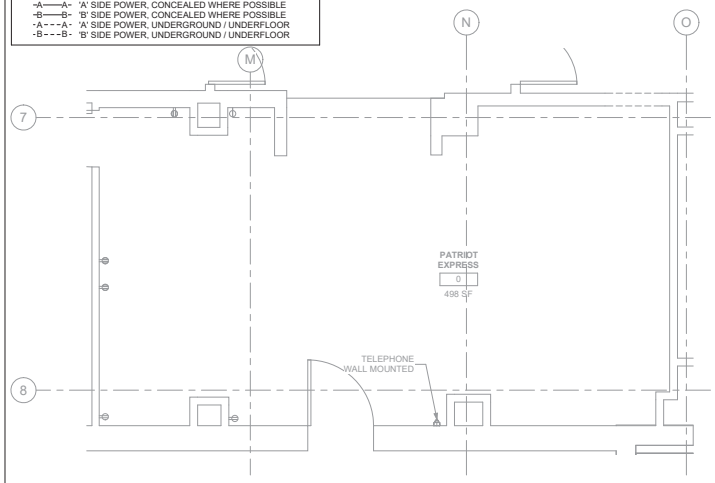
Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

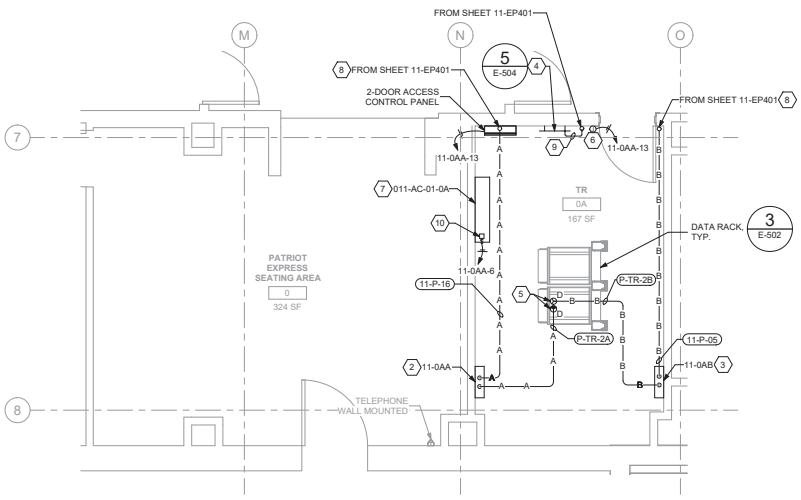
Drawing Title: BLDG 02 - LEVEL 01 - ENLARGED ELECTRICAL PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 02
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 02-EP401
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	168 of 339

VA FORM 08 - 6231

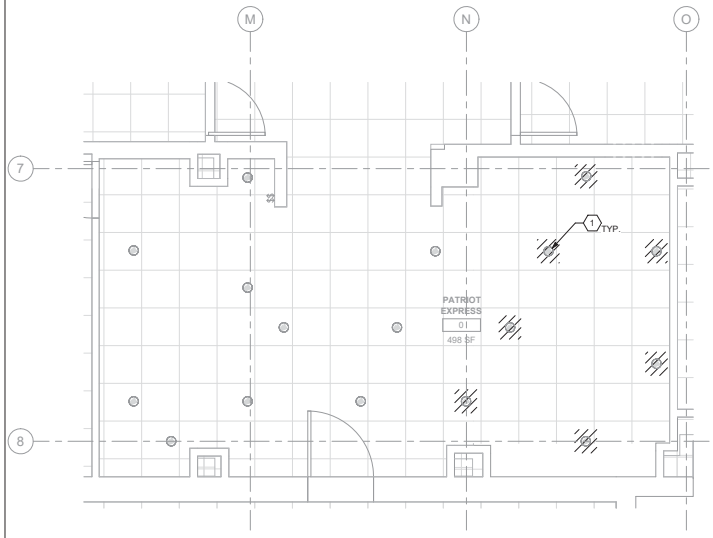
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



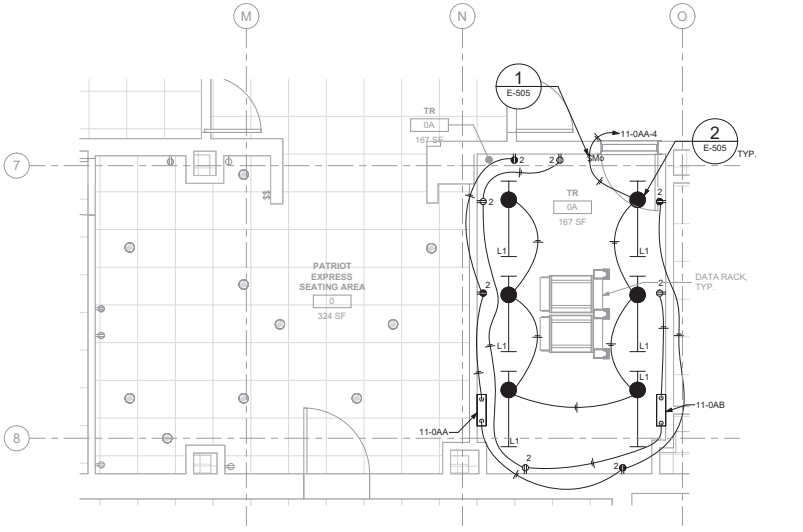
1 11-EP100 RM 0 - DEMOLITION ELECTRICAL PLAN
3/8" = 1'-0"



2 11-EP100 RM 0A - ELECTRICAL PLAN
3/8" = 1'-0"



3 11-EP100 RM 0 - DEMOLITION LIGHTING PLAN
3/8" = 1'-0"



4 11-EP100 RM 0A - LIGHTING AND RECEPTACLE PLAN
3/8" = 1'-0"

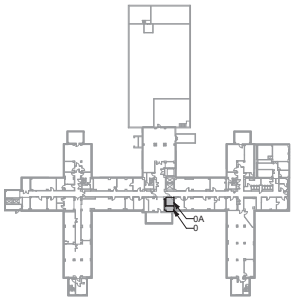
GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE:"P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED RACEWAYS AND CONDUCTORS SHALL BE DEMOLISHED BACK TO SOURCE. EXTEND EXISTING RACEWAYS AND CONDUCTORS TO MAINTAIN CIRCUITRY TO REMAIN.
2. SOURCE A POWER PANELBOARD "11-0AA".
3. SOURCE B POWER PANELBOARD "11-0AB".
4. PROVIDE SECONDARY BONDING BUSBAR. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON TECHNOLOGY SHEET T600 FOR ADDITIONAL INFORMATION.
5. OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
6. FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATE SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 08 71 00 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.
7. INTERIOR MECHANICAL UNIT POWERED FROM ASSOCIATED EXTERIOR UNIT. PROVIDE CONDUIT AND WIRE PER MANUFACTURER'S REQUIREMENTS. REFERENCE MECHANICAL DRAWINGS AND COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
8. TR PANELBOARD SOURCE RISER. EXTEND VERTICALLY FROM RISER TAP JUNCTION BOX INDICATED TO FLOOR BELOW. REFERENCE SHEET 11-EP401 FOR ADDITIONAL INFORMATION.
9. PROVIDE SBC AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
10. PROVIDE CONNECTION FOR CONDENSATE PUMP. PROVIDE MOTOR RATED SINGLE POLE DISCONNECT SWITCH.

KEY PLAN



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Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - ENLARGED ELECTRICAL PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
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Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11-EP400
	169 of 339

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Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

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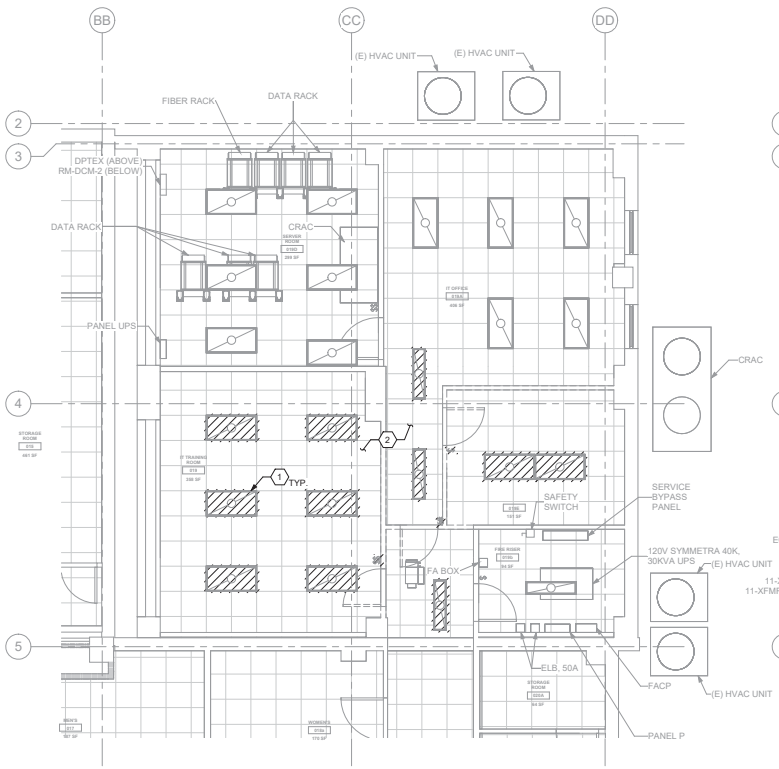
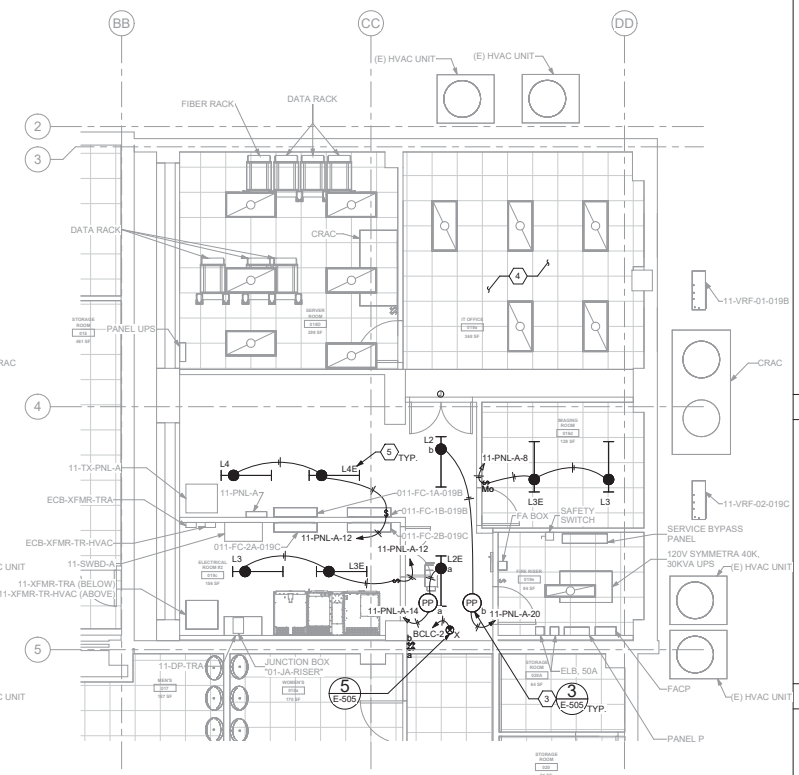


1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - DEMO LIGHTING PLAN
11-EP100 1/4" = 1'-0"



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7. COORDINATE WITH VA RESIDENT ENGINEER FOR FINAL LOCATIONS OF ALL RECEPTACLES AND SPECIAL CONNECTIONS FOR EQUIPMENT PRIOR TO ROUGH-IN.
8. NOT ALL CONDUIT AND WIRE MAY BE SHOWN FOR CLARITY. REFERENCE BUILDING 11 CONDUIT AND WIRE SCHEDULE FOR ADDITIONAL INFORMATION.
9. MAKE ALL CONNECTIONS TO EQUIPMENT PER MANUFACTURER'S REQUIREMENTS.
10. ALL LIGHTING CONTROLS SHALL BE LOW-VOLTAGE AND PROVIDE DIMMABLE CONTROL UNLESS OTHERWISE NOTED. LINE VOLTAGE WALL MOUNTED OCCUPANCY SWITCHES SHALL BE NON-DIMMABLE. ELECTRICAL AND MECHANICAL ROOMS SHALL HAVE LINE VOLTAGE, NON DIMMABLE, SNAP SWITCHES.
11. LOCATIONS AND QUANTITIES OF OCCUPANCY SENSORS AND POWER PACKS ARE SHOWN FOR FUNCTIONAL PURPOSES ONLY; NOT ALL LIGHTING CONTROL APPURTENANCES MAY BE SHOWN. PROVIDE OCCUPANCY SENSORS AND POWER PACKS AS REQUIRED. CONTRACTOR SHALL PROVIDE ALL REQUIRED LIGHTING CONTROL DEVICES (QUANTITIES AND TYPES) AS REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
12. REFERENCE "LUMINAIRE MOUNTING SCHEDULE" ON SHEET EP701 FOR ALL LUMINAIRE MOUNTING HEIGHTS.
13. PROVIDE POWER RELAYS, LOW VOLTAGE TRANSFORMERS, CONDUIT AND JUNCTION BOXES FOR THE FOLLOWING SPECIAL SYSTEMS AS REQUIRED: AUTOMATIC DOORS, FIRE ALARM, ACCESS CONTROL, CCTV, VOICE/DATA, BMS, SECURITY SYSTEM CONNECTIONS, AND MECHANICAL CONTROLS.

KEY NOTES

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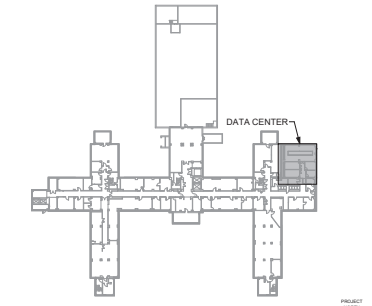
3. PROVIDE POWER PACK TO POWER/CONTROL LUMINAIRES AS INDICATED; LOCATE POWER PACKS WITHIN 2' OF CEILING. PROVIDE ALL CABLING, ENCLOSURES, AND MOUNTING HARDWARE PER MANUFACTURER'S REQUIREMENTS.
4. PROVIDE TEMPORARY POWER AND CONTROLS TO MAINTAIN EXISTING ROOM LIGHTING.
5. ALL LUMINAIRES WITH 'E' SUFFIX SHALL BE PROVIDED WITH EMERGENCY POWER VIA EMERGENCY LIGHTING UL-924 TRANSFER SWITCH CIRCUITED TO LIFE SAFETY PANEL "BCLC" CIRCUIT 2. REFERENCE LUMINAIRE SCHEDULE ON SHEET EP701 FOR ADDITIONAL INFORMATION.

KEY PLAN



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KENT, WA 98032

STAMP

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - LIGHTING PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11-EL400a

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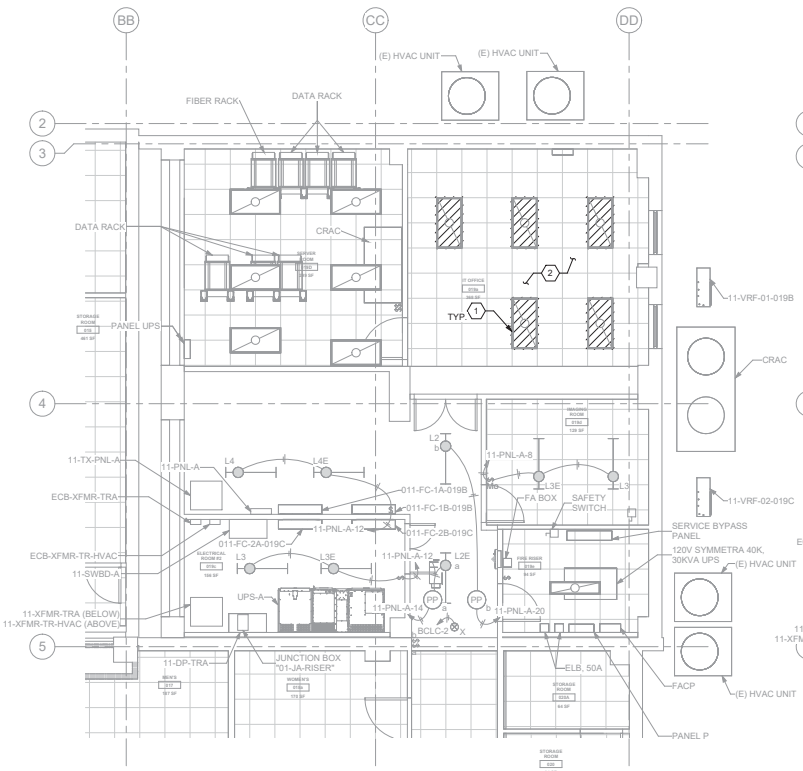

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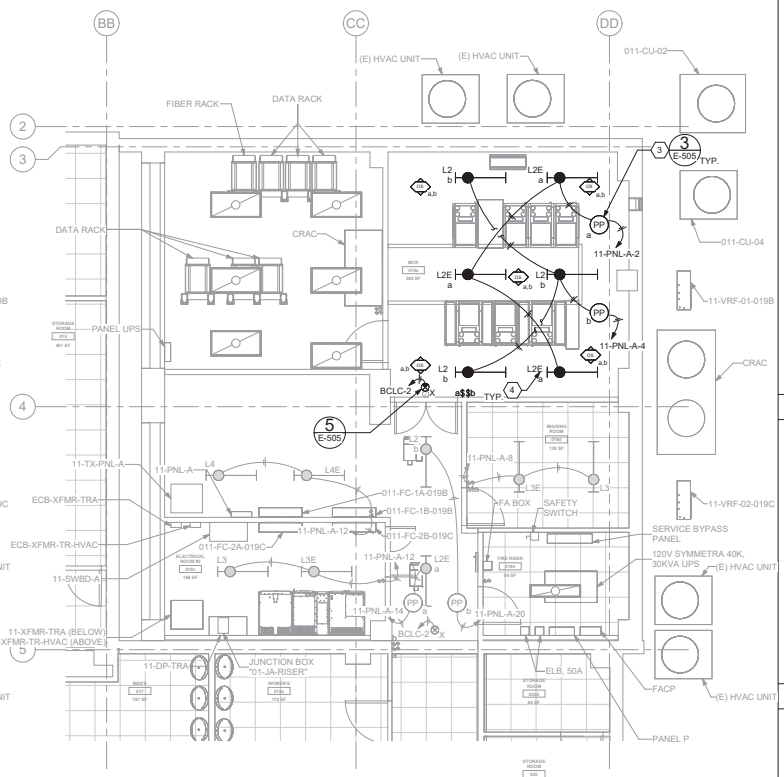
11-EP100 1/4" = 1'-0"



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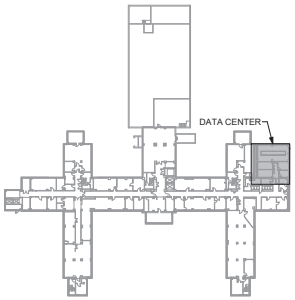

Revisions:	Date:

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ARCHITECT/ ENGINEER OF RECORD

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KENT, WA 98032

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Drawing Title	BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - LIGHTING PLANS
Approved:	
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Issue Date	11/21/2025
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Drawing Number	11-EL400b

171 of 339

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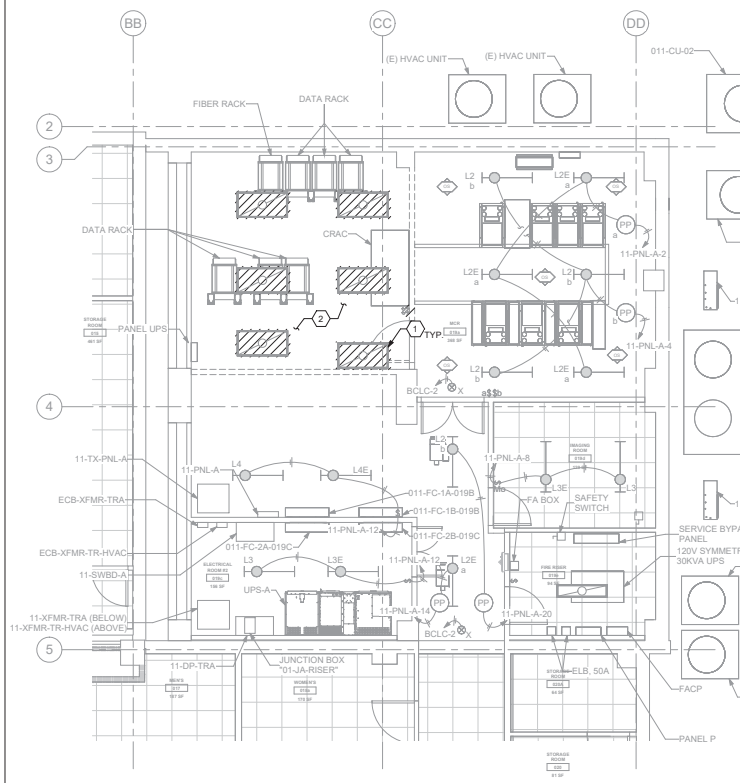

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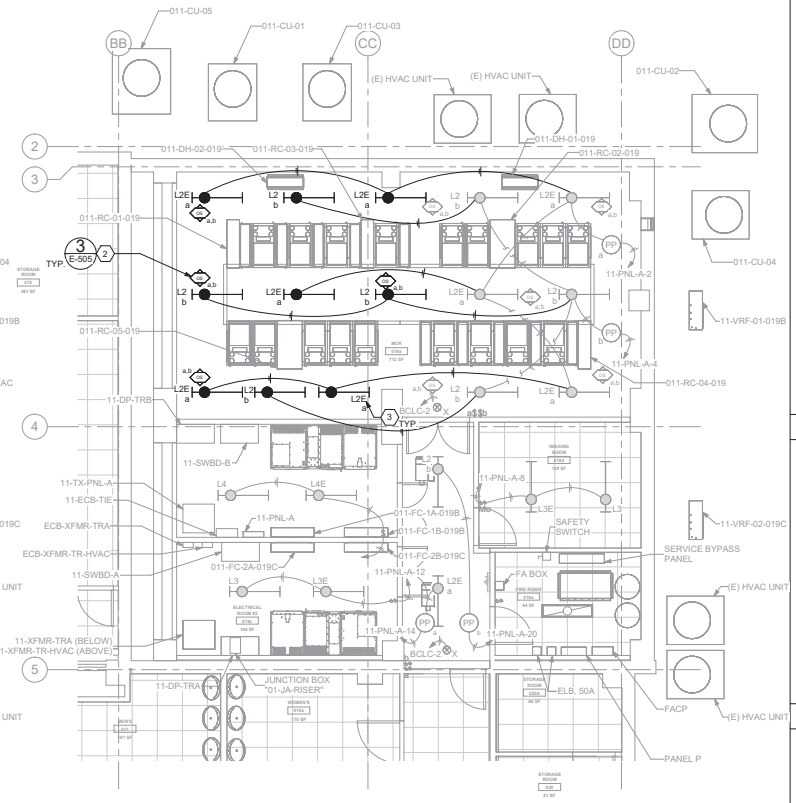

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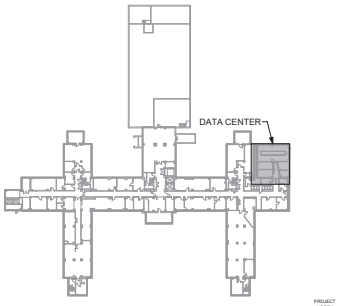
7. COORDINATE WITH VA RESIDENT ENGINEER FOR FINAL LOCATIONS OF ALL RECEPTACLES AND SPECIAL CONNECTIONS FOR EQUIPMENT PRIOR TO ROUGH-IN.
8. NOT ALL CONDUIT AND WIRE MAY BE SHOWN FOR CLARITY. REFERENCE BUILDING 11 CONDUIT AND WIRE SCHEDULE FOR ADDITIONAL INFORMATION.
9. MAKE ALL CONNECTIONS TO EQUIPMENT PER MANUFACTURER'S REQUIREMENTS.
10. ALL LIGHTING CONTROLS SHALL BE LOW-VOLTAGE AND PROVIDE DIMMABLE CONTROL UNLESS OTHERWISE NOTED. LINE VOLTAGE WALL MOUNTED OCCUPANCY SWITCHES SHALL BE NON-DIMMABLE. ELECTRICAL AND MECHANICAL ROOMS SHALL HAVE LINE VOLTAGE, NON DIMMABLE, SNAP SWITCHES.
11. LOCATIONS AND QUANTITIES OF OCCUPANCY SENSORS AND POWER PACKS ARE SHOWN FOR FUNCTIONAL PURPOSES ONLY; NOT ALL LIGHTING CONTROL APPURTENANCES MAY BE SHOWN. PROVIDE OCCUPANCY SENSORS AND POWER PACKS AS REQUIRED. CONTRACTOR SHALL PROVIDE ALL REQUIRED LIGHTING CONTROL DEVICES (QUANTITIES AND TYPES) AS REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
12. REFERENCE "LUMINAIRE MOUNTING SCHEDULE" ON SHEET EP701 FOR ALL LUMINAIRE MOUNTING HEIGHTS.
13. PROVIDE POWER RELAYS, LOW VOLTAGE TRANSFORMERS, CONDUIT AND JUNCTION BOXES FOR THE FOLLOWING SPECIAL SYSTEMS AS REQUIRED: AUTOMATIC DOORS, FIRE ALARM, ACCESS CONTROL, CCTV, VOICE/DATA, BMS, SECURITY SYSTEM CONNECTIONS, AND MECHANICAL CONTROLS.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. UTILIZE EXISTING ROOM CONVENIENCE RECEPTACLES TO PROVIDE STRIP LIGHTING AND/OR TRIPOD-MOUNTED CONSTRUCTION LIGHT AS REQUIRED FOR TEMPORARY LIGHTING DURING PHASING.
3. ALL LUMINAIRES WITH 'E' SUFFIX SHALL BE PROVIDED WITH EMERGENCY POWER VIA EMERGENCY LIGHTING UL-924 TRANSFER SWITCH CIRCUITED TO LIFE SAFETY PANEL "BCLC" CIRCUIT 2. REFERENCE LUMINAIRE SCHEDULE ON SHEET EP701 FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - LIGHTING PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: SHM/SGG | Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 11

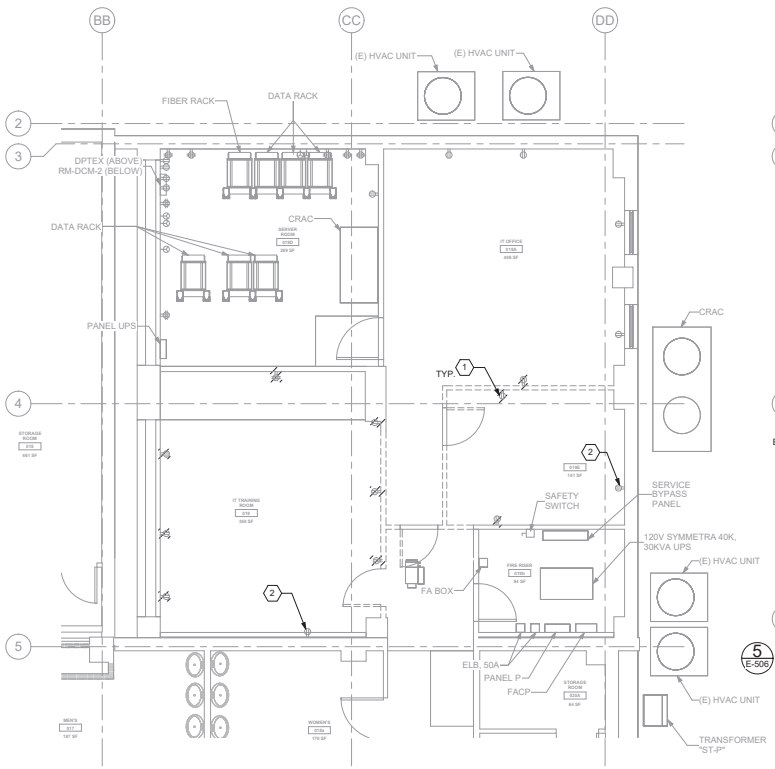
Drawing Number: 11-EL400c

VA FORM 08 - 6231

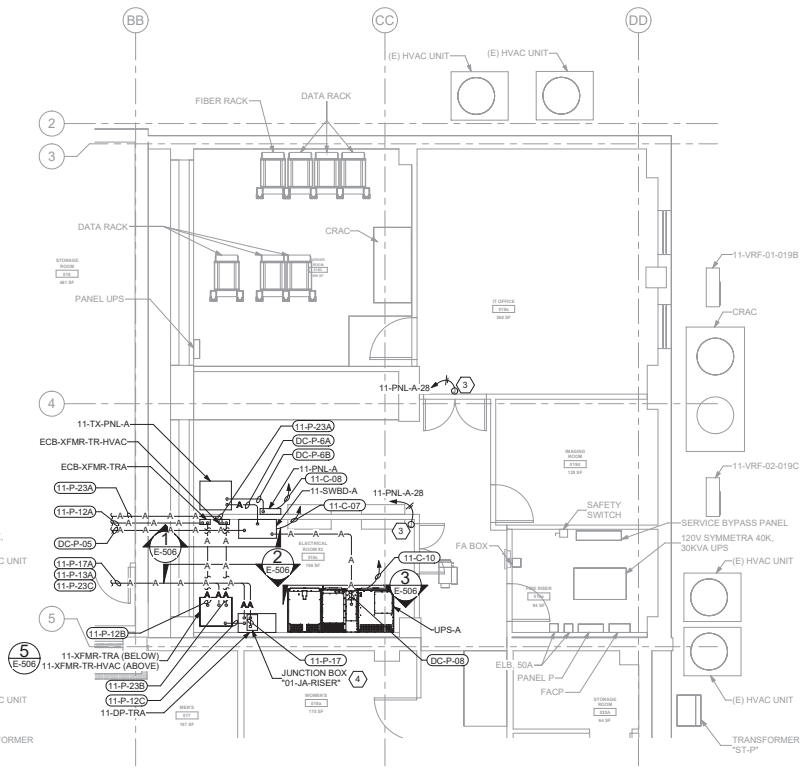
13/01/2026 10:57:21 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1- DEMO ELECTRICAL PLAN
11-EP100 1/4" = 1'-0"



2 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - POWER PLAN
11-EP100 1/4" = 1'-0"

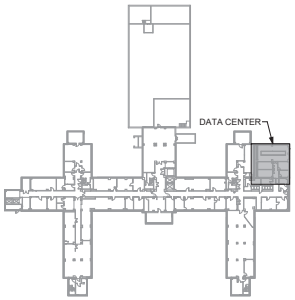
GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL ELECTRICAL AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFIRM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH FIRE RATING. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR PHASING INFORMATION.
7. COORDINATE WITH VA RESIDENT ENGINEER FOR FINAL LOCATIONS OF ALL RECEPTACLES AND SPECIAL CONNECTIONS FOR EQUIPMENT PRIOR TO ROUGH-IN.
8. NOT ALL CONDUIT AND WIRE MAY BE SHOWN FOR CLARITY. REFERENCE BUILDING 11 CONDUIT AND WIRE SCHEDULE FOR ADDITIONAL INFORMATION.
9. MAKE ALL CONNECTIONS TO EQUIPMENT PER MANUFACTURER'S REQUIREMENTS.
10. PROVIDE POWER RELAYS, LOW VOLTAGE TRANSFORMERS, CONDUIT AND JUNCTION BOXES FOR THE FOLLOWING SPECIAL SYSTEMS AS REQUIRED: AUTOMATIC DOORS, FIRE ALARM, ACCESS CONTROL, CCTV, VOICE/DATA, BMS, SECURITY SYSTEM CONNECTIONS, AND MECHANICAL CONTROLS.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. EXISTING RECEPTACLES SHALL REMAIN TO BE UTILIZED AS POWER SOURCES FOR TEMPORARY LIGHTING DURING PHASING AS REQUIRED. REFERENCE LIGHTING PHASING SHEETS FOR ADDITIONAL INFORMATION. WHEN TEMPORARY LIGHTING IS NO LONGER REQUIRED, DEMOLISHED RECEPTACLE AND ASSOCIATED RACEWAY AND CONDUCTORS BACK TO SOURCE.
3. FURNISH AND INSTALL POWER SUPPLY WITHIN JUNCTION BOX AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN "08 71 00 - DOOR HARDWARE". COORDINATE WITH ARCHITECT AND DOOR INSTALLER.
4. PROVIDE JUNCTION BOX AND INSULATED TAPS AS REQUIRED FOR CONDUIT AND WIRE TRANSITION. SIZE JUNCTION BOX PER NEC. JUNCTION BOX SHALL BE INSTALLED IN CEILING SPACE; CONTRACTOR SHALL COORDINATE WITH EXISTING CONDITIONS AS REQUIRED. REFERENCE ASSOCIATED ONE-LINE DIAGRAMS FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1- POWER PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11-EP400a
	173 of 339

VA FORM 08 - 6231
1 13/01/2026 10:57:25 am
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

LEGEND
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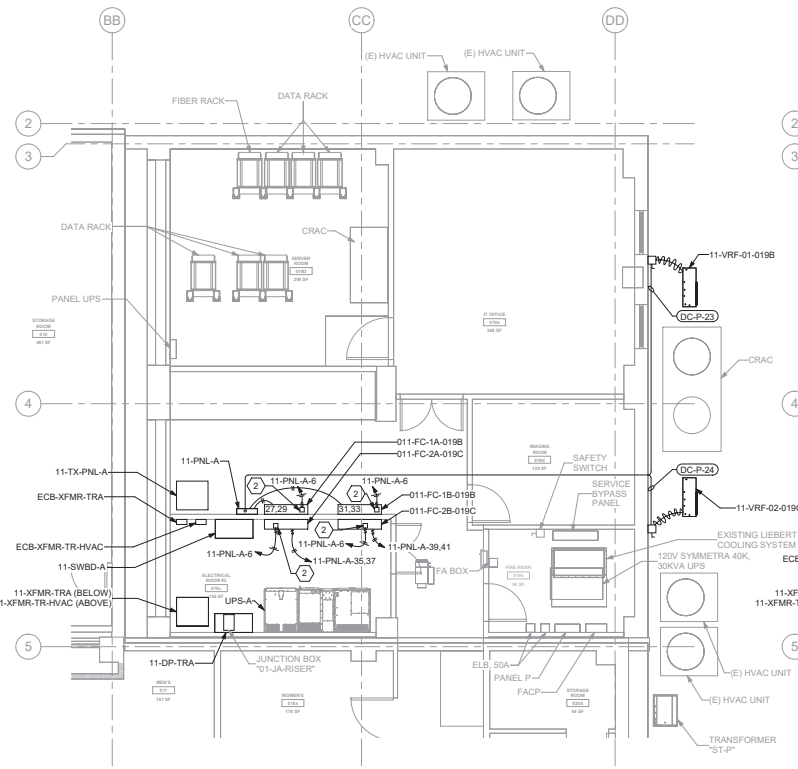
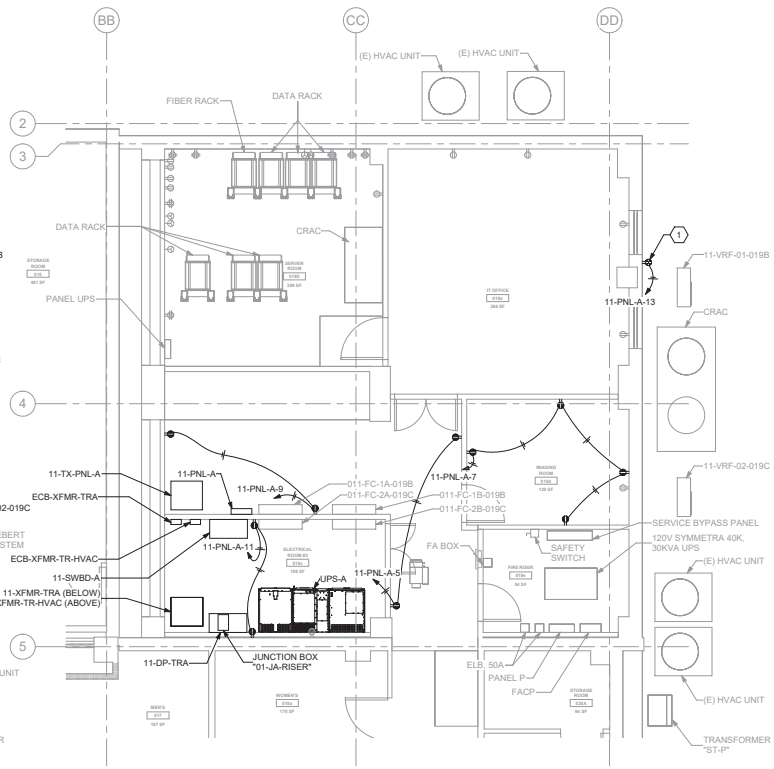
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - - A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - - B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - POWER PLAN - MECHANICAL EQUIPMENT
11-EP100 1/4" = 1'-0"



2 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - POWER PLAN - RECEPTACLES
11-EP100 1/4" = 1'-0"

GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL ELECTRICAL AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFIRM WITH VA STANDARDS.
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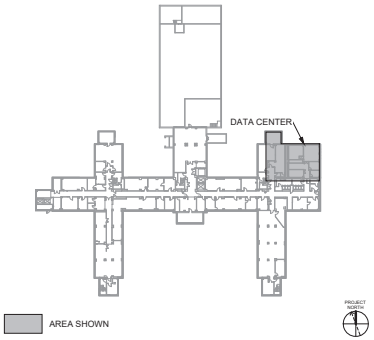
KEY NOTES

1. PROVIDE SERVICE RECEPTACLE, 20A, 120V, GFCI, HOUSED IN WEATHER RATED DIE-CAST ALUMINUM WHILE-IN-USE COVER.
2. PROVIDE CONNECTION FOR CONDENSATE PUMP. PROVIDE MOTOR RATED SINGLE POLE DISCONNECT SWITCH.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

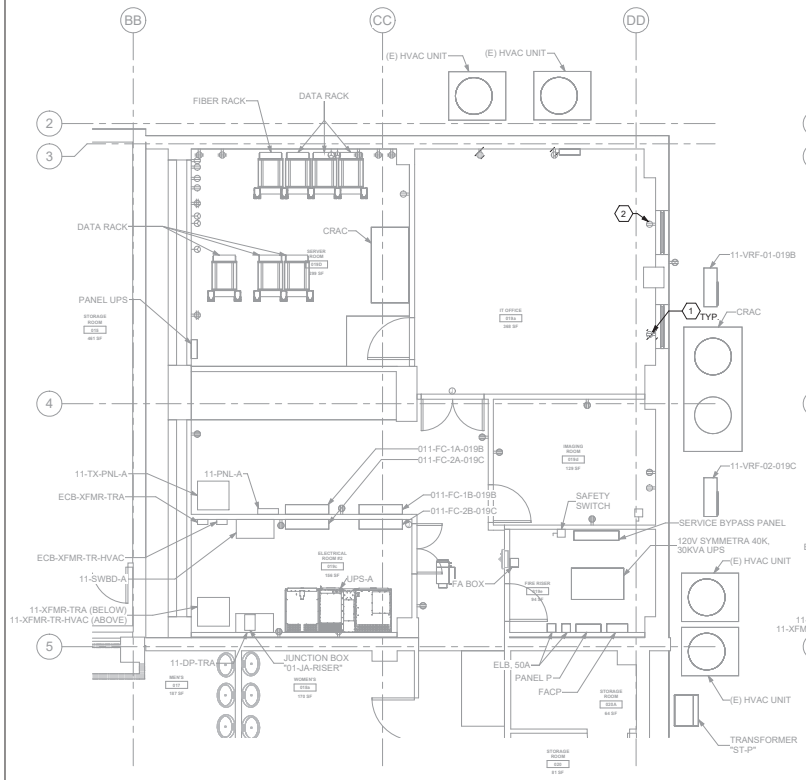
Drawing Title	BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - POWER PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11-EP400b

VA FORM 08 - 6231

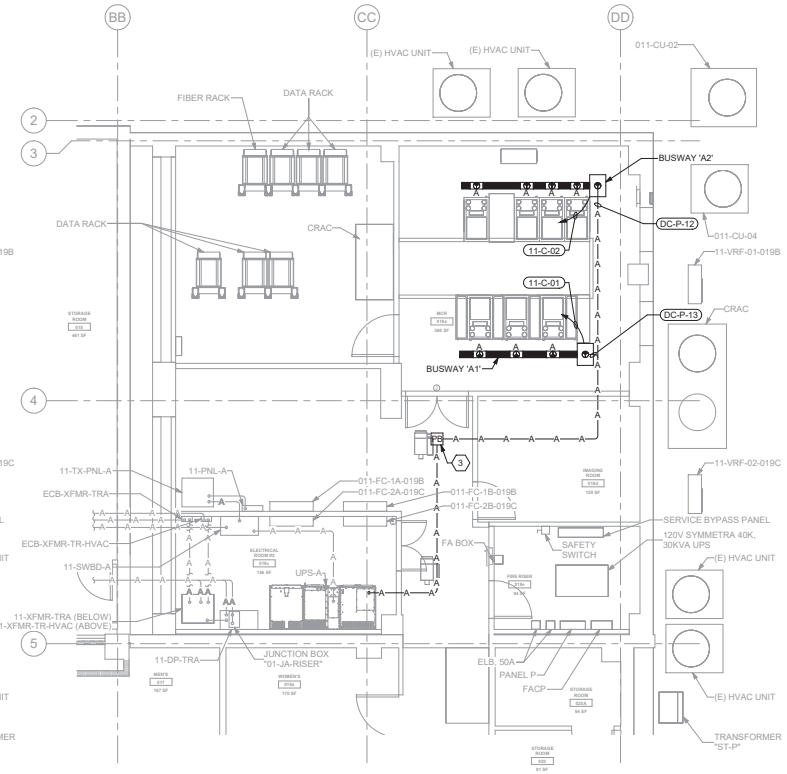
13/01/2026 10:57:28 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION. -A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE -B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE -A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR -B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - DEMO ELECTRICAL PLAN
11-EP100 1/4" = 1'-0"



2 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - POWER PLAN
11-EP100 1/4" = 1'-0"

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4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFIRM WITH VA STANDARDS.
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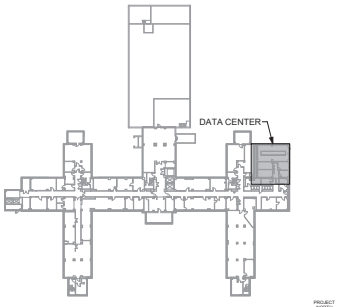
3. PROVIDE PULLBOX. SIZE PULLBOX PER NEC. CONTRACTOR SHALL LOCATE PULLBOX TO COORDINATE WITH EXISTING CONDITIONS AS REQUIRED.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - POWER PLANS
Approved:

Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: SHM/SGG
Drawn: RTS/ONI

Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11-EP400c

VA FORM 08 - 6231
13/01/2026 10:57:32 am
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

LEGEND
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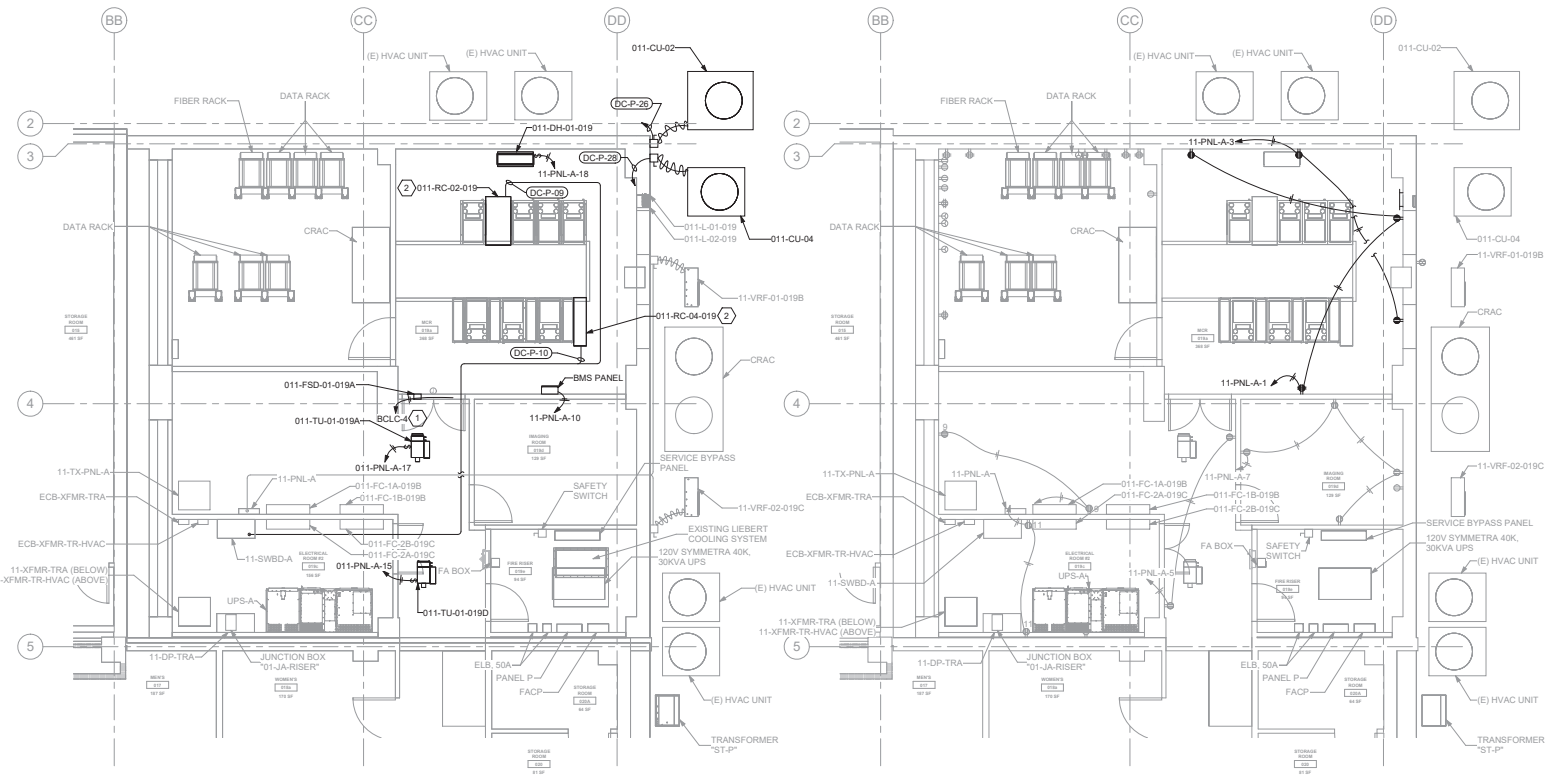

1 11-EP100 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - POWER PLAN - MECHANICAL EQUIPMENT

1/4" = 1'-0"

2 11-EP100 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - POWER PLAN - RECEPTACLES

1/4" = 1'-0"

GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.
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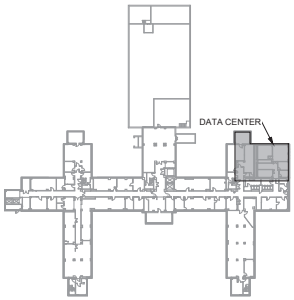
KEY NOTES

1. PROVIDE (1) 20A CIRCUIT IN LIFE SAFETY PANEL "BCLC" FOR FIRE SMOKE DAMPER.
2. MECHANICAL EQUIPMENT PROVIDED WITH INTEGRAL DISCONNECT. REFERENCE MECHANICAL SHEETS AS REQUIRED.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - POWER PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED	
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11-EP400d

VA FORM 08 - 6231

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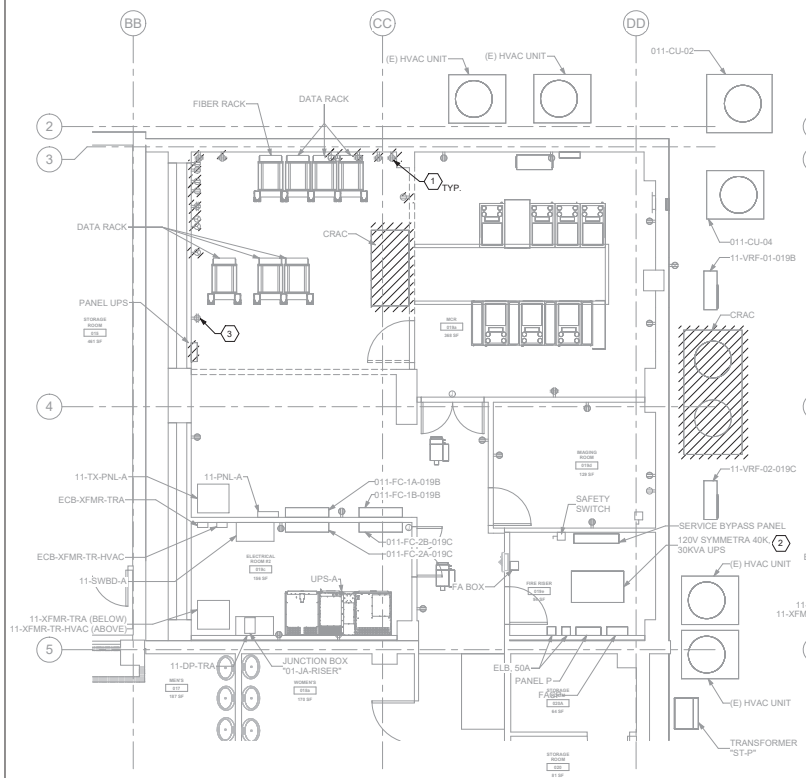
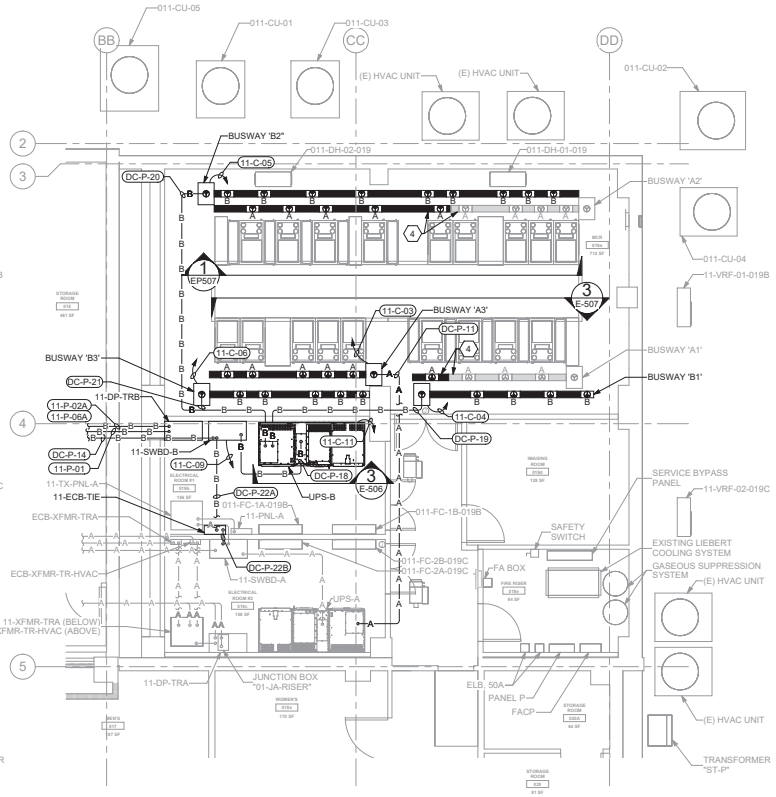
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
·A - - - A· 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
·B - - - B· 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - DEMO ELECTRICAL PLAN
11-EP100 1/4" = 1'-0"



2 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - POWER PLAN
11-EP100 1/4" = 1'-0"

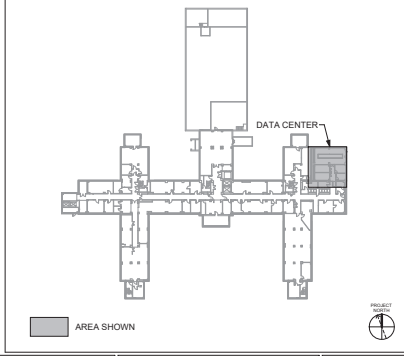
GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL ELECTRICAL AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFIRM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH FIRE RATING. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR PHASING INFORMATION.
7. COORDINATE WITH VA RESIDENT ENGINEER FOR FINAL LOCATIONS OF ALL RECEPTACLES AND SPECIAL CONNECTIONS FOR EQUIPMENT PRIOR TO ROUGH-IN.
8. NOT ALL CONDUIT AND WIRE MAY BE SHOWN FOR CLARITY. REFERENCE BUILDING 11 CONDUIT AND WIRE SCHEDULE FOR ADDITIONAL INFORMATION.
9. MAKE ALL CONNECTIONS TO EQUIPMENT PER MANUFACTURER'S REQUIREMENTS.
10. PROVIDE POWER RELAYS, LOW VOLTAGE TRANSFORMERS, CONDUIT AND JUNCTION BOXES FOR THE FOLLOWING SPECIAL SYSTEMS AS REQUIRED: AUTOMATIC DOORS, FIRE ALARM, ACCESS CONTROL, CCTV, VOICE/DATA, BMS, SECURITY SYSTEM CONNECTIONS, AND MECHANICAL CONTROLS.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. EXISTING EQUIPMENT SHALL BE SALVAGED TO VA. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
3. EXISTING RECEPTACLES SHALL REMAIN TO BE UTILIZED AS POWER SOURCES FOR TEMPORARY LIGHTING DURING PHASING AS REQUIRED. REFERENCE LIGHTING PHASING SHEETS FOR ADDITIONAL INFORMATION. WHEN TEMPORARY LIGHTING IS NO LONGER REQUIRED, DEMOLISHED RECEPTACLE AND ASSOCIATED RACEWAY AND CONDUCTORS BACK TO SOURCE.
4. A-SIDE BUSWAY SHALL BE DE-ENERGIZED FOR INSTALLATION OF BUS EXTENSION. B-SIDE BUSWAY SHALL REMAIN ENERGIZED TO ENSURE NO EQUIPMENT OUTAGES.

KEY PLAN



Revisions:	Date:

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A/E:
SPEES DESIGN BUILD
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KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - POWER PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11-EP400e

VA FORM 08 - 6231

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

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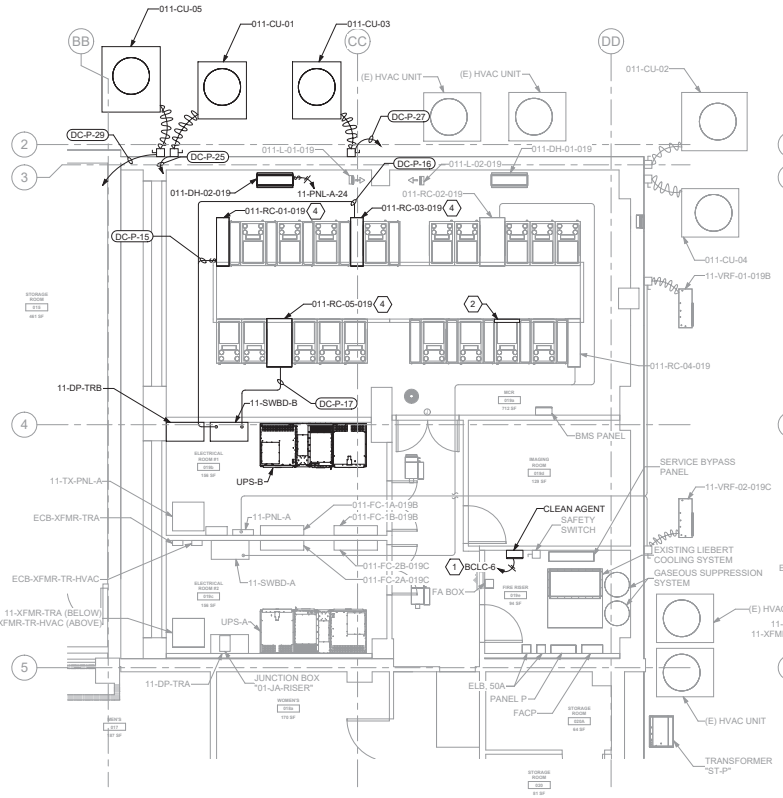
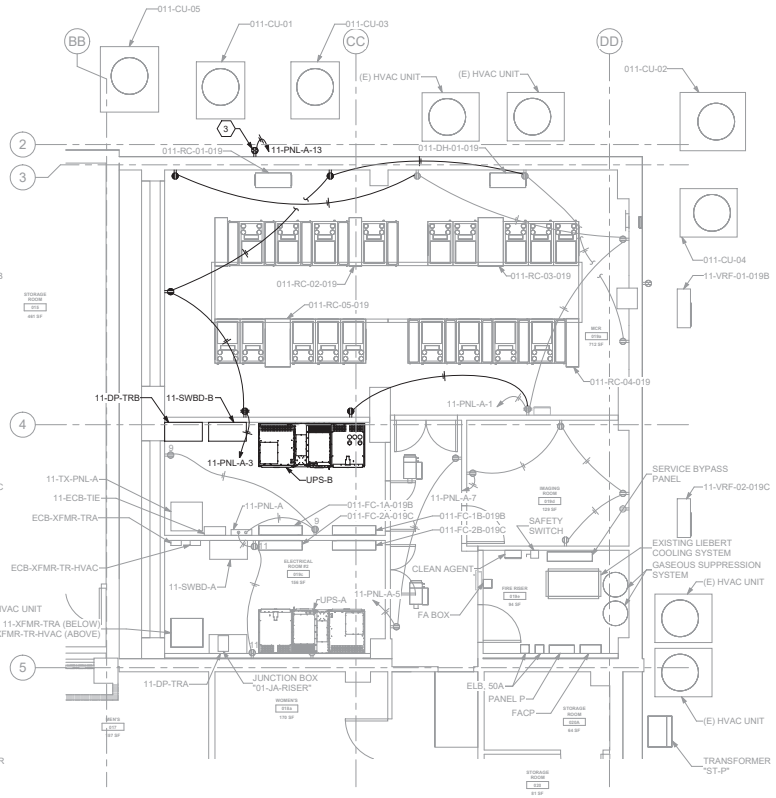
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - - A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - - B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - POWER PLAN - MECHANICAL EQUIPMENT
11-EP100 1/4" = 1'-0"



2 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - POWER PLAN - RECEPTACLES
11-EP100 1/4" = 1'-0"

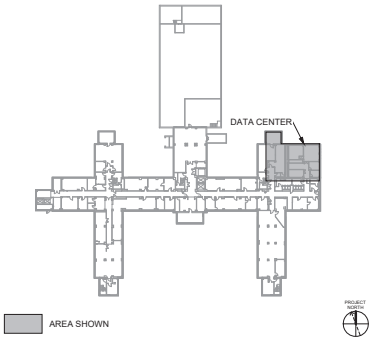
GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL ELECTRICAL AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFIRM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH FIRE RATING. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR PHASING INFORMATION.
7. COORDINATE WITH VA RESIDENT ENGINEER FOR FINAL LOCATIONS OF ALL RECEPTACLES AND SPECIAL CONNECTIONS FOR EQUIPMENT PRIOR TO ROUGH-IN.
8. NOT ALL CONDUIT AND WIRE MAY BE SHOWN FOR CLARITY. REFERENCE BUILDING 11 CONDUIT AND WIRE SCHEDULE FOR ADDITIONAL INFORMATION.
9. MAKE ALL CONNECTIONS TO EQUIPMENT PER MANUFACTURER'S REQUIREMENTS.
10. PROVIDE POWER RELAYS, LOW VOLTAGE TRANSFORMERS, CONDUIT AND JUNCTION BOXES FOR THE FOLLOWING SPECIAL SYSTEMS AS REQUIRED: AUTOMATIC DOORS, FIRE ALARM, ACCESS CONTROL, CCTV, VOICE/DATA, BMS, SECURITY SYSTEM CONNECTIONS, AND MECHANICAL CONTROLS.

KEY NOTES

1. PROVIDE (1) 20A CIRCUIT IN LIFE SAFETY PANEL "BCLC" FOR CLEAN AGENT CONTROL PANEL.
2. BMS NETWORK EXPANSION SWITCH LOCATED IN TELECOMMUNICATIONS RACK. COORDINATE FINAL PLACEMENT WITH VA. REFERENCE DETAIL '1' ON SHEET E-501 FOR ADDITIONAL INFORMATION.
3. PROVIDE SERVICE RECEPTACLE, 20A, 120V, GFCI, HOUSED IN WEATHER RATED DIE-CAST ALUMINUM WHILE-IN-USE COVER.
4. MECHANICAL EQUIPMENT PROVIDED WITH INTEGRAL DISCONNECT. REFERENCE MECHANICAL SHEETS AS REQUIRED.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

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A/E:
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23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - POWER PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: SHM/SGG | Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 11

Drawing Number: 11-EP400f

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Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

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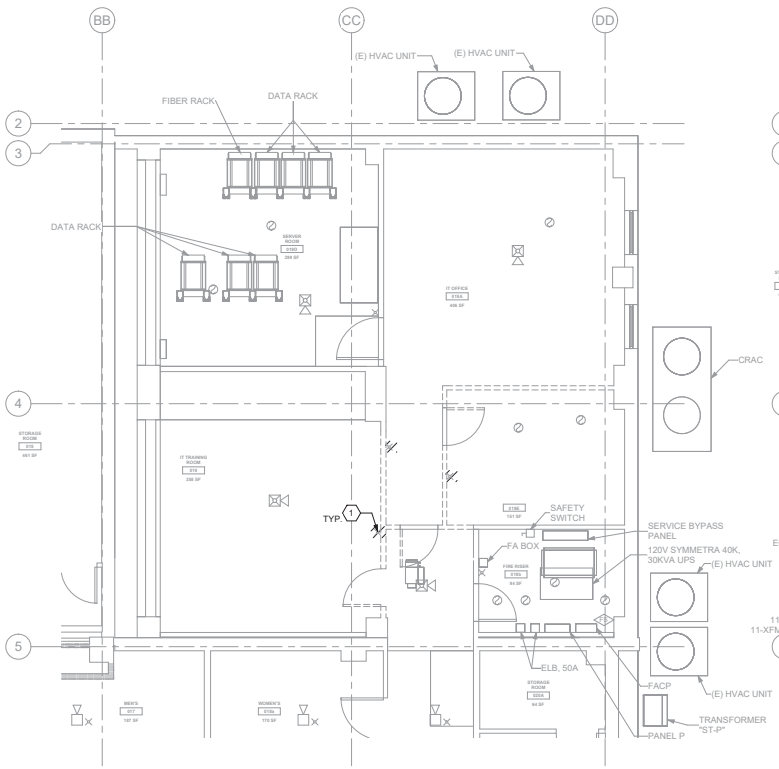
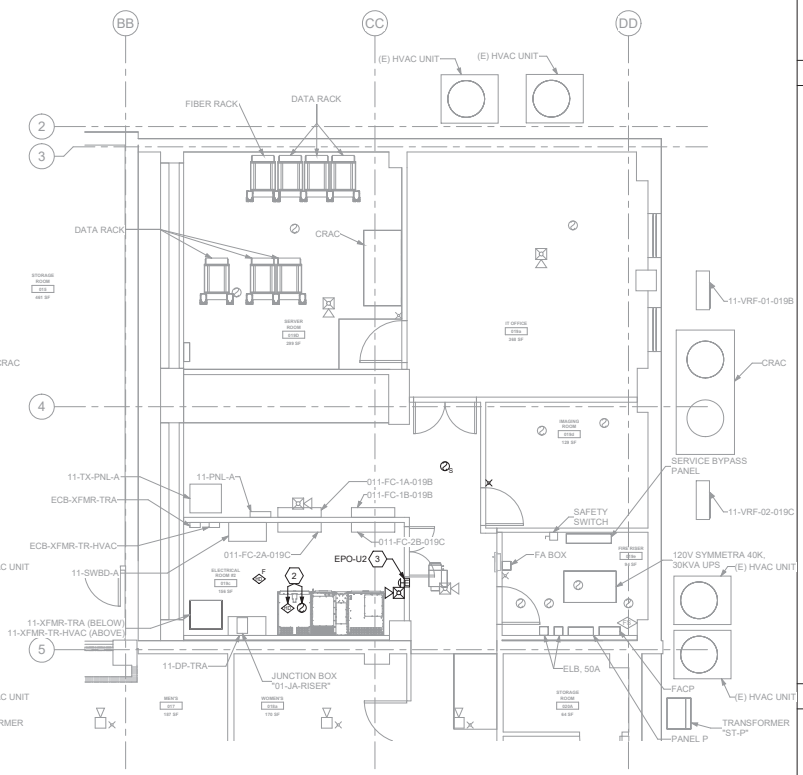
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - - A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - - B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - DEMO FIRE ALARM PLAN
11-EP100 1/4" = 1'-0"



2 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - FIRE ALARM PLAN
11-EP100 1/4" = 1'-0"

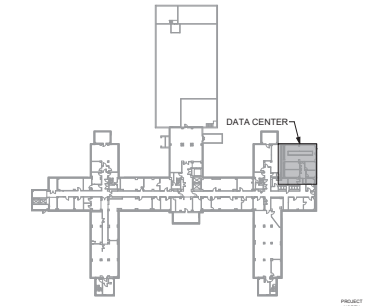
GENERAL NOTES

1. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
2. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
3. ALL FIRE SYSTEM PANELS AND ASSOCIATED FIELD DEVICES, INCLUDING EMERGENCY PUSHBUTTONS, SHALL BE CONNECTED WITH REQUIRED RACEWAYS AND CABLING / CONDUCTORS AS REQUIRED. REFERENCE SHEETS EF601 FOR ADDITIONAL INFORMATION.
4. PROVIDE NFPA 72 LEVEL 1 SURVIVABILITY MINIMUM FOR ALL FIRE ALARM AND EMERGENCY COMMUNICATION CIRCUITS.
5. FIRE ALARM DETAILS ARE PROVIDED FOR GENERAL FUNCTIONAL REQUIREMENTS ONLY; CONTRACTOR SHALL PROVIDE ALL REQUIRED EQUIPMENT, RACEWAYS, CABLING, CONNECTIONS, PROGRAMMING, AND COMMISSIONING. COORDINATE WITH MECHANICAL, FIRE ALARM SYSTEM VENDOR, AND CLEAN AGENT SYSTEM VENDOR AS REQUIRED. CONTRACTOR SHALL PROVIDE FIRE ALARM SHOP DRAWINGS REVIEWED AND STAMPED BY A LICENSED FIRE PROTECTION ENGINEER. REFERENCE SPECIFICATIONS 21 22 00, 28 31 00, AND DIVISION 26 FOR ALL REQUIREMENTS TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM PER NFPA 72 AND NFPA 75.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. UPS MANUFACTURER PROVIDED DEVICES INTEGRAL TO EQUIPMENT.
3. PROVIDE EPO; PUSH BUTTON SHALL BE MUSHROOM TYPE AND BE PROTECTED VIA CLEAR PLEXIGLASS. ONCE INITIATED, SWITCH SHALL DE-ENERGIZE AND DISABLE ALL INFORMATION TECHNOLOGY EQUIPMENT (ITE) INCLUDING, BUT NOT LIMITED TO, UPS POWER OUTPUT FOR "UPS-A". CONTRACTOR SHALL COORDINATE WITH UPS MANUFACTURER AND PROVIDE CONDUIT AND WIRE AS REQUIRED. REFERENCE DETAIL '1' ON SHEET EF601 FOR GENERAL WIRING DIAGRAM.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
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A/E:
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Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - FIRE ALARM PLANS
Approved:

Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: SHM/SGG
Drawn: RTS/ONI

Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11-EF400a

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LEGEND
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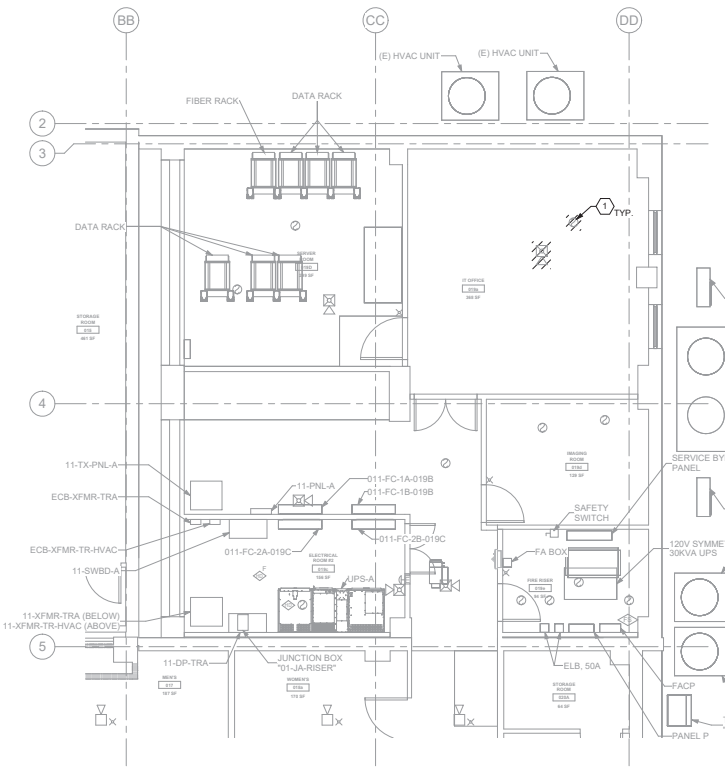
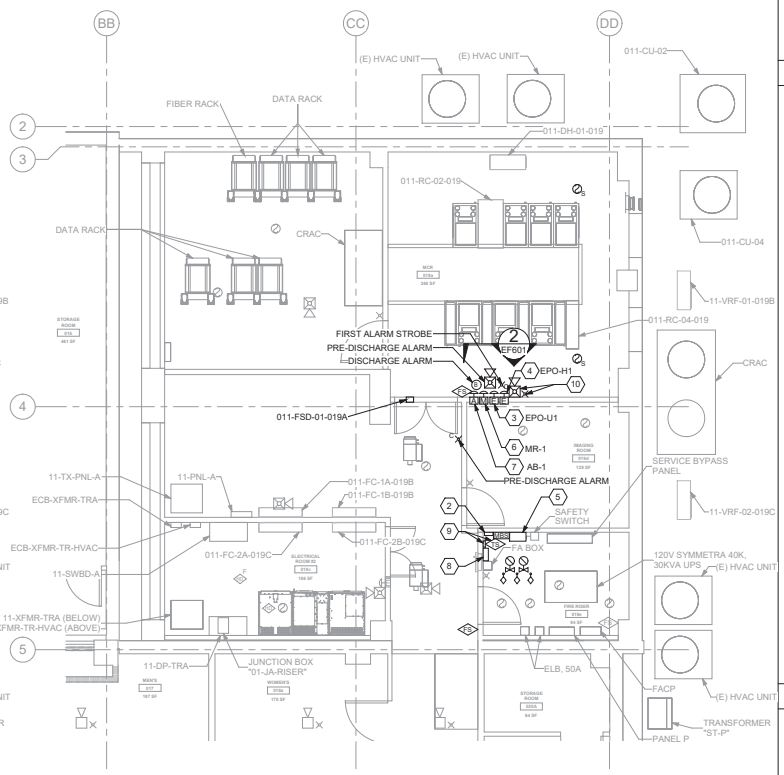
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - - A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - - B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - DEMO FIRE ALARM PLAN
11-EP100 1/4" = 1'-0"



2 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - FIRE ALARM PLAN
11-EP100 1/4" = 1'-0"

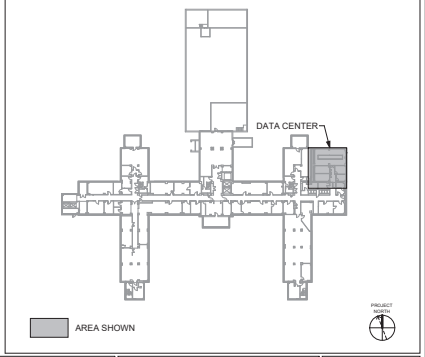
GENERAL NOTES

1. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
2. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
3. ALL FIRE SYSTEM PANELS AND ASSOCIATED FIELD DEVICES, INCLUDING EMERGENCY PUSHBUTTONS, SHALL BE CONNECTED WITH REQUIRED RACEWAYS AND CABLING / CONDUCTORS AS REQUIRED. REFERENCE SHEETS EF601 FOR ADDITIONAL INFORMATION.
4. PROVIDE NFPA 72 LEVEL 1 SURVIVABILITY MINIMUM FOR ALL FIRE ALARM AND EMERGENCY COMMUNICATION CIRCUITS.
5. FIRE ALARM DETAILS ARE PROVIDED FOR GENERAL FUNCTIONAL REQUIREMENTS ONLY; CONTRACTOR SHALL PROVIDE ALL REQUIRED EQUIPMENT, RACEWAYS, CABLING, CONNECTIONS, PROGRAMMING, AND COMMISSIONING. COORDINATE WITH MECHANICAL, FIRE ALARM SYSTEM VENDOR, AND CLEAN AGENT SYSTEM VENDOR AS REQUIRED. CONTRACTOR SHALL PROVIDE FIRE ALARM SHOP DRAWINGS REVIEWED AND STAMPED BY A LICENSED FIRE PROTECTION ENGINEER. REFERENCE SPECIFICATIONS 21 22 00, 28 31 00, AND DIVISION 26 FOR ALL REQUIREMENTS TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM PER NFPA 72 AND NFPA 75.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. MULTIPLE FIELD DEVICES; CONTRACTOR SHALL MOUNT / LAYOUT AS NECESSARY. FIELD DEVICES SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: PRESSURE ACTIVATED SWITCH, TANK PRESSURE SWITCH, MAINTENANCE BYPASS SWITCH, TAMPER SWITCH, AND AGENT RELEASE SOLENOID. PROVIDE RACEWAYS AND CONDUCTORS AS REQUIRED. REFERENCE SHEET EF601 AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. PROVIDE INFORMATION TECHNOLOGY EQUIPMENT (ITE) EPO; PUSH BUTTON SHALL BE MUSHROOM TYPE AND BE PROTECTED VIA CLEAR PLEXIGLASS. ONCE INITIATED, SWITCH SHALL DE-ENERGIZED AND DISABLE ALL ITE INCLUDING, BUT NOT LIMITED TO, UPS POWER INPUT AND OUTPUT FOR BOTH "DC-UPS-A" AND "DC-UPS-B". CONTRACTOR SHALL COORDINATE WITH UPS MANUFACTURER AND PROVIDE CONDUIT AND WIRE AS REQUIRED. REFERENCE SHEET EF601 AND 11-EP609 FOR ADDITIONAL INFORMATION.
4. PROVIDE HVAC SHUTDOWN SWITCH (EPO PUSH BUTTON). PUSH BUTTON SHALL BE MUSHROOM TYPE AND BE PROTECTED VIA CLEAR PLEXIGLASS. WHEN PRESSED, ALL HVAC SERVING DATA CENTER SHALL BE DE-ENERGIZED. REFERENCE DETAIL '1' ON SHEET E-508 AND 11-EP609 FOR ADDITIONAL INFORMATION.
5. CLEAN AGENT CONTROL PANEL. PROVIDE PANEL AND ALL REQUIRED FIELD DEVICES. REFERENCE SHEET EF601 AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. PROVIDE CLEAN AGENT MANUAL RELEASE BUTTON (EMERGENCY PUSH BUTTON). PUSH BUTTON SHALL BE MUSHROOM TYPE AND BE PROTECTED VIA CLEAR PLEXIGLASS. WHEN PRESSED, CLEAN AGENT PANEL SHALL BE NOTIFIED FOR MANUAL RELEASE. REFERENCE SHEET EF601 FOR ADDITIONAL INFORMATION.
7. PROVIDE CLEAN AGENT ABORT BUTTON (EMERGENCY PUSH BUTTON). PUSH BUTTON SHALL BE MUSHROOM TYPE AND BE PROTECTED VIA CLEAR PLEXIGLASS. REFERENCE SHEET EF601 FOR ADDITIONAL INFORMATION AND SPECIFICATION 21 22 00 FOR FUNCTIONAL REQUIREMENTS.
8. PROVIDE ADDRESSABLE CONTROL DEVICES. CONTRACTOR SHALL MOUNT / LAYOUT AS NECESSARY. DEVICES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: CONTROL RELAYS, MONITORING MODULES, ETC. PROVIDE RACEWAYS AND CONDUCTORS AS REQUIRED. REFERENCE SHEET EF601 AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
9. VALVE ACTUATOR AND TAMPER SWITCH. PROVIDE CONNECTIONS AS REQUIRED. REFERENCE SHEET EF601 AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
10. VOICE STROBE AND STROBE CONNECTED TO FACP. REFERENCE DETAIL '1' ON SHEET EF601 FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - FIRE ALARM PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Building Number: 11
		Issue Date: 11/21/2025; Checked: SHM/SGG; Drawn: RTS/ONI	Drawing Number: 11-EF400b

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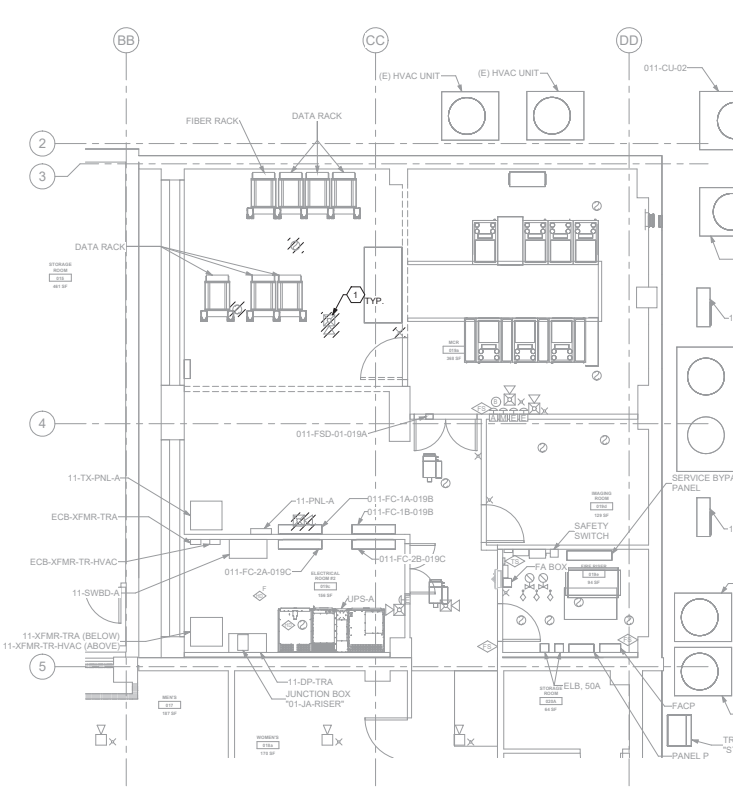
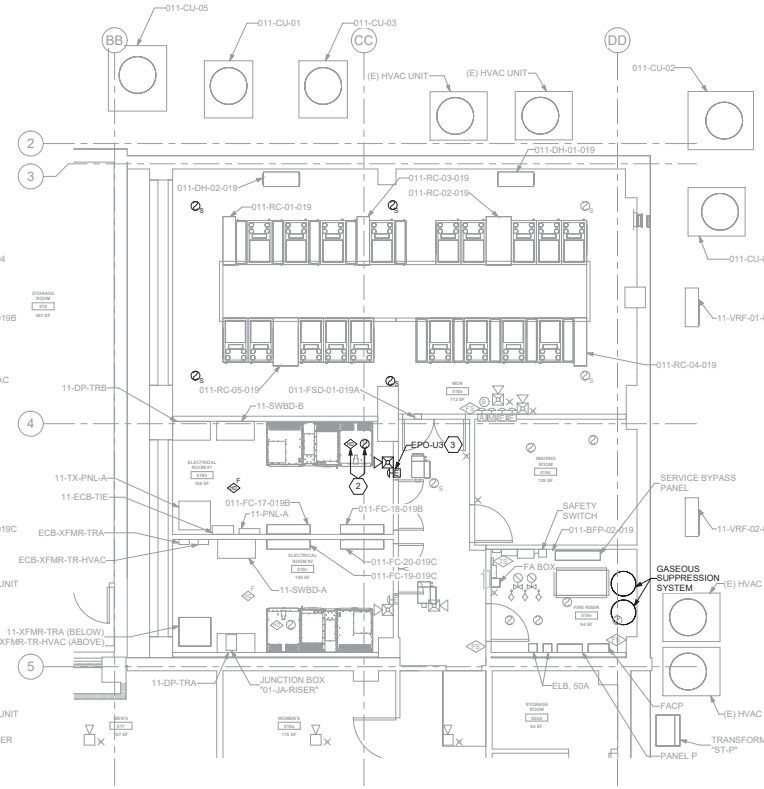
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - - A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - - B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - DEMOLITION FIRE ALARM PLAN
11-EP100 1/4" = 1'-0"



2 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - FIRE ALARM PLAN
11-EP100 1/4" = 1'-0"

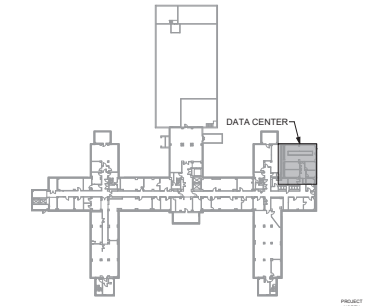
GENERAL NOTES

1. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
2. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
3. ALL FIRE SYSTEM PANELS AND ASSOCIATED FIELD DEVICES, INCLUDING EMERGENCY PUSHBUTTONS, SHALL BE CONNECTED WITH REQUIRED RACEWAYS AND CABLING / CONDUCTORS AS REQUIRED. REFERENCE SHEETS EF601 FOR ADDITIONAL INFORMATION.
4. PROVIDE NFPA 72 LEVEL 1 SURVIVABILITY MINIMUM FOR ALL FIRE ALARM AND EMERGENCY COMMUNICATION CIRCUITS.
5. FIRE ALARM DETAILS ARE PROVIDED FOR GENERAL FUNCTIONAL REQUIREMENTS ONLY; CONTRACTOR SHALL PROVIDE ALL REQUIRED EQUIPMENT, RACEWAYS, CABLING, CONNECTIONS, PROGRAMMING, AND COMMISSIONING. COORDINATE WITH MECHANICAL, FIRE ALARM SYSTEM VENDOR, AND CLEAN AGENT SYSTEM VENDOR AS REQUIRED. CONTRACTOR SHALL PROVIDE FIRE ALARM SHOP DRAWINGS REVIEWED AND STAMPED BY A LICENSED FIRE PROTECTION ENGINEER. REFERENCE SPECIFICATIONS 21 22 00, 28 31 00, AND DIVISION 26 FOR ALL REQUIREMENTS TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM PER NFPA 72 AND NFPA 75.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. UPS MANUFACTURER PROVIDED DEVICES INTEGRAL TO EQUIPMENT.
3. PROVIDE EPO; PUSH BUTTON SHALL BE MUSHROOM TYPE AND BE PROTECTED VIA CLEAR PLEXIGLASS. ONCE INITIATED, SWITCH SHALL DE-ENERGIZE AND DISABLE ALL INFORMATION TECHNOLOGY EQUIPMENT (ITE) INCLUDING, BUT NOT LIMITED TO, UPS POWER OUTPUT FOR "UPS-B". CONTRACTOR SHALL COORDINATE WITH UPS MANUFACTURER AND PROVIDE CONDUIT AND WIRE AS REQUIRED. REFERENCE DETAIL '1' ON SHEET EF601 FOR GENERAL WIRING DIAGRAM.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - FIRE ALARM PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: SHM/SGG | Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 11

Drawing Number: 11-EF400c

VA FORM 08 - 6231

1 13/01/2026 10:56:58 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

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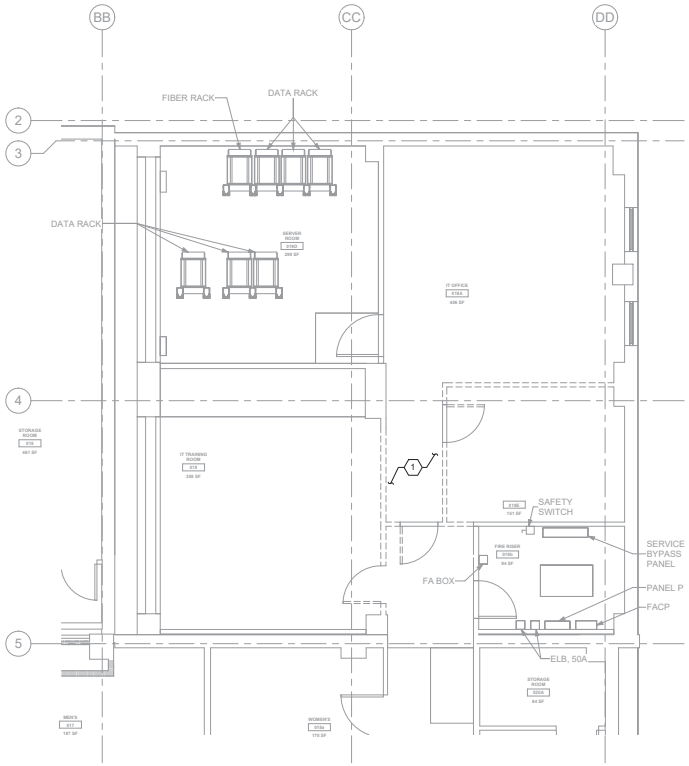
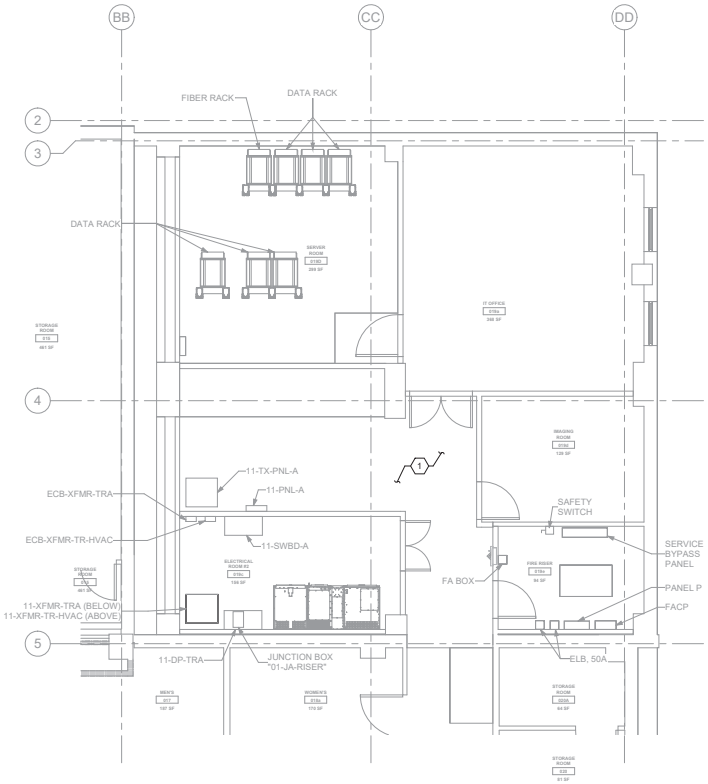
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - DEMO GROUNDING PLAN
11-EP100 1/4" = 1'-0"



2 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - GROUNDING PLAN
11-EP100 1/4" = 1'-0"

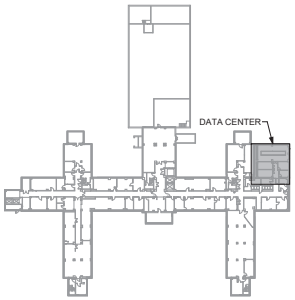
GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY GROUNDING AND BONDING AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
4. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
5. FIELD VERIFY ALL RACEWAY DEMOLITION AND INSTALLATIONS PRIOR TO PERFORMING WORK.
6. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
7. NOT ALL GROUNDING AND BONDING MAY BE SHOWN FOR DRAWING CLARITY PURPOSES. ALL BONDING AND GROUNDING SHALL ADHERE TO NEC. REFERENCE GROUNDING AND BONDING DETAILS FOR ADDITIONAL INFORMATION.
8. FOR ALL TELECOMMUNICATIONS BONDING CONNECTIONS, REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601.

KEY NOTES

1. SHEET INCLUDED FOR REFERENCE ONLY.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - GROUNDING PLANS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: SHM/SGG
Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11-EG400a

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13/01/2026 10:57:01 am
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

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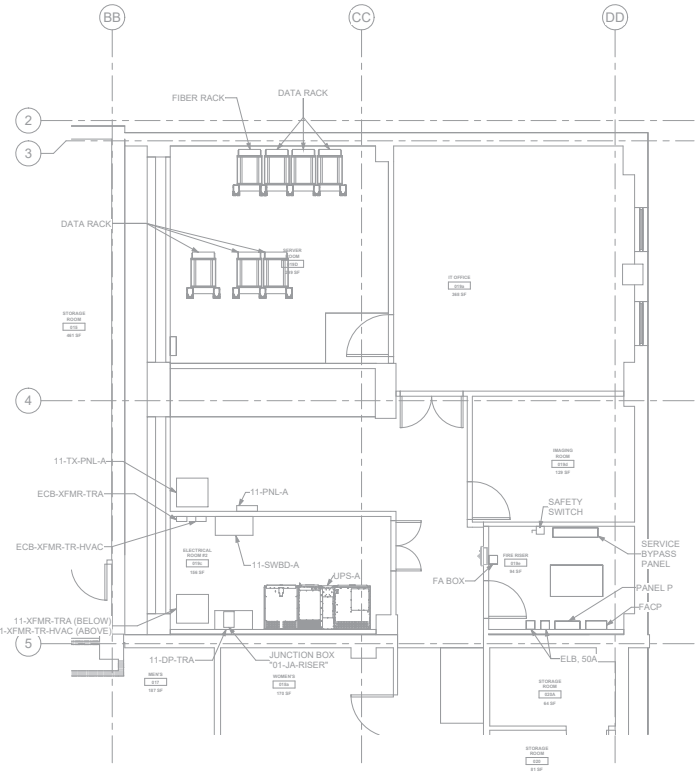
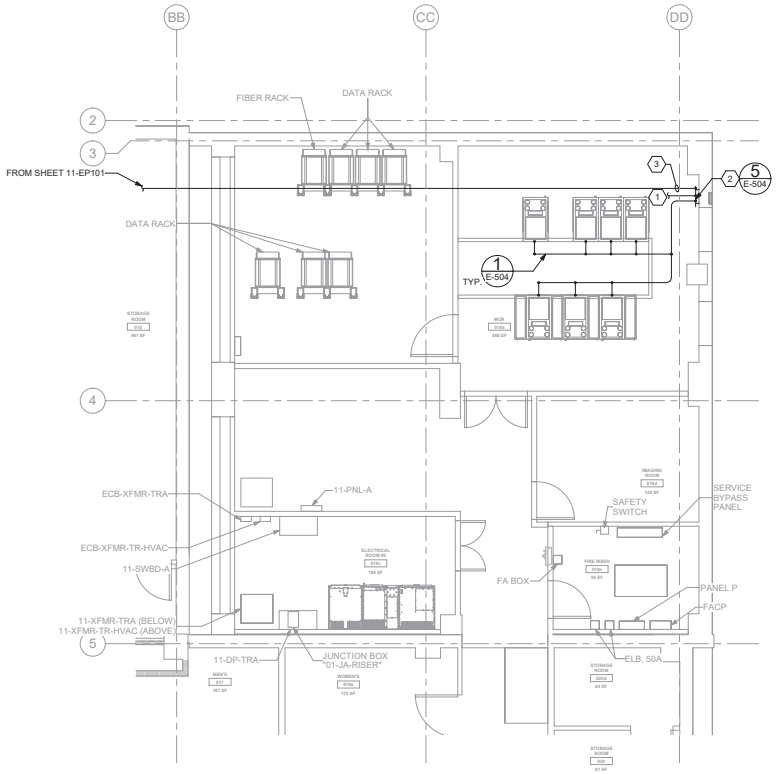


1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - DEMO GROUNDING PLAN
11-EP100 1/4" = 1'-0"



2 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - GROUNDING PLAN
11-EP100 1/4" = 1'-0"

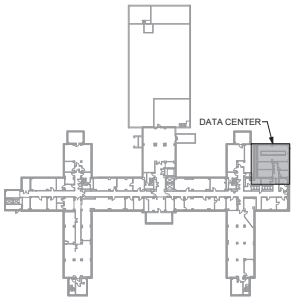
GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY GROUNDING AND BONDING AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
4. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
5. FIELD VERIFY ALL RACEWAY DEMOLITION AND INSTALLATIONS PRIOR TO PERFORMING WORK.
6. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
7. NOT ALL GROUNDING AND BONDING MAY BE SHOWN FOR DRAWING CLARITY PURPOSES. ALL BONDING AND GROUNDING SHALL ADHERE TO NEC. REFERENCE GROUNDING AND BONDING DETAILS FOR ADDITIONAL INFORMATION.
8. FOR ALL TELECOMMUNICATIONS BONDING CONNECTIONS, REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601.

KEY NOTES

1. PROVIDE BOND TO ELECTRO-STATIC DISCHARGE FLOORING. BONDING CONDUCTOR SHALL BE 12 AWG MIN; PROVIDE AND INSTALL PER MANUFACTURER'S INSTRUCTIONS.
2. PROVIDE SECONDARY BONDING BUSBAR. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
3. PROVIDE SBC AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - GROUNDING PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED	
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11-EG400b

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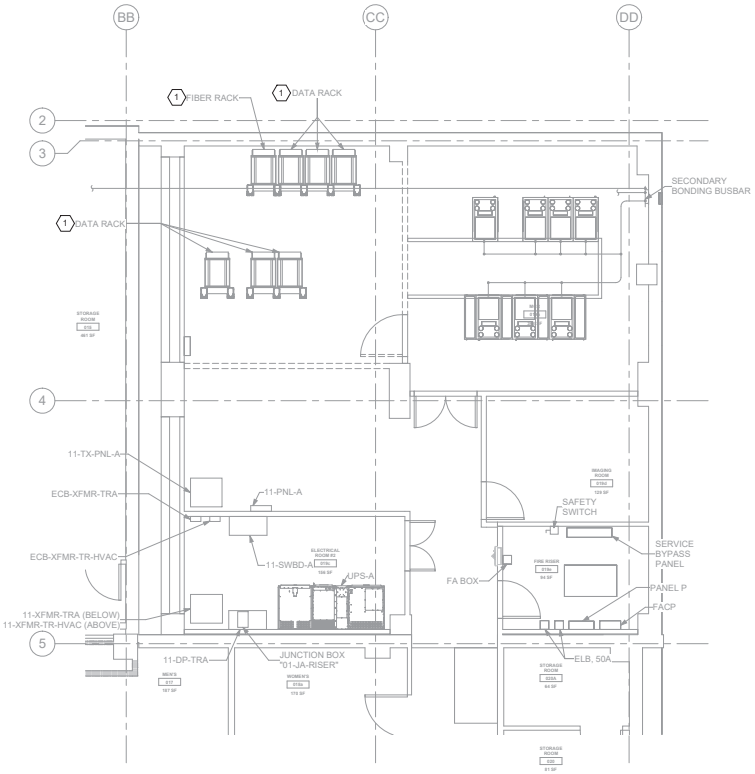
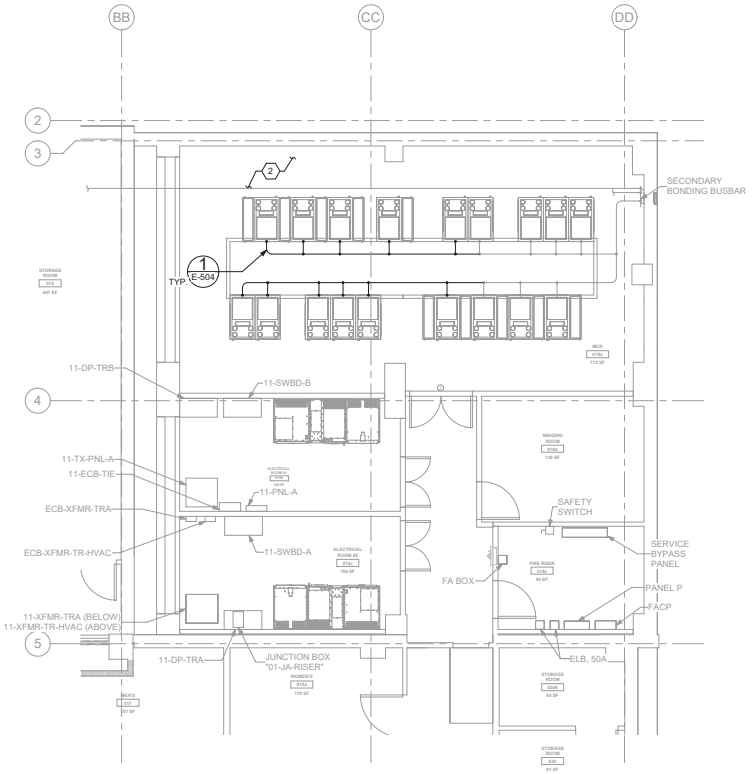


1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - DEMO GROUNDING PLAN
11-EP100 1/4" = 1'-0"



2 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - GROUNDING PLAN
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GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.
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3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK, UNLESS OTHERWISE NOTED.
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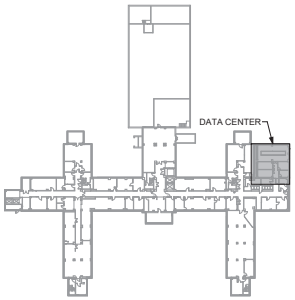
6. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
7. NOT ALL GROUNDING AND BONDING MAY BE SHOWN FOR DRAWING CLARITY PURPOSES. ALL BONDING AND GROUNDING SHALL ADHERE TO NEC. REFERENCE GROUNDING AND BONDING DETAILS FOR ADDITIONAL INFORMATION.
8. FOR ALL TELECOMMUNICATIONS BONDING CONNECTIONS, REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601.

KEY NOTES

1. EXISTING RACKS TO BE REMOVED; REFERENCE TELECOMMUNICATIONS DRAWINGS FOR ADDITIONAL INFORMATION. DEMOLISH EXISTING BONDING CONDUCTORS AND ASSOCIATED BUSBARS; COORDINATE WITH RACK REMOVAL.
2. PROVIDE BOND FOR ELECTRO-STATIC DISCHARGE FLOORING SECONDARY BONDING BUSBAR. BONDING CONDUCTOR SHALL BE 12 AWG MIN; PROVIDE AND INSTALL PER MANUFACTURER'S INSTRUCTIONS.

KEY PLAN



Revisions:	Date:

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DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - GROUNDING PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Building Number: 11
		Issue Date: 11/21/2025; Checked: SHM/SGG; Drawn: RTS/ONI	Drawing Number: 11-EG400c

184 of 339

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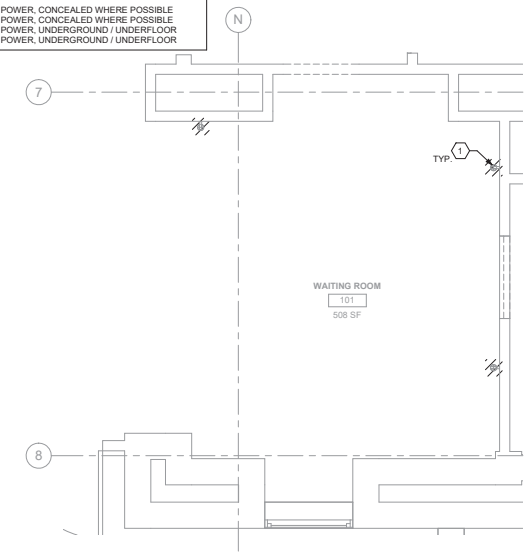
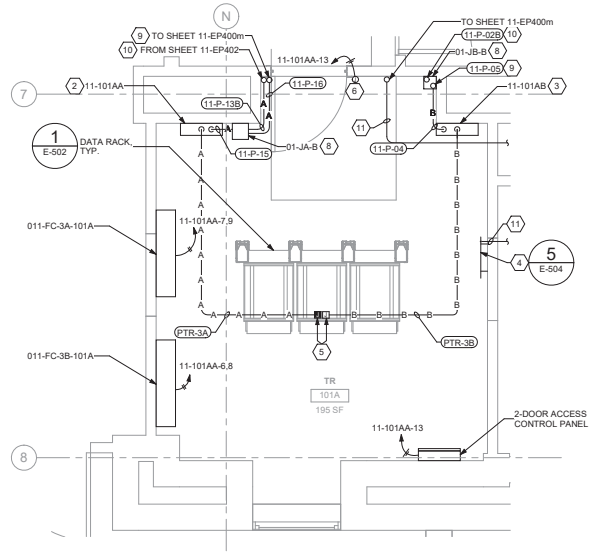
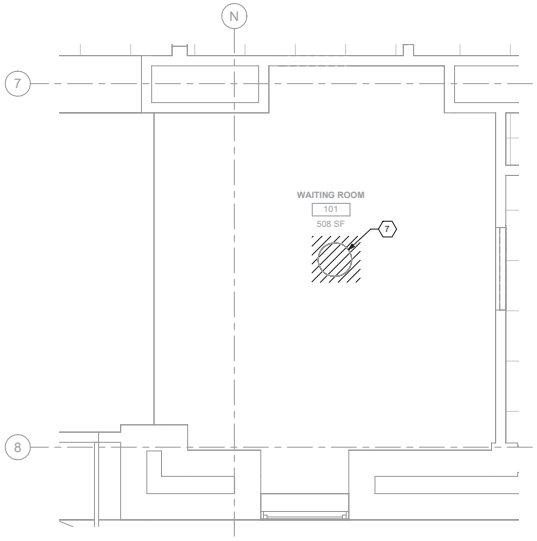


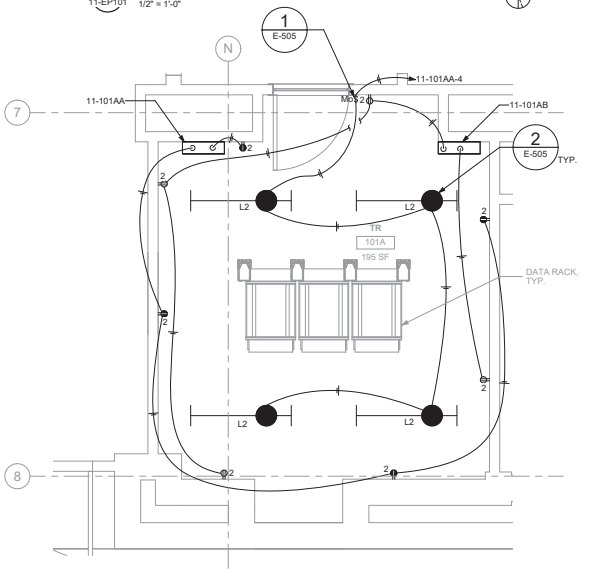
1 11-EP101 RM 101A - DEMOLITION ELECTRICAL PLAN 1/2" = 1'-0"



2 11-EP101 RM 101A - ELECTRICAL PLAN 1/2" = 1'-0"



3 11-EP101 RM 101A - DEMOLITION LIGHTING PLAN 1/2" = 1'-0"



4 11-EP101 RM 101A - LIGHTING AND RECEPTACLE PLAN 1/2" = 1'-0"

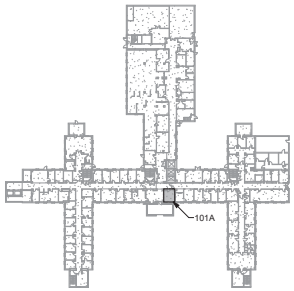
GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE: IE:"P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED RACEWAYS AND CONDUCTORS SHALL BE DEMOLISHED BACK TO SOURCE. EXTEND EXISTING RACEWAYS AND CONDUCTORS TO MAINTAIN CIRCUITRY TO REMAIN.
2. SOURCE A POWER PANELBOARD "11-101AA".
3. SOURCE B POWER PANELBOARD "11-101AB".
4. PROVIDE SECONDARY BONDING BUSBAR. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON TECHNOLOGY SHEET T600 FOR ADDITIONAL INFORMATION.
5. OVERHEAD TR RACK SOURCE A AND SOURCE B POWER JUNCTION BOX.
6. FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATE SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 08 71 00 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.
7. EXISTING PENDANT LIGHT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
8. PROVIDE RISER TAP JUNCTION BOX TO HOUSE CONDUCTOR TERMINATIONS. COORDINATE FINAL LOCATION WITH EXISTING CONDITIONS AND EQUIPMENT AS REQUIRED. REFERENCE DETAIL '2' ON SHEET E-501 FOR ADDITIONAL INFORMATION.
9. TR PANELBOARD SOURCE RISER. EXTEND VERTICALLY FROM RISER TAP JUNCTION BOX INDICATED TO FLOOR BELOW. REFERENCE SHEET 11-EP400m FOR ADDITIONAL INFORMATION.
10. TR PANELBOARD SOURCE RISER. EXTEND VERTICALLY FROM LEVEL ABOVE TO RISER TAP JUNCTION BOX INDICATED. REFERENCE SHEET 11-EP402 FOR ADDITIONAL INFORMATION.
11. PROVIDE SBC AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 11 - LEVEL 01 - ENLARGED ELECTRICAL PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 11-EP401a
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	185 of 339

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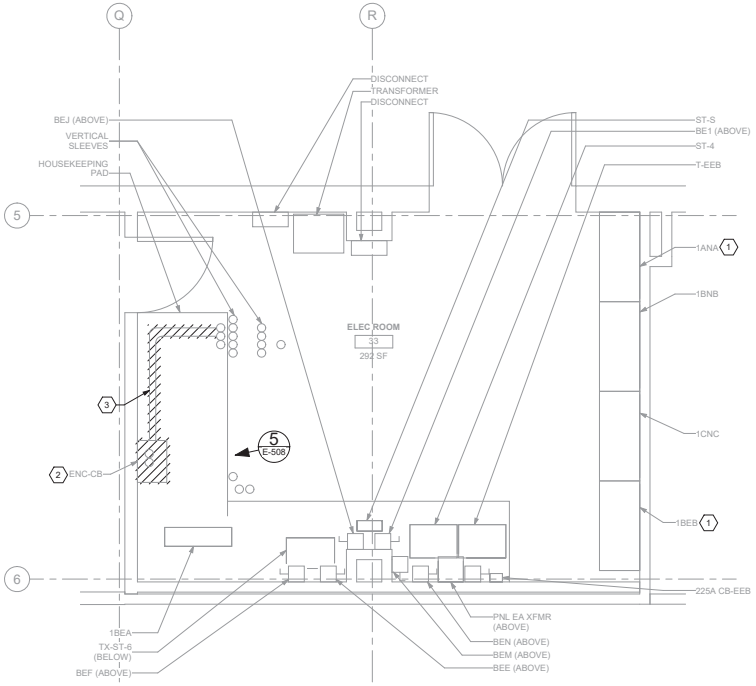
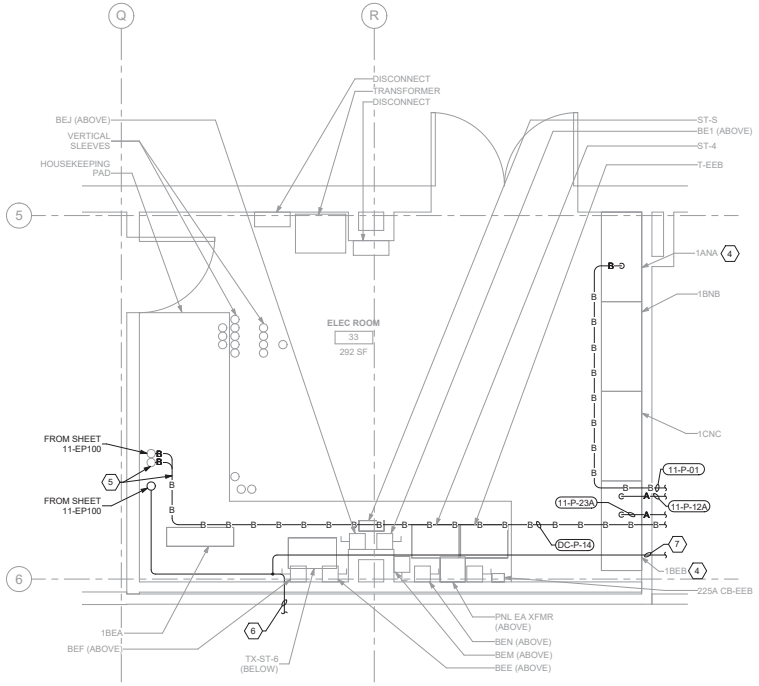
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - -A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - -B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 11-EP101 RM 33 - ELECTRICAL PLAN - EXISTING 1/2" = 1'-0"



2 11-EP101 RM 33 - ELECTRICAL PLAN - REVISED 1/2" = 1'-0"

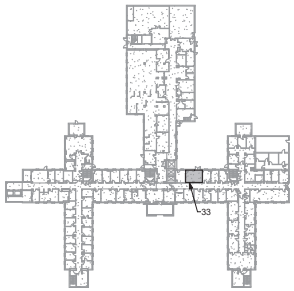
GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE:"P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE MODIFIED.
2. DEMOLISH ABANDONED ENCLOSED BREAKER "ENC-CB". PRESERVE AND PROTECT CONDUITS VERTICALLY PENETRATING FLOOR BELOW.
3. DEMOLISH CONDUCTOR AND ABOVEGROUND RACEWAY BACK TO SOURCE IN BUILDING 90. UNDERGROUND RACEWAY SHALL BE CUT, CAPPED, ABANDONED, AND LABELED "SPARE" ON BOTH ENDS.
4. UTILIZE EXISTING SPACE(S) TO PROVIDE CIRCUIT BREAKERS TO SERVE ADDED LOAD.
5. UTILIZE (2) EXISTING 3" CONDUITS TO EXTEND FEEDER AS INDICATED.
6. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
7. PROVIDE SBC AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

KEY PLAN



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Revisions:	Date:

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SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 01 - ENLARGED ELECTRICAL PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11-EP401b

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Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR

KEY NOTES

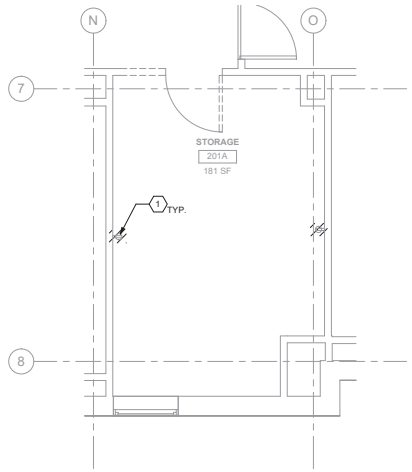
12. PROVIDE SBC AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

GENERAL NOTES

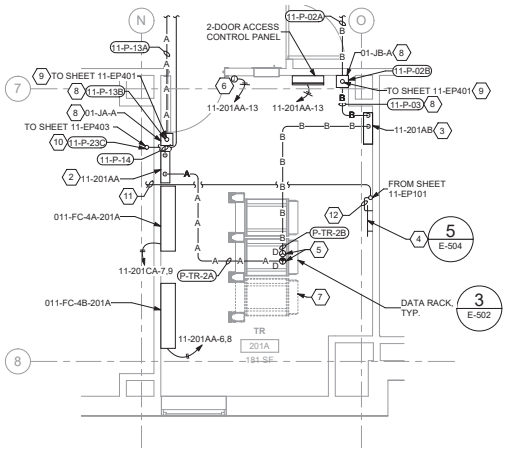
1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE:"P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

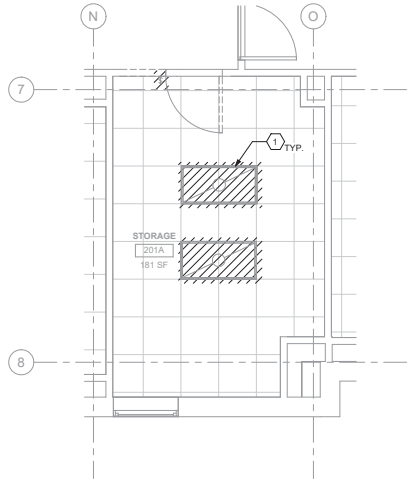
1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. SOURCE A POWER PANELBOARD "11-201AA".
3. SOURCE B POWER PANELBOARD "11-201AB".
4. PROVIDE SECONDARY BONDING BUSBAR. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON TECHNOLOGY SHEET T600 FOR ADDITIONAL INFORMATION.
5. OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
6. FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATE SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 08 71 00 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.
7. TELECOM RACK IS NIC PER DESIGN ALERT 16. SPARE CIRCUIT BREAKER HAS BEEN PROVIDED FOR FUTURE EQUIPMENT.
8. PROVIDE RISER TAP JUNCTION BOX TO HOUSE CONDUCTOR TERMINATIONS. COORDINATE FINAL LOCATION WITH EXISTING CONDITIONS AND EQUIPMENT AS REQUIRED. REFERENCE DETAIL 'Z' ON SHEET E-501 FOR ADDITIONAL INFORMATION.
9. TR PANELBOARD SOURCE RISER. EXTEND VERTICALLY FROM RISER TAP JUNCTION BOX INDICATED TO FLOOR BELOW. REFERENCE SHEET 11-EP401 FOR ADDITIONAL INFORMATION.
10. CONDUIT ROUTED VERTICALLY TO FLOOR ABOVE. REFERENCE SHEET 11-EP402 FOR ADDITIONAL INFORMATION.
11. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.



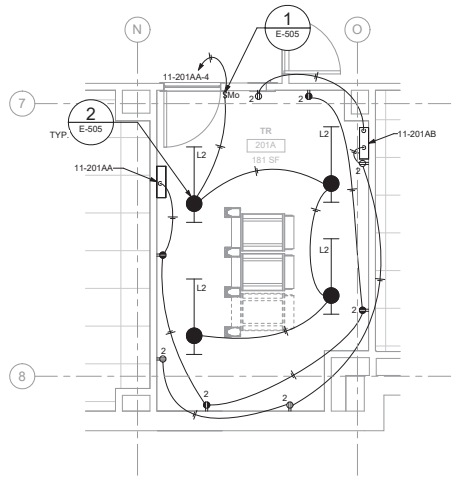
1 11-EP102 RM 201A - ELECTRICAL DEMOLITION PLAN
3/8" = 1'-0"



2 11-EP102 RM 201A - ELECTRICAL PLAN
3/8" = 1'-0"

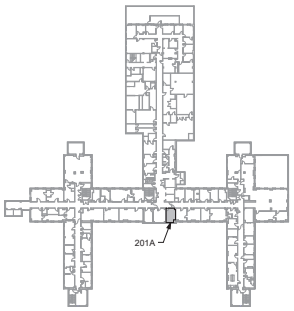


3 11-EP102 RM 201A - DEMOLITION LIGHTING PLAN
3/8" = 1'-0"



4 11-EP102 RM 201A - LIGHTING AND RECEPTACLE PLAN
3/8" = 1'-0"

KEY PLAN



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Revisions:	Date:

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A/E:
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KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 11 - LEVEL 02 - ENLARGED ELECTRICAL PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 11-EP402
		Issue Date: 11/21/2025; Checked: SHM/SGG; Drawn: RTS/ONI	187 of 339

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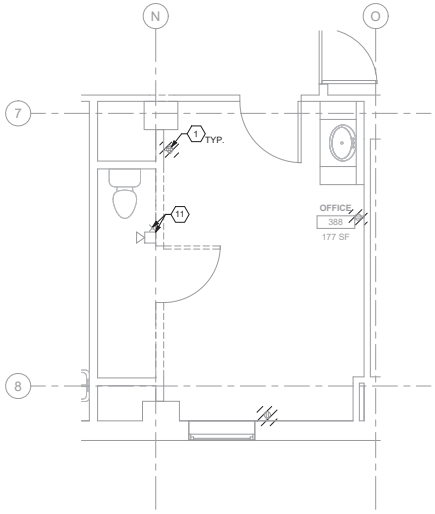
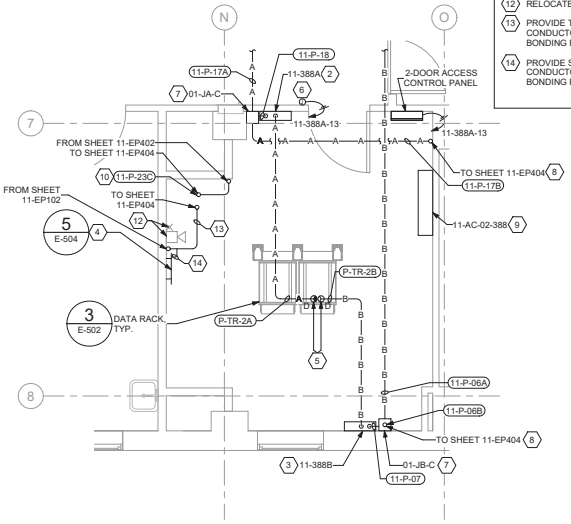
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

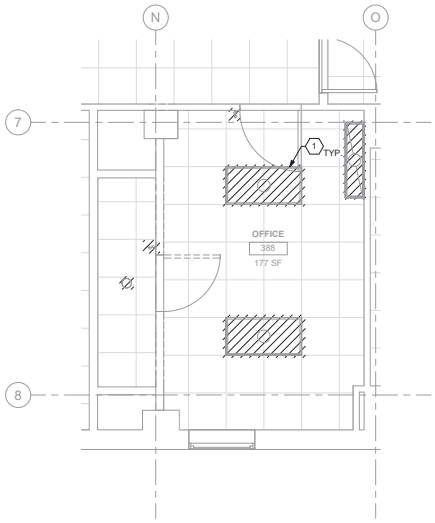
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



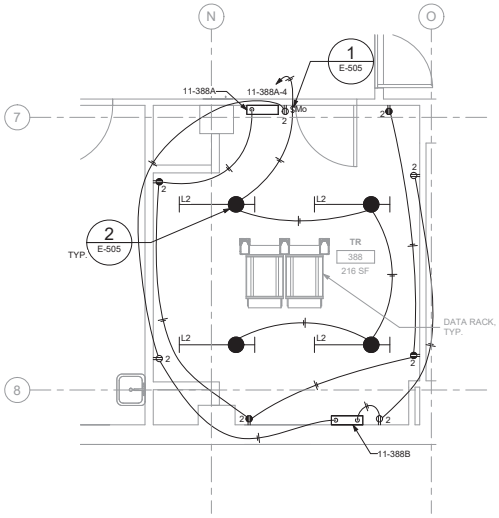
1 / 11-EP103 RM 388 - DEMOLITION ELECTRICAL PLAN
3/8" = 1'-0"



2 / 11-EP103 RM 388 - ELECTRICAL PLAN
3/8" = 1'-0"



3 / 11-EP103 RM 388 - DEMOLITION LIGHTING PLAN
3/8" = 1'-0"



4 / 11-EP103 RM 388 - LIGHTING AND RECEPTACLE PLAN
3/8" = 1'-0"

KEY NOTES

10. CONDUIT ROUTED VERTICALLY FROM FLOOR BELOW TO FLOOR ABOVE. REFERENCE SHEETS 11-EP402 AND 11-EP404 RESPECTIVELY.
11. EXISTING EQUIPMENT SHALL BE RELOCATED AS SHOWN IN DETAIL '2' ON THIS SHEET. PRESERVE CIRCUITING FOR RE-USE.
12. RELOCATED EQUIPMENT. EXTEND RACEWAY AND CIRCUIT(S) / CABLING AS REQUIRED.
13. PROVIDE TBB AS INDICATED, WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
14. PROVIDE SBC AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

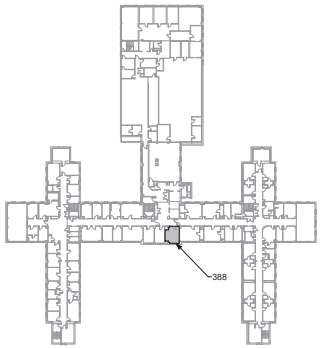
GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE."P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. SOURCE A POWER PANELBOARD "11-388A".
3. SOURCE B POWER PANELBOARD "11-388B".
4. PROVIDE SECONDARY BONDING BUSBAR. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON TECHNOLOGY SHEET T600 FOR ADDITIONAL INFORMATION.
5. OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
6. FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATE SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 08 71 00 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.
7. PROVIDE RISER TAP JUNCTION BOX TO HOUSE CONDUCTOR TERMINATIONS. COORDINATE FINAL LOCATION WITH EXISTING CONDITIONS AND EQUIPMENT AS REQUIRED. REFERENCE DETAIL '2' ON SHEET E-501 FOR ADDITIONAL INFORMATION.
8. TR PANELBOARD SOURCE RISER. EXTEND VERTICALLY FROM RISER TAP JUNCTION BOX INDICATED TO FLOOR ABOVE. REFERENCE SHEET 11-EP404 FOR ADDITIONAL INFORMATION.
9. INTERIOR MECHANICAL UNIT POWERED FROM ASSOCIATED EXTERIOR UNIT. PROVIDE CONDUIT AND WIRE PER MANUFACTURER'S REQUIREMENTS. REFERENCE MECHANICAL DRAWINGS AND COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
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1-22-26

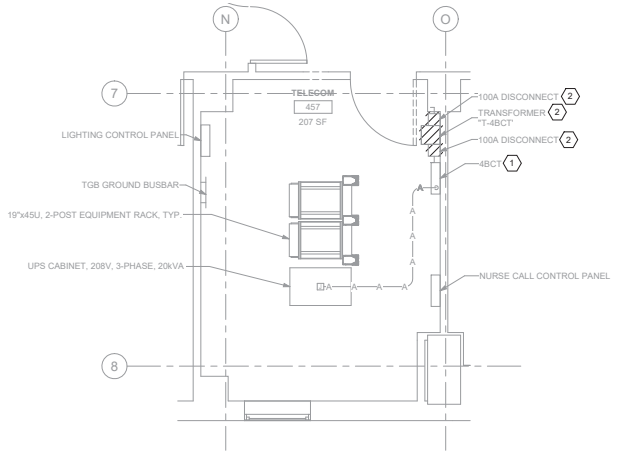
Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

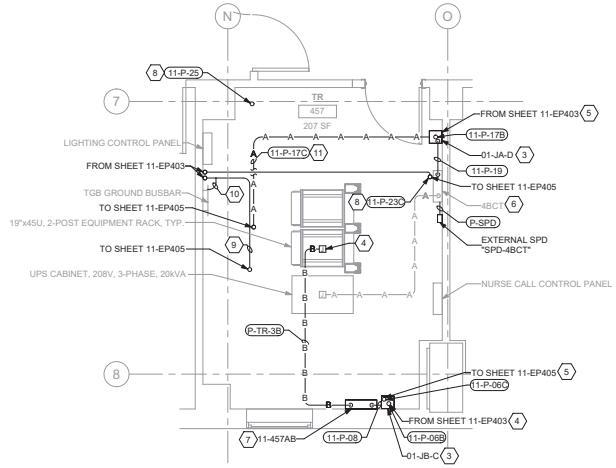
Drawing Title	BLDG 11 - LEVEL 03 - ENLARGED ELECTRICAL PLANS
Phase	100% CONSTRUCTION DOCUMENTS
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	11
Approved:	
	FULLY SPRINKLERED
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Drawing Number	11-EP403

VA FORM 08 - 6231 1 13/01/2026 10:56:32 am
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

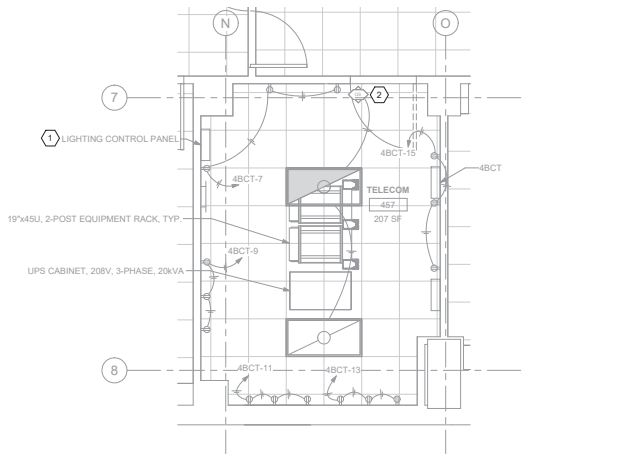
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



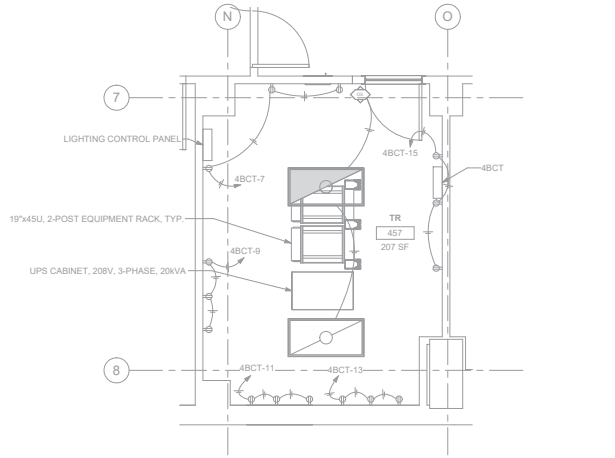
1 RM 457 - DEMOLITION ELECTRICAL PLAN
3/8" = 1'-0"



2 RM 457 - ELECTRICAL PLAN
3/8" = 1'-0"



3 RM 457 - DEMOLITION LIGHTING PLAN
3/8" = 1'-0"



4 RM 457 - LIGHTING AND RECEPTACLE PLAN
3/8" = 1'-0"

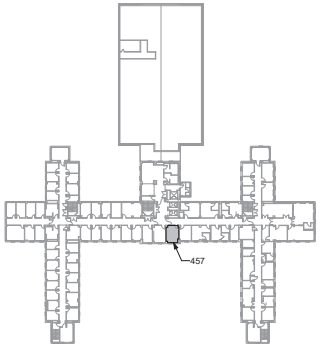
GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER AND ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE."P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. EQUIPMENT SHALL BE MODIFIED.
2. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
3. PROVIDE RISER TAP JUNCTION BOX TO HOUSE CONDUCTOR TERMINATIONS. COORDINATE FINAL LOCATION WITH EXISTING CONDITIONS AND EQUIPMENT AS REQUIRED. REFERENCE DETAIL "2" ON SHEET E-501 FOR ADDITIONAL INFORMATION.
4. OVERHEAD TR RACK SOURCE B POWER JUNCTION BOX.
5. TR PANELBOARD SOURCE RISER. EXTEND VERTICALLY FROM LEVEL ABOVE TO RISER TAP JUNCTION BOX INDICATED. REFERENCE SHEET 11-EP405 FOR ADDITIONAL INFORMATION.
6. EXISTING SOURCE A POWER PANELBOARD "4-BCT". TERMINATE FEEDER TO EQUIPMENT AS INDICATED.
7. SOURCE B POWER PANELBOARD "11-457AB".
8. CONDUIT ROUTED VERTICALLY FROM FLOOR BELOW TO FLOOR ABOVE. REFERENCE SHEETS 11-EP403 AND 11-EP405 RESPECTIVELY.
9. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
10. PROVIDE SBC AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 04 - ENLARGED ELECTRICAL PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11-EP404

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Autodesk Docs://671A4-21-700 VATX Kerrville
EHRM/VATX_11_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR

KEY NOTES

12. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
13. PROVIDE SBC AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
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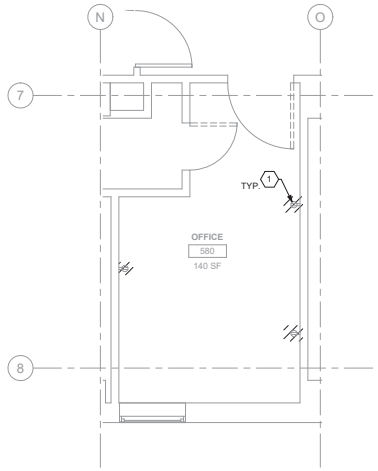
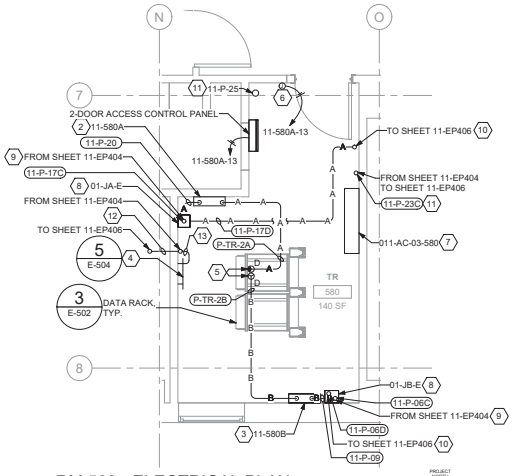
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE "P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

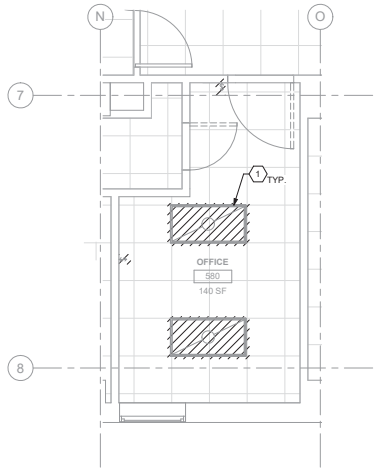
1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. SOURCE A POWER PANELBOARD "11-580A".
3. SOURCE B POWER PANELBOARD "11-580B".
4. PROVIDE SECONDARY BONDING BUSBAR. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON TECHNOLOGY SHEET T600 FOR ADDITIONAL INFORMATION.
5. OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
6. FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATE SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 08 71 00 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.
7. INTERIOR MECHANICAL UNIT POWERED FROM ASSOCIATED EXTERIOR UNIT. PROVIDE CONDUIT AND WIRE PER MANUFACTURER'S REQUIREMENTS. REFERENCE MECHANICAL DRAWINGS AND COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
8. PROVIDE RISER TAP JUNCTION BOX TO HOUSE CONDUCTOR TERMINATIONS. COORDINATE FINAL LOCATION WITH EXISTING CONDITIONS AND EQUIPMENT AS REQUIRED. REFERENCE DETAIL '2' ON SHEET E-501 FOR ADDITIONAL INFORMATION.
9. TR PANELBOARD SOURCE RISER. EXTEND VERTICALLY FROM RISER TAP JUNCTION BOX INDICATED TO FLOOR BELOW. REFERENCE SHEET 11-EP404 FOR ADDITIONAL INFORMATION.
10. TR PANELBOARD SOURCE RISER. EXTEND VERTICALLY FROM LEVEL ABOVE TO RISER TAP JUNCTION BOX INDICATED. REFERENCE SHEET 11-EP406 FOR ADDITIONAL INFORMATION.
11. CONDUIT ROUTED VERTICALLY FROM FLOOR BELOW TO FLOOR ABOVE. REFERENCE SHEETS 11-EP404 AND 11-EP406 RESPECTIVELY.



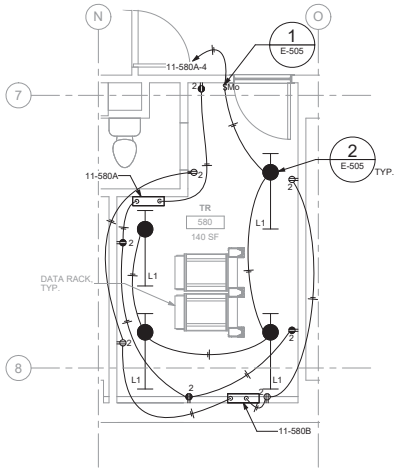
1 - RM 580 - DEMOLITION ELECTRICAL PLAN
3/8" = 1'-0"



2 - RM 580 - ELECTRICAL PLAN
3/8" = 1'-0"

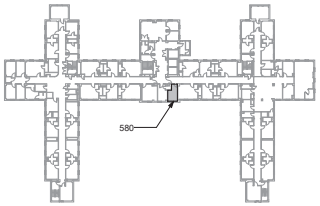


3 - RM 580 - DEMOLITION LIGHTING PLAN
3/8" = 1'-0"



4 - RM 580 - LIGHTING AND RECEPTACLE PLAN
3/8" = 1'-0"

KEY PLAN



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Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BLDG 11 - LEVEL 05 - ENLARGED ELECTRICAL PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 11-EP405
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	190 of 339

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LEGEND
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-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
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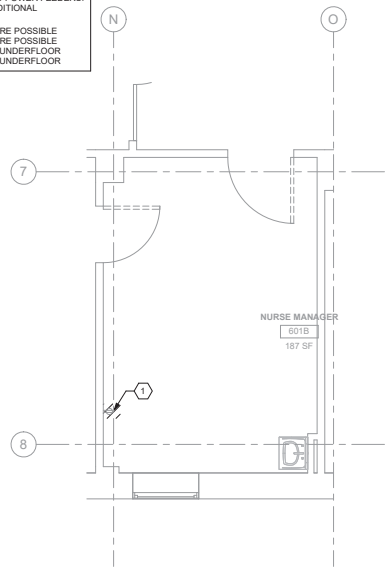
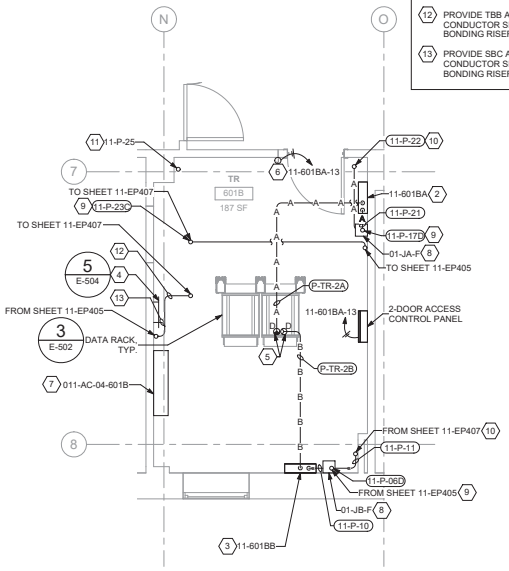
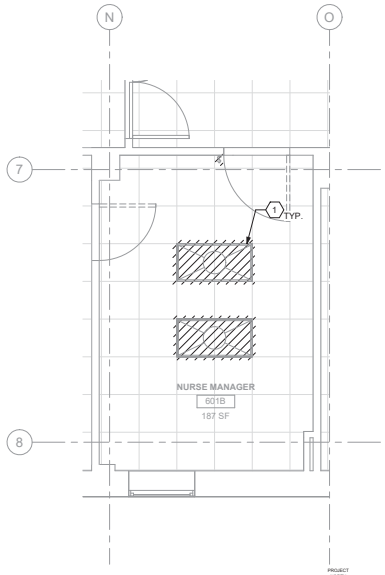


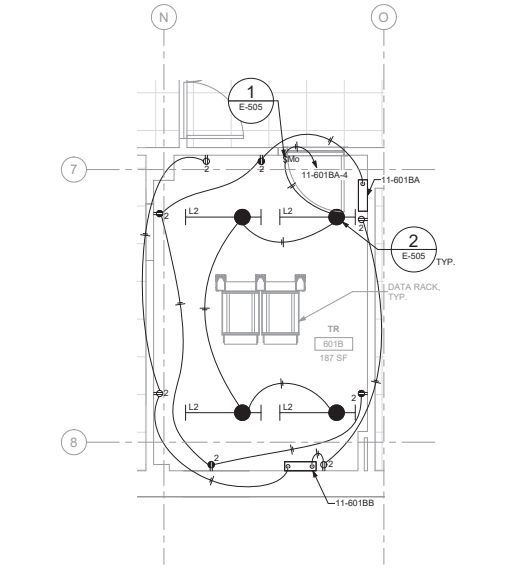
1 - RM 601B - DEMOLITION ELECTRICAL PLAN
3/8" = 1'-0"



2 - RM 601B - ELECTRICAL PLAN
3/8" = 1'-0"



3 - RM 601B - DEMOLITION LIGHTING PLAN
3/8" = 1'-0"



4 - RM 601B - LIGHTING AND RECEPTACLE PLAN
3/8" = 1'-0"

KEY NOTES

12. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
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GENERAL NOTES

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KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. SOURCE A POWER PANELBOARD "11-601BA".
3. SOURCE A POWER PANELBOARD "11-601BB".
4. PROVIDE SECONDARY BONDING BUSBAR. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON TECHNOLOGY SHEET T600 FOR ADDITIONAL INFORMATION.
5. OVERHEAD TR TRACK SOURCE A AND SOURCE B POWER RECEPTACLE.
6. FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATE SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 08 71 00 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.
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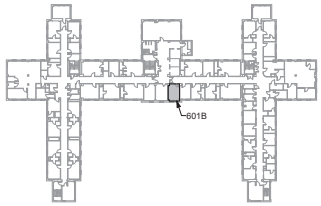
KEY PLAN



AREA SHOWN

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Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11-EP406

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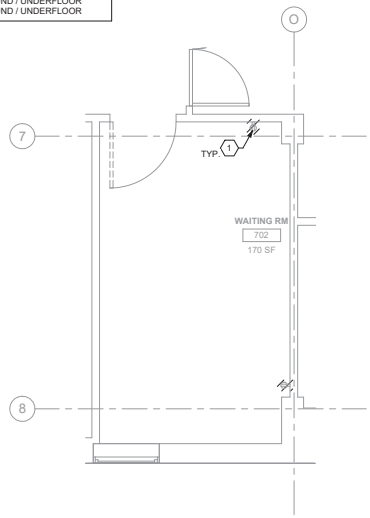
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

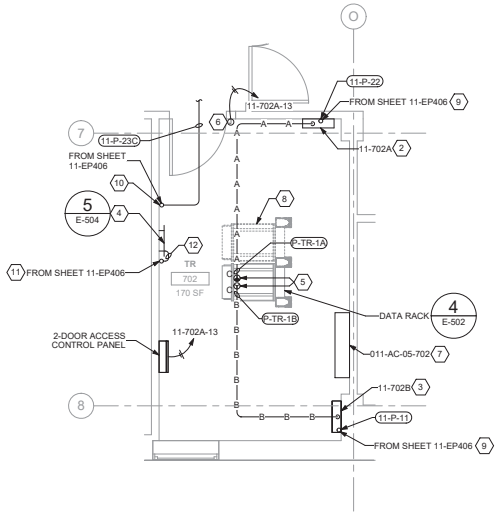
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - - A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - - B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR

KEY NOTES

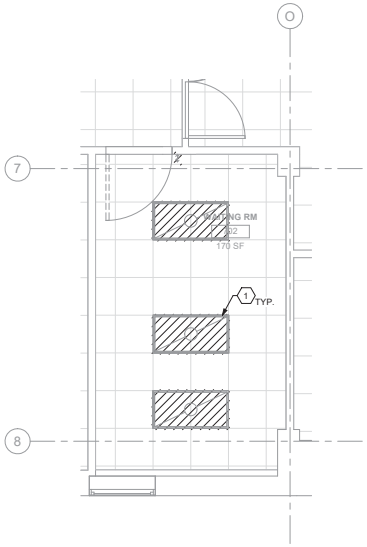
12 PROVIDE SBC AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.



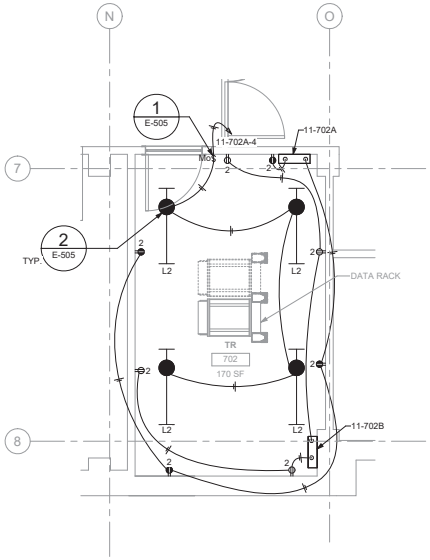
1 11-EP107 RM 702 - DEMOLITION ELECTRICAL PLAN 3/8" = 1'-0"



2 11-EP107 RM 702 - ELECTRICAL PLAN 3/8" = 1'-0"



3 11-EP107 RM 702 - DEMOLITION LIGHTING PLAN 3/8" = 1'-0"



4 11-EP107 RM 702 - LIGHTING AND RECEPTACLE PLAN 3/8" = 1'-0"

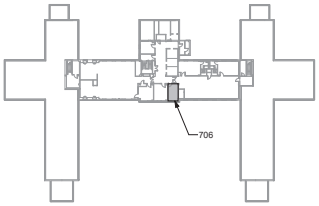
GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE."P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. SOURCE A POWER PANELBOARD "11-702A".
3. SOURCE B POWER PANELBOARD "11-702B".
4. PROVIDE SECONDARY BONDING BUSBAR. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON TECHNOLOGY SHEET T600 FOR ADDITIONAL INFORMATION.
5. OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
6. FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATE SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN 08 71 00 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER.
7. INTERIOR MECHANICAL UNIT POWERED FROM ASSOCIATED EXTERIOR UNIT. PROVIDE CONDUIT AND WIRE PER MANUFACTURER'S REQUIREMENTS. REFERENCE MECHANICAL DRAWINGS AND COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
8. TELECOM RACK IS NIC PER DESIGN ALERT 16. SPARE CIRCUIT BREAKER HAS BEEN PROVIDED FOR FUTURE EQUIPMENT.
9. TR PANELBOARD SOURCE RISER. EXTEND VERTICALLY FROM RISER TAP JUNCTION BOX INDICATED TO FLOOR BELOW. REFERENCE SHEET 11-EP406 FOR ADDITIONAL INFORMATION.
10. CONDUIT ROUTED VERTICALLY FROM FLOOR BELOW. REFERENCE SHEET 11-EP406 FOR ADDITIONAL INFORMATION.
11. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

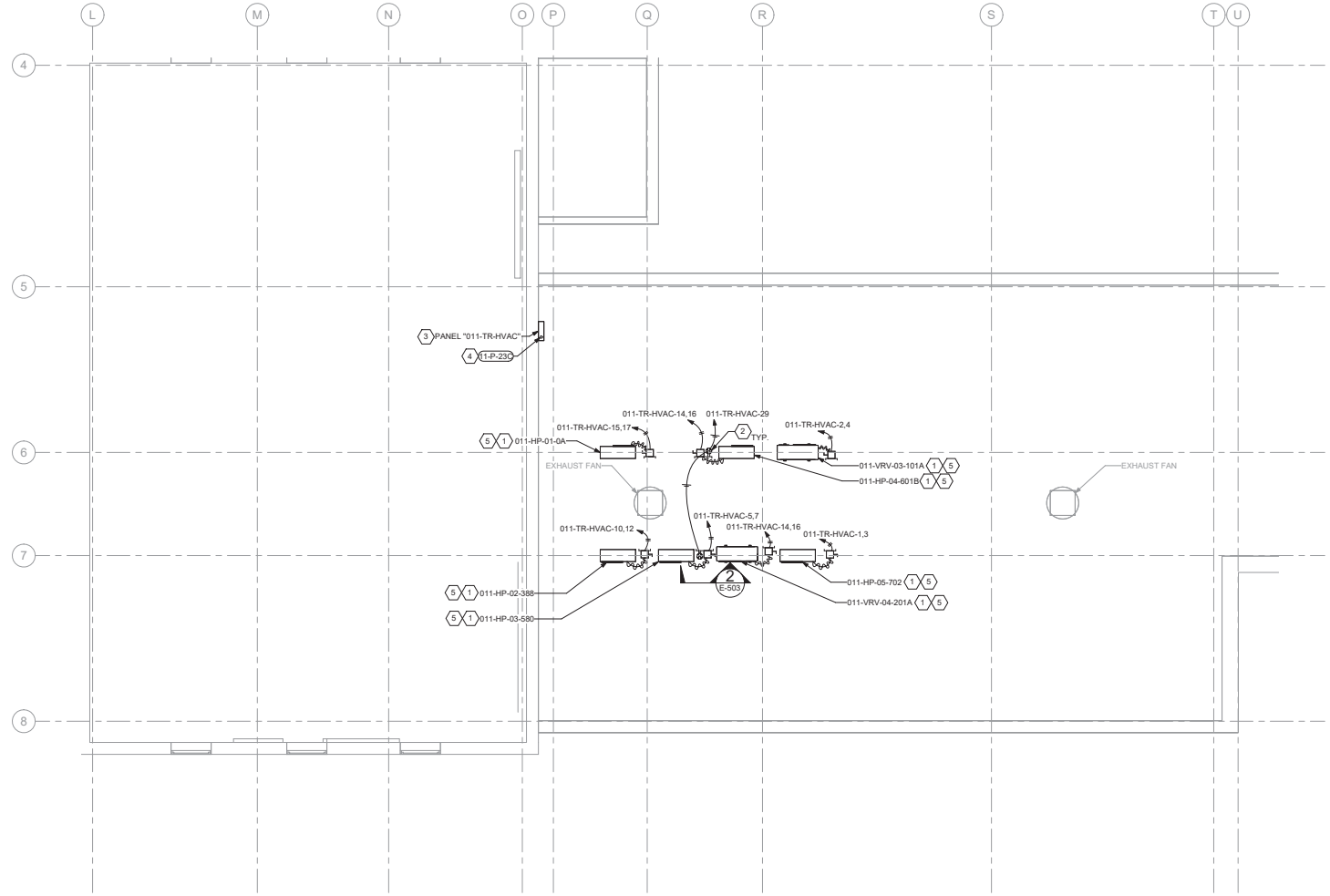
Drawing Title: BLDG 11 - LEVEL 07 - ENLARGED ELECTRICAL PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 11-EP407
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	192 of 339

VA FORM 08 - 6231

1 13/01/2026 10:56:46 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 BLDG 11 - PENTHOUSE - ENLARGED ROOF PLAN
1/4" = 1'-0"

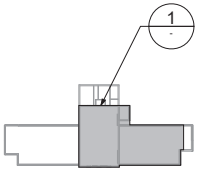
GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 11 ONE-LINE DIAGRAMS ON SHEETS 11-EP601, 11-EP602, 11-EP603, 11-EP604, 11-EP605, 11-EP606, 11-EP607, 11-EP608, AND 11-EP609 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE: IE:"P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. PROVIDE CONDUIT AND WIRE FROM CONDENSING TO ASSOCIATED INDOOR UNIT AS REQUIRED PER MANUFACTURER'S INSTRUCTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
2. PROVIDE SERVICE RECEPTACLE, 20A, 120V, GFCI, HOUSED IN WEATHER RATED DIE-CAST ALUMINUM WHILE-IN-USE COVER.
3. PANELBOARD SHALL BE NEMA-3R RATED.
4. CONDUIT ROUTED VERTICALLY FROM FLOOR BELOW. REFERENCE SHEET 11-EP107 FOR ADDITIONAL INFORMATION.
5. CONTRACTOR SHALL PROVIDE BOND FROM ROOFTOP MECHANICAL UNIT TO EXISTING BUILDING LIGHTNING PROTECTION SYSTEM ROOFTOP CONDUCTOR. CONTRACTOR SHALL COORDINATE WITH EXISTING BUILDING LIGHTNING PROTECTION SYSTEM AS REQUIRED.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - PENTHOUSE - ENLARGED ROOF PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 11

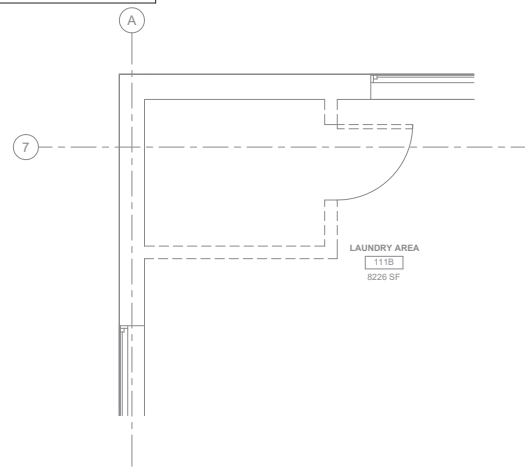
Drawing Number: 11-EP408

VA FORM 08 - 6231

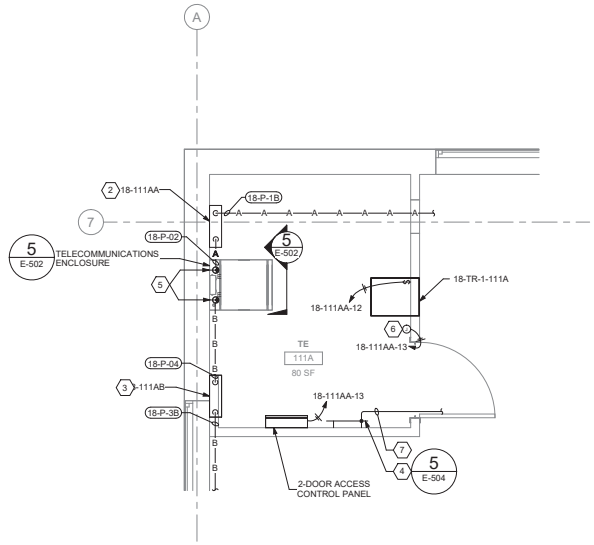
1 13/01/2026 10:56:48 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

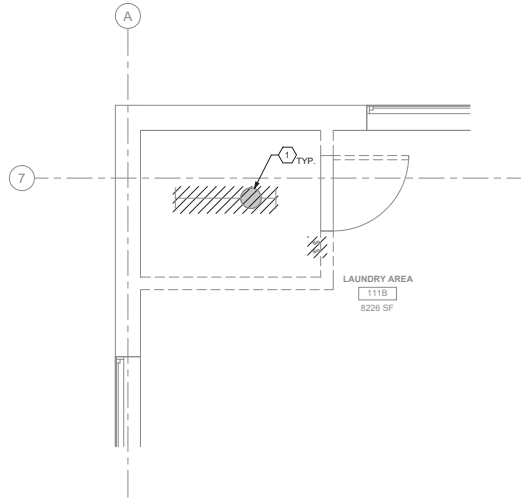
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - - A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - - B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



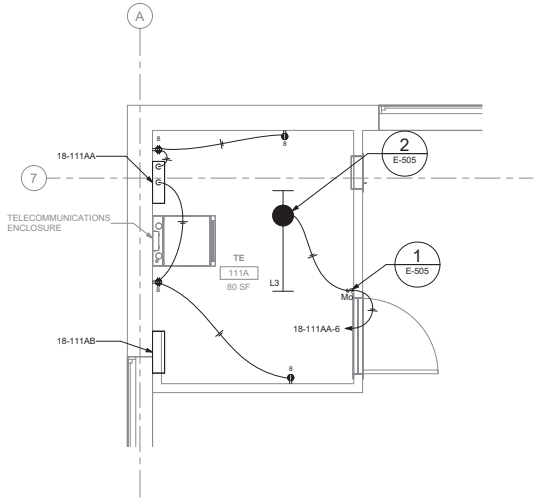
1 18-EP101 RM 111 - DEMOLITION ELECTRICAL PLAN
1/2" = 1'-0"



2 18-EP101 RM 111A - ELECTRICAL PLAN
1/2" = 1'-0"



3 18-EP101 RM 111 - DEMOLITION LIGHTING PLAN
1/2" = 1'-0"



4 18-EP101 RM 111A - LIGHTING AND RECEPTACLE PLAN
1/2" = 1'-0"

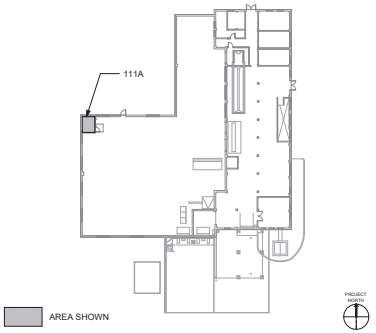
GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 18 ONE-LINE DIAGRAMS ON SHEETS 18-EP601 AND 18-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE:"P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. SOURCE A POWER PANELBOARD "18-111AA".
3. SOURCE B POWER PANELBOARD "18-111AB".
4. SECONDARY BONDING BUSBAR.
5. TE POWER RECEPTACLE. 120V, 30A, 1P L5-30R OUTLET. RECEPTACLE PLACEMENT IS DIAGRAMMATICAL. REFERENCE DETAIL '5' ON SHEET EP502 FOR EXACT PLACEMENT INFORMATION.
6. FURNISH AND INSTALL POWER SUPPLY WITHIN JUNCTION BOX AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN "08 71 00 - DOOR HARDWARE". COORDINATE WITH ARCHITECT AND DOOR INSTALLER. PROVIDE CONVENIENCE RECEPTACLE, 20A, 120V, GFCI, WR, WITH WHILE-IN-USE COVER.
7. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP
1-22-26

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 18 - LEVEL 01 - ENLARGED ELECTRICAL PLANS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: SHM/SGG
Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 18
Drawing Number: 18-EP401

VA FORM 08 - 6231
1 11/21/2025 4:47:56 AM
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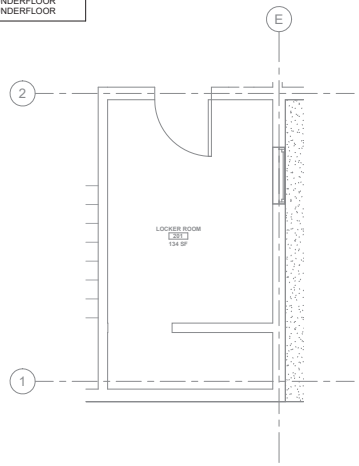
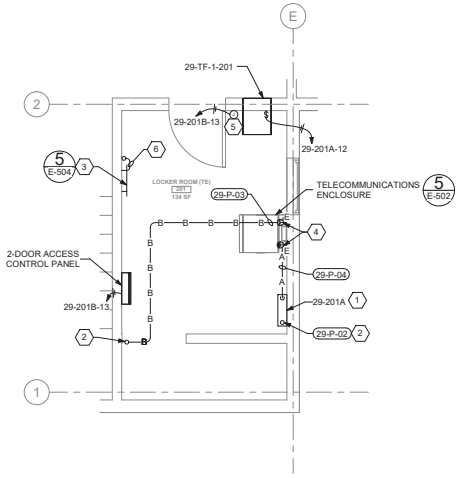
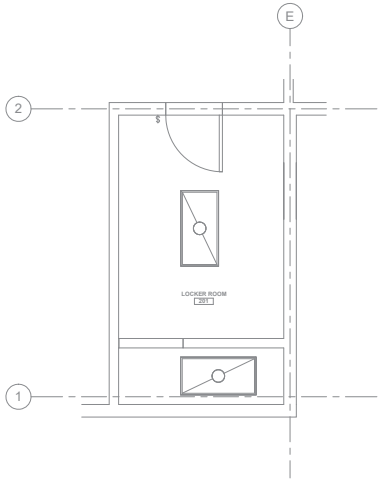
LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



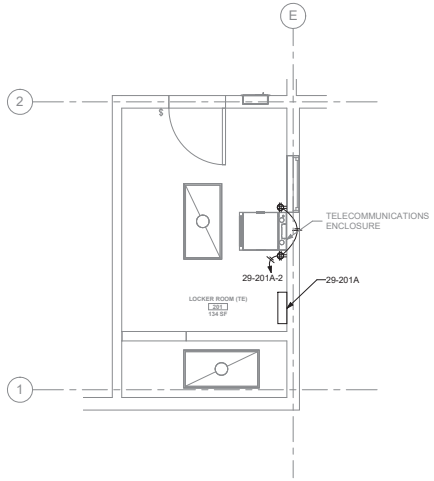
1 - RM 201 - DEMOLITION ELECTRICAL PLAN
3/8" = 1'-0"



2 - RM 201 - ELECTRICAL PLAN
3/8" = 1'-0"



3 - RM 201 - DEMOLITION LIGHTING PLAN
3/8" = 1'-0"



4 - RM 201 - LIGHTING AND RECEPTACLE PLAN
3/8" = 1'-0"

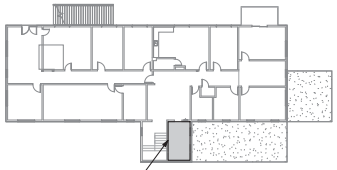
GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 29 ONE-LINE DIAGRAMS ON SHEETS 29-EP601 AND 29-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE:"P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. SOURCE A POWER PANELBOARD "29-201A".
2. CONDUIT ROUTED VERTICALLY FROM RM '109' LOCATED ON THE FLOOR BELOW. REFERENCE SHEET 29-EP101 FOR ADDITIONAL INFORMATION.
3. SECONDARY BONDING BUSBAR.
4. TE POWER RECEPTACLE. 120V, 30A 1P L5-30R OUTLET. RECEPTACLE PLACEMENT IS DIAGRAMMATICAL; REFERENCE DETAIL 5 ON SHEET E-502 FOR EXACT PLACEMENT INFORMATION.
5. FURNISH AND INSTALL POWER SUPPLY WITHIN JUNCTION BOX AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN "08 71 00 - DOOR HARDWARE". COORDINATE WITH ARCHITECT AND DOOR INSTALLER.
6. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 ADDITIONAL INFORMATION.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

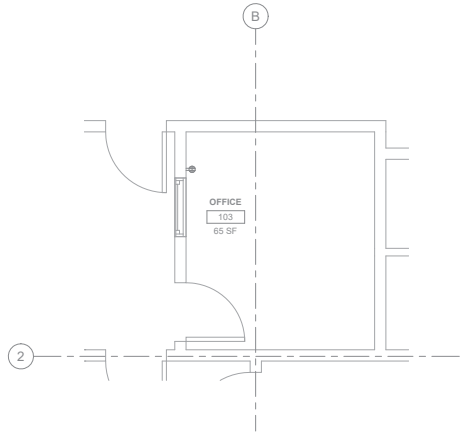
Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

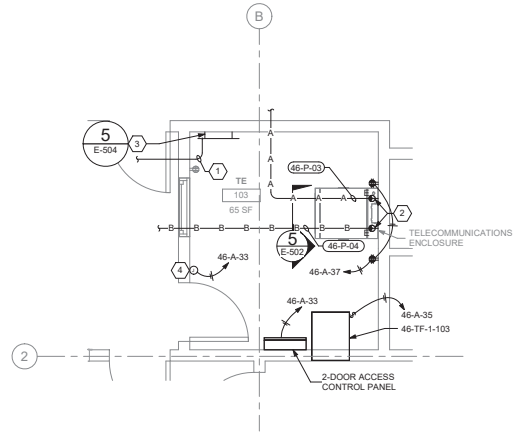
Drawing Title	BLDG 29 - LEVEL 02 - ENLARGED ELECTRICAL PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED	
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	29
Drawing Number	29-EP402

VA FORM 08 - 6231 1 21/11/2025 8:54:21 am
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_29_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 46-EP101 RM 103 - DEMOLITION ELECTRICAL PLAN
1/2" = 1'-0"



2 46-EP101 RM 103 - ELECTRICAL PLAN
1/2" = 1'-0"

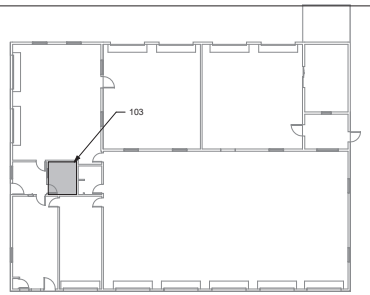
GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 46 ONE-LINE DIAGRAMS ON SHEETS 46-EP601 AND 46-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE:"P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 ADDITIONAL INFORMATION.
2. TE POWER RECEPTACLE. 120V, 30A 1P L5-30R OUTLET. RECEPTACLE PLACEMENT IS DIAGRAMMATICAL; REFERENCE DETAIL 5 ON SHEET E-502 FOR EXACT PLACEMENT INFORMATION.
3. SECONDARY BONDING BUSBAR.
4. FURNISH AND INSTALL POWER SUPPLY WITHIN JUNCTION BOX AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN "08 71 00 - DOOR HARDWARE". COORDINATE WITH ARCHITECT AND DOOR INSTALLER.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 46 - LEVEL 01 - ENLARGED ELECTRICAL PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: SHM/SGG | Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 46

Drawing Number: 46-EP401

VA FORM 08 - 6231

1 21/11/2025 8:58:15 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_46_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - - A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - - B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR

KEY NOTES

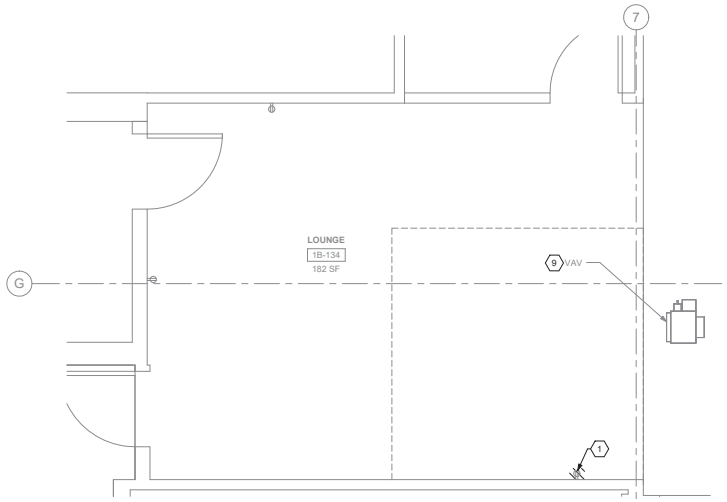
14. PROVIDE CONNECTION FOR CONDENSATE PUMP. PROVIDE MOTOR RATED SINGLE POLE DISCONNECT SWITCH.
15. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED RACEWAYS AND CONDUCTORS SHALL BE DEMOLISHED BACK TO SOURCE. PROVIDE ANY ADDITIONAL CIRCUITING AS REQUIRED TO MAINTAIN REMAINING ROOM LIGHTING POWER AND CONTROLS.

GENERAL NOTES

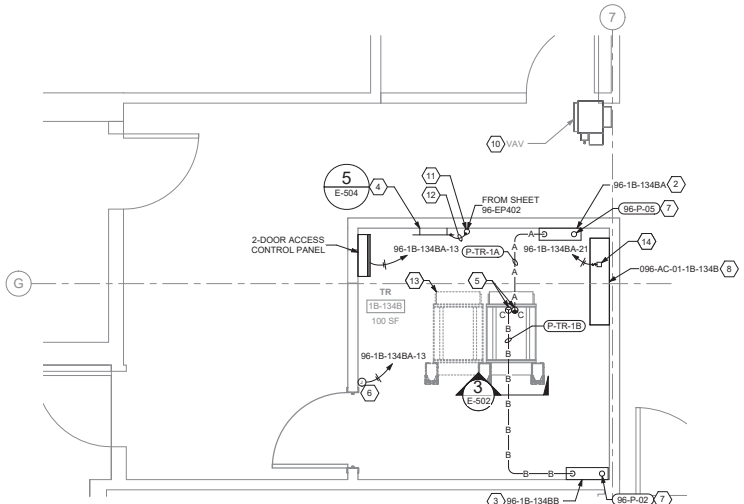
1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 96 ONE-LINE DIAGRAMS ON SHEETS 96-EP601 AND 96-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE:"P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

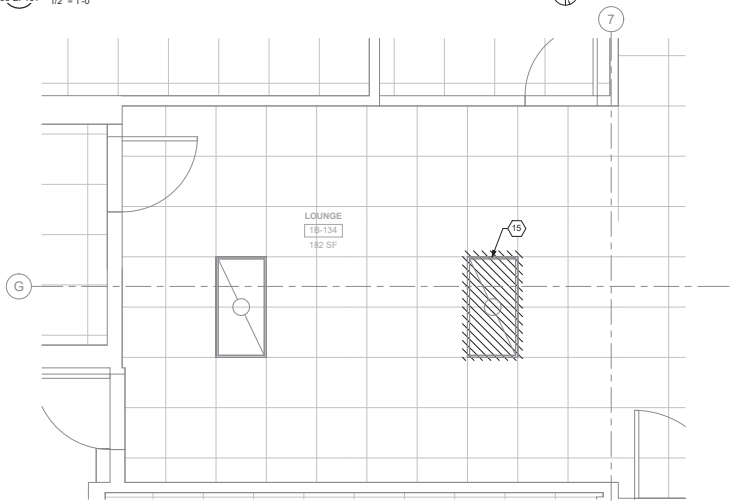
1. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED RACEWAYS AND CONDUCTORS SHALL BE DEMOLISHED BACK TO SOURCE. EXTEND EXISTING RACEWAYS AND CONDUCTORS TO MAINTAIN CIRCUITRY TO REMAIN.
2. SOURCE A POWER PANELBOARD "96-1B-134BA"
3. SOURCE B POWER PANELBOARD "96-1B-134BB"
4. PROVIDE SECONDARY BONDING BUSBAR. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
5. OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.
6. FURNISH AND INSTALL POWER SUPPLY WITHIN JUNCTION BOX AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN "08 71 00 - DOOR HARDWARE". COORDINATE WITH ARCHITECT AND DOOR INSTALLER.
7. CONDUIT ROUTED VERTICALLY FROM TR '2B-134B' LOCATED ON THE FLOOR ABOVE. REFERENCE SHEET 96-EP402 FOR ADDITIONAL INFORMATION.
8. INTERIOR MECHANICAL UNIT POWERED FROM ASSOCIATED EXTERIOR UNIT. PROVIDE CONDUIT AND WIRE PER MANUFACTURER'S REQUIREMENTS. REFERENCE MECHANICAL DRAWINGS AND COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
9. EXISTING VAV UNIT SHALL BE RELOCATED. REFERENCE DETAIL '2' FOR ADDITIONAL INFORMATION.
10. RELOCATED VAV UNIT. EXTEND CONDUCTOR AND RACEWAY AS REQUIRED.
11. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
12. PROVIDE SBC AS INDICATED. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
13. TELECOM RACK IS NIC PER DESIGN ALERT 16. SPARE CIRCUIT BREAKER HAS BEEN PROVIDED FOR FUTURE EQUIPMENT.



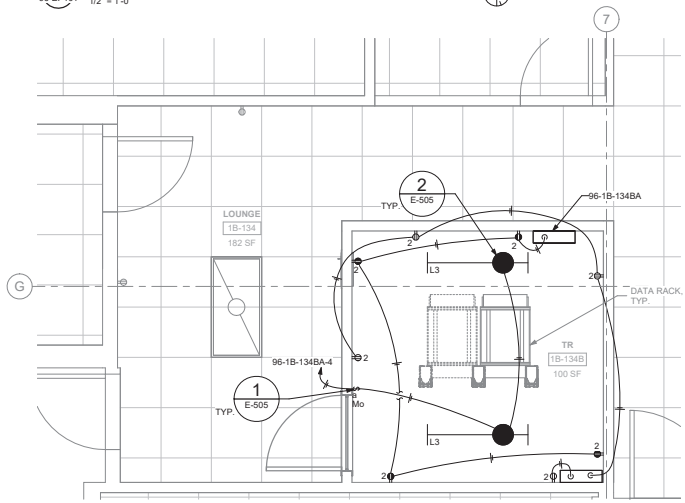
1 96-EP101 RM 1B-134 - DEMOLITION ELECTRICAL PLAN
1/2" = 1'-0"



2 96-EP101 RM 1B-134B - ELECTRICAL PLAN
1/2" = 1'-0"

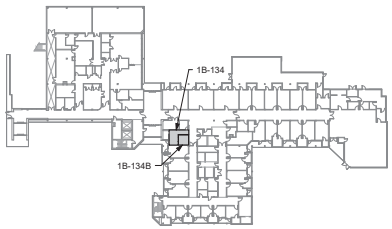


3 96-EP101 RM 1B-134 - DEMOLITION LIGHTING PLAN
1/2" = 1'-0"



4 96-EP101 RM 1B-134B - LIGHTING AND RECEPTACLE PLAN
1/2" = 1'-0"

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 96 - LEVEL 01 - ENLARGED ELECTRICAL PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: SHM/SGG | Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 96

Drawing Number: 96-EP401

197 of 339

VA FORM 08 - 6231 1 11/21/2025 9:07:17 AM

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_96_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A---A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B---B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR

KEY NOTES

(14) EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED RACEWAYS AND CONDUCTORS SHALL BE DEMOLISHED BACK TO SOURCE. PROVIDE ANY ADDITIONAL CIRCUITING AS REQUIRED TO MAINTAIN REMAINING ROOM LIGHTING POWER AND CONTROLS.

GENERAL NOTES

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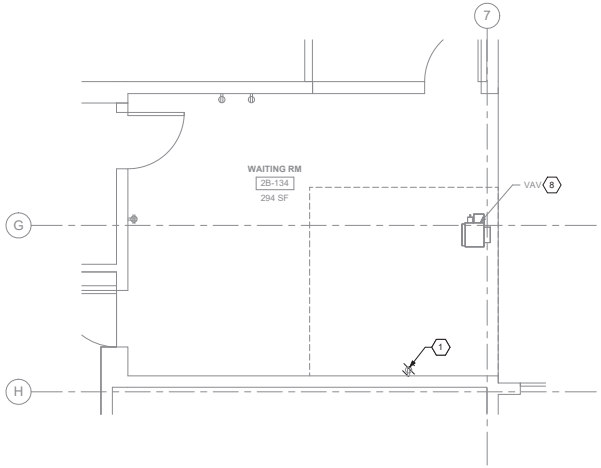
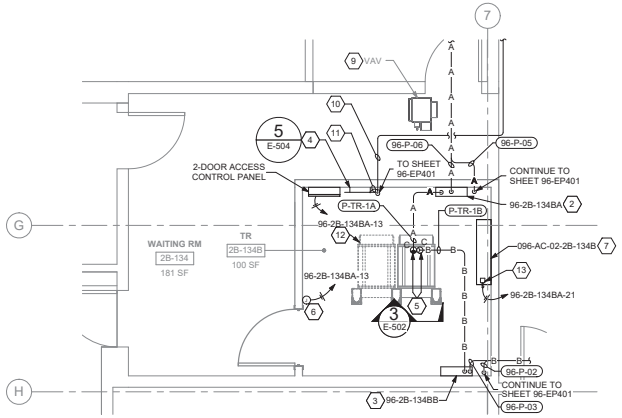
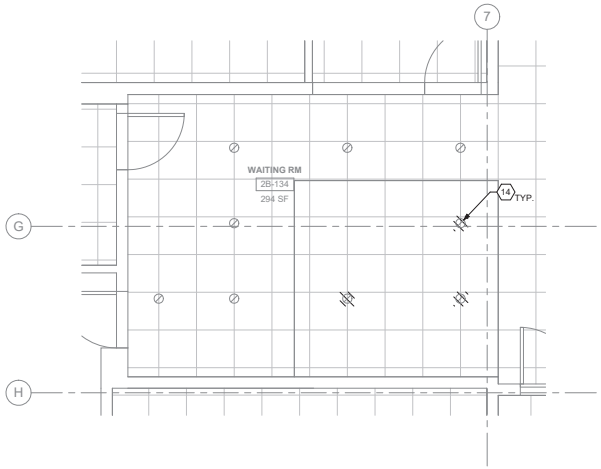
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 96 ONE-LINE DIAGRAMS ON SHEETS 96-EP601 AND 96-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE:"P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.



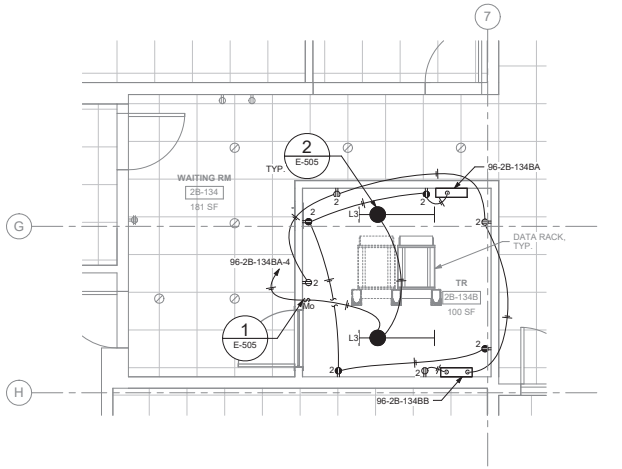
1 96-EP102 RM 2B-134 - DEMOLITION ELECTRICAL PLAN
3/8" = 1'-0"



2 96-EP102 RM 2B-134B - ELECTRICAL PLAN
3/8" = 1'-0"



3 96-EP102 RM 2B-134 - DEMOLITION LIGHTING PLAN
3/8" = 1'-0"



4 96-EP102 RM 2B-134B - LIGHTING AND RECEPTACLE PLAN
3/8" = 1'-0"

KEY NOTES

(1) EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED RACEWAYS AND CONDUCTORS SHALL BE DEMOLISHED BACK TO SOURCE. EXTEND EXISTING RACEWAYS AND CONDUCTORS TO MAINTAIN CIRCUITRY TO REMAIN.

(2) SOURCE A POWER PANELBOARD "96-2B-134BA"

(3) SOURCE B POWER PANELBOARD "96-2B-134BB"

(4) PROVIDE SECONDARY BONDING BUSBAR. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

(5) OVERHEAD TR RACK SOURCE A AND SOURCE B POWER RECEPTACLE.

(6) FURNISH AND INSTALL POWER SUPPLY WITHIN JUNCTION BOX AS INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE (1) POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS AS REQUIRED. SEE REQUIREMENTS IN "08 71 00 - DOOR HARDWARE". COORDINATE WITH ARCHITECT AND DOOR INSTALLER.

(7) INTERIOR MECHANICAL UNIT POWERED FROM ASSOCIATED EXTERIOR UNIT. PROVIDE CONDUIT AND WIRE PER MANUFACTURER'S REQUIREMENTS. REFERENCE MECHANICAL DRAWINGS AND COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.

(8) EXISTING VAV UNIT SHALL BE RELOCATED. REFERENCE DETAIL '2' FOR ADDITIONAL INFORMATION.

(9) RELOCATED VAV UNIT. EXTEND CONDUCTOR AND RACEWAY AS REQUIRED.

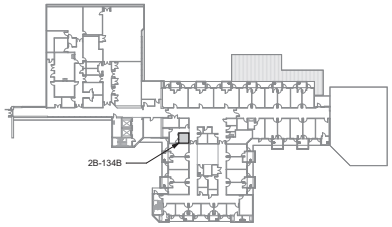
(10) PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

(11) PROVIDE SBC AS INDICATED. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.

(12) TELECOM RACK IS NIC PER DESIGN ALERT 16. SPARE CIRCUIT BREAKER HAS BEEN PROVIDED FOR FUTURE EQUIPMENT.

(13) PROVIDE CONNECTION FOR CONDENSATE PUMP. PROVIDE MOTOR RATED SINGLE POLE DISCONNECT SWITCH.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

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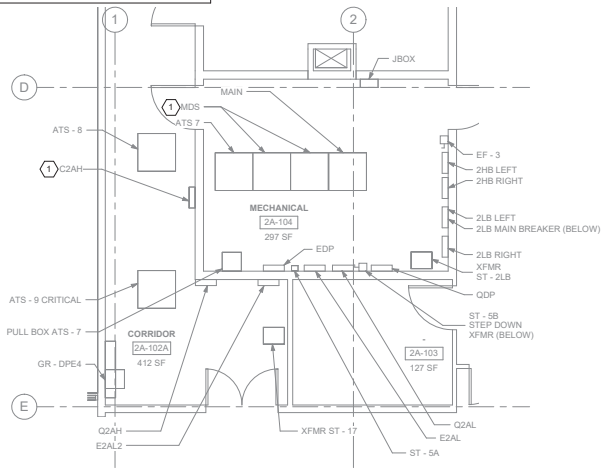
Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

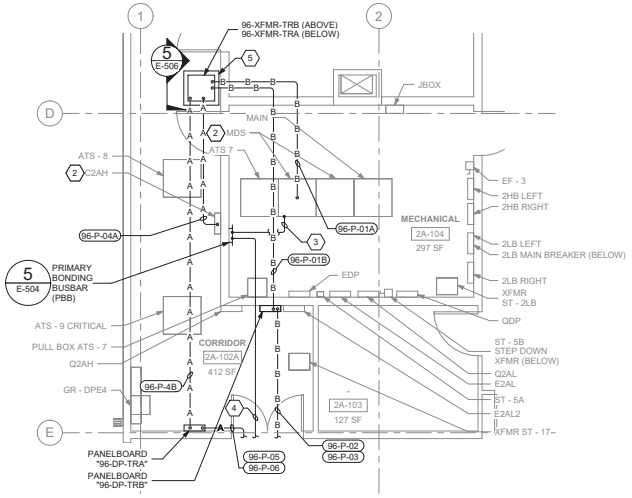
Drawing Title	Phase	Project Title	Project Number
BLDG 96 - LEVEL 02 - ENLARGED ELECTRICAL PLANS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
			Building Number: 96
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 96-EP402a
		Issue Date: 11/21/2025; Checked: SHM/SGG; Drawn: RTS/ONI	198 of 339

VA FORM 08 - 6231 1 11/21/2025 9:07:20 AM
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_96_EL_SDB.rvt

LEGEND
PROVIDED TO INDICATE 'A' AND 'B' SIDE SOURCED POWER FEEDERS. REFERENCE GENERAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
-A——A- 'A' SIDE POWER, CONCEALED WHERE POSSIBLE
-B——B- 'B' SIDE POWER, CONCEALED WHERE POSSIBLE
-A - - -A- 'A' SIDE POWER, UNDERGROUND / UNDERFLOOR
-B - - -B- 'B' SIDE POWER, UNDERGROUND / UNDERFLOOR



1 96-EP102 RM 2A-102A & RM 2A-104 - DEMOLITION ELECTRICAL PLAN
1/4" = 1'-0"



2 96-EP102 RM 2A-102A & RM 2A-104 - ELETRICAL PLAN
1/4" = 1'-0"

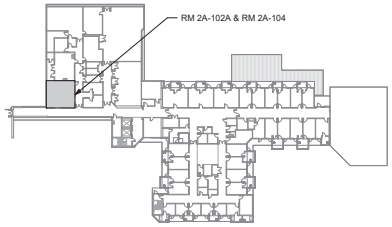
GENERAL NOTES

1. DEMOLITION PLANS/NOTES ARE BASED ON SITE INVESTIGATIONS AND RECORD DRAWINGS. IF DISCREPANCIES ARE FOUND THAT MAY IMPACT WORK, PROMPTLY NOTIFY VA RESIDENT ENGINEER OF SAID DISCREPANCY.
2. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL POWER, LIGHTING, AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUCTORS, AND RACEWAYS ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL COORDINATE NORMAL/ESSENTIAL ELECTRICAL SYSTEM SHUTDOWNS AND PHASING WITH THE VA RESIDENT ENGINEER PRIOR TO PERFORMING REQUIRED EQUIPMENT UPGRADES. CONTRACTOR TO PROVIDE BACKUP EMERGENCY POWER AND DETERMINE TIE-IN/CONNECTION PLAN WITH EXISTING EQUIPMENT. POWER TO ALL EXISTING ESSENTIAL EQUIPMENT CANNOT BE INTERRUPTED AND SHALL REMAIN ACTIVE DURING CONSTRUCTION. BACKUP POWER AND TIE-IN SHALL CONFORM WITH VA STANDARDS.
5. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
6. REFERENCE CORRESPONDING BUILDING 96 ONE-LINE DIAGRAMS ON SHEETS 96-EP601 AND 96-EP611 FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS CONTAINING CIRCUITS IMPACTED BY THIS PROJECT.
8. CONTRACTOR SHALL PROVIDE PULL BOXES FOR ALL FEEDERS WHERE FEEDER RUNS EXCEED 250FT OR HAVE MORE THAN 270 DEGREES OF TOTAL BEND. PULL BOX PLACEMENT AND SIZING BY CONTRACTOR. COORDINATE PULL BOX LOCATIONS WITH ALL OBSTRUCTIONS, TRADES, AND VA RESIDENT ENGINEER AS REQUIRED.
9. ALL RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH PANEL AND CIRCUIT LABELING LOCATED DIRECTLY ON THE WALL PLATE; IE:"P4-1", PANEL "4", CIRCUIT "1". REFERENCE WIRING DEVICE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. EXISTING EQUIPMENT SHALL BE MODIFIED.
2. UTILIZE EXISTING SPACE TO PROVIDE CIRCUIT BREAKERS TO SERVE ADDED LOAD.
3. PROVIDE TBC AS SHOWN. REFERENCE TELECOM BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
4. PROVIDE TBB AS INDICATED; WHERE CONDUCTOR IS SUBJECT TO PHYSICAL DAMAGE, CONDUCTOR SHALL BE ROUTED THROUGH RMC. REFERENCE TELECOMMUNICATIONS BONDING RISER DIAGRAM ON SHEET EG601 FOR ADDITIONAL INFORMATION.
5. HOUSEKEEPING PAD, 5000-PSI CONCRETE, 3-1/2"H, # REBAR EVERY 12" ON CENTER. COORDINATE WITH CAST-IN-PLACE CONCRETE SPECIFICATION FOR ADDITIONAL INFORMATION. HOUSEKEEPING PAD SHALL EXTEND 4" BEYOND EQUIPMENT FOOTPRINT.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 96 - LEVEL 02 - ENLARGED ELECTRICAL PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED	
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	96
Drawing Number	96-EP402b

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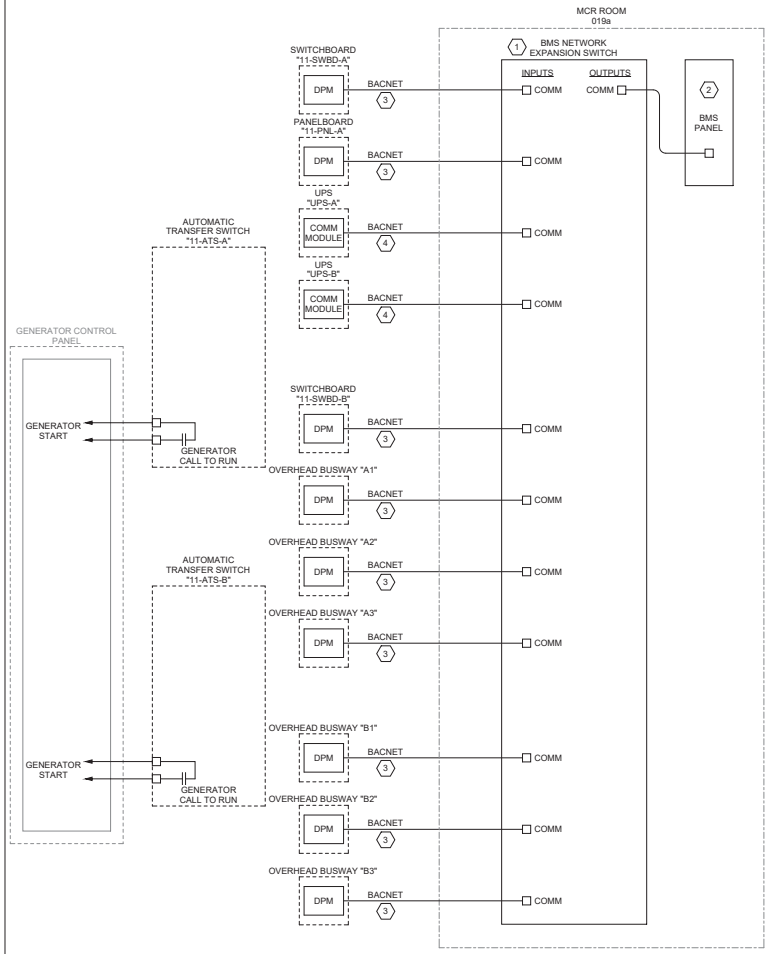


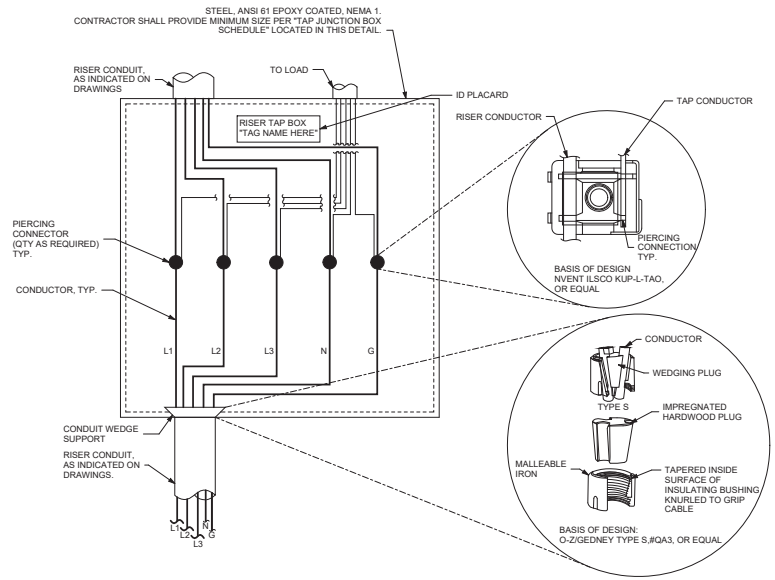
1 DATA CENTER EQUIPMENT CONTROL AND STATUS WIRING DIAGRAM

NTS

TAP JUNCTION BOX SCHEDULE					
TAG NAME	SIZE (MINIMUM)	TYPE	FLOOR PLAN	ONE LINE	NOTES
01-JA-A	18"H x 8"W x 4"D	SCREW-COVER ENCLOSURE TYPE 1, GRAY, HOLD STEEL	11-EPM02	11-EPM02	1
01-JA-B	18"H x 8"W x 4"D		11-EPM03	11-EPM02	1
01-JA-C	18"H x 8"W x 4"D		11-EPM03	11-EPM02	1
01-JA-D	18"H x 8"W x 4"D		11-EPM04	11-EPM02	1
01-JA-E	18"H x 8"W x 4"D		11-EPM05	11-EPM02	1
01-JA-F	18"H x 8"W x 4"D		11-EPM05	11-EPM02	1
01-JB-A	18"H x 8"W x 4"D		11-EPM02	11-EPM07	1
01-JB-B	18"H x 8"W x 4"D		11-EPM03	11-EPM07	1
01-JB-C	18"H x 8"W x 4"D		11-EPM03	11-EPM07	1
01-JB-D	18"H x 8"W x 4"D		11-EPM04	11-EPM07	1
01-JB-E	18"H x 8"W x 4"D		11-EPM05	11-EPM07	1
01-JB-F	18"H x 8"W x 4"D		11-EPM05	11-EPM07	1

NOTES(S):
1. COORDINATE FINAL INSTALLATIONS WITH EXISTING CONDITIONS AS REQUIRED.

DETAIL NOTES:
1. CONTRACTOR SHALL COORDINATE ALL EQUIPMENT PLACEMENT WITH EXISTING CONDITIONS.
2. CONTRACTOR SHALL PROVIDE ALL MOUNTING HARDWARE AS REQUIRED TO SECURE BOX.
3. INSTALLATION DETAIL IS GENERIC. CONTRACTOR SHALL PROVIDE CONDUCTOR, PIERCING CONNECTORS, CONDUITS SUPPORTS, AND OTHER EQUIPMENT QUANTITIES AS REQUIRED.



2 TYPICAL RISER TAP JUNCTION BOX INSTALLATION DETAIL

NTS

GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.
2. MAKE ALL CONNECTIONS TO EQUIPMENT PER MANUFACTURER'S REQUIREMENT.
3. PRIOR TO EQUIPMENT PROCUREMENT, CONTRACTOR SHALL PROVIDE DETAILED AND DIMENSIONED SHOP DRAWINGS INDICATING PROPOSED ELECTRICAL EQUIPMENT INSTALLATIONS DURING THE SUBMITTAL PROCESS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL.
4. CONDUIT AND WIRE IS NOT SHOWN ON DETAILS FOR CLARITY PURPOSE.

KEY NOTES

1. BMS NETWORK EXPANSION SWITCH. PROVIDE SWITCH SIZED TO SUPPORT QUANTITY OF INPUTS AND OUTPUTS AS INDICATED. REFERENCE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. BMS PANEL SHALL BE ACCOMPANIED BY I/O EXPANSION MODULES AS REQUIRED FOR ALL ELECTRICAL AND MECHANICAL EQUIPMENT CONTROL AND STATUS. PROVIDE ALL TERMINATIONS, CABLING, RACEWAYS, PROGRAMMING AND APPURTENANCES AS REQUIRED TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM. REFERENCE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. DATA POINT SHALL RECORD kVA, kW, AND AMPERAGE AT A MINIMUM.
4. UPS BATTERY MANAGEMENT SYSTEM SHALL BE MONITORED WITH THE FOLLOWING MINIMUM DATA POINTS:
   - OVERLOAD (CRITICAL).
   - BATTERY TEMP (CRITICAL).
   - LOW BATTERY.
   - BATTERY FAILURE (CRITICAL.)
   - GENERAL CRITICAL ALARM (IE: FAN FAILURE, INTERNAL FAULT, BYPASS, ETC.)

Revisions:	Date:

CONSULTANT/ DISCIPLINE

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL DETAILS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: -

Drawing Number: E-501

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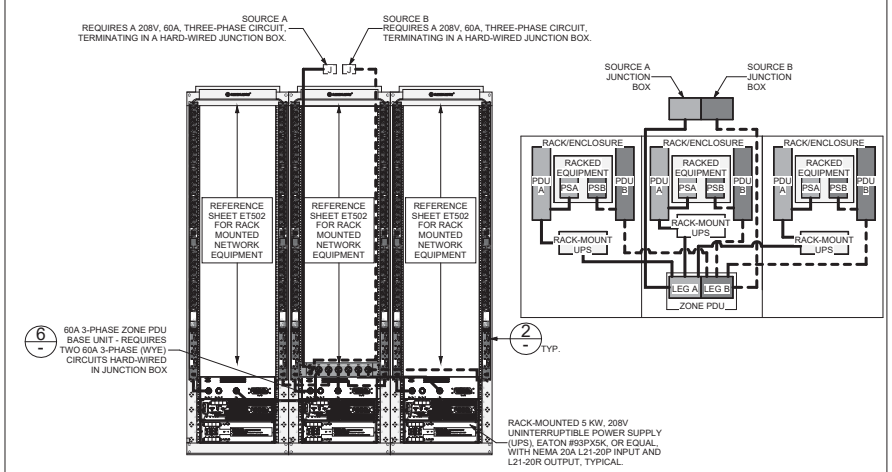
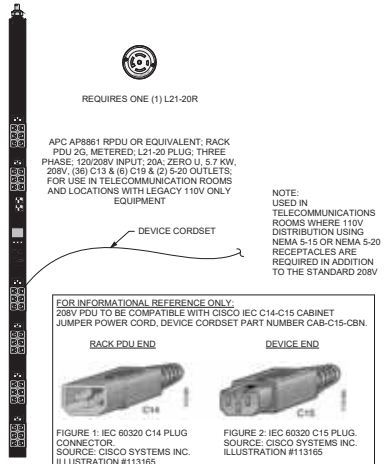


1 POWER ELEVATION AND SCHEMATIC FOR A THREE-RACK TR

11-EP401a NTS



FOR INFORMATIONAL REFERENCE ONLY:
208V PDU TO BE COMPATIBLE WITH CISCO IEC C14-C15 CABINET JUMPER POWER CORD, DEVICE CORDSET PART NUMBER CAB-C15-CBN.

RACK PDU END

FIGURE 1: IEC 60320 C14 PLUG CONNECTOR.
SOURCE: CISCO SYSTEMS INC.
ILLUSTRATION #113165

DEVICE END

FIGURE 2: IEC 60320 C15 PLUG.
SOURCE: CISCO SYSTEMS INC.
ILLUSTRATION #113165

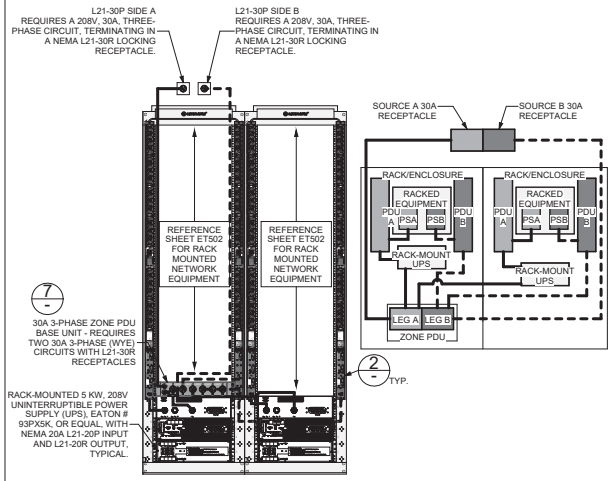
CAB-C15-CBN DETAILS:
1. CORDSET RATED FOR 250VAC, 13A, 60 HZ, 120° C (248° F) AT COUPLER PINS.
2. MAXIMUM OVERALL LENGTH OF 4 FT.
3. VERIFY CORDSET COMPATIBILITY WITH 208VAC SOURCE POWER BEFORE CONNECTING
4. VERIFY DEVICE COMPATIBILITY WITH 208VAC INPUT POWER BEFORE CONNECTING.

2 208V RACK PDU FOR TRs

NTS

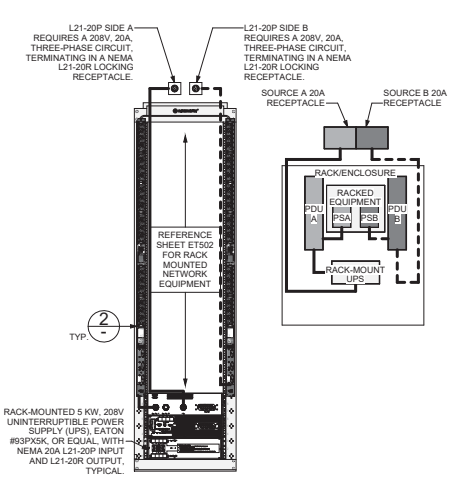
GENERAL NOTES

1. GENERAL NOTES SHALL BE APPLIED TO ALL UPS UNITS: UPS SHALL SUPPORT BOTH MONITORING AND REMOTE MANAGEMENT TO INCLUDE:
   A. FULL COMPLIANCE WITH RFC-1628 - UPS MANAGEMENT INFORMATION BASE.
   B. SUPPORT SNMP V3.0, BACNET AND MODBUS PROTOCOLS.
   C. PROVIDE CONNECTION TO BMS SYSTEM VIA CAT-6A ETHERNET CONNECTION.
   D. UPS SHALL BE MANGED AND REPORT THE FOLLOWING TO THE FACILITY BMS:
      I. OVERLOAD (CRITICAL).
      II. BATTERY TEMP (CRITICAL).
      III. LOW BATTERY.
      IV. BATTERY FAILURE (CRITICAL).
      V. GENERAL CRITICAL ALARM (IE: FAN FAILURE, INTERNAL FAULT, BYPASS, ETC.)



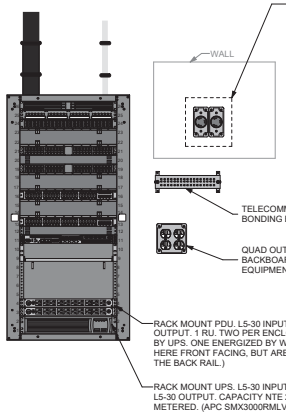
3 TYPICAL POWER ELEVATION AND SCHEMATIC FOR A TWO-RACK TR

NTS



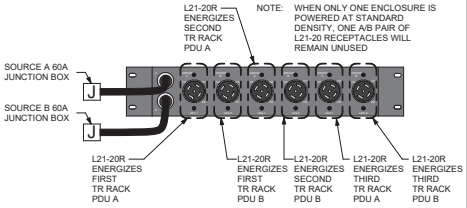
4 TYPICAL POWER ELEVATION AND SCHEMATIC FOR ONE-RACK TR

NTS



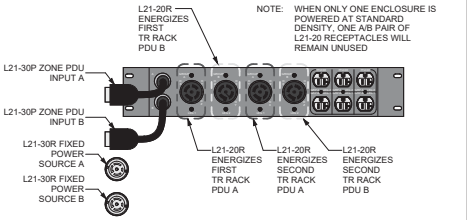
5 TYPICAL TELECOMMUNICATIONS ENCLOSURE ELEVATION DETAIL

NTS



6 CONNECTION DETAIL FOR 60A ZONE PDU UNIT SUPPLYING THREE-PHASE

NTS



7 CONNECTION DETAIL FOR 30A ZONE PDU UNIT SUPPLYING THREE-PHASE

NTS

Revisions:	Date:

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL DETAILS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: E-502
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	201 of 339

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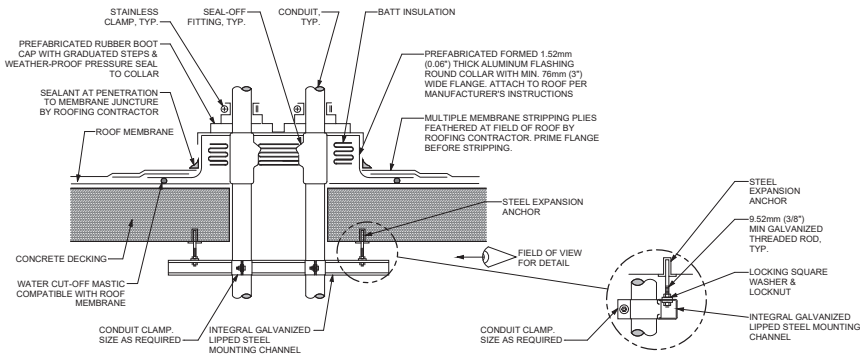


GENERAL NOTES:

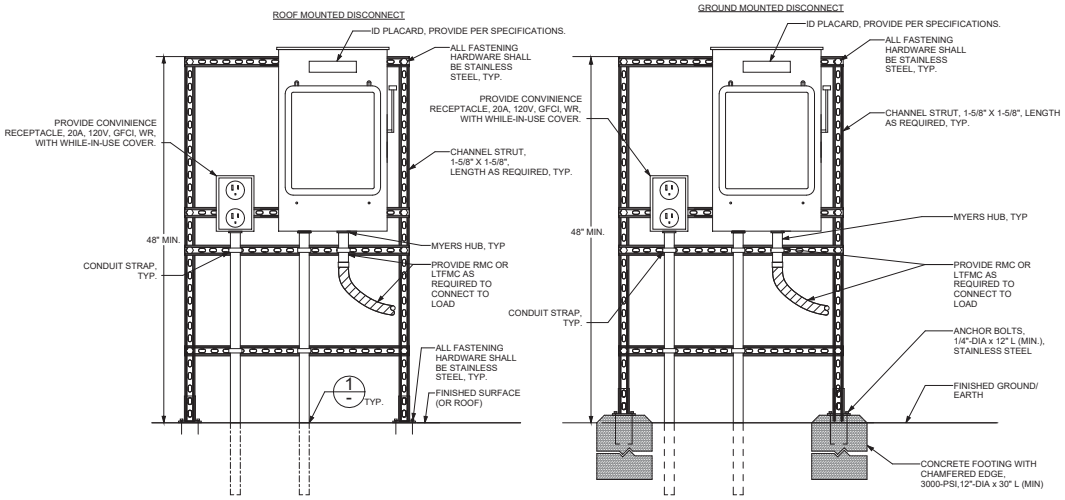
1. MAINTAIN A MINIMUM CLEARANCE OF 305mm (12") ON ALL SIDES OF ROOF PENETRATION FROM WALLS, CURBS, AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING.
2. FLANGES OF ADJACENT FLASHINGS SHALL NOT BE CUT OR OVERLAPPED.
3. VERIFY ROOF & STRUCTURAL SYSTEM WITH ARCHITECT.
4. COORDINATE FLASHING INSTALLATION WITH ROOFING CONTRACTOR TO ENSURE PROPER METHODS & MATERIALS ARE USED TO MAINTAIN ROOF WARRANTY.

1 CONDUIT ROOF PENETRATION DETAIL

NTS

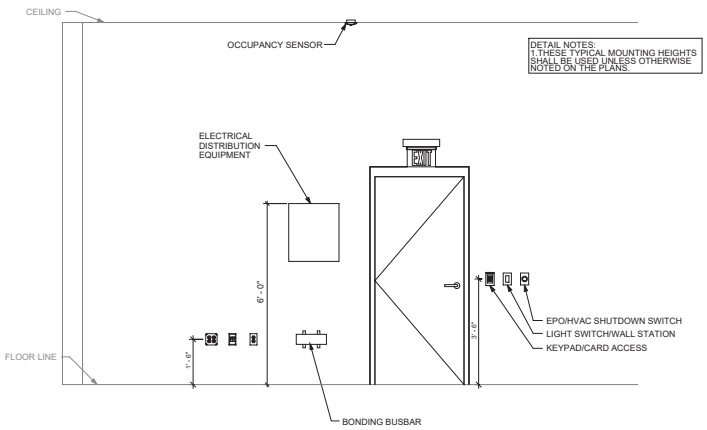
DETAIL NOTES:

1. ALL CHANNEL STRUT, POST BASES AND ACCESSORIES SHALL BE HOT-DIPPED GALVANIZED, UNLESS SPECIFICALLY NOTED OTHERWISE.
2. DETAIL INDICATES GENERAL LAYOUT REQUIREMENTS. CONTRACTOR SHALL SIZE RACK ACCORDINGLY TO MOUNT ALL REQUIRED EQUIPMENT AS SHOWN ON PLANS; ADDITIONAL HORIZONTAL AND/OR VERTICAL STRUCTURAL MEMBERS MAY BE REQUIRED.
3. WHERE SHOWN ON PLANS, PROVIDE RACK MOUNTED CONVENIENCE RECEPTACLE, 20A, 120V, GFCI, WR, WITH WHILE-IN-USE COVER. PROVIDE ALL REQUIRED CONDUIT, STRUT, AND FASTENING HARDWARE AS REQUIRED.



2 TYPICAL UNISTRUT RACK MOUNTED DISCONNECT SWITCH

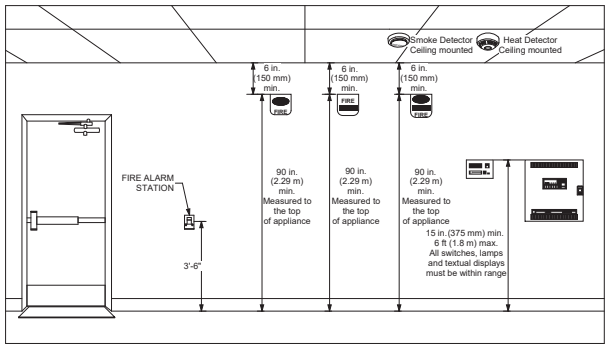
11-EP408 NTS



DETAIL NOTES:
1.THESE TYPICAL MOUNTING HEIGHTS SHALL BE USED UNLESS OTHERWISE NOTED ON THE PLANS.

3 TYPICAL MOUNTING HEIGHT DETAIL

NTS



4 TYPICAL MOUNTING HEIGHT DETAIL

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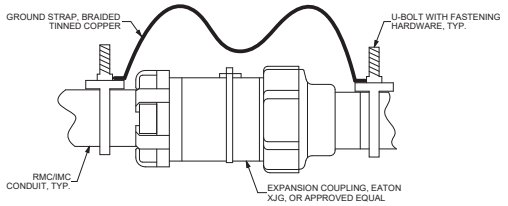

5 CONDUIT EXPANSION JOINT DETAIL

NTS

Revisions:	Date:

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ELECTRICAL DETAILS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Building Number: -
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	Drawing Number: E-503

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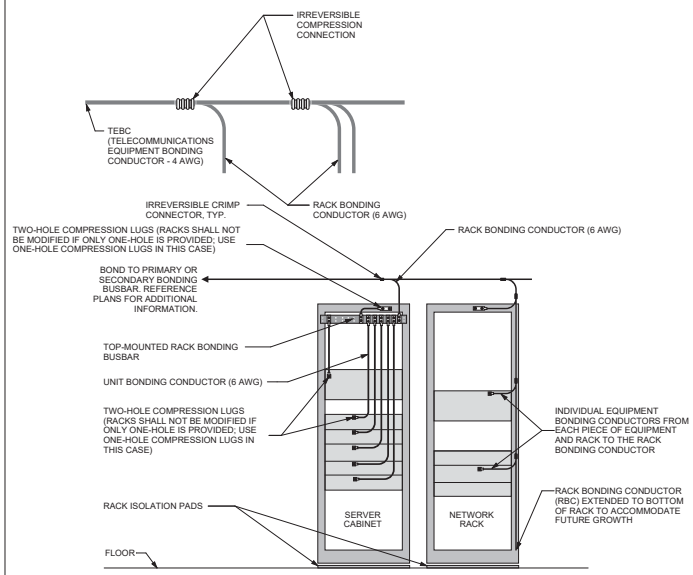
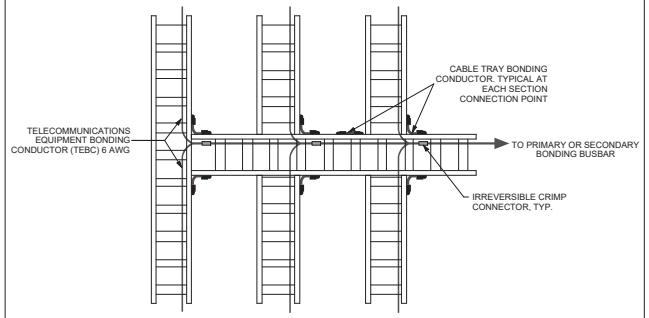


1 TELECOMMUNICATIONS CABINET & RACK BONDING DETAIL

11-EG400b
11-EG400c
NTS

DETAIL NOTES:

1. ALL BONDING CONDUCTORS SHALL FOLLOW SIZING REQUIREMENTS SPECIFIED IN ANSI/TIA-607-E.
2. REFERENCE SHEET EG601 FOR ADDITIONAL INFORMATION.

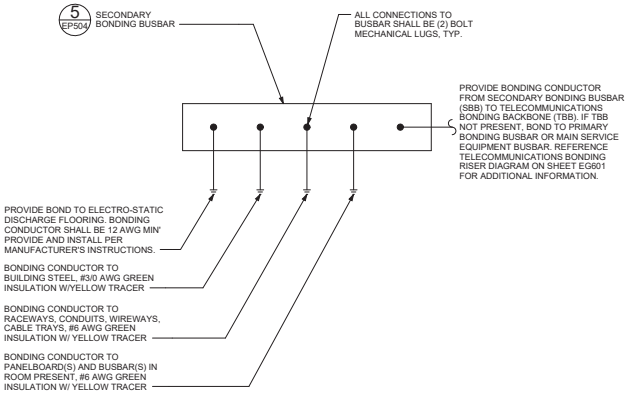


2 CABLE TRAY GROUNDING/BONDING REQUIREMENTS

NTS

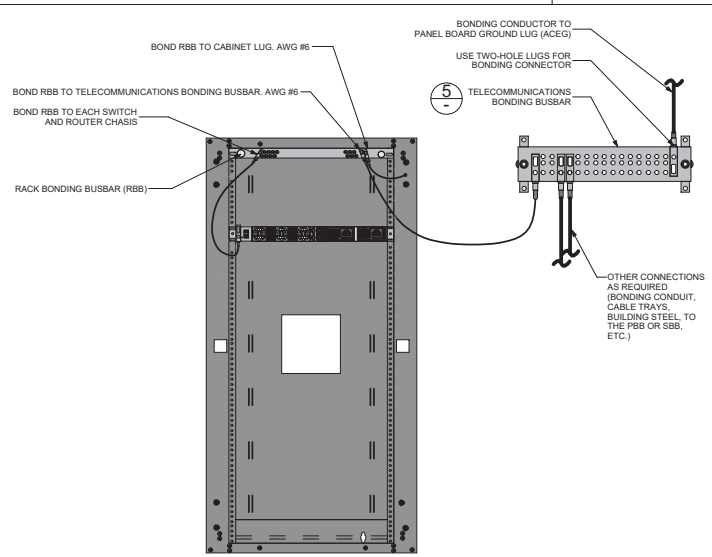
DETAIL NOTES:

1. ALL BONDING CONDUCTORS SHALL FOLLOW SIZING REQUIREMENTS SPECIFIED IN ANSI/TIA-607-E.
2. REFERENCE SHEET EG601 FOR ADDITIONAL INFORMATION.



3 SBB BONDING DETAIL

NTS

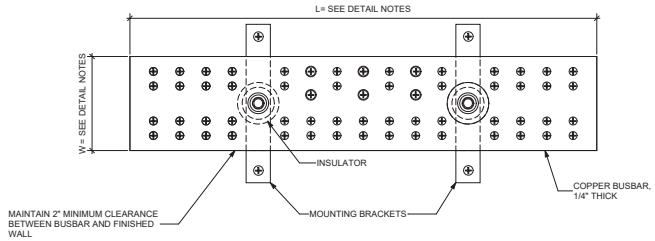


4 TELECOMMUNICATIONS ENCLOSURE GROUNDING DETAIL

NTS

DETAIL NOTES:

1. SECONDARY BONDING BUSBAR (SBB) SHALL BE 16 INCHES LONG, 2 INCHES WIDE.
2. PRIMARY BONDING BUSBAR (PBB) SHALL BE 20 INCHES LONG, 4 INCHES WIDE.



5 TYPICAL PBB AND SBB BONDING BUSBAR DETAIL

NTS

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL DETAILS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: E-504
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	203 of 339

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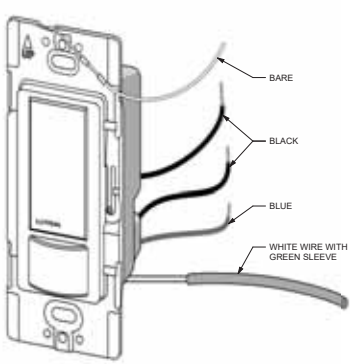
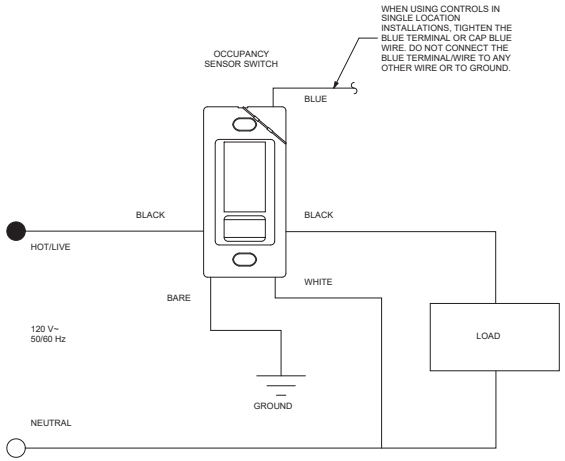
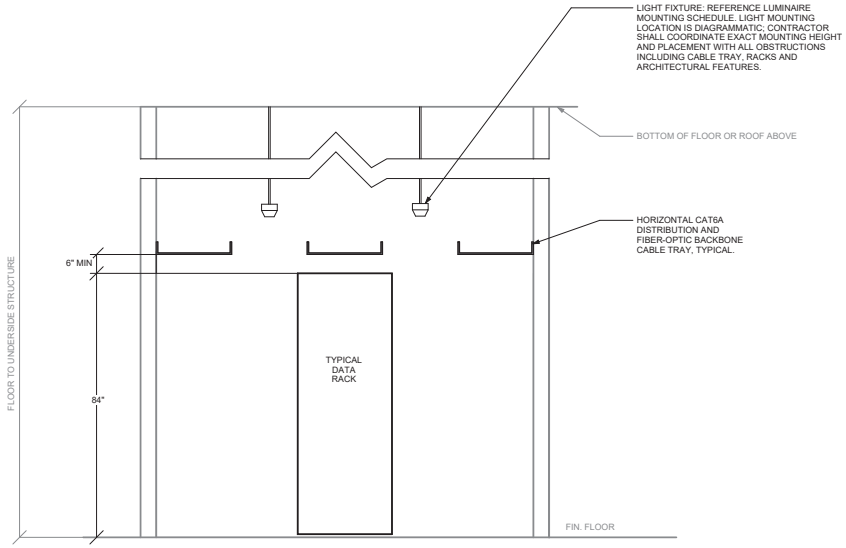


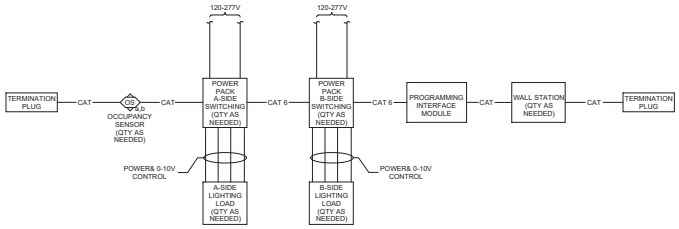


1 TYPICAL WALL SWITCH OCCUPANCY SENSOR
NTS



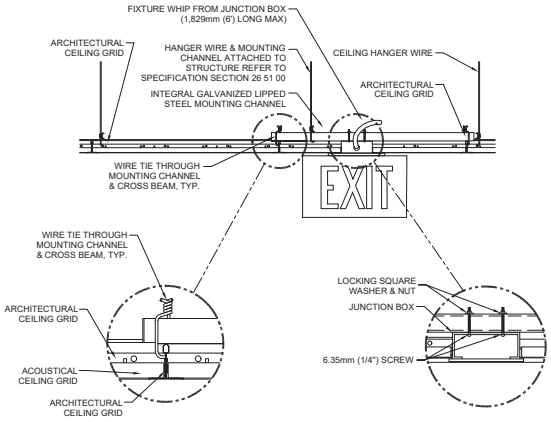
2 TYPICAL TELECOMMUNICATIONS ROOM ELEVATION
3/4" = 1'-0"

DETAIL NOTE(S):
1. REFERENCE 100 AND 400 SERIES PLANS FOR FIELD DEVICE QUANTITIES. PROVIDE CONTROL CABLING AND WIRING AS REQUIRED.
2. PROVIDE A COMPLETE AND FULLY FUNCTIONAL LIGHTING SYSTEM.



3 TYPICAL LOW-VOLTAGE SENSOR LIGHTING WIRING DIAGRAM
11-EL400a
11-EL400b
11-EL400c
NTS

4 NOT USED
NTS



5 TYPICAL EXIT SIGN INSTALLATION DETAIL
11-EL400a
11-EL400b
NTS

Revisions:	Date:

CONSULTANT/ DISCIPLINE
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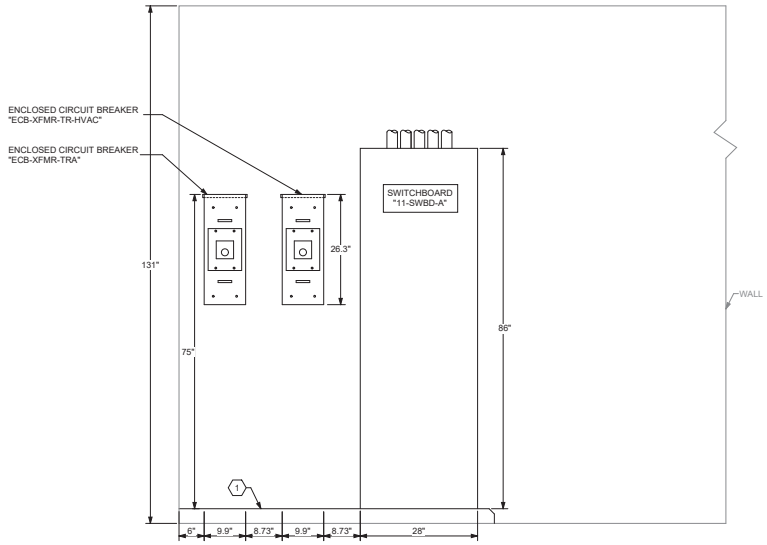
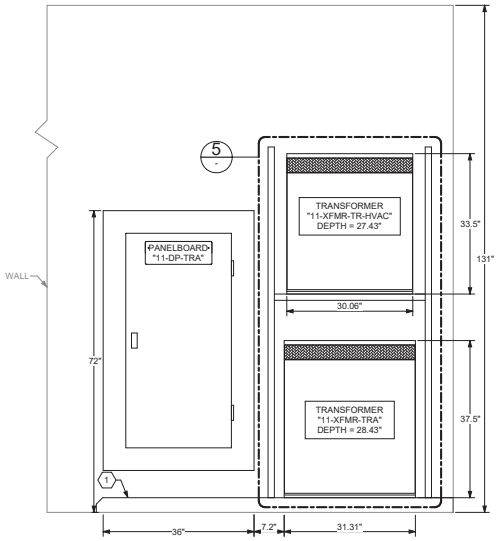
Drawing Title: ELECTRICAL DETAILS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: E-505
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	204 of 339



1 11-EP400a ELEVATION DETAIL FOR "11-SWBD-A", "11-XFMR-TR-HVAC" AND "11-XFMR-TRA"

1" = 1'-0"



2 11-EP400a ELEVATION DETAIL FOR "11-SWBD-B", 11-DP-TRA", 11-TX-DP-TRA", AND "FUSIBLE DISC."

1" = 1'-0"

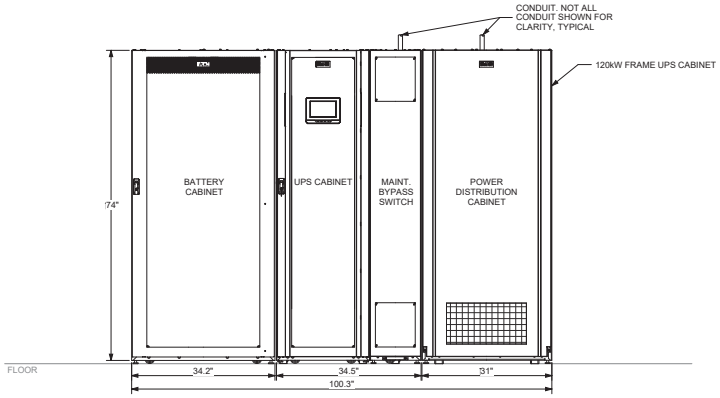
GENERAL NOTES

1. NOT ALL RACEWAYS, BOXES, OR CONNECTIONS MAY BE SHOWN FOR CLARITY. REFERENCE FLOOR PLANS FOR ADDITIONAL INFORMATION.

KEY NOTES

1. HOUSEKEEPING PAD, 5000-PSI CONCRETE, 3-1/2"H, #4 REBAR EVERY 12" ON CENTER. REFERENCE WITH CAST-IN-PLACE CONCRETE SPECIFICATION FOR ADDITIONAL INFORMATION. HOUSEKEEPING PAD SHALL EXTEND 4" BEYOND EQUIPMENT FOOTPRINT.

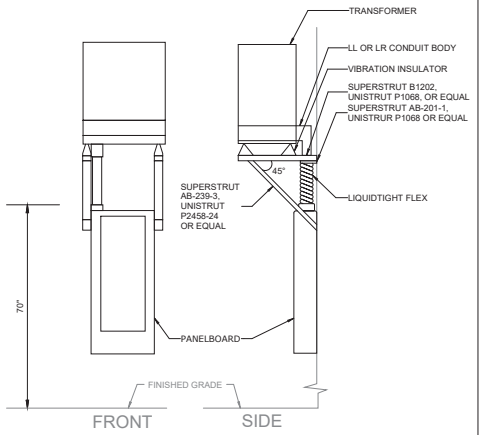
DETAIL NOTE(S):
1. UPS A AND UPS B SHALL HAVE A MIRRORED LAYOUT WITH POWER DISTRIBUTION CABINETS CLOSEST TO MAIN DISTRIBUTION AREA AND BATTERY CABINET FURTHEST AWAY.
2. MAINTENANCE BYPASS SWITCH CAN BE INSTALLED ON THE RIGHT OR LEFT OF UPS CABINET.
3. EACH CABINET DEPTH IS 42"
4. UPS IS TOP AIR EXHAUSTED.
5. UPS SHALL BE ENERGY SAVER SYSTEM (ESS) PROVIDING 99% EFFECIENCY RATING.
6. UPS SHALL SUPPORT BOTH MONITORING AND REMOTE MANAGEMENT TO INCLUDE:
   A. FULL COMPLIANCE WITH RFC-1628 - UPS MANAGEMENT INFORMATION BASE.
   B. SUPPORT SNMP V3.0, BACNET AND MODBUS PROTOCOLS.
   C. PROVIDE CONNECTION TO BMS SYSTEM VIA CAT-6A ETHERNET CONNECTION.
   D. UPS SHALL BE MANAGED AND REPORT THE FOLLOWING TO THE FACILITY BMS:
      I. OVERLOAD (CRITICAL).
      II. BATTERY TEMP (CRITICAL).
      III. LOW BATTERY.
      IV. BATTERY FAILURE (CRITICAL.)
      V. GENERAL CRITICAL ALARM (IE: FAN FAILURE, INTERNAL FAULT, BYPASS, ETC.)
7. UPS SHALL CONTAIN BATTERY MANAGEMENT SYSTEM.
8. REFERENCE SPECIFICATION 26 33 53 "STATIC UNINTERRUPTIBLE POWER SUPPLY" FOR ADDITIONAL INFORMATION.



3 11-EP400a 11-EP400e TYPICAL UPS ELEVATION

NTS

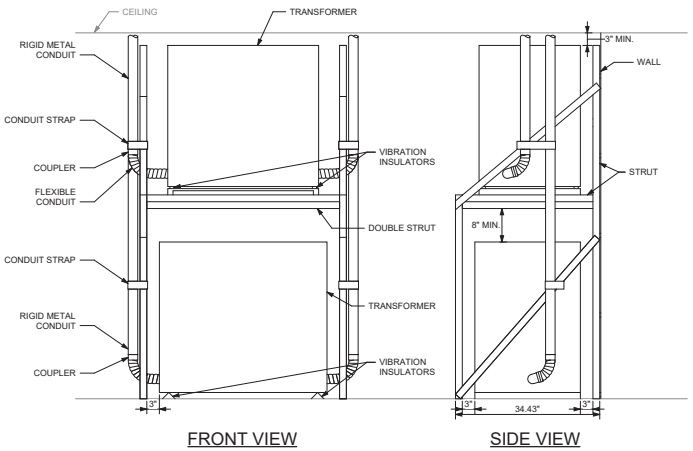
DETAIL NOTE(S):
1. TYPICAL DETAIL SHALL BE USED FOR CONSTRUCTABILITY REFERENCE. EXACT DIMENSIONS, MOUNTING SUPPORTS, AND FASTENING HARDWARE MAY DIFFER FROM FIELD INSTALLATION.
2. ALL CONDUIT NOT SHOWN FOR CLARITY.



4 46-EP101 PANELBOARD AND TRANSFORMER STACKING INSTALLATION DETAIL

NTS

DETAIL NOTE(S):
1. TYPICAL DETAIL SHALL BE USED FOR CONSTRUCTABILITY REFERENCE. EXACT DIMENSIONS, MOUNTING SUPPORTS, AND FASTENING HARDWARE MAY DIFFER FROM FIELD INSTALLATION.
2. ALL CONDUIT NOT SHOWN FOR CLARITY.



5 - TYPICAL TRANSFORMER STACKING MOUNTING DETAIL

1" = 1'-0"

Revisions:	Date:

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Drawing Title	Phase	Project Title	Project Number
ELECTRICAL DETAILS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Building Number: -
		Issue Date: 11/21/2025; Checked: SHM/SGG; Drawn: RTS/ONI	Drawing Number: E-506

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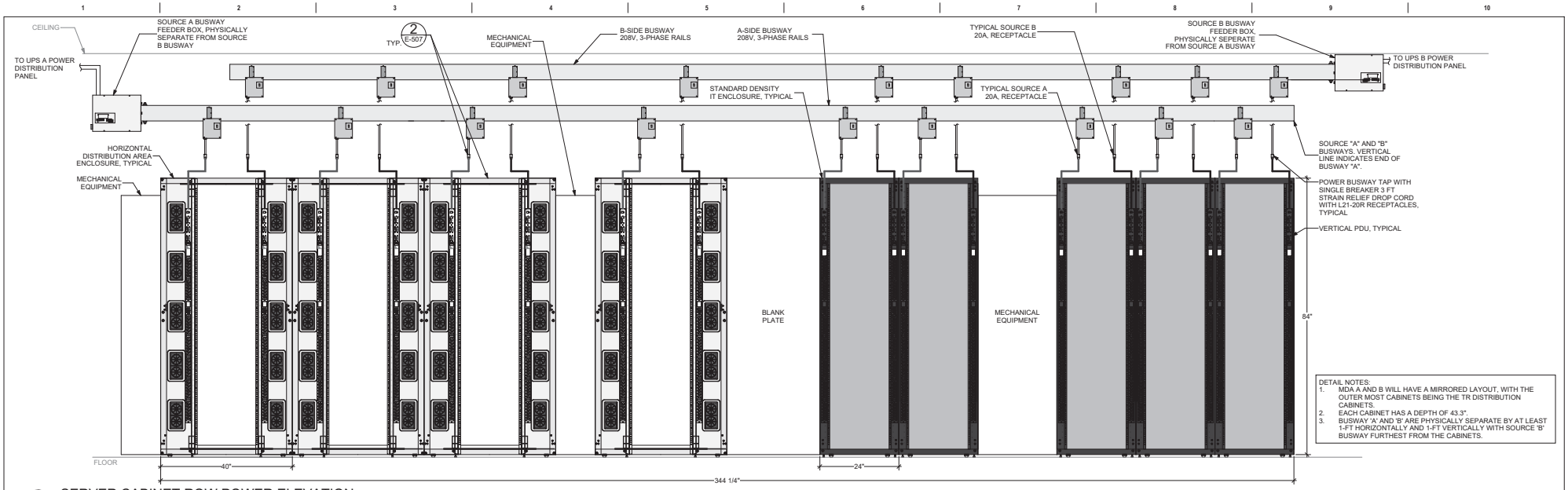
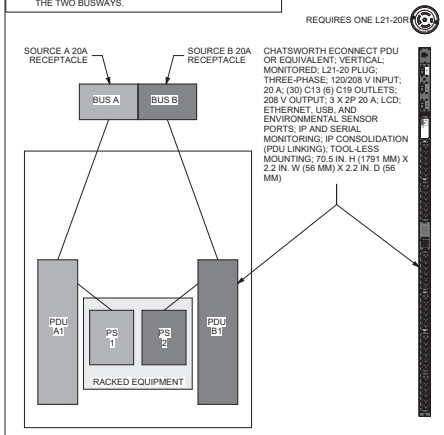


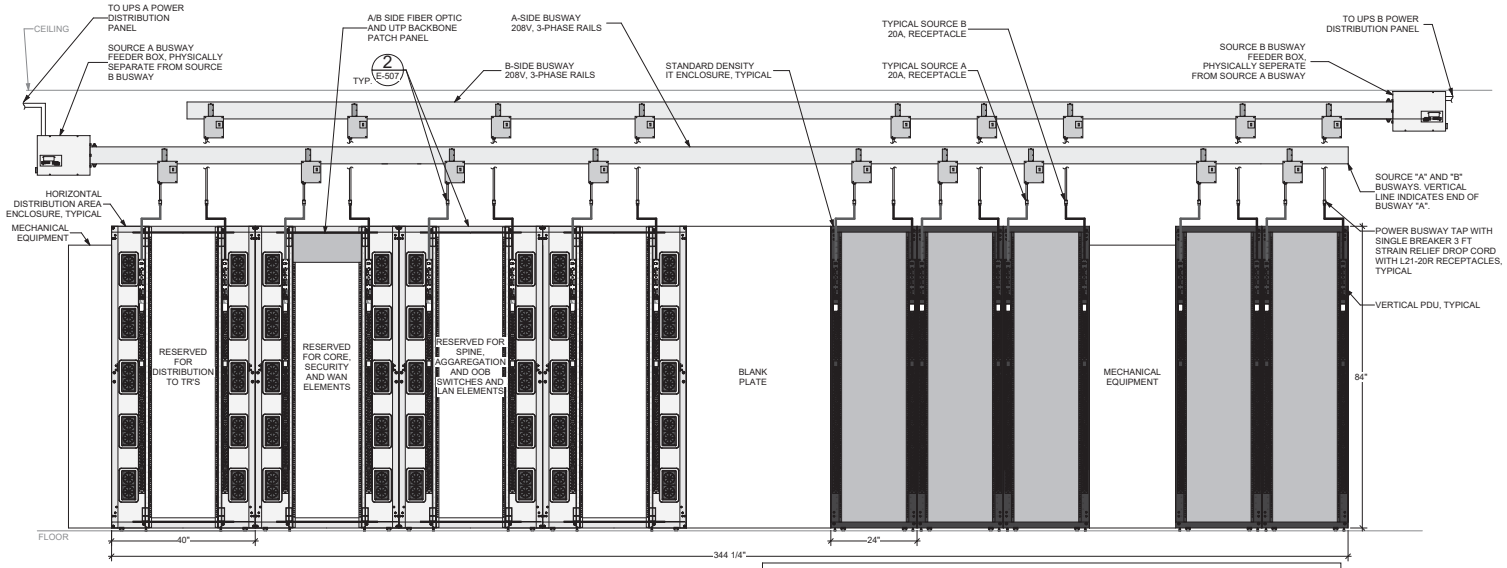
DETAIL NOTES:
1. MDA A AND B WILL HAVE A MIRRORED LAYOUT, WITH THE OUTER MOST CABINETS BEING THE TR DISTRIBUTION CABINETS.
2. EACH CABINET HAS A DEPTH OF 43.3".
3. BUSWAY 'A' AND 'B' ARE PHYSICALLY SEPARATE BY AT LEAST 1-FT HORIZONTALLY AND 1-FT VERTICALLY WITH SOURCE 'B' BUSWAY FURTHEST FROM THE CABINETS.

1 SERVER CABINET ROW POWER ELEVATION
11-EP400e 1" = 1'-0"

EACH RACK WILL CONTAIN:
1. ONE L21-20C DROP PER BUSWAY.
2. A MINIMUM OF TWO ZERO U VERTICAL RACK PDUs UTILIZING SEPARATE BUSWAY TAP INPUTS.
3. DIVERSE POWER INPUTS FOR ACTIVE EQUIPMENT ALLOWING FOR SOURCE POWER TO BE SPLIT ACROSS THE TWO BUSWAYS.



2 POWER SCHEMATIC FOR STANDARD DENSITY DATA CENTER ENCLOSURE DETAIL
NTS



DETAIL NOTES:
1. MDA A AND B WILL HAVE A MIRRORED LAYOUT, WITH THE OUTER MOST CABINETS BEING THE TR DISTRIBUTION CABINETS.
2. EACH CABINET HAS A DEPTH OF 43.3".
3. BUSWAY 'A' AND 'B' ARE PHYSICALLY SEPARATE BY AT LEAST 1' BUT ARE AT THE SAME ELEVATION WITH 'A' IN FRONT OF 'B'.

3 MDA POWER ELEVATION
11-EP400e NTS

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Drawing Title: ELECTRICAL DETAILS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: E-507
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	206 of 339

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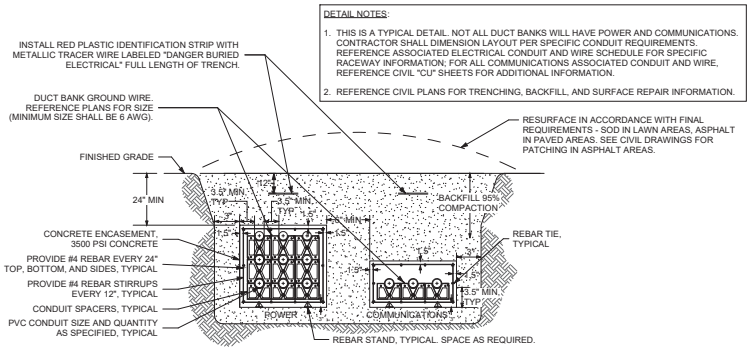
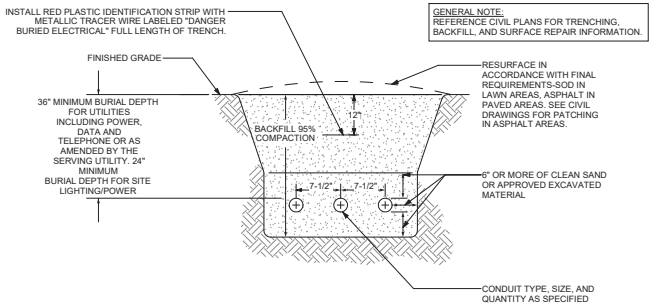
DETAIL NOTES:

1. THIS IS A TYPICAL DETAIL. NOT ALL DUCT BANKS WILL HAVE POWER AND COMMUNICATIONS. CONTRACTOR SHALL DIMENSION LAYOUT PER SPECIFIC CONDUIT REQUIREMENTS. REFERENCE ASSOCIATED ELECTRICAL CONDUIT AND WIRE SCHEDULE FOR SPECIFIC RACEWAY INFORMATION; FOR ALL COMMUNICATIONS ASSOCIATED CONDUIT AND WIRE, REFERENCE CIVIL "CU" SHEETS FOR ADDITIONAL INFORMATION.
2. REFERENCE CIVIL PLANS FOR TRENCHING, BACKFILL, AND SURFACE REPAIR INFORMATION.



1 TYPICAL CONCRETE ENCASED DUCT BANK SECTION
11-EP100 NTS



GENERAL NOTE:
REFERENCE CIVIL PLANS FOR TRENCHING, BACKFILL, AND SURFACE REPAIR INFORMATION.

2 TYPICAL TRENCHING SECTION
ES-001 NTS
02-EP101

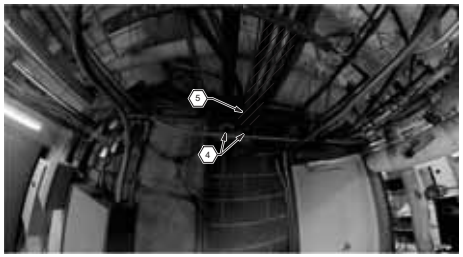
GENERAL NOTES

1. ALL DIMENSIONS FOR NEW EQUIPMENT ARE BASED ON BASIS-OF-DESIGN EQUIPMENT SELECTIONS.
2. DETAILS SHALL BE USED FOR CONSTRUCTABILITY REFERENCE. EXACT DIMENSIONS, MOUNTING SUPPORTS, AND FASTENING HARDWARE MAY DIFFER FROM FIELD INSTALLATION. CONTRACTOR SHALL PROVIDE ALL MOUNTING AND FASTENING HARDWARE AS REQUIRED.
3. NOT ALL CONDUIT MAY BE SHOWN FOR CLARITY.
4. PROVIDE SEISMIC BRACING AS REQUIRED.
5. ALL HOUSEKEEPING PADS SHALL BE 5000-PSI CONCRETE, 3-1/2"H, #4 REBAR EVERY 12" ON CENTER. COORDINATE WITH CAST-IN-PLACE CONCRETE SPECIFICATION FOR ADDITIONAL INFORMATION. HOUSEKEEPING PAD SHALL EXTEND 4" BEYOND EQUIPMENT FOOTPRINT.
6. REFERENCE ONE-LINE DIAGRAMS FOR ADDITIONAL INFORMATION.

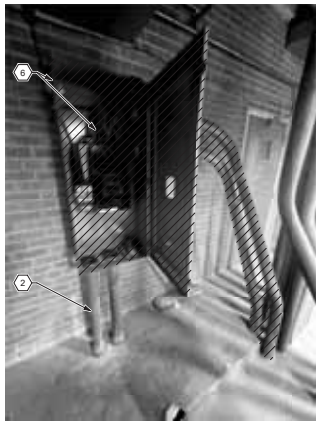
KEY NOTES

1. MODIFY PULLBOX "ATS-5" AND ROUTE CONDUCTOR THROUGH SPARE 4" UNDERGROUND CONDUIT.
2. PRESERVE AND PROTECT CONDUITS VERTICALLY PENETRATING INTO RM 28A, LEVEL 00; CONDUITS SHALL BE USED TO SERVE MCR.
3. COORDINATE CONDUIT ROUTING WITH EXISTING CONDITIONS AND OBSTRUCTIONS.
4. UTILIZE (2) SPARE 3" CONDUITS TO ROUTE CONDUCTOR FROM MECHANICAL ROOM TO ELECTRICAL ROOM 33 ON LEVEL 01.
5. CONTRACTOR SHALL DEMOLISH EXISTING ABANDONED RACEWAY AND RELATED BOXES IN MECHANICAL ROOM OF BUILDING 11, LEVEL 00.
6. DEMOLISH ABANDONED ENCLOSED BREAKER "ENC-CB". DEMOLISH CONDUCTOR AND ABOVEGROUND RACEWAY, WHERE INDICATED, BACK TO SOURCE IN BUILDING 90. UNDERGROUND RACEWAY SHALL BE CUT, CAPPED, ABANDONED, AND LABELED "SPARE" ON BOTH ENDS.

3 BUILDING 11 - PULLBOX "ATS-5" PHOTO DETAIL
11-EP100 NTS



4 BUILDING 11 - MCR CONDUIT ROUTING PHOTO DETAIL
11-EP100 NTS



5 BUILDING 11 - ENC-CB PHOTO DETAIL
11-EP401b NTS

Revisions:	Date:

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Drawing Title	Phase	Project Title	Project Number
ELECTRICAL DETAILS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: E-508
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	207 of 339

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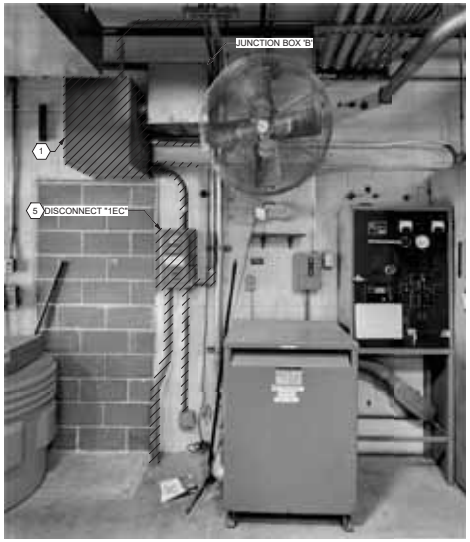

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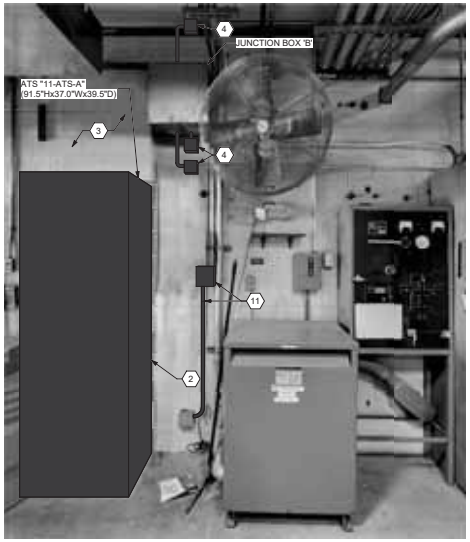
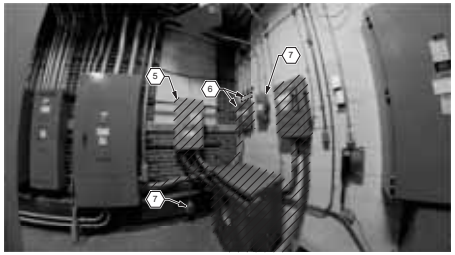


1B REVISED

1 90-EP101 BUILDING 90 - TRANSFER SWITCH "11-ATS-A" INSTALLATION PHOTO DETAIL
NTS



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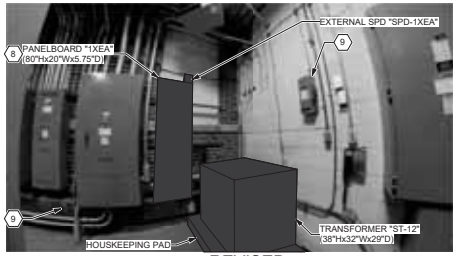
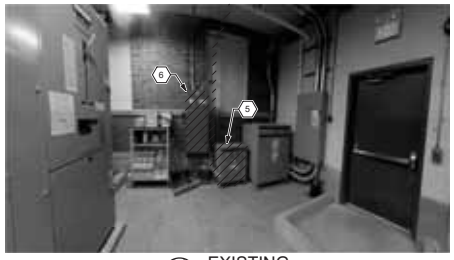
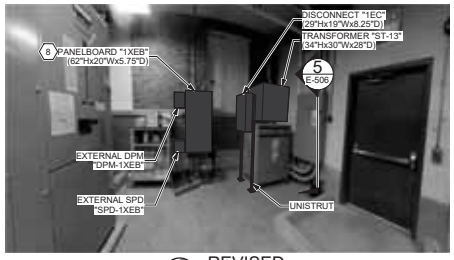


2B REVISED

2 90-EP101 BUILDING 90 - PANELBOARD "1XEA" PHOTO DETAIL
NTS



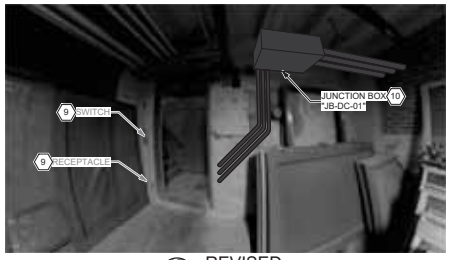
3A EXISTING



3B REVISED

3 90-EP101 BUILDING 90 - PANELBOARD "1XEB" PHOTO DETAIL
NTS

4A EXISTING



4B REVISED

4 11-EP100 BUILDING 90 - DATA CENTER CONDUIT ROUTING PHOTO DETAIL
NTS

GENERAL NOTES

1. ALL DIMENSIONS FOR NEW EQUIPMENT ARE BASED ON BASIS-OF-DESIGN EQUIPMENT SELECTIONS.
2. DETAILS SHALL BE USED FOR CONSTRUCTABILITY REFERENCE. EXACT DIMENSIONS, MOUNTING SUPPORTS, AND FASTENING HARDWARE MAY DIFFER FROM FIELD INSTALLATION. CONTRACTOR SHALL PROVIDE ALL MOUNTING AND FASTENING HARDWARE AS REQUIRED.
3. NOT ALL CONDUIT MAY BE SHOWN FOR CLARITY.
4. PROVIDE SEISMIC BRACING AS REQUIRED.
5. ALL HOUSEKEEPING PADS SHALL BE 5000-PSI CONCRETE, 3-1/2"H, #4 REBAR EVERY 12" ON CENTER. COORDINATE WITH CAST-IN-PLACE CONCRETE SPECIFICATION FOR ADDITIONAL INFORMATION. HOUSEKEEPING PAD SHALL EXTEND 4" BEYOND EQUIPMENT FOOTPRINT.

KEY NOTES

1. EXISTING JUNCTION BOX SHALL BE DEMOLISHED. PRESERVE EXISTING CONDUCTORS FOR RELOCATION TO ADJACENT JUNCTION BOX 'B'.
2. PROVIDE "11-ATS-A" AS INDICATED.
3. CONTRACTOR SHALL CAP EXISTING CONDUIT PENETRATION THROUGH WALL AND LABEL "SPARE".
4. PROVIDE JUNCTION BOX TO INTERCEPT AND EXTEND EXISTING CONDUCTORS TO JUNCTION BOX "B" AS INDICATED. PROVIDE RACEWAY AND WIRE AS REQUIRED.
5. EXISTING EQUIPMENT SHALL BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
6. EXISTING EQUIPMENT SHALL BE DEMOLISHED. PRESERVE AND PROTECT BRANCH CIRCUITS FOR RE-TERMINATION.
7. EQUIPMENT SHALL BE RELOCATED. REFERENCE REVISED DETAIL.
8. REPLACEMENT EQUIPMENT. PROVIDE RACEWAY AND CONDUCTORS TO RE-TERMINATE EXISTING BRANCH CIRCUITS AS REQUIRED.
9. RELOCATED EQUIPMENT. EXTEND RACEWAY AND CONDUCTORS AS REQUIRED.
10. PROVIDE JUNCTION BOX "JB-DC-01" (NEMA 1, LOCKABLE, WITH ID PLACARD), SIZE BOX PER NEC (MINIMUM 36"HX24"DX12"D). UTILIZE HOT-DIPPED GALVANIZED UNISTRUT AND STAINLESS-STEEL FASTENING HARDWARE TO MOUNT BOX TO STRUCTURE. COORDINATE BOX LOCATION AND CONDUIT ROUTING WITH ALL EXISTING CONDITIONS AND OBSTRUCTIONS.
11. PROVIDE JUNCTION BOX AND EXTEND EXISTING RACEWAY AND CONDUCTORS AS REQUIRED.

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL DETAILS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Project Number: 671A4-21-700

Building Number: -

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Drawing Number: E-509

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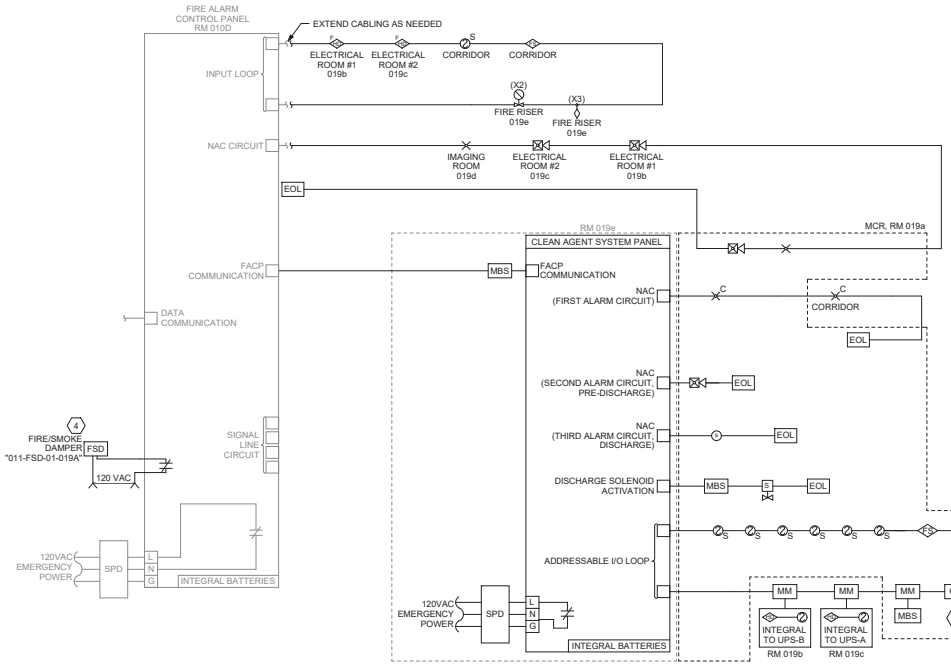

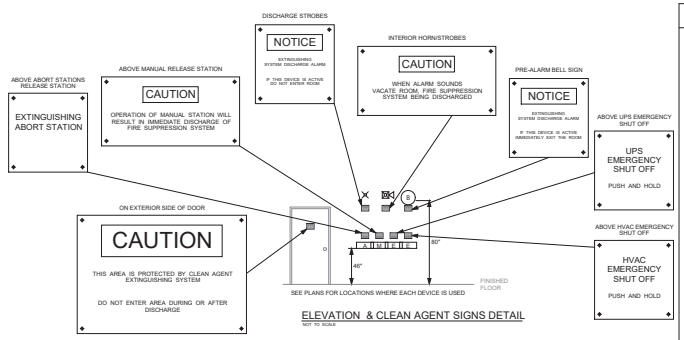

ELEVATION & CLEAN AGENT SIGNS DETAIL
NOT TO SCALE

CLEAN AGENT SIGNAGE NOTES:
1. ALL SIGNS HAVE RED BACKGROUNDS WITH WHITE LETTERS.
2. SIGNS INCLUDE FIXED ADHESIVE ON THE REVERSE SIDES FOR EASY MOUNTING.
3. SIGNS TO BE WALL MOUNTED AS INDICATED OR AT EYE LEVEL.
4. LETTERS SHALL BE MINIMUM 1 INCH (25MM) HIGH WITH A STROKE WIDTH OF 3/8 INCHES (9.5 MM).

2 TYPICAL CLEAN AGENT FIELD DEVICE SIGNAGE DETAIL
11-EF400b NTS

GENERAL NOTES

1. FIRE ALARM DETAILS ARE PROVIDED FOR GENERAL FUNCTIONAL REQUIREMENTS ONLY; CONTRACTOR SHALL PROVIDE ALL REQUIRED EQUIPMENT, RACEWAYS, CABLING, CONNECTIONS, PROGRAMMING, AND COMMISIONING. COORDINATE WITH MECHANICAL, FIRE ALARM SYSTEM VENDOR, AND CLEAN AGENT SYSTEM VENDOR AS REQUIRED. CONTRACTOR SHALL PROVIDE FIRE ALARM SHOP DRAWINGS REVIEWED AND STAMPED BY A LICENSED FIRE PROTECTION ENGINEER. REFERENCE SPECIFICATIONS 21 22 00, 28 31 00, AND DIVISION 26 FOR ALL REQUIREMENTS TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
2. REFERENCE SHEETS 11-EF400a, 11-EF400b, AND 11-EF400c FOR DEVICE QUANTITIES AND LOCATIONS. DEVICE LOCATIONS AND QUANTITIES MAY CHANGE DEPENDING ON SYSTEM SELECTED. CONTRACTOR SHALL PROVIDE A COMPLETE SUBMITTAL INCLUDING, BUT NOT LIMITED TO: FUNCTIONAL NARRATIVE, WIRING DIAGRAMS, SHOP DRAWINGS, BILL OF MATERIALS, AND RED-LINED FLOOR PLANS STAMPED BY A LICENSED FIRE PROTECTION ENGINEER INDICATING INSTALLATION LOCATIONS FOR REVIEW PRIOR TO COMMENCING WORK.
3. COORDINATE WITH VA RESIDENT ENGINEER, FIRE ALARM CONTRACTOR, AND MECHANICAL CONTRACTOR AS REQUIRED.
4. DATA CENTER FIRE PROTECTION SHALL ADHERE TO NFPA 75. AUTOMATIC DETECTION SHALL BE PROVIDED BY SMOKE DETECTORS (LOCATE AND PROVIDE QUANTITY AS REQUIRED); AUTOMATIC ACTUATION AND NOTIFICATION SHALL BE PROVIDED BY FIRE ALARM SYSTEM. REFERENCE SPECIFICATIONS 21 22 00 AND 28 31 00 FOR ADDITIONAL INFORMATION.
5. COORDINATE WITH EXISTING FACILITY INFRASTRUCTURE, EQUIPMENT, NATIONAL/LOCAL CODES AND MANUFACTURER TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM AS REQUIRED.
6. ALL WIRING SHALL BE ROUTED IN 3/4" CONDUIT (MINIMUM SIZE). ALL RACEWAYS AND BOXES SHALL BE COLORED RED.
7. COORDINATE WITH MECHANICAL DRAWINGS FOR CLEAN AGENT SYSTEM PANEL CONNECTIONS AND REQUIREMENTS.

KEY NOTES

1. PROVIDE RACEWAYS AND CONDUCTORS TO ACTIVATE SHUNT-TRIP CIRCUIT BREAKERS SUPPLYING POWER TO ALL HVAC EQUIPMENT SUPPORTING MCR. REFERENCE ONE-LINE DIAGRAM ON SHEET 11-EP609 FOR ADDITIONAL INFORMATION.
2. PROVIDE RACEWAYS AND CONDUCTORS TO DEACTIVATE MCR UPSs. REFERENCE ONE-LINE DIAGRAM ON SHEET 11-EP609 FOR ADDITIONAL INFORMATION.
3. PROVIDE RACEWAYS AND CONDUCTORS TO ACTIVATE SHUNT-TRIP CIRCUIT BREAKERS SUPPLYING POWER TO ALL INFORMATION TECHNOLOGY EQUIPMENT (ITE) SUPPORTING MCR, INCLUDING BUT NOT LIMITED TO, MCR UPSs. REFERENCE ONE-LINE DIAGRAM ON SHEET 11-EP609 FOR ADDITIONAL INFORMATION.
4. FIRE SMOKE DAMPER IS REQUIRED TO BE SHUT BY THE DETECTION OF SMOKE AS WELL AS BY THE DISCONNECTING MEANS REQUIRED BY NFPA 75 SECTION 11.4.5.

OUTPUT

INPUT DEVICE	1. Sound general building alarm (voice evacuation signal where required). Cancel per VA/FPM/DM Section 7.2.1.	2. Notify necessary staff for response for Health Care, Ambulatory Health Care, and High Rise buildings only (alarms signal may be different on adhesive floors)	3. Notify Fire Department.	4. Initiate supervisory signal for a 24 hour/ 7 day a week for immediate response.	5. Close associate smoke barrier doors on the floor.	6. Close dampers on fan or smoke detection.	7. Shutdown air handler powered by the detection.	8. Recall elevator.	9. Initiate the elevator (shutdown and disconnect) elevator power.	10. Open locked egress doors on floor of fire origin.	11. Disconnect fuel source those cooking equipment.
Duct Smoke Detector				X		X	X				
Area Smoke Detector	X	X	X							X	
Door Release Smoke Detector					N/A						
Elevator Smoke Detector					N/A						
Manual Pull Station	X	X	X	X						X	
Elevator Machine Room Heat Detector					N/A						
Generator Room Heat Detector	X	X	X							X	
Sprinkler Waterflow / Pressure Switch	X	X	X	X						X	
Water Control Valve Tamper				N							
Fire Pump (Any Alarm Condition Required by NFPA 20)					N/A						
High/Low Pressure Dry-Pipe Sprinkler System					N/A						
Kitchen Hood Suppression System					N/A						
Gas Extinguishing Systems	X	X	X	X						X	
Dry-Pipe Valve Room Temperature Alarm					N/A						
Dedicated Fire Water Storage Tank Low Level					N/A						
Dedicated Fire Water Storage Tank Low Temperature					N/A						

CLEAN AGENT FIRE SUPPRESSION SYSTEM (CAFSS) OPERATION MATRIX

INPUTS	OUTPUTS																		NOTES
[illegible]		X				X													
[illegible]	X			X	X														
[illegible]				X				X	X	X	X	X		X			X	X	(1)
[illegible]		X							X										
[illegible]	X				X			X	X	X	X	X					X	X	(2)
[illegible]			X				X	X											
[illegible]			X																
[illegible]			X				X												
[illegible]			X				X				X	X							(3)
[illegible]											X	X			X				
[illegible]		X				X													
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[illegible]			X				DISABLED												
[illegible]			X		X														(1)
[illegible]			BLOCKED																(4)
[illegible]																		X	
[illegible]																			(5)
[illegible]			X																
[illegible]																		X	(6)

NOTES:
[illegible]

1 DATA CENTER FIRE ALARM RISER DIAGRAM AND I/O MATRIX
NTS

Revisions:	Date:

CONSULTANT/ DISCIPLINE
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VA U.S. Department of Veterans Affairs

Drawing Title	DATA CENTER FIRE ALARM RISER DIAGRAM AND I/O MATRIX
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	-
Drawing Number	EF601

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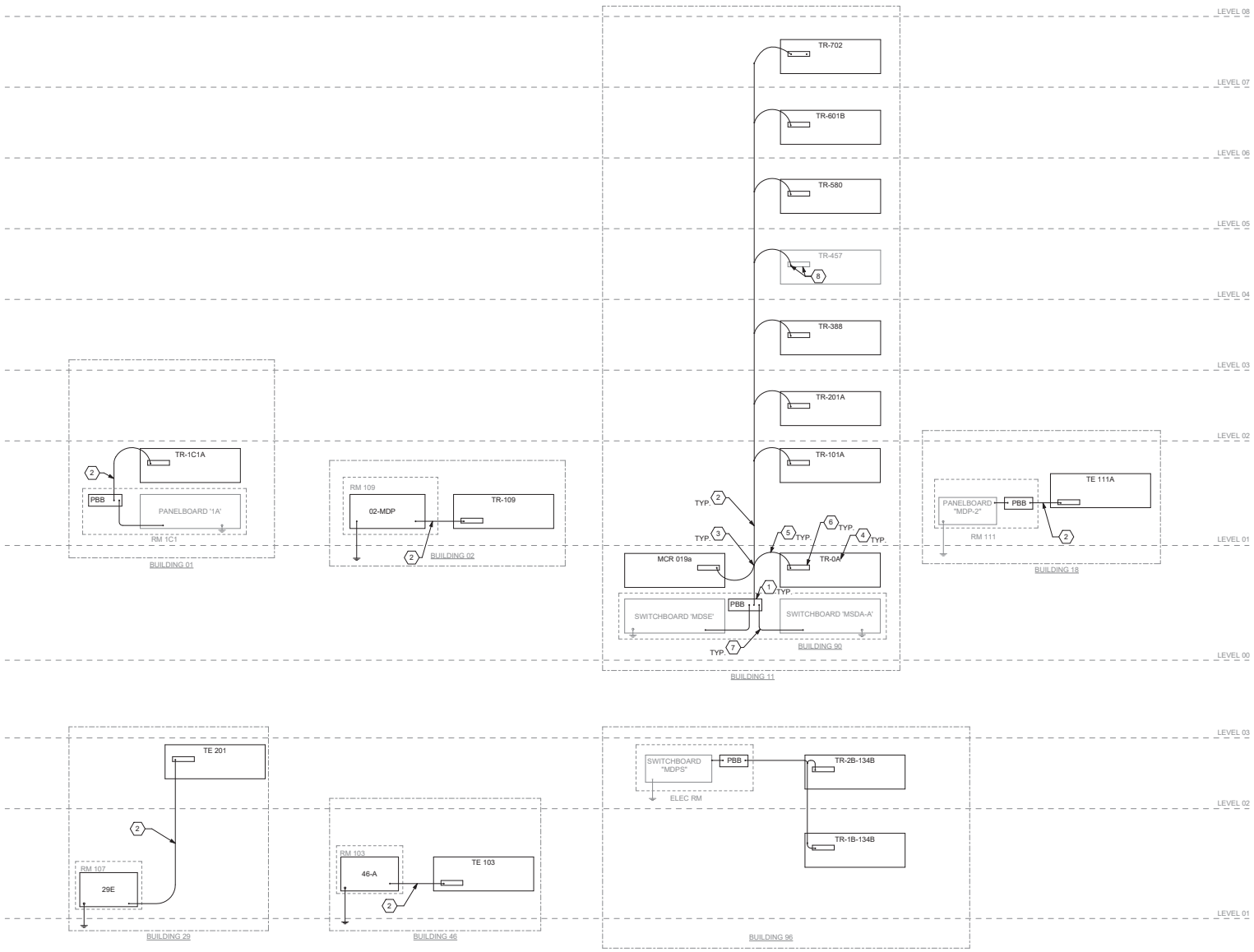

1 TELECOMMUNICATIONS BONDING RISER DIAGRAM
NTS

GENERAL NOTES

1. ALL BONDING CONDUCTORS, INCLUDING TBB, SHALL FOLLOW SIZING AND INSTALLATION REQUIREMENTS SPECIFIED IN ANSI/TIA-607-E.
2. CONTRACTOR SHALL PROVIDE ALL REQUIRED BONDING, CONDUCTORS, AND PATHWAYS FOR TELECOMMUNICATIONS SYSTEM BONDING PER ANSI/TIA-607-E. ALL EXISTING TELECOMMUNICATIONS BONDING FOR EQUIPMENT BEING REMOVED SHALL BE DEMOLISHED. PROVIDE ALL PATCHING, REPAIR AND FIREPROOFING FOR REMOVAL OF ALL EXISTING EQUIPMENT AND CONDUCTORS AND NEW INSTALLATIONS AS REQUIRED.
3. ALL BONDING CONDUCTORS SHALL HAVE GREEN INSULATION AND SHALL BE ROUTED THROUGH CONDUIT FOR PROTECTION.
4. ALL BONDING CONDUCTORS SHALL HAVE LABELS AT EACH END (TEMINATION POINT); LABEL SHALL READ AS FOLLOWS: "IF CONNECTION OR CONDUCTOR IS LOOSE OR MUST BE REMOVED, NOTIFY OPERATIONS STAFF".

KEY NOTES

1. PROVIDE PRIMARY BONDING BUSBAR (PBB). WHERE EXISTING PBB EXISTS, CONTRACTOR SHALL REPLACE; CONTRACTOR TO FIELD VERIFY EXISTING LOCATION. PROVIDE ALL BONDING CONNECTIONS AS REQUIRED.
2. PROVIDE TELECOMMUNICATIONS BONDING BACKBONE (TBB) CONDUCTOR AS INDICATED. CONTRACTOR SHALL ROUTE AND PROVIDE ALL REQUIRED PATHWAYS FOR TBB AS REQUIRED. EXISTING TBB SHALL BE DEMOLISHED AND REMOVED; PROVIDE ALL PATCHING, REPAIR AND FIREPROOF SEALING AS REQUIRED.
3. PROVIDE IRREVERSIBLE CRIMP CONNECTOR, UL LISTED.
4. TELECOMMUNICATIONS ROOM. REFER TO ENLARGED FLOOR PLANS FOR ADDITIONAL INFORMATION.
5. PROVIDE SECONDARY BONDING CONDUCTOR (SBC) TO CONNECT SBB TO TBB. MINIMUM SIZE SHALL BE 6 AWG.
6. PROVIDE SECONDARY BONDING BUSBAR (SBB). PROVIDE TELECOMMUNICATIONS EQUIPMENT BONDING CONDUCTOR (TEBC) TO BOND SBB TO THE FOLLOWING EQUIPMENT: DATA RACK, CABLE TRAY, TR CONDUITS, ELECTRO-STATIC FLOORING, ELECTRICAL PANEL ETC. REFERENCE SHEET EP504 FOR ADDITIONAL BONDING INFORMATION.
7. PROVIDE TELECOMMUNICATIONS BONDING CONDUCTOR (TBC) TO BOND TO BUILDING ELECTRICAL SERVICE EQUIPMENT GROUNDING BUSBAR. MINIMUM CONDUCTOR SIZE SHALL BE 3 AWG.
8. RE-USE EXISTING SECONDARY BONDING BUSBAR AS INDICATED.

TBB/SBC SIZING SCHEDULE (ANSI/TIA-607-E)

TBB/SBC LINEAR LENGTH IN FEET	CONDUCTOR SIZE IN AWG
LESS THAN 13	6
14 - 20	4
21 - 26	3
27 - 33	2
34 - 41	1
42 - 52	1/0
53 - 66	2/0
67 - 84	3/0
85 - 105	4/0
106 - 125	250 kcmil
126 - 150	300 kcmil
151 - 175	350 kcmil
176 - 250	500 kcmil
251 - 300	600 kcmil
GREATER THAN 301	750 kcmil

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Drawing Title: TELECOMMUNICATIONS BONDING RISER DIAGRAM
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: SHM/SGG
Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: -
Drawing Number: EG601
210 of 339

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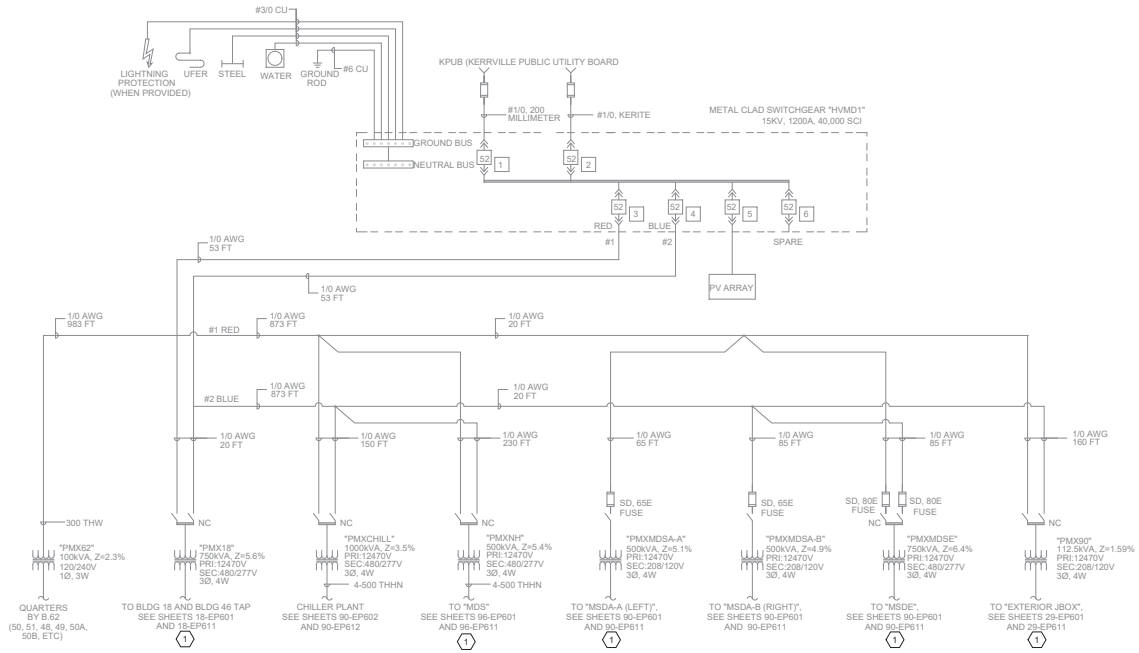

1 MEDUIM VOLTAGE ONE-LINE DIAGRAM
NTS

GENERAL NOTES

1. SHEET PROVIDED FOR REFERENCE ONLY.

KEY NOTES

1. ADDITIONAL LOAD HAS BEEN ADDED TO FEEDER. REFERENCE CONTINUED ONE-LINE DIAGRAM AS INDICATED ON DRAWING.

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Drawing Title: CAMPUS - ONE-LINE DIAGRAM

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Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: -

Drawing Number: 00-EP611

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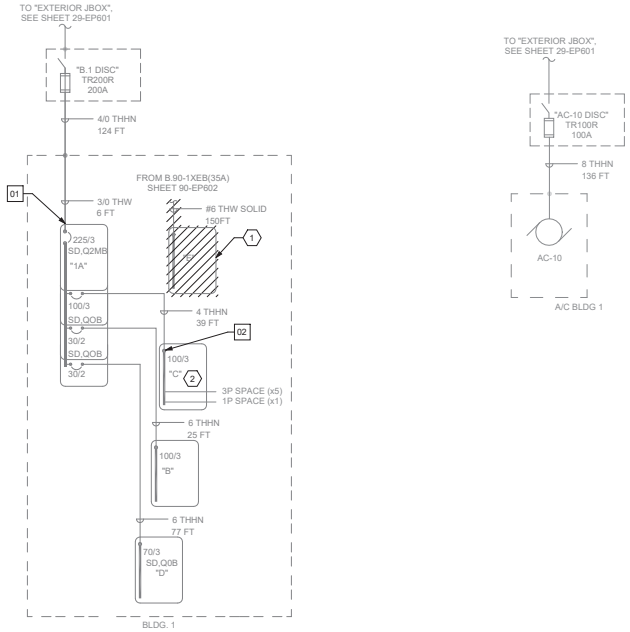

1 BLDG 01 - ONE-LINE DIAGRAM - EXISTING
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. EXISTING PANELBOARD AND ASSOCIATED INCOMING FEEDER SHALL BE DEMOLISHED AND REPLACED. PRESERVE AND PROTECT EXISTING BRANCH CIRCUITS FOR RE-TERMINATION TO REVISED EQUIPMENT. REFERENCE SHEET 01-EP611 FOR ADDITIONAL INFORMATION.
2. EXISTING SPACES SHALL BE UTILIZED FOR ADDED LOAD. REFERENCE REVISED ONE-LINE DIAGRAM ON SHEET 01-EP611 FOR ADDITIONAL INFORMATION.

POWER DATA RETRIEVAL NOTES

01 POWER DATA RETRIEVAL POINT: EXISTING PANELBOARD "1A" MAIN HAS BEEN METERED. REFERENCE PANELBOARD "1A" METERING AND LOAD INFORMATION SCHEDULE ON SHEET 01-EP701 FOR ADDITIONAL INFORMATION.

02 POWER DATA RETRIEVAL POINT: EXISTING PANELBOARD "C" MAIN HAS BEEN METERED. REFERENCE PANELBOARD "C" METERING AND LOAD INFORMATION SCHEDULE ON SHEET 01-EP701 FOR ADDITIONAL INFORMATION.

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Drawing Title: BLDG 01 - ONE-LINE DIAGRAM - EXISTING
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Phase: 100% CONSTRUCTION DOCUMENTS
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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
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Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 01
Drawing Number: 01-EP601

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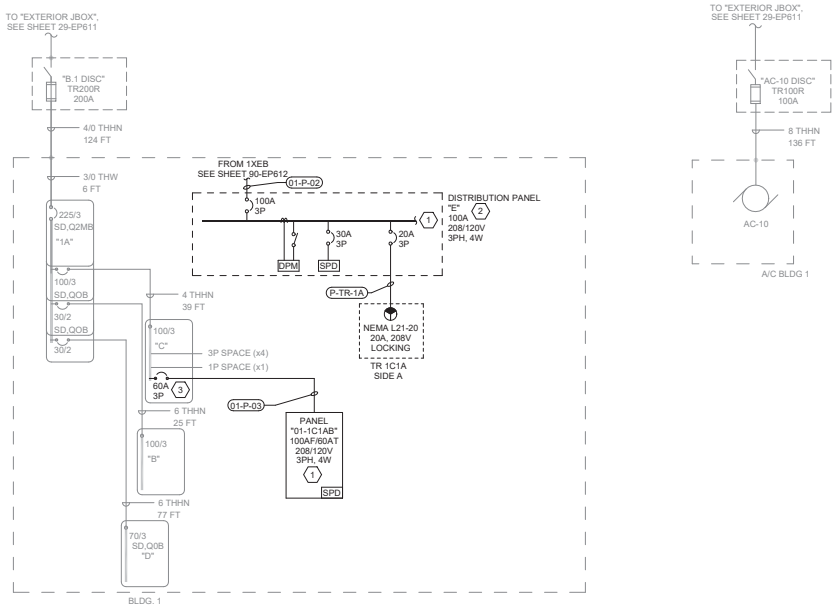

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. REFERENCE ASSOCIATED PANEL SCHEDULE ON SHEET 01-EP601 FOR ADDITIONAL INFORMATION.
2. PROVIDE REPLACEMENT PANELBOARD AND INCOMING FEEDER AS INDICATED. PROVIDE RACEWAY AND CONDUCTOR TO RE-TERMINATE ALL EXISTING BRANCH CIRCUITS AS REQUIRED.
3. PROVIDE OVERCURRENT PROTECTION AND FEEDER AS INDICATED FOR ADDED EHRM LOAD.

1 - BLDG 01 - ONE-LINE DIAGRAM - REVISED
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Drawing Title: BLDG 01 - ONE-LINE DIAGRAM - REVISED
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: SHM/SGG
Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 01
Drawing Number: 01-EP611
213 of 339

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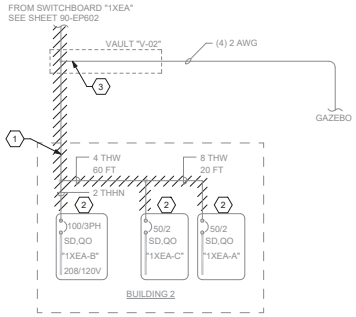

1 - BLDG 02 - ONE-LINE DIAGRAM - EXISTING

NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. EXISTING RACEWAYS AND CONDUCTORS SHALL BE DEMOLISHED BACK TO SOURCE. REFERENCE ASSOCIATED REVISED ONE-LINE DIAGRAM ON SHEET 02-EP611 FOR ADDITIONAL INFORMATION.
2. EXISTING PANELBOARD SHALL BE RE-FED. REFERENCE ASSOCIATED REVISED ONE-LINE DIAGRAM ON SHEET 02-EP611 FOR ADDITIONAL INFORMATION.
3. EXISTING CONDUCTOR TO GAZEBO SHALL BE RE-FED. PRESERVE AND PROTECT CONDUCTOR.

Revisions:	Date:

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Drawing Title: BLDG 02 - ONE-LINE DIAGRAM - EXISTING

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 02

Drawing Number: 02-EP601

VA FORM 08 - 6231

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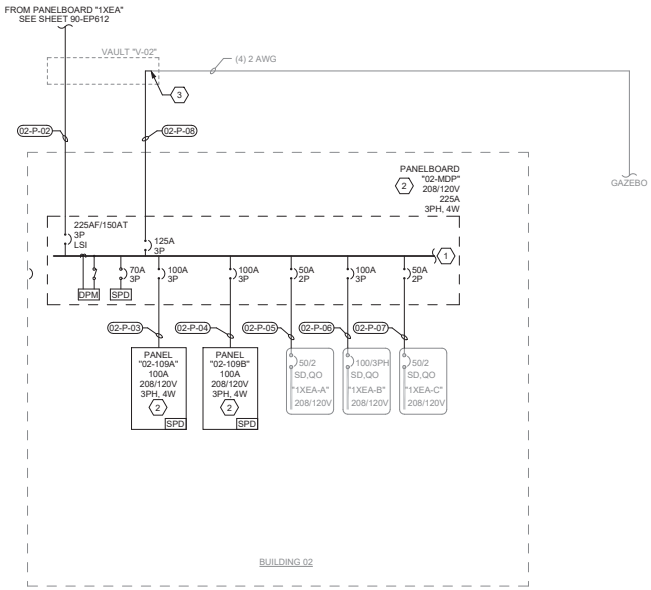

1 BLDG 02 - ONE-LINE DIAGRAM - REVISED
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. REFERENCE ASSOCIATED PANEL SCHEDULE ON SHEET 02-EP701 FOR ADDITIONAL INFORMATION.
2. PROVIDE GROUNDING ELECTRODE CONDUCTOR TO CONNECT PANELBOARD "02-MDP" TO EXISTING GROUNDING ELECTRODE SYSTEM.
3. PROVIDE SPLICE KIT TO EXTEND FEEDER TO REPLACEMENT PANELBOARD "02-MDP".

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 02 - ONE-LINE DIAGRAM - REVISED
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: SHM/SGG
Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 02
Drawing Number: 02-EP611

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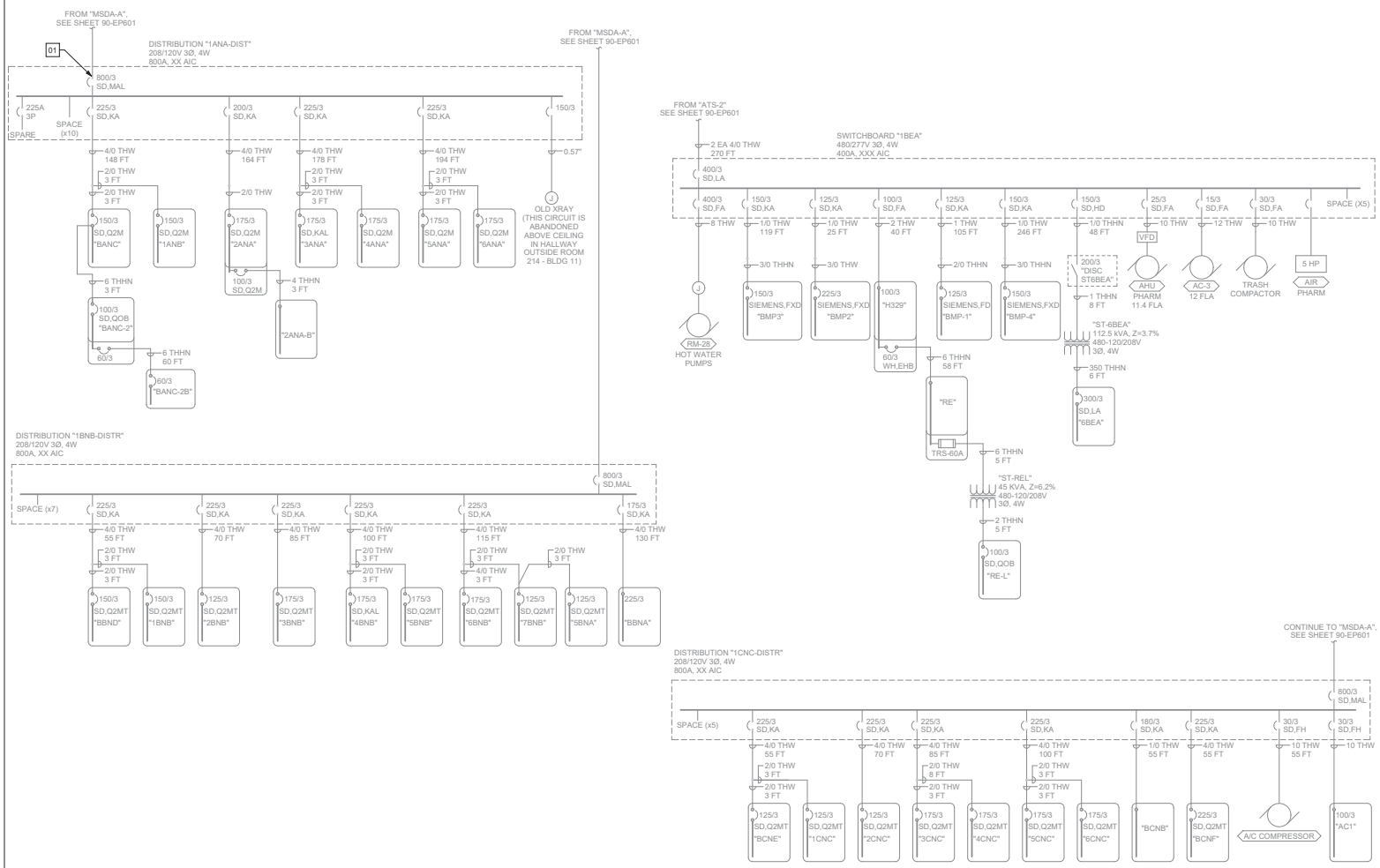

1 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 1 - PART 1 OF 3
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

POWER DATA RETRIEVAL NOTES

01 POWER DATA RETRIEVAL POINT: EXISTING DISTRIBUTION PANEL "1ANA" HAS BEEN METERED. REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE ON SHEET 11-EP705 FOR ADDITIONAL INFORMATION.

Revisions:	Date:

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U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - ONE-LINE DIAGRAM - PHASE 1 - PART 1 OF 3

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: SHM/SGG | Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 11

Drawing Number: 11-EP601

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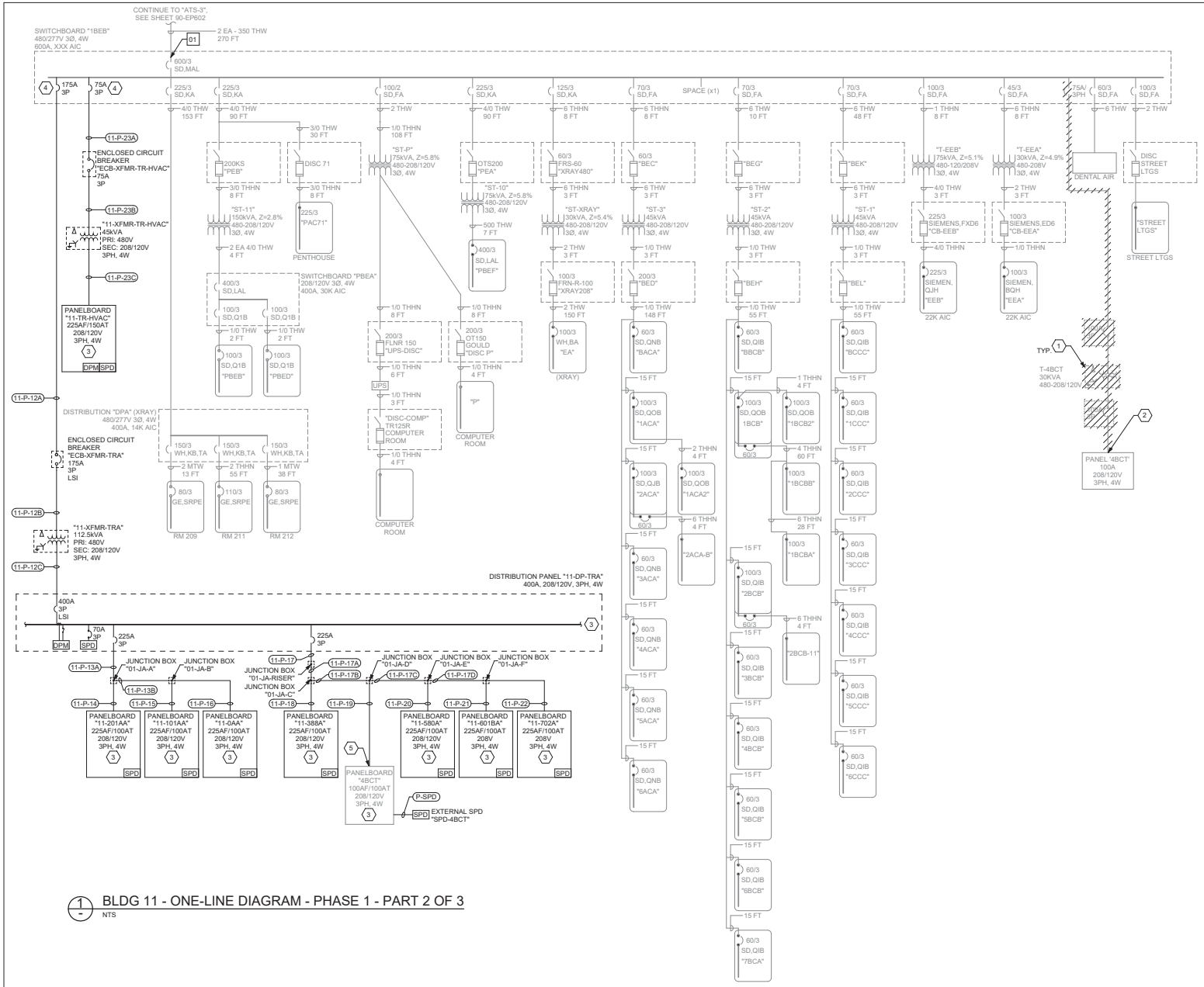

1 BLDG 11 - ONE-LINE DIAGRAM - PHASE 1 - PART 2 OF 3
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. EXISTING EQUIPMENT AND ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED AS INDICATED.
2. EXISTING PANELBOARD SHALL BE RE-FED. REFERENCE KEY NOTE 5 ON THIS SHEET FOR ADDITIONAL INFORMATION.
3. REFERENCE ASSOCIATED PANEL SCHEDULES ON SHEETS 11-EP701, 11-EP702, 11-EP703, 11-EP704, 11-EP705, AND 11-EP706 FOR ADDITIONAL INFORMATION.
4. PROVIDE OVERCURRENT PROTECTION AND FEEDER AS INDICATED FOR ADDED EHRM LOAD.
5. PROVIDE RACEWAYS AND CONDUCTORS TO RE-FEED EXISTING PANELBOARD "4BCT" FROM PANELBOARD "11-DP-TRA" RISER CIRCUIT AS INDICATED.

POWER DATA RETRIEVAL NOTES

01 POWER DATA RETRIEVAL POINT: EXISTING DISTRIBUTION PANEL "1BEB" HAS BEEN METERED. REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE ON SHEET 11-EP703 FOR ADDITIONAL INFORMATION.

Revisions:	Date:

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Drawing Title: BLDG 11 - ONE-LINE DIAGRAM - PHASE 1 - PART 2 OF 3

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 11

Drawing Number: 11-EP602

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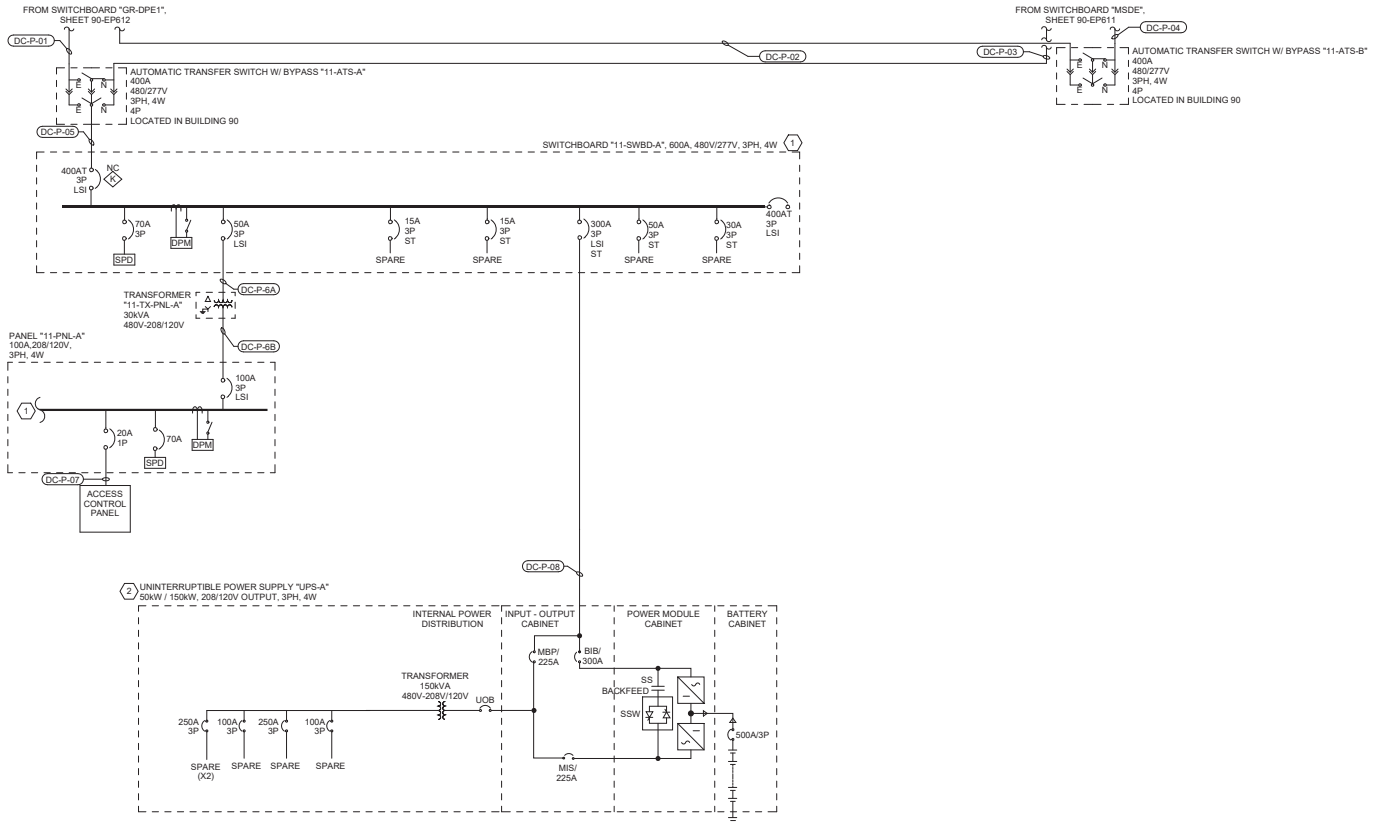

1 BLDG 11 - ONE-LINE DIAGRAM - PHASE 1 - PART 3 OF 3
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. REFERENCE ASSOCIATED PANEL SCHEDULES ON SHEETS 11-EP701, 11-EP702, 11-EP703, 11-EP704, 11-EP705, AND 11-EP706 FOR ADDITIONAL INFORMATION.
2. UNIT SHALL BE RATED FOR 50kW AND HAVE ABILITY TO BE EXPANDED TO 150kW. UNIT SHALL BE PROVIDED WITH AN INPUT-OUTPUT CABINET WITH MAINTENANCE BYPASS, POWER MODULE SECTION, BATTERY CABINET SECTION, AND INTEGRAL K-13 RATED TRANSFORMER. UNIT MINIMUM RUNTIME SHALL BE 10 MINUTES; UNIT SHALL BE PROVIDED WITH EMERGENCY SHUTDOWN CAPABILITY; IT SHALL RECEIVE INPUT FROM REMOTE PUSHBUTTONS AND SIGNAL FROM FIRE ALARM SYSTEM TO DEACTIVATE POWER INPUT AND OUTPUT.

Revisions:	Date:

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Drawing Title: BLDG 11 - ONE-LINE DIAGRAM - PHASE 1 - PART 3 OF 3
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: SHM/SGG
Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11-EP603
218 of 339

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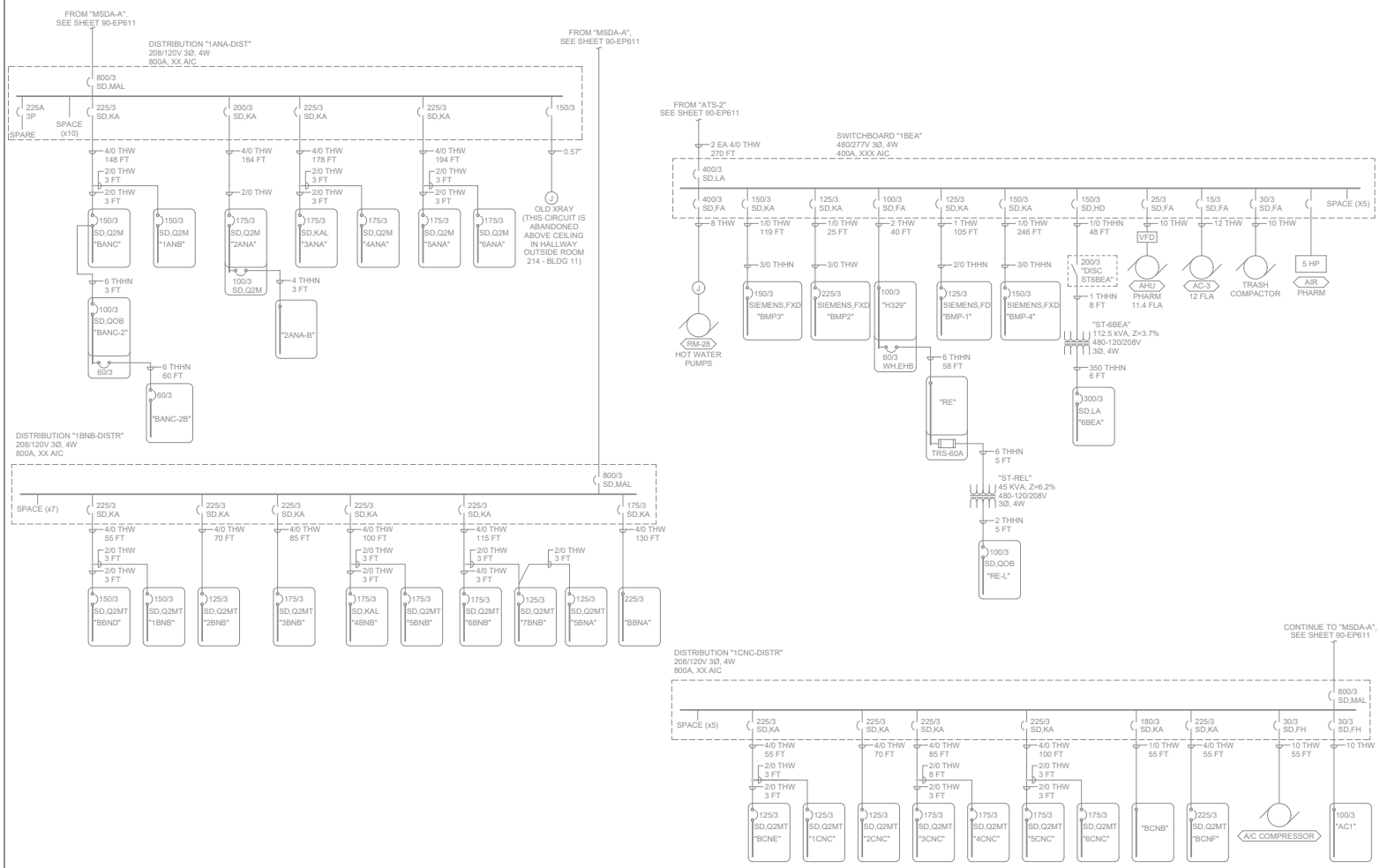

1 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 2 - PART 1 OF 3
NTS

GENERAL NOTES

1. SHEET INCLUDED FOR PHASING REFERENCE ONLY.

KEY NOTES

Revisions:	Date:

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Drawing Title: BLDG 11 - ONE-LINE DIAGRAM - PHASE 2 - PART 1 OF 3

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 11

Drawing Number: 11-EP604

219 of 339

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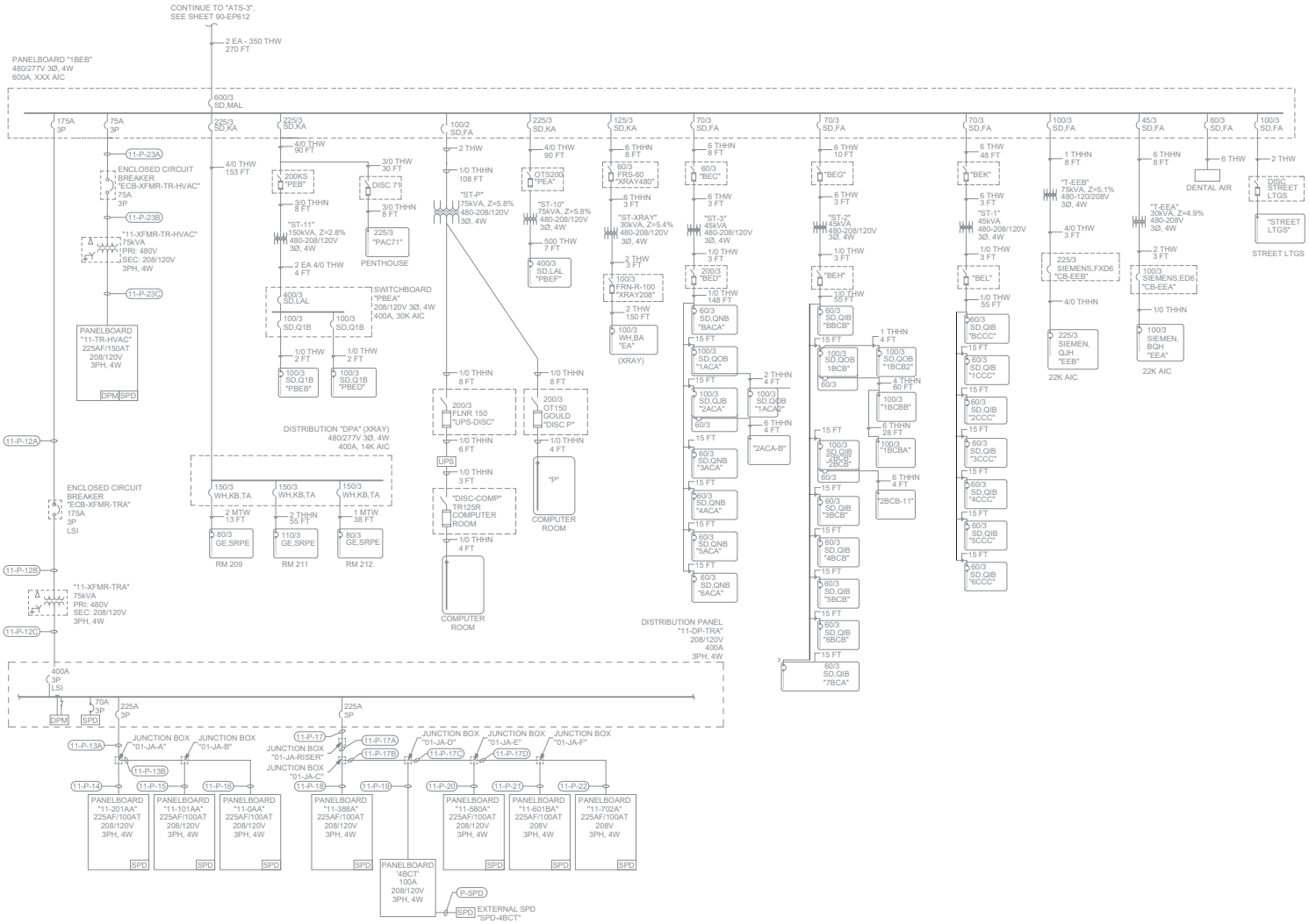

1 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 2 - PART 2 OF 3
NTS

GENERAL NOTES

1. SHEET INCLUDED FOR PHASING REFERENCE ONLY.

KEY NOTES

Revisions:	Date:

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Drawing Title: BLDG 11 - ONE-LINE DIAGRAM - PHASE 2 - PART 2 OF 3

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: SHM/SGG | Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 11

Drawing Number: 11-EP605

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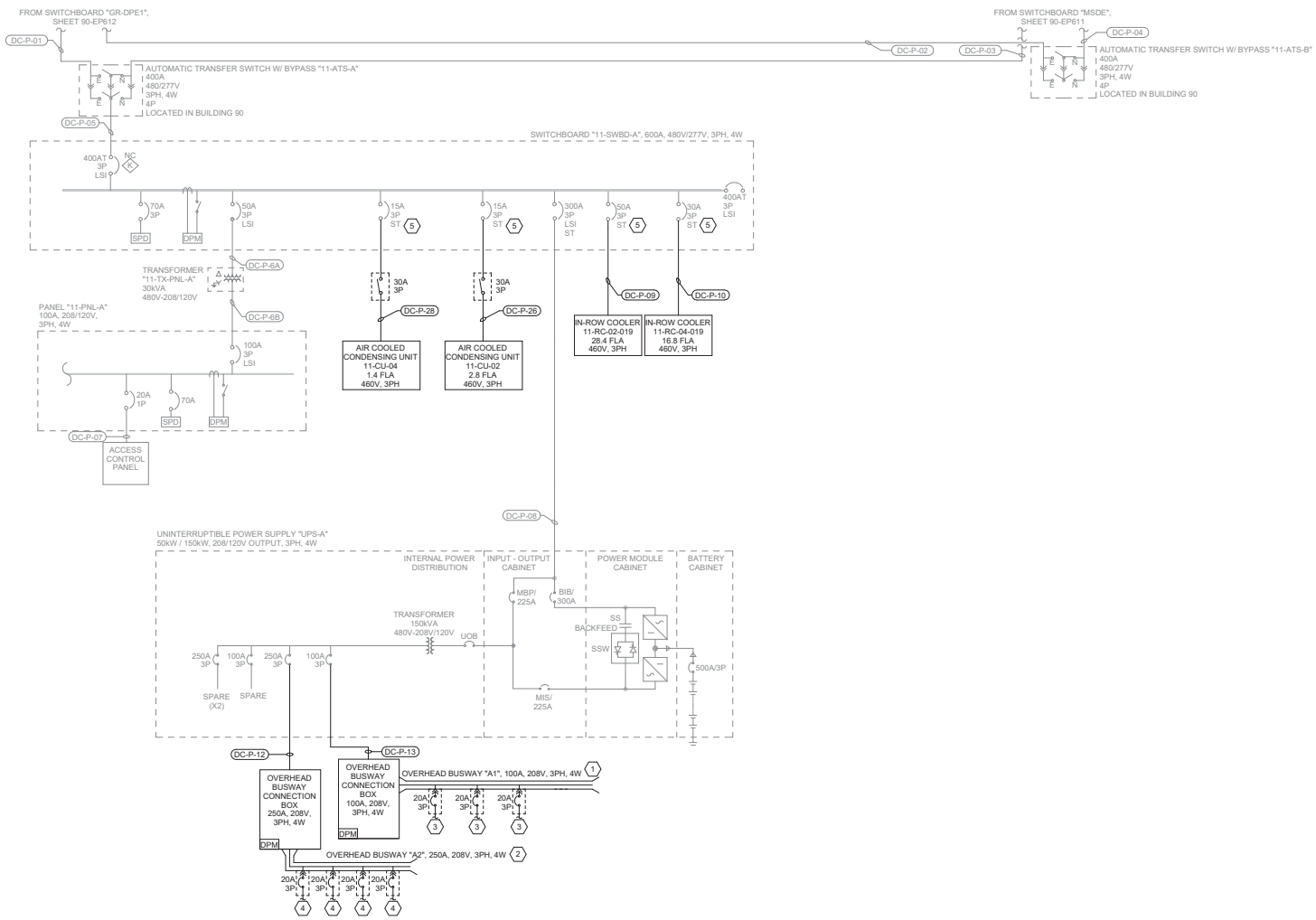

1 BLDG 11 - ONE-LINE DIAGRAM - PHASE 2 - PART 3 OF 3
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. MDA ROW OVERHEAD BUSWAY, 100A, 208V, 3PH.
2. SERVER CABINET ROW OVERHEAD BUSWAY, 250A, 208V, 3PH.
3. CONTINUE TO MDA CABINET VIA PLUG/CORD SET AND CABINET RECEPTACLE. REFERENCE ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION.
4. CONTINUE TO HDA OR SERVER CABINET VIA PLUG/CORD SET AND CABINET RECEPTACLE. REFERENCE ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION.
5. HVAC EQUIPMENT FEEDER BREAKERS SERVING DATA CENTER SHALL BE SHUNT TRIPPED UPON HVAC SHUTDOWN ACTIVATION (HVAC SHUTDOWN SWITCHES ARE LOCATED IN MCR ROOM). REFERENCE SHEETS 11-EF400b, EF601, 11-EP701, AND 11-EP702 FOR ADDITIONAL INFORMATION.

Revisions:	Date:

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Drawing Title: BLDG 11 - ONE-LINE DIAGRAM - PHASE 2 - PART 3 OF 3
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
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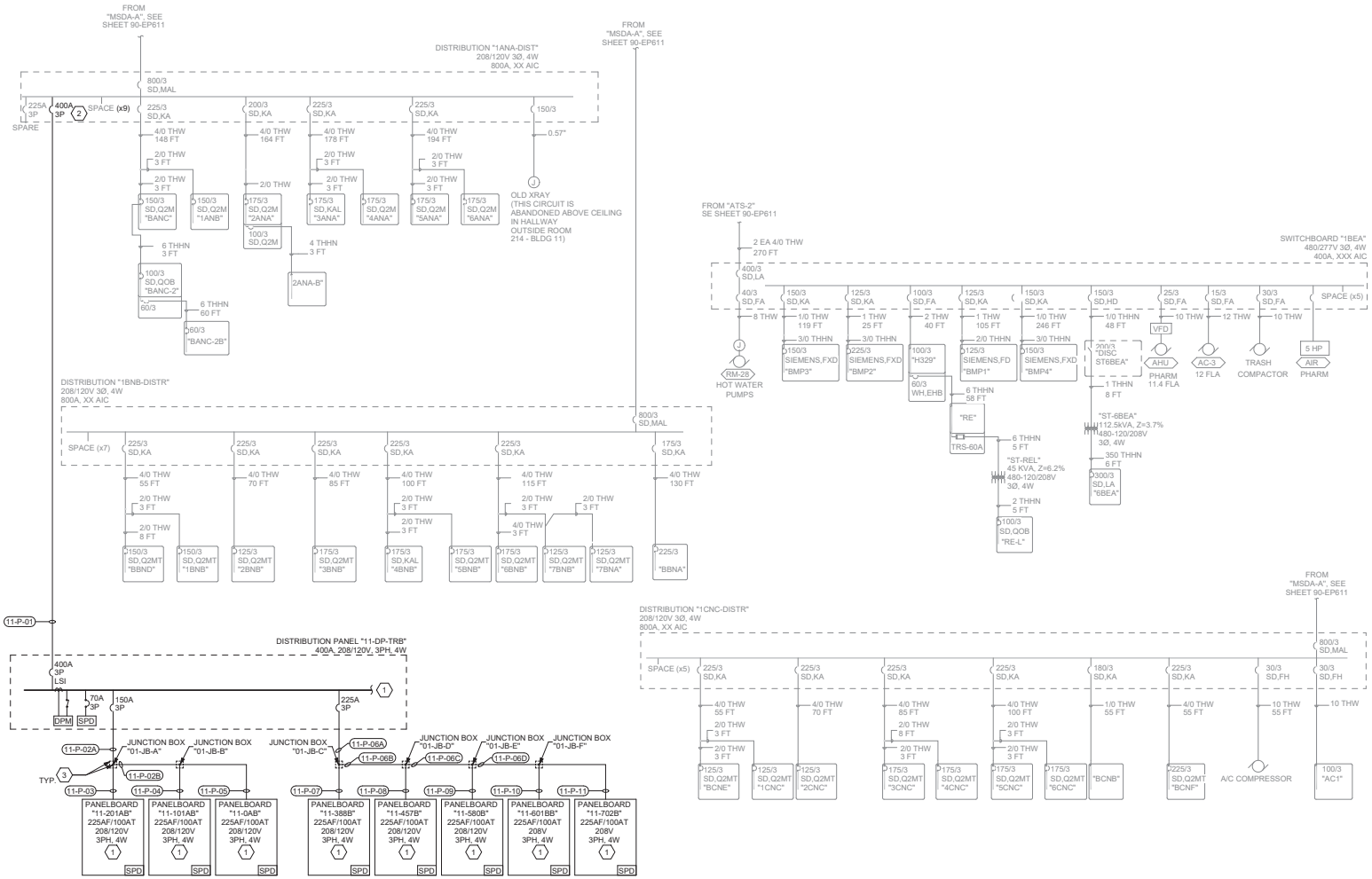
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: SHM/SGG
Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11-EP606
221 of 339



1 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 3 - PART 1 OF 3

NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. REFERENCE ASSOCIATED PANEL SCHEDULES ON SHEETS 11-EP701, 11-EP702, 11-EP703, 11-EP704, 11-EP705, AND 11-EP706 FOR ADDITIONAL INFORMATION.
2. UTILIZE EXISTING SPACE TO PROVIDE CIRCUIT BREAKER AND FEEDER AS INDICATED FOR ADDED EHRM LOAD.
3. PROVIDE RISER TAP JUNCTION BOX AND PIERCING CONNECTORS AS REQUIRED FOR RACEWAY AND CONDUCTOR TRANSITION. CONTRACTOR SHALL FIELD COORDINATE JUNCTION BOX INSTALLATION LOCATION AS REQUIRED. REFERENCE DETAIL '2' ON SHEET E-501 FOR ADDITIONAL INFORMATION.

Revisions:	Date:

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U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - ONE-LINE DIAGRAM - PHASE 3 - PART 1 OF 3
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
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Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11-EP607
	222 of 339

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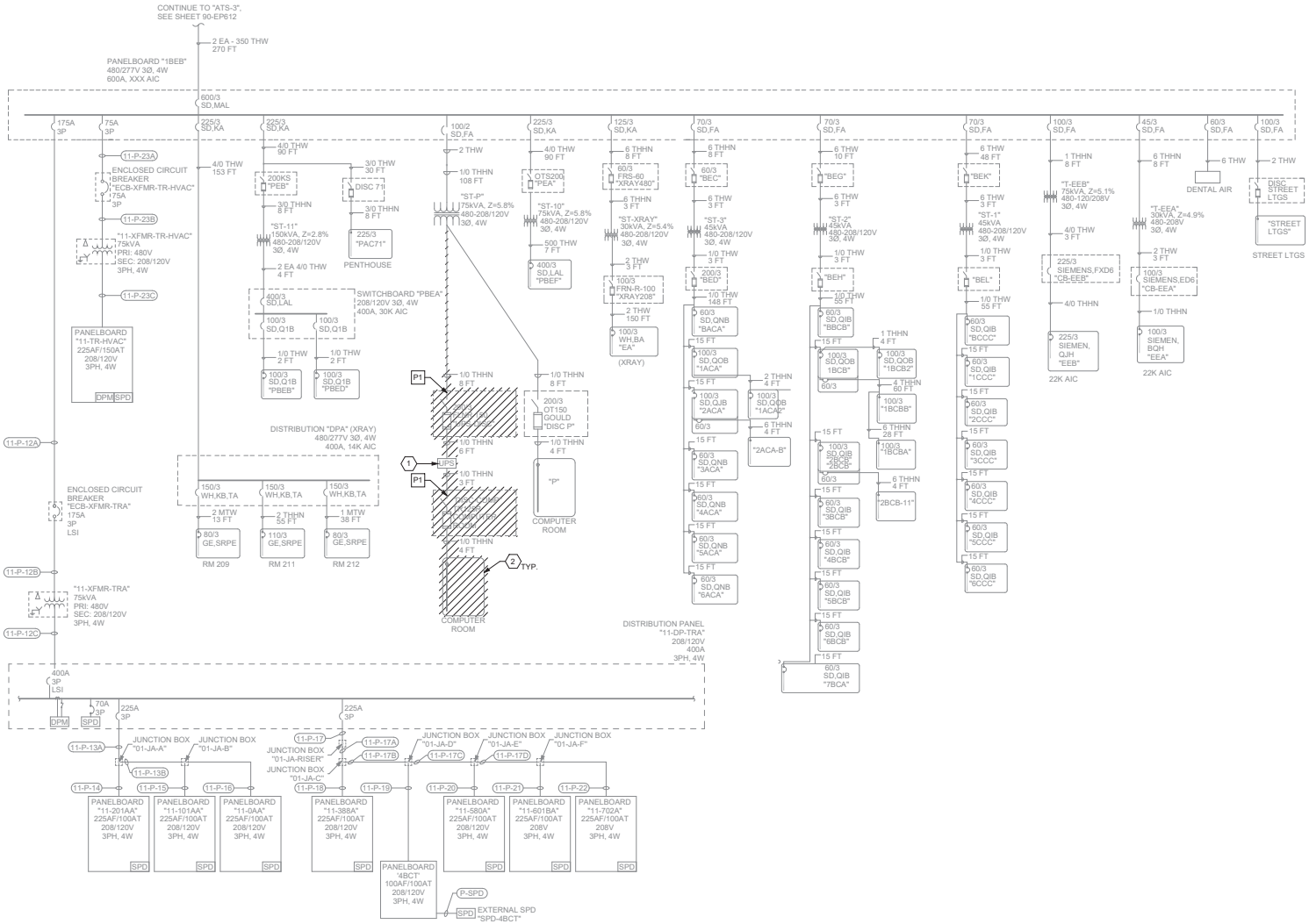

1 - BLDG 11 - ONE-LINE DIAGRAM - PHASE 3 - PART 2 OF 3
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. EXISTING 30kVA UPS SHALL BE SALVAGED TO THE VA.
2. EXISTING EQUIPMENT AND ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED AS INDICATED.

PHASING NOTES

PHASING GENERAL NOTE: ALL PHASING SHALL BE COORDINATED WITH VA RESIDENT ENGINEER PRIOR TO ELECTRICAL INSTALLATION. PHASING NOTES SHOW ONE WAY OF PROVIDING WORK WHILE POSSIBLY MINIMIZING OUTAGES AND ARE INFORMATIONAL ONLY; OTHER METHODS MAY BE ACCEPTABLE. PHASING NOTES ARE NOTED IN SEQUENCE OF WORK.

P1 INSTALL EQUIPMENT INDICATED ON SHEET 11-EP608 PRIOR TO START OF ALL DEMOLITION WORK SHOWN.

Revisions:	Date:

CONSULTANT/ DISCIPLINE

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - ONE-LINE DIAGRAM - PHASE 3 - PART 2 OF 3

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Project Number: 671A4-21-700

Building Number: 11

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Drawing Number: 11-EP608

Issue Date: 11/21/2025 | Checked: SHM/SGG | Drawn: RTS/ONI

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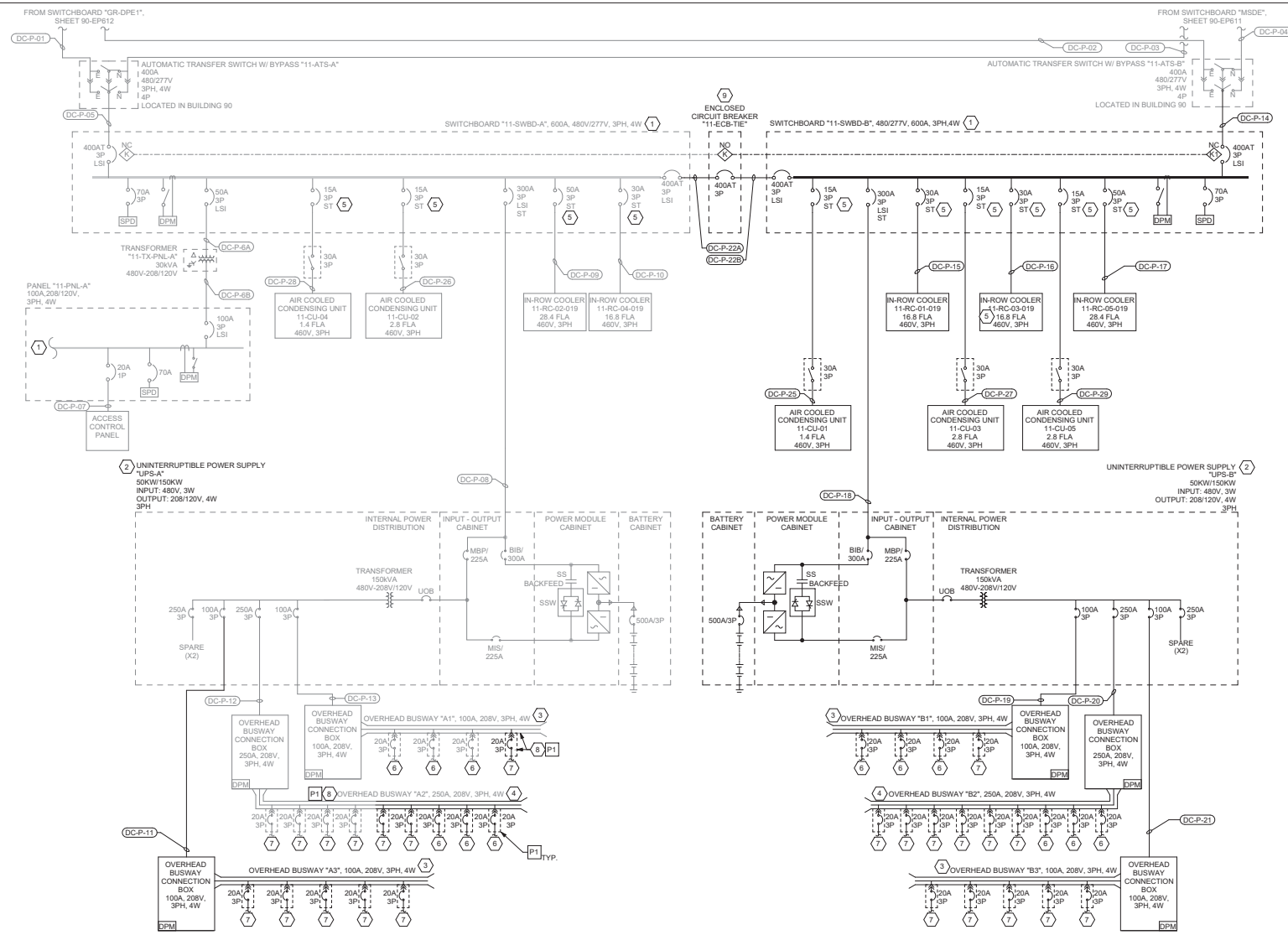

1 BLDG 11 - ONE-LINE DIAGRAM - PHASE 3 - PART 3 OF 3
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. REFERENCE PANEL SCHEDULES ON SHEETS 11-EP701, 11-EP702, 11-EP703, 11-EP704, 11-EP705, AND 11-EP706 FOR ADDITIONAL INFORMATION.
2. UNIT SHALL BE RATED FOR 50kW AND HAVE THE ABILITY TO BE EXPANDED TO 150kW. UNIT SHALL BE PROVIDED WITH AN INPUT-OUTPUT CABINET WITH MAINTENANCE BYPASS, POWER MODULE SECTION, BATTERY CABINET SECTION, AND INTEGRAL K-13 RATED TRANSFORMER. UNIT MINIMUM RUNTIME SHALL BE 10 MINUTES. UNIT SHALL BE PROVIDED WITH EMERGENCY SHUTDOWN CAPABILITY; IT SHALL RECEIVE INPUT FROM REMOTE PUSHBUTTONS AND SIGNAL FROM FIRE ALARM SYSTEM TO DEACTIVATE POWER INPUT AND OUTPUT.
3. MDA ROW OVERHEAD BUSWAY, 100A, 208V, 3PH.
4. SERVER CABINET ROW OVERHEAD BUSWAY, 250A, 208V, 3PH.
5. HVAC EQUIPMENT FEEDER BREAKERS SERVING DATA CENTER SHALL BE SHUNT TRIPPED UPON HVAC SHUTDOWN ACTIVATION (HVAC SHUTDOWN SWITCHES ARE LOCATED IN MCR ROOM). REFERENCE SHEETS 11-EF400b, EF601, 11-EP701, AND 11-EP702 FOR ADDITIONAL INFORMATION.
6. CONTINUE TO MDA CABINET VIA PLUG/CORD SET AND CABINET RECEPTACLE. REFERENCE ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION.
7. CONTINUE TO HDA OR SERVER CABINET VIA PLUG/CORD SET AND CABINET RECEPTACLE. REFERENCE ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION.
8. A-SIDE BUSWAY SHALL BE DE-ENERGIZED FOR MODIFICATION OF BUS. B-SIDE BUSWAY SHALL REMAIN ENERGIZED TO ENSURE NO EQUIPMENT OUTAGES.
9. PROVIDE ENCLOSED CIRCUIT BREAKER "11-ECB-TIE" BETWEEN SWITCHBOARD "11-SWBD-A"AND SWITCHBOARD "11-SWBD-B". CIRCUIT BREAKER SHALL ONLY BE ENERGIZED AFTER MAIN CIRCUIT BREAKER OF EITHER "11-SWBD-A" OR "11-SWBD-B" HAS BEEN DEENERGIZED.

PHASING NOTES

PHASING GENERAL NOTE: ALL PHASING SHALL BE COORDINATED WITH VA RESIDENT ENGINEER PRIOR TO ELECTRICAL INSTALLATION. PHASING NOTES SHOW ONE WAY OF PROVIDING WORK WHILE POSSIBLY MINIMIZING OUTAGES AND ARE INFORMATIONAL ONLY; OTHER METHODS MAY BE ACCEPTABLE. PHASING NOTES ARE NOTED IN SEQUENCE OF WORK.

P1 INSTALL B-SIDE ELECTRICAL DISTRIBUTION, UPS, AND BUSWAY EQUIPMENT PRIOR TO START OF A-SIDE BUSWAY MODIFICATION WORK SHOWN.

Revisions:	Date:

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U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - ONE-LINE DIAGRAM - PHASE 3 - PART 3 OF 3
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
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Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11-EP609
224 of 339

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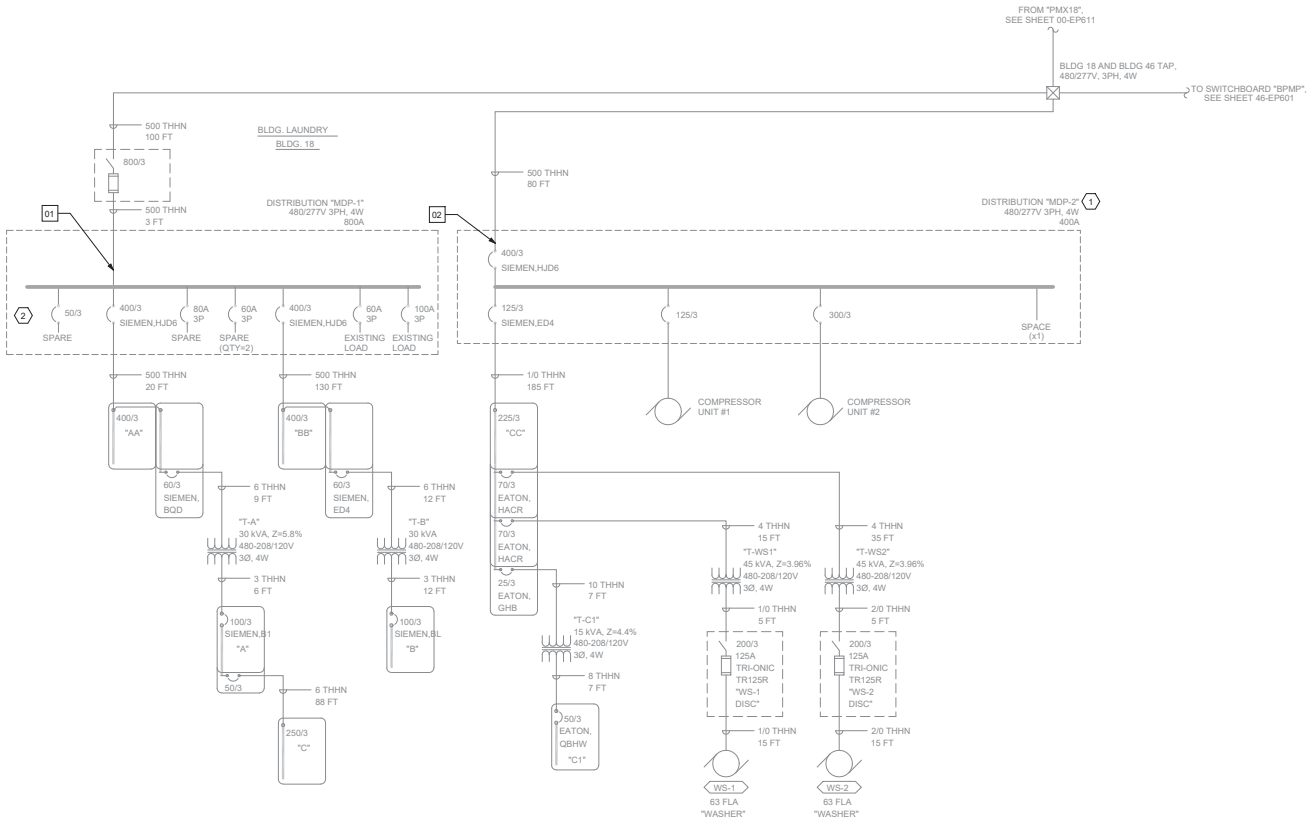

1 BLDG 18 - ONE-LINE DIAGRAM - EXISTING
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT; ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. EXISTING SPACE SHALL BE UTILIZED FOR ADDED LOAD. REFERENCE REVISED ONE-LINE DIAGRAM ON SHEET 18-EP611 FOR ADDITIONAL INFORMATION.
2. EXISTING 50A/3P CIRCUIT BREAKER SHALL BE UTILIZED FOR ADDED EHRM LOAD. REFERENCE REVISED ONE-LINE DIAGRAM ON SHEET 18-EP611 FOR ADDITIONAL INFORMATION.

POWER DATA RETRIEVAL NOTES

01 POWER DATA RETRIEVAL POINT: EXISTING DISTRIBUTION PANEL "MDP-1" HAS BEEN METERED. REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE ON SHEET 18-EP701 FOR ADDITIONAL INFORMATION.

02 POWER DATA RETRIEVAL POINT: EXISTING DISTRIBUTION PANEL "MDP-2" HAS BEEN METERED. REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE ON SHEET 18-EP701 FOR ADDITIONAL INFORMATION.

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Drawing Title: BLDG 18 - ONE-LINE DIAGRAM - EXISTING
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: SHM/SGG
Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 18
Drawing Number: 18-EP601
225 of 339

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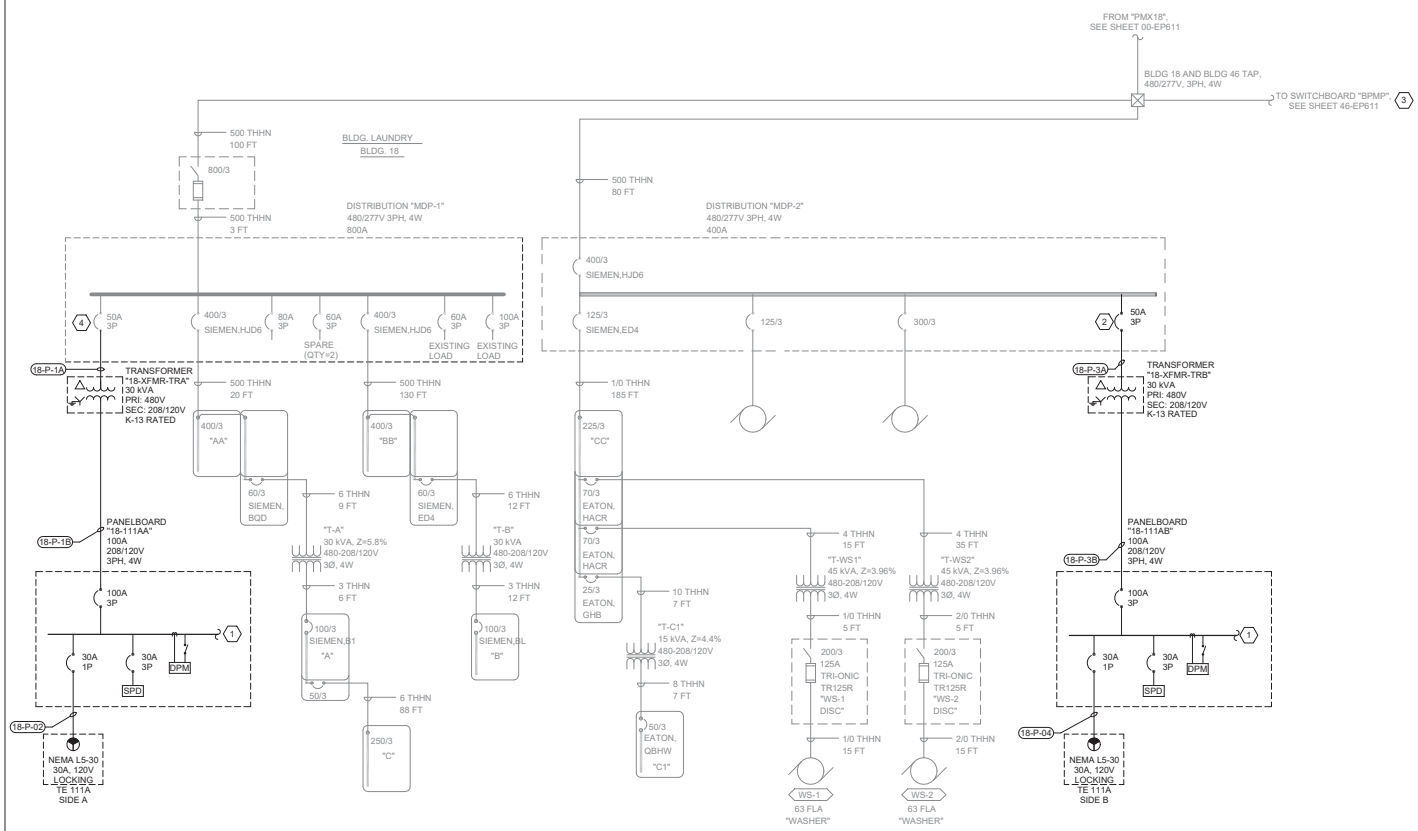

1 BLDG 18 - ONE-LINE DIAGRAM - REVISED
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. REFERENCE ASSOCIATED PANEL SCHEDULES ON SHEET 18-EP701 FOR ADDITIONAL INFORMATION.
2. PROVIDE OVERCURRENT PROTECTION AND FEEDER AS INDICATED FOR ADDED EHRM LOAD.
3. ADDITIONAL LOAD HAS BEEN ADDED TO FEEDER. REFERENCE CONTINUED ONE-LINE DIAGRAM AS INDICATED ON DRAWING AND ASSOCIATED PANEL SCHEDULE FOR ADDITIONAL LOADING INFORMATION.
4. EXISTING CIRCUIT BREAKER SHALL BE RE-UTILIZED FOR ADDED EHRM LOAD.

Revisions:	Date:

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Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 18 - ONE-LINE DIAGRAM - REVISED
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: SHM/SGG
Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 18
Drawing Number: 18-EP611

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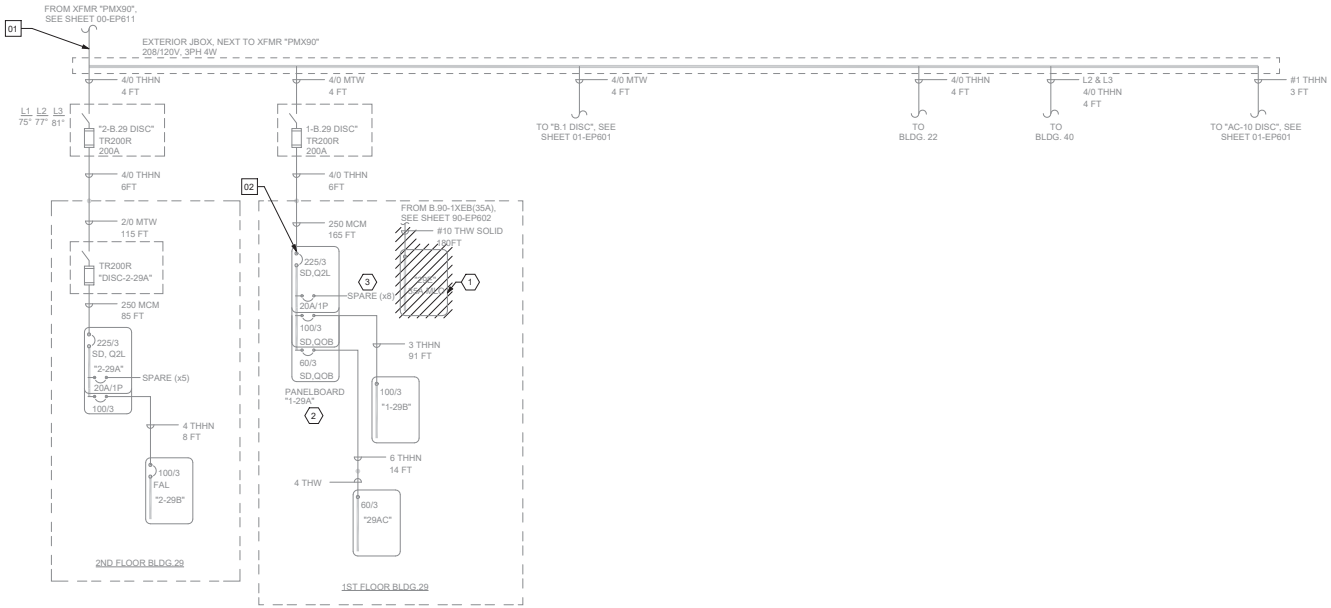

1 BLDG 29 - ONE-LINE DIAGRAM - EXISTING

NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. EXISTING PANELBOARD SHALL BE DEMOLISHED. PRESERVE BRANCH AND FEEDER CIRCUITS FOR RETERMINATION. REFERENCE REVISED ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
2. EXISTING PANELBOARD SHALL BE MODIFIED. REFERENCE REVISED ONE-LINE DIAGRAMS FOR ADDITIONAL INFORMATION.
3. SALVAGE (1) 20A/1P CIRCUIT BREAKERS TO VA RESIDENT ENGINEER. REFERENCE ASSOCIATED EXISTING AND REVISED PANEL SCHEDULES AND REVISED ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.

POWER DATA RETRIEVAL NOTES

01 POWER DATA RETRIEVAL POINT: EXISTING TRANSFORMER "PMX90" SECONDARY HAS BEEN METERED. REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE ON SHEET 29-EP701 FOR ADDITIONAL INFORMATION.

02 POWER DATA RETRIEVAL POINT: EXISTING PANELBOARD "1-29A" HAS BEEN METERED. REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE ON SHEET 29-EP701 FOR ADDITIONAL INFORMATION.

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Drawing Title: BLDG 29 - ONE-LINE DIAGRAM - EXISTING

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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

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Project Number: 671A4-21-700

Building Number: 29

Drawing Number: 29-EP601

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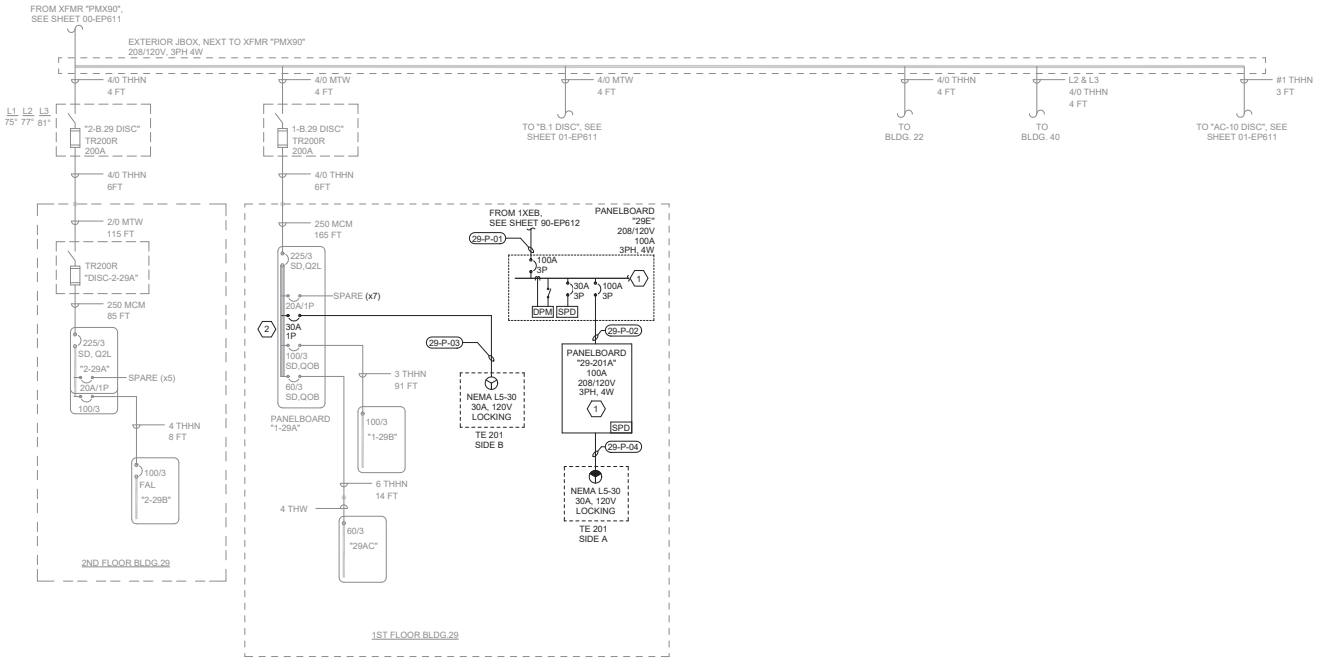

1 BLDG 29 - ONE-LINE DIAGRAM - REVISED
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
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5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. REFERENCE ASSOCIATED PANEL SCHEDULES ON SHEET 29-EP701 FOR ADDITIONAL INFORMATION.
2. UTILIZE SPACE FROM SALVAGED (1) 20A/1P CIRCUIT BREAKERS TO PROVIDE CIRCUIT BREAKER AS INDICATED. REFERENCE ASSOCIATED REVISED PANEL SCHEDULES ON SHEET 29-EP701 FOR CIRCUITING INFORMATION.

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Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
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Project Number: 671A4-21-700
Building Number: 29
Drawing Number: 29-EP611
228 of 339

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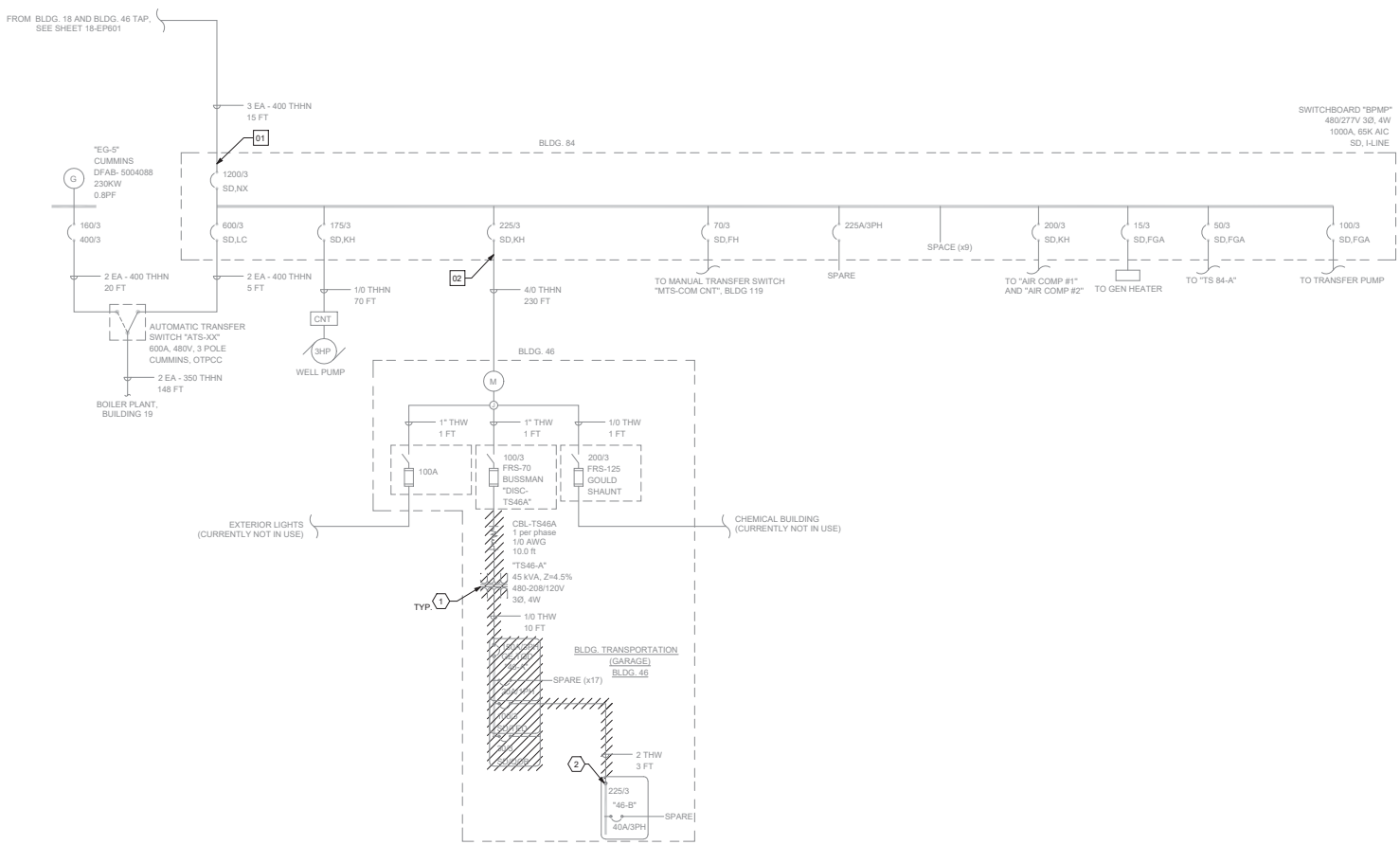

1 BLDG 46 - ONE-LINE DIAGRAM - EXISTING
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. EXISTING EQUIPMENT AND ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED AS INDICATED. REFERENCE ASSOCIATED REVISED ONE-LINE DIAGRAM ON SHEET 46-EP611 FOR ADDITIONAL INFORMATION.
2. EXISTING EQUIPMENT SHALL BE RE-FED. REFERENCE ASSOCIATED REVISED ONE-LINE DIAGRAM ON SHEET 46-EP611 FOR ADDITIONAL INFORMATION.

POWER DATA RETRIEVAL NOTES

01 POWER DATA RETRIEVAL POINT: EXISTING SWITCHBOARD "BPMP". REFERENCE SWITCHBOARD "BPMP" CALCULATED LOAD INFORMATION SCHEDULE ON SHEET 46-EP701 FOR ADDITIONAL INFORMATION.

02 POWER DATA RETRIEVAL POINT: EXISTING BUILDING 46 FEEDER HAS BEEN METERED. REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE ON SHEET 46-EP701 FOR ADDITIONAL INFORMATION.

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Drawing Title: BLDG 46 - ONE-LINE DIAGRAM - EXISTING
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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
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Project Number: 671A4-21-700
Building Number: 46
Drawing Number: 46-EP601

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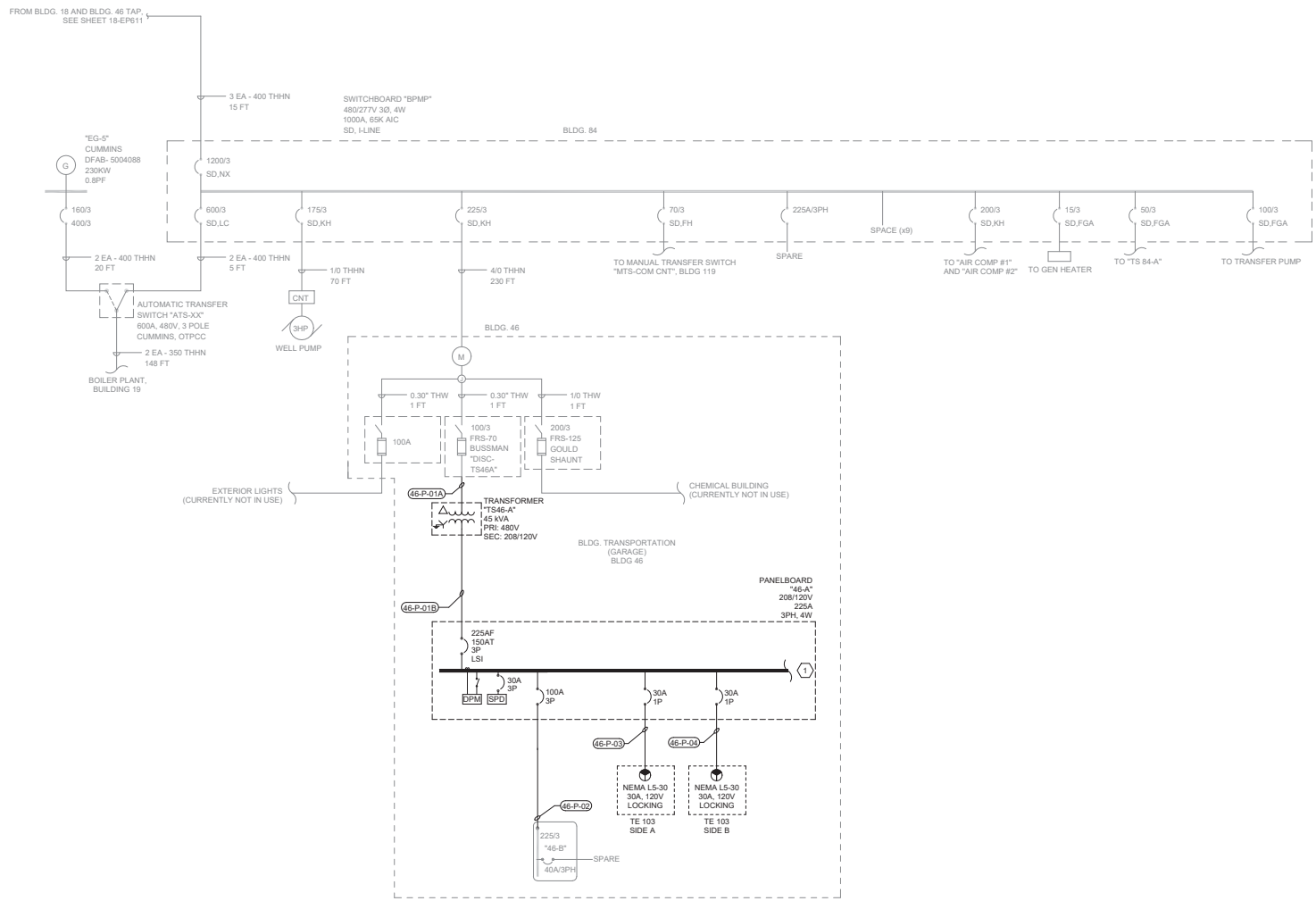

1 - BLDG 46 - ONE-LINE DIAGRAM - REVISED
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
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5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. REFERENCE ASSOCIATED PANEL SCHEDULE ON SHEET 46-EP701 FOR ADDITIONAL INFORMATION.

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Drawing Number: 46-EP611

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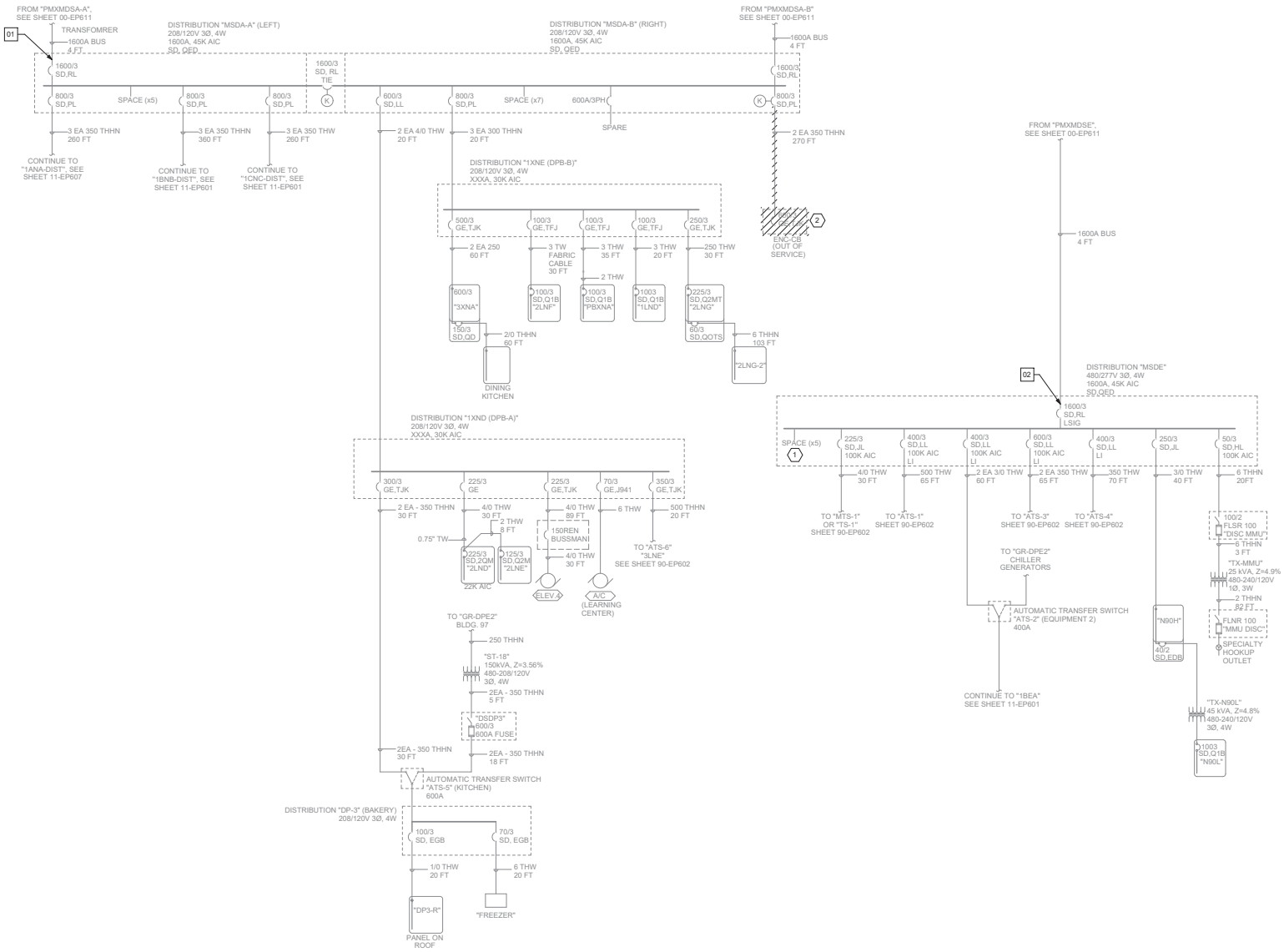

1 - BLDG 90 - PARTIAL ONE-LINE DIAGRAM - EXISTING - PART 1 OF 2

NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
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4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. EXISTING SPACES SHALL BE UTILIZED FOR ADDED LOAD. REFERENCE REVISED ONE-LINE DIAGRAMS ON SHEETS 90-EP611 AND 90-EP612 FOR ADDITIONAL INFORMATION.
2. DEMOLISH CONDUCTOR AND ABOVEGROUND RACEWAY FROM "ENC-CB" IN BUILDING 11 BACK TO SOURCE IN BUILDING 90. UNDERGROUND RACEWAY SHALL BE CUT, CAPPED, ABANDONED, AND LABELED "SPARE" ON BOTH ENDS.

POWER DATA RETRIEVAL NOTES

01 POWER DATA RETRIEVAL POINT: DISTRIBUTION PANEL "MSDA-A" HAS EXISTING METER; PEAK DEMAND DATA WAS OBTAINED. REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE ON SHEET 11-EP705 FOR ADDITIONAL INFORMATION.

02 POWER DATA RETRIEVAL POINT: EXISTING DISTRIBUTION PANEL "MSDE" HAS BEEN METERED. REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE ON SHEET 11-EP701 FOR ADDITIONAL INFORMATION.

Revisions:	Date:

CONSULTANT/ DISCIPLINE

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 90 - PARTIAL ONE-LINE DIAGRAM - EXISTING - PART 1 OF 2

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: SHM/SGG | Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 90

Drawing Number: 90-EP601

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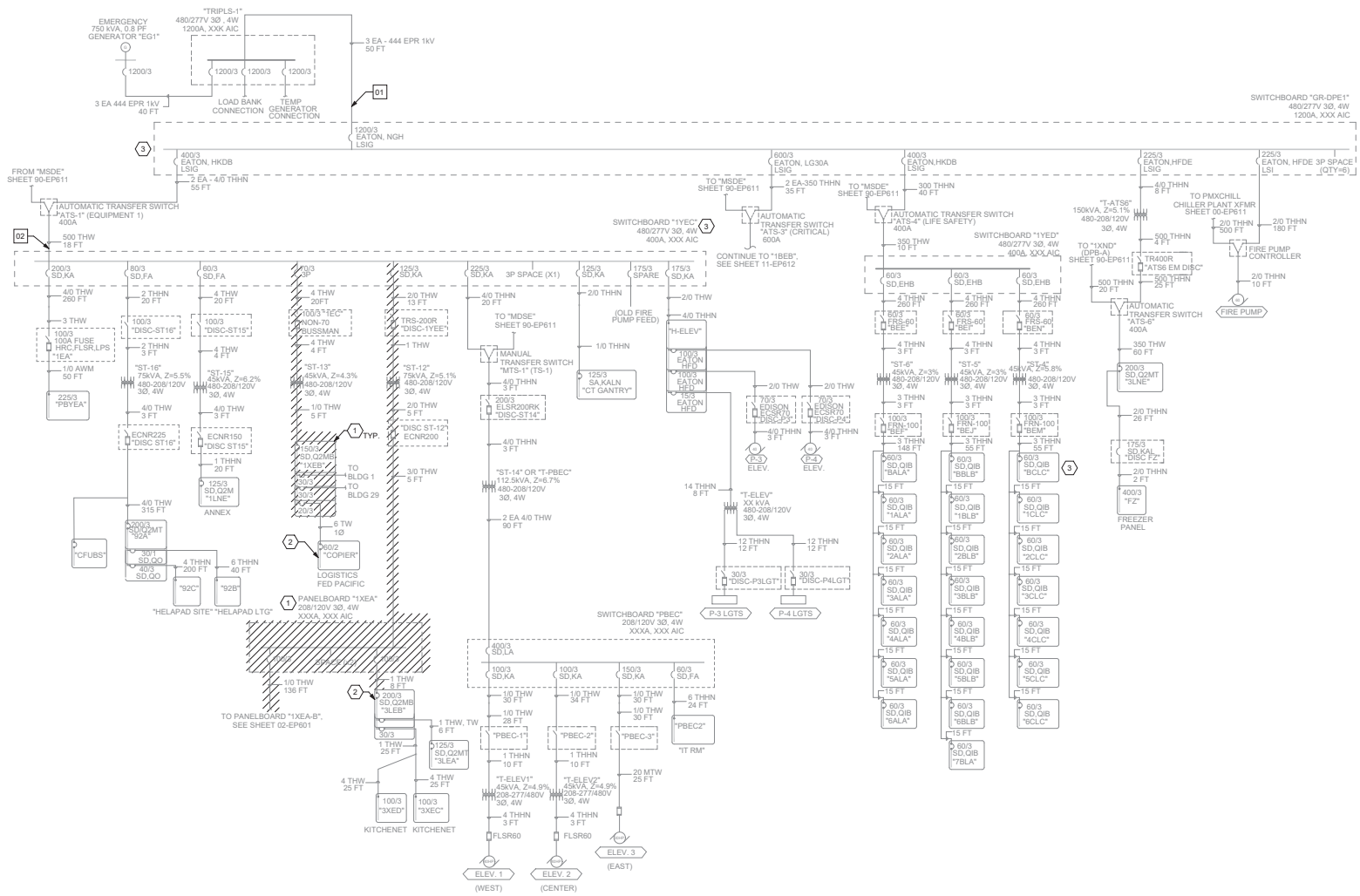

1 - BLDG 90 - PARTIAL ONE-LINE DIAGRAM - EXISTING - PART 2 OF 2
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. EXISTING EQUIPMENT AND ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED AS INDICATED. REFERENCE ASSOCIATED REVISED ONE-LINE DIAGRAM ON SHEETS 90-EP611 AND 90-EP612 FOR ADDITIONAL INFORMATION.
2. EXISTING PANELBOARD EQUIPMENT SHALL BE RE-FED. REFERENCE SHEET 90-EP612 FOR ADDITIONAL INFORMATION.
3. EXISTING EQUIPMENT SHALL BE MODIFIED. REFERENCE REVISED ONE-LINE ON SHEET 90EP612 FOR ADDITIONAL INFORMATION.

POWER DATA RETRIEVAL NOTES

01 POWER DATA RETRIEVAL POINT: EXISTING SWITCHBOARD "GR-DPE1" MAIN. REFERENCE SWITCHBOARD "GR-DPE1" CALCULATED LOAD INFORMATION SCHEDULE ON SHEET 11-EP701 FOR ADDITIONAL INFORMATION.

02 POWER DATA RETRIEVAL POINT: EXISTING DISTRIBUTION PANEL "1YEC" HAS BEEN METERED. REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE ON SHEET 01-EP701 FOR ADDITIONAL INFORMATION.

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Drawing Title: BLDG 90 - PARTIAL ONE-LINE DIAGRAM - EXISTING - PART 2 OF 2

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Project Number: 671A4-21-700

Building Number: 90

Drawing Number: 90-EP602

Issue Date: 11/21/2025 | Checked: SHM/SGG | Drawn: RTS/ONI

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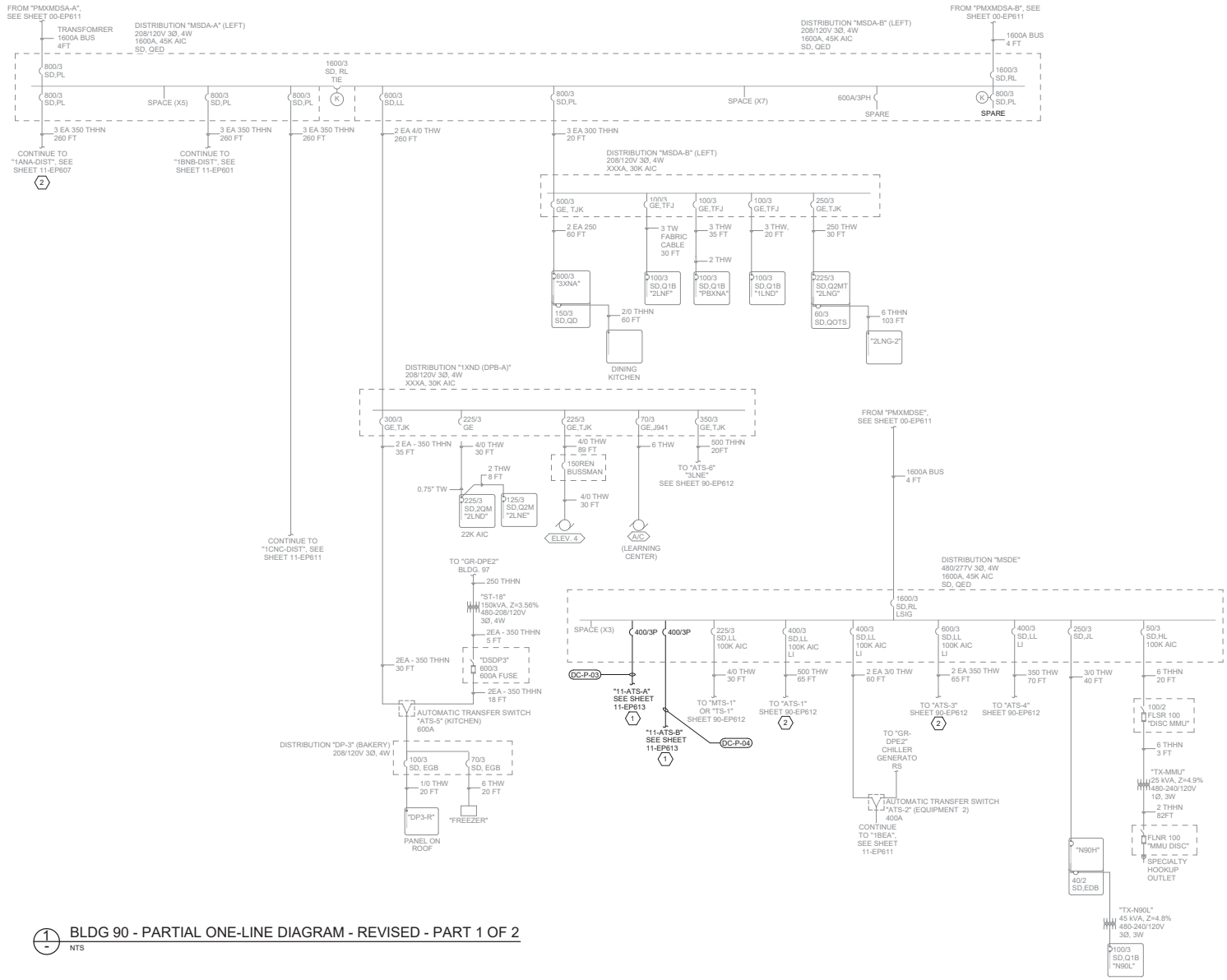

1 BLDG 90 - PARTIAL ONE-LINE DIAGRAM - REVISED - PART 1 OF 2
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. PROVIDE OVERCURRENT PROTECTION AND FEEDER AS INDICATED FOR ADDED LOAD.
2. ADDITIONAL LOAD HAS BEEN ADDED TO FEEDER. REFERENCE CONTINUED ONE-LINE DIAGRAM AS INDICATED ON DRAWING AND ASSOCIATED PANEL SCHEDULE FOR ADDITIONAL LOADING INFORMATION.

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Drawing Title: BLDG 90 - PARTIAL ONE-LINE DIAGRAM - REVISED - PART 1 OF 2

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: SHM/SGG | Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 90

Drawing Number: 90-EP611

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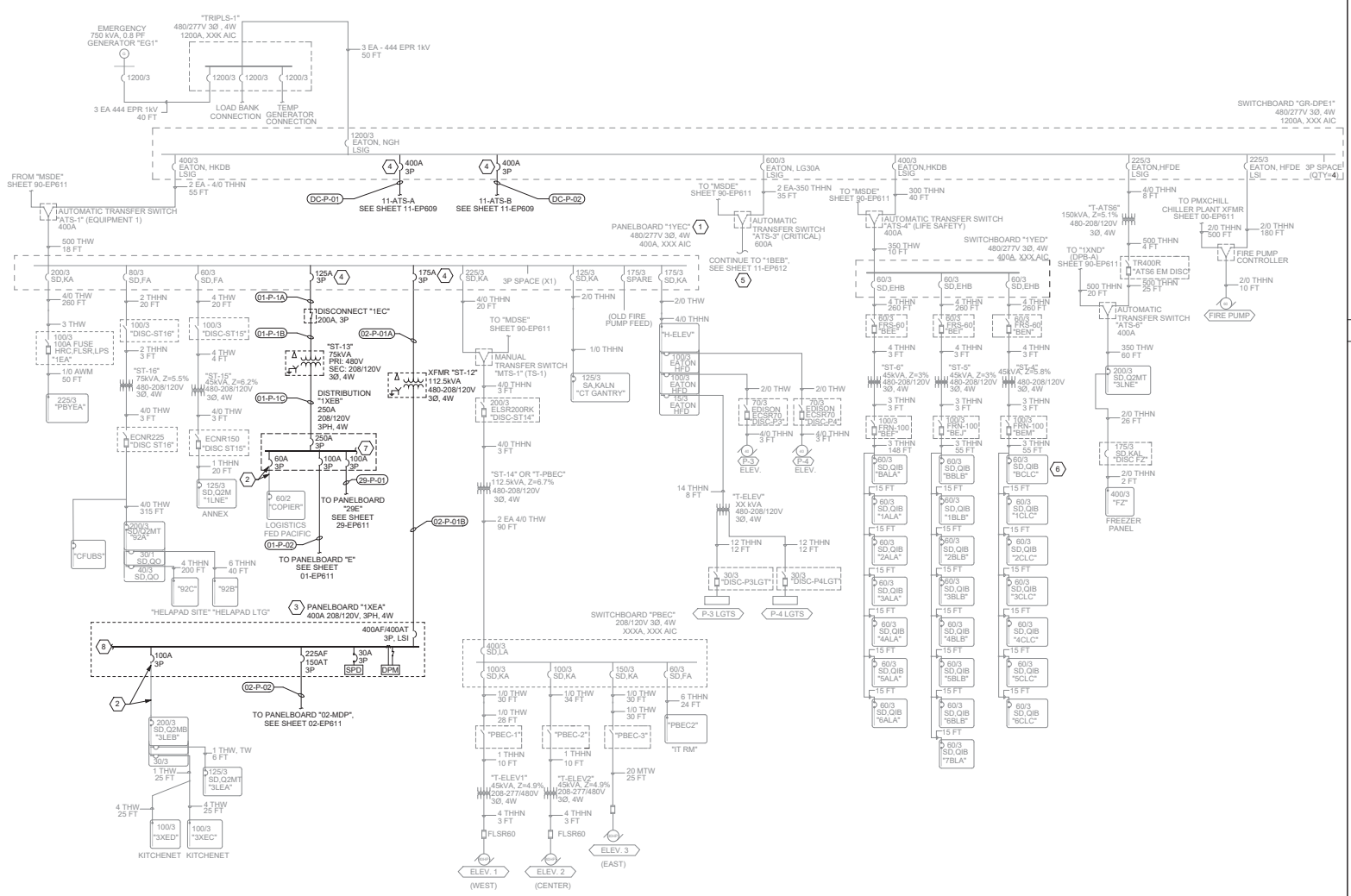

1 BLDG 90 - PARTIAL ONE-LINE DIAGRAM - REVISED - PART 2 OF 2
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT; ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. MODIFIED EQUIPMENT; EXISTING SPACES SHALL BE UTILIZED FOR ADDED LOAD.
2. RE-TERMINATE EXISTING FEEDER CONDUCTORS ON TO REPLACEMENT PANEL AS REQUIRED.
3. PROVIDE REPLACEMENT PANELBOARD AND INCOMING FEEDER AS INDICATED. PROVIDE RACEWAY AND CONDUCTOR TO RE-TERMINATE ALL EXISTING BRANCH CIRCUITS AS REQUIRED.
4. PROVIDE OVERCURRENT PROTECTION AND FEEDER AS INDICATED FOR ADDED LOAD.
5. ADDITIONAL LOAD HAS BEEN ADDED TO FEEDER. REFERENCE CONTINUED ONE-LINE DIAGRAM AS INDICATED ON DRAWING AND ASSOCIATED PANEL SCHEDULE FOR ADDITIONAL LOADING INFORMATION.
6. MODIFIED EQUIPMENT; UTILIZE LIFE SAFETY PANELBOARD FOR ADDED LIFE SAFETY LIGHTING WITHIN BUILDING 11 MCR.
7. REFERENCE PANEL SCHEDULE ON SHEET 01-EP701 FOR ADDITIONAL INFORMATION.
8. REFERENCE PANEL SCHEDULE ON SHEET 02-EP701 FOR ADDITIONAL INFORMATION.

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Drawing Title: BLDG 90 - PARTIAL ONE-LINE DIAGRAM - REVISED - PART 2 OF 2
Approved:
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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
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Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 90
Drawing Number: 90-EP612

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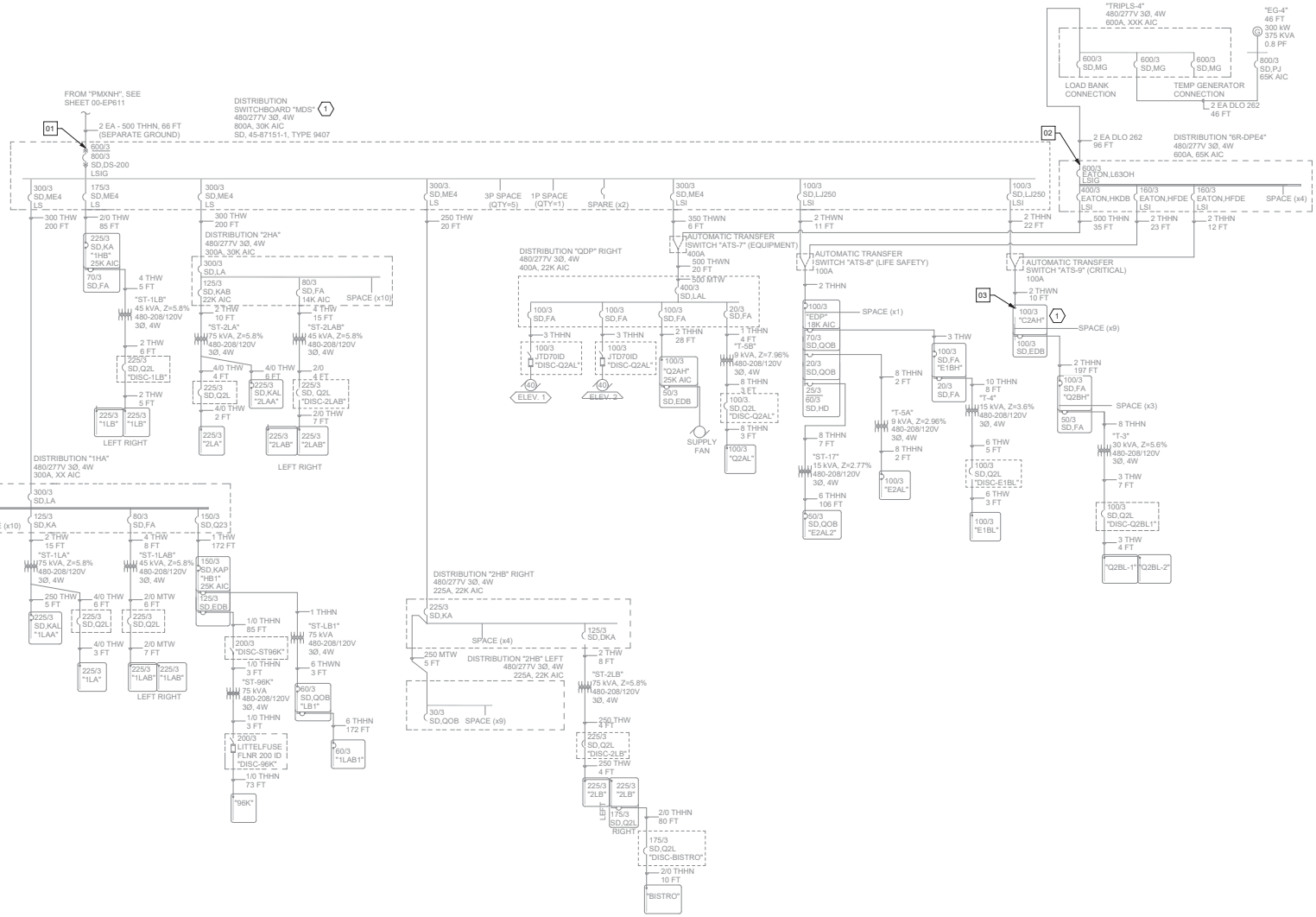

1 BLDG 96 - PARTIAL ONE-LINE DIAGRAM - EXISTING
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. EXISTING SPACES SHALL BE UTILIZED FOR ADDED LOAD. REFERENCE REVISED ONE-LINE DIAGRAM ON SHEET 96-EP611 FOR ADDITIONAL INFORMATION.

POWER DATA RETRIEVAL NOTES

01 POWER DATA RETRIEVAL POINT: EXISTING DISTRIBUTION PANEL "MDS" HAS BEEN METERED. REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE ON SHEET 96-EP702 FOR ADDITIONAL INFORMATION.

02 POWER DATA RETRIEVAL POINT: EXISTING SWITCHBOARD "GR-DPE1" MAIN. REFERENCE SWITCHBOARD "GR-DPE1" CALCULATED LOAD INFORMATION SCHEDULE ON SHEET 11-EP701 FOR ADDITIONAL INFORMATION.

03 POWER DATA RETRIEVAL POINT: EXISTING PANELBBOARD "C2AH" HAS BEEN METERED. REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE ON SHEET 96-EP701 FOR ADDITIONAL INFORMATION.

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Drawing Title: BLDG 96 - ONE-LINE DIAGRAM - EXISTING
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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
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Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 96
Drawing Number: 96-EP601
235 of 339

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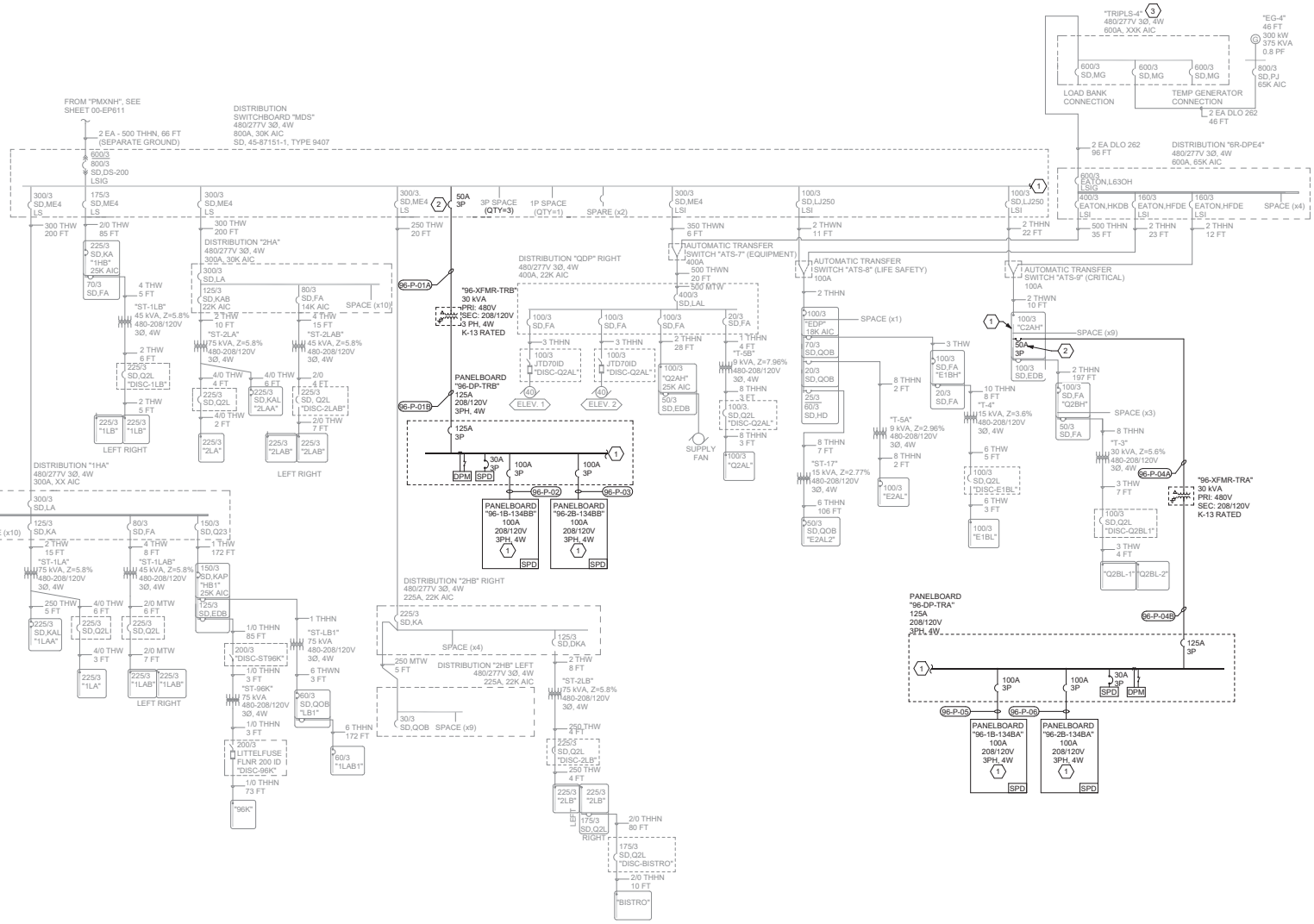

1 BLDG 96 - PARTIAL ONE-LINE DIAGRAM - REVISED
NTS

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS IT PERTAINS TO SUBJECT PROJECT. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE VA RESIDENT ENGINEER.
2. CONTRACTOR SHALL PROVIDE ALL SHUTDOWN PLANS, TEMPORARY POWER PLANS, AND PHASING PLANS FOR VA RESIDENT ENGINEER REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. ALL PLANS SHALL BE SUBMITTED FOR REVIEW 30 DAYS PRIOR TO IMPLEMENTATION.
3. SHORT CIRCUIT CALCULATIONS BASED ON VA PROVIDED AS-BUILTS.
4. NOT ALL ONE-LINE DIAGRAM DRAWING SHEETS MAY HAVE WORK SHOWN; ALL ONE-LINE DRAWINGS HAVE BEEN INCLUDED IN THIS DRAWING SET FOR REFERENCE PURPOSES.
5. ALL PROVIDED DIGITAL POWER METERS (DPM) SHALL BE INTEGRATED INTO EXISTING FACILITY BMS SYSTEM; PROVIDE ALL REQUIRED RACEWAYS, CABLING, AND INTEGRATION TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
6. CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS WITH AIC RATING EQUAL TO OR GREATER THAN HIGHEST FAULT CURRENT RATING INDICATED ON ASSOCIATED PANELBOARD SCHEDULE AND ONE-LINE DIAGRAM.

KEY NOTES

1. REFERENCE ASSOCIATED PANEL SCHEDULES ON SHEETS 96-EP701 AND 96-EP702 FOR ADDITIONAL INFORMATION.
2. PROVIDE OVERCURRENT PROTECTION AND FEEDER AS INDICATED FOR ADDED EHRM LOAD.
3. REFERENCE GENERATOR CAPACITY AND LOAD INFORMATION SCHEDULE ON SHEET EP701 FOR EQUIPMENT LOAD INFORMATION.

Revisions:	Date:

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Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 96 - ONE-LINE DIAGRAM - REVISED
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
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Project Number: 671A4-21-700
Building Number: 96
Drawing Number: 96-EP611
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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	LAMPS	DRIVER	WATTS	VOLTS	MFGR	CATALOGUE #	LENS/DIFFUSER	FINISH	COMMENTS
L1L1E	4' STRIP	LED	ELECTRONIC	22.5	120/277V	DISCOVERY, OR APPROVED EQUAL	DSC4-SLSS-U-40-FCLGR	FROSTED HIGH-IMPACT DIFFUSER	WHITE	PROVIDE WITH EMERGENCY BATTERY PACK WHERE INDICATED ON PLANS.
L2L2E	4' STRIP	LED	ELECTRONIC	30.4	120/277V	DISCOVERY, OR APPROVED EQUAL	DSC4-ALSS-U-40-FCLGR	FROSTED HIGH-IMPACT DIFFUSER	WHITE	PROVIDE WITH EMERGENCY BATTERY PACK WHERE INDICATED ON PLANS.
L3L3E	4' STRIP	LED	ELECTRONIC	40	120/277V	DISCOVERY, OR APPROVED EQUAL	DSC4-ALSS-U-40-FCLGR	FROSTED HIGH-IMPACT DIFFUSER	WHITE	PROVIDE WITH EMERGENCY BATTERY PACK WHERE INDICATED ON PLANS.
L4L4E	4' STRIP	LED	ELECTRONIC	49	120/277V	DISCOVERY, OR APPROVED EQUAL	DSC4-ALHE-U-40-FFLGR	FROSTED HIGH-IMPACT DIFFUSER	WHITE	PROVIDE WITH EMERGENCY BATTERY PACK WHERE INDICATED ON PLANS.
S	EXIT SIGN	LED	-	5.5	120/277V	BEGHELLI, OR APPROVED EQUAL	SLX100 P12 * LB	N/A		

GENERAL NOTES:

1. ALL LUMINAIRES WITH AN 'E' SUFFIX SHALL BE PROVIDED WITH EMERGENCY POWER VIA EMERGENCY LIGHTING UL924 TRANSFER SWITCH CIRCUITED TO EMERGENCY PANELBOARD. PROVIDE RACEWAYS AND WIRING TO INTERFACE WITH FIRE ALARM SYSTEM AS REQUIRED. LOCATE TRANSFER SWITCH LOCAL TO CONTROLLED LUMINAIRE. DURING NORMAL POWER CONDITIONS, CONTROL AND SWITCHING OF LUMINAIRE SHALL OPERATE NORMALLY. UPON LOSS OF POWER TRANSFER SWITCH SHALL BYPASS LIGHTING CONTROL AND PROVIDE FULL, NON-DIMMED, EMERGENCY LIGHTING. PROVIDE ADDITIONAL SWITCH CONDUCTORS AS REQUIRED. WHERE BUILDING DOES NOT HAVE EMERGENCY POWER, PROVIDE EMERGENCY BATTERY PACK INTEGRAL TO FIXTURE.
2. REFER TO TR ROOM LUMINAIRE MOUNTING SCHEDULE ON SHEET EP701 FOR LUMINAIRE MOUNTING INFORMATION.
3. PRIOR TO LUMINAIRE PROCUREMENT, CONTRACTOR SHALL PROVIDE LIGHTING LAYOUT WITH PROPOSED LUMINAIRES AND INDICATE POINT-BY-POINT PHOTOMETRICS FOR ENGINEER REVIEW DURING SUBMITTAL REVIEW PROCESS.

GENERATOR CAPACITY AND LOAD INFORMATION SCHEDULE

GENERATOR NAME	GENERATOR VOLTAGE	GENERATOR RATING (KW)	TEST REPORT DATE	PEAK RECORDED DEMAND (A)	PEAK DEMAND (kW)	SEASONAL ADJUSTMENT FACTOR	NEC DEMAND FACTOR	DEMAND kW (w/ NEC FACTOR)	ADDED LOAD (kW)	TOTAL DEMAND LOAD (kW)	ESTIMATED GENERATOR PERCENT LOADING (%)	NOTES
EG3	480	620	FEB 2022	270	224	1	1	224	387.3	612	98.7%	1, 2
EG4	480	400	OCT 2022	90	75	1	1.25	94	31.1	125	31.2%	3

NOTES:

1. ADDED LOAD COMPRISED OF TR SOURCE A LOADS OF BUILDINGS 1, 2, 11, 29, AND GENERIC SMALL DATA CENTER LOAD.
2. ALL TEST REPORT DATA WAS CONDUCTED AND PROVIDED FROM VA.
3. ADDED LOAD COMPRISED OF TR SOURCE A LOADS OF BUILDINGS 96.
4. ALL GENERATORS ARE STANDBY RATED. GENERATOR % LOADING SHALL BE MONITORED TO ACKNOWLEDGE WHEN GENERATOR LOADING IS OVER 70%. OPERATIONAL STAFF SHALL MAKE OPERATIONAL CHANGES AS REQUIRED TO ENSURE GENERATOR LOADING DOES NOT EXCEED ISO 8528-1 RATINGS.

MECHANICAL EQUIPMENT SCHEDULE (NOTE 1,4)

EQUIPMENT DESCRIPTION	EQUIPMENT TAG NAME	VOLTS/PHASE	VA	HP	FULL LOAD AMPS	MCA	MOCP	NOTES
IN-ROW COOLER	11-RC-01-019	460/3	13385	-	16.8	21.0	30	-
IN-ROW COOLER	11-RC-02-019	460/3	22628	-	28.4	35.5	50	-
IN-ROW COOLER	11-RC-03-019	460/3	13385	-	16.8	21.0	30	-
IN-ROW COOLER	11-RC-04-019	460/3	13385	-	16.8	21.0	30	-
IN-ROW COOLER	11-RC-05-019	460/3	22628	-	28.4	35.5	50	-
CONDENSING UNIT	11-CU-01	460/3	1115	-	1.4	1.8	15	-
CONDENSING UNIT	11-CU-02	460/3	2231	-	2.8	3.5	15	-
CONDENSING UNIT	11-CU-03	460/3	1115	-	1.4	1.8	15	-
CONDENSING UNIT	11-CU-04	460/3	1115	-	1.4	1.8	15	-
CONDENSING UNIT	11-CU-05	460/3	2231	-	2.8	3.5	15	-
TRANSFER FAN	18-TF-1-111A	115/1	437	1/4	3.8	4.8	15	-
TRANSFER FAN	29-TF-1-201	115/1	437	1/4	3.8	4.8	15	-
TRANSFER FAN	46-TF-1-103	115/1	437	1/4	3.8	4.8	15	-
DEHUMIDIFIER	11-DH-01-019	120/1	1152	-	9.6	12.0	20	-
DEHUMIDIFIER	11-DH-02-019	120/1	1152	-	9.6	12.0	20	-
VRV UNIT (INDOOR)	011-FC-1A-019B	208/1	108	-	0.5	0.7	15	-
VRV UNIT (INDOOR)	011-FC-1B-019B	208/1	187	-	0.9	1.1	15	-
VRV UNIT (INDOOR)	011-FC-2A-019C	208/1	108	-	0.5	0.7	15	-
VRV UNIT (INDOOR)	011-FC-2B-019C	208/1	187	-	0.9	1.1	15	-
VRV UNIT (INDOOR)	011-FC-3A-101A	208/1	108	-	0.5	0.7	15	-
VRV UNIT (INDOOR)	011-FC-3B-101B	208/1	108	-	0.5	0.7	15	-
VRV UNIT (INDOOR)	011-FC-4A-201A	208/1	108	-	0.5	0.7	15	-
VRV UNIT (INDOOR)	011-FC-4B-201A	208/1	108	-	0.5	0.7	15	-
VRV UNIT (OUTDOOR)	011-VRF-01-019B	208/1	54748	-	263.2	32.9	40	-
VRV UNIT (OUTDOOR)	011-VRF-02-019C	208/1	54748	-	263.2	32.9	40	-
VRV UNIT (OUTDOOR)	011-VRF-03-101A	208/1	51584	-	248.0	31.0	40	-
VRV UNIT (OUTDOOR)	011-VRF-04-201A	208/1	51584	-	248.0	31.0	40	-
DUCTLESS SPLIT COOLING UNIT (INDOOR)	01-AC-01-1C1A	208/1	-	-	-	-	-	2
DUCTLESS SPLIT COOLING UNIT (INDOOR)	02-AC-01-109	208/1	-	-	-	-	-	2
DUCTLESS SPLIT COOLING UNIT (INDOOR)	11-AC-01-0A	208/1	-	-	-	-	-	2
DUCTLESS SPLIT COOLING UNIT (INDOOR)	11-AC-02-388	208/1	-	-	-	-	-	2
DUCTLESS SPLIT COOLING UNIT (INDOOR)	11-AC-03-580	208/1	-	-	-	-	-	2
DUCTLESS SPLIT COOLING UNIT (INDOOR)	11-AC-04-601B	208/1	-	-	-	-	-	2
DUCTLESS SPLIT COOLING UNIT (INDOOR)	11-AC-05-702	208/1	-	-	-	-	-	2
DUCTLESS SPLIT COOLING UNIT (INDOOR)	96-AC-01-1B-1348	208/1	-	-	-	-	-	2
DUCTLESS SPLIT COOLING UNIT (INDOOR)	96-AC-02-2B-1348	208/1	-	-	-	-	-	2
DUCTLESS SPLIT COOLING UNIT (OUTDOOR)	01-HP-01-1C1A	208/1	3827	-	16.4	23.0	30	-
DUCTLESS SPLIT COOLING UNIT (OUTDOOR)	02-HP-01-109	208/1	3827	-	16.4	23.0	30	-
DUCTLESS SPLIT COOLING UNIT (OUTDOOR)	11-HP-01-0A	208/1	3827	-	16.4	23.0	30	-
DUCTLESS SPLIT COOLING UNIT (OUTDOOR)	11-HP-02-388	208/1	3827	-	16.4	23.0	30	-
DUCTLESS SPLIT COOLING UNIT (OUTDOOR)	11-HP-03-580	208/1	3827	-	16.4	23.0	30	-
DUCTLESS SPLIT COOLING UNIT (OUTDOOR)	11-HP-04-601B	208/1	3827	-	16.4	23.0	30	-
DUCTLESS SPLIT COOLING UNIT (OUTDOOR)	11-HP-05-702	208/1	3827	-	16.4	23.0	30	-
DUCTLESS SPLIT COOLING UNIT (OUTDOOR)	96-HP-01-1B-1348	208/1	3827	-	16.4	23.0	30	-
DUCTLESS SPLIT COOLING UNIT (OUTDOOR)	96-HP-02-2B-1348	208/1	3827	-	16.4	23.0	30	-
FIRE SMOKE DAMPER	011-FSD-01-019A	120/1	9	-	0.2	0.2	20	3

NOTES:

1. ALL MECHANICAL EQUIPMENT SHALL BE FED FROM AN HACR BREAKER UNLESS OTHERWISE NOTED BY MANUFACTURERS REQUIREMENTS.
2. INDOOR UNIT POWERED BY OUTDOOR UNIT.
3. PROVIDE SMOKE DETECTOR FOR ACTIVATION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ELECTRICAL LOAD INCREASES FROM SUBMISSION OF NON-BASIS OF DESIGN MECHANICAL EQUIPMENT. CONTRACTOR SHALL PROVIDE THE FOLLOWING AT NO COST TO THE OWNER:
-REVISED ELECTRICAL DISTRIBUTION EQUIPMENT (I.E., PANELBOARDS, SWITCHBOARDS, DISCONNECTS, ETC.).
-REVISED MOCPs PER MANUFACTURER'S REQUIREMENTS.
-REVISED RACEWAY AND CONDUCTORS (SIZED PER NEC).
-REDLINE ALL AFFECTED PANELBOARD SCHEDULES ON DRAWINGS TO SHOW REVISED MOCPs, QUANTITY OF CIRCUITS, AND EQUIPMENT LOADING (AT A MINIMUM).

TR/LUMINAIRE MOUNTING SCHEDULE

BUILDING NO.	TELECOMM/INCATIONS ROOM NAME	SHEET NUMBER	CEILING HEIGHT(FT)	MOUNTING HEIGHT	NOTES
1	RM 101	01-EP401	8' 7"	8' 7"	1,3
2	RM109	02-EP401	10' 10"	9' 6"	1,2
11	RM 0A	11-EP400A	11' 8"	9' 6"	1,2
	RM 019A	11-EL400	10' 11"	9' 6"	1,3
	RM 019B	11-EL400	10' 11"	9' 6"	1,3
	RM 019C	11-EL400	10' 11"	9' 6"	1,3
	RM 019D	11-EL400	10' 11"	9' 6"	1,3
	RM 019E	11-EL400	10' 11"	9' 6"	1,3
	RM 101A	11-EP401	10' 2"	9' 6"	1,2
	RM 201A	11-EP402	10' 10"	9' 6"	1,2
	RM 388	11-EP403	10' 10"	9' 6"	1,2
	RM 469	11-EP404	8' 10"	9' 6"	1,2
	RM 580	11-EP405	8' 2"	8' 2"	1,3
	RM 601B	11-EP406	8' 3"	8' 3"	1,3
	RM 702	11-EP407	8' 10"	8' 10"	1,3
18	RM 111A	18-EP401	8' 7"	8' 7"	1,3
29	RM 209C	29-EP402	12' 10"	9' 6"	1,2
46	RM 103	46-EP401	10' 4"	9' 6"	1,2
96	RM 1B-134	96-EP401	10' 4"	9' 6"	1,2
	RM 2B-134	96-EP402	8' 1"	8' 1"	1,3

Notes:

1. CONTRACTOR SHALL COORDINATE LUMINAIRE MOUNTING WITH ELECTRICAL, MECHANICAL, TELECOM, EQUIPMENT, AND RACEWAYS AS REQUIRED.
2. LUMINAIRE SHALL BE SUSPENDED MOUNTED. UTILIZE ALUMINUM CHAIN AND FASTENING HARDWARE, OR EQUAL, AS REQUIRED.
3. PROVIDE ALL HARDWARE AND FASTENING EQUIPMENT AS REQUIRED TO MOUNT TO CEILING.

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SCHEDULES

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: -

Drawing Number: EP701

VA FORM 08 - 6231
24/11/2025 4:21:09 am
Autodesk Docs://671A4-21-700 VAXTX Kerrville EHRM/VA KERRVILLE - GENERAL SHEETS.rvt

GENERAL NOTES

1. CONTRACTOR SHALL UPDATE ALL PANEL CIRCUIT DIRECTORIES TO INDICATE IN ANY AND ALL CHANGES; ALL REVISED CIRCUIT DIRECTORIES SHALL BE TYPEWRITTEN.
2. FOR ALL "REVISED" PANEL SCHEDULES REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE FOR OVERALL PANEL LOAD. "REVISED" PANEL SCHEDULES ON THIS SHEET ARE SHOWN FOR ADDED BRANCH CIRCUIT SIZING ONLY.
3. ALL DIGITAL POWER METERS (DPM) AND SURGE PROTECTIVE DEVICES (SPD) ARE INTEGRAL TO ELECTRICAL DISTRIBUTION EQUIPMENT, UNLESS OTHERWISE NOTED.
4. SCHEDULES WITH GREY TEXT INDICATE EXISTING PANELBOARD RATINGS, CIRCUITS, AND LOADS. BLACK TEXT INDICATES REVISED CIRCUITS, PROVIDED EQUIPMENT, AND ADDITIONAL LOAD.

PANELBOARD "11EC" METERING AND LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: 4000A BUS, MLO, 480/277V, 3PH

LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD	1111[illegible]	1
25% OF PEAK DEMAND (NEC 230.87)	[illegible]	
ADDED DEMAND LOAD		
BUILDING 01 - PANELBOARD "1AEB"	800	
PANELBOARD "E" LOAD	1252[illegible]	1
PANELBOARD "2BB" LOAD	5760	1
BUILDING 02 - PANELBOARD "1BEB"		
PANELBOARD "G2-1/2BA" LOAD	1170[illegible]	1
PANELBOARD "G2-1/2BB" LOAD	2[illegible]	1
REMOVED LOAD		
BUILDING 01 - RACK REDUCTION (2.5kVA EA. RAC @ 1 RACK TOTAL)	-2500	4
TOTAL VA LOAD	1328[illegible]	
TOTAL AMPERAGE	1[illegible]	
% TOTAL LOAD	46%	5

NOTES:
1. PEAK DEMAND DATA WAS OBTAINED FROM 30-DAY METERING STUDY PER NEC 230.87. PEAK OCCURED ON OCTOBER 2, 2024.
2. ADDED DEMAND LOAD CONSISTS OF NEW TR RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. ADDED DEMAND LOAD CONSISTS OF GENERAL RECEPTACLE LOAD. REDUNDANT B SIDE OVERHEAD RECEPTACLE LOAD IS NOT INCLUDED IN POWER CALCULATIONS AS LOADS DO NOT OPERATE AT FULL LOAD SIMULTANEOUSLY. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
4. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2011), TR RACK LOADS ARE DE-RATED FROM 5000VA TO 2500VA AT THE DISTRIBUTION PANEL.
5. TOTAL PERCENT LOADING IS COMPARED TO EQUIPMENT BUS RATING; EQUIPMENT BUS IS RATED FOR 4kpa.

PANELBOARD "1EEB" CALCULATED LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: 2500A BUS, 2500A MCB, 208/120V, 3PH

LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD	4[illegible]	1
ADDED DEMAND LOAD		
BUILDING 01 - PANELBOARD "1EEB"	800	
PANELBOARD "E" LOAD	1252[illegible]	1
PANELBOARD "2BB" LOAD	5760	1
REMOVED LOAD		
BUILDING 01 - RACK REDUCTION (2.5kVA EA. RAC @ 1 RACK TOTAL)	-2500	4
TOTAL VA LOAD	6[illegible]	
TOTAL AMPERAGE	1[illegible]	
% TOTAL LOAD	58%	5

NOTES:
1. PEAK DEMAND DATA IS CALCULATED FROM THE MAXIMUM LOAD PROVIDED BY UPSTREAM EXISTING TRANSFORMER "ST-13".
2. ADDED DEMAND LOAD CONSISTS OF NEW TR RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2011), TR RACK LOADS ARE DE-RATED FROM 5000VA TO 2500VA AT THE DISTRIBUTION PANEL.
4. TOTAL PERCENT LOADING IS COMPARED TO REPLACEMENT EQUIPMENT MAIN CIRCUIT BREAKER RATING; MAIN CIRCUIT BREAKER IS RATED FOR 2[illegible].

PANELBOARD: 1EEB (REPLACEMENT)

PANELBOARD: E (EXISTING)

PANELBOARD: E (REPLACEMENT)

PANELBOARD "1A" METERING AND LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: 225A BUS, 225A-7 MCB, 208/120V, 3PH

LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD	2[illegible]	1
25% OF PEAK DEMAND (NEC 230.87)	[illegible]	
ADDED DEMAND LOAD		
PANELBOARD "EG-1C1AB" LOAD	4[illegible]	1
REMOVED LOAD		
BUILDING 01 - RACK REDUCTION (2.5kVA EA. RAC @ 1 RACK TOTAL)	-2500	1
TOTAL VA LOAD	21[illegible]	
TOTAL AMPERAGE	5[illegible]	
% TOTAL LOAD	59%	4

NOTES:
1. PEAK DEMAND DATA WAS OBTAINED FROM 30-DAY METERING STUDY PER NEC 230.87. PEAK OCCURED ON NOVEMBER 8, 2024.
2. ADDED DEMAND LOAD CONSISTS OF NEW TR RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2011), TR RACK LOADS ARE DE-RATED FROM 5000VA TO 2500VA AT THE DISTRIBUTION PANEL.
4. TOTAL PERCENT LOADING IS COMPARED TO EQUIPMENT MAIN CIRCUIT BREAKER RATING; EQUIPMENT MAIN CIRCUIT BREAKER IS RATED FOR 225A.

PANELBOARD "C" METERING AND LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: 150A BUS, MLO, 208/120V, 3PH

LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD	6[illegible]	1
25% OF PEAK DEMAND (NEC 230.87)	[illegible]	
ADDED DEMAND LOAD		
PANELBOARD "EG-1C1AB" LOAD	6[illegible]	1
REMOVED LOAD		
BUILDING 01 - RACK REDUCTION (2.5kVA EA. RAC @ 1 RACK TOTAL)	-2500	1
TOTAL VA LOAD	9[illegible]	
TOTAL AMPERAGE	2[illegible]	
% TOTAL LOAD	70%	4

NOTES:
1. PEAK DEMAND DATA WAS OBTAINED FROM 30-DAY METERING STUDY PER NEC 230.87. PEAK OCCURED ON OCTOBER 24, 2024.
2. ADDED DEMAND LOAD CONSISTS OF NEW TR RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2011), TR RACK LOADS ARE DE-RATED FROM 5000VA TO 2500VA AT THE DISTRIBUTION PANEL.
4. TOTAL PERCENT LOADING IS COMPARED TO EQUIPMENT SOURCE FEEDER RATING; EQUIPMENT SOURCE FEEDER IS 4 WIRE AND RATED FOR 8kA.

PANELBOARD: C (REVISED)

PANELBOARD: 01-1C1AB

BLDG 01 - CONDUIT AND WIRE SCHEDULE - VA TX KERRVILLE EHRM UPGRADES

CONDUIT TAG	SERVICE	ROUTING FROM	ROUTING TO	CONDUIT QTY	CONDUIT SIZE	CONDUCTORS (QTY) & SIZE	CONDUCTORS GROUND SIZE	VOLTAGE DROP	FAULT CURRENT	NOTES
01-P-1A	DISTRIBUTION PANEL "1AEB"	PANELBOARD "1HVAC"	DISCONNECT "1HC"	1	2"	(3) 1/0 AWG	6 AWG	2.26%	6.4kA	-
01-P-1B	DISTRIBUTION PANEL "1AEB"	DISCONNECT "1HC"	TRANSFORMER "ST-13"	1	2"	(3) 1/0 AWG	6 AWG	2.37%	6.4kA	-
01-P-1C	DISTRIBUTION PANEL "1AEB"	TRANSFORMER "ST-13"	DISTRIBUTION PANEL "1AEB"	1	4-1/2"	(4) 250 KCMIL	4 AWG	0.34%	6.4[illegible]	-
01-P-02	DISTRIBUTION PANEL "E"	DISTRIBUTION PANEL "1AEB"	DISTRIBUTION PANEL "E"	1	1-1/2"	(3) 1 AWG	(1) 2 AWG	1.47%	1.6[illegible]	3
01-P-03	PANELBOARD "G-1C-1AB"	PANELBOARD "G"	PANELBOARD "G-1C-1AB"	1	2"	(3) 8 AWG	(1) 8 AWG	0.89%	1.6[illegible]	3
P-SPD	EXTERNAL SPD	AS SHOWN ON PLANS	EXTERNAL SPD	1	3/4"	(4) 10 AWG	10 AWG	N/A	-	-
P-DPM	EXTERNAL DPM	AS SHOWN ON PLANS	EXTERNAL DPM	1	1"	3/0 THHN	10 AWG	N/A	-	2
										-
P-TR-1A	DATA RACK 5/0E 4-RUFT (1 RACK)	TR "A-0/0E" PANELBOARD	DATA RACK 5/0E 4-RUFT (1 RACK)	1	1"	(4) 10 AWG	10 AWG	MEGLIGABLE	-	-
P-TR-1B	DATA RACK 5/0E 4-RUFT (1 RACK)	TR "B-0/0E" PANELBOARD	DATA RACK 5/0E 4-RUFT (1 RACK)	1	1"	(4) 10 AWG	10 AWG	MEGLIGABLE	-	-

NOTES:
1. NEUTRAL IS UTILIZED.
2. PROVIDE MANUFACTURER'S CABLING.

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SCHEDULES

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 01

Drawing Number: 01-EP701

VA FORM 08 - 6231

24/11/2025 4:21:16 am

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PANELBOARD "1XEA" METERING AND LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: 400A BUS, 350AT, 208/120V, 3PH

LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD	72002	1
ADDED DEMAND LOAD		
PANELBOARD "D2-105M" LOAD	11775	
PANELBOARD "D2-109M" LOAD	50000	
REMOVED LOAD		
BUILDING D2 - RACK REDUCTION (-0.5kW/A EA. RACK @ 3 RACK TOTAL)	-2500	1
TOTAL VA LOAD	60275	
TOTAL AMPERAGE	175	
% TOTAL LOAD	49%	3

NOTES:
1. PEAK DEMAND DATA CALCULATED FROM AMPRUN CURRENT ON EXISTING EQUIPMENT FEEDER FOR PANELBOARD "1XEA". EXISTING EQUIPMENT FEEDER IS 3/0 AWG AND RATED FOR 200A.
2. ADDED DEMAND LOAD CONSISTS OF NEW TR RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. ADDED DEMAND LOAD CONSISTS OF GENERAL RECEPTACLE LOAD, REDUNDANT B-SIDE OVERHEAD RECEPTACLE LOAD IS NOT INCLUDED IN POWER CALCULATIONS AS LOADS DO NOT OPERATE AT FULL LOAD SIMULTANEOUSLY. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
4. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2021), TR RACK LOADS ARE DE-RATED FROM 5000VA TO 2500VA AT THE DISTRIBUTION PANEL.
5. TOTAL PERCENT LOADING IS COMPARED TO REPLACEMENT EQUIPMENT MAIN CIRCUIT BREAKER TRIP RATING. REPLACEMENT MAIN CIRCUIT BREAKER IS RATED FOR 350AT.

PANELBOARD "D2-MDP" METERING AND LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: 225A BUS, 150AT, 208/120V, 3PH

LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD	28802	
ADDED DEMAND LOAD		
PANELBOARD "D2-105M" LOAD	11775	
PANELBOARD "D2-109M" LOAD	50000	
REMOVED LOAD		
BUILDING D2 - RACK REDUCTION (-0.5kW/A EA. RACK @ 3 RACK TOTAL)	-2500	
TOTAL VA LOAD	88077	
TOTAL AMPERAGE	159	
% TOTAL LOAD	71%	3

NOTES:
1. PEAK DEMAND DATA CALCULATED FROM AMPRUN CURRENT ON EXISTING UPSTREAM OVERCURRENT PROTECTION DEVICE ON PANELBOARD "1XEA". EXISTING UPSTREAM OVERCURRENT PROTECTION DEVIC IS RATED FOR 125A.
2. ADDED DEMAND LOAD CONSISTS OF NEW TR RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. ADDED DEMAND LOAD CONSISTS OF GENERAL RECEPTACLE LOAD, REDUNDANT B-SIDE OVERHEAD RECEPTACLE LOAD IS NOT INCLUDED IN POWER CALCULATIONS AS LOADS DO NOT OPERATE AT FULL LOAD SIMULTANEOUSLY. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
4. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2021), TR RACK LOADS ARE DE-RATED FROM 5000VA TO 2500VA AT THE DISTRIBUTION PANEL.
5. TOTAL PERCENT LOADING IS COMPARED TO REPLACEMENT EQUIPMENT MAIN CIRCUIT BREAKER TRIP RATING. REPLACEMENT MAIN CIRCUIT BREAKER IS RATED FOR 150AT.

PANELBOARD: 1XEA (REPLACEMENT)

GENERAL NOTES

1. CONTRACTOR SHALL UPDATE ALL PANEL CIRCUIT DIRECTORIES TO INDICATE IN ANY AND ALL CHANGES; ALL REVISED CIRCUIT DIRECTORIES SHALL BE TYPEWRITTEN.
2. FOR ALL "REVISED" PANEL SCHEDULES REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE FOR OVERALL PANEL LOAD. "REVISED" PANEL SCHEDULES ON THIS SHEET ARE SHOWN FOR ADDED BRANCH CIRCUIT SIZING ONLY.
3. ALL DIGITAL POWER METERS (DPM) AND SURGE PROTECTIVE DEVICES (SPD) ARE INTEGRAL TO ELECTRICAL DISTRIBUTION EQUIPMENT, UNLESS OTHERWISE NOTED.
4. SCHEDULES WITH GREY TEXT INDICATE EXISTING PANELBOARD RATINGS, CIRCUITS, AND LOADS. BLACK TEXT INDICATES REVISED CIRCUITS, PROVIDED EQUIPMENT, AND ADDITIONAL LOAD.

PANELBOARD D2-MDP

PANELBOARD D2-109A

PANELBOARD D2-109B

BLDG E2 - CONDUIT AND WIRE SCHEDULE - VA TX KERRVILLE EHRM UPGRADES

CONDUIT TAG	SERVICE	ROUTING FROM	ROUTING TO	CONDUIT QTY	CONDUIT SIZE	CONDUCTORS (QTY) & SIZE	GROUND SIZE	VOLTAGE DROP	FAULT CURRENT	NOTES
D2-P-01A	PANELBOARD "1XEA"	PANELBOARD "1YEC"	TRANSFORMER "ST-12"	1	2"	(3) 3/0 AWG	6 AWG	2.06%	11,133	-
D2-P-01B	PANELBOARD "1XEA"	TRANSFORMER "ST-12"	PANELBOARD "1XEA"	2	2-1/2"	(3) 3/0 AWG, (1) 250 KCMIL	3 AWG	0.03%	4,896	1
D2-P-02	PANELBOARD "D2-MDP"	PANELBOARD "1XEA"	PANELBOARD "D2-MDP"	1	2-1/2"	(3) 250 KCMIL, (1) 350 KCMIL	3 AWG	1.87%	3,672	1
D2-P-03	PANELBOARD "D2-109A"	PANELBOARD "D2-MDP"	PANELBOARD "D2-109A"	1	1-1/4"	(3) 3 AWG, (1) 2 AWG	8 AWG	1.87%	2,715	1
D2-P-04	PANELBOARD "D2-109B"	PANELBOARD "D2-109A"	PANELBOARD "D2-109B"	1	1-1/4"	(3) 3 AWG, (1) 2 AWG	8 AWG	1.78%	2,715	1
D2-P-05	PANELBOARD "1XEA-A"	PANELBOARD "D2-MDP"	PANELBOARD "1XEA-A"	1	3/4"	(3) 6 AWG	10 AWG	2.84%	1,315	-
D2-P-06	PANELBOARD "1XEA-B"	PANELBOARD "D2-MDP"	PANELBOARD "1XEA-B"	1	1-1/4"	(4) 3 AWG	8 AWG	2.08%	2,507	-
D2-P-07	PANELBOARD "1XEA-C"	PANELBOARD "D2-MDP"	PANELBOARD "1XEA-C"	1	3/4"	(3) 6 AWG	10 AWG	2.06%	2,203	-
D2-P-08	GAZEBO EQUIPMENT	PANELBOARD "D2-MDP"	GAZEBO EQUIPMENT	1	1-1/2"	(6) 2 AWG	6 AWG	2.19%	-	-
P-TR-1A	DATA RACK SIDE A RCPT (1 RACK)	TR 'A-SIDE' PANELBOARD	DATA RACK SIDE A RCPT (1 RACK)	1	3/4"	(4) 10 AWG	10 AWG	NEGLIGIBLE	-	-
P-TR-1B	DATA RACK SIDE B RCPT (1 RACK)	TR 'B-SIDE' PANELBOARD	DATA RACK SIDE B RCPT (1 RACK)	1	3/4"	(4) 10 AWG	10 AWG	NEGLIGIBLE	-	-

NOTES(S):
1. NEUTRAL IS UPSIZED

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SCHEDULES

Approved:

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FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 02

Drawing Number: 02-EP701

VA FORM 08 - 6231

24/11/2025 4:21:22 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VA KERRVILLE - GENERAL SHEETS.rvt

GENERAL NOTES

1. CONTRACTOR SHALL UPDATE ALL PANEL CIRCUIT DIRECTORIES TO INDICATE IN ANY AND ALL CHANGES; ALL REVISED CIRCUIT DIRECTORIES SHALL BE TYPEWRITTEN.
2. FOR ALL "REVISED" PANEL SCHEDULES REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE FOR OVERALL PANEL LOAD. "REVISED" PANEL SCHEDULES ON THIS SHEET ARE SHOWN FOR ADDED BRANCH CIRCUIT SIZING ONLY.
3. ALL DIGITAL POWER METERS (DPM) AND SURGE PROTECTIVE DEVICES (SPD) ARE INTEGRAL TO ELECTRICAL DISTRIBUTION EQUIPMENT, UNLESS OTHERWISE NOTED.
4. SCHEDULES WITH GREY TEXT INDICATE EXISTING PANELBOARD RATINGS, CIRCUITS, AND LOADS. BLACK TEXT INDICATES REVISED CIRCUITS, PROVIDED EQUIPMENT, AND ADDITIONAL LOAD.

SWITCHBOARD "MSG1" METERING AND LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: 2000A BUS, 2000AT MCB, 480/277V, 3PH

LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD	[illegible]	1
25% OF PEAK DEMAND (NEC 230.97)	[illegible]	
ADDED DEMAND LOAD		
BUILDING 1 - PANELBOARD "E"	11,998	2
BUILDING 2 - PANELBOARD "S2-PEDP"	11,871	2
BUILDING 11 - DISTRIBUTION PANEL "1B08"		
PANELBOARD "11-TR-HVAC" LOAD	10,750	2
DISTRIBUTION PANEL "11-DP-TRB"		
PANELBOARD "11-MM" LOAD	11,610	2
PANELBOARD "11-101M" LOAD	17,110	2
PANELBOARD "11-201MA" LOAD	17,110	2
PANELBOARD "11-MBM" LOAD	11,987	2
PANELBOARD "MELT" LOAD	0	2
PANELBOARD "11-MBR" LOAD	11,511	2
PANELBOARD "11-601BM" LOAD	11,987	2
PANELBOARD "11-701M" LOAD	11,987	2
BUILDING 11 - DISTRIBUTION PANEL "11-SWBD-A"		
"UPS-A" LOAD	[illegible]	7
PANELBOARD "11-PNL-A" LOAD	[illegible]	-
IN ROW COOLER UNIT "11-RC-01-01F"	[illegible]	-
IN ROW COOLER UNIT "11-RC-02-01F"	[illegible]	-
IN ROW COOLER UNIT "11-RC-03-01F"	[illegible]	-
IN ROW COOLER UNIT "11-RC-04-01F"	[illegible]	-
IN ROW COOLER UNIT "11-RC-05-01F"	[illegible]	-
AIR-COOLED CONDENSING UNIT "11-CU-01"	[illegible]	-
AIR-COOLED CONDENSING UNIT "11-CU-02"	[illegible]	-
AIR-COOLED CONDENSING UNIT "11-CU-03"	[illegible]	-
AIR-COOLED CONDENSING UNIT "11-CU-04"	[illegible]	-
AIR-COOLED CONDENSING UNIT "11-CU-05"	[illegible]	-
BUILDING 29 - PANELBOARD "29E"	[illegible]	2
REMOVED LOAD		
BUILDING 1 - RACK REDUCTION - [illegible] (MDA EA. RACK @ [illegible] RACKS TOTAL)	[illegible]	4
BUILDING 1 - EXISTING TR LOADS - [illegible] (MDA EA. @ [illegible] ROOMS TOTAL)	[illegible]	5
BUILDING 2 - RACK REDUCTION - [illegible] (MDA EA. RACK @ [illegible] RACKS TOTAL)	[illegible]	4
BUILDING 2 - EXISTING TR LOADS - [illegible] (MDA EA. @ [illegible] ROOMS TOTAL)	[illegible]	5
BUILDING 11 - RACK REDUCTION - [illegible] (MDA EA. RACK @ [illegible] RACKS TOTAL)	[illegible]	4
BUILDING 11 - EXISTING 300KW-MCB UPS	[illegible]	-
BUILDING 11 - EXISTING TR LOADS - [illegible] (MDA EA. @ [illegible] ROOMS TOTAL)	[illegible]	5
BUILDING 1, 2, 11, 29 - TR LIGHTING AND RECEPTACLE LOADS	[illegible]	6
TOTAL VA LOAD	[illegible]	
TOTAL AMPERAGE	[illegible]	
% TOTAL LOAD	[illegible]	8

NOTES:

1. PEAK DEMAND DATA WAS OBTAINED FROM 30-DAY METERING STUDY PER NEC 230.97. PEAK OCCURED ON SEPTEMBER 18, 2024.
2. ADDED DEMAND LOAD CONSISTS OF NEW TR RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND/OR LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. EXISTING TR DEMAND LOAD IS CAPTURED IN 30-DAY METERING STUDY.
4. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2021), TR RACK LOADS ARE DE-RATED FROM 2000VA TO 200MVA AT THE DISTRIBUTION PANEL.
5. TR RACK LOADS REMOVED TO ACCOUNT FOR REDUNDANT POWER CALCULATIONS; EXISTING TR LOADS ARE ACCOUNTED FOR IN THE EXISTING LOADS ABOVE, AND THE ADDED LOADS CONSIST OF EXISTING TR EQUIPMENT.
6. ADDED LIGHTING AND RECEPTACLE LOADS ARE REMOVED FROM LOAD CALCULATIONS DUE TO DIRECT REPLACEMENT OF RECEPTACLE AND LIGHTING.
7. EXISTING DATA CENTER CAPACITY OBTAINED BY SITE INVESTIGATION IS 300KW.
8. TOTAL PERCENT LOADING IS COMPARED TO UPSTREAM TRANSFORMER SECONDARY SIDE RATING. TRANSFORMER SECONDARY SIDE IS RATED FOR 500A.

SWITCHBOARD "DP-SWB1" CALCULATED LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: [illegible] BUS, [illegible]AT MCB, 480/277V, 3PH

LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD	[illegible]	1
25% OF PEAK DEMAND (NEC 230.97)	[illegible]	
ADDED DEMAND LOAD		
BUILDING 1 - PANELBOARD "E"	[illegible]	2
BUILDING 2 - PANELBOARD "S2-PEDP"	[illegible]	2
BUILDING 11 - DISTRIBUTION PANEL "1B08"		
PANELBOARD "11-TR-HVAC" LOAD	[illegible]	2
DISTRIBUTION PANEL "11-DP-TRB"		
PANELBOARD "11-MM" LOAD	[illegible]	2
PANELBOARD "11-101M" LOAD	[illegible]	2
PANELBOARD "11-201MA" LOAD	[illegible]	2
PANELBOARD "MELT" LOAD	[illegible]	2
PANELBOARD "11-MBM" LOAD	[illegible]	2
PANELBOARD "11-601BM" LOAD	[illegible]	2
PANELBOARD "11-701M" LOAD	[illegible]	2
BUILDING 11 - DISTRIBUTION PANEL "11-SWBD-A"		
"UPS-A" LOAD	[illegible]	7
PANELBOARD "11-PNL-A" LOAD	[illegible]	-
IN ROW COOLER UNIT "11-RC-01-01F"	[illegible]	-
IN ROW COOLER UNIT "11-RC-02-01F"	[illegible]	-
IN ROW COOLER UNIT "11-RC-03-01F"	[illegible]	-
IN ROW COOLER UNIT "11-RC-04-01F"	[illegible]	-
IN ROW COOLER UNIT "11-RC-05-01F"	[illegible]	-
AIR-COOLED CONDENSING UNIT "11-CU-01"	[illegible]	-
AIR-COOLED CONDENSING UNIT "11-CU-02"	[illegible]	-
AIR-COOLED CONDENSING UNIT "11-CU-03"	[illegible]	-
AIR-COOLED CONDENSING UNIT "11-CU-04"	[illegible]	-
AIR-COOLED CONDENSING UNIT "11-CU-05"	[illegible]	-
BUILDING 29 - PANELBOARD "29E"	[illegible]	2
REMOVED LOAD		
BUILDING 1 - RACK REDUCTION - [illegible] (MDA EA. RACK @ [illegible] RACKS TOTAL)	[illegible]	4
BUILDING 1 - EXISTING TR LOADS - [illegible] (MDA EA. @ [illegible] ROOMS TOTAL)	[illegible]	5
BUILDING 2 - RACK REDUCTION - [illegible] (MDA EA. RACK @ [illegible] RACKS TOTAL)	[illegible]	4
BUILDING 2 - EXISTING TR LOADS - [illegible] (MDA EA. @ [illegible] ROOMS TOTAL)	[illegible]	5
BUILDING 11 - RACK REDUCTION - [illegible] (MDA EA. RACK @ [illegible] RACKS TOTAL)	[illegible]	4
BUILDING 11 - EXISTING 300KW-MCB UPS	[illegible]	-
BUILDING 11 - EXISTING TR LOADS - [illegible] (MDA EA. @ [illegible] ROOMS TOTAL)	[illegible]	5
BUILDING 1, 2, 11, 29 - TR LIGHTING AND RECEPTACLE LOADS	[illegible]	6
TOTAL VA LOAD	[illegible]	
TOTAL AMPERAGE	[illegible]	
% TOTAL LOAD	[illegible]	8

NOTES:

1. PEAK DEMAND DATA WAS OBTAINED FROM VA PROVIDED GENERATOR LOAD TEST DATA. PEAK OCCURED ON FEBRUARY 10, 2025.
2. ADDED DEMAND LOAD CONSISTS OF NEW TR RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND/OR LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. EXISTING TR DEMAND LOAD IS CAPTURED IN 30-DAY METERING STUDY.
4. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2021), TR RACK LOADS ARE DE-RATED FROM 2000VA TO 200MVA AT THE DISTRIBUTION PANEL.
5. TR RACK LOADS REMOVED TO ACCOUNT FOR REDUNDANT POWER CALCULATIONS; EXISTING TR LOADS ARE ACCOUNTED FOR IN THE EXISTING LOADS ABOVE, AND THE ADDED LOADS CONSIST OF EXISTING TR EQUIPMENT.
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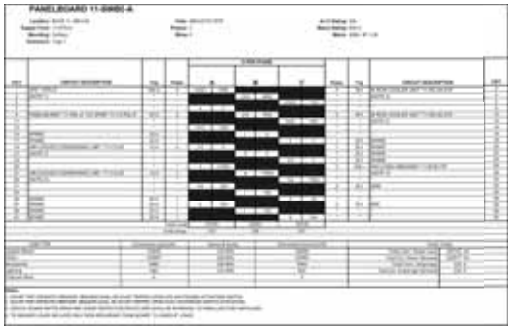
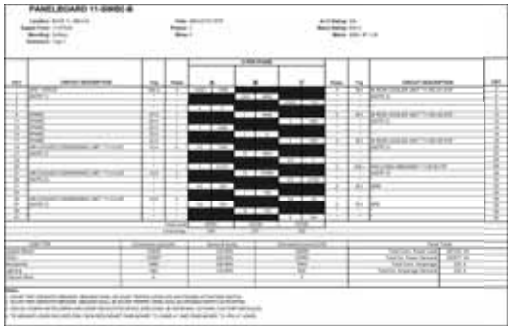
8. TOTAL PERCENT LOADING IS COMPARED TO UPSTREAM TRANSFORMER SECONDARY SIDE RATING. TRANSFORMER SECONDARY SIDE IS RATED FOR 500A.

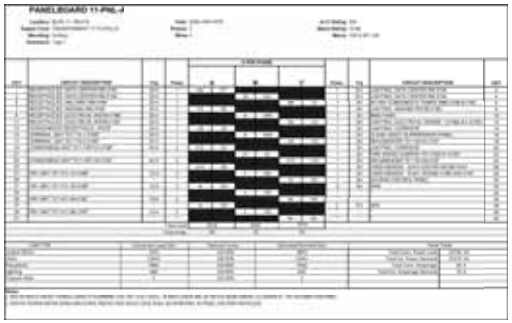
PANELBOARD 11-SWBD-A



PANELBOARD 11-SWBD-B



PANELBOARD 11-PNL-J



ULTIMATE CAPACITY DATA CENTER UPS LOAD SCHEDULE (NOTE 1)

SYSTEM RATINGS: 225KW (OUTPUT) / 225KW FRAME, 480V INPUT / 208V 3PH OUTPUT

LOAD TYPE	W	PF	VA
SERVER ROW #1 (NOTE 2)			[illegible]
SERVER ROW #2 (NOTE 3)			[illegible]
SERVER ROW #3 (NOTE 4)			[illegible]
TOTAL VA LOAD			[illegible]
TOTAL AMPERAGE			[illegible]
ULTIMATE CAPACITY - ESTIMATED PERCENT RUNNING LOAD (NOTE 5)			[illegible]
EXISTING CAPACITY - ESTIMATED PERCENT RUNNING LOAD (NOTE 5)			[illegible]

NOTES:

1. SCHEDULE PROVIDED FOR A SIDE UPS ONLY. B SIDE UPS PROVIDES REDUNDANT POWER TO THE REDUNDANT MDA AND SERVER CABINET ROW BUSWAYS. UPS RATED FOR MINIMUM 10 MINUTE RUNTIME AT FULL LOAD.
2. BUSWAY #1 CONSISTS OF 3 MDA CABINETS AND 1 MDA CABINET (2 ACTIVE MDA RACKS AT 5.5kVA EACH, 1 PASSIVE MDA RACK, AND 1 MDA CABINETS AT 3.3kVA EACH).
3. BUSWAY #2 CONSISTS OF 5 SERVER RACKS, 3 MDA CABINETS, AND 1 MDA CABINET (5 SERVER CABINETS AT 5kVA EACH, 2 ACTIVE MDA RACKS AT 5.5kVA EACH, 1 PASSIVE MDA RACK, AND 1 MDA CABINETS AT 3.3kVA EACH).
4. BUSWAY #3 CONSISTS OF 5 SERVER RACKS (5 SERVER CABINETS AT 5kVA EACH).
5. EXISTING UPS CAPACITY IS 300K. CONTRACTOR SHALL PROVIDE 225KW FRAME UPS WITH (1) 2MW POWER MODULE TO SUPPORT EXISTING LOAD. REFERENCE ONE-LINE DIAGRAMS ON SHEETS 11-EP602, 11-EP604, AND 11-EP605 FOR ADDITIONAL INFORMATION.

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SCHEDULES

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

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Project Number: 671A4-21-700

Building Number: 11

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VA FORM 08 - 6231

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2. FOR ALL "REVISED" PANEL SCHEDULES REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE FOR OVERALL PANEL LOAD. "REVISED" PANEL SCHEDULES ON THIS SHEET ARE SHOWN FOR ADDED BRANCH CIRCUIT SIZING ONLY.
3. ALL DIGITAL POWER METERS (DPM) AND SURGE PROTECTIVE DEVICES (SPD) ARE INTEGRAL TO ELECTRICAL DISTRIBUTION EQUIPMENT, UNLESS OTHERWISE NOTED.
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DATA CENTER - CONDUIT AND WIRE SCHEDULE - VA TX KERRVILLE EHRM UPGRADES

CONDUIT TAG	SERVICE	ROUTING		CONDUIT		CONDUCTORS		VOLTAGE DROP	FAULT CURRENT	NOTES
		FROM	TO	QTY	SIZE	(QTY) & SIZE	GROUND SIZE			
DC-P-01	SWITCHBOARD "11-SWBD-A"	SWITCHBOARD "GR-DPE1"	AUTOMATIC TRANSFER SWITCH "11-ATS-A"	2	2-1/2"	(4) 3/0 AWG	3 AWG	0.36%	-	-
DC-P-02	SWITCHBOARD "11-SWBD-B"	SWITCHBOARD "GR-DPE1"	AUTOMATIC TRANSFER SWITCH "11-ATS-B"	2	2-1/2"	(4) 3/0 AWG	3 AWG	0.48%	-	-
DC-P-03	SWITCHBOARD "11-SWBD-A"	DISTRIBUTION PANEL "MSDE"	AUTOMATIC TRANSFER SWITCH "11-ATS-A"	2	2-1/2"	(4) 3/0 AWG	3 AWG	0.94%	12,620	-
DC-P-04	SWITCHBOARD "11-SWBD-B"	DISTRIBUTION PANEL "MSDE"	AUTOMATIC TRANSFER SWITCH "11-ATS-B"	2	2-1/2"	(4) 3/0 AWG	3 AWG	0.40%	13,242	-
DC-P-05	SWITCHBOARD "11-SWBD-A"	AUTOMATIC TRANSFER SWITCH "11-ATS-A"	SWITCHBOARD "11-SWBD-A"	2	2-1/2"	(4) 3/0 AWG	3 AWG	2.22%	6,959	-
DC-P-06A	PANEL "11-PNL-A"	SWITCHBOARD "11-SWBD-A"	TRANSFORMER "11-TX-PNL-A"	1	2"	(3) 8 AWG	10 AWG	2.25%	8,666	-
DC-P-06B	PANEL "11-PNL-A"	TRANSFORMER "11-T1-PNL-A"	PANEL "11-PNL-A"	1	1-1/4"	(4) 3 AWG	8 AWG	0.15%	1,484	-
DC-P-07	ACCESS CONTROL PANEL	PANEL "11-PNL-A"	ACCESS CONTROL PANEL	1	3/4"	(2) 10 AWG	10 AWG	0.15%	-	-
DC-P-08	UNINTERRUPTIBLE POWER SUPPLY "UPS-A"	SWITCHBOARD "11-SWBD-A"	UNINTERRUPTIBLE POWER SUPPLY "UPS-A"	1	3"	(3) 350 KCMIL	3 AWG	2.32%	8,692	-
DC-P-09	IN-ROW COOLER "11-RC-02-019"	SWITCHBOARD "11-SWBD-A"	IN-ROW COOLER "11-RC-02-019"	1	1"	(3) 6 AWG	6 AWG	2.63%	>6,958	-
DC-P-10	IN-ROW COOLER "11-RC-04-019"	SWITCHBOARD "11-SWBD-A"	IN-ROW COOLER "11-RC-04-019"	1	1"	(3) 10 AWG	10 AWG	2.40%	>6,958	-
DC-P-11	OVERHEAD BUSWAY "A3"	UNINTERRUPTIBLE POWER SUPPLY "UPS-A"	OVERHEAD BUSWAY "A3"	1	1-1/4"	(4) 3 AWG	8 AWG	0.23%	N/A	-
DC-P-12	OVERHEAD BUSWAY "A2"	UNINTERRUPTIBLE POWER SUPPLY "UPS-A"	OVERHEAD BUSWAY "A2"	1	3"	(4) 250 KCMIL	4 AWG	0.17%	-	-
DC-P-13	OVERHEAD BUSWAY "A1"	UNINTERRUPTIBLE POWER SUPPLY "UPS-A"	OVERHEAD BUSWAY "A1"	1	1-1/4"	(4) 3 AWG	8 AWG	0.13%	-	-
DC-P-14	SWITCHBOARD "11-SWBD-B"	AUTOMATIC TRANSFER SWITCH "11-ATS-B"	SWITCHBOARD "11-SWBD-B"	2	2-1/2"	(4) 3/0 AWG	3 AWG	2.57%	6,975	-
DC-P-15	IN-ROW COOLER "11-RC-01-019"	SWITCHBOARD "11-SWBD-B"	IN-ROW COOLER "11-RC-01-019"	1	1"	(3) 8 AWG	8 AWG	2.69%	>6,975	-
DC-P-16	IN-ROW COOLER "11-RC-03-019"	SWITCHBOARD "11-SWBD-B"	IN-ROW COOLER "11-RC-03-019"	1	1"	(3) 8 AWG	8 AWG	2.74%	>6,975	-
DC-P-17	IN-ROW COOLER "11-RC-05-019"	SWITCHBOARD "11-SWBD-B"	IN-ROW COOLER "11-RC-05-019"	1	1"	(3) 6 AWG	6 AWG	2.74%	>6,975	-
DC-P-18	UNINTERRUPTIBLE POWER SUPPLY "UPS-B"	SWITCHBOARD "11-SWBD-B"	UNINTERRUPTIBLE POWER SUPPLY "UPS-B"	1	3"	(3) 350 KCMIL	3 AWG	2.87%	8,682	-
DC-P-19	OVERHEAD BUSWAY "B1"	UNINTERRUPTIBLE POWER SUPPLY "UPS-B"	OVERHEAD BUSWAY "B1"	1	1-1/4"	(4) 3 AWG	8 AWG	0.21%	-	-
DC-P-20	OVERHEAD BUSWAY "B2"	UNINTERRUPTIBLE POWER SUPPLY "UPS-B"	OVERHEAD BUSWAY "B2"	1	3"	(4) 250 KCMIL	4 AWG	0.05%	-	-
DC-P-21	OVERHEAD BUSWAY "B3"	UNINTERRUPTIBLE POWER SUPPLY "UPS-B"	OVERHEAD BUSWAY "B3"	1	1-1/4"	(4) 3 AWG	8 AWG	0.06%	-	-
DC-P-22A	ENCLOSED CIRCUIT BREAKER "11-ECB-TE"	SWITCHBOARD "11-SWBD-A"	ENCLOSED CIRCUIT BREAKER "11-ECB-TE"	2	2-1/2"	(4) 3/0 AWG	3 AWG	2.30%	6,975	-
DC-P-22B	ENCLOSED CIRCUIT BREAKER "11-ECB-TE"	SWITCHBOARD "11-SWBD-B"	ENCLOSED CIRCUIT BREAKER "11-ECB-TE"	2	2-1/2"	(4) 3/0 AWG	3 AWG	2.61%	6,975	-
DC-P-23	VRF UNIT "11-VRF-02-019B"	PANELBOARD "11-PNL-A"	VRF UNIT "11-VRF-02-019B"	1	3/4"	(2) 10 AWG	10 AWG	1.64%	<1,464	-
DC-P-24	VRF UNIT "11-VRF-02-019C"	PANELBOARD "11-PNL-A"	VRF UNIT "11-VRF-02-019C"	1	3/4"	(2) 10 AWG	10 AWG	1.39%	<1,464	-
DC-P-25	AIR COOLED CONDENSING UNIT "11-CU-01"	SWITCHBOARD "11-SWBD-B"	AIR COOLED CONDENSING UNIT "11-CU-01" VIA DISCONNECT	1	3/4"	(2) 10 AWG	10 AWG	2.27%	>6975	
DC-P-26	AIR COOLED CONDENSING UNIT "11-CU-02"	SWITCHBOARD "11-SWBD-A"	AIR COOLED CONDENSING UNIT "11-CU-02" VIA DISCONNECT	1	3/4"	(2) 10 AWG	10 AWG	2.82%	>6958	
DC-P-27	AIR COOLED CONDENSING UNIT "11-CU-03"	SWITCHBOARD "11-SWBD-B"	AIR COOLED CONDENSING UNIT "11-CU-03" VIA DISCONNECT	1	3/4"	(2) 10 AWG	10 AWG	2.27%	>6975	
DC-P-28	AIR COOLED CONDENSING UNIT "11-CU-04"	SWITCHBOARD "11-SWBD-A"	AIR COOLED CONDENSING UNIT "11-CU-04" VIA DISCONNECT	1	3/4"	(2) 10 AWG	10 AWG	2.82%	>6958	
DC-P-29	AIR COOLED CONDENSING UNIT "11-CU-05"	SWITCHBOARD "11-SWBD-B"	AIR COOLED CONDENSING UNIT "11-CU-05" VIA DISCONNECT	1	3/4"	(2) 10 AWG	10 AWG	2.27%	>6975	

NOTE(S):
1. NEUTRAL IS UPSIZED.

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SCHEDULES

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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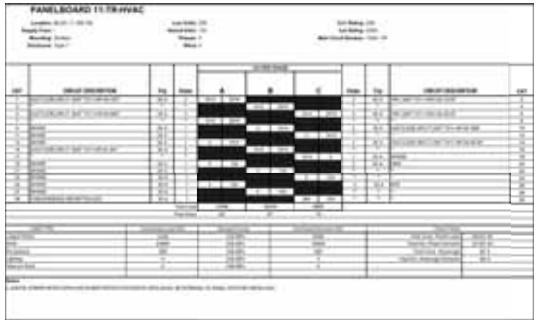
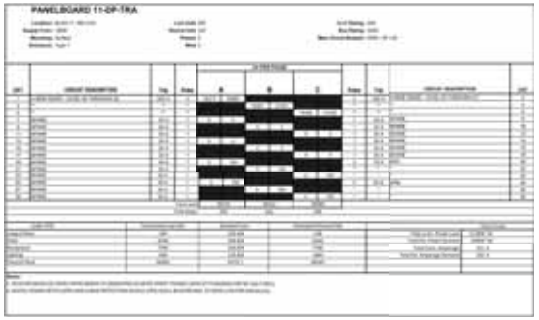




GENERAL NOTES

1. CONTRACTOR SHALL UPDATE ALL PANEL CIRCUIT DIRECTORIES TO INDICATE IN ANY AND ALL CHANGES; ALL REVISED CIRCUIT DIRECTORIES SHALL BE TYPEWRITTEN.
2. FOR ALL "REVISED" PANEL SCHEDULES REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE FOR OVERALL PANEL LOAD. "REVISED" PANEL SCHEDULES ON THIS SHEET ARE SHOWN FOR ADDED BRANCH CIRCUIT SIZING ONLY.
3. ALL DIGITAL POWER METERS (DPM) AND SURGE PROTECTIVE DEVICES (SPD) ARE INTEGRAL TO ELECTRICAL DISTRIBUTION EQUIPMENT, UNLESS OTHERWISE NOTED.
4. SCHEDULES WITH GREY TEXT INDICATE EXISTING PANELBOARD RATINGS, CIRCUITS, AND LOADS. BLACK TEXT INDICATES REVISED CIRCUITS, PROVIDED EQUIPMENT, AND ADDITIONAL LOAD.

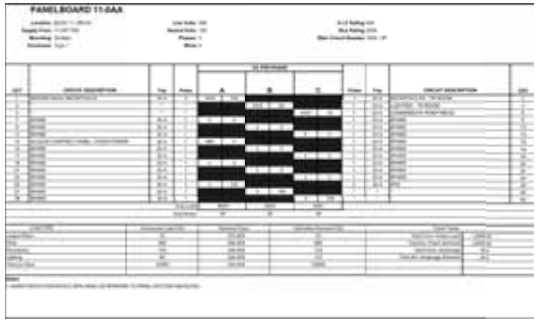
LOAD SCHEDULE - A-SIDE RISER - LEVEL 00 THROUGH 02

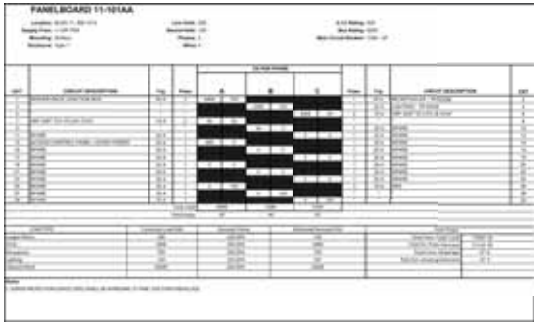
RISER RATINGS: 225A, 208V, 3PH

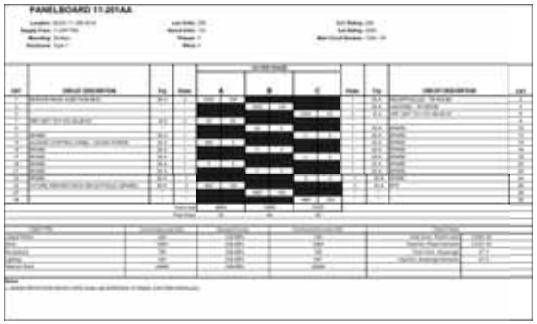
LOAD TYPE	VA	NOTES
ADDED LOAD		
PANELBOARD "11-0AA"	11810	1
PANELBOARD "11-101AA"	17110	1
PANELBOARD "11-201AA"	17181	1
REMOVED LOAD		
RISER RACK REDUCTION (-1.5kVA EA. RACK @ 6 RACKS TOTAL)	-12000	2
TOTAL VA LOAD	54024	
TOTAL AMPERAGE	86	
% TOTAL LOAD	63%	3

NOTES:

1. REFERENCE ASSOCIATED PANEL SCHEDULE FOR PONE DETAILED CIRCUITING INFORMATION.
2. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2021), TR RACK LOADS ARE DERATED FROM 3000VA PER RACK TO 1500VA AT THE DISTRIBUTION PANEL.
3. TOTAL LOAD IS LESS THAN 80%. RISER IS SIZED ADEQUATELY.







Revisions:	Date:	CONSULTANT/ DISCIPLINE DISCIPLINE:	ARCHITECT/ ENGINEER OF RECORD A/E: SPEES DESIGN BUILD 23830 PACIFIC HIGHWAY S. SUITE 300 KENT, WA 98032

STAMP: 1-22-26

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SCHEDULES	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Building Number: 11
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	Drawing Number: 11-EP703
			242 of 339

VA FORM 08 - 6231

24/11/2025 4:21:37 am

Autodesk Docs://671A4-21-700 VA/TX Kerrville EHRM/VA KERRVILLE - GENERAL SHEETS.rvt

LOAD SCHEDULE - A SIDE RISER - LEVEL 03 THROUGH 07		
RISER RATINGS: 225A, 208V, 3PH		
LOAD TYPE	VA	NOTES
ADDED LOAD		
PANELBOARD "11-3MA"	11987	1
PANELBOARD "48CT"	38000	2
PANELBOARD "11-5MA"	11813	1
PANELBOARD "11-4011BA"	11887	1
PANELBOARD "11-702A"	11887	1
REMOVED LOAD		
RISER RACK REDUCTION = 1.5kVA EA. RACK @ 11 RACKS TOTAL)	-16500	3
TOTAL VA LOAD	49014	
TOTAL AMPERAGE	136	
% TOTAL LOAD	60%	4

NOTES:

1. REFERENCE ASSOCIATED PANEL SCHEDULE FOR FORE DETAILED CIRCUITING INFORMATION.
2. LOAD TAKEN FROM SHEET ES-503 FROM PROJECT #671A4-18-112, "(MA) PHASE 3 AT KERRVILLE BUILDING 11."
3. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2021), TR-RACK LOADS ARE DERATED FROM 3000VA PER RACK TO 3000VA AT THE DISTRIBUTION PANEL.
4. TOTAL LOAD IS LESS THAN 80%. RISER IS SIZED ADEQUATELY.

PANELBOARD 11-3MA

PANELBOARD 48CT (REVISED)

PANELBOARD 11-5MA

PANELBOARD 11-4011BA

PANELBOARD 11-702A

GENERAL NOTES

1. CONTRACTOR SHALL UPDATE ALL PANEL CIRCUIT DIRECTORIES TO INDICATE IN ANY AND ALL CHANGES; ALL REVISED CIRCUIT DIRECTORIES SHALL BE TYPEWRITTEN.
2. FOR ALL "REVISED" PANEL SCHEDULES REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE FOR OVERALL PANEL LOAD. "REVISED" PANEL SCHEDULES ON THIS SHEET ARE SHOWN FOR ADDED BRANCH CIRCUIT SIZING ONLY.
3. ALL DIGITAL POWER METERS (DPM) AND SURGE PROTECTIVE DEVICES (SPD) ARE INTEGRAL TO ELECTRICAL DISTRIBUTION EQUIPMENT, UNLESS OTHERWISE NOTED.
4. SCHEDULES WITH GREY TEXT INDICATE EXISTING PANELBOARD RATINGS, CIRCUITS, AND LOADS. BLACK TEXT INDICATES REVISED CIRCUITS, PROVIDED EQUIPMENT, AND ADDITIONAL LOAD.

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SCHEDULES

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 11

Drawing Number: 11-EP704

VA FORM 08 - 6231

24/11/2025 4:21:44 am

Autodesk Docs://671A4-21-700 VA/TX Kerrville EHRM/VA KERRVILLE - GENERAL SHEETS.rvt

GENERAL NOTES

1. CONTRACTOR SHALL UPDATE ALL PANEL CIRCUIT DIRECTORIES TO INDICATE IN ANY AND ALL CHANGES; ALL REVISED CIRCUIT DIRECTORIES SHALL BE TYPEWRITTEN.
2. FOR ALL "REVISED" PANEL SCHEDULES REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE FOR OVERALL PANEL LOAD. "REVISED" PANEL SCHEDULES ON THIS SHEET ARE SHOWN FOR ADDED BRANCH CIRCUIT SIZING ONLY.
3. ALL DIGITAL POWER METERS (DPM) AND SURGE PROTECTIVE DEVICES (SPD) ARE INTEGRAL TO ELECTRICAL DISTRIBUTION EQUIPMENT, UNLESS OTHERWISE NOTED.
4. SCHEDULES WITH GREY TEXT INDICATE EXISTING PANELBOARD RATINGS, CIRCUITS, AND LOADS. BLACK TEXT INDICATES REVISED CIRCUITS, PROVIDED EQUIPMENT, AND ADDITIONAL LOAD.

PANELBOARD "MSB-A" METERING AND LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: 2000A (US, 3000A(T MCB), 208/120V, 3PH

LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD	[illegible]	
25% OF PEAK DEMAND (NEC 220.87)	[illegible]	
ADDED DEMAND LOAD		
DISTRIBUTION PANEL "11-DP-TRB"		
PANELBOARD "11-0AB" LOAD	11020	
PANELBOARD "11-101AB" LOAD	[illegible]	
PANELBOARD "11-201AB" LOAD	[illegible]	
PANELBOARD "11-301B" LOAD	11020	
PANELBOARD "11-401B" LOAD	[illegible]	
PANELBOARD "11-501B" LOAD	11020	
PANELBOARD "11-601B" LOAD	11020	
PANELBOARD "11-701B" LOAD	11020	
REMOVED LOAD		
BUILDING 11 - RACK REDUCTION (1.5kVA EA. RACK @ 18 RACKS TOTAL)	-47000	1
TOTAL VA LOAD	[illegible]	
TOTAL AMPERAGE	[illegible]	
% TOTAL LOAD	[illegible]	1

NOTES:
1. PEAK DEMAND DATA FROM SWITCHBOARD "MSB-A" METER WAS UTILIZED FOR LOAD CALCULATION. DATA OBTAINED APRIL 13, 2023
2. ADDED DEMAND LOAD CONSISTS OF NEW TR RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND/OR LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2021), TR RACK LOADS ARE DE-RATED FROM [illegible] TO 2000VA AT THE DISTRIBUTION PANEL.
4. TOTAL PERCENT LOADING IS COMPARED TO MAIN CIRCUIT BREAKER RATING. MAIN CIRCUIT BREAKER IS RATED FOR 3000A.

PANELBOARD "LANA" METERING AND LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: [illegible] (US, [illegible]T MCB), 208/120V, 3PH

LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD	[illegible]	
25% OF PEAK DEMAND (NEC 220.87)	[illegible]	
ADDED DEMAND LOAD		
PANELBOARD "11-0AB" LOAD	[illegible]	
PANELBOARD "11-101B" LOAD	[illegible]	
PANELBOARD "11-201AB" LOAD	[illegible]	
PANELBOARD "11-401B" LOAD	[illegible]	
PANELBOARD "11-501B" LOAD	[illegible]	
PANELBOARD "11-601B" LOAD	[illegible]	
PANELBOARD "11-701B" LOAD	[illegible]	
REMOVED LOAD		
BUILDING 11 - RACK REDUCTION (1.5kVA EA. RACK @ 18 RACKS TOTAL)	-47000	1
TOTAL VA LOAD	[illegible]	
TOTAL AMPERAGE	[illegible]	
% TOTAL LOAD	[illegible]	1

NOTES:
1. PEAK DEMAND DATA WAS OBTAINED FROM 30-DAY METERING STUDY PER NEC 220.87. PEAK OCCURED ON SEPTEMBER 13, 2024
2. ADDED DEMAND LOAD CONSISTS OF NEW TR RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND/OR LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2021), TR RACK LOADS ARE DE-RATED FROM [illegible] TO 2000VA AT THE DISTRIBUTION PANEL.
4. TOTAL PERCENT LOADING IS COMPARED TO MAIN CIRCUIT BREAKER RATING. MAIN CIRCUIT BREAKER IS RATED FOR 3000A.

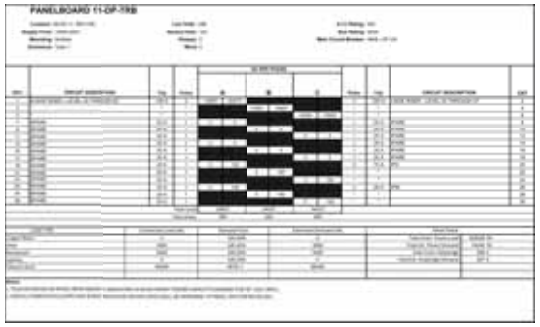
LOAD SCHEDULE - B-SIDE RISER - LEVEL 00 THROUGH 03

RISER RATINGS: 110A, 208V, 3PH

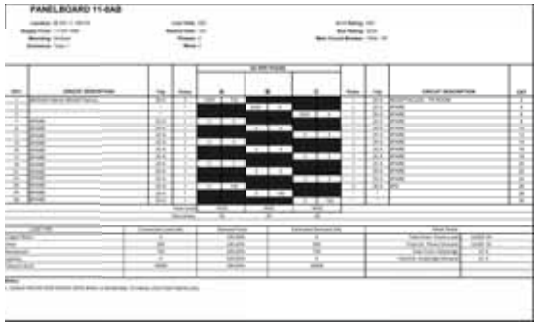
LOAD TYPE	VA	NOTES
ADDED LOAD		
PANELBOARD "11-0AB"	11020	1
PANELBOARD "11-101AB"	[illegible]	1
PANELBOARD "11-201AB"	[illegible]	1
REMOVED LOAD		
RISER RACK REDUCTION (1.5kVA EA. RACK @ 6 RACKS TOTAL)	-12000	2
TOTAL VA LOAD	51860	
TOTAL AMPERAGE	[illegible]	
% TOTAL LOAD	57%	3

NOTES:
1. REFERENCE ASSOCIATED PANEL SCHEDULE FOR PEAK DETAILED CIRCUITING INFORMATION.
2. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2021), TR RACK LOADS ARE DE-RATED FROM 3000VA PER RACK TO 2000VA AT THE DISTRIBUTION PANEL.
3. TOTAL LOAD IS LESS THAN 80%. RISER IS SIZED ADEQUATELY.

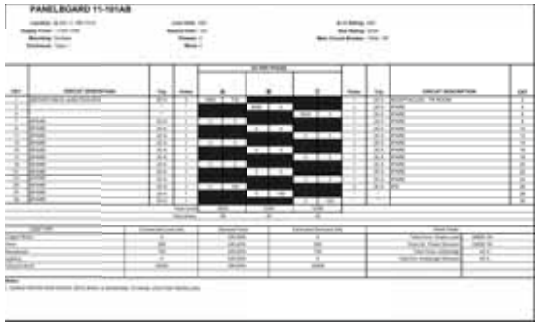
PANELBOARD 11-DP-TRB



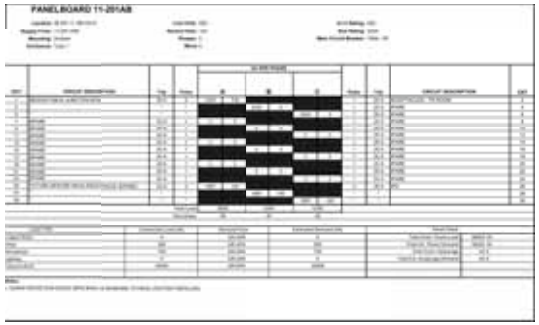
PANELBOARD 11-0AB



PANELBOARD 11-101AB



PANELBOARD 11-201AB



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	ELECTRICAL SCHEDULES
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	SHM/SGG
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11-EP705

VA FORM 08 - 6231

24/11/2025 4:21:50 am

Autodesk Docs://671A4-21-700 VA/TX Kerrville EHRM/VA KERRVILLE - GENERAL SHEETS.rvt

LOAD SCHEDULE - B-SIDE RISER - LEVEL 02 THROUGH 07		
RISER RATINGS: 225A, 208V, 3PH		
LOAD TYPE	VA	NOTES
NODES LOAD:		
PANELBOARD "11-3888"	11020	1
PANELBOARD "11-457B"	19500	1
PANELBOARD "11-560B"	11020	1
PANELBOARD "11-601BB"	11020	1
PANELBOARD "11-703B"	11020	1
REMOVED LOAD:		
RISER RACK REDUCTION (-1.5kVA EA. RACK @ 13 RACKS TOTAL)	-19500	2
TOTAL VA LOAD	42860	
TOTAL AMPERAGE	119	
% TOTAL LOAD	53%	3

NOTES:

1. REFERENCE ASSOCIATED PANEL SCHEDULE FOR MORE DETAILED CIRCUITING INFORMATION.
2. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2021), TR RACK LOADS ARE DERATED FROM 5000VA PER RACK TO 3500VA AT THE DISTRIBUTION PANEL.
3. TOTAL LOAD IS LESS THAN 80%. RISER IS SIZED ADEQUATELY.

PANELBOARD 11-3888

PANELBOARD 11-457B

PANELBOARD 11-560B

PANELBOARD 11-601BB

PANELBOARD 11-703B

GENERAL NOTES

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4. SCHEDULES WITH GREY TEXT INDICATE EXISTING PANELBOARD RATINGS, CIRCUITS, AND LOADS. BLACK TEXT INDICATES REVISED CIRCUITS, PROVIDED EQUIPMENT, AND ADDITIONAL LOAD.

BLDG 11 - CONDUIT AND WIRE SCHEDULE - 24.13 KERRVILLE SOMM UPGRADES

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

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23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ELECTRICAL SCHEDULES	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Building Number: 11
		Issue Date: 11/21/2025 · Checked: SHM/SGG · Drawn: RTS/ONI	Drawing Number: 11-EP706

245 of 339

VA FORM 08 - 6231

24/11/2025 4:21:57 am

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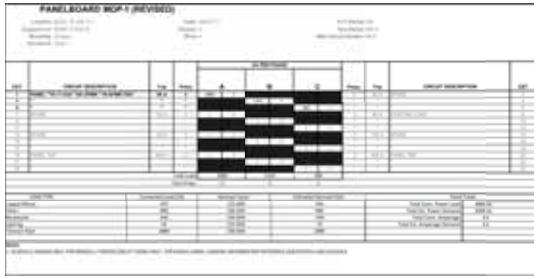
PANELBOARD "MDP-1" METERING AND LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: 800A BUS, PB15, 480/277V, 3PH

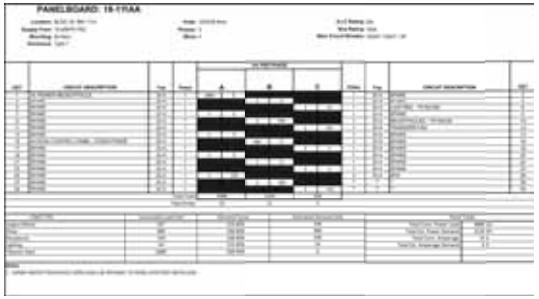
LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD:	509,640	1
25% OF PEAK DEMAND (NEC 220.87):	127,410	
ADDED DEMAND LOAD:		
PANELBOARD "18-111AB"	27,720	2
DEPICATED LOAD: N/A		
TOTAL VA LOAD:	537,360	
TOTAL AMPERAGE:	1118	
% TOTAL LOADS:	70%	3

NOTES:

1. PEAK DEMAND DATA WAS OBTAINED FROM 30-DAY METERING STUDY PER NEC 220.87. PEAK OCCURED ON NOVEMBER 22, 2024.
2. ADDED DEMAND LOAD CONSISTS OF NEW TE RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND/OR LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. TOTAL PERCENT LOADING IS COMPARED TO EQUIPMENT FEEDER CONDUCTOR RATING. EQUIPMENT FEEDER IS 1600KCMIL AND RATED FOR 2800A.



PANELBOARD MDP-1 (REVISED)



PANELBOARD: 18-111AA

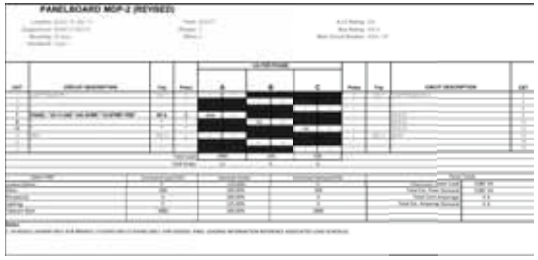
PANELBOARD "MDP-2" METERING AND LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: 4000 FUS, 4000/1 MCB, 480/277V, 3PH

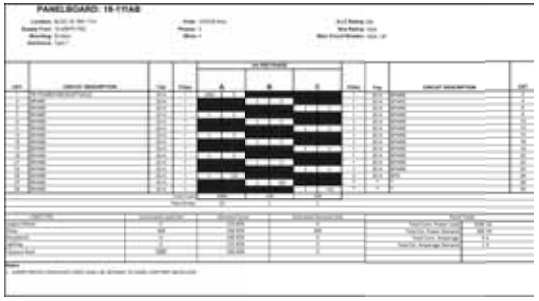
LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD:	1,022,047	1
25% OF PEAK DEMAND (NEC 220.87):	255,512	
ADDED DEMAND LOAD:		
PANELBOARD "18-111AB"	27,720	2
DEPICATED LOAD: N/A		
TOTAL VA LOAD:	1,049,767	
TOTAL AMPERAGE:	2185	
% TOTAL LOADS:	74%	3

NOTES:

1. PEAK DEMAND DATA WAS OBTAINED FROM 30-DAY METERING STUDY PER NEC 220.87. PEAK OCCURED ON SEPTEMBER 26, 2024.
2. ADDED DEMAND LOAD CONSISTS OF NEW TE RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND/OR LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. TOTAL PERCENT LOADING IS COMPARED TO MAIN CIRCUIT BREAKER RATING. MAIN CIRCUIT BREAKER RATING IS RATED FOR 4000A.



PANELBOARD MDP-2 (REVISED)



PANELBOARD: 18-111AB

GENERAL NOTES

1. CONTRACTOR SHALL UPDATE ALL PANEL CIRCUIT DIRECTORIES TO INDICATE IN ANY AND ALL CHANGES; ALL REVISED CIRCUIT DIRECTORIES SHALL BE TYPEWRITTEN.
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BLDG 18 - CONDUIT AND WIRE SCHEDULE - VA TX KERRVILLE EHRM UPGRADES

CONDUIT TAG	SERVICE	ROUTING		CONDUIT		CONDUCTORS		VOLTAGE DROP	FAULT CURRENT	NOTES
		FROM	TO	QTY	SIZE	(QTY) & SIZE	GROUND SIZE			
18-P-1A	PANEL "18-111AA"	PANELBOARD "MDP-1"	TRANSFORMER "18-XFMR-TRA"	1	3/4"	(3) 8 AWG	10 AWG	0.55%	≈13,071	-
18-P-1B	PANEL "18-111AA"	TRANSFORMER "18-XFMR-TRA"	PANEL "18-111AA"	1	1 1/4"	(4) 3 AWG	8 AWG	0.13%	1,498	-
18-P-02	TE 111A - A SIDE	PANEL "18-111AA"	TE 111A - A SIDE	1	3/4"	(2) 10 AWG	10 AWG	0.76%	≈1,496	-
18-P-3A	PANEL "18-111AB"	PANELBOARD "MDP-2"	TRANSFORMER "18-XFMR-TRB"	1	3/4"	(3) 8 AWG	10 AWG	0.82%	≈14,356	-
18-P-3B	PANEL "18-111AB"	TRANSFORMER "18-XFMR-TRB"	PANEL "18-111AB"	1	1 1/4"	(4) 3 AWG	8 AWG	0.08%	1,528	-
18-P-04	TE 111A - B SIDE	PANEL "18-111AB"	TE 111A - B SIDE	1	3/4"	(2) 10 AWG	10 AWG	0.71%	≈1,528	-

NOTE(S):

1. NONE.

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SCHEDULES

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 18

Drawing Number: 18-EP701

VA FORM 08 - 6231

24/11/2025 4:22:03 am

Autodesk Docs://671A4-21-700 VA/TX Kerrville EHRM/VA KERRVILLE - GENERAL SHEETS.rvt

GENERAL NOTES

1. CONTRACTOR SHALL UPDATE ALL PANEL CIRCUIT DIRECTORIES TO INDICATE IN ANY AND ALL CHANGES; ALL REVISED CIRCUIT DIRECTORIES SHALL BE TYPEWRITTEN.
2. FOR ALL "REVISED" PANEL SCHEDULES REFERENCE ASSOCIATED EQUIPMENT LOAD SCHEDULE FOR OVERALL PANEL LOAD. "REVISED" PANEL SCHEDULES ON THIS SHEET ARE SHOWN FOR ADDED BRANCH CIRCUIT SIZING ONLY.
3. ALL DIGITAL POWER METERS (DPM) AND SURGE PROTECTIVE DEVICES (SPD) ARE INTEGRAL TO ELECTRICAL DISTRIBUTION EQUIPMENT, UNLESS OTHERWISE NOTED.
4. SCHEDULES WITH GREY TEXT INDICATE EXISTING PANELBOARD RATINGS, CIRCUITS, AND LOADS. BLACK TEXT INDICATES REVISED CIRCUITS, PROVIDED EQUIPMENT, AND ADDITIONAL LOAD.

TRANSFORMER "PRIMS" METERING AND LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: 112.5kVA TRANSFORMER, SECONDARY FLA OF 2128, 208/120V, 3PH, 4W

LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD	[illegible]	[illegible]
25% OF PEAK DEMAND (NEC 220.87)	[illegible]	
ADDED DEMAND LOAD		
BUILDING 29 - TE 201 B-SIDE RECEPTACLE	[illegible]	[illegible]
BUILDING 63 - PANELBOARD "TEL 1C-1A8"	[illegible]	[illegible]
REMOVED LOAD		
BUILDING 91 - RACK REDUCTION ([illegible] EA. RACK @ [illegible] RACKS TOTAL)	[illegible]	[illegible]
TOTAL VA LOAD	[illegible]	
TOTAL AMPERAGE	[illegible]	
% TOTAL LOAD	[illegible]	[illegible]

NOTES:
1. PEAK DEMAND DATA WAS OBTAINED FROM 30-DAY METERING STUDY PER NEC 220.87. PEAK OCCURRED ON SEPTEMBER 4, 2024.
2. ADDED DEMAND LOAD CONSISTS OF NEW TE RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND/OR LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. PER VA WHITE PAPER "POWER CAPACITY PLANNING FOR TRS" (JULY 2021), TR RACK LOADS ARE 35 WATTS FROM NAMVA TO 350W AT THE DISTRIBUTION EQUIPMENT.
4. TOTAL PERCENT LOADING IS COMPARED TO TRANSFORMER SECONDARY FULL LOAD AMPERAGE. SECONDARY FULL LOAD AMPERAGE IS 2128.

PANELBOARD "1-28A" METERING AND LOAD INFORMATION SCHEDULE

SYSTEM RATINGS: 225A (UL 225A/7 PCB), 208/120V, 3PH

LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD	[illegible]	[illegible]
25% OF PEAK DEMAND (NEC 220.87)	[illegible]	
ADDED DEMAND LOAD		
TE 201 - B-SIDE RECEPTACLE	[illegible]	[illegible]
TOTAL VA LOAD	[illegible]	
TOTAL AMPERAGE	[illegible]	
% TOTAL LOAD	[illegible]	[illegible]

NOTES:
1. PEAK DEMAND DATA WAS OBTAINED FROM 30-DAY METERING STUDY PER NEC 220.87. PEAK OCCURRED ON NOVEMBER 6, 2024.
2. ADDED DEMAND LOAD CONSISTS OF NEW TE RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND/OR LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. TOTAL PERCENT LOADING IS COMPARED TO MAIN CIRCUIT BREAKER RATING. MAIN CIRCUIT BREAKER IS RATED FOR 225A.

PANELBOARD: 1-28A (EXISTING)

[illegible]

PANELBOARD 1-28A (REVISED)

[illegible]

PANELBOARD 29E (REPLACEMENT)

[illegible]

PANELBOARD: 29-201A

[illegible]

BLDG 29 - CONDUIT AND WIRE SCHEDULE : VA TS KERRVILLE EHRM UPGRADES

CONDUIT TAG	SERVICE	ROUTING FROM	ROUTING TO	CONDUIT QTY	CONDUIT SIZE	CONDUCTORS (QTY) & SIZE	GROUND SIZE	VOLTAGE DROP	FAULT CURRENT	NOTES
29-P-01	PANELBOARD "29E"	PANELBOARD "1-1E8"	PANELBOARD "29E"	1	2"	(4) 1/0 AWG	6 AWG	1.87%	1,802	-
29-P-02	PANELBOARD "29-201A"	PANELBOARD "29E"	PANELBOARD "29-201A"	1	1-1/4"	(4) 3 AWG	8 AWG	1.31%	1,596	-
29-P-03	TE 201 - B-SIDE RECEPTACLE	PANELBOARD "1-28A"	TE 201 - B-SIDE RECEPTACLE	1	3/4"	(2) 6 AWG	8 AWG	2.25%	48,081	-
29-P-04	TE 201 - A-SIDE RECEPTACLE	PANELBOARD "29-201A"	TE 201 - A-SIDE RECEPTACLE	1	3/4"	(2) 10 AWG	10 AWG	3.23%	11,596	-

NOTES(S):
1. NONE

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

SPEESDESIGNBUILD

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1-22-26

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SCHEDULES

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 29

Drawing Number: 29-EP701

VA FORM 08 - 6231

24/11/2025 4:22:08 am

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SWITCHBOARD "SPHP" CALCULATED LOAD INFORMATION SCHEDULE

ELECTRICAL RATINGS: 1600A BUS, 1200A MCB, 480/277V, 3PH

LOAD TYPE	VA	NOTES
ADDED DEMAND LOAD		
PANELBOARD "46-A"	[illegible]	[illegible]
TE 101 - B-SIDE RECEPTACLE	[illegible]	[illegible]
REMOVED LOAD		
BUILDING 46 - EXISTING TELECOM CLOSET LOADS	[illegible]	[illegible]
TOTAL VA LOAD	[illegible]	
TOTAL AMPERAGE	[illegible]	
% TOTAL LOAD	[illegible]	[illegible]

NOTES:

1. ADDED DEMAND LOAD CONSISTS OF NEW TE RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND/OR LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
2. REGUNDANT B-SIDE OVERHEAD RECEPTACLE LOAD IS NOT INCLUDED IN POWER CALCULATIONS AS LOADS DO NOT OPERATE AT FULL LOAD SIMULTANEOUSLY. REFERENCE PANEL SCHEDULES FOR EXACT DEMAND LOAD INFORMATION.
3. EXISTING TELECOM CLOSET LOAD CONSTIND OF UPS AND NETWORK SWITCHES ESTIMATED TO BE 1000VA.
4. TOTAL PERCENT LOADING IS COMPARED TO EQUIPMENT MAIN CIRCUIT BREAKER RATING. EQUIPMENT MAIN CIRCUIT BREAKER IS RATED FOR 1200A.
5. TOTAL PERCENT LOAD IS LESS THAN 5% OF SWITCHBOARD RATING. NET ADDED LOAD IS NEGLIBLE. METERING NOT REQUIRED.

BUILDING 46 FEEDER METERING AND LOAD INFORMATION SCHEDULE

ELECTRICAL RATINGS: 800A FEEDER CONDUCTOR, 480/277V, 3PH

LOAD TYPE	VA	NOTES
PEAK DEMAND LOAD	[illegible]	1
25% OF PEAK DEMAND (NEC 220.87)	[illegible]	
ADDED DEMAND LOAD		
PANELBOARD "46-A"	[illegible]	2
TE 101 - B-SIDE RECEPTACLE	[illegible]	3
TOTAL VA LOAD	[illegible]	
TOTAL AMPERAGE	[illegible]	
% TOTAL LOAD	[illegible]	4

NOTES:

1. PEAK DEMAND DATA WAS OBTAINED FROM 30 DAY METERING STUDY PER NEC 220.87. PEAK OCCURRED ON NOVEMBER 26, 2024.
2. ADDED DEMAND LOAD CONSISTS OF NEW TE RECEPTACLE, HVAC, GENERAL RECEPTACLE, AND/OR LIGHTING DEMAND LOADS. REFERENCE PANELBOARD SCHEDULE FOR EXACT DEMAND LOAD INFORMATION.
3. REGUNDANT B-SIDE OVERHEAD RECEPTACLE LOAD IS NOT INCLUDED IN POWER CALCULATIONS AS LOADS DO NOT OPERATE AT FULL LOAD SIMULTANEOUSLY. REFERENCE PANEL SCHEDULES FOR EXACT DEMAND LOAD INFORMATION.
4. TOTAL PERCENT LOADING IS COMPARED TO FEEDER CIRCUIT BREAKER RATING. FEEDER CIRCUIT BREAKERS RATED FOR 225A.

PANELBOARD: 46-A (REPLACEMENT)

[illegible]

GENERAL NOTES

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4. SCHEDULES WITH GREY TEXT INDICATE EXISTING PANELBOARD RATINGS, CIRCUITS, AND LOADS. BLACK TEXT INDICATES REVISED CIRCUITS, PROVIDED EQUIPMENT, AND ADDITIONAL LOAD.

BLDG 46 - CONDUIT AND WIRE SCHEDULE - VA TX KERRVILLE EHRM UPGRADES

CONDUIT TAG	SERVICE	ROUTING		CONDUIT		CONDUCTORS		VOLTAGE DROP	FAULT CURRENT	NOTES
		FROM	TO	QTY	SIZE	(QTY) & SIZE	GROUND SIZE			
46-P-01A	PANELBOARD "46-A"	DISCONNECT "DISC-TS46A"	TRANSFORMER "TS46-A"	1	1-1/4"	(3) 4 AWG	8 AWG	0.23%	<8,365	-
46-P-01B	PANELBOARD "46-A"	TRANSFORMER "TS46-A"	PANELBOARD "46-A"	1	2"	(4) 1/0 AWG	4 AWG	0.06%	4,077	-
46-P-02	EXISTING PANELBOARD "46-B"	PANELBOARD"46-A"	EXISTING PANELBOARD "46-B"	1	1-1/4"	(4) 3 AWG	8 AWG	0.37%	3,681	-
46-P-03	TE 101 - A-SIDE RECEPTACLE	PANELBOARD"46-A"	TE 101 - A-SIDE RECEPTACLE	1	3/4"	(2) 10 AWG	10 AWG	1.79%	<2,631	-
46-P-04	TE 101 - B-SIDE RECEPTACLE	PANELBOARD"46-A"	TE 101 - B-SIDE RECEPTACLE	1	3/4"	(2) 10 AWG	10 AWG	2.50%	<2,631	-

NOTE(S):
1. NONE

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

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A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SCHEDULES

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025

Checked: SHM/SGG

Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 46

Drawing Number: 46-EP701

VA FORM 08 - 6231

24/11/2025 4:22:12 am

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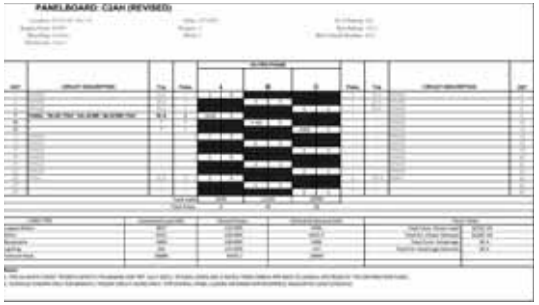

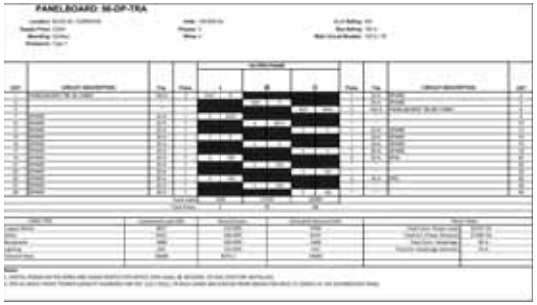

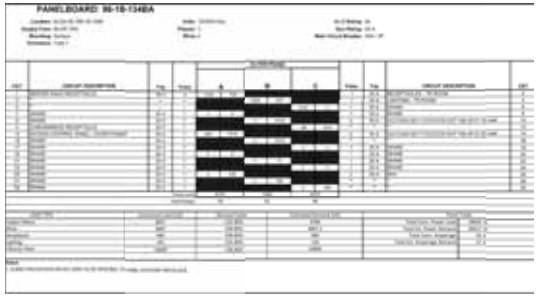

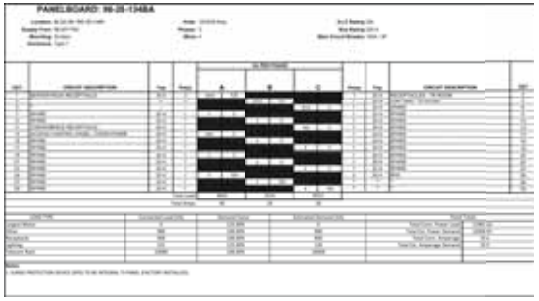

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Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: SHM/SGG | Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 96

Drawing Number: 96-EP701

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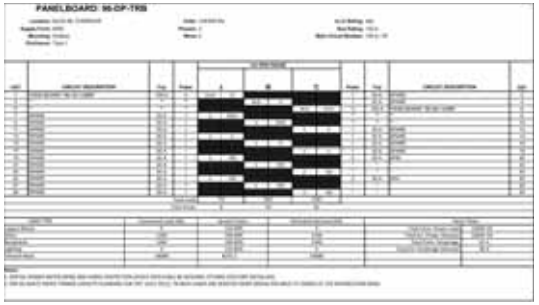

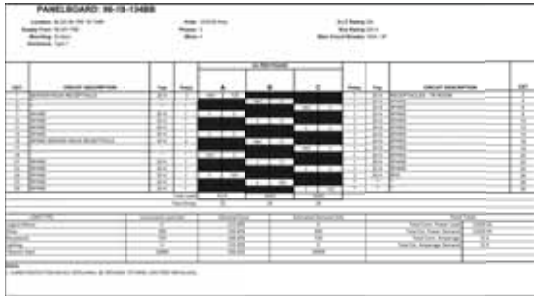

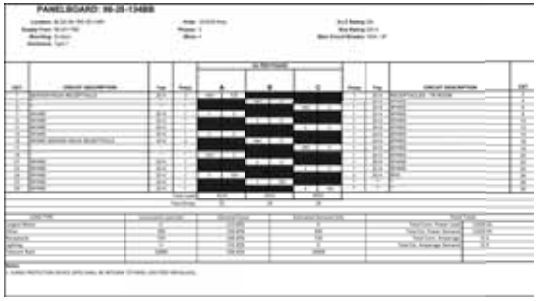

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4. SCHEDULES WITH GREY TEXT INDICATE EXISTING PANELBOARD RATINGS, CIRCUITS, AND LOADS. BLACK TEXT INDICATES REVISED CIRCUITS, PROVIDED EQUIPMENT, AND ADDITIONAL LOAD.

BLDG 96 - CONDUIT AND WIRE SCHEDULE - VA TX KERRVILLE EHRM UPGRADES

CONDUIT TAG	SERVICE	ROUTING FROM	ROUTING TO	CONDUIT QTY	CONDUIT SIZE	CONDUCTORS (QTY) & SIZE	GROUND SIZE	VOLTAGE DROP	FAULT CURRENT	NOTES
96-P-01A	DISTRIBUTION PANEL "96-DP-TRB"	DISTRIBUTION PANEL "MDS"	TRANSFORMER "96-XFMR-TRB"	1	1"	(3) 6 AWG	10 AWG	0.32%	7,272	–
96-P-01B	DISTRIBUTION PANEL "96-DP-TRB"	TRANSFORMER "96-XFMR-TRB"	DISTRIBUTION PANEL "96-DP-TRB"	1	2"	(3) 1/0 AWG, (1) 3/0 AWG	6 AWG	0.36%	1,898	1
96-P-02	PANELBOARD "96-1B-134BB"	DISTRIBUTION PANEL "96-DP-TRB"	PANELBOARD "96-1B-134BB"	1	1 1/4"	(3) 3 AWG, (1) 2 AWG	8 AWG	1.77%	1,187	1
96-P-03	PANELBOARD "96-2B-134BB"	DISTRIBUTION PANEL "96-DP-TRB"	PANELBOARD "96-2B-134BB"	1	1 1/4"	(3) 3 AWG, (1) 2 AWG	8 AWG	1.98%	1,193	1
96-P-04A	DISTRIBUTION PANEL "96-DP-TRA"	DISTRIBUTION PANEL "CGM"	TRANSFORMER "96-XFMR-TRA"	1	1"	(3) 6 AWG	10 AWG	0.37%	7,808	–
96-P-04B	DISTRIBUTION PANEL "96-DP-TRA"	TRANSFORMER "96-XFMR-TRA"	DISTRIBUTION PANEL "96-DP-TRA"	1	2"	(3) 1/0 AWG, (1) 3/0 AWG	4 AWG	0.52%	3,087	1
96-P-05	PANELBOARD "96-1B-134BA"	DISTRIBUTION PANEL "96-DP-TRA"	PANELBOARD "96-1B-134BA"	1	1 1/4"	(3) 3 AWG, (1) 2 AWG	8 AWG	2.33%	1,089	1
96-P-06	PANELBOARD "96-2B-134BA"	DISTRIBUTION PANEL "96-DP-TRA"	PANELBOARD "96-2B-134BA"	1	1 1/4"	(3) 3 AWG, (1) 2 AWG	8 AWG	2.48%	1,522	1
P-TR-1A	DATA RACK SIDE A RCPT (1 RACK)	TR 'A-SIDE' PANELBOARD	DATA RACK SIDE A RCPT (1 RACK)	1	3/4"	(4) 10 AWG	10 AWG	NEGLIGIBLE	–	–
P-TR-1B	DATA RACK SIDE B RCPT (1 RACK)	TR 'B-SIDE' PANELBOARD	DATA RACK SIDE B RCPT (1 RACK)	1	3/4"	(4) 10 AWG	10 AWG	NEGLIGIBLE	–	–

NOTE(S):
1. NEUTRAL IS UPSIZED

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

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1-22-26

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

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Approved:

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Building Number: 96

Drawing Number: 96-EP702

VA FORM 08 - 6231

24/11/2025 4:22:23 am

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ABBREVIATIONS

1PH	SINGLE-PHASE
1P	SINGLE POLE
2/C	TWO-CONDUCTOR
3/C	THREE-CONDUCTOR
3PH	THREE-PHASE
4/C	FOUR-CONDUCTOR
4W	FOUR-WIRE
A/C	AIR CONDITIONING UNIT
A/E	ARCHITECT/ENGINEER
AAP	ALARM ANNUNCIATOR PANEL
AC	ALTERNATING CURRENT OR ARMORED CABLE
ACC	ACCESSIBLE
ADDL	ADDITIONAL
ADJ	ADJACENT, ADJOINING
AF	AMPERE FRAME OR AMP FUSE
AFC	ABOVE FINISHED COUNTER, AUTOMATIC FREQUENCY CONTROL, OR AVAILABLE FAULT CURRENT
AFCI	ARC-FAULT CURRENT INTERRUPTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AH	AMPERE HOUR
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AMPERE INTERRUPTING CAPACITY
ALT	ALTERNATE
AMB	AMBIENT
AMP	AMPERE
ARCH	ARCHITECT
ASC	AMPS SHORT CIRCUIT
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AV	AUDIO VISUAL
BAT	BATTERY
BD	BOARD
BFF	BELOW FINISH FLOOR
BLDG	BUILDING
BRKR	BREAKER
BYP	BY PASS
C	CONDUIT
CAB	CABINET
CALC	CALCULATE
CAP	CAPACITY
CAT	CATALOG
CATV	COMMUNITY ANTENNA TELEVISION
CCR	CONTROL CONTACTOR
CCTV	CLOSED CIRCUIT TELEVISION
CD	CANDELA
CD	CONSTRUCTION DOCUMENTS
CF	CONTRACTOR FURNISHED
CF/CI	CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED
CF/OI	CONTRACTOR FURNISHED/ OWNER INSTALLED
CFE	CONTRACTOR FURNISHED EQUIPMENT
CHW	CHILLED WATER
CHWP	CHILLED WATER PUMP
CKT	CIRCUIT
C/B	CIRCUIT BREAKER
CL	CONNECTOR LIGHTING
CLF	CURRENT LIMITING FUSE
CLG	CEILING
CO	CONDUIT ONLY
COAX	COAX CABLE
COMM	COMMUNICATION
COMPT	COMPARTMENT
CONC	CONCRETE
CONT	CONTINUE
CONTR	CONTRACTOR
COORD	COORDINATE
CPT	CONTROL POWER TRANSFORMER
CRI	COLOR RENDERING INDEX
CT	CURRENT TRANSFORMER
CTV	CABLE TELEVISION
CU	COPPER
CUR	CURRENT
DB	DECIBEL
DC	DIRECT CURRENT
DCP	DIMMER CONTROL PANEL
DDC	DIRECT DIGITAL CONTROLS
DEG C	DEGREES CELSIUS
DEG F	DEGREES FAHRENHEIT
DEMO	DEMOLITION
DIAG	DIAGRAM
DISC	DISCONNECT
DP	DISTRIBUTION PANEL
DMR SW	DIMMER SWITCH
DPDT	DOUBLE POLE, DOUBLE THROW
DPST	DOUBLE POLE, SINGLE THROW
DRSW	DOOR SWITCH
DS	DISCONNECT SWITCH
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
EL	ELEVATION OR EXISTING TO BE RELOCATED
ELEC	ELECTRIC OR ELECTRICAL
ELEV	ELEVATOR
EMER/EM	EMERGENCY
EMI	ELECTROMAGNETIC INTERFERENCE
EMT	ELECTRICAL METALLIC TUBING
EN	EXISTING IN NEW LOCATION
ENCL	ENCLOSURE
EPO	EMERGENCY POWER OFF
EPRF	EXPLOSION PROOF
ER	EXISTING TO REMAIN
ESMT	EASEMENT
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXIST(E)	EXISTING
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FC	FOOTCANDLE
FCIO	FURNISHED BY CONTRACTOR, INSTALLED BY OWNER
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FIXT	FIXTURE
FLA	FULL LOAD AMPS
FLUOR	FLUORESCENT
FP	FIRE PROTECTION
FT	FEET OR FOOT
FU SW	FUSED SWITCH
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
G	ELECTRICAL GROUND
GEN	GENERATOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HT	HEIGHT
HZ	HERTZ
IG	ISOLATED GROUND
IESNA	ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA
IMC	INTERMEDIATE METAL CONDUIT
INCAND	INCANDESCENT
IR	INFRARED
IWH	INSTANTANEOUS WATER HEATER
J-BOX	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KVAH	KILOVOLT AMPERE PER HOUR
KVAR	KILOVOLT AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR
KWHM	KILOWATT HOUR METER
LCP	LIGHTING CONTROL PANEL
LED	LIGHT EMITTING DIODE
LF	LINEAR FEET (FOOT)
LP	LIGHT POLE
LPS	LOW PRESSURE SODIUM
LRA	LOCKED ROTOR AMPS
LT	LIGHT
LTG	LIGHTING
LTG PNL	LIGHTING PANEL
LTNG	LIGHTNING
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	METAL-CLAD
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MH	MANHOLE
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
MLO	MAIN LUGS ONLY
MS	MOTOR STARTER
MT	MOUNT
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
MV	MEDIUM VOLTAGE
MVA	MEGAVOLT-AMPERE
MW	MEGAWATT
NA	NOT APPLICABLE
NAC	NOTIFICATION APPLIANCE CABINET
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NEUT, N	NEUTRAL
NFC	NOT FOR CONSTRUCTION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OL	OVERLOAD
OS	OCCUPANCY SENSOR
P	POLE
PB	PULL BOX
PEC	PHOTOELECTRIC CELL
PED	PEDESTAL
PEND	PENDANT
PIV	POST INDICATOR VALVE
PF	POWER FACTOR
PH	PHASE
PNL	PANEL
PS	POWER SUPPLY
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE (PLASTIC)
PWR	POWER
R	EXISTING TO BE REMOVED
RCP	REFLECTED CEILING PLAN
REC	RECESSED
RECPT	RECEPTACLE
RM	ROOM
RMC	RIGID METAL CONDUIT
RMS	ROOT MEAN SQUARE
REQD	REQUIRED
SAC	SMALL APPLIANCE CIRCUIT
SCC	SHORT CIRCUIT CAPACITY
SD	SMOKE DETECTOR
SF	SQUARE FOOT (FEET)
SHT	SHEET
SI	INTERNATIONAL SYSTEM OF UNITS
SM	SMART METER
SPD	SURGE PROTECTIVE DEVICE
SPEC	SPECIFICATION
SPST	SINGLE POLE, SINGLE THROW
SURF	SURFACE
SW	SWITCH
SWBD OR SB	SWITCHBOARD
SWGR OR SG	SWITCHGEAR
TEL	TELEPHONE
TR	TAMPER RESISTANT
TV	TELEVISION
TYP	TYPICAL
UFD	UNDERFLOOR DUCT
UGND	UNDERGROUND
UL	UNDERWRITERS LABORATORY
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTIL	UTILITY
V	VOLT
VA	VOLT AMPERE
VAR	VOLT AMPERE REACTIVE
VFD	VARIABLE FREQUENCY DRIVE
VOLT	VOLTAGE
W	WATT/WEATHERPROOF (WHILE IN USE)
WAO	WORK AREA OUTLET
WH	WATER HEATER
WP/W	WEATHERPROOF
XFER	TRANSFER
XFMR	TRANSFORMER

GENERAL NOTES

1. THESE "GENERAL NOTES" SHALL APPLY TO ALL DRAWINGS WITHIN THIS DRAWING SET.
2. BLACKENED OR BOLDED EQUIPMENT INDICATES THE EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. ITEMS NOT DIRECTLY FURNISHED BY THE CONTRACTOR SHALL HAVE A DESIGNATION SUCH AS OFCI (OWNER FURNISHED CONTRACTOR INSTALLED), OFOI (OWNER FURNISHED OWNER INSTALLED), OR NIC (NOT IN CONTRACT). GRAY OR GRAY-SCALED EQUIPMENT SHALL BE ASSUMED TO BE EXISTING OR SHOWN FOR EQUIPMENT LOCATION COORDINATION.
3. BLACKENED OR BOLDED EQUIPMENT INDICATES THE EQUIPMENT SHALL BE PROVIDED OR MODIFIED, CONTRACTOR FURNISHED CONTRACTOR INSTALLED, UNLESS OTHERWISE NOTED.
4. ALL TELECOMMUNICATIONS SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE BICSI AND TIA/EIA STANDARDS.
5. ALL CONDUIT, SLEEVES AND PATHWAYS SHALL BE FREE OF DEBRIS OR BLOCKAGES. ALL FIELD CUT RAW EDGES SHALL BE DEBURRED BY THE INSTALLING CONTRACTOR. ALL CONDUITS THAT FEED CATEGORY 6A CABLE TO A WORK ARE OUTLET BOX SHALL HAVE A PLASTIC BUSHING PLACED ON THE END OF THE CONDUIT.
6. ALL BLOCKS, PANELS, AND CABLE SHALL BE ASSIGNED, LABELED, AND RECORDED BY THE CONTRACTOR AND DELIVERED TO THE ENGINEER.
7. ALL DATA CABLING AND ASSOCIATED RACEWAY INSTALLATIONS AND LAYOUTS SHALL BE COORDINATED WITH ALL OBSTACLES, EQUIPMENT, AND ARCHITECTURAL FEATURES. REPORT ANY MAJOR DEVIATIONS TO CONSTRUCTION MANAGER FOR APPROVAL.
8. ALL RACEWAYS SHALL BE PROVIDED WITH A 12 AWG GROUNDING CONDUCTOR UNLESS OTHERWISE NOTED.
9. MINIMUM CONDUIT SIZE SHALL BE 4 " IN DIAMETER FOR EXTERIOR AND UNDERGROUND CONDUIT. MINIMUM CONDUIT SIZE SHALL BE 3/4 " IN DIAMETER FOR INTERIOR CONDUIT. ALL CONDUIT SHALL BE CONCEALED. THE ABOVE COMMENTS SHALL BE ADHERED TO UNLESS OTHERWISE NOTED ON THE DRAWINGS.
10. ALL LOW-VOLTAGE CABLING SHALL NOT BE INSTALLED IN ELECTRICAL BRANCH OR FEEDER CIRCUIT RACEWAYS.
11. ALL EQUIPMENT AND DEVICES INCLUDING, BUT NOT LIMITED TO, LOW-VOLTAGE EQUIPMENT, DATA OUTLETS, CABLING, AND SPECIAL SYSTEM DEVICES, SHALL HAVE THEIR EXACT LOCATION COORDINATED WITH ARCHITECTURAL DRAWINGS AND ALL TRADES PRIOR TO INSTALLATION.
12. COORDINATE WITH DOOR SECURITY MANUFACTURER FOR ALL ACCESS CONTROL EQUIPMENT AND APPURTENANCES; PROVIDE ANY ADDITIONAL MOTION SENSORS, REQUEST-TO-EXITBUTTONS,DOOR POSITION SENSORS, OR OTHER HARDWARE AS REQUIRED. ALL CONDUIT, WIRE, POWER SUPPLIES, AND APPURTENANCES REQUIRED FOR THE ACCESS CONTROL SYSTEM SHALL BE PROVIDED TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
13. ALL RACEWAY AND/OR SLEEVE FLOOR AND WALL PENETRATIONS SHALL BE SEALED WITH FIRE RATED ASSEMBLIES, CAULKING, AND APPURTENANCES. ELECTRICAL BOXES LOCATED IN FIRE RATED WALLS SHALL BE RATED FOR USE IN FIRE RATED WALLS.
14. ALL EQUIPMENT AND INSTALLATION METHODS SHALL BE LISTED AND LABELED PER NEC, UL LISTED, OR REVIEWED EQUAL.
15. FOR ALL EQUIPMENT, COORDINATE WITH ALL TRADES (ARCHITECTURAL, MECHANICAL, PLUMBING, ETC) FOR ELECTRICAL AND LOW-VOLTAGE REQUIREMENTS AND INSTALLATION LOCATIONS PRIOR TO INSTALLATION.
16. FOR ANY EXISTING WALL MOUNTED DEVICES THAT REQUIRE MODIFICATION OR REPLACEMENT THAT DO NOT HAVE RACEWAY FROM DEVICE TO ACCESSIBLE CEILING SPACE, PROVIDE MINIMUM 3/4"C ROUTED FROM DEVICE THROUGH WALL INTO THE ACCESSIBLE CEILING SPACE. CABLING SHALL NOT BE ROUTED IN WALLS OR IN AN INACCESSIBLE LOCATION WITHOUT CONDUIT.
17. NO STRUCTURAL MEMBERS SHALL BE CUT, DRILLED, OR NOTCHED WITHOUT PRIOR WRITTEN CONSENT FROM THE STRUCTURAL ENGINEER OR ARCHITECT.
18. FOR EXISTING EQUIPMENT, SUCH AS LOW-VOLTAGE DEVICES, WIRING DEVICES, CONDUITS, ETC., SHOWN ON PLANS TO BE REMOVED, COMPLETELY CUT/CAP CONDUITS AT THE AREA OF WORK PERIMETER AND REMOVE CONDUIT WITHIN THE WORK AREA, DISCONNECT CABLING FROM THE DEVICE BEING REMOVED AND COMPLETELY REMOVE CABLING FROM ABANDONED CONDUITS BACK TO SOURCE.
19. MAINTAIN AND RESTORE, IF INTERRUPTED, ALL RACEWAYS AND CABLING PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.
20. CONTRACTOR SHALL PROVIDE, INSTALL, AND TERMINATE HORIZONTAL CAT6A CABLING FROM EACH WORK AREA OUTLET (WAO) TO ITS RESPECTIVE TELECOMMUNICATIONS ROOM (TR) DATA RACK, UNLESS OTHERWISE NOTED.
21. PRIOR TO INSTALLING NEW CABLING, ALL EXISTING CABLES SHALL BE SEGREGATED INTO DIFFERENT GROUP TYPES; ONCE SEPARATED, CONTRACTOR SHALL DETERMINE WHICH CABLES SHALL BE REMOVED AND WHICH SHALL REMAIN. DEMOLISH ALL CABLES TO BE REMOVED BACK TO SOURCE IN ITS ENTIRETY, UNLESS OTHERWISE NOTED.
22. ONCE CONSTRUCTION IS COMPLETED, CONTRACTOR SHALL PROVIDE REDLINED/RECORD DRAWINGS OF COMPLETE PROJECT TO VA RESIDENT ENGINEER AND ENGINEER FOR REVIEW AND APPROVAL.
23. ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
24. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT DEVICES AND ASSOCIATED RACEWAYS AS REQUIRED TO COORDINATE THE PROJECT SCOPE OF WORK (DEMOLITION AND NEW INSTALLATIONS).
25. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
26. CONTRACTOR SHALL COORDINATE ALL CATEGORY 6A AND FIBER OPTIC LOCATIONS AND PATHWAYS WITH THE AE PRIOR TO THE START OF ANY WORK. ONCE ALL LOCATIONS ARE CONFIRMED BY ALL PARTIES, THE CONTRACTOR SHALL PROVIDE TO THE AE COPIES OF THE DRAWINGS SIGNED BY A CONTRACTORS AUTHORIZED AGENT. THESE DOCUMENTS SHALL BE PROVIDED TO THE ELECTRICAL CONTRACTOR FOR COORDINATION.
27. THE INSTALLATION OF ALL COMMUNICATIONS PATHWAYS, SLEEVES AND CABLE TRAYS SHALL BE LAID OUT BY THE CONTRACTOR AND SUBMITTED TO THE AE FOR APPROVAL PRIOR TO ANY WORK. DRAWINGS SHALL SHOW PROPOSED ROUTES THAT WILL NOT CONFLICT WITH OTHER TRADES SUCH AS HVAC, ELECTRICAL AND ARCHITECTURAL.
28. THE DATA CENTER SHALL HAVE AN ALPHA-NUMERIC GRID ANNOTATED ON THE WALLS IN ACCORDANCE WITH ANSI/TIA 606-C. STARTING IN THE NORTHWEST CORNER WORKING THE ALPHABET LEFT TO RIGHT AND NUMBERS TOP TO BOTTOM IN 24-INCH INCREMENTS USING BLACK LETTERS AND NUMBERS FOUR INCHES MINIMUM IN HEIGHT NOT PLACED MORE THAN SIX INCHES BELOW THE CEILING. (REFER TO ET507 FOR EXAMPLES).
29. ALL SSTV AND ACCESS CONTROL SYSTEMS WILL BE INSTALLED AND MAINTAINED BY A CERTIFIED INSTALLER FOR EACH SPECIFIC SYSTEM.
30. ALL CEILING TILES WILL BE REINSTALLED AT THE END OF EACH WORK SHIFT.
31. ALL FIRE RATED PENETRATIONS WILL HAVE PROPER TEMPORARY FIRESTOP INSTALLED AT THE END OF EACH SHIFT AND UNTIL PERMANENT FIRESTOPPING IS COMPLETE.
32. ANY ACTIVE ANALOG PORT WILL BE PHASED. REFER TO ET506 CALL OUT 3.
33. GROUNDING & BONDING: AN ANTIOXIDANT SHALL BE USED ON ALL MECHANICAL CONNECTIONS AND TERMINATIONS.
34. DEMO'D TR'S SUPPORTING EXISTING/REMAINING SYSTEMS – COPPER & FIBER PHASING.
    - COPPER: CONTRACTOR TO PULL (12) CAT6A CABLES FROM DEMO'D TR TO NEW TR. TERMINATE, TEST AND COIL UP ON BOTH ENDS.
    - FIBER: CONTRACTOR TO PULL (12-STRAND OM4 AND 12-STRAND SM FROM DEMO'D TR TO NEW TR. TERMINATE WITH LC CONNECTORS ON NEW TR END. MATCH CONNECTOR TYPE WITH EXISTING EQUIPMENT ON DEMO'D TR END. TEST AND COIL UP ON BOTH ENDS.
35. FOR DEMO'D WAO'S THAT WON'T BE REPLACED: CABLE WILL BE REMOVED BACK TO THE SOURCE, A BLANK FACEPLATE WILL BE INSTALLED OVER THE DEMO'S BOX. CONDUIT WILL REMAIN.
36. THE CONTRACTOR SHALL INSTALL FIBER OPTIC CABLES, CONDUITS AND CABLE TRAYS PER THE MANUFACTURER 'S INSTALLATION REQUIREMENTS AND IN ACCORDANCE WITH ALL TIA AND BICSI TDMM EDITION 15 STANDARDS AND BEST PRACTICES FOR SEPARATION DISTANCE FROM SOURCES OF RFI AND EMI INTERFERENCE.
37. THE CONTRACTOR SHALL PROVIDE ALL COPPER CATEGORY 6A PATCH CORDS FOR ALL TRS IN SCOPE. TR CATEGORY 6A PATCH CORDS SHALL BE 50% 3 FEET IN LENGTH AND 50% 5 FEET IN LENGTH. 28 AWG STRANDED PATCH CORDS ARE NOT ALLOWED. CONTRACTOR SHALL PROVIDE 48 CATEGORY 6A PATCH CORDS FOR EACH 48-PORT SWITCH. JACKET COLORS SHALL BE BLUE OR WHITE. CONTRACTOR SHALL ALSO PROVIDE FIBER OPTIC PATCH CABLES (JUMPERS) FOR ALL FIBER OPTIC CABLES TERMINATED IN THE TRS. THESE CABLES MUST MATCH THE FIBER TYPE, OM4, OS1 AND OS2. FIBER OPTIC PATCH CABLES SHALL BE JACKETED WITH TWO (2) STRANDS EACH AND BE FACTORY TERMINATED WITH LC STYLE CONNECTORS. THE QUANTITY OF FIBER OPTIC PATCH CORDS SHALL MATCH THE NUMBER OF STRANDS TO EACH TR. FOR EXAMPLE, A TR HAVING 24 STRANDS OF OM4 FIBER OPTIC CABLE SHALL HAVE 12 OM4 FIBER OPTIC PATCH CABLES. IN THE TRS THE FIBER OPTIC PATCH CORDS WILL BE 5 FEET IN LENGTH AND BE JACKETED AS FOLLOWS: OM4 AQUA, OS1 AND OS2 YELLOW.
38. THE CONTRACTOR SHALL PROVIDE ALL FACTORY TERMINATED CATEGORY 6A CABLES IN QUANTITIES LISTED IN THE DRAWINGS WITHIN THE MCR. 28 AWG STRANDED PATCH CORDS ARE NOT ACCEPTABLE. CABLE LENGTHS SHALL BE DETERMINED BY THE CONTRACTOR AFTER ALL CABINETS AND WIRE MANAGEMENT HAVE BEEN INSTALLED. CABLES SHALL HAVE AS LITTLE SLACK AS POSSIBLE, AND THAT SLACK SHALL BE CONTAINED WITHIN THE VERTICAL WIRE MANAGERS. CABLE JACKET COLORS SHALL BE BLUE OR WHITE. CONTRACTOR SHALL PROVIDE ALL FACTORY TERMINATED FIBER OPTIC PATCH CABLES REQUIRED AS LISTED IN THE DRAWINGS FOR THE MCR. THESE FIBER OPTIC CABLES, SHALL MATCH THE FIBER OPTIC CABLE TYPE. THESE CABLE TYPES ARE OM4, OS1 AND OS2. EACH PATCH CORD SHALL BE JACKETED TO MATCH THE FIBER TYPE; OM4 AQUA, OS1 AND OS2 YELLOW. EACH FIBER OPTIC PATCH CORD SHALL CONSIST OF TWO STRANDS OF THE CORRECT FIBER TYPE TERMINATED ON LC STYLE CONNECTORS. FIBER OPTIC PATCH CORD LENGTHS SHALL NOT HAVE IN EXCESS OF 1 FOOT OF SLACK ON EACH END.
39. CONTRACTOR SHALL PROVIDE AS PART OF THEIR BID AN ADDITIONAL 10% OF ALL WAO'S IN THE PROJECT.
40. REFERENCE SHEET G-002 FOR VA POINT OF CONTACT INFORMATION.
41. UNLESS OTHERWISE INDICATED, ALL EXISTING CAMERAS AND ACCESS CONTROL PANELS SHALL BE RE-CABLED WITH (1) CAT 6A CABLE EACH.
42. REFER TO SPECIFICATION SECTION 27 11 16 FOR REQUIREMENTS ABOUT MOUNTING DISTANCES OF FRONT AND REAR RACK RAILS.
43. SEE SPECIFICATION SECTION 27 11 16 FOR TAMPER SWITCH REQUIREMENTS FOR ALL TE's. SEE SECTION PART 2 PRODUCTS, 2.4 TELECOMMUNICATIONS ENCLOSURES G, E.

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ET701 - TELECOMMUNICATIONS SCHEDULES

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	ABBREVIATIONS, GENERAL NOTES, AND SHEET INDEX
Phase	100% CONSTRUCTION DOCUMENTS
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	-
Approved:	FULLY SPRINKLERED
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Drawing Number	ETG001

VA FORM 08 - 6231

1/13/2026 6:31:34 AM

Autodesk Docs://671A4-21-700 VATX Kerrville/EHRM VATX_SHEET_INDEX_EL_SDB.rvt

GENERAL SYMBOL

SCALE
SECTION LETTER
SECTION A XXX
SHEET WHERE SECTION IS TAKEN FROM

SECTION LETTER
A XXX
SHEET WHERE SECTION IS TAKEN FROM

DETAIL NUMBER
1 XXX
SHEET ON WHICH DETAIL APPEARS

DETAIL AREA

XXX CONDUIT & WIRE TAG (REFER TO CONDUIT AND WIRE SCHEDULE)

XX FAULT CURRENT TAG (3 PH, SYM AMPS)

1 KEY NOTE

IF PHOTO, ARROW DENOTES DIRECTION TAKEN

2 XXX FIGURE OR PHOTO DETAIL NUMBER

SHEET WHERE DETAIL IS TAKEN FROM

DETAIL/PLAN NUMBER

1 DETAIL/PLAN

CONDUIT OR EQUIPMENT TO BE REMOVED

CONDUIT CONCEALED IN WALL, CEILING, UNDER FLOOR, IN FLOOR
SLAB, OR ROUTED UNDERGROUND

CONDUIT CONCEALED WHERE POSSIBLE, OTHERWISE EXPOSED

EXTRA-HARD USAGE FLEXIBLE CORD

FLEXIBLE CONDUIT

CONDUIT TURNED UP OR TOWARD

CONDUIT TURNED DOWN OR AWAY

CONDUIT CAPPED

-A—A- 'A' SIDE FIBER, CONCEALED WHERE POSSIBLE

-B—B- 'B' SIDE FIBER, CONCEALED WHERE POSSIBLE

-A---A- 'A' SIDE FIBER, UNDERGROUND / UNDERFLOOR

-B---B- 'B' SIDE FIBER, UNDERGROUND / UNDERFLOOR

THESE ARE GENERAL LEGENDS. NOT ALL SYMBOLS MAY BE SHOWN.
REFERENCE PLANS FOR ALL UTILIZED SYMBOLS.

DIV 27 - LEGEND

DATA/COMMUNICATION

OUTLET, COMBINATION TELEPHONE/DATA COMMUNICATION

—CATV— CABLE TELEVISION LINE = CATV

—CCTV— CLOSED CIRCUIT TELEVISION LINE = CCTV. MINIMUM 1" [25mm] CONDUIT

—FO— FIBEROPTICS LINE = FO

—T— TELEPHONE LINE = T

—I— INTERCOM LINE = I. MINIMUM 3/4" [19mm] CONDUIT.

—S— SOUND LINE = S

—NC— NURSE CALL LINE = NC. MINIMUM 3/4" [19mm] CONDUIT.

—R— RADIO CONDUIT RUN, MINIMUM 3/4" [19mm] CONDUIT.

—JH— J-HOOK ROUTE

TELECOMMUNICATIONS MANHOLE

Y X,Y OUTLET TELEPHONE; "X" INDICATES NUMBER OF OUTLET PORTS. "Y" INDICATES AS FOLLOWS:
BLANK=EXISTING CONDUIT WITH NEW CAT6A CABLE
P=POLE/ PEDESTAL MOUNTED
F=FURNITURE MOUNTED
C=OUTLET WITH NEW CONDUIT INSTALLED, 1-1/4" MINIMUM UNLESS OTHERWISE STATED
"Z" INDICATES AS FOLLOWS:
J = JACK TYPE W = WALL TYPE A = ANALOG PORT

Y X Y X OUTLET DATA OR VOIP TELEPHONE, "X" INDICATES NUMBER OF OUTLET PORTS. BOX AROUND SYMBOL INDICATES FLOOR MOUNTED. "Y" INDICATES AS FOLLOWS:
P = POLE/PEDESTAL MOUNTED
F = FURNITURE MOUNTED
C = OUTLET WITH NEW CONDUIT INSTALLED, 1-1/4" MINIMUM UNLESS OTHERWISE STATED
I = INTERCOM

OUTLET; LETTER INDICATES AS FOLLOWS:
A = AUDIO V = VIDEO

X SPEAKER, CEILING MOUNTED, "X" INDICATES THE TYPE, PROVIDE SCHEDULE ON LEGEND

X SPEAKER, WALL MOUNTED, "X" INDICATES THE TYPE, PROVIDE SCHEDULE ON LEGEND. MTD. 7'-6" [2286mm] AFF UNLESS OTHERWISE NOTED.

RS RADIO CHANNEL SELECTOR FACILITIES, MTD. 4'-6" [1372mm] AFF UNLESS OTHERWISE NOTED.

RS M SPEAKER PROGRAM SELECTOR SWITCH & VOLUME CONTROL MTD. 4'-6" [1372mm] AFF UNLESS OTHERWISE NOTED.

M OUTLET, TELEVISION
BLANK = 4 11/16" [119mm] MASTER ANTENNA OUTLET BOX W/BLANK COVER, MTD. 18" [457mm] AFF UNLESS OTHERWISE NOTED.
C = CAMERA (CCTV SYSTEM), MTD 18" [457mm] AFF
M = MONITOR (CTTV SYSTEM).

NCS NURSE'S CALL MASTER STATION MTD ON NURSE'S COUNTER TOP UNLESS OTHERWISE NOTED.

NCT NURSE CALL TERMINAL CABINET.

RS 2 NURSE CALL STATION.
2 = DUPLICATE FACILITIES FOR TWO BEDS (SEPARATE INDICATORS AT MASTER STATION) MTD 5'-0" [1524mm] AFF UNLESS OTHERWISE NOTED.
D = DUTY STATION. MTD 5'-0" [1524mm] AFF UNLESS NOTED OTHERWISE.
E = MTD 6'-0" [1829mm] AFF FOR SHOWER LOCATION, MTD 4'-6" [1372mm] AFF FOR TUB LOCATION, & MTD 3'-0" [914mm] AFF FOR TOILET LOCATION.
P = PSYCHIATRIC CORRIDOR STATION WITH KEY SWITCH
S = AUDIO VISUAL MALL STATION (STAFF) MTD 5'-0" [1524mm] AFF UNLESS OTHERWISE NOTED.
U = UTILITY CALL STATION, MTD 5'-0" [1524mm] AFF UNLESS OTHERWISE NOTED.
3 = 3 - BUTTON EMERGENCY STATION. MTD 5'-0" AFF.

WAP X WIRELESS ACCESS POINT.
"S" = STAFF; "G" = GUEST. IF NOTED LIKE THIS "S,G", CONTRACTOR SHALL PROVIDE (2) SEPARATE WAPs, (1) WAP FOR EACH SERVICE.

Z NURSE CALL STATION.
2 = NURSE'S CALL DOME LIGHT (SUFFIX INDICATES No OF LAMP) MTD 6" [152mm] ABOVE DOOR.
D = CORRIDOR DOME LIGHT.
I = AUXILIARY INTERSECTIONAL DOME LIGHT.

TELEPHONE TERMINAL CABINET

TTB TELEPHONE BACKBOARD (WALL MOUNTED)

M 3-POLE TWIST-LOCK RECEPTACLE FOR MICROPHONE, MTD. 4'-6" 1372mm] AFF.

REMOTE DICTATING OUTLET MTD 1'-6" [457mm] AFF. UNLESS OTHERWISE NOTED.

INTERCOM STATION (REFER TO SPECS. FOR FUNCTIONAL OPERATION OF INSTRUMENT & TYPE REQUIRED).

TS INTERCOM STAFF STATION.

P/D POWER/DATA POLE

DIV 28 - LEGEND

M T AUDIO DEVICE; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
B-BELL C-CHIME H-HORN K-KLAXON
L-LISTEN-IN M-MICROPHONE S-SOUNDER S-SPEAKER Z-BUZZER

M F T BI-STATIC BEAM SENSOR; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
I-INFRARED M-MICROWAVE
F=FUNCTION
RX-RECEIVE TX-TRANSMIT

M T BIOMETRICS ACCESS CONTROL DEVICE; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
F-FINGER PRINT H-HAND GEOMETRY I-EYE IRIS
R-EYE RETINA V-VOICE

M T CARD ACCESS READER; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
B-BARCODE F-ELEVATOR FLOOR CALL H-ELEVATOR HALL CALL
M-MAG STRIP P-PROXIMITY S-SMART CARD
T-TOKEN

M CARD READER WITH KEYPAD; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL

M CARD READER WITH TIME AND ATTENDANCE; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL

CENTRAL PROCESSING UNIT

M T CONTROL PANEL; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
B-BURGLAR D-DOOR F-FIRE P-PERIMETER

M T ELECTRONIC LOCK; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
D-DEADBOLT H-HYBRID L-LATCH SET M-MAGNETIC S-STRIKE

T EXIT DEVICE; LETTER INDICATES AS FOLLOWS:
T=TECHNOLOGY/TYP E
D-DELAYED EGRESS E-ELECTRIFIED M-MECHANICAL X-HIGH SECURITY

M T FIBER OPTIC MODULE; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
R-RECEIVER T-TRANSCEIVER TX-TRANSMITTER

M T FIELD PANEL; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
A-ALARM C-CARD READER

M T GLASS BREAKAGE SENSOR; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
A-AUDIO S-SHOCK

M T INTERCOM; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
M-MASTER S-SUBSTATION

KEYBOARD

M KEYPAD DEVICE; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL

M T MONITOR; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
D-DATA G-GRAPHIC M-MULTISCREEN V-VIDEO

M T MOTION DETECTOR; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
D-DUAL TECHNOLOGY IR-INFRARED M-MICROWAVE U-ULTRASONIC
X-REQUEST-FOR-EXIT

M T PUSH BUTTON; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
B-BELL PUSH D-DURESS P-PANIC R-DOOR RELEASE
X-REQUEST-FOR-EXIT

M T RECORDER; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION
P-PEDESTAL R-RACK S-SURFACE W-WALL
T=TECHNOLOGY/TYPE
A-AUDIO D-DIGITAL V-VIDEO

SECURITY ACCESS, ANNUNCIATOR PANEL

SECURITY ACCESS, BUZZER. MTD 1'-6" [457mm] AFF UNLESS OTHERWISE NOTED

SECURITY ACCESS, CONTROL UNIT WITH CLOSED CIRCUIT TELEVISION CAMERA

X SECURITY ACCESS, GENERIC "X" INDICATES THE TYPE, PROVIDE SCHEDULE OR LEGEND

SECURITY ACCESS, HORN OR SIREN

SECURITY ACCESS, OUTDOOR MICROWAVE TRANSMISSION UNIT

SECURITY ACCESS, PANIC ALARM

M PTZ SECURITY ACCESS, VIDEO CAMERA WITH LENS
M = MOTION DETECTOR
PZ = MOTION DETECTOR WITH PAN AND ZOOM
PTZ= MOTION DETECTOR WITH PAN, TILT, AND ZOOM

360° SECURITY ACCESS, PANNING CAMERA TRAVERSE ANGLE
C = CEILING MOUNTED

45° SECURITY ACCESS, VIDEO CAMERA WITH LENS, ANGLE OF VIEW

SECURITY ACCESS, VOLUMETRIC SENSOR

T SECURITY SCREEN WITH ALARM; LETTER INDICATES AS FOLLOWS:
T=TECHNOLOGY/TYPE
B-BLIND S-SHADE

T SECURITY WINDOW SCREEN; LETTER INDICATES AS FOLLOWS:
T=TECHNOLOGY/TYPE
B-BLIND

VIDEO CONTROL KEYBOARD

VIDEO MOTION DETECTOR

SECURITY ACCESS, SENSOR, BURIED VEHICULAR

SECURITY ACCESS, SWITCH, BALANCED MAGNETIC CONTROL

SECURITY ACCESS, TELEPHONE HANDSET

NIP CODE ONE CONTROL AND ALARM STATION. MTD 5'-0" AFF UNLESS OTHERWISE NOTED.

NIT CODE ONE TERMINAL CABINET.

NIA CODE ONE ANNUNCIATOR PANEL.

NI CODE ONE BEDSIDE STATION.

NID CODE ONE DUTY STATION, MTD 5'-0" AFF UNLESS OTHERWISE NOTED.

ALARM, CHECK VALVE

FAC ALARM, FIRE, COMMUNICATOR

FACP ALARM, FIRE, PANEL; LETTERS INDICATE AS FOLLOWS:
FACC = CENTRAL CONSOLE FACP = CONTROL PANEL
MFACP= MASTER CONTROL PANEL FAAP = ANNUNCIATOR PANEL

FAPS ALARM, FIRE; LETTERS INDICATE AS FOLLOWS:
BATT = BATTERIES CHR = CHARGER FAR = RECORDER

FVSS ALARM, FIRE, VALVE SUPERVISORY SWITCH.

FTC ALARM, FIRE, TERMINAL CABINET.

FPV ALARM, FIRE, POST INDICATOR VALVE.

FTS ALARM, TRANSPONDER OR TRANSMITTER

F ALARM, FIRE, MANUAL PULL STATION

ALARM, GONG

C ALARM, HORN/LIGHT, ONE ASSEMBLY C = WITH CHIME

C ALARM, HORN/LIGHT, ONE ASSEMBLY WITH CHIME

ALARM, HORN/LIGHT, SEPARATE ASSEMBLY

ALARM, LAMP LIGHT, SIGNAL LIGHT, STROBE

ALARM, MANUAL CONTROL

M ALARM, MINI
HORN M-MULLION

ALARM, SPRINKLER SYSTEM WATER FLOW BELL

ALARM, VOICE COMMUNICATION PANEL

ALARM, TAMPER SWITCH

DETECTION, GAS

SCMS DETECTION, SMOKE CONTROL AND PRESSURE PANEL

EPO DETECTION SWITCH, ABORT

DETECTION SWITCH, VALVE TAMPER

DETECTOR, FLAME FLICKER

DETECTOR, FLOW SWITCH

DETECTOR, HEAT

R/T DETECTOR, HEAT; LETTER INDICATES AS FOLLOWS:
R/T = COMBINATION F = FIXED TEMPERATURE RISE
R/C = RATE COMPENSATION R = RATE OF

H DETECTOR; LETTER INDICATES AS FOLLOWS:
BLANK = SMOKE DETECTOR
H = HEAT SMOKE
I = IONIZATION SMOKE
P = PHOTOELECTRIC SMOKE
IH = IONIZATION AND HEAT SMOKE
IP = IONIZATION AND PHOTOELECTRIC SMOKE
PH = PHOTOELECTRIC AND HEAT SMOKE
IPH = IONIZATION, PHOTOELECTRIC, AND HEAT

DETECTOR, SMOKE, FOR DUCT

DETECTOR, SWITCH LEVEL

FIRE ALARM STATION, MANUAL PULL

—FA— FIRE ALARM LINE = FA

ELECTROMAGNETIC TYPE DOOR HOLDER OUTLET

CITY FIRE ALARM MASTER STATION MTD 5'-6" [1676mm] AFF UNLESS NOTED.

FA 2-4-6 FIRE ALARM TRANSMITTER (BASE LOOP) NUMERALS DENOTE CODE.

FA 2-4-6 FIRE ALARM TROUBLE TRANSMITTER (BASE LOOP) NUMERALS DENOTE CODE.

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
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KENT, WA 98032

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Bicsi
RCDD

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
TELECOMMUNICATIONS LEGENDS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Building Number: -
		Issue Date: 11/21/2025; Checked: KG/SHM; Drawn: RTS/CNI	Drawing Number: ETG002

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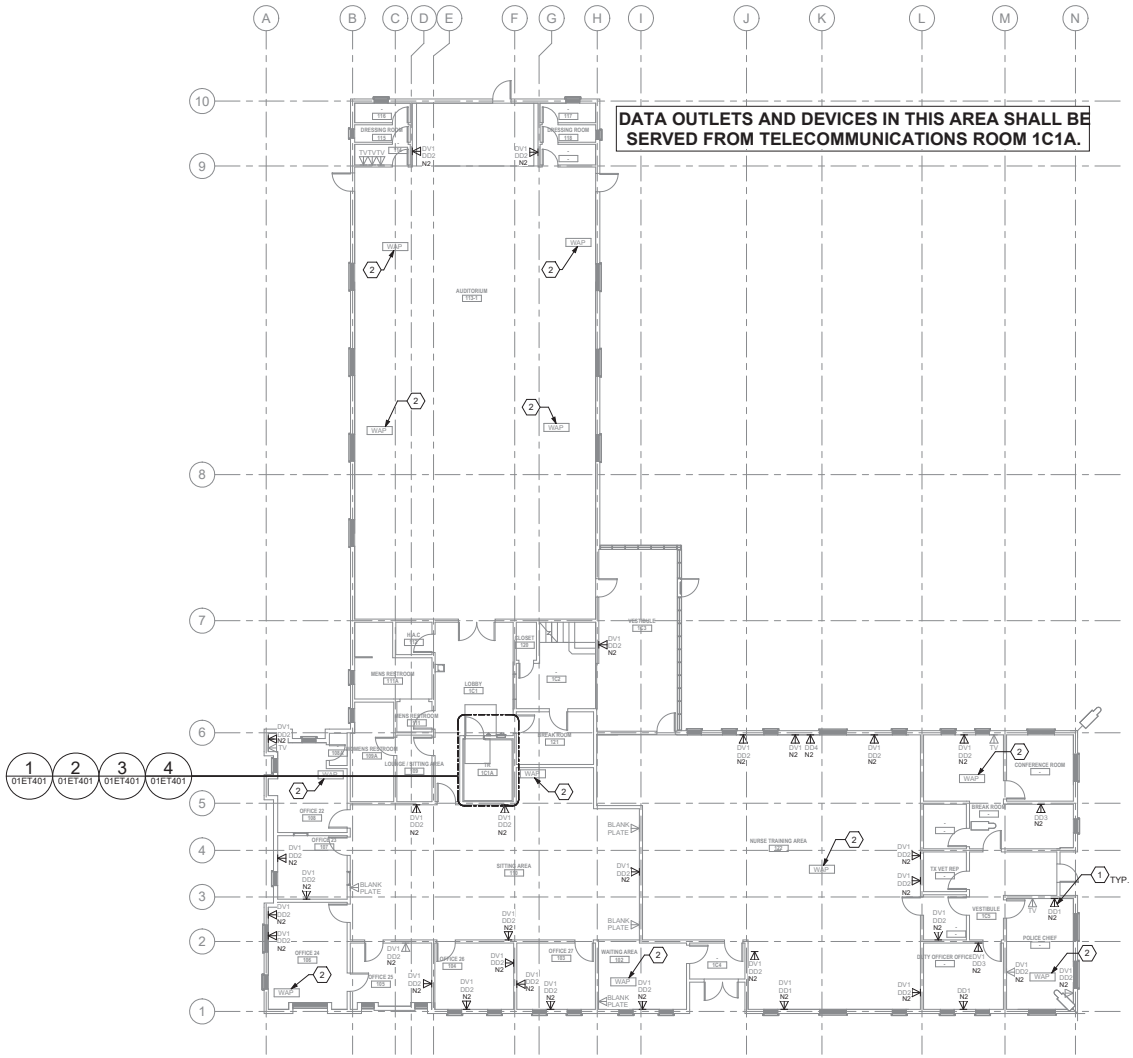


1 BLDG 01 - LEVEL 01 - TELECOMMUNICATIONS PLAN
1/8" = 1'-0"

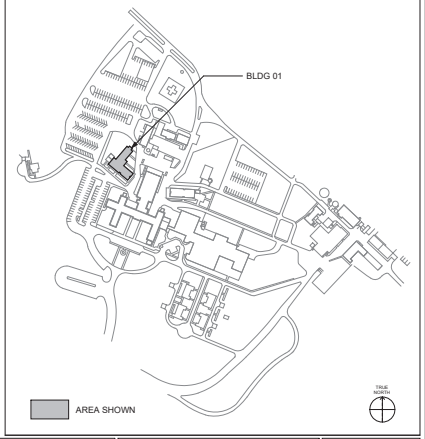
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
6. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
7. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
8. WAOs AND DEVICE LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES BASED ON AS-BUILT DRAWINGS.
9. ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
10. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.
11. THE CONTRACTOR SHALL BID AND INSTALL CAT6A CABLE WITH AN OD NOT GREATER THAN 0.250" (6.35mm) (4) CAT6A CABLES WITH AN 0.250" (6.35mm) OD OR SMALLER CAN BE INSTALLED IN A 3/4" CONDUIT SUPPORTING A 40% FILL RATIO.

KEY NOTES

1. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE DETAIL '1' ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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BICSI RCDD Expires 12-31-27

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 01 - LEVEL 01 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 01
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 01ET101
		Issue Date: 11/21/2025 · Checked: KG/SHM · Drawn: RTS/CNI	253 of 339

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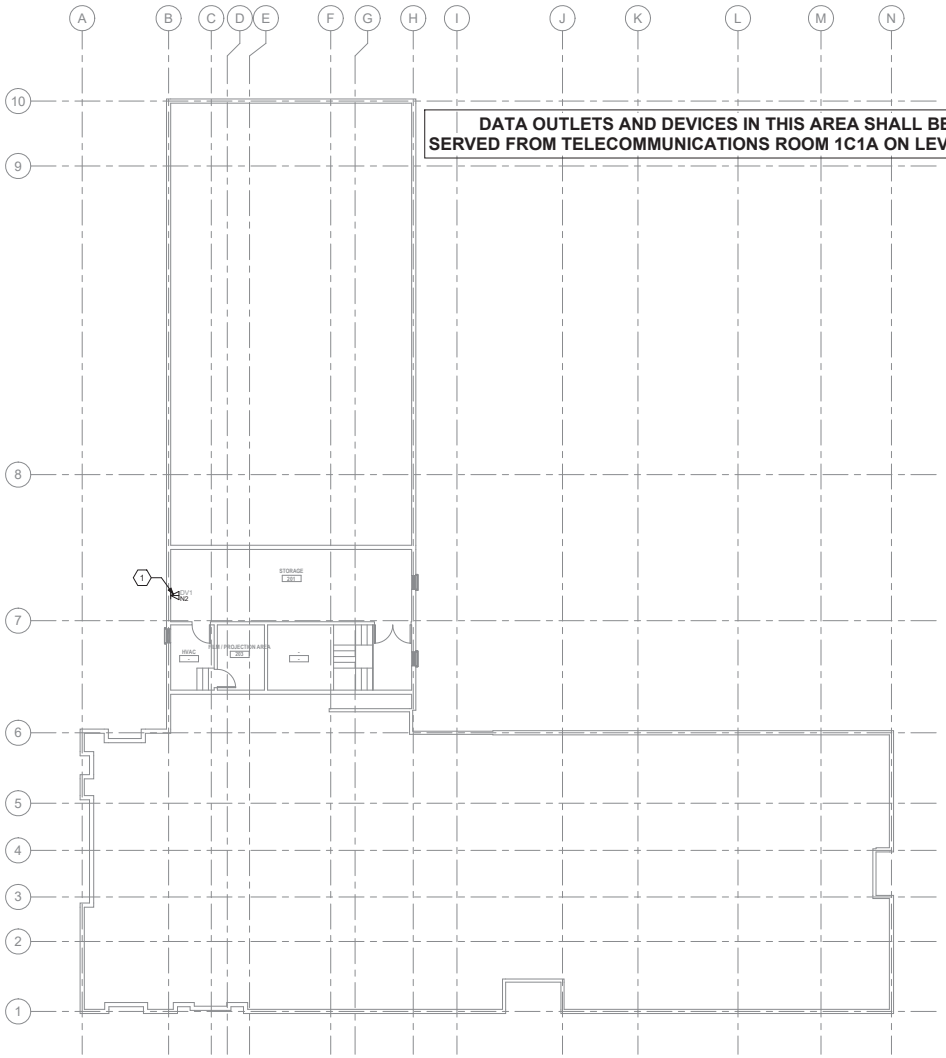


DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 1C1A ON LEVEL 01.

1 BLDG 01 - LEVEL 02 - TELECOMMUNICATIONS PLAN
1/8" = 1'-0"

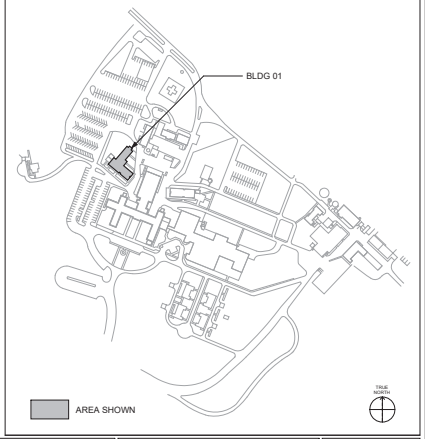
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
6. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
7. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
8. WAOs AND DEVICE LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES BASED ON AS-BUILT DRAWINGS.
9. ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
10. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.
11. THE CONTRACTOR SHALL BID AND INSTALL CAT6A CABLE WITH AN OD NOT GREATER THAN 0.250" (6.35mm) (4) CAT6A CABLES WITH AN 0.250" (6.35mm) OD OR SMALLER CAN BE INSTALLED IN A 3/4" CONDUIT SUPPORTING A 40% FILL RATIO.

KEY NOTES

1. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE DETAIL '1' ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
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STAMP

BICSI RCDD Expires 12-31-27

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BLDG 01 - LEVEL 02 - TELECOMMUNICATIONS PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	01
Drawing Number	01ET102

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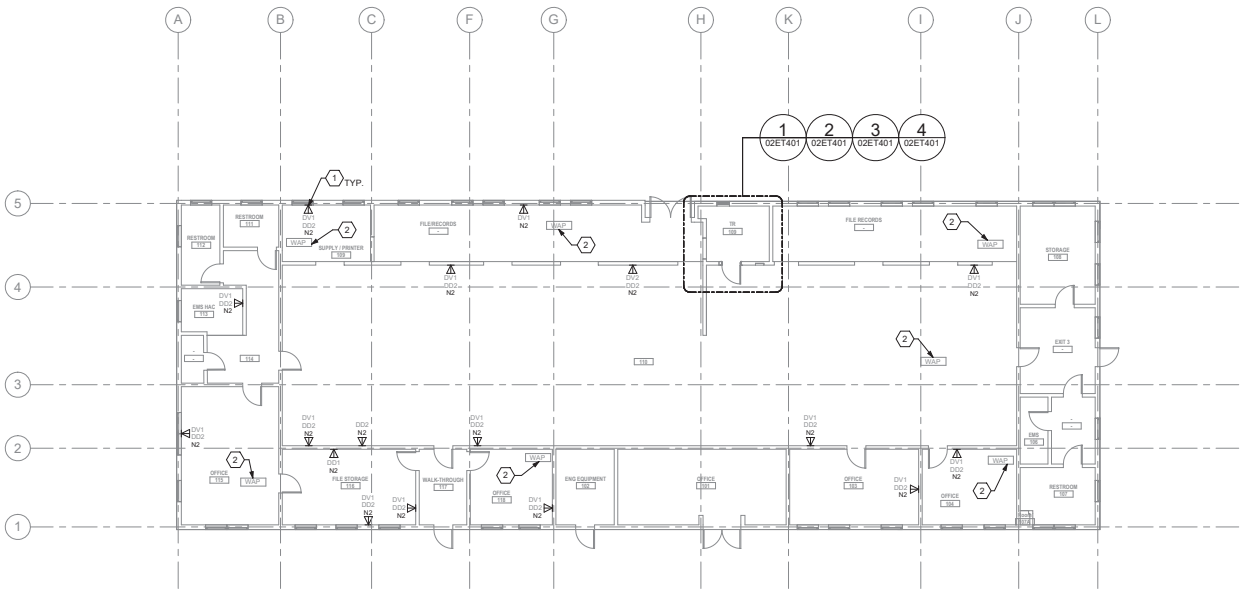
DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 109.



1 BLDG 02 - LEVEL 01 - TELECOMMUNICATIONS PLAN
1/8" = 1'-0"

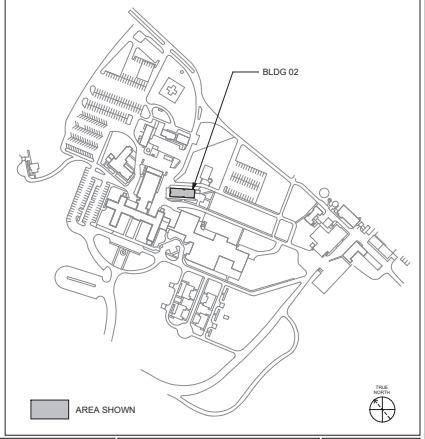
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
6. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
7. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
8. WAOs AND DEVICE LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES BASED ON AS-BUILT DRAWINGS.
9. ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
10. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.
11. THE CONTRACTOR SHALL BID AND INSTALL CAT6A CABLE WITH AN OD NOT GREATER THAN 0.250" (6.35mm) (4) CAT6A CABLES WITH AN 0.250" (6.35mm) OD OR SMALLER CAN BE INSTALLED IN A 3/4" CONDUIT SUPPORTING A 40% FILL RATIO.

KEY NOTES

1. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE DETAIL '1' ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 02 - LEVEL 01 - TELECOMMUNICATIONS PLAN
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	02
Drawing Number	02ET101

255 of 339

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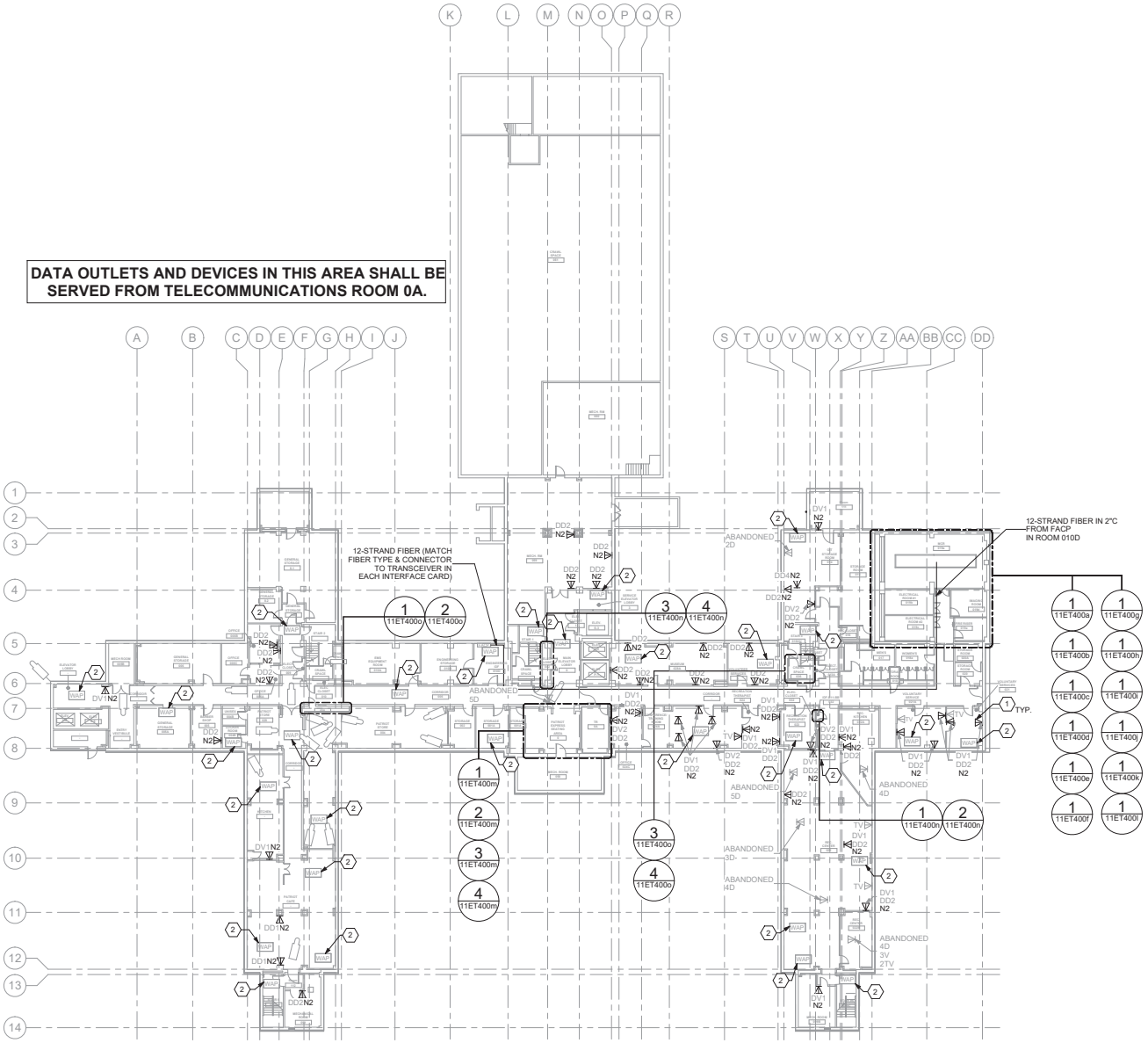
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_02_EL_SDB.rvt

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 0A.



1 BLDG 11 - LEVEL 00 - TELECOMMUNICATIONS PLAN
1/16" = 1'-0"

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
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6. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
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KEY NOTES

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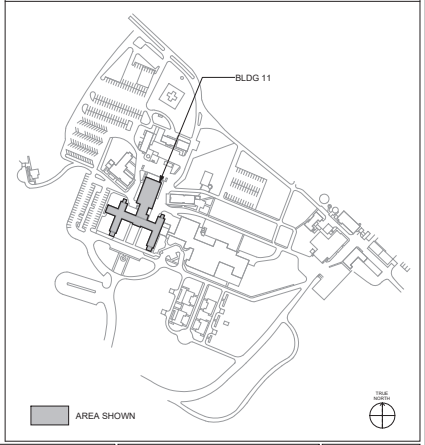
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP: BICSI RCDD

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - TELECOMMUNICATIONS PLAN
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	11
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Drawing Number	11ET100

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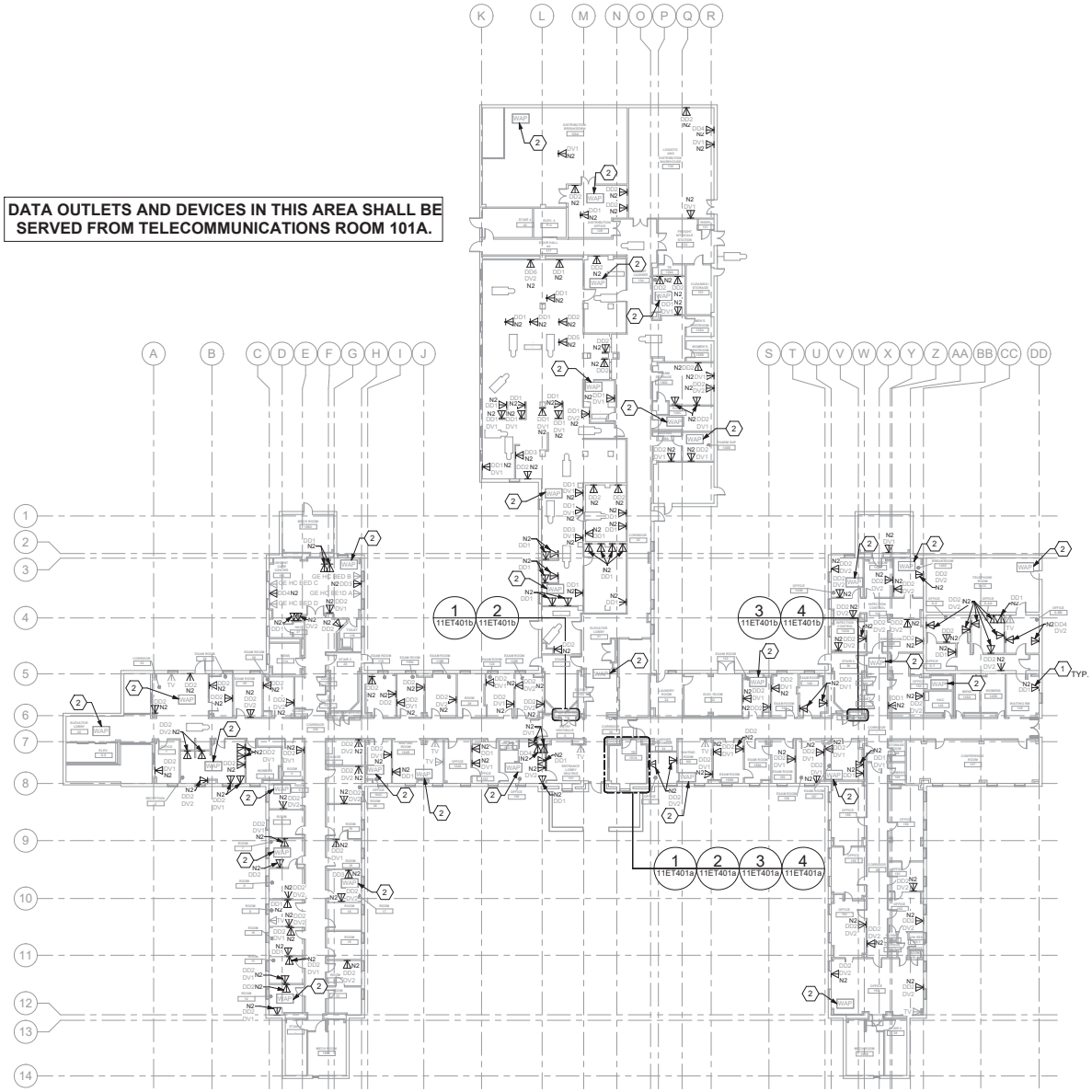
1 16/01/2026 5:19:20 am
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 101A.



1 BLDG 11 - LEVEL 01 - TELECOMMUNICATIONS PLAN
1/16" = 1'-0"

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KEY NOTES

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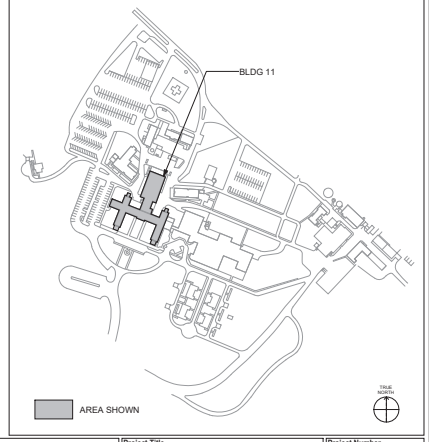
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 01 - TELECOMMUNICATIONS PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET101

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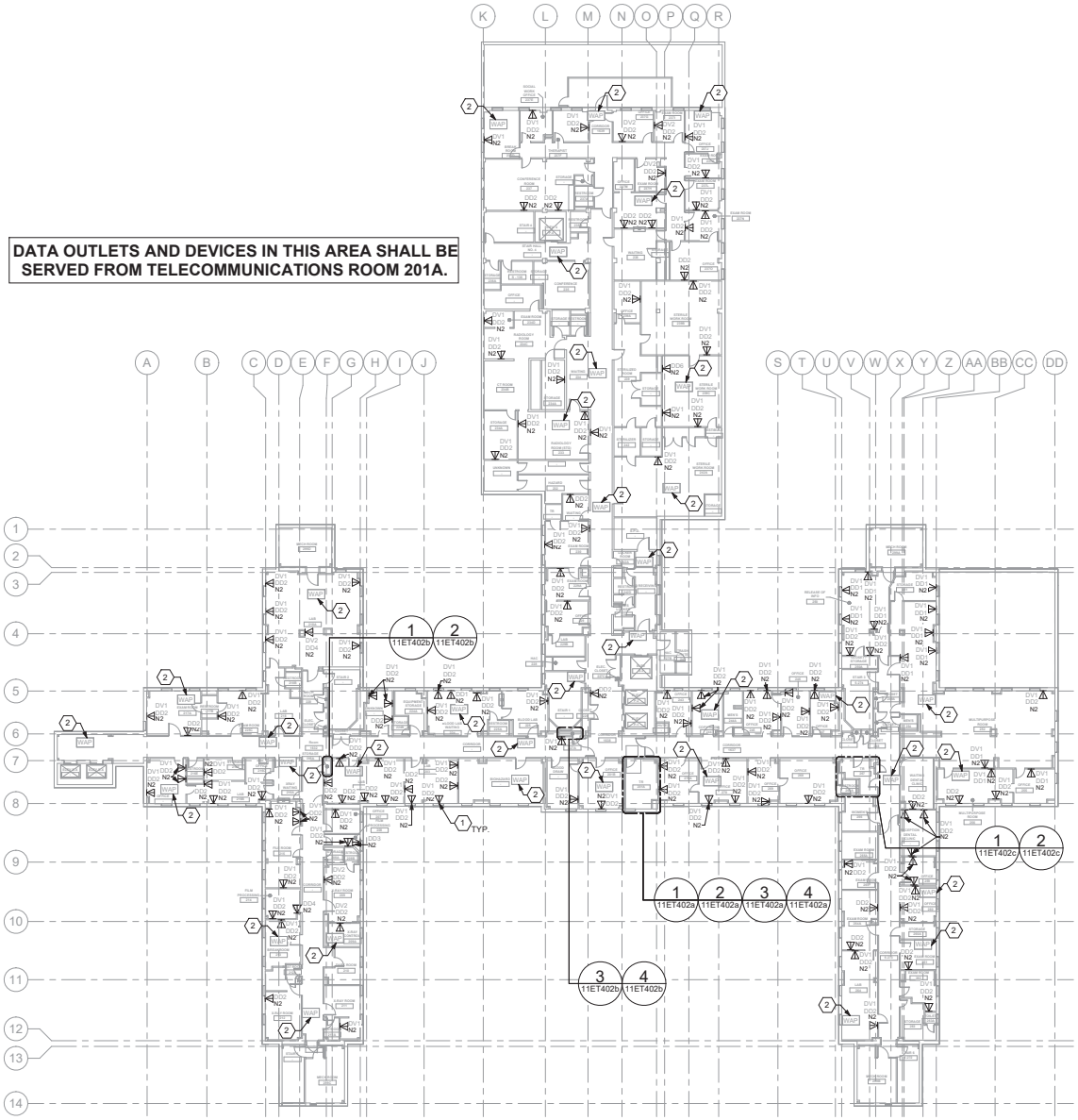
Autodesk Docs://671A4-21-700 VATX Kerrville
EHRM/VATX_11_EL_SDB.rvt

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 201A.



1 BLDG 11 - LEVEL 02 - TELECOMMUNICATIONS PLAN
1/16" = 1'-0"

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
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KEY NOTES

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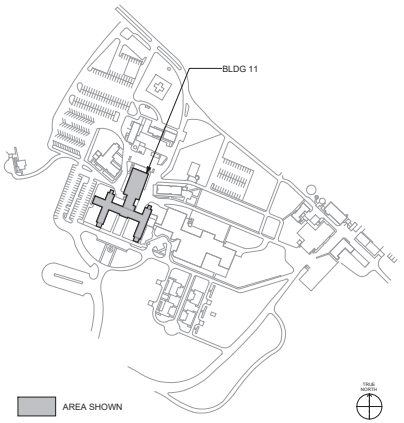
KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

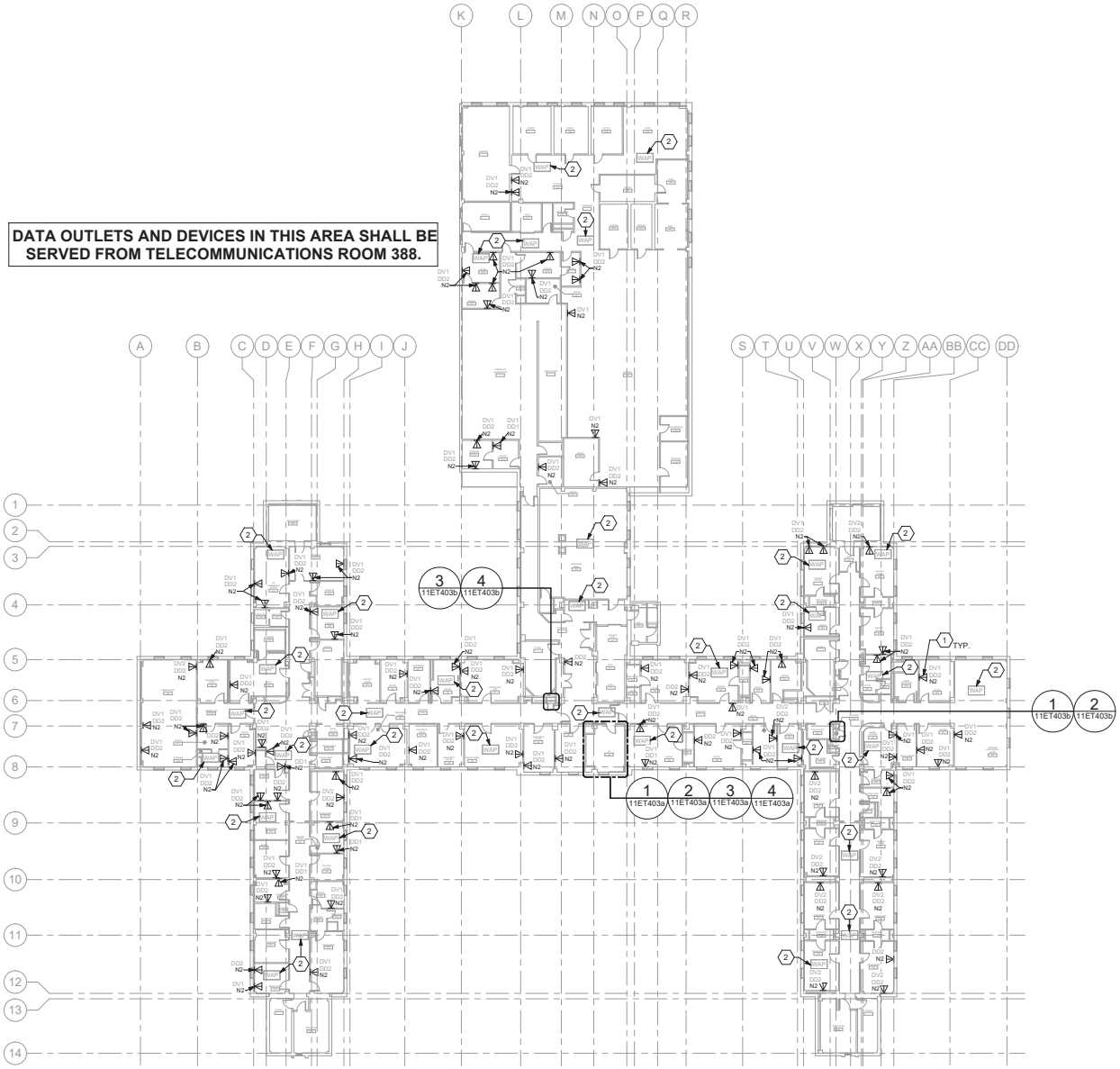
STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 02 - TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 11ET102
		Issue Date: 11/21/2025 · Checked: KG/SHM · Drawn: RTS/CNI	258 of 339

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 388.



1 BLDG 11 - LEVEL 03 - TELECOMMUNICATIONS PLAN
1/16" = 1'-0"

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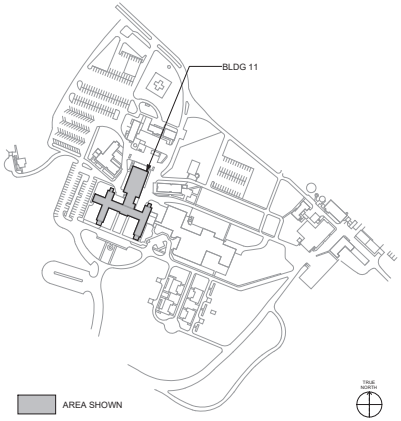
KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP: BICSI RCDD

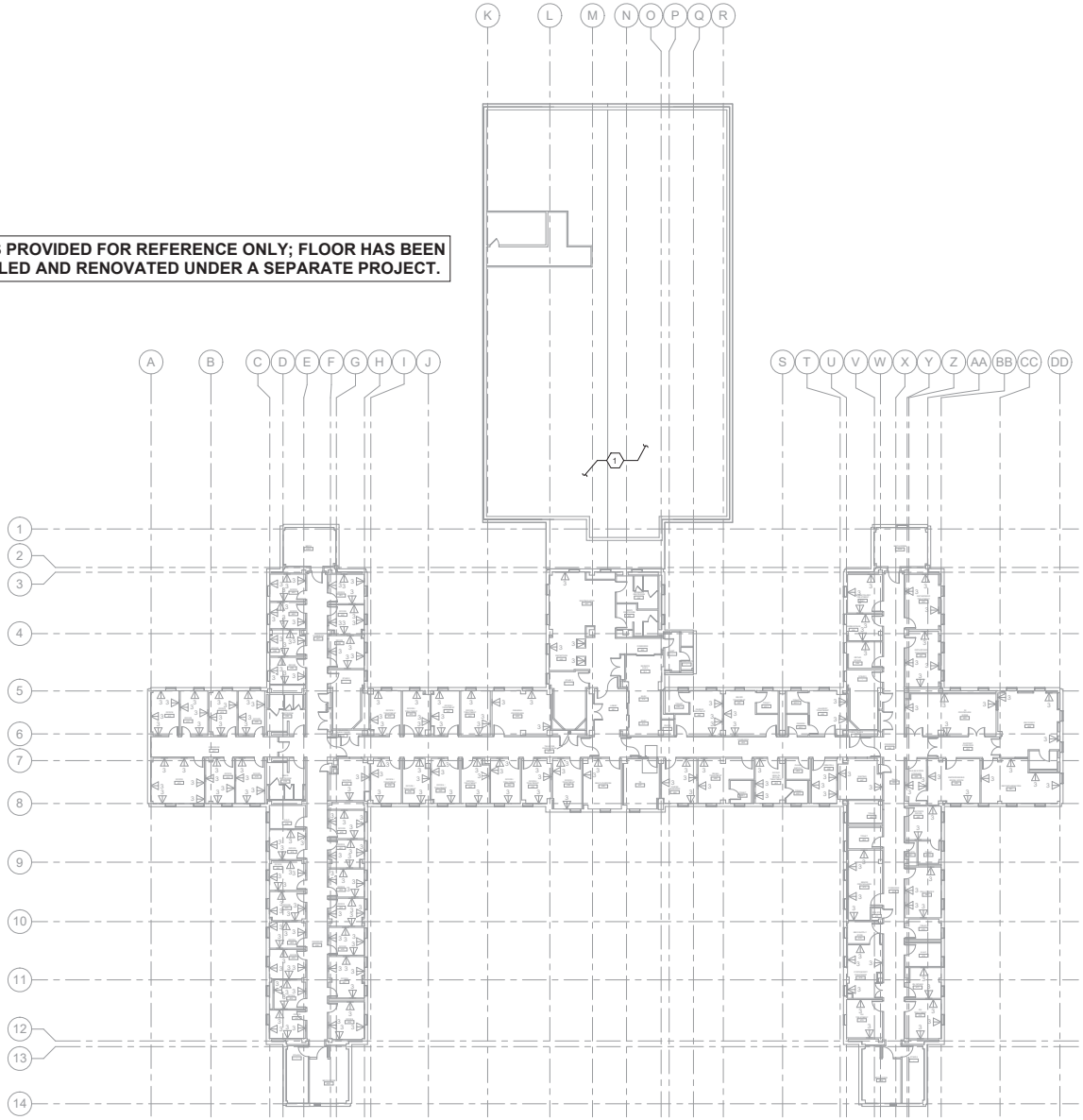
Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 03 -TELECOMMUNICATIONS PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 11ET103
		Issue Date: 11/21/2025 · Checked: KG/SHM · Drawn: RTS/ONI	259 of 339

VA FORM 08 - 6231

SHEET IS PROVIDED FOR REFERENCE ONLY; FLOOR HAS BEEN RE-CABLED AND RENOVATED UNDER A SEPARATE PROJECT.



1 BLDG 11 - LEVEL 04 - TELECOMMUNICATIONS PLAN
1/16" = 1'-0"

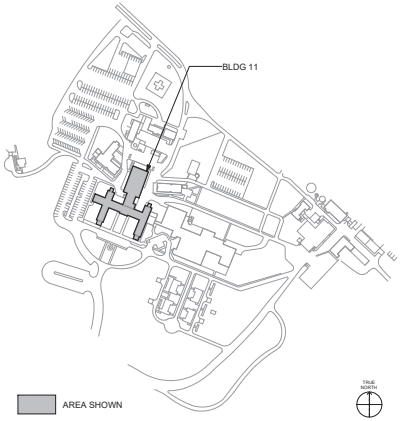
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
5. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
6. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS. ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

KEY NOTES

1. BUILDING 11 FLOOR 4 WAS PREVIOUSLY RE-CABLED UNDER A DIFFERENT PROJECT. RE-CABLING ON THIS FLOOR IS NOT IN CONTRACT.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

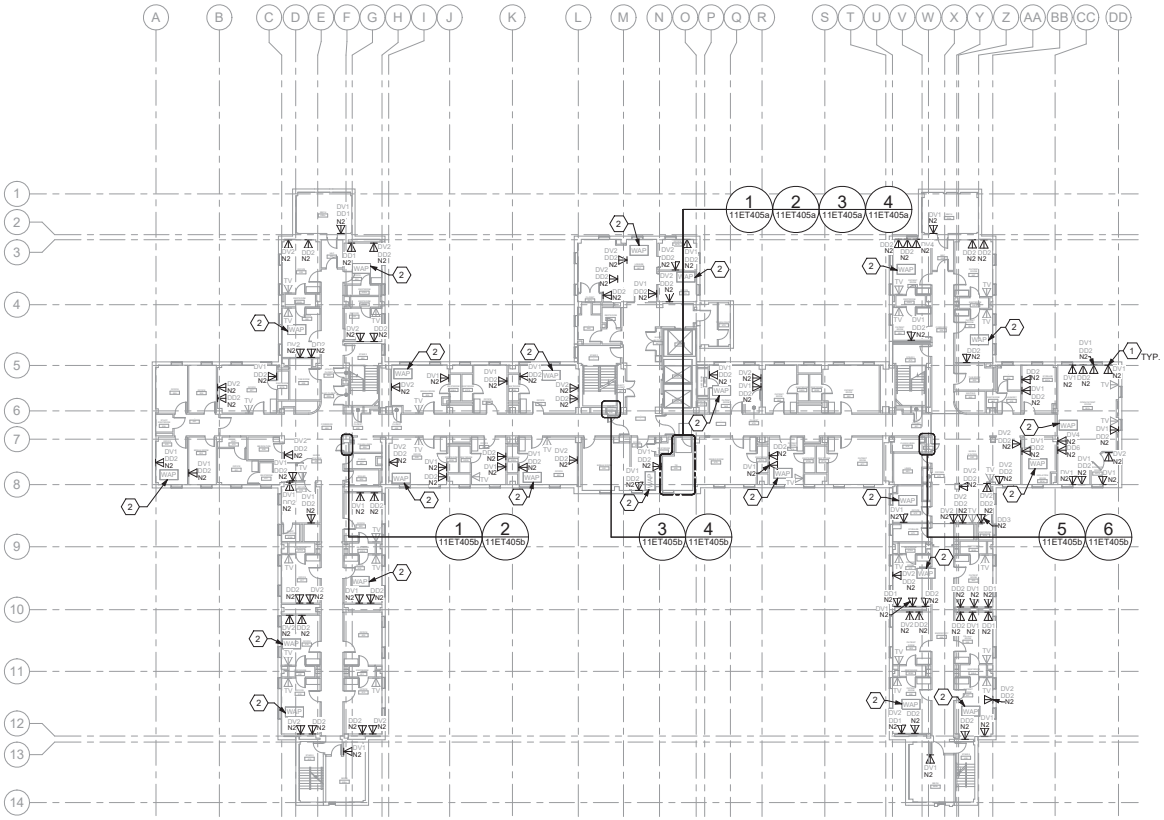
STAMP: BICSI RCDD

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 04 - TELECOMMUNICATIONS PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: KG/SHM
Drawn: RTS/CNI
Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11ET104

VA FORM 08 - 6231
1 16/01/2026 5:19:37 am
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 580.



1 BLDG 11 - LEVEL 05 - TELECOMMUNICATIONS PLAN
1/16" = 1'-0"

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
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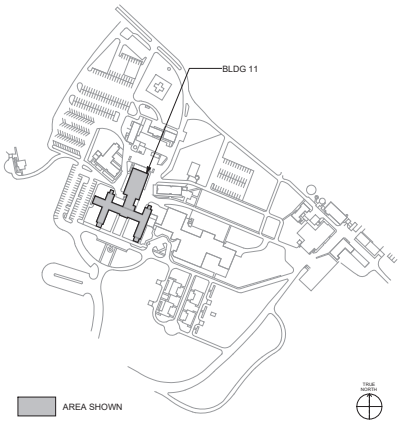
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
6. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
7. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
8. WAOs AND DEVICE LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES BASED ON AS-BUILT DRAWINGS.
9. ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
10. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.
11. THE CONTRACTOR SHALL BID AND INSTALL CAT6A CABLE WITH AN OD NOT GREATER THAN 0.250" (6.35mm) (4) CAT6A CABLES WITH AN 0.250" (6.35mm) OD OR SMALLER CAN BE INSTALLED IN A 3/4" CONDUIT SUPPORTING A 40% FILL RATIO.

KEY NOTES

1. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE DETAIL '1' ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

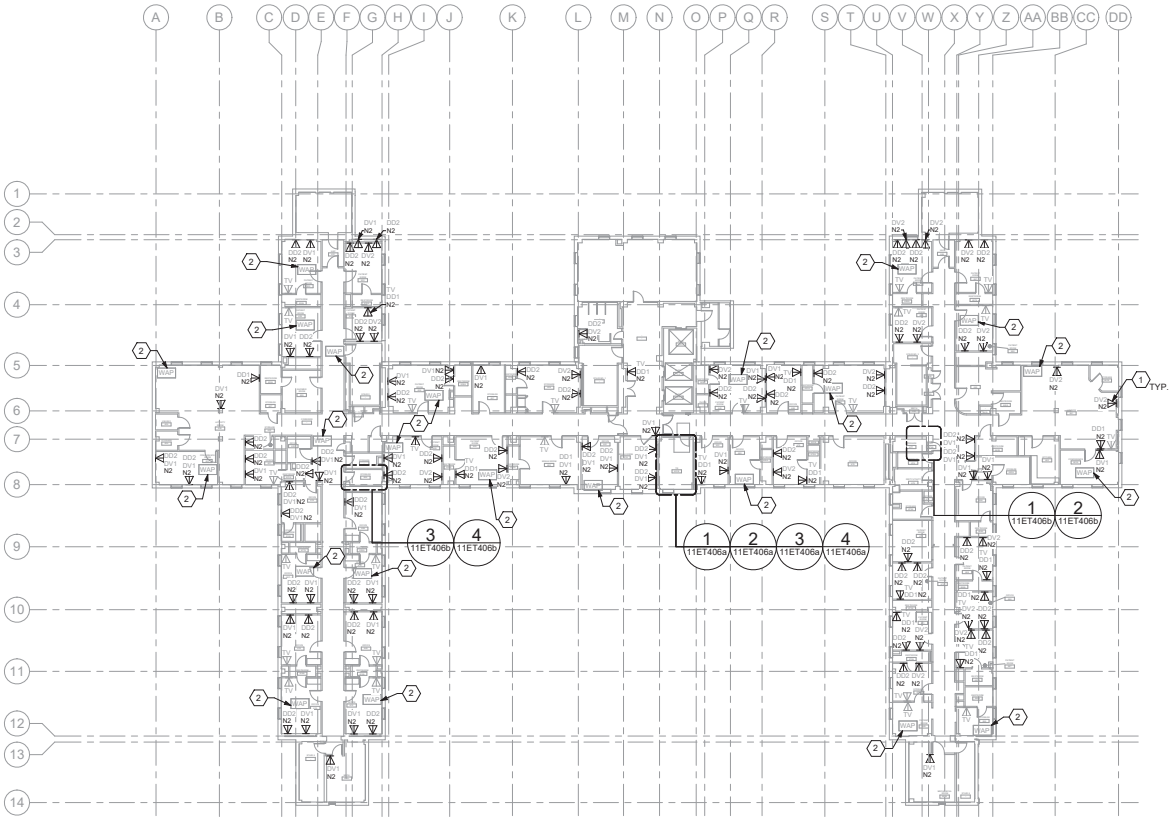
Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 05 - TELECOMMUNICATIONS PLAN
Phase	100% CONSTRUCTION DOCUMENTS
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	11
Approved:	FULLY SPRINKLERED
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Drawing Number	11ET105

VA FORM 08 - 6231 1 16/01/2026 5:19:42 am
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 601B.



1 BLDG 11 - LEVEL 06 - TELECOMMUNICATIONS PLAN
1/16" = 1'-0"

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
6. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
7. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
8. WAOs AND DEVICE LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES BASED ON AS-BUILT DRAWINGS.
9. ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
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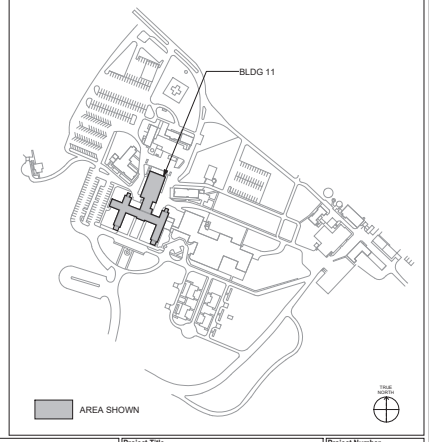
KEY NOTES

1. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE DETAIL '1' ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

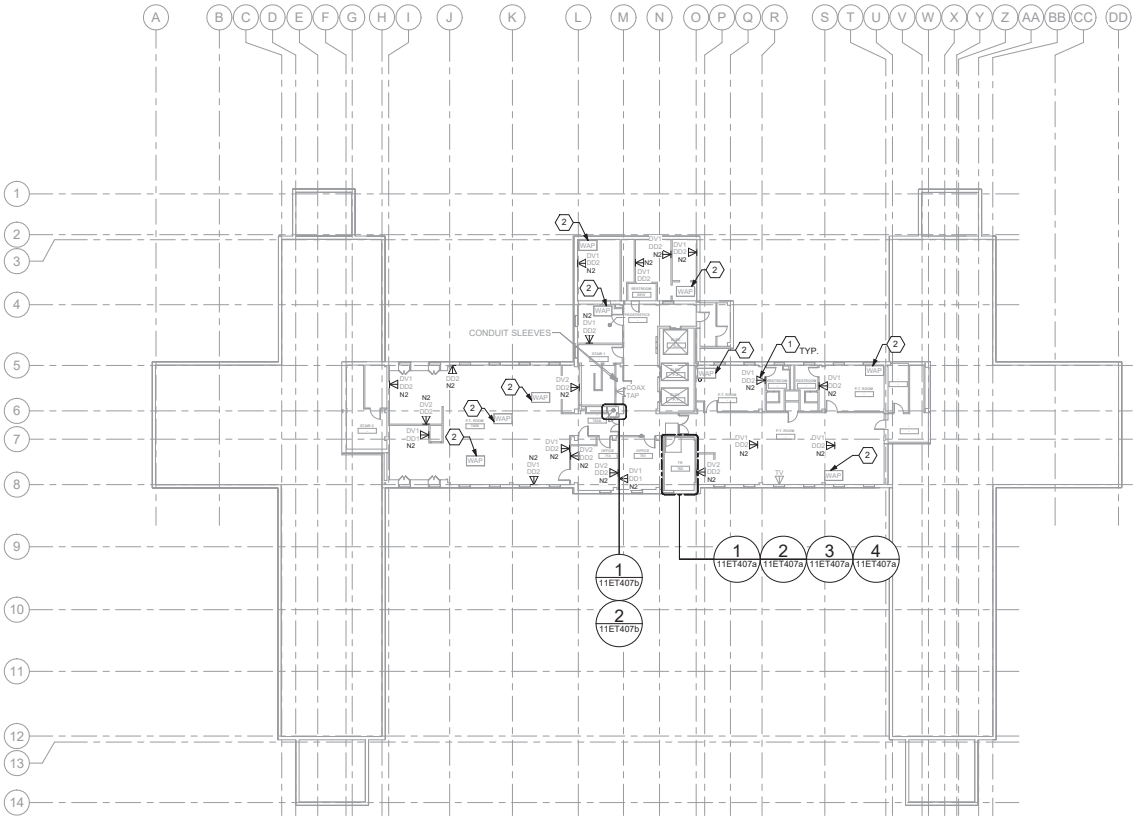
U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 06 - TELECOMMUNICATIONS PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET106

VA FORM 08 - 6231

1 16/01/2026 5:19:46 am
Autodesk Docs://671A4-21-700 VATX Kerrville
EHRM/VATX_11_EL_SDB.rvt

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 702.



1 BLDG 11 - LEVEL 07 - TELECOMMUNICATIONS PLAN
1/16" = 1'-0"

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
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4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
6. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
7. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
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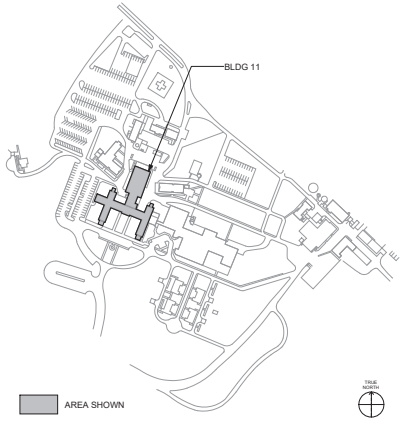
11. THE CONTRACTOR SHALL BID AND INSTALL CAT6A CABLE WITH AN OD NOT GREATER THAN 0.250" (6.35mm) (4) CAT6A CABLES WITH AN 0.250" (6.35mm) OD OR SMALLER CAN BE INSTALLED IN A 3/4" CONDUIT SUPPORTING A 40% FILL RATIO.

KEY NOTES

1. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE DETAIL '1' ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 07 - TELECOMMUNICATIONS PLAN
Phase	100% CONSTRUCTION DOCUMENTS
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	11
Approved:	
	FULLY SPRINKLERED
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Drawing Number	11ET107
	263 of 339

VA FORM 08 - 6231

1 16/01/2026 5:19:48 am

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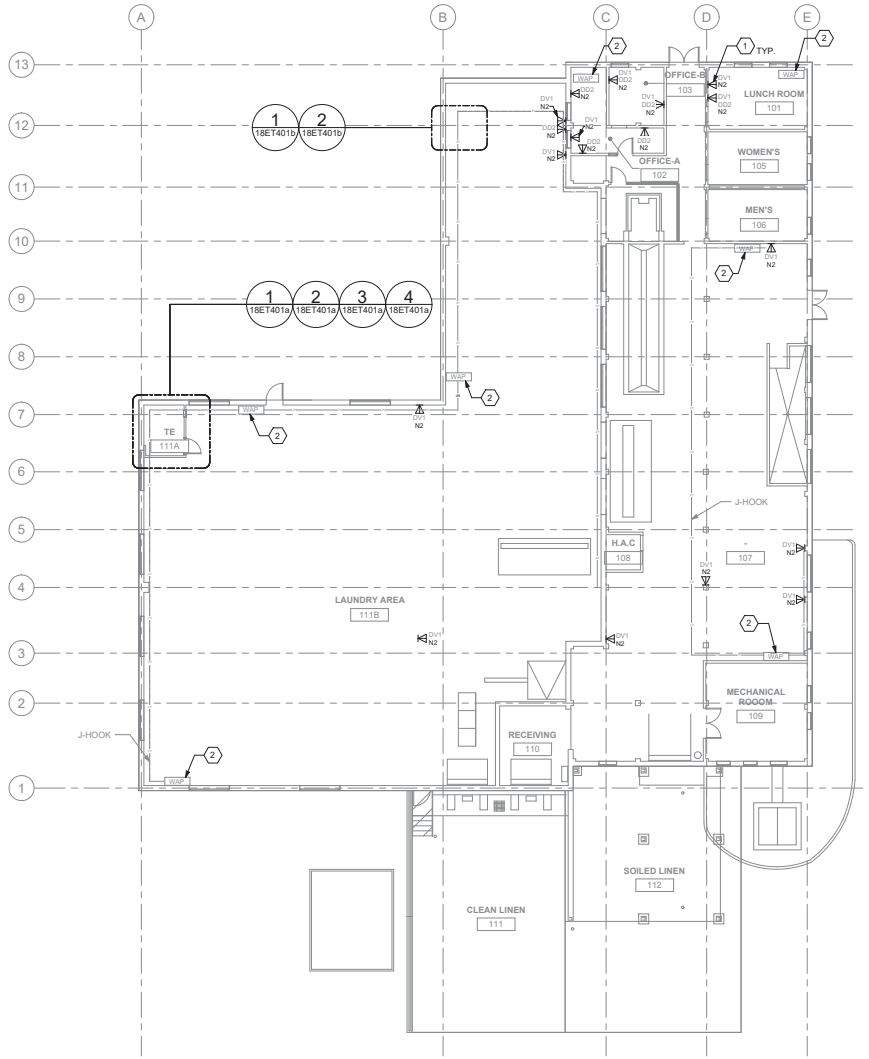
DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 111A.



1 BLDG 18 - LEVEL 01 - TELECOMMUNICATIONS PLAN
1" = 10'-0"

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
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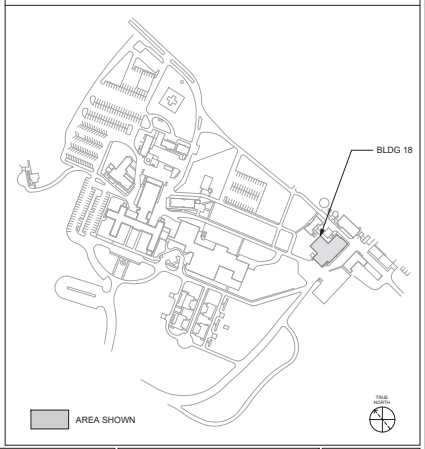
KEY NOTES

(1) PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE DETAIL '1' ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.

(2) EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

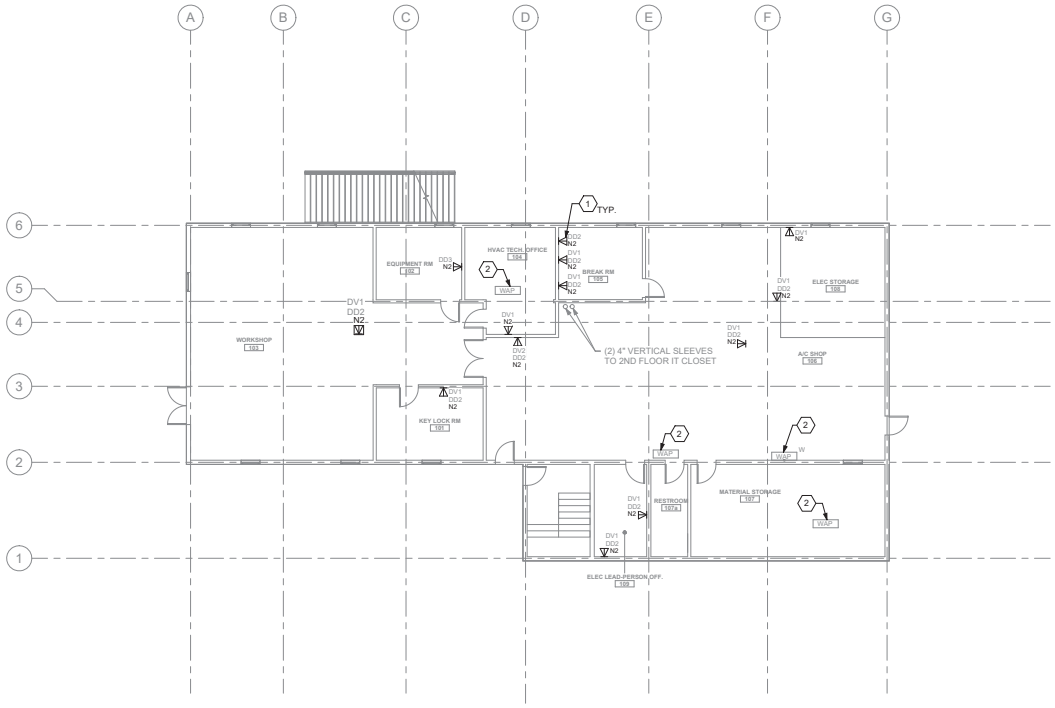
Drawing Title	BLDG 18 - LEVEL 01 - TELECOMMUNICATIONS PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED	
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	18
Drawing Number	18ET101

VA FORM 08 - 6231

1 16/01/2026 5:28:09 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_18_EL_SDB.rvt

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 201 ON LEVEL 02.



1 BLDG 29 - LEVEL 01 - TELECOMMUNICATIONS PLAN
1/8" = 1'-0"

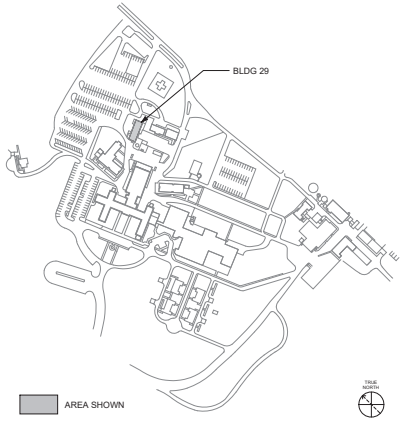
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
6. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
7. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
8. WAOs AND DEVICE LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES BASED ON AS-BUILT DRAWINGS.
9. ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
10. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.
11. THE CONTRACTOR SHALL BID AND INSTALL CAT6A CABLE WITH AN OD NOT GREATER THAN 0.250" (6.35mm) (4) CAT6A CABLES WITH AN 0.250" (6.35mm) OD OR SMALLER CAN BE INSTALLED IN A 3/4" CONDUIT SUPPORTING A 40% FILL RATIO.

KEY NOTES

1. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE DETAIL '1' ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

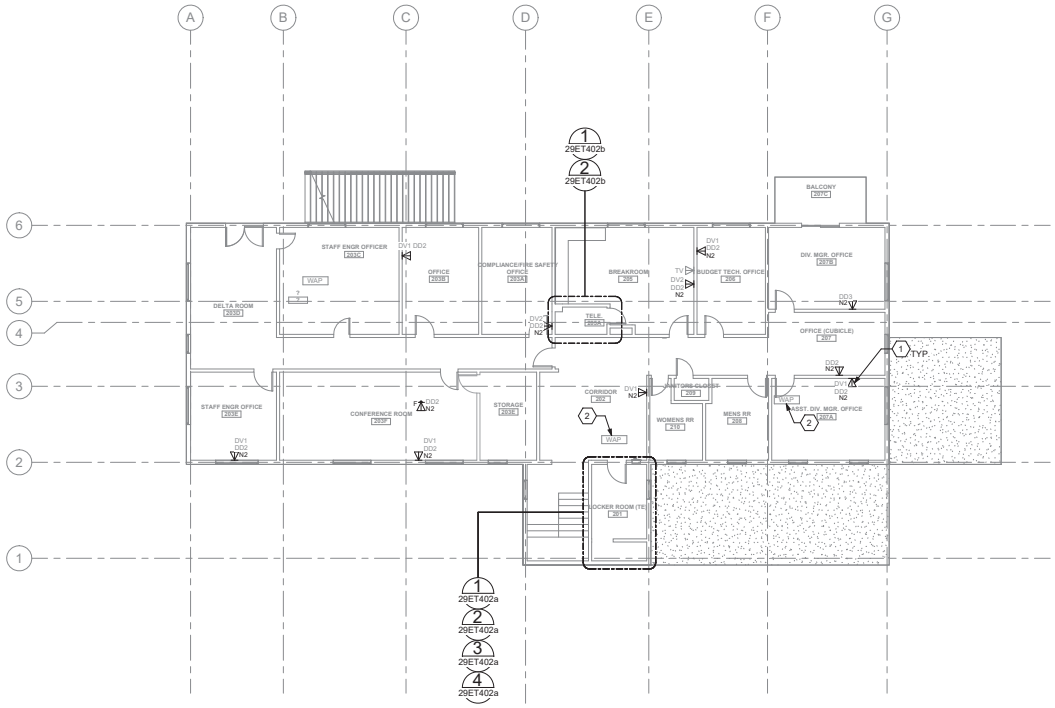
STAMP
BICSI RCDD

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 29 - LEVEL 01 - TELECOMMUNICATIONS PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: KG/SHM
Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 29
Drawing Number: 29ET101

VA FORM 08 - 6231
16/01/2026 6:21:49 am
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_29_EL_SDB.rvt

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 201.



1 BLDG 29 - LEVEL 02 - TELECOMMUNICATIONS PLAN
1/8" = 1'-0"

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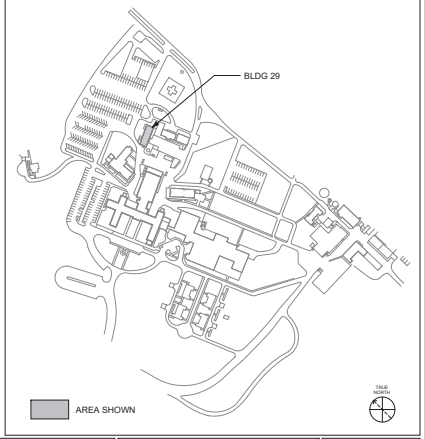
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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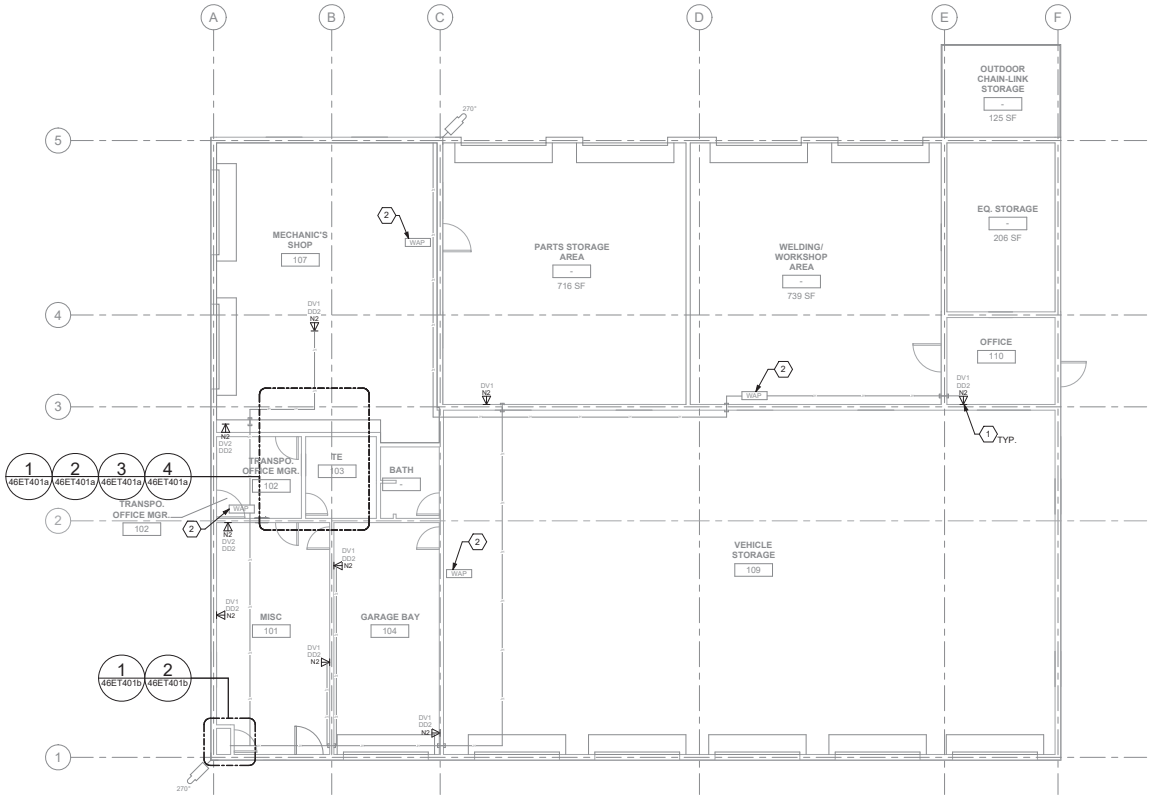
BICSI RCDD

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 29 - LEVEL 02 - TELECOMMUNICATIONS PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: KG/SHM
Drawn: RTS/ONI
Project Number: 671A4-21-700
Building Number: 29
Drawing Number: 29ET102
266 of 339

VA FORM 08 - 6231
1 16/01/2026 6:21:50 am
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_29_EL_SDB.rvt

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 103.



1 BLDG 46 - LEVEL 01 - TELECOMMUNICATIONS PLAN
3/16" = 1'-0"

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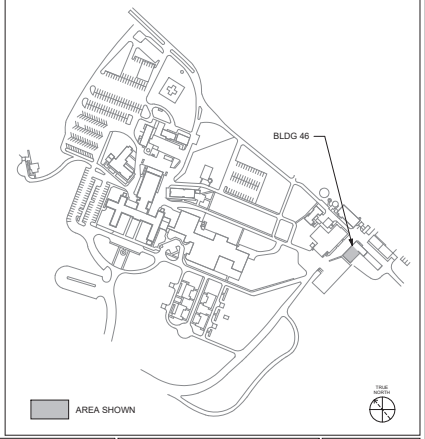

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP
BICSI RCDD

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 46 - LEVEL 01 - TELECOMMUNICATIONS PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
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Drawn: RTS/CNI
Project Number: 671A4-21-700
Building Number: 46
Drawing Number: 46ET101
267 of 339

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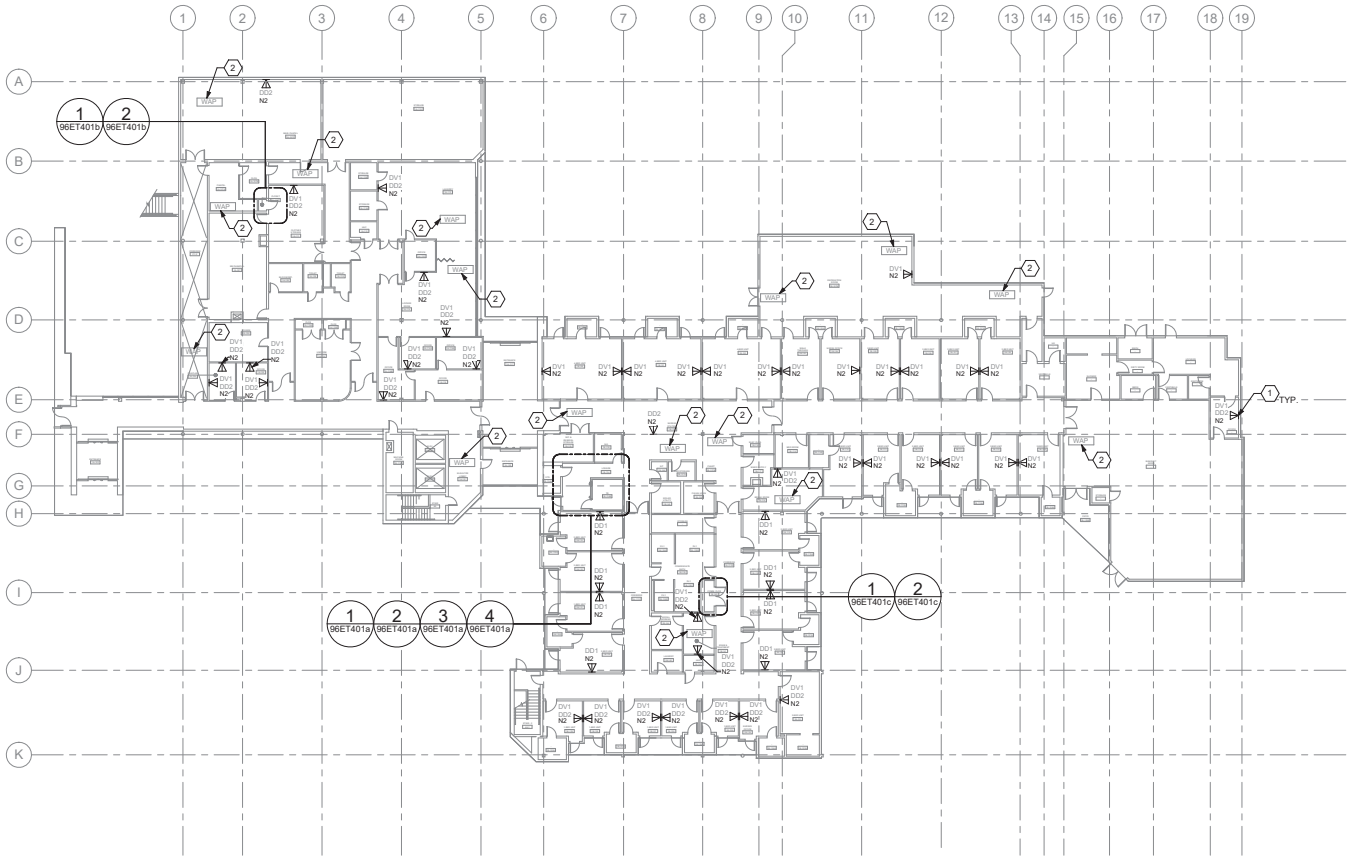
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_46_EL_SDB.rvt

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 1B-134B.



1 BLDG 96 - LEVEL 01 - TELECOMMUNICATIONS PLAN
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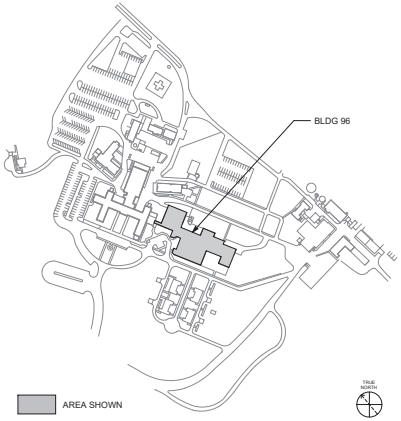

Revisions:	Date:

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DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 96 - LEVEL 01 - TELECOMMUNICATIONS PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
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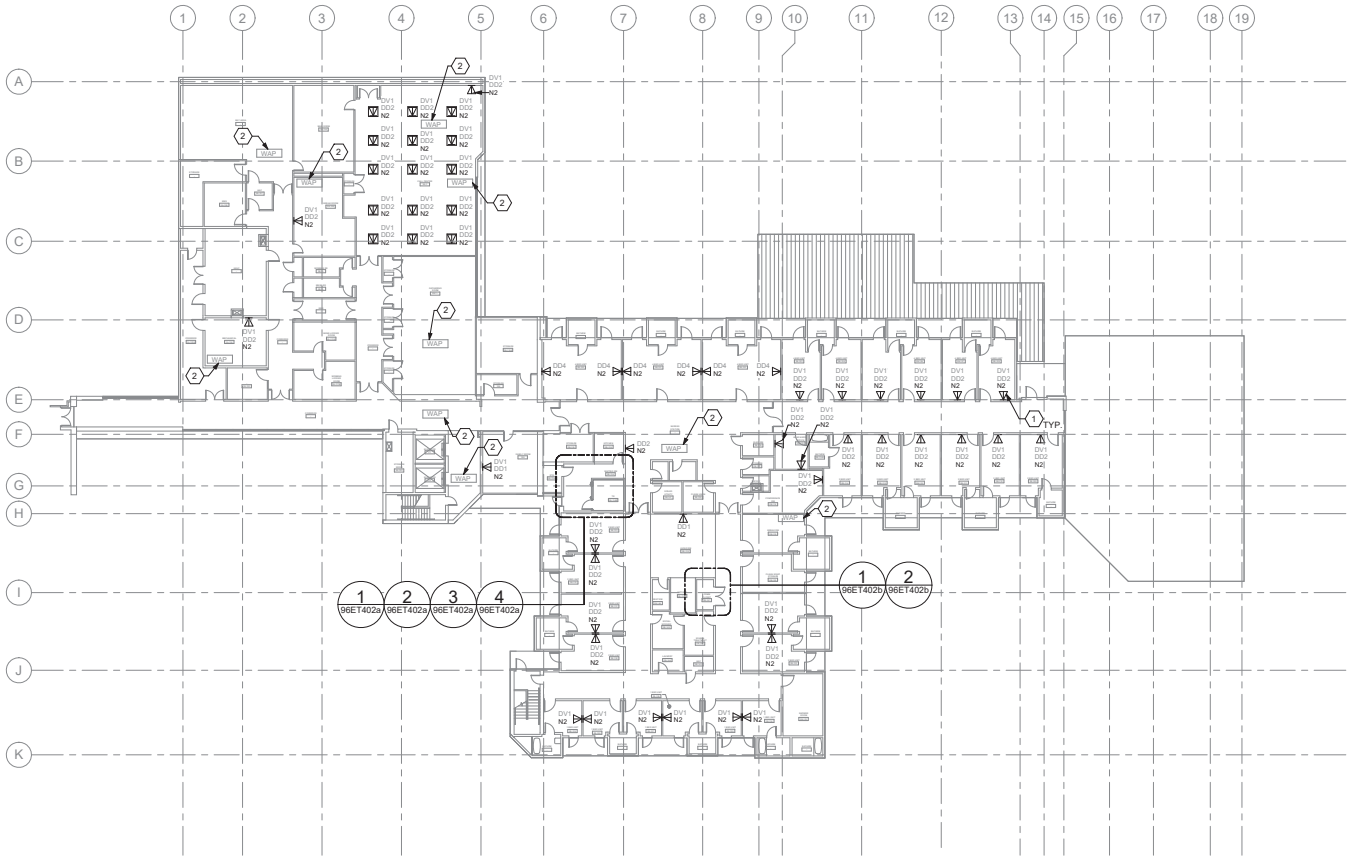
Building Number	96
Drawing Number	96ET101

VA FORM 08 - 6231 1 16/01/2026 5:30:07 am
Autodesk Docs://671A4-21-700 VATX Kerrville
EHRM/VATX_96_EL_SDB.rvt

DATA OUTLETS AND DEVICES IN THIS AREA SHALL BE SERVED FROM TELECOMMUNICATIONS ROOM 2B-134B.



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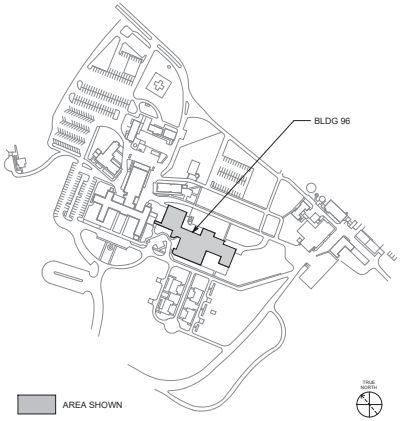
11. THE CONTRACTOR SHALL BID AND INSTALL CAT6A CABLE WITH AN OD NOT GREATER THAN 0.250" (6.35mm) (4) CAT6A CABLES WITH AN 0.250" (6.35mm) OD OR SMALLER CAN BE INSTALLED IN A 3/4" CONDUIT SUPPORTING A 40% FILL RATIO.

KEY NOTES

1. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE DETAIL '1' ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 96 - LEVEL 02 - TELECOMMUNICATIONS PLAN
Phase	100% CONSTRUCTION DOCUMENTS
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	96
Approved:	
	FULLY SPRINKLERED
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/CNI
Drawing Number	96ET102

VA FORM 08 - 6231

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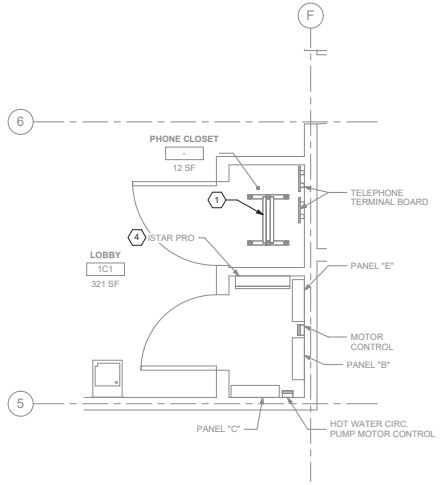
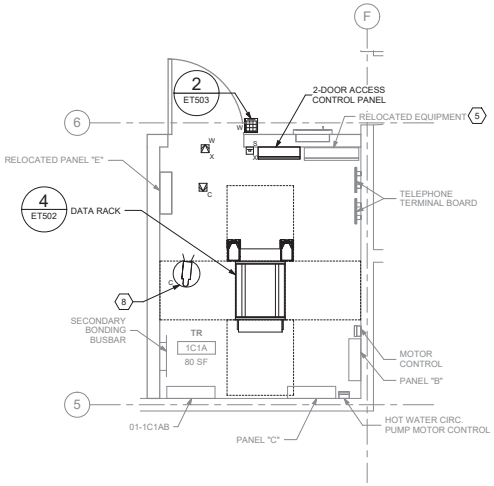
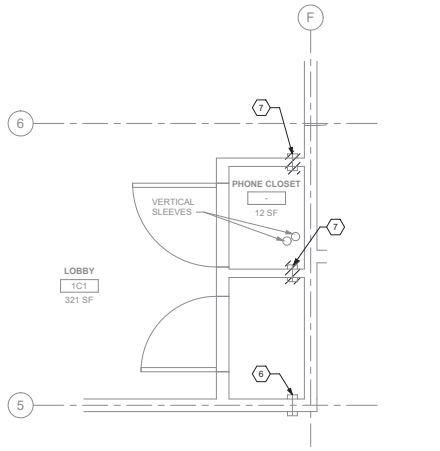
EHRM/VATX_96_EL_SDB.rvt



1 01ET101 RM XX - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 01ET101 RM 1C1A - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 01ET101 RM XX - DEMOLITION OVERHEAD PLAN
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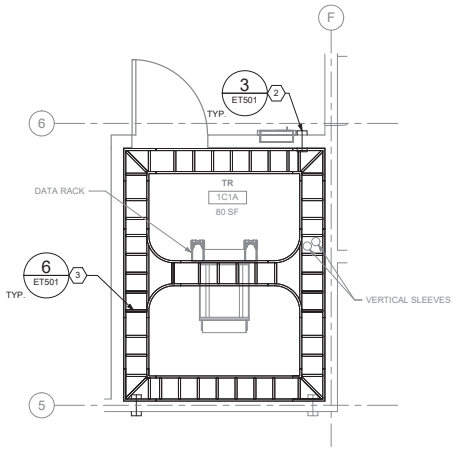

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2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
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8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
9. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
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KEY NOTES

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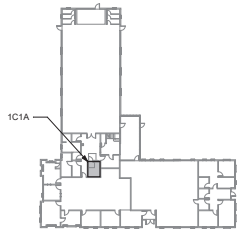
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
3. WIRE BASKET CABLE TRAY.
4. EXISTING EQUIPMENT TO BE RELOCATED AS SHOWN IN DETAIL "2" ON THIS SHEET.
5. RELOCATED EQUIPMENT. EXTEND CONDUIT AND WIRE AS REQUIRED.
6. EXISTING FIREPROOF HORIZONTAL SLEEVE.
7. EXISTING FIREPROOF HORIZONTAL SLEEVE TO BE DEMOLISHED.
8. PROVIDE (1) CAT6A CABLE FOR ADDED SECURITY CAMERA.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 01 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	01
Drawing Number	01ET401

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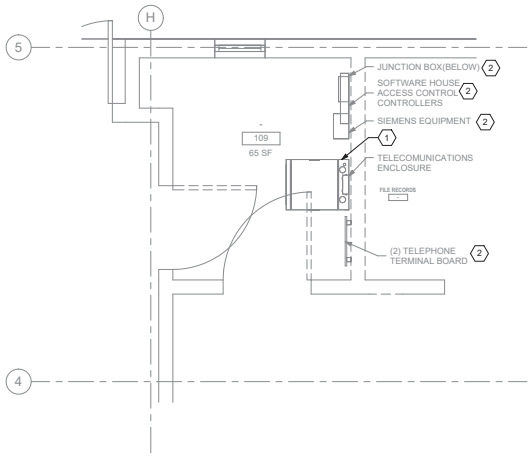
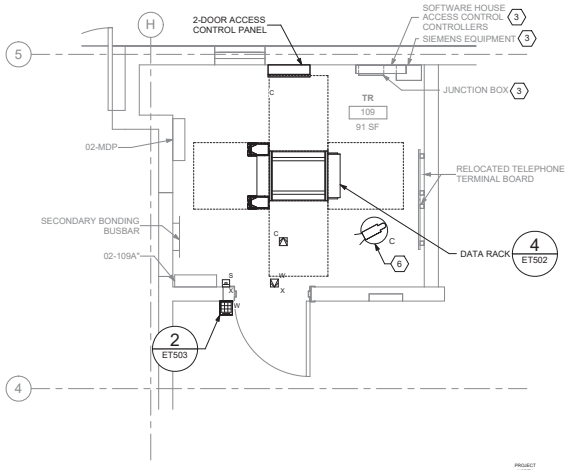


1 02ET101 RM 109 & 110 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 02ET101 RM 109 - TELECOMMUNICATIONS PLAN
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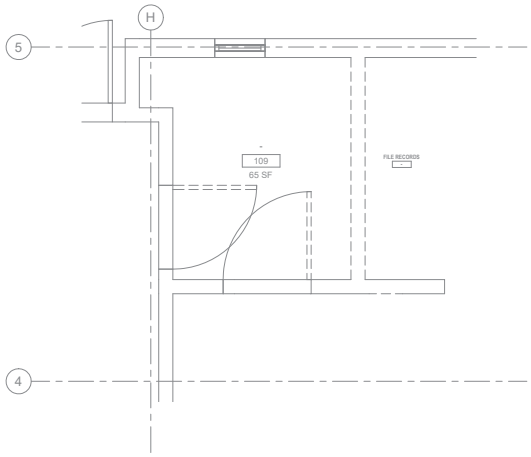

3 02ET101 RM 109 & 110 - DEMOLITION OVERHEAD PLAN
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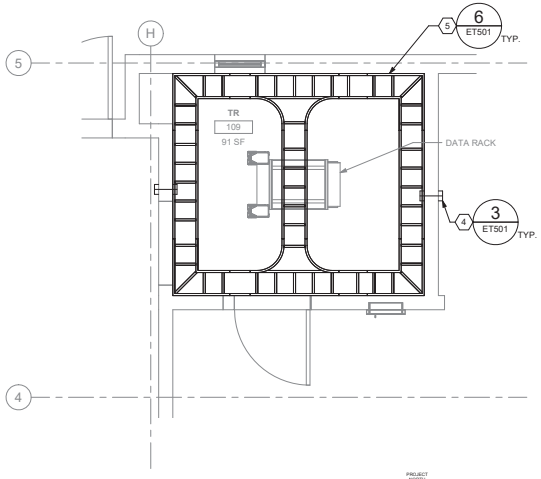

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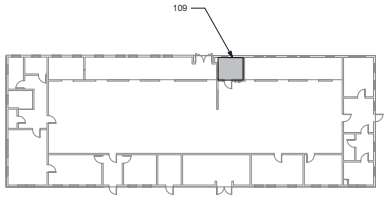

AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 02 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS
Phase	100% CONSTRUCTION DOCUMENTS
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	02
Approved:	
	FULLY SPRINKLERED
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Drawing Number	02ET401

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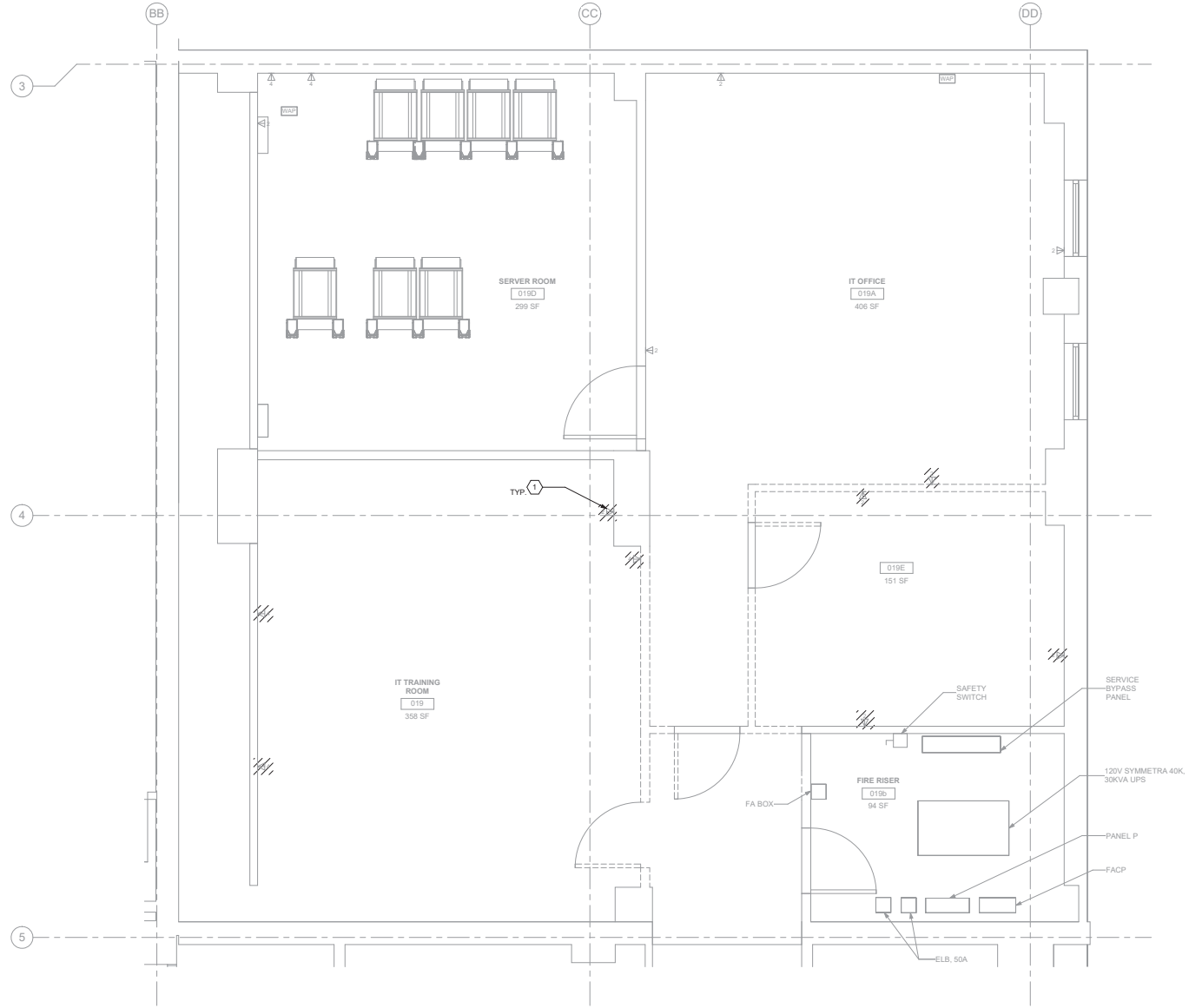

1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - DEMO FLOOR PLAN
11ET100
1/2" = 1'-0"

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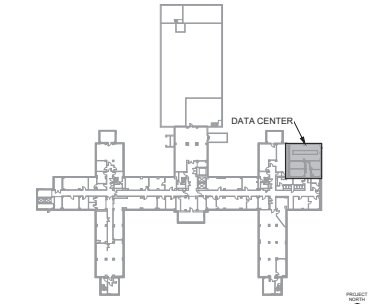
KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - DEMO FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: KG/SHM | Drawn: RTS/CNI

Project Number: 671A4-21-700

Building Number: 11

Drawing Number: 11ET400a

VA FORM 08 - 6231

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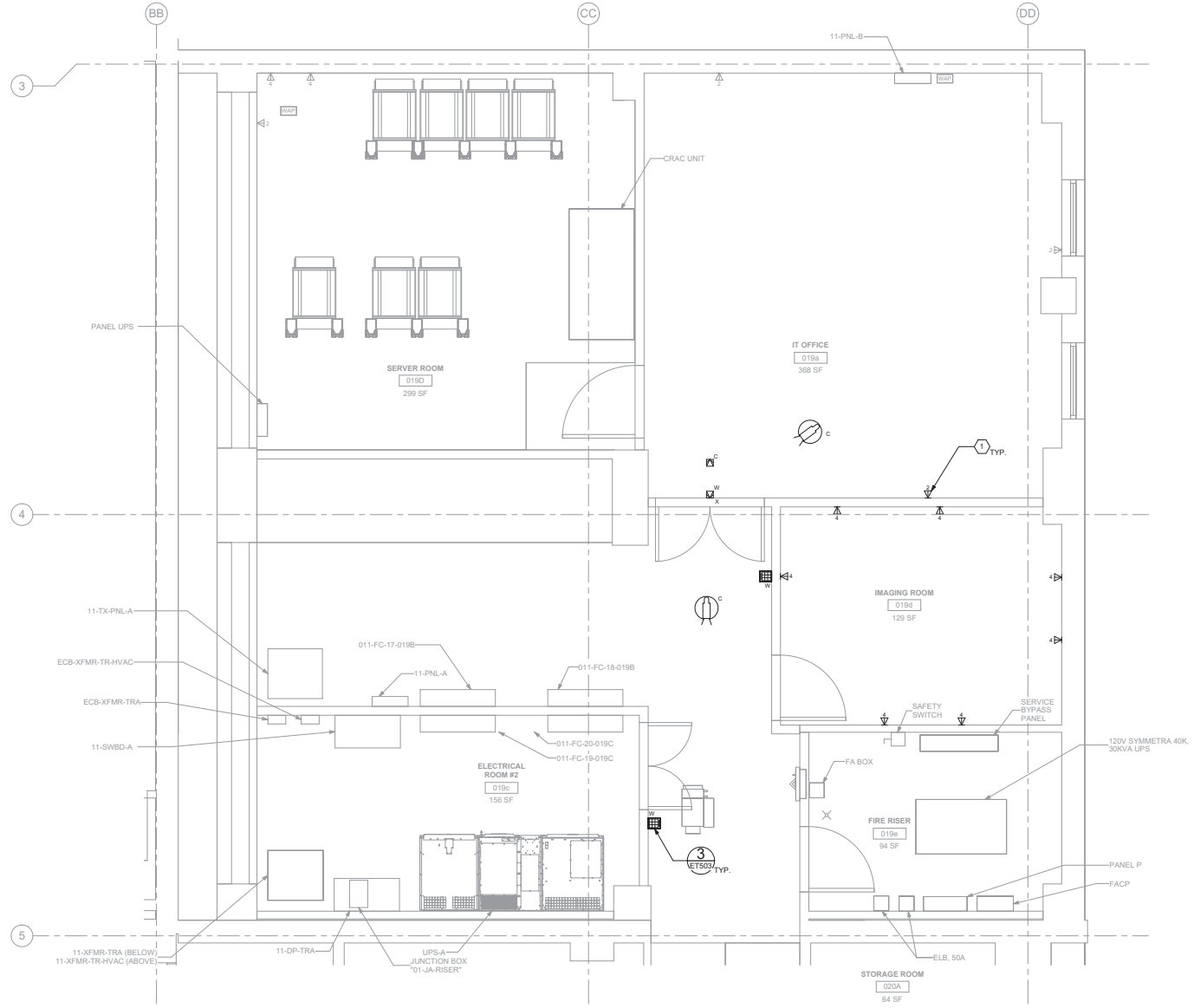

1 11ET100 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - TELECOMMUNICATIONS PLAN

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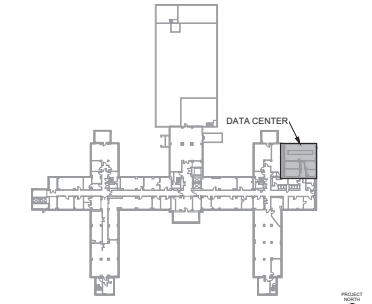
6. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
7. WHERE NEW DATA OUTLETS ARE BEING PROVIDED AND EXISTING DATA OUTLET CURRENTLY DOES NOT EXIST, PROVIDE (1) 1" CONDUIT FROM NEW BACKBOX TO ACCESSIBLE CEILING SPACE TO SECURELY ROUTE DATA CABLING FROM OUTLET TO TR VIA CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND RACEWAY FROM OUTLET TO TR AS REQUIRED.
8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
9. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
10. WAOs AND DEVICE LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES BASED ON AS-BUILT DRAWINGS.
11. ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
12. ALL TELECOMMUNICATION ROOMS SHALL BE PROVIDED WITH FIRE-RATED PLYWOOD BACKBOARDS. REFERENCE EXACT PLACEMENTS WITH ARCHITECTURE DRAWINGS AS REQUIRED.
13. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

KEY NOTES

1. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN, IT WILL BE UTILIZED TO FEED NEW CABLING; REFERENCE SHEET DETAIL "1" ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP: BICSI RCDD

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - TELECOMMUNICATIONS PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: KG/SHM | Drawn: RTS/CNI

Project Number: 671A4-21-700

Building Number: 11

Drawing Number: 11ET400b

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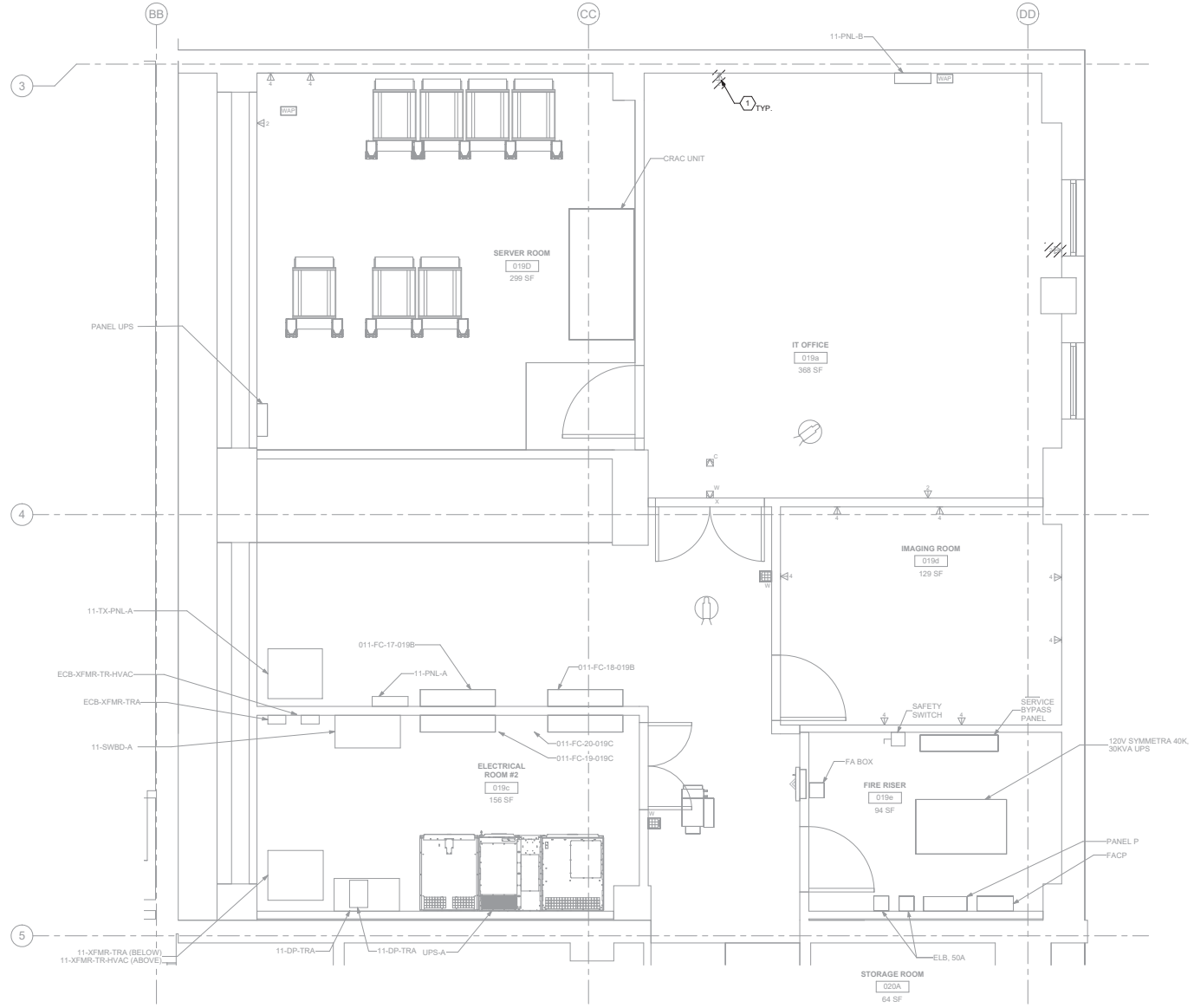
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt



1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - DEMO FLOOR PLAN
11ET100 1/2" = 1'-0"

PROJECT NORTH

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
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8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
9. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
10. WAOs AND DEVICE LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES BASED ON AS-BUILT DRAWINGS.
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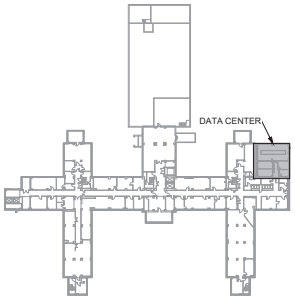
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. EXISTING EQUIPMENT TO BE SALVAGED AND RETURNED TO VA. ASSOCIATED CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
3. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
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ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
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BICSI RCDD

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - DEMOLITION FLOOR PLAN
Approved:

Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: KG/SHM
Drawn: RTS/ONI

Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11ET400c
274 of 339

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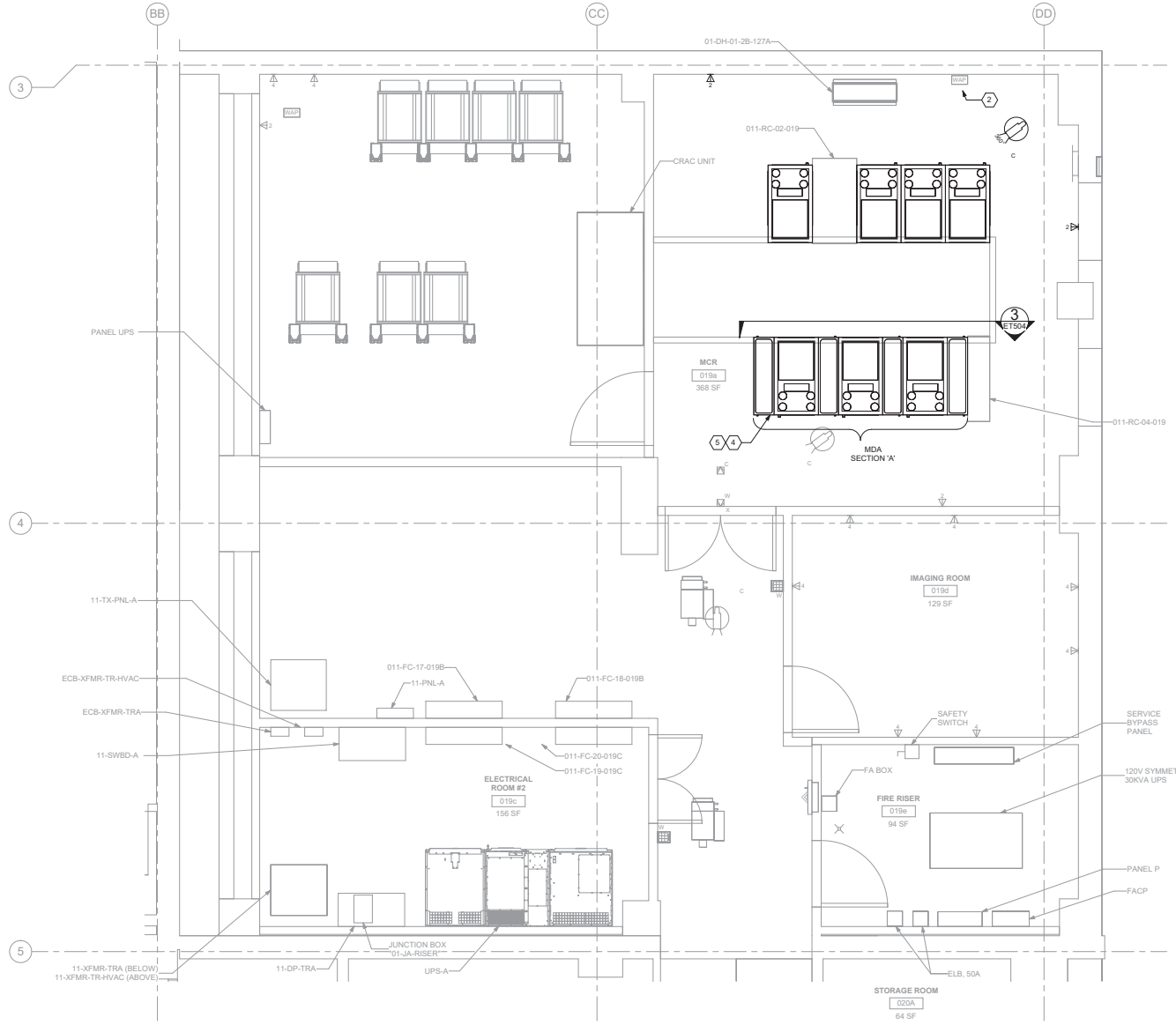

1 11ET100 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - TELECOMMUNICATIONS PLAN

1/2" = 1'-0"

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
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8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
9. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
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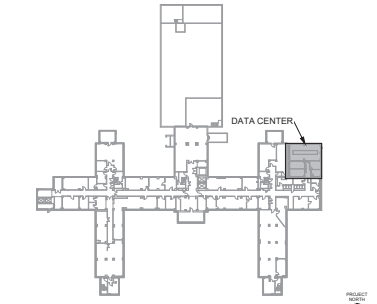
KEY NOTES

1. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN, IT WILL BE UTILIZED TO FEED NEW CABLING; REFERENCE SHEET DETAIL "1" ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.
3. CONTRACTOR TO NOTIFY VA THAT EQUIPMENT IN EXISTING MCR SHOULD BE MIGRATED TO NEW OPERATIONAL SERVER RACKS AND MDAs/HDAs.
4. CONTRACTOR SHALL PROVIDE ONE 48 STRAND OM4 MULTIMODE FIBER OPTIC CABLE FROM THE NEW MDA CABINETS TO THE EXISTING CABINETS HOUSING THE CORE ROUTERS. TERMINATE THESE FIBER STRANDS WITH LC CONNECTORS, TEST AND NOTIFY THE RESIDENT ENGINEER UPON COMPLETION.
5. CONTRACTOR SHALL PROVIDE 1 48 STRAND OM4 MULTIMODE FIBER OPTIC CABLE FROM BOTH EXISTING ISP'S (2) TO THE NEW MDA CABINETS IN THE MCR. TERMINATE ON LC CONNECTORS, TEST AND NOTIFY THE RESIDENT ENGINEER UPON COMPLETION.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - TELECOMMUNICATIONS PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET400d

275 of 339

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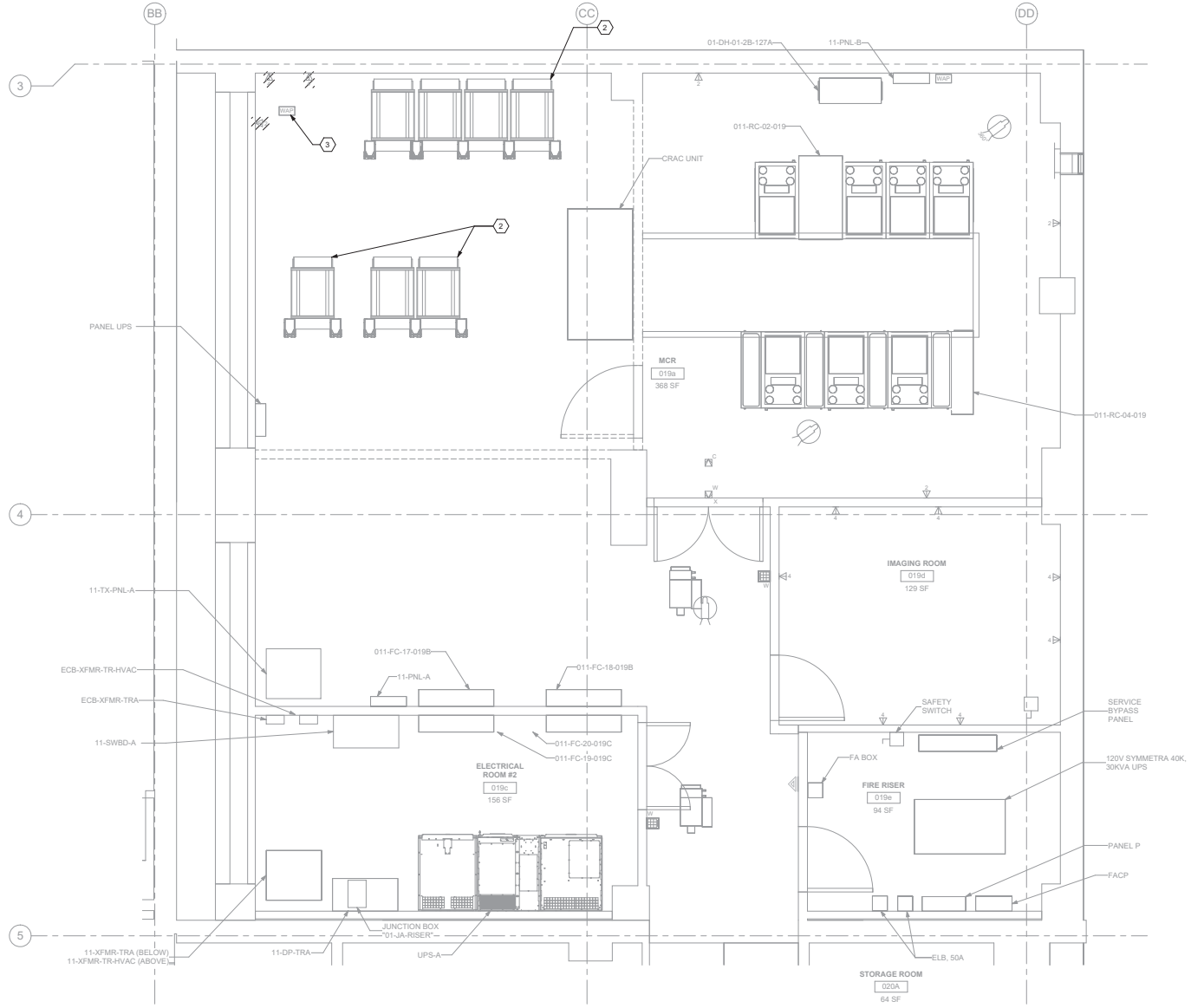

1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - DEMO FLOOR PLAN
11ET100 1/2" = 1'-0"

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
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5. TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING AS CONDUIT FILL ALLOWS. PROVIDE ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED.
6. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
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8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
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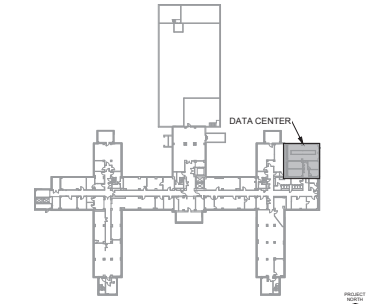
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. EXISTING EQUIPMENT TO BE SALVEGED MUST BE TURNED OVER TO THE VA. CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER FOR ALL MATERIALS REMOVED FOR THIS PROJECT.
3. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
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SPEES DESIGN BUILD
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KENT, WA 98032

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Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - DEMO FLOOR PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
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Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11ET400e
276 of 339

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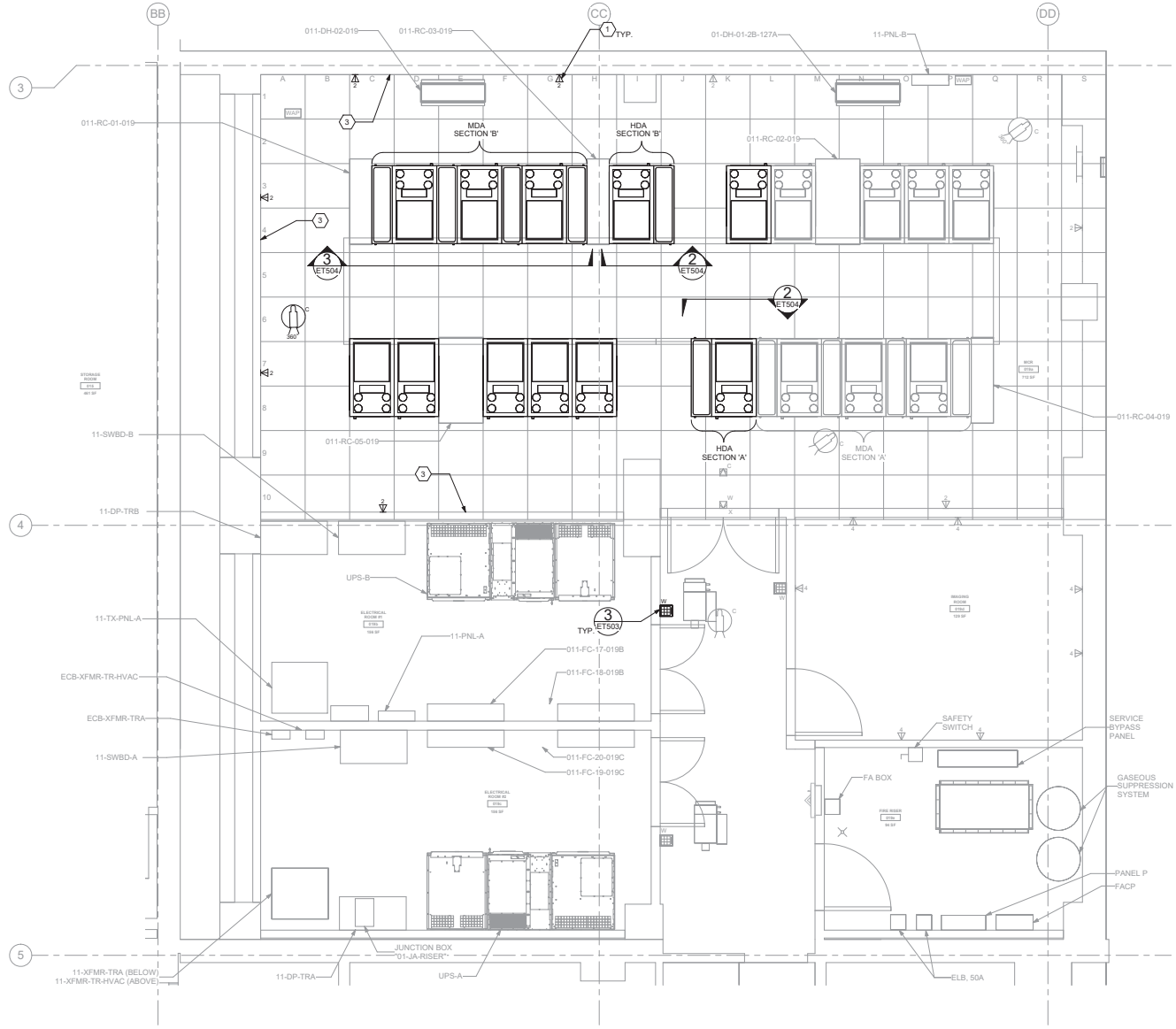

1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - TELECOMMUNICATIONS PLAN
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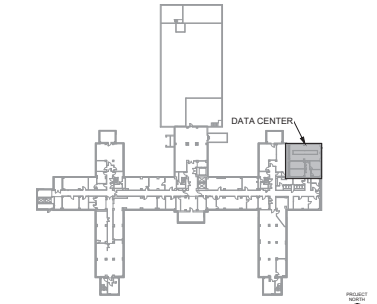
13. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

KEY NOTES

1. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN, IT WILL BE UTILIZED TO FEED NEW CABLING; REFERENCE SHEET DETAIL "1" ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.
3. PROVIDE ALPHA-NUMERIC FLOOR GRID IN ACCORDANCE WITH ANSI/TIA-606-C.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

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ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - TELECOMMUNICATIONS PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET400f
	277 of 339

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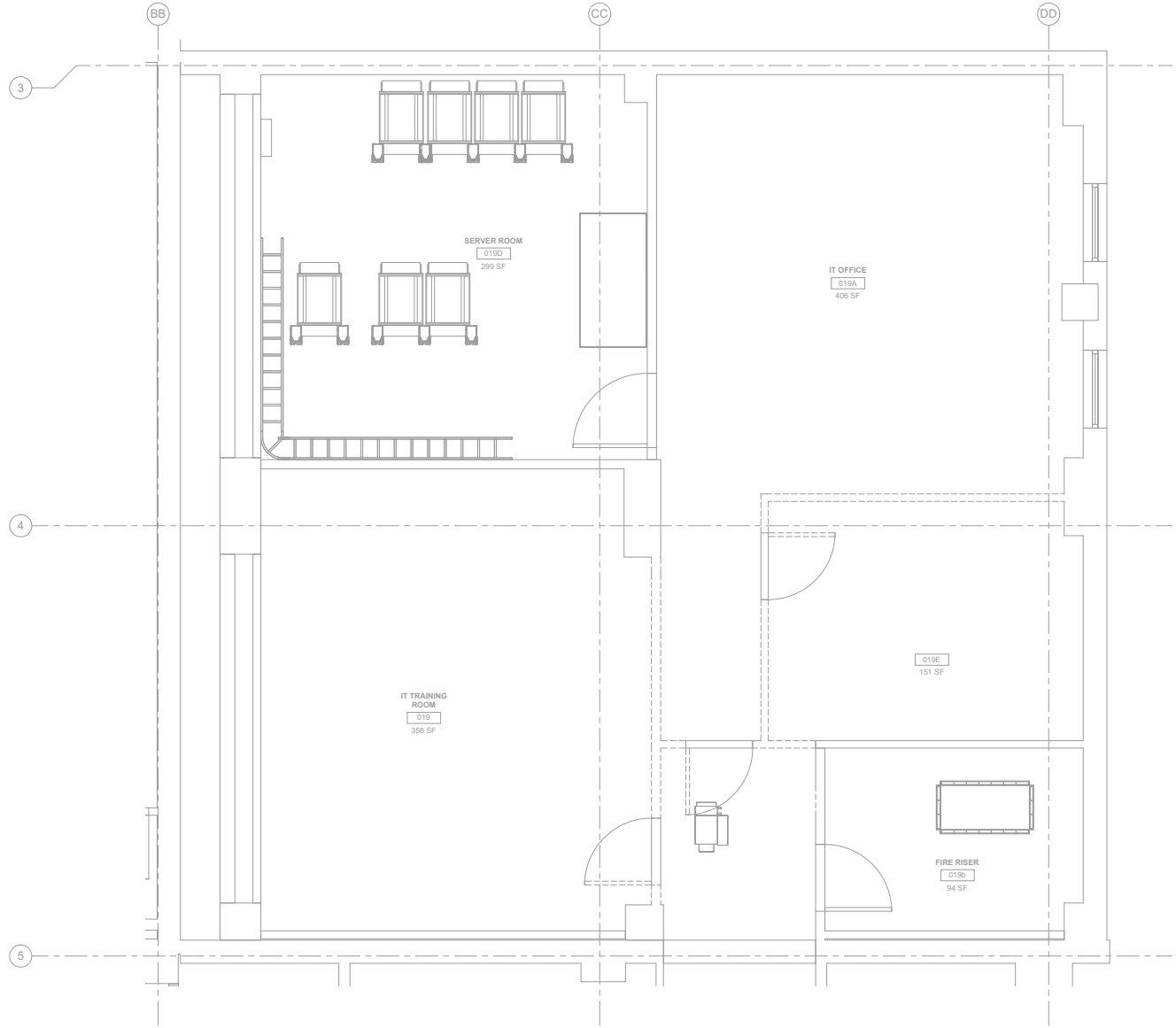

1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - DEMO OVERHEAD PLAN
11ET100 1/2" = 1'-0"

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3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
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7. WHERE NEW DATA OUTLETS ARE BEING PROVIDED AND EXISTING DATA OUTLET CURRENTLY DOES NOT EXIST, PROVIDE (1) 1" CONDUIT FROM NEW BACKBOX TO ACCESSIBLE CEILING SPACE TO SECURELY ROUTE DATA CABLING FROM OUTLET TO TR VIA CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND RACEWAY FROM OUTLET TO TR AS REQUIRED.
8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
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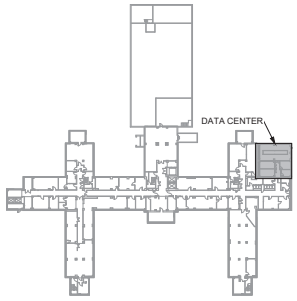
KEY NOTES

KEY PLAN



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Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - DEMO OVERHEAD PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: KG/SHM
Drawn: RTS/CNI
Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11ET400g
278 of 339

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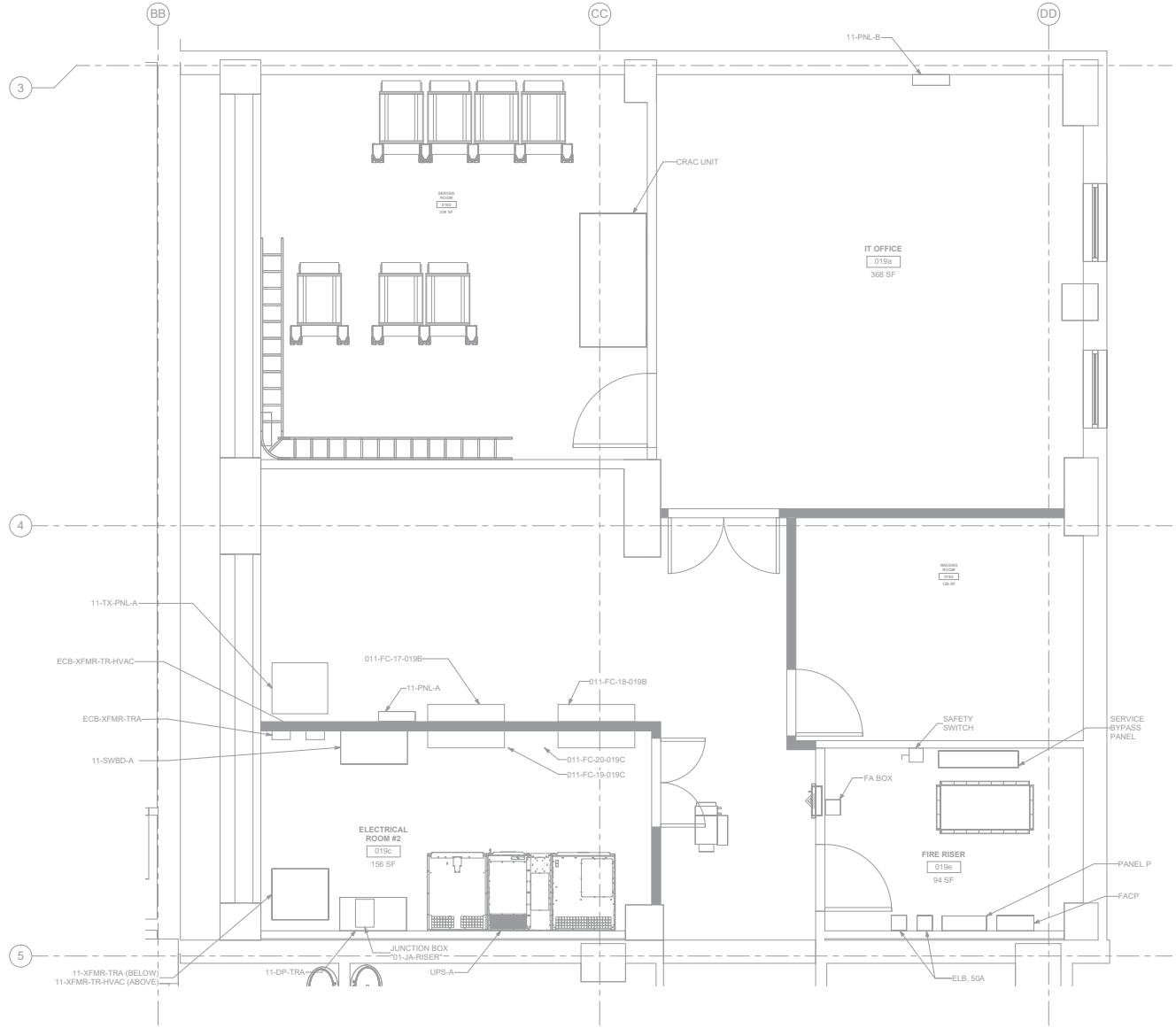

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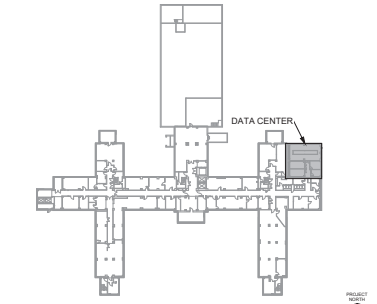

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 1 - DISTRIBUTION OVERHEAD PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/CNI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET400h

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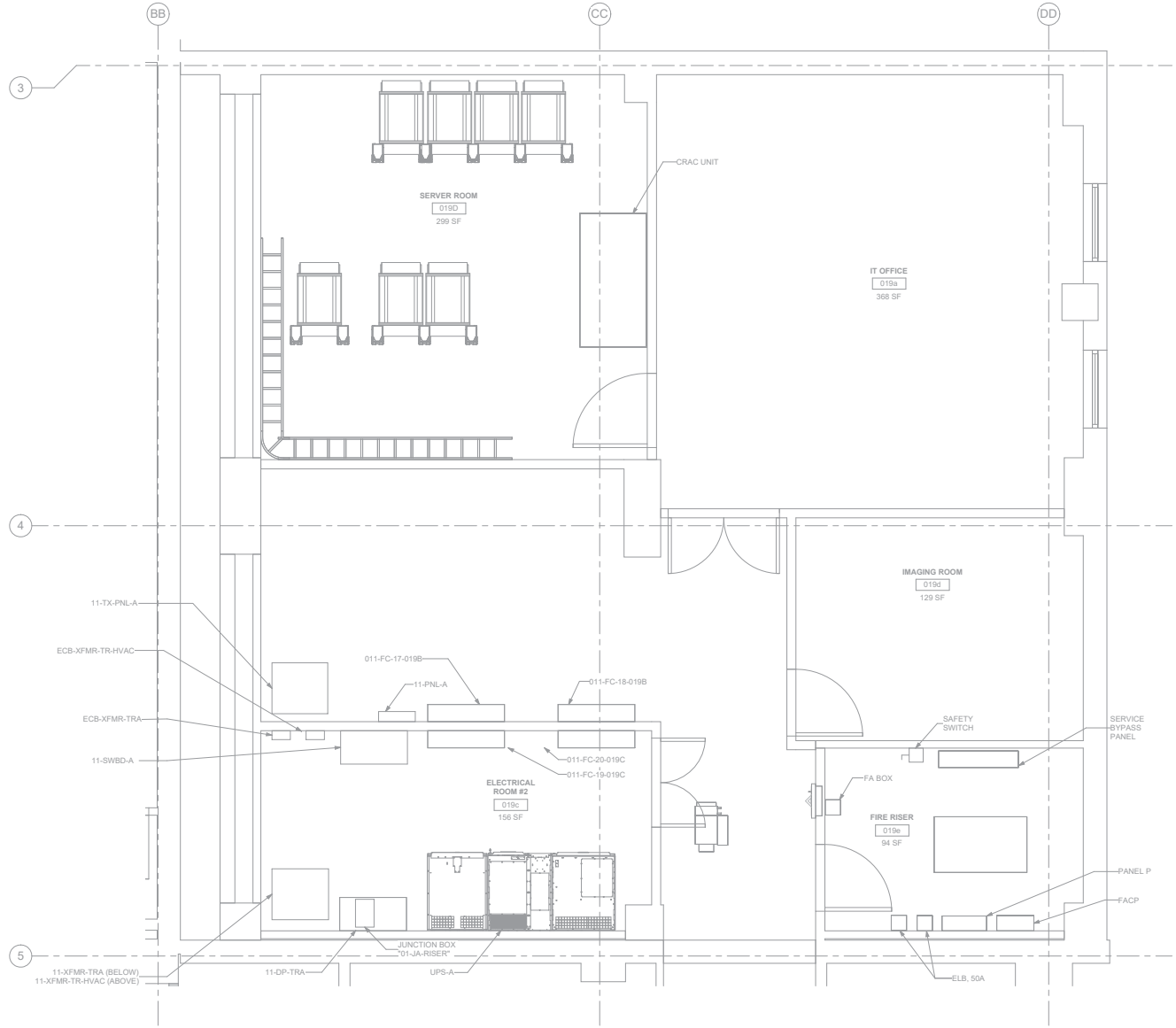

1 11ET100 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - DEMO OVERHEAD PLAN

1/2" = 1'-0"

PROJECT NORTH

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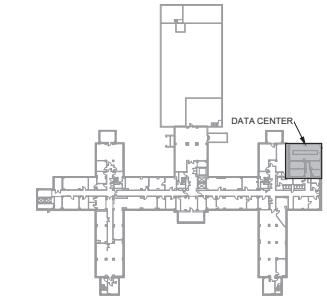
KEY NOTES

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - DEMO OVERHEAD PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET400i

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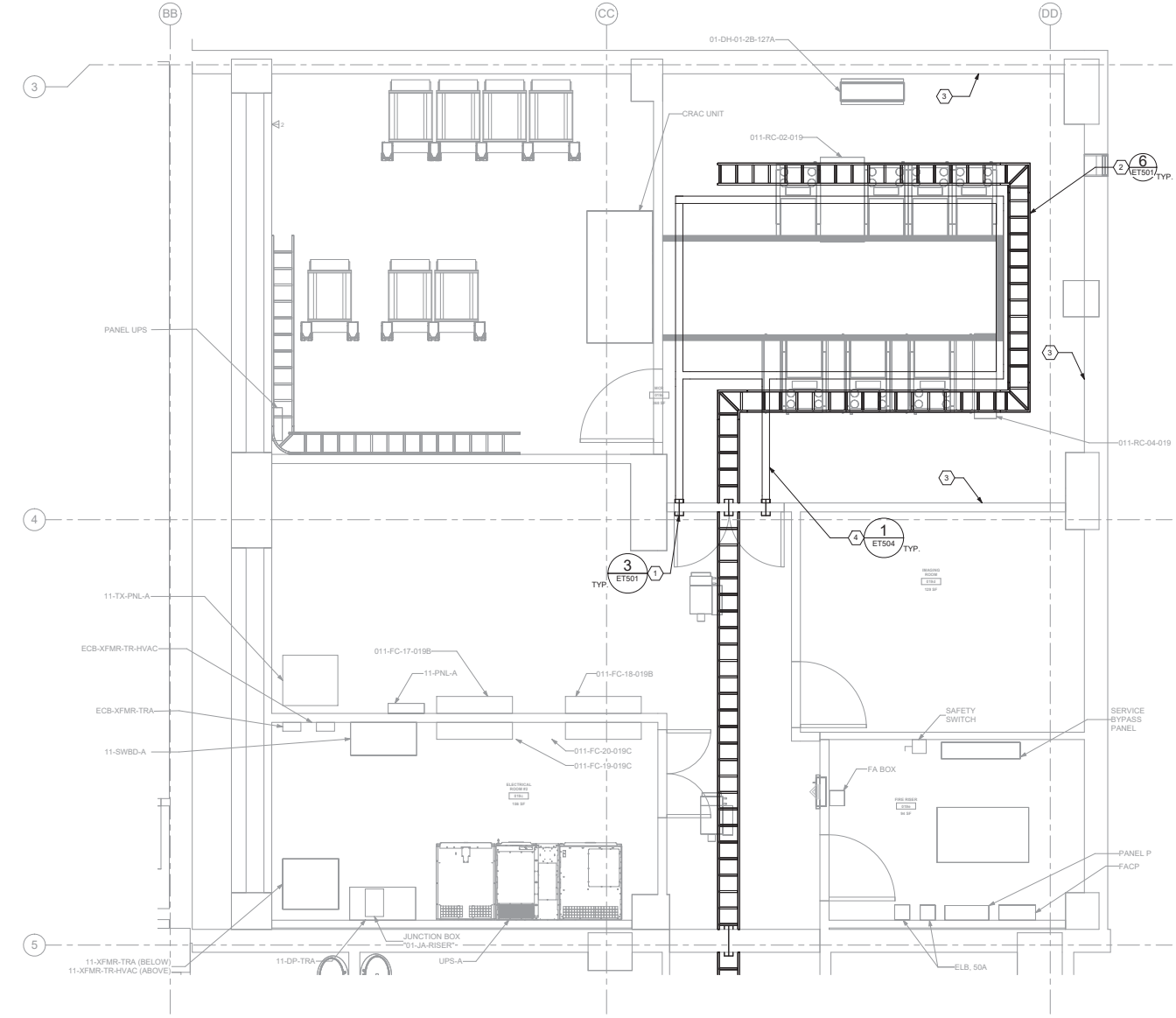

1 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 2 - DISTRIBUTION OVERHEAD PLAN
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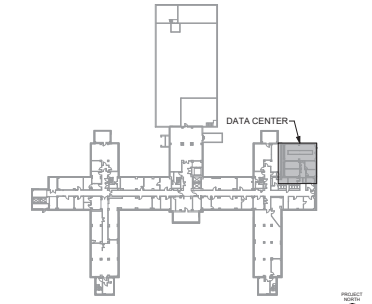
KEY NOTES

1. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
2. WIRE BASKET CABLE TRAY.
3. PROVIDE ALPHA-NUMERIC FLOOR GRID IN ACCORDANCE WITH ANSI/TIA-606-C.
4. FIBER OPTIC BACKBONE CABLE TRAY TO BE PLACED DIRECTLY ABOVE THE HORIZONTAL DISTRIBUTION CABLE TRAY. 4"X4" MINIMUM. INCREASE SIZE AS REQUIRED TO ENSURE 40% FILL RATIO FOR REDUNDANT A/B BACKBONE PATHWAYS.

KEY PLAN



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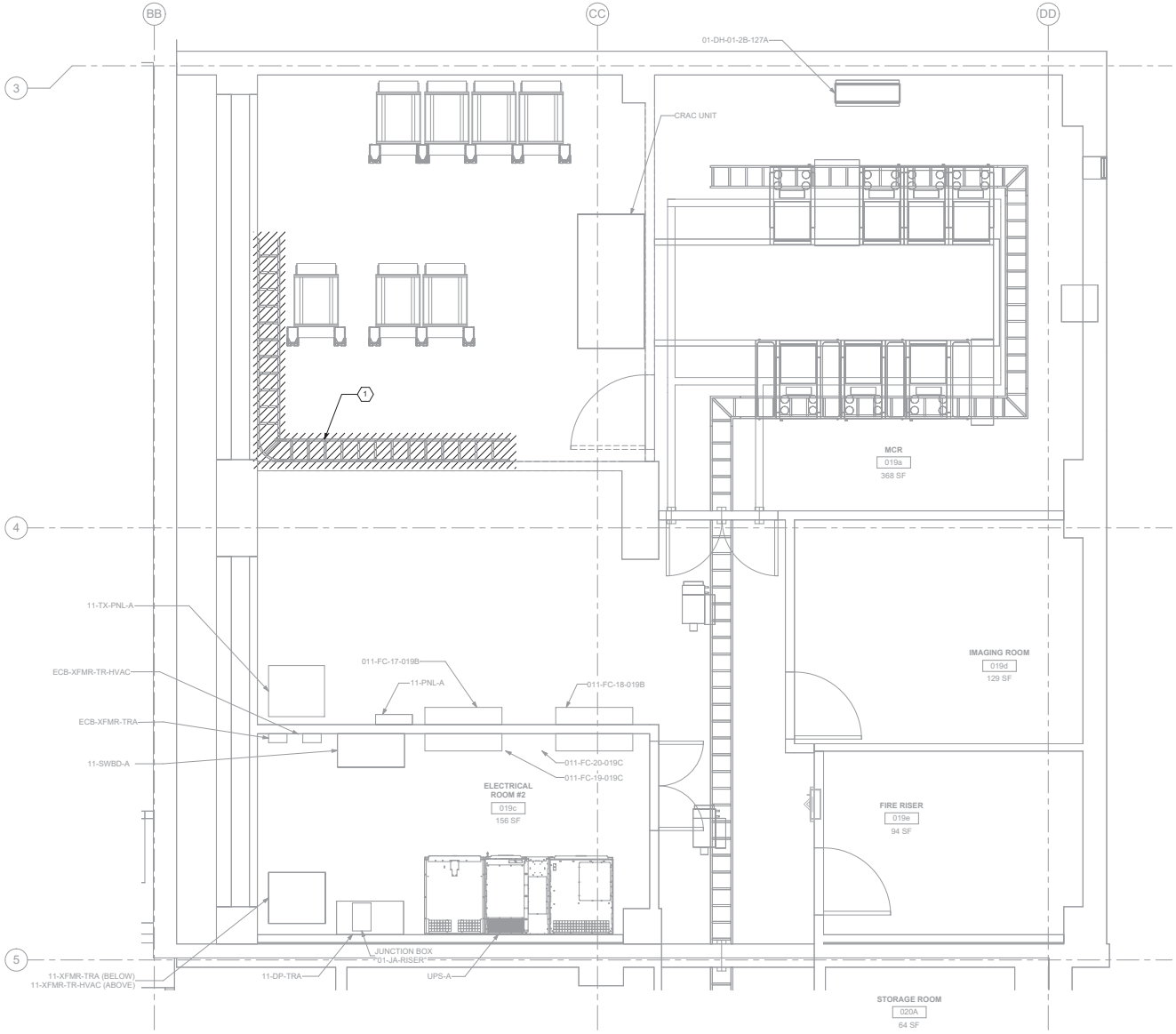
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt



1 11ET100 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - DEMO OVERHEAD PLAN

1/2" = 1'-0"

PROJECT NORTH

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING AS CONDUIT FILL ALLOWS. PROVIDE ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED.
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8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
9. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
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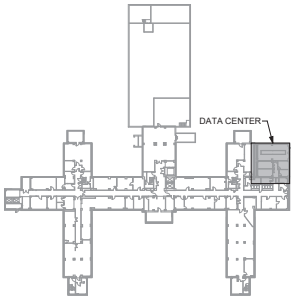
13. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.

KEY PLAN



AREA SHOWN

PROJECT NORTH

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - DEMO OVERHEAD PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET400k

282 of 339

VA FORM 08 - 6231

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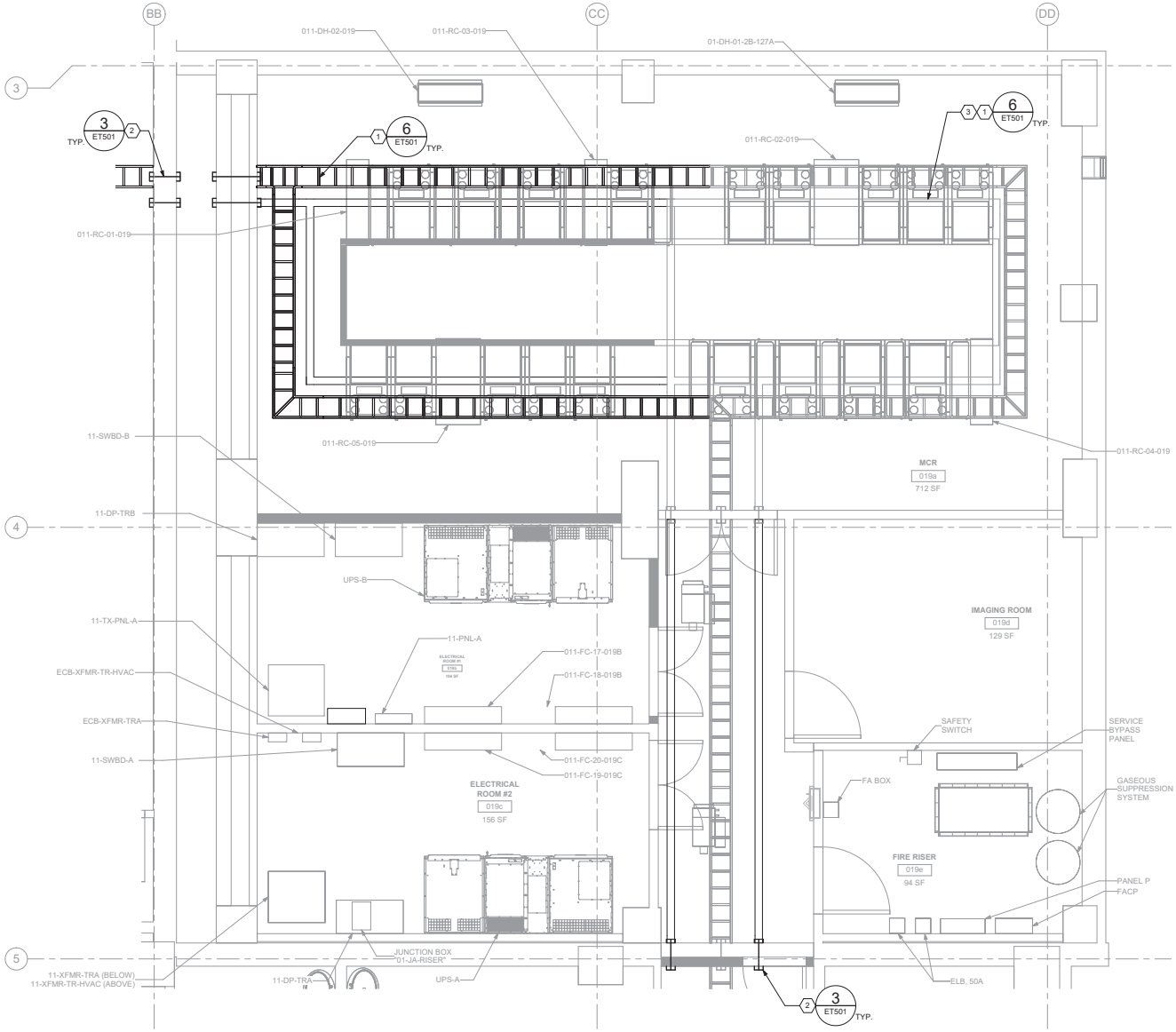
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt



1 / 11ET100 BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - DISTRIBUTION OVERHEAD PLAN

1/2" = 1'-0"

GENERAL NOTES

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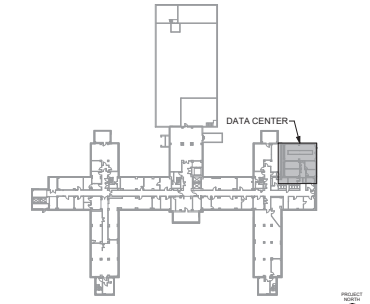
KEY NOTES

1. WIRE BASKET CABLE TRAY.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. REFERENCE THE MINIMUM REQUIRED FIRESTOP GANGPLATE ENTRANCES COLUMN ON SHEET ET701 FOR ADDITIONAL INFORMATION. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY ATLEAST 10-FT.
3. FIBER OPTIC BACKBONE CABLE TRAY TO BE PLACED DIRECTLY ABOVE THE HORIZONTAL DISTRIBUTION CABLE TRAY. 4"X4" MINIMUM. INCREASE SIZE AS REQUIRED TO ENSURE 40% FILL RATIO FOR REDUNDANT A/B BACKBONE PATHWAYS.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - DATA CENTER - PHASE 3 - DISTRIBUTION OVERHEAD PLAN
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
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Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET400I
	283 of 339

VA FORM 08 - 6231

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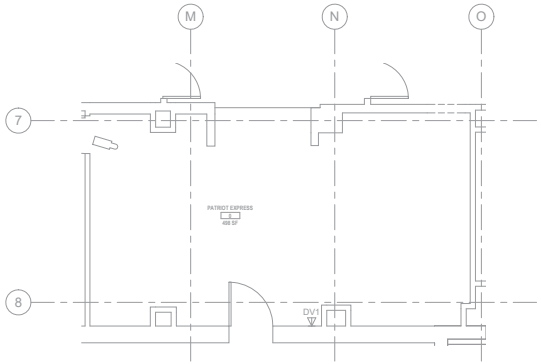
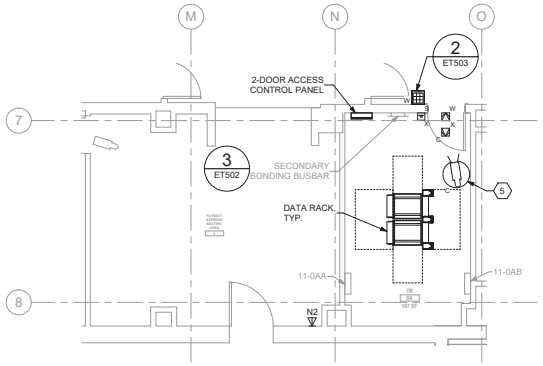
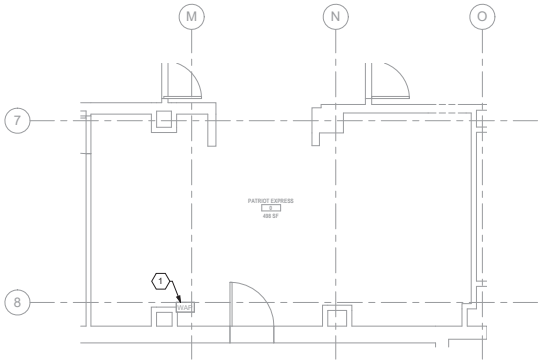


1 11ET100 RM 0 - DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 11ET100 RM 0A - TELECOMMUNICATIONS PLAN
1/4" = 1'-0"



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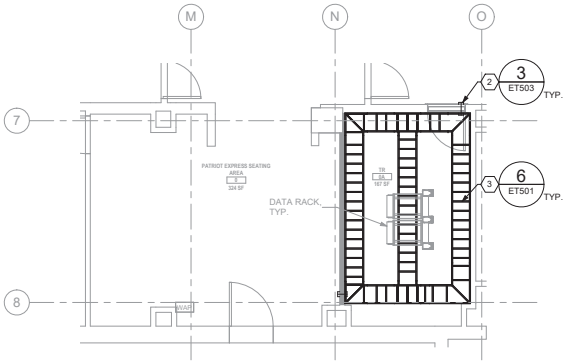

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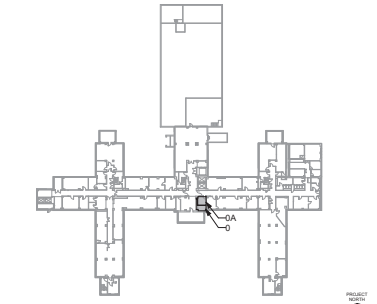
KEY NOTES

1. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
3. WIRE BASKET CABLE TRAY.
4. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.
5. PROVIDE (1) CAT6A CABLE FOR ADDED SECURITY CAMERA.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 00 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/CNI
Project Number	671A4-21-700
Building Number	11
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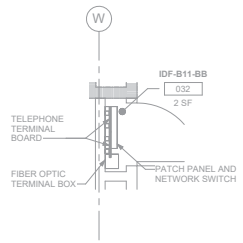
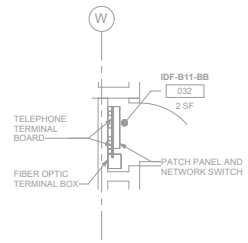


1 11ET100 RM 032 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



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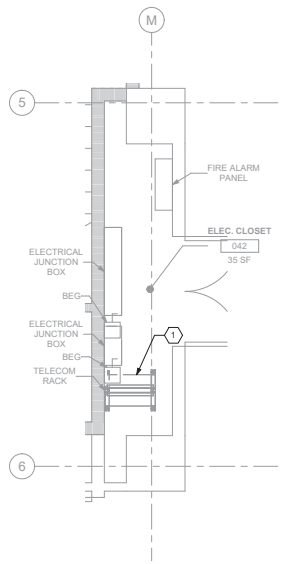
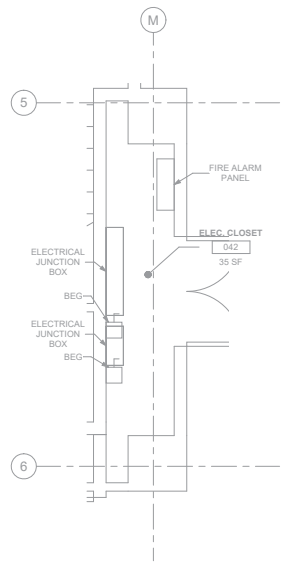


3 11ET100 RM 042 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



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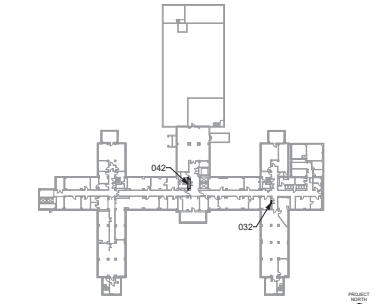
KEY PLAN



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Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET400n

VA FORM 08 - 6231 1 16/01/2026 5:19:55 am
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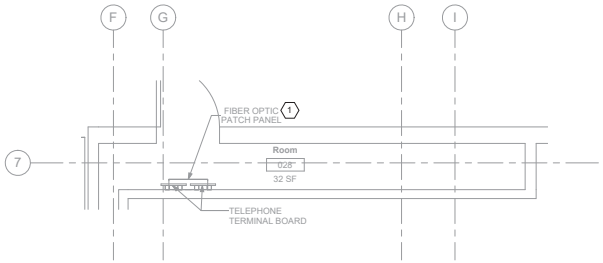
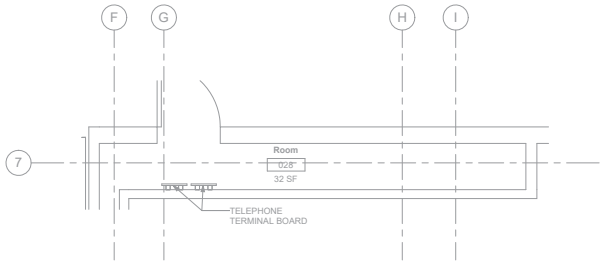
EHRM/VATX_11_EL_SDB.rvt



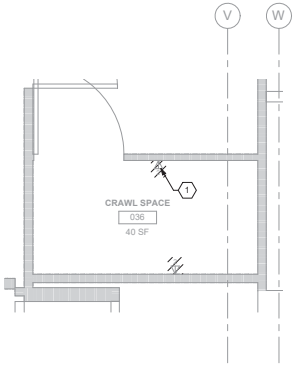
1 11ET100 RM 028 - DEMOLITION FLOOR PLAN

1/2" = 1'-0"



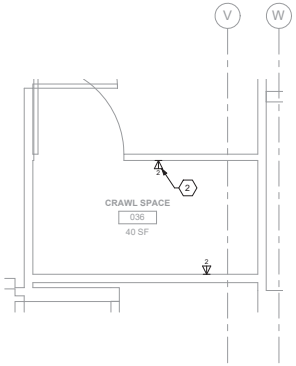
2 11ET100 RM 028 - TELECOMMUNICATIONS PLAN

1/2" = 1'-0"



3 11ET100 RM 036 - DEMOLITION FLOOR PLAN

1/2" = 1'-0"



4 11ET100 RM 036 - TELECOMMUNICATIONS PLAN

1/2" = 1'-0"

GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
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8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
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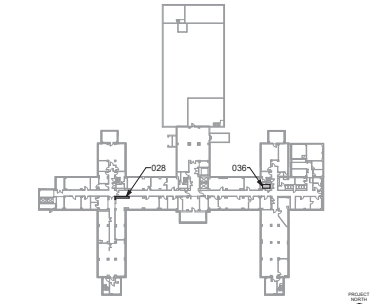
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE TELECOMMUNICATION OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATION OUTLET; EXISTING REFERENCE SHEET DETAIL "1" ON SHEET ET501 AND GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDIANTE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

BICSI RCDD Expires 12-31-27

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 00 - ENLARGED TELECOMMUNICATIONS PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: KG/SHM | Drawn: RTS/CNI

Project Number: 671A4-21-700

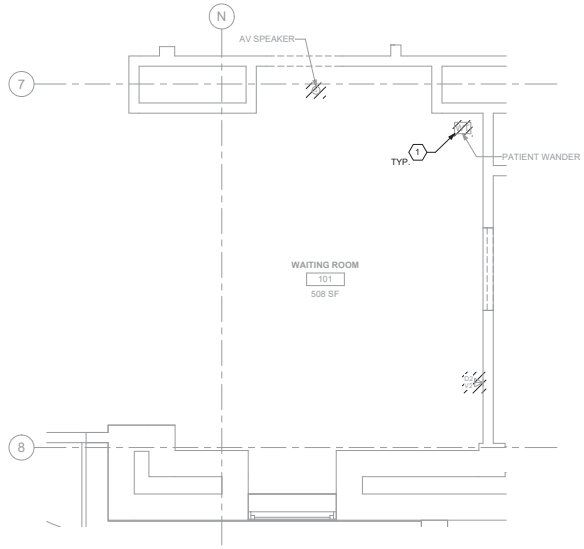
Building Number: 11

Drawing Number: 11ET400o

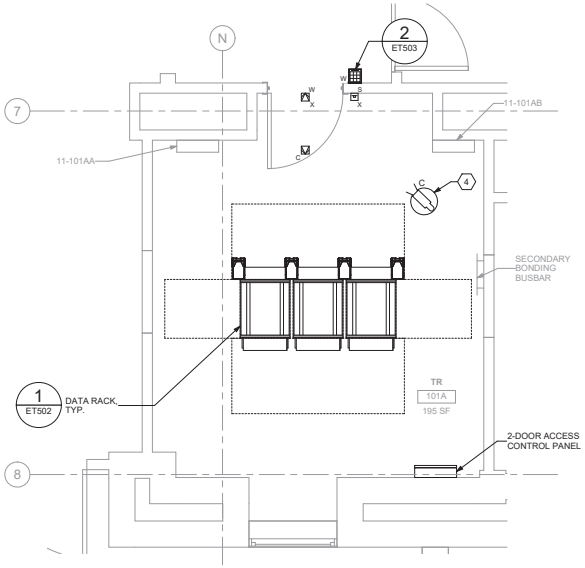
VA FORM 08 - 6231

1 16/01/2026 5:19:58 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt



1 11ET101 RM 101A - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 11ET101 RM 101A - TELECOMMUNICATIONS PLAN
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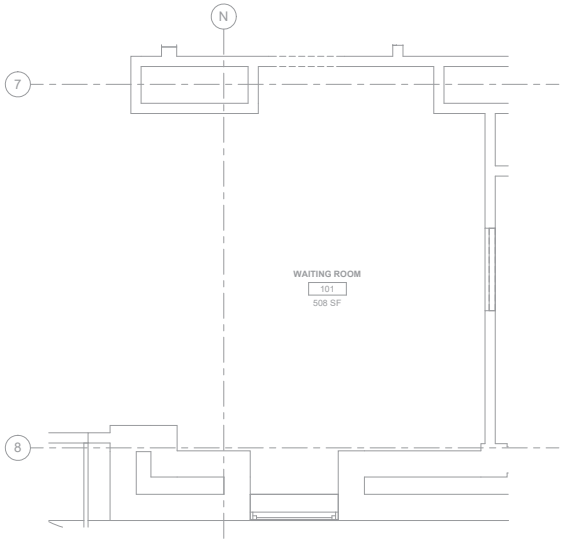
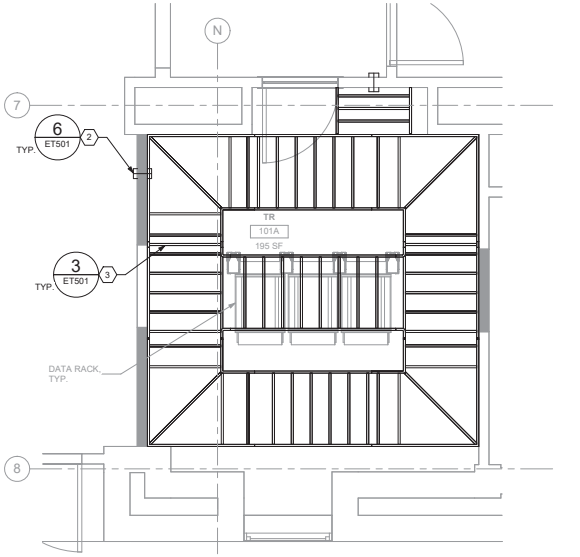


3 11ET101 RM 101A - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



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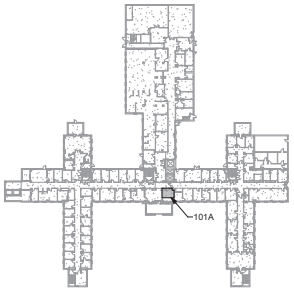
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPERATED BY AT LEAST 10-FT.
3. WIRE BASKET CABLE TRAY.
4. PROVIDE (1) CAT6A CABLE FOR ADDED SECURITY CAMERA.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
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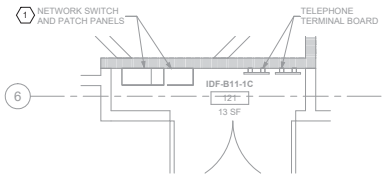
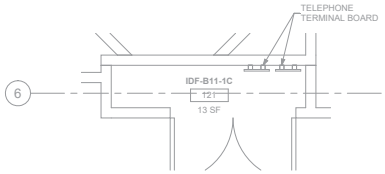


1 11ET101 RM 121 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 11ET101 RM 121 - TELECOMMUNICATIONS PLAN
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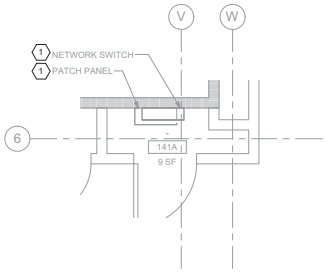
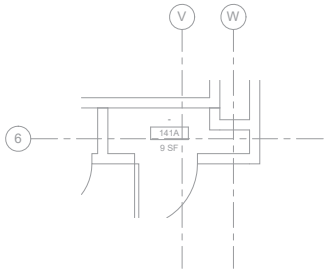


3 11ET101 RM 141A - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



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KEY NOTES

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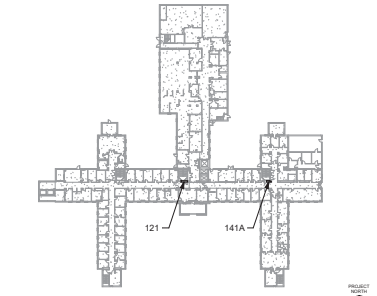
KEY PLAN



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CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

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288 of 339

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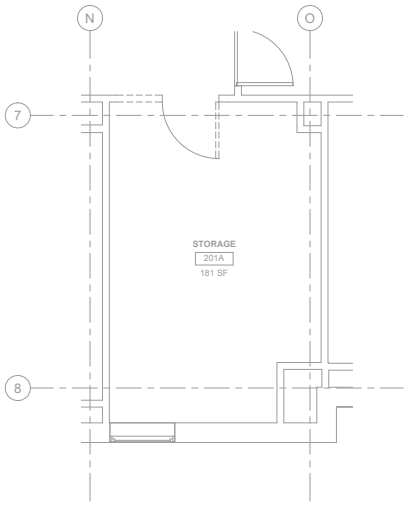
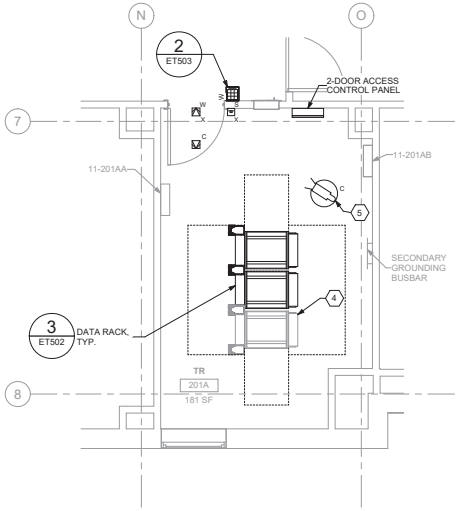


1 11ET102 RM 201A - DEMOLITION FLOOR PLAN
3/8" = 1'-0"



2 11ET102 RM 201A - TELECOMMUNICATIONS PLAN
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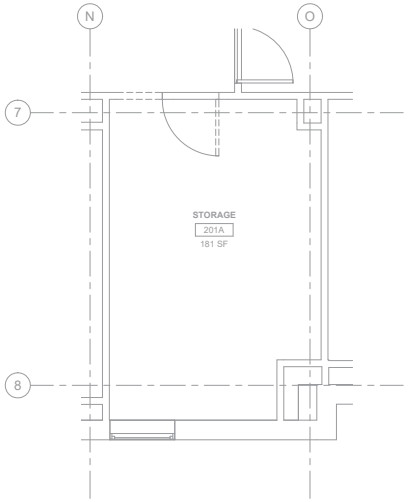

3 11ET102 RM 201A - DEMOLITION OVERHEAD PLAN
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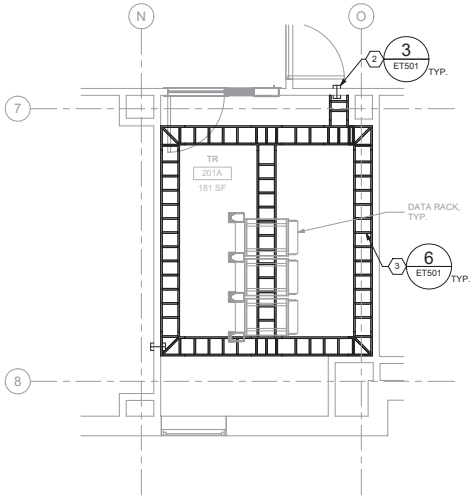

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6. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
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8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
9. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
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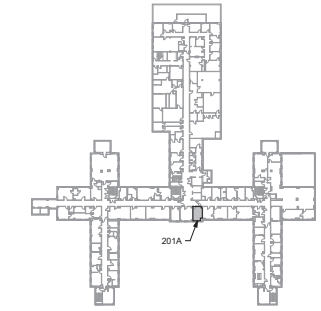
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPERATED BY AT LEAST 10-FT.
3. WIRE BASKET CABLE TRAY.
4. RACK NOT IN CONTRACT.
5. PROVIDE (1) CAT6A CABLE FOR ADDED SECURITY CAMERA.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET402a

VA FORM 08 - 6231 1 16/01/2026 5:20:06 am
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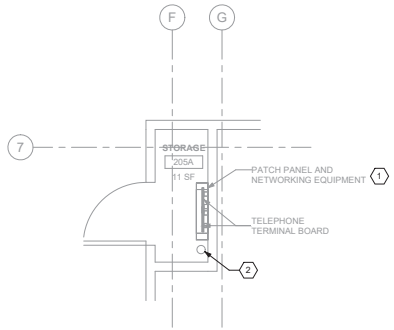
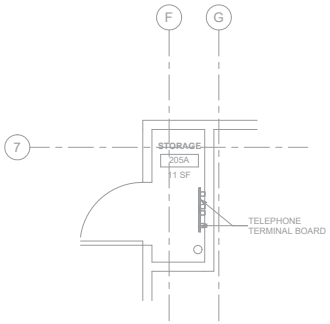
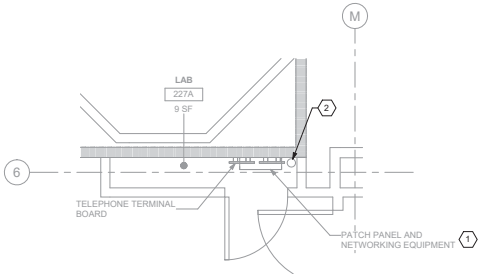


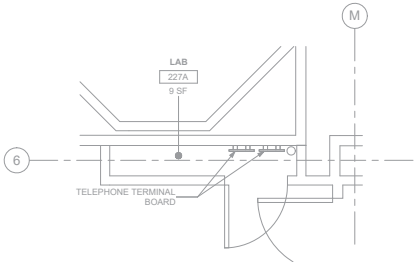
1 11ET102 RM 205A - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 11ET102 RM 205A - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 11ET102 RM 227A - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



4 11ET102 RM 227A - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"

GENERAL NOTES

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2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
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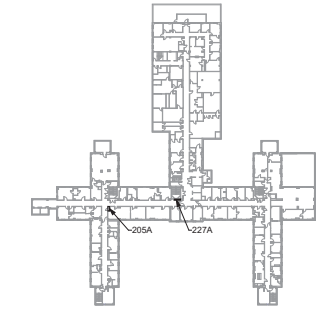
KEY NOTES

1. EXISTING EQUIPMENT TO BE SALVAGED AND RETURNED TO VA. ASSOCIATED CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. EXISTING VERTICAL CABLING SLEEVES TO BE PRESERVED. EXISTING FIBER OPTIC AND/OR EXISTING VERTICAL CABLING RELATED TO EXISTING TR RACKS TO BE DEMOLISHED.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: KG/SHM | Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 11

Drawing Number: 11ET402b

VA FORM 08 - 6231

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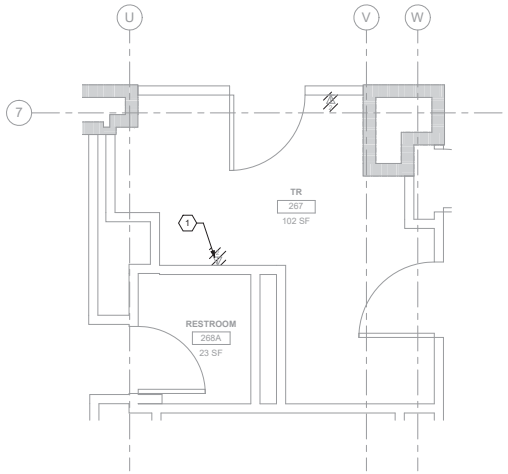
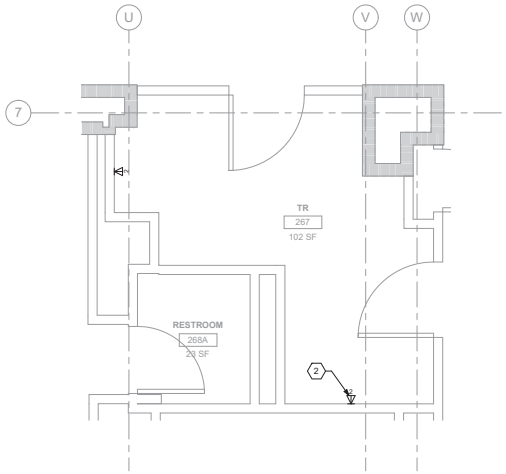
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt



1 11ET102 RM 267 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 11ET102 RM 267 - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"

GENERAL NOTES

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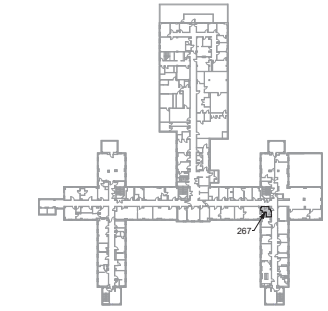
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE TELECOMMUNICATION OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATION OUTLET; EXISTING REFERENCE SHEET DETAIL "1" ON SHEET ET501 AND GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION, COORDIANTE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET402c

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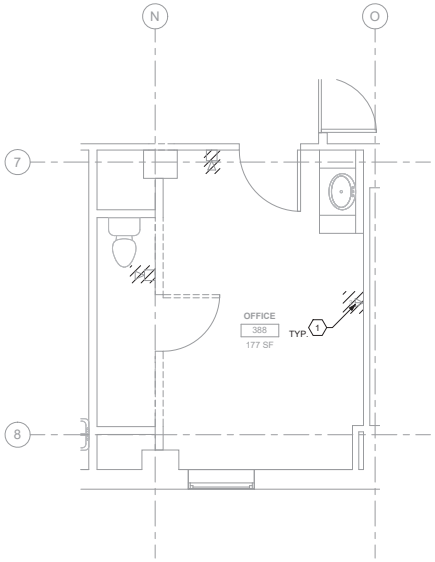
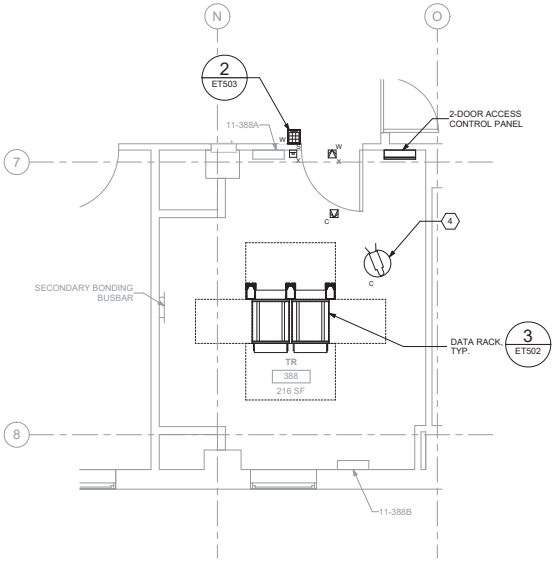
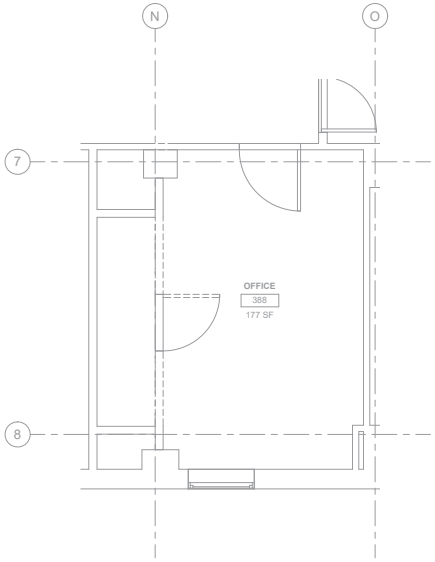
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt



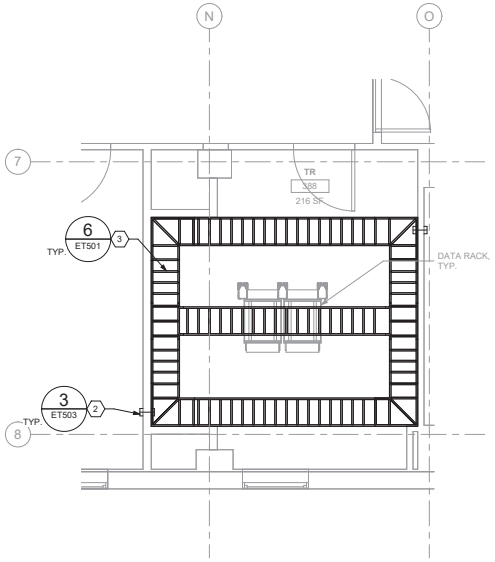
1 11ET103 RM 388 - DEMOLITION FLOOR PLAN
3/8" = 1'-0"



2 11ET103 RM 388 - TELECOMMUNICATIONS PLAN
3/8" = 1'-0"



3 11ET103 RM 388 - DEMOLITION OVERHEAD PLAN
3/8" = 1'-0"



4 11ET103 RM 388 - OVERHEAD PLAN
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4. PROVIDE (1) CAT6A CABLE FOR ADDED SECURITY CAMERA.

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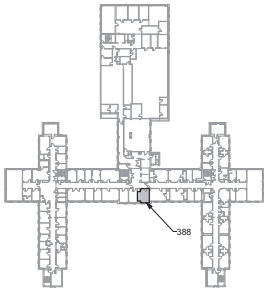

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Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 03 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET403a
	292 of 339

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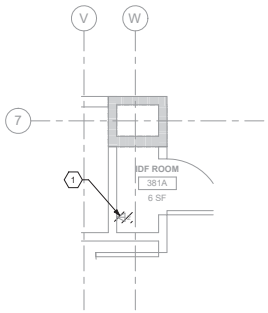
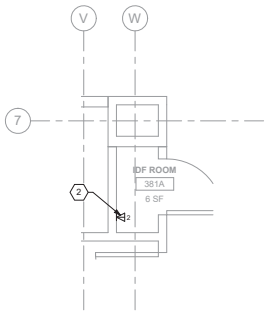
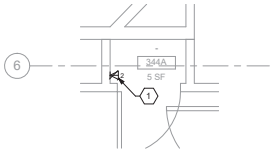


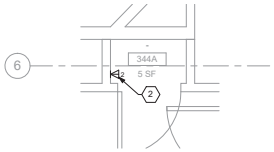
1 11ET103 RM 381A - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 11ET103 RM 381A - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 11ET103 RM 344A - DEMOLITION FLO0R PLAN
1/2" = 1'-0"



4 11ET103 RM 344A - TELECOMMUNICATION PLANS
1/2" = 1'-0"

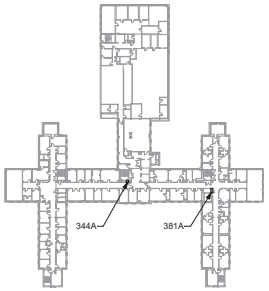
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING AS CONDUIT FILL ALLOWS. PROVIDE ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED.
6. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
7. WHERE NEW DATA OUTLETS ARE BEING PROVIDED AND EXISTING DATA OUTLET CURRENTLY DOES NOT EXIST, PROVIDE (1) 1" CONDUIT FROM NEW BACKBOX TO ACCESSIBLE CEILING SPACE TO SECURELY ROUTE DATA CABLING FROM OUTLET TO TR VIA CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND RACEWAY FROM OUTLET TO TR AS REQUIRED.
8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
9. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
10. WAOs AND DEVICE LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES BASED ON AS-BUILT DRAWINGS.
11. ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
12. ALL TELECOMMUNICATION ROOMS SHALL BE PROVIDED WITH FIRE-RATED PLYWOOD BACKBOARDS. REFERENCE EXACT PLACEMENTS WITH ARCHITECTURE DRAWINGS AS REQUIRED.
13. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE TELECOMMUNICATION OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATION OUTLET; EXISTING REFERENCE SHEET DETAIL "1" ON SHEET ET501 AND GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION, COORDIANTE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 03 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET403b

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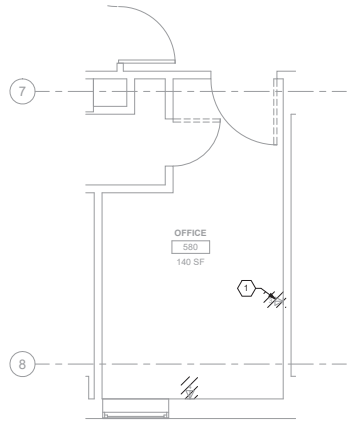
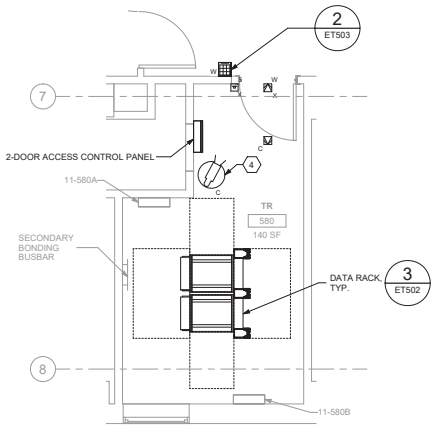
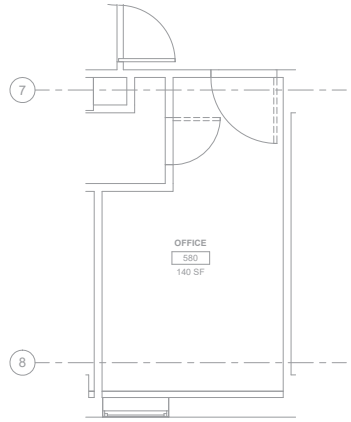
EHRM/VATX_11_EL_SDB.rvt



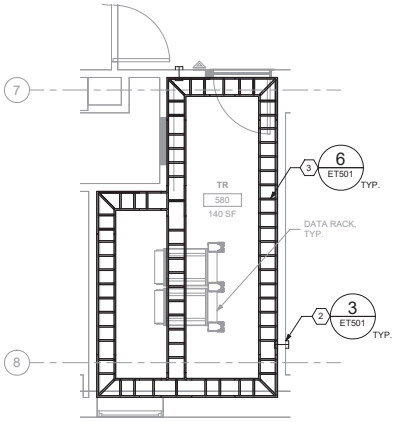
1 11ET105 RM 580 - DEMOLITION FLOOR PLAN
3/8" = 1'-0"



2 11ET105 RM 580 - TELECOMMUNICATIONS PLAN
3/8" = 1'-0"



3 11ET105 RM 580 - DEMOLITION OVERHEAD PLAN
3/8" = 1'-0"



4 11ET105 RM 580 - OVERHEAD PLAN
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5. TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING AS CONDUIT FILL ALLOWS. PROVIDE ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED.
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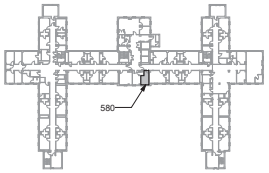
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CONDUIT AND WIRE SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPERATED BY AT LEAST 10-FT.
3. WIRE BASKET CABLE TRAY.
4. PROVIDE (1) CAT6A CABLE FOR ADDED SECURITY CAMERA.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 05 - ENLARGED TELECOMMUNICATIONS PLANS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: 11ET405a
		Issue Date: 11/21/2025 · Checked: KG/SHM · Drawn: RTS/CNI	294 of 339

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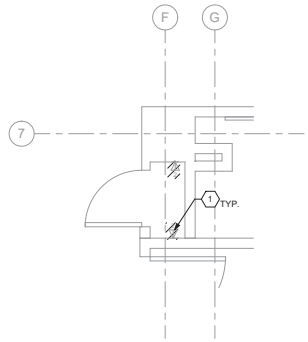
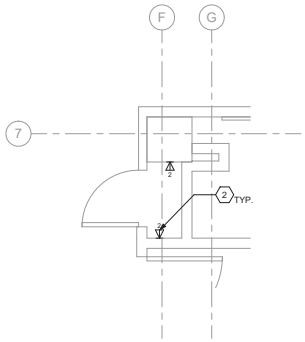
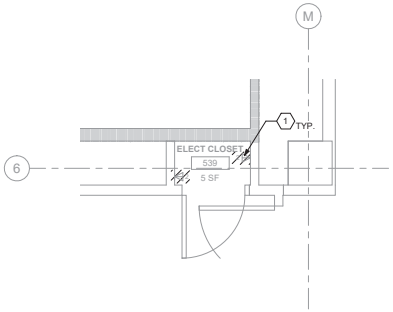


1 11ET105 RM XX - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 11ET105 RM XX - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



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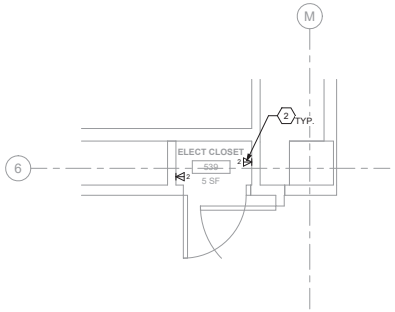
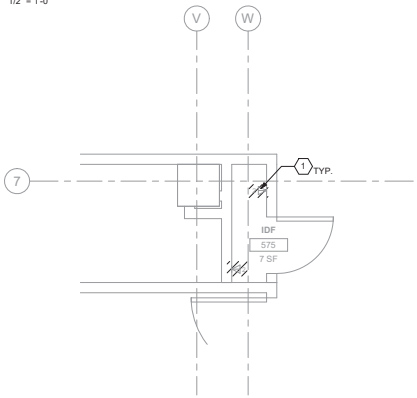


4 11ET105 RM 539 - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



5 11ET105 RM 575 - DEMOLITION FLOOR PLAN
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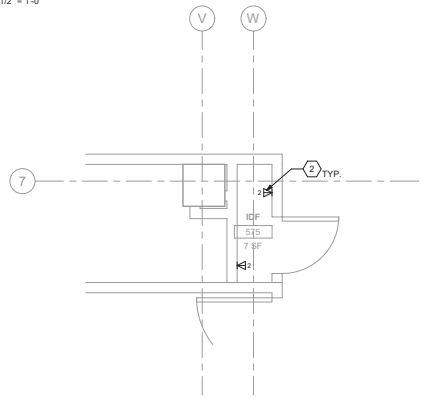

6 11ET105 RM 575 - TELECOMMUNICATIONS PLAN
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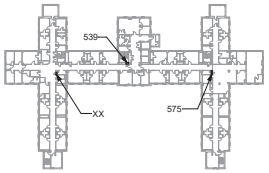
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE TELECOMMUNICATION OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATION OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE SHEET DETAIL "1" ON SHEET ET501 AND GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION, COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 05 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/CNI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET405b

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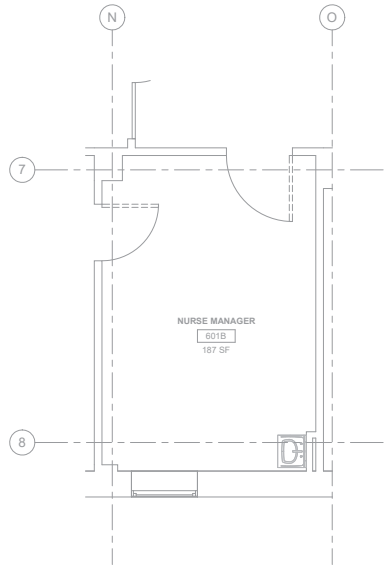

1 11ET106 RM 601B - DEMOLITION FLOOR PLAN
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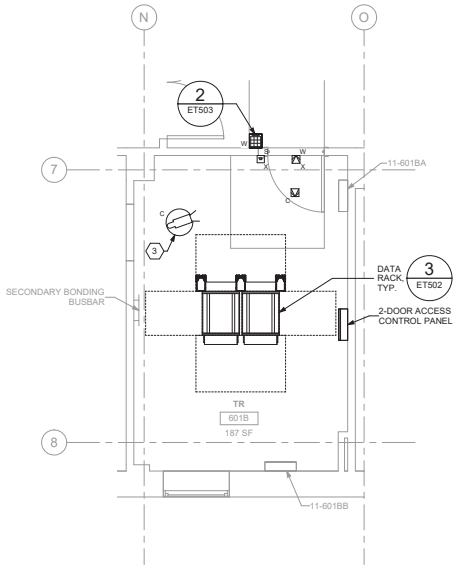

2 11ET106 RM 601B - TELECOMMUNICATIONS PLAN
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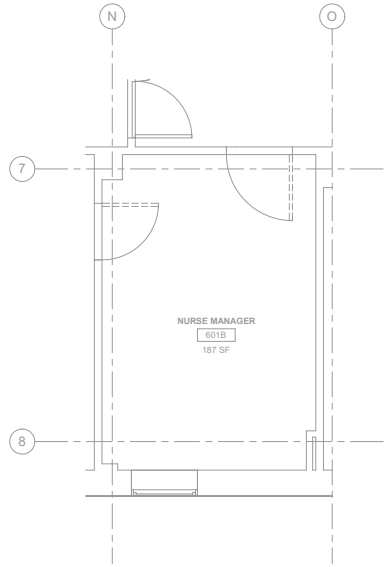

3 11ET106 RM 601B - DEMOLITION OVERHEAD PLAN
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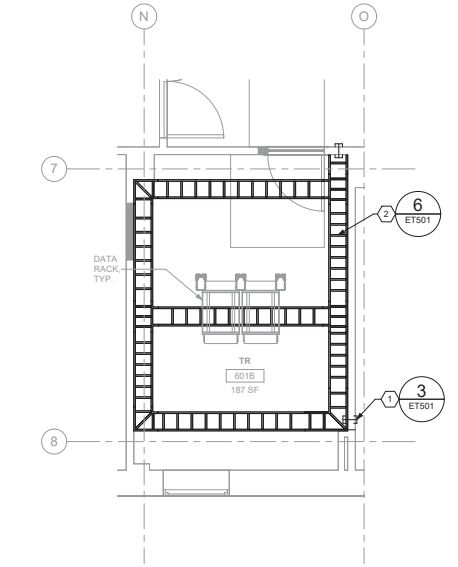

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2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING AS CONDUIT FILL ALLOWS. PROVIDE ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED.
6. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
7. WHERE NEW DATA OUTLETS ARE BEING PROVIDED AND EXISTING DATA OUTLET CURRENTLY DOES NOT EXIST, PROVIDE (1) 1" CONDUIT FROM NEW BACKBOX TO ACCESSIBLE CEILING SPACE TO SECURELY ROUTE DATA CABLING FROM OUTLET TO TR VIA CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND RACEWAY FROM OUTLET TO TR AS REQUIRED.
8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
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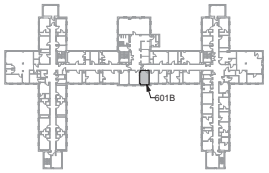
KEY NOTES

1. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
2. WIRE BASKET CABLE TRAY.
3. PROVIDE (1) CAT6A CABLE FOR ADDED SECURITY CAMERA.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 06 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/CNI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET406a

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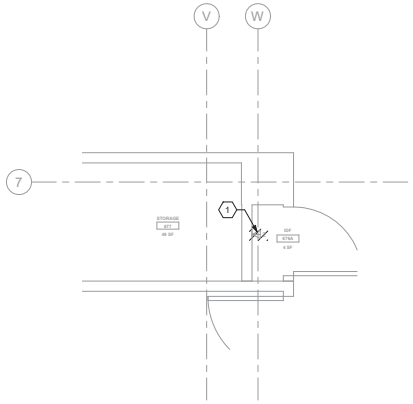
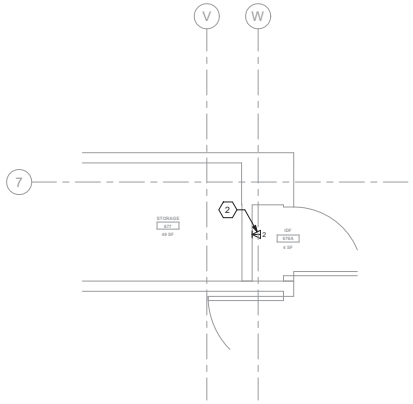
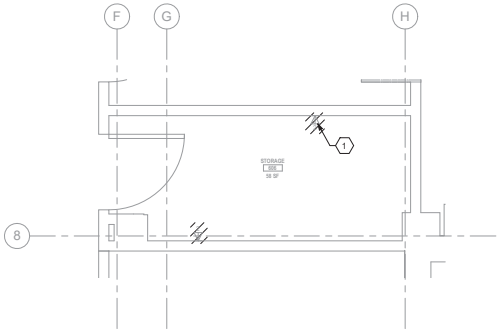


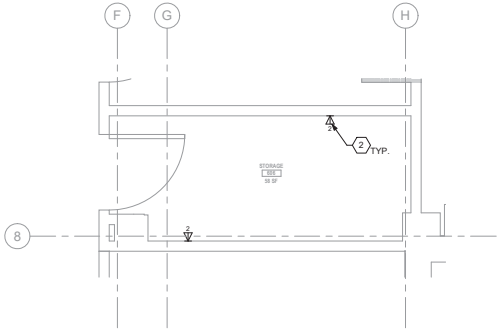
1 11ET106 RM 676A - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 11ET106 RM 676A - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 11ET106 RM 606 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



4 11ET106 RM 606 - TELECOMMUNICATIONS PLAN
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GENERAL NOTES

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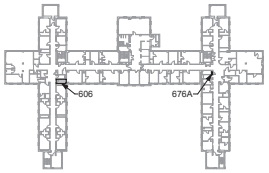
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE TELECOMMUNICATION OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATION OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE SHEET DETAIL "1" ON SHEET ET501 AND GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION, COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 06 - ENLARGED TELECOMMUNICATIONS PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: KG/SHM | Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: 11

Drawing Number: 11ET406b

297 of 339

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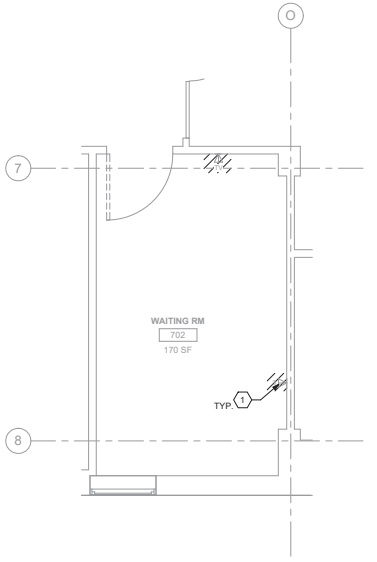
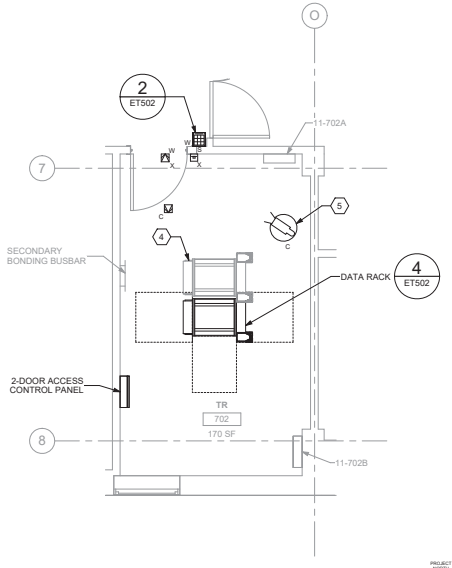
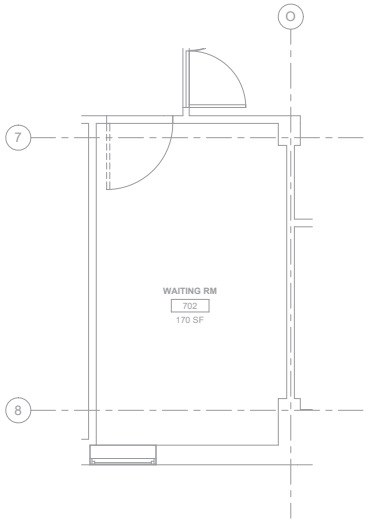


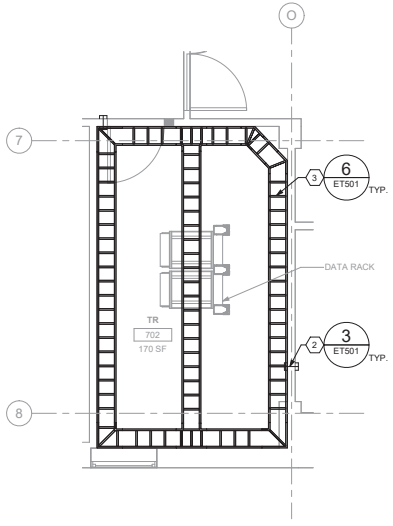
1 11ET107 RM 702 - DEMOLITION FLOOR PLAN
3/8" = 1'-0"



2 11ET107 RM 702 - TELECOMMUNICATIONS PLAN
3/8" = 1'-0"



3 11ET107 RM 702 - DEMOLITION OVERHEAD PLAN
3/8" = 1'-0"



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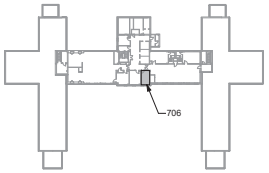
3. WIRE BASKET CABLE TRAY.
4. RACK NOT IN CONTRACT.
5. PROVIDE (1) CAT6A CABLE FOR ADDED SECURITY CAMERA.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 11 - LEVEL 07 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	11
Drawing Number	11ET407a

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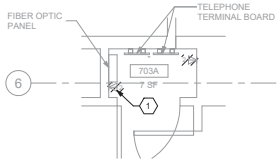
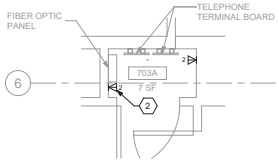
EHRM/VATX_11_EL_SDB.rvt



1 11ET107 RM 703A - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 11ET107 RM 703A - TELECOMMUNICATIONS PLANS
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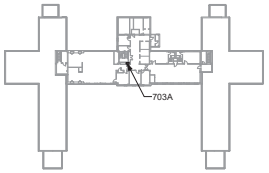

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Revisions:	Date:

CONSULTANT/ DISCIPLINE

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SPEES DESIGN BUILD
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KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 11 - LEVEL 07 - ENLARGED TELECOMMUNICATIONS PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: KG/SHM | Drawn: RTS/ONI

Project Number: 671A4-21-700

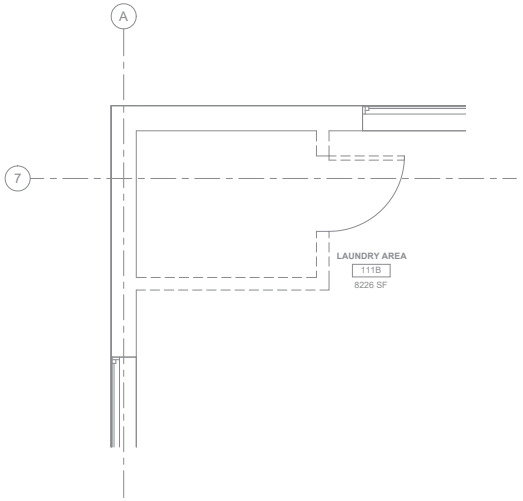
Building Number: 11

Drawing Number: 11ET407b

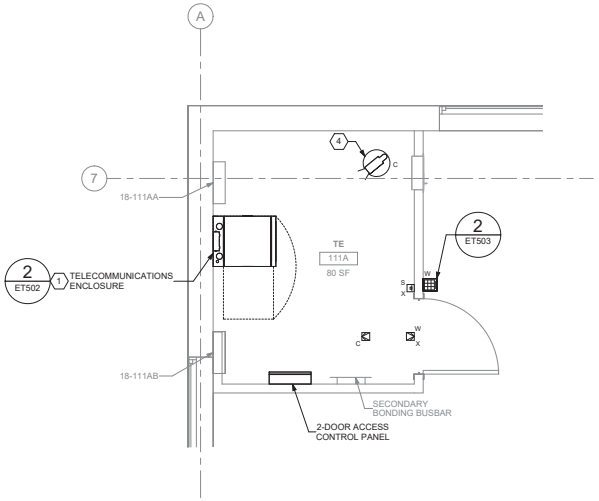
VA FORM 08 - 6231

1 16/01/2026 5:20:28 am

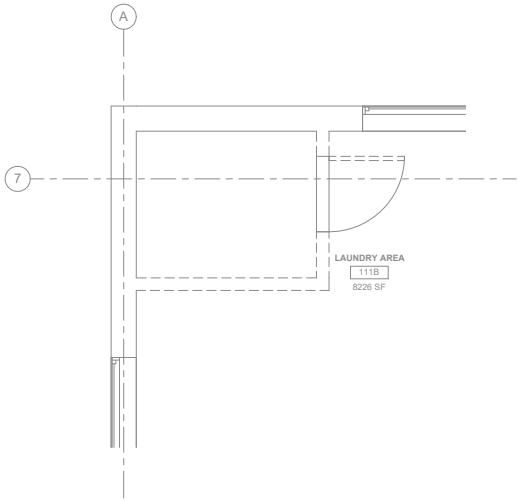
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_11_EL_SDB.rvt



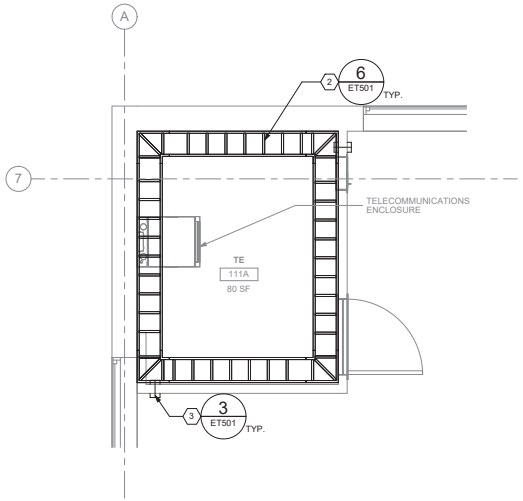
1 18ET101 RM 111 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 18ET101 RM 111A - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 18ET101 RM 111 - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



4 18ET101 RM 111A - OVERHEAD PLAN
1/2" = 1'-0"

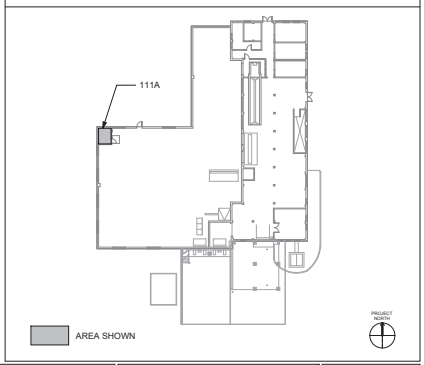
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING AS CONDUIT FILL ALLOWS. PROVIDE ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED.
6. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
7. WHERE NEW DATA OUTLETS ARE BEING PROVIDED AND EXISTING DATA OUTLET CURRENTLY DOES NOT EXIST, PROVIDE (1) 1" CONDUIT FROM NEW BACKBOX TO ACCESSIBLE CEILING SPACE TO SECURELY ROUTE DATA CABLING FROM OUTLET TO TR VIA CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND RACEWAY FROM OUTLET TO TR AS REQUIRED.
8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
9. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
10. WAOs AND DEVICE LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES BASED ON AS-BUILT DRAWINGS.
11. ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
12. ALL TELECOMMUNICATION ROOMS SHALL BE PROVIDED WITH FIRE-RATED PLYWOOD BACKBOARDS. REFERENCE EXACT PLACEMENTS WITH ARCHITECTURE DRAWINGS AS REQUIRED.
13. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

KEY NOTES

1. EQUIPMENT SWINGS AWAY FROM WALL ON HINGE TO ALLOW BACK-DOOR ACCESS.
2. WIRE BASKET CABLE TRAY.
3. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE "A" AND SIDE "B" SLEEVES SHALL BE SEPARATED BY AT LEAST 10FT.
4. PROVIDE (1) CAT6A CABLE FOR ADDED SECURITY CAMERA.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 18 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	18
Drawing Number	18ET401a

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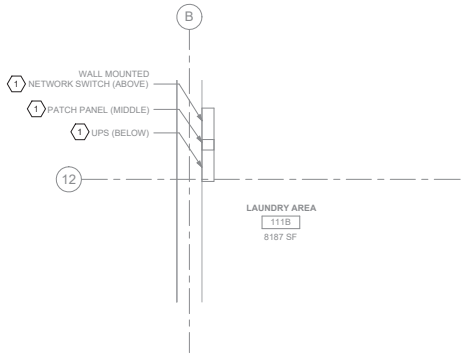
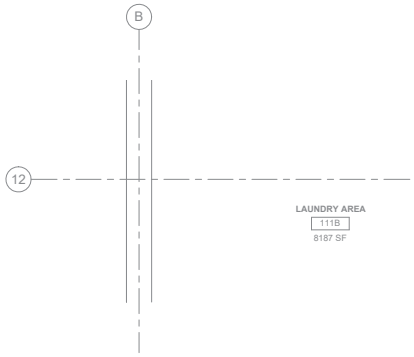
EHRM/VATX_18_EL_SDB.rvt



1 / 18ET101 RM 111- DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 / 18ET101 RM 111 - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"

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8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
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KEY NOTES

1. EXISTING EQUIPMENT TO BE SALVAGED AND RETURNED TO VA. ASSOCIATED CABLING SHALL BE DEMOLISHED BACK TO SOURCE.

KEY PLAN

Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP
BICSI RCDD

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BLDG 18 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
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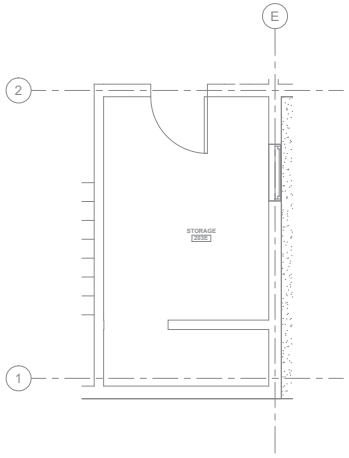
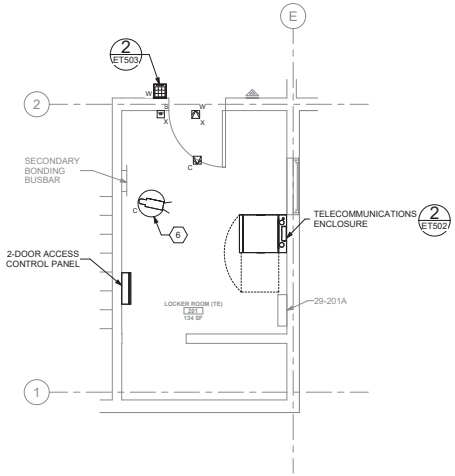


1 29ET102 RM 201 - DEMOLITION FLOOR PLAN
3/8" = 1'-0"



2 29ET102 RM 201 - TELECOMMUNICATIONS PLAN
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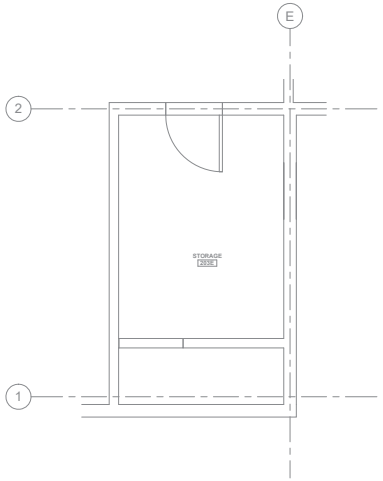
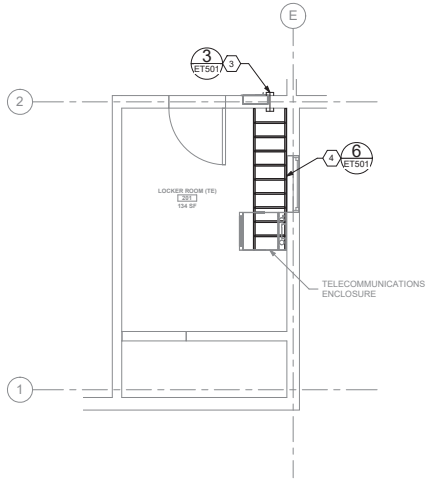


3 29ET102 RM 203E - DEMOLITION OVERHEAD PLAN
3/8" = 1'-0"



4 29ET102 RM 201 - OVERHEAD PLAN
3/8" = 1'-0"

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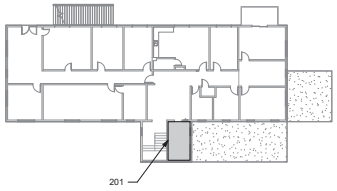
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. EXISTING WIRELESS ACCESS POINT TO BE RE-FED WITH (2) CAT6A CABLES.
3. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPERATED BY AT LEAST 10FT.
4. WIRE BASKET CABLE TRAY.
5. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE DETAIL '1' ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.
6. PROVIDE (1) CAT6A CABLE FOR ADDED SECURITY CAMERA.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 29 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
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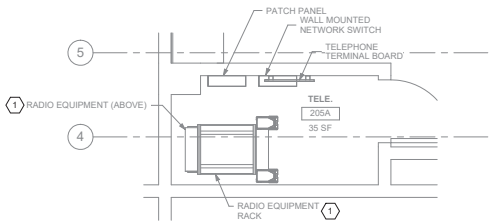
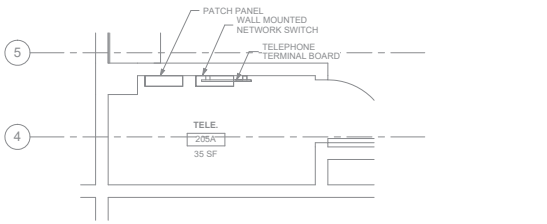
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	29
Drawing Number	29ET402a
	302 of 339



1 29ET102 RM 205 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 29ET102 RM 205 - TELECOMMUNICATIONS PLAN
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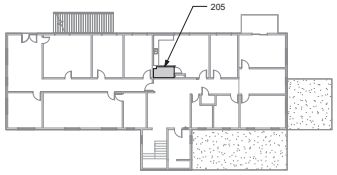
KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 29 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: KG/SHM | Drawn: RTS/CNI

Project Number: 671A4-21-700

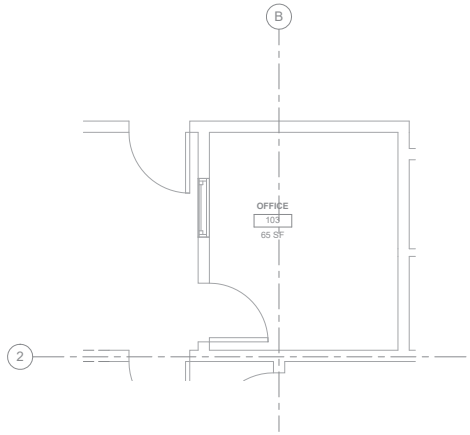
Building Number: 29

Drawing Number: 29ET402b

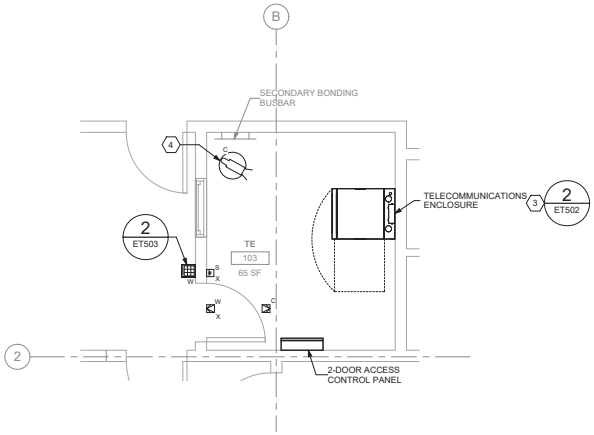
VA FORM 08 - 6231

1 16/01/2026 6:21:52 am

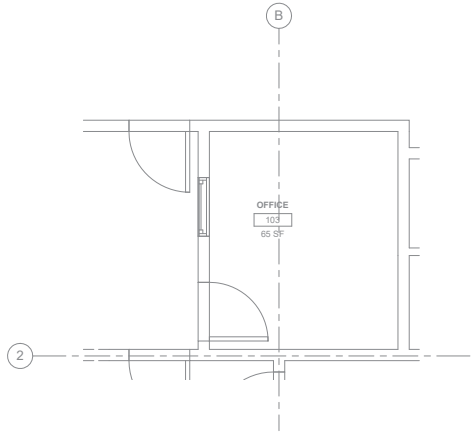
Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_29_EL_SDB.rvt



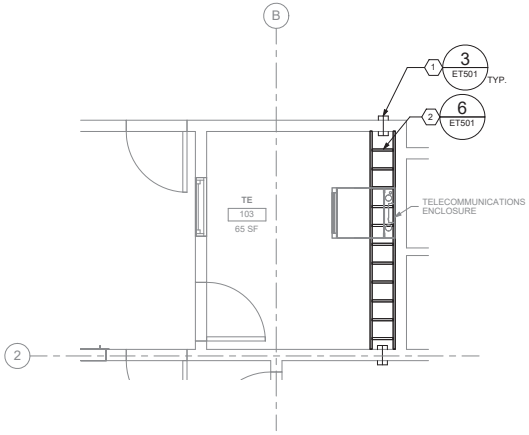
1 46ET101 RM 103 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 46ET101 RM 103 - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 46ET101 RM 103 - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



4 46ET101 RM 103 - OVERHEAD PLAN
1/2" = 1'-0"

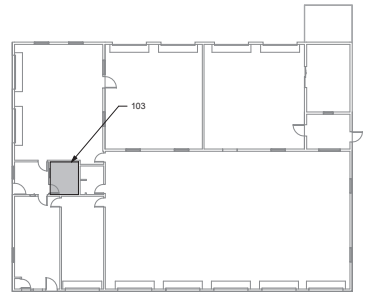
GENERAL NOTES

1. ALL EXISTING EQUIPMENT MAY NOT BE SHOWN FOR CLARITY. CONTRACTOR SHALL FIELD VERIFY ALL TELECOMMUNICATIONS DEVICES AND ASSOCIATED CIRCUITRY AS REQUIRED. ALL RACEWAYS AND CONDUCTORS ASSOCIATED WITH EQUIPMENT TO BE DEMOLISHED SHALL BE DEMOLISHED BACK TO THEIR SOURCE, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING AS CONDUIT FILL ALLOWS. PROVIDE ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED.
6. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
7. WHERE NEW DATA OUTLETS ARE BEING PROVIDED AND EXISTING DATA OUTLET CURRENTLY DOES NOT EXIST, PROVIDE (1) 1" CONDUIT FROM NEW BACKBOX TO ACCESSIBLE CEILING SPACE TO SECURELY ROUTE DATA CABLING FROM OUTLET TO TR VIA CABLE TRAY. IF CABLE TRAY IS NON-EXISTENT, EXTEND RACEWAY FROM OUTLET TO TR AS REQUIRED.
8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
9. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
10. WAOs AND DEVICE LOCATIONS ARE APPROXIMATE. DETERMINE EXACT LOCATIONS IN FIELD; DOCUMENT VARIANCES BASED ON AS-BUILT DRAWINGS.
11. ALL DATA CABLING SHALL BE SEGREGATED FROM OTHER SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, SECURITY, FIRE ALARM, AND NURSE CALL SYSTEMS. WHEN ROUTED THROUGH CONDUIT, DATA CABLING SHALL HAVE ITS OWN RACEWAY. WHEN DATA CABLING IS ROUTED THROUGH A COMMON SPECIAL SYSTEMS CABLE TRAY, CABLING SHALL BE BUNDLED WITH LIKE SYSTEMS; ADDITIONALLY, CABLE TRAYS SHALL BE PROVIDED WITH TRAY DIVIDERS AS REQUIRED TO SEGREGATE SYSTEMS FROM ONE ANOTHER.
12. ALL TELECOMMUNICATION ROOMS SHALL BE PROVIDED WITH FIRE-RATED PLYWOOD BACKBOARDS. REFERENCE EXACT PLACEMENTS WITH ARCHITECTURE DRAWINGS AS REQUIRED.
13. FIBER-OPTIC CABLING ROUTES AND ASSOCIATED RACEWAYS/CABLE TRAY ARE DIAGRAMMATICAL. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, ARCHITECTURAL FEATURES, MECHANICAL DUCTWORK, PIPING, EQUIPMENT, AND ANY OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

KEY NOTES

1. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10FT.
2. PROVIDE WIRE BASKET CABLE TRAY AS INDICATED.
3. REFERENCE ARCHITECTURAL AND CIVIL PLANS FOR STRUCTURAL MOUNTING DETAILS.
4. PROVIDE (1) CAT6A CABLE FOR ADDED SECURITY CAMERA.

KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE
DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: BLDG 46 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: KG/SHM
Drawn: RTS/CNI
Project Number: 671A4-21-700
Building Number: 46
Drawing Number: 46ET401a
304 of 339

VA FORM 08 - 6231
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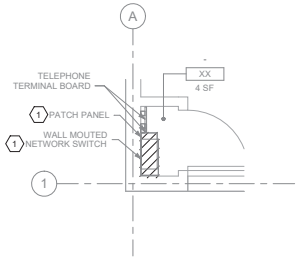
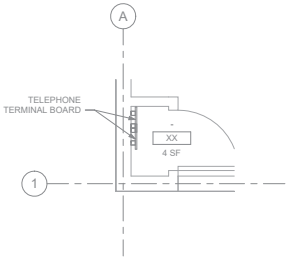


1 46ET101 RM XX - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 46ET101 RM XX - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"

GENERAL NOTES

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3. SEAL ALL INTERIOR WALL AND CEILING PENETRATIONS TO MATCH EXISTING FIRE RATING OR NEW FIRE RATING, IF REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS AS REQUIRED.
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8. PROVIDE PULL BOXES SIZED PER ANSI/TIA-569 AT 100-FT INTERVALS IN STRAIGHT CONDUIT RUNS, OR CONDUIT CONTAINING BENDS TOTALING MORE THAN 180 DEGREES.
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KEY NOTES

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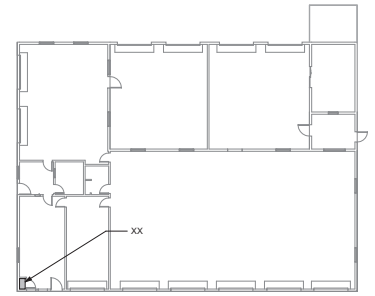
KEY PLAN



Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 46 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/CNI
Project Number	671A4-21-700
Building Number	46
Drawing Number	46ET401b

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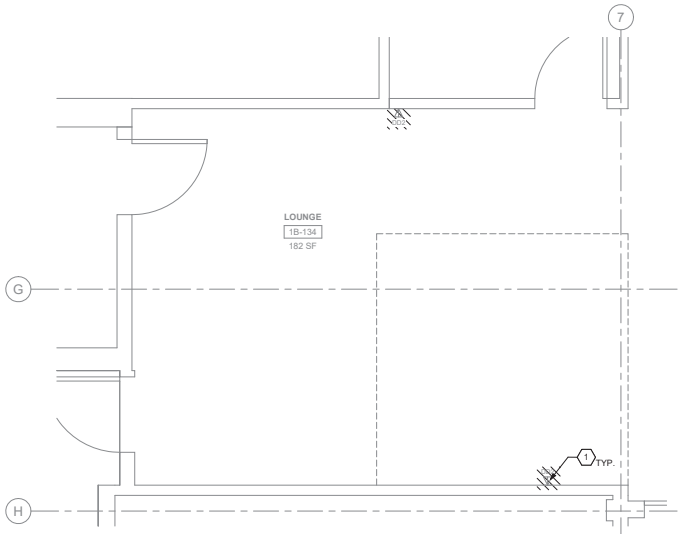
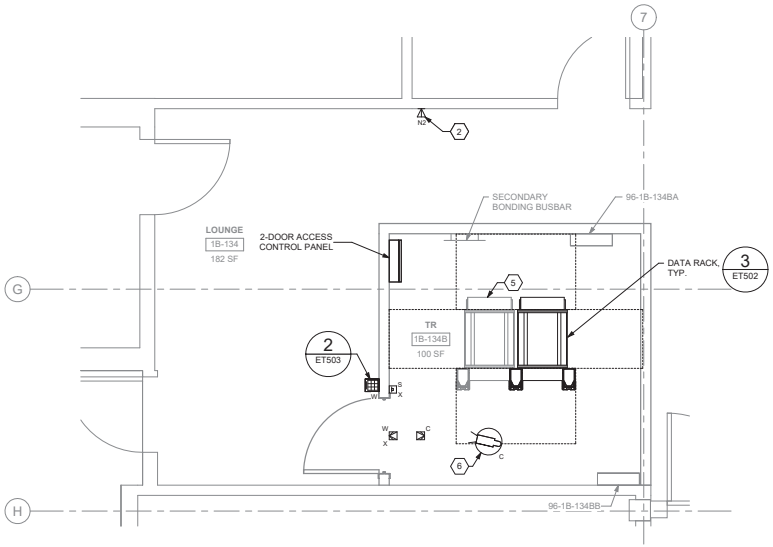
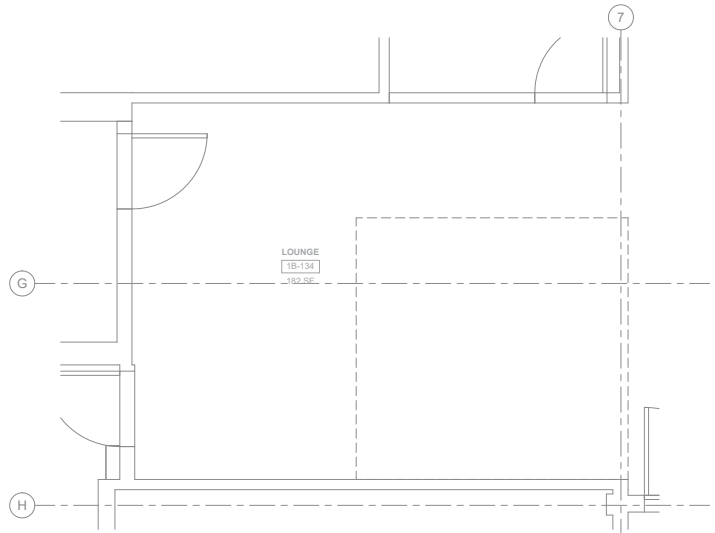
EHRM/VATX_46_EL_SDB.rvt



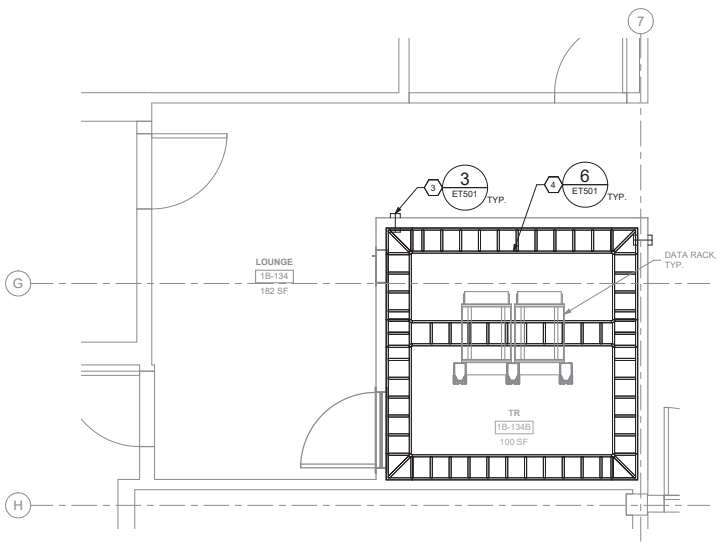
1 96ET101 RM 1B-134 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 96ET101 RM 1B-134B - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"



3 96ET101 RM 1B-134 - DEMOLITION OVERHEAD PLAN
1/2" = 1'-0"



4 96ET101 RM 1B-134B - OVERHEAD PLAN
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4. ALL TELECOMMUNICATIONS CABLING CATEGORY 6 AND BELOW SHALL BE REMOVED AND REPLACED WITH CAT6A PORTS AND CABLE QUANTITIES INDICATED, UNLESS NOTED OTHERWISE.
5. TELECOMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING PATHWAY VACATED BY EXISTING CABLING AS CONDUIT FILL ALLOWS. PROVIDE ADDITIONAL RACEWAYS TO EXTEND TO ASSOCIATED TR AS REQUIRED.
6. A TELECOMMUNICATIONS OUTLET UPGRADE SHALL INCLUDE, BUT IS NOT LIMITED TO REMOVING AND DISPOSING EXISTING DEVICES AND CABLES; PROVIDING ALL LABOR, MATERIALS, TOOLS, TEST INSTRUMENTS, AND CONSUMABLES REQUIRED FOR THE INSTALLATION, TERMINATION, TESTING, LABELING, AND CERTIFICATION OF A FULLY FUNCTIONAL CATEGORY 6A OUTLET WITH THE PORT QUANTITY INDICATED.
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9. PROVIDE CONDUITS AND SLEEVES AS REQUIRED FOR ROUTING AND INSTALLATION OF HORIZONTAL AND BACKBONE CABLING. PROVIDE FIRE-STOP MATERIALS TO SEAL IN AND AROUND CONDUIT PER CODE. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION TYPES AND WALL HEIGHTS.
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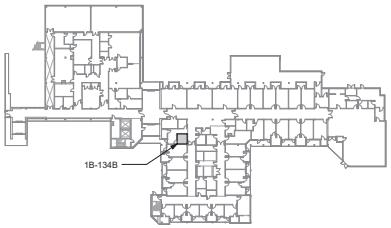
KEY NOTES

1. EXISTING EQUIPMENT TO BE DEMOLISHED. ASSOCIATED RACEWAYS AND CABLING SHALL BE DEMOLISHED BACK TO SOURCE.
2. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE DETAIL '1' ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.
3. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10 FT.
4. WIRE BASKET CABLE TRAY.
5. RACK NOT IN CONTRACT.
6. PROVIDE (1) CAT6A CABLE FOR ADDED SECURITY CAMERA.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 96 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS
Phase	100% CONSTRUCTION DOCUMENTS
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	96
Approved:	
	FULLY SPRINKLERED
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Drawing Number	96ET401a

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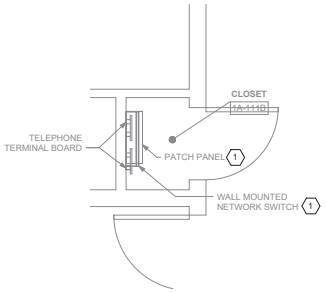
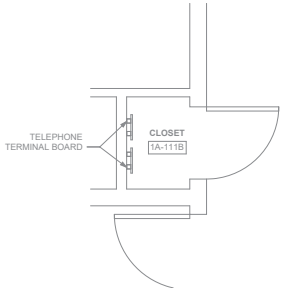


1 96ET101 RM 1A-107B - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



2 96ET101 RM 1A-107B - TELECOMMUNICATIONS PLAN
1/2" = 1'-0"

GENERAL NOTES

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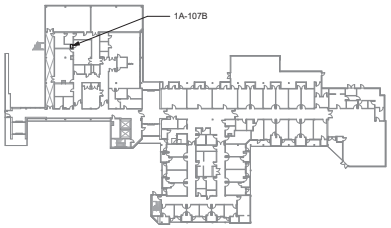


AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 96 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: KG/SHM | Drawn: RTS/CNI

Project Number: 671A4-21-700

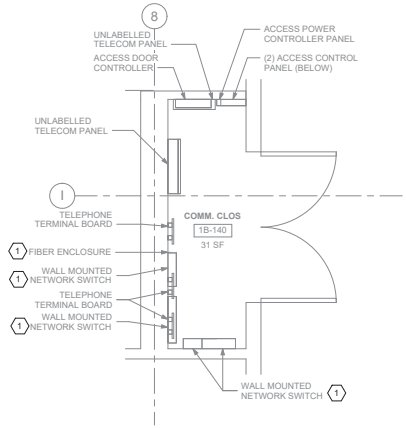
Building Number: 96

Drawing Number: 96ET401b

VA FORM 08 - 6231

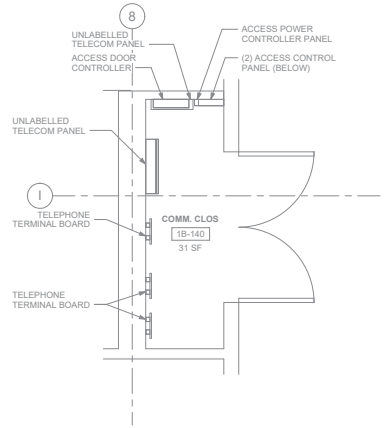
1 16/01/2026 5:30:14 am

Autodesk Docs://671A4-21-700 VATX Kerrville EHRM/VATX_96_EL_SDB.rvt



1 96ET101 RM 1B-140 - DEMOLITION FLOOR PLAN

1/2" = 1'-0"



2 96ET101 RM 1B-140 - TELECOMMUNICATIONS PLAN

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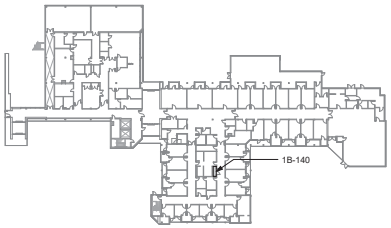

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Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
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KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 96 - LEVEL 01 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/CNI
Project Number	671A4-21-700
Building Number	96
Drawing Number	96ET401c

VA FORM 08 - 6231 1 16/01/2026 5:30:15 am

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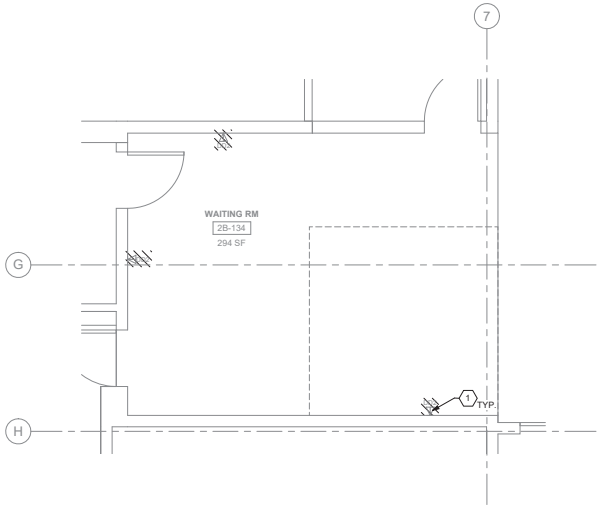
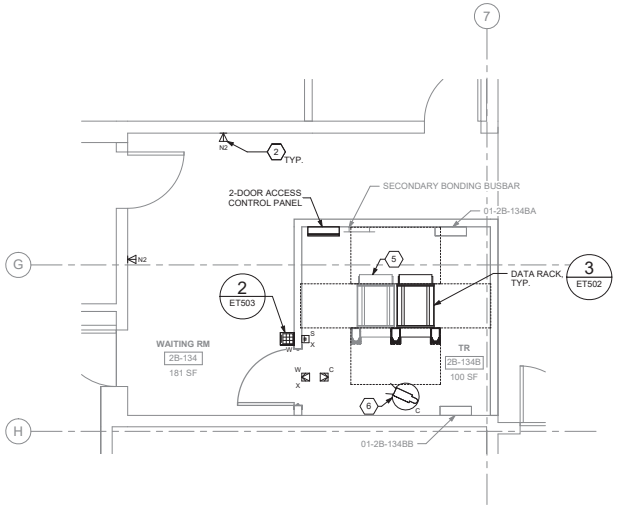
EHRM/VATX_96_EL_SDB.rvt



1 96ET102 RM 2B-134 - DEMOLITION FLOOR PLAN
3/8" = 1'-0"



2 96ET102 RM 2B-134B - TELECOMMUNICATIONS PLAN
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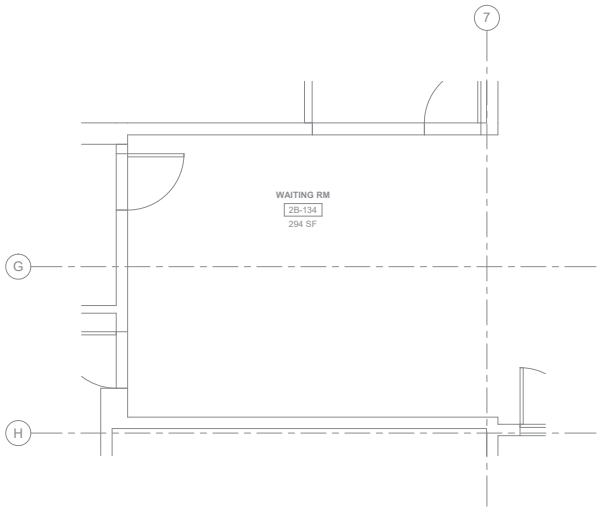

3 96ET102 RM 2B-134 - DEMOLITION OVERHEAD PLAN
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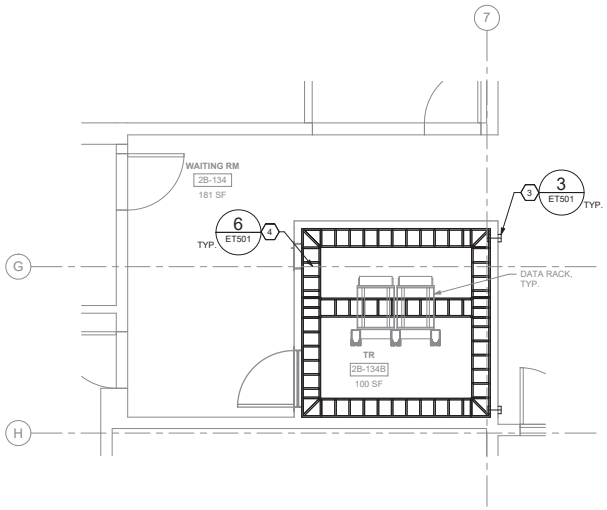

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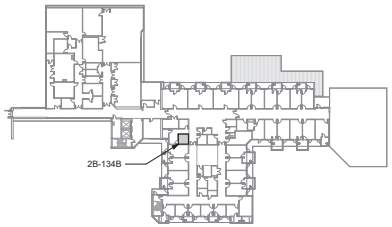
2. PROVIDE TELECOMMUNICATIONS OUTLET WITH PORT QUANTITY SHOWN TO REPLACE EXISTING TELECOMMUNICATIONS OUTLET; EXISTING OUTLET CONDUIT SHALL REMAIN AND BE UTILIZED TO FEED NEW CABLING; REFERENCE DETAIL '1' ON SHEET ET501 AND THE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT OUTLET PLACEMENT.
3. PROVIDE RIGID CONDUIT SLEEVES WITH FIRE PROOFING AS REQUIRED. SIDE 'A' AND SIDE 'B' SLEEVES SHALL BE SEPARATED BY AT LEAST 10-FT.
4. WIRE BASKET CABLE TRAY.
5. RACK NOT IN CONTRACT.
6. PROVIDE (1) CAT6A CABLE FOR ADDED SECURITY CAMERA.

KEY PLAN



AREA SHOWN

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
23830 PACIFIC HIGHWAY S. SUITE 300
KENT, WA 98032

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BLDG 96 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS
Approved:	
Phase	100% CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/CNI
Project Number	671A4-21-700
Building Number	96
Drawing Number	96ET402a

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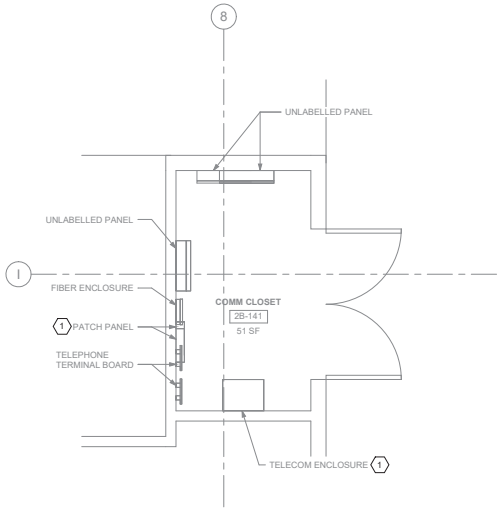
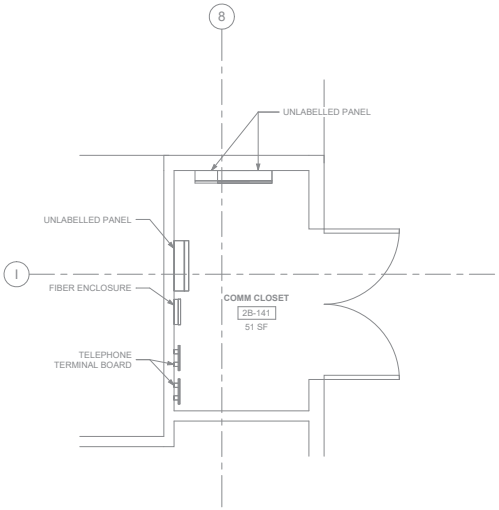


1 96ET102 RM 2B-141 - DEMOLITION FLOOR PLAN
1/2" = 1'-0"



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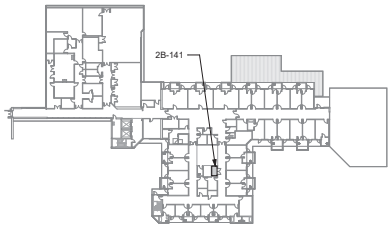

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: BLDG 96 - LEVEL 02 - ENLARGED TELECOMMUNICATIONS PLANS

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: KG/SHM | Drawn: RTS/CNI

Project Number: 671A4-21-700

Building Number: 96

Drawing Number: 96ET402b

VA FORM 08 - 6231
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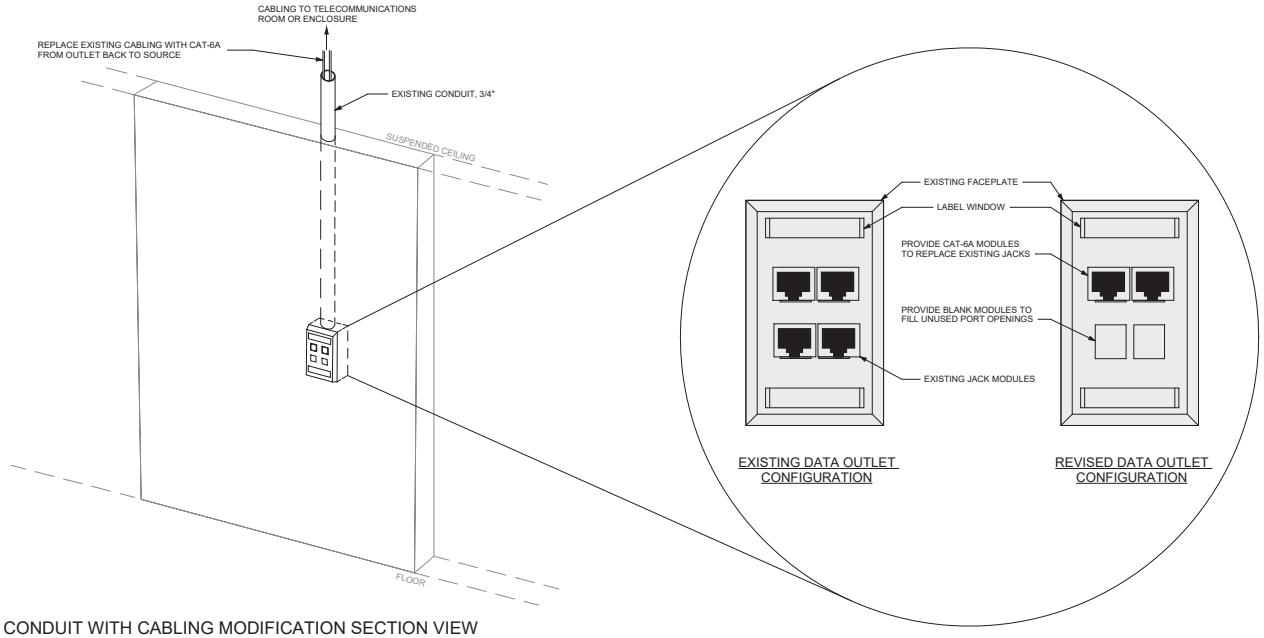
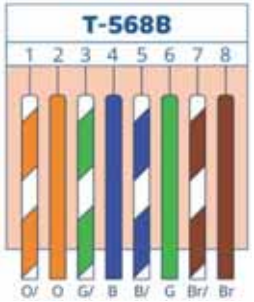
Autodesk Docs://671A4-21-700 VATX Kerrville
EHRM/VATX_96_EL_SDB.rvt



1 - EXISTING CONDUIT WITH CABLING MODIFICATION SECTION VIEW
NTS

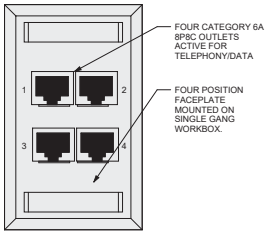
GENERAL NOTES (FOR THIS SHEET ONLY)

1. ALL LABELING SHALL BE ANSI/TIA/EIA/606C COMPLIANT. BLACK LETTERING ON WHITE FIELD. MACHINE PRINTED. FURTHER GUIDANCE ON ADMINISTRATION MAY BE SPECIFIED IN OTHER SECTIONS OF THIS DESIGN PACKAGE.
2. TYPICAL WORK AREA OUTLET FACEPLATE WILL BE INSTALLED WITH CATEGORY 6A COMPONENT-COMPLIANT 8P8C MEDIA INTERFACE CONNECTORS (RJ45). EACH CONNECTOR WILL BE TERMINATED TO HIGH QUALITY CATEGORY 6A HORIZONTAL CABLING WHICH WILL TERMINATE IN THE TELECOMMUNICATIONS ROOM AS SPECIFIED ELSEWHERE IN THIS DESIGN PACKAGE. ALL HORIZONTAL UTP SHALL BE CATEGORY 6A AND TERMINATED TO T568B.
3. TYPICAL FACEPLATE WILL BE INSTALLED WITH TWO (2) RJ45s. HIGH DENSITY FACEPLATES WILL BE INSTALLED WITH FOUR (4) RJ45s.
4. FACEPLATE MATERIAL AND COLOR DETERMINED BY OTHERS.

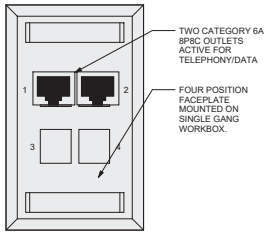


2 - DATA CABLING TERMINATION DETAIL
NTS

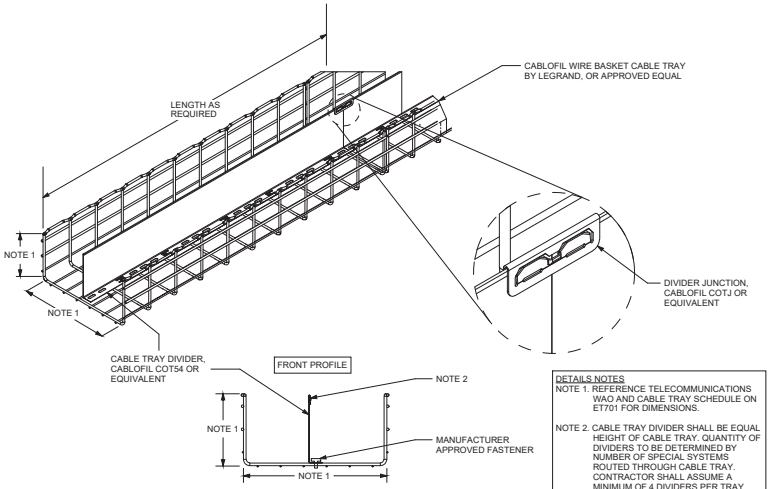
3 - FIRE STOP SLEEVE AND GANGPLATE DETAIL
NTS



4 - TYPICAL HIGH DENSITY WALL MOUNTED WORK AREA OUTLET CONFIGURATION
NTS



5 - STANDARD DENSITY WALL MOUNTED WORK AREA OUTLET CONFIGURATION
NTS



DETAILS NOTES
NOTE 1. REFERENCE TELECOMMUNICATIONS WAO AND CABLE TRAY SCHEDULE ON ET701 FOR DIMENSIONS.
NOTE 2. CABLE TRAY DIVIDER SHALL BE EQUAL HEIGHT OF CABLE TRAY. QUANTITY OF DIVIDERS TO BE DETERMINED BY NUMBER OF SPECIAL SYSTEMS ROUTED THROUGH CABLE TRAY. CONTRACTOR SHALL ASSUME A MINIMUM OF 4 DIVIDERS PER TRAY.
NOTE 3. CABLE TRAY SHALL BE INSTALLED 6" OFF WALL TO ALLOW CONDUIT TO PASS BEHIND TRAY.

6 - TYPICAL WIRE BASKET CABLE TRAY WITH DIVIDER
NTS

Revisions:	Date:

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DISCIPLINE:

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KENT, WA 98032

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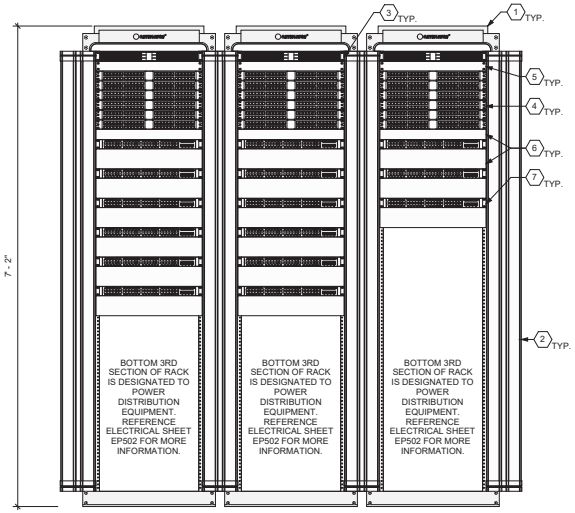
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

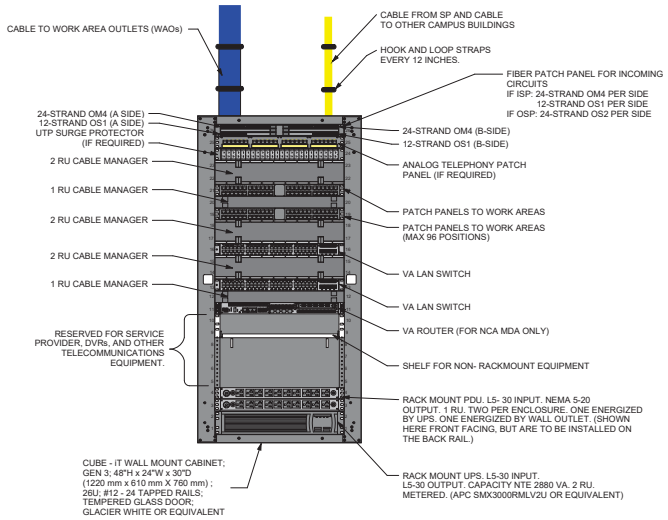
Drawing Title	Phase	Project Title	Project Number
TELECOMMUNICATIONS DETAILS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Building Number: -
		Issue Date: 11/21/2025; Checked: KG/SHM; Drawn: RTS/ONI	Drawing Number: ET501

VA FORM 08 - 6231 1 1/13/2026 6:35:50 AM
Autodesk Docs://671A4-21-700 VA/TX Kerrville EHRM/VA KERRVILLE - GENERAL SHEETS.rvt

DETAIL IS GENERIC IN NATURE AND SHOWS GENERAL LAYOUT INFORMATION.
REFERENCE GENERAL AND KEY NOTES FOR SPECIFIC INFORMATION



1 TR DATA RACK ELEVATION - THREE RACKS
1 1/3" = 1'-0"

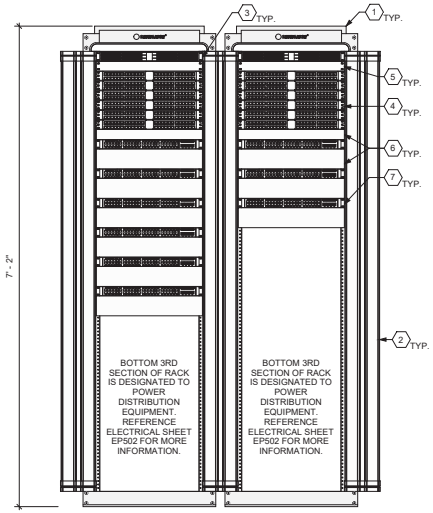


2 TELECOMMUNICATIONS ENCLOSURE ELEVATION DETAIL
1/2" = 1'-0"

GENERAL NOTES (FOR THIS SHEET ONLY)

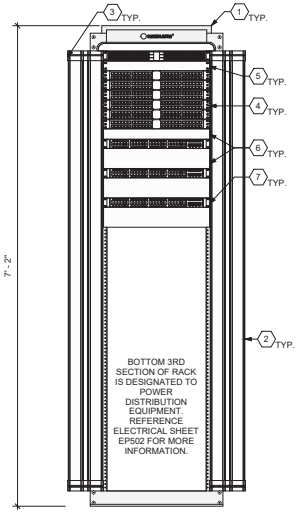
1. ALL TELECOMMUNICATIONS ROOM (TR) DATA RACK DETAIL ELEVATIONS ARE SHOWN TO PROVIDE GENERAL LAYOUT REQUIREMENTS. EXACT QUANTITIES OF UTP PATCH PANELS AND NETWORK SWITCHES PER TR ARE SHOWN IN THE TELECOMMUNICATIONS WAO AND CABLE TRAY SCHEDULE LOCATED ON SHEET TN701. IF MORE THAN (1) RACK IS PRESENT IN THE TR BEING EVALUATED, CONTRACTOR SHALL DIVIDE THE PATCH PANEL AND NETWORK SWITCH EQUIPMENT EVENLY AMONG THE RACKS [IE: IF (6) PATCH PANELS AND (6) NETWORK SWITCHES ARE REQUIRED IN A TR THAT HAS (2) DATA RACKS, PROVIDE EACH DATA RACK WITH (3) PATCH PANELS AND (3) NETWORK SWITCHES].
2. VA DATA RACKS FOLLOW A RULE OF THIRDS FOR POSITIONING EQUIPMENT ON THE RACK. THE TOP THIRD IS DESIGNATED FOR FIBER AND UTP PATCH EQUIPMENT, THE MIDDLE THIRD IS DESIGNATED FOR NETWORK SWITCH EQUIPMENT, AND THE BOTTOM THIRD IS DESIGNAZTED FOR DATA RACK POWER DISTRIBUTION EQUIPMENT.
3. PRIOR TO CONSTRUCTING TR DATA RACKS AND DURING THE SUBMITTAL PROCESS, CONTRACTOR SHALL SUBMIT ALL TR DATA RACK ELEVATIONS (FRONT, BACK, AND SIDE VIEWS) FOR ENGINEER AND VA REVIEW AND APPROVAL. SUBMITTAL SHALL SHOW ALL DIMENSIONS, CABLE MANAGEMENT EQUIPMENT, LABELING AND ASSOCIATED CUTSHEETS WITH INDICATED PART NUMBERS AND OPTIONS FOR ALL EQUIPMENT.
4. CONTRACTOR SHALL LABEL EACH PATCH PANEL PORT WITH PORT NUMBER AND ROOM NUMBER.
5. ALL DATA RACKS SHALL BE PROVIDED WITH SEISMIC BRACING KITS AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
6. ALL EQUIPMENT, CABLING, CONNECTORS AND APPURTENANCES SHALL BE LABELED PER THE VA STANDARD "INFRASTRUCTURE STANDARD FOR TELECOMMUNICATIONS SPACE" VERSION 3.1 OR NEWER.
7. WHERE RACK EQUIPMENT IS NOT REQUIRED FOR CABLING REQUIREMENTS PROVIDE BLANKING PLATES IN ABSENT SPACES.
8. PROVIDE BLANKING PANELS IN ALL TR RACK VACANT SPACES IF NOT NOTED OTHERWISE.

DETAIL IS GENERIC IN NATURE AND SHOWS GENERAL LAYOUT INFORMATION.
REFERENCE GENERAL AND KEY NOTES FOR SPECIFIC INFORMATION



3 TR DATA RACK ELEVATION - TWO RACKS
1 1/3" = 1'-0"

DETAIL IS GENERIC IN NATURE AND SHOWS GENERAL LAYOUT INFORMATION.
REFERENCE GENERAL AND KEY NOTES FOR SPECIFIC INFORMATION



4 TR DATA RACK ELEVATION - SINGLE RACK
1 1/3" = 1'-0"

KEY NOTES (FOR THIS SHEET ONLY)

1. DATA RACK, 4-POST, WHITE FINISH, ORTRONICS #MM2073038-W, OR APPROVED EQUAL.
2. VERTICAL CABLE MANAGER WITH DOOR, 6" WIDE, ORTRONICS #MM20VMD706, OR APPROVED EQUAL.
3. FIBER DISTRIBUTION CABINET, ANGLED, 1RU, LEVITON ANGLED OPT-X UHDX, OR APPROVED EQUAL; CABINET POPULATED WITH (12) CASSETTES, LEVITON HDX ENTERPRISE MTP, OR APPROVED EQUAL. SIDE-A AND SIDE-B FIBER BACKBONE SHALL TERMINATE TO SEPARATE SIDES OF DISTRIBUTION CABINET.
4. CAT 6A UTP PATCH PANEL, ANGLED, 48-PORT WITH REAR CABLE MANAGER, LEVITON #E2XHD-BLK, OR APPROVED EQUAL.
5. BLANKING PANEL, 1RU, LEVITON, OR APPROVED EQUAL.
6. HORIZONTAL CABLE MANAGER, 1RU OR 2RU AS SHOWN, LEVITON, OR APPROVED EQUAL.
7. NETWORK SWITCH. VA PROVIDED, CONTRACTOR INSTALLED. COORDINATE WITH VA RESIDENT ENGINEER FOR EXACT REQUIREMENTS AS NECESSARY.

Revisions:	Date:

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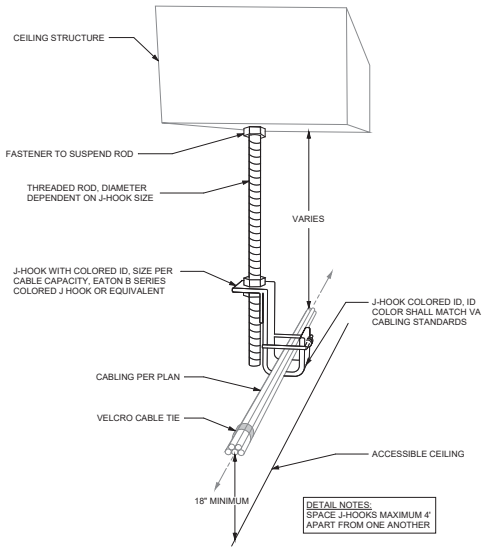
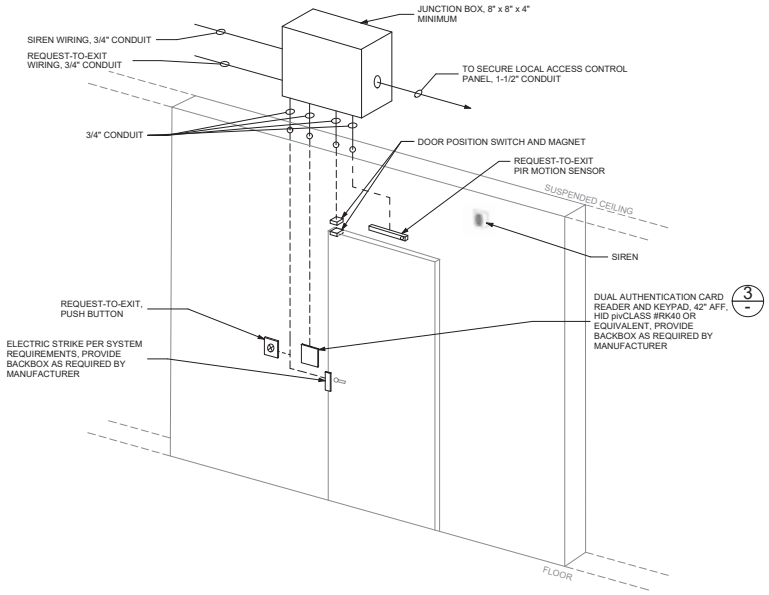
Drawing Title: TELECOMMUNICATIONS DETAILS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: -
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: ET502
		Issue Date: 11/21/2025 · Checked: KG/SHM · Drawn: RTS/CNI	312 of 339



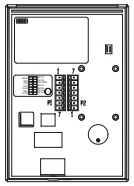
1 - TYPICAL J-HOOK INSTALLATION DETAIL
NTS



2 - SECURITY DOOR CARD READER INSTALLATION DETAIL
NTS

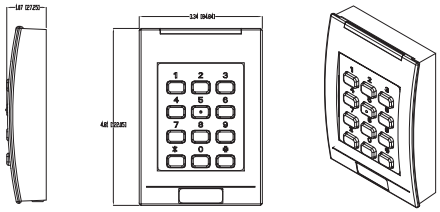
GENERAL NOTES (FOR THIS SHEET ONLY)

PIV ENABLED TWO-FACTOR AUTHENTICATION KEY PAD AND CONTACTLESS AUTHENTICATION, HID pivCLASS #RK40 OR EQUIVALENT

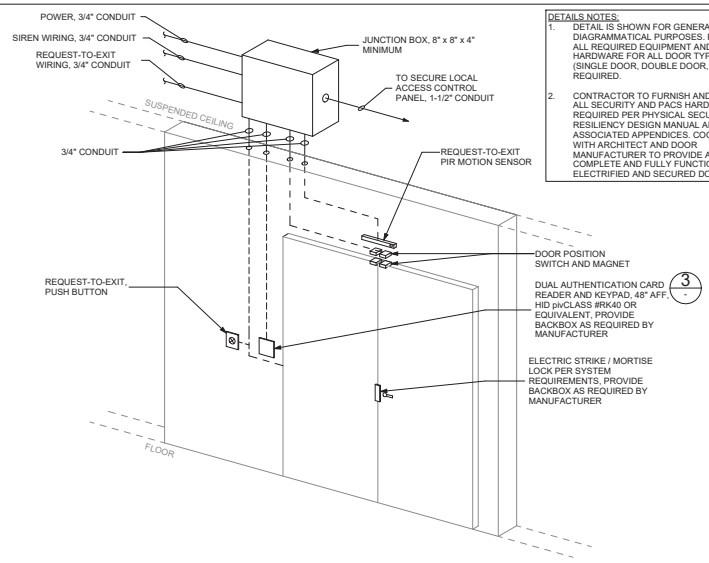


WIRING TABLE

PIGTAIL-WIRE COLOR	TERM STRIP - CONNECTION	CIRCUIT FUNCTION
YELLOW	P1-1	NO CONNECT
ORANGE	P1-2	NO CONNECT
BLACK	P1-3	RTN
RED	P1-4	+VDC
DRAIN	P1-5	NO CONNECT
BROWN	P1-6	NO CONNECT
BLUE	P1-7	NO CONNECT
GRAY	P2-1	RS485 / TXA
PINK	P2-2	RS485 / TXB
GREEN	P2-3	NO CONNECT
WHITE	P2-4	NO CONNECT
VIOLET	P2-5	NO CONNECT
TAN	P2-6	RS485 / RXB
RED/GREEN	P2-7	RS485 / RXA



3 - TYPICAL CONTACTLESS AUTHENTICATION AND PINPAD DEVICE
NTS



DETAILS NOTES:
1. DETAIL IS SHOWN FOR GENERAL DIAGRAMMATICAL PURPOSES. PROVIDE ALL REQUIRED EQUIPMENT AND HARDWARE FOR ALL DOOR TYPES (SINGLE DOOR, DOUBLE DOOR, ETC.) AS REQUIRED.
2. CONTRACTOR TO FURNISH AND INSTALL ALL SECURITY AND PACS HARDWARE AS REQUIRED PER PHYSICAL SECURITY AND RESILIENCY DESIGN MANUAL AND ASSOCIATED APPENDICES. COORDINATE WITH ARCHITECT AND DOOR MANUFACTURER TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL ELECTRIFIED AND SECURED DOOR.

4 - DOUBLE DOOR - SECURITY CARD READER INSTALLATION DETAIL
NTS

KEY NOTES (FOR THIS SHEET ONLY)

Revisions:	Date:

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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: TELECOMMUNICATIONS DETAILS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: KG/SHM
Drawn: RTS/CNI
Project Number: 671A4-21-700
Building Number: -
Drawing Number: ET503
313 of 339

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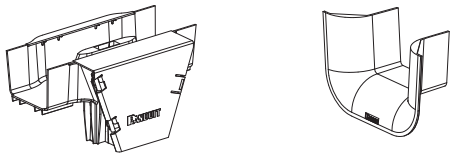
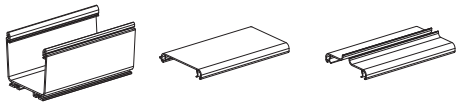


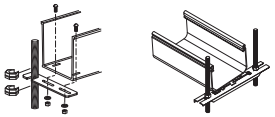
FIBER PATHWAY BEND RADIUS SPILLWAYS (PANDUIT FRVT4X4/FRTR4X4 OR EQUIVALENT):

VERTICAL TEE
TRUMPET SPILLWAY
BEND RADIUS SPILLWAYS REQUIRED AT EVERY RACK LOCATION



FIBER PATHWAY CHANNEL AND COVERS (PANDUIT FR4X4/FRHC4/FRSHC4 OR EQUIVALENT):

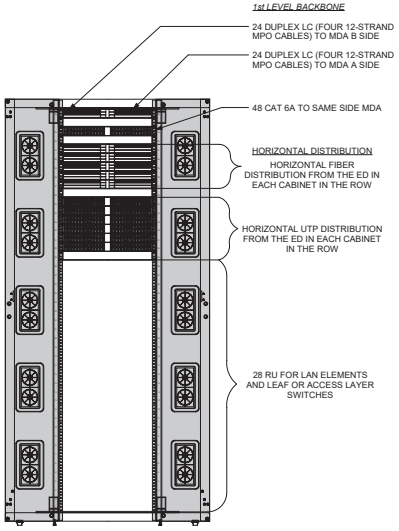
4X4" CHANNEL COVER
SOLID COVER
SPLIT HINGED COVER



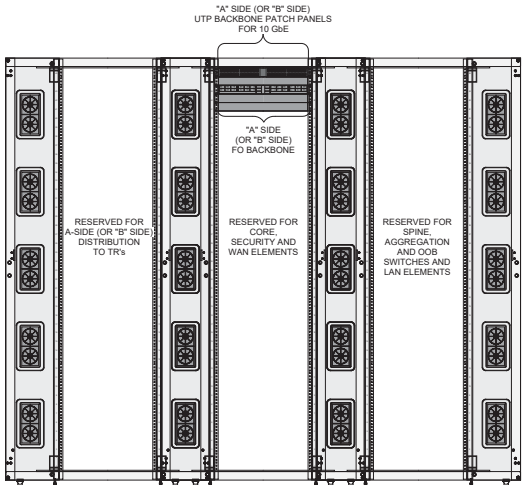
FIBER PATHWAY MOUNTING BRACKET (PANDUIT FR6TRBE/FR6TBN OR EQUIVALENT):

BRACKET TO MOUNT TO EXISTING THREADED ROD OR
BRACKET TO MOUNT TO NEW THREADED ROD

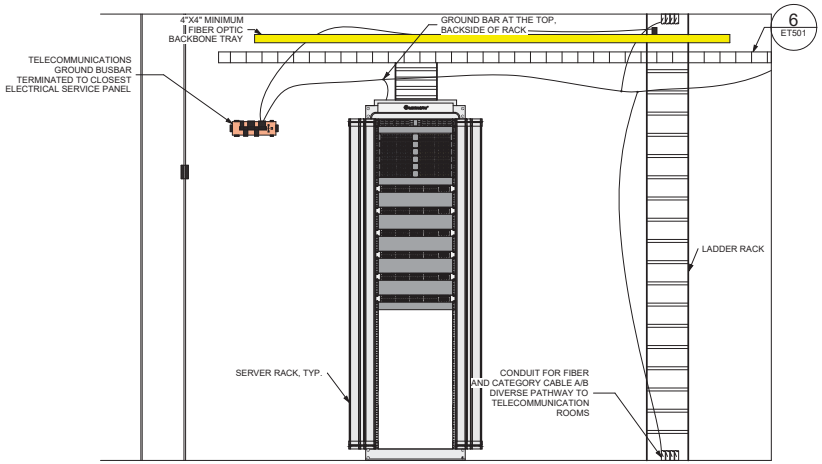
1 - FIBER PATHWAYS AND DETAILS
NTS



2 - TYPICAL END OF ROW HORIZONTAL DISRIBUTION AREA
NTS



3 - SMALL DATA CENTER MAIN DISTRIBUTION AREA (A & B SIDES)
NTS



4 - ENTRANCE ROOM ELEVATION
NTS

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Drawing Title: TELECOMMUNICATIONS DETAILS
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
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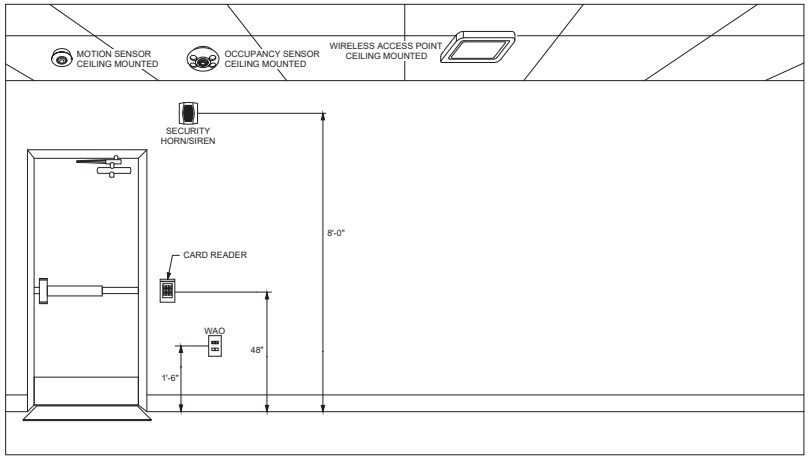
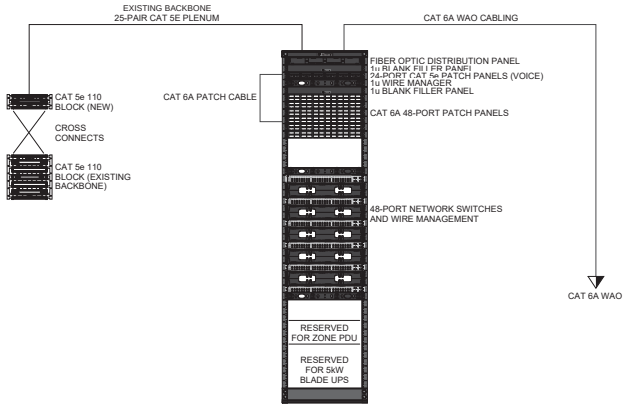
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date: 11/21/2025
Checked: KG/SHM
Drawn: RTS/CNI
Project Number: 671A4-21-700
Building Number: -
Drawing Number: ET504
314 of 339

DETAIL NOTES:
1. THESE TYPICAL MOUNTING HEIGHTS SHALL BE USED UNLESS OTHERWISE NOTED.



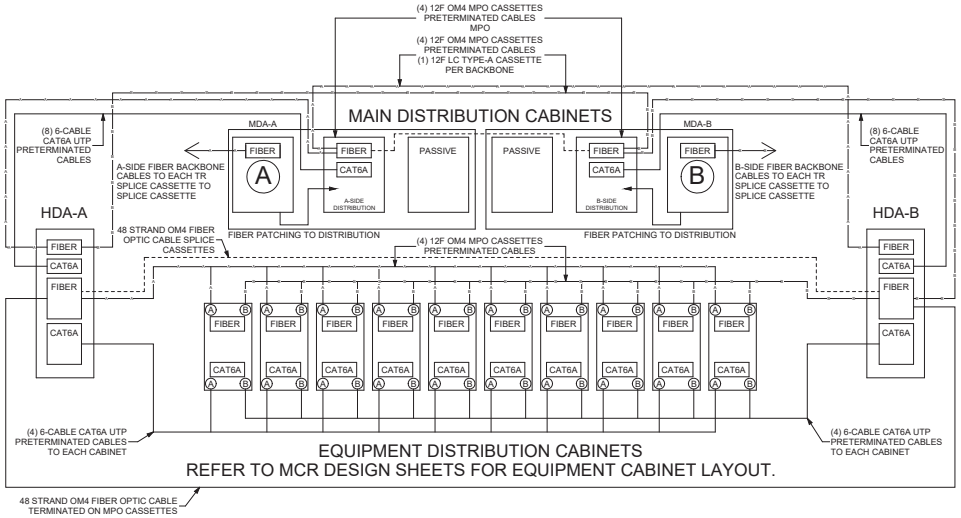
1 - TYPICAL DEVICE MOUNTING HEIGHT DETAIL
1/2" = 1'-0"



2 - EXISTING TR TO NEW TR PHASING CONNECTION
NTS

3 - NOT USED
NTS

NOTE:
1. DETAIL IS DIAGRAMMATICAL ONLY.



4 - DIVERSE ROUTING HORIZONTAL DISTRIBUTION AREA TO MAIN DISTRIBUTION AREA
1/2" = 1'-0"

Revisions:	Date:

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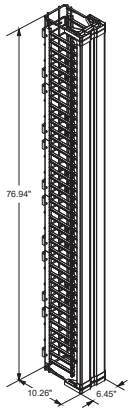
Approved:	FULLY SPRINKLERED	Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028	Drawing Number: ET505
		Issue Date: 11/21/2025 · Checked: KG/SHM · Drawn: RTS/ONI	315 of 339



P/N: OR-MM20VMD706 (OR EQUIVALENT)

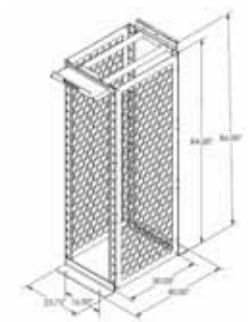
MM20 VERTICAL CABLE MANAGEMENT "CAGE", WITH DOOR,
6.45 IN. X 10.26 IN. X 76.94 IN. WHITE

CAPACITY: 350 CATEGORY 6A PATCH CORDS OR 245
CATEGORY 6A PATCH CORDS

LARGER VCM AUTHORIZED IN ACCORDANCE WITH CABLING
REQUIREMENT

1 - TR RACK 6 IN. WIDE VERTICAL CABLE MANAGEMENT

NTS



P/N: OR-MM2073038-W (OR EQUIVALENT)

MIGHTY MO 20 CABLE MANAGEMENT RACK
30 IN. CHANNEL DEPTH, 7 FT HIGH, WHITE FINISH OR EQUIVALENT

DIMENSIONS:
USABLE HEIGHT: 45 RU
DEPTH (US): 30 IN.
HEIGHT (US): 7 FT
WIDTH (US): 23.75 IN.
STATIC LOAD CAPACITY: 2000 LB
SQUARE HOLE

2 - TYPICAL TR RACK DIMENSIONS AND SPECIFICATIONS

NTS

FIBER BACKBONE HOME RUN FROM ALL TRs TO
MDA TO HAVE SPLICE CASSETTES ON BOTH ENDS

RECOMMENDED LC FIBER SPLICE CASSETTE:
LEVITON HDX OR EQUICALENT

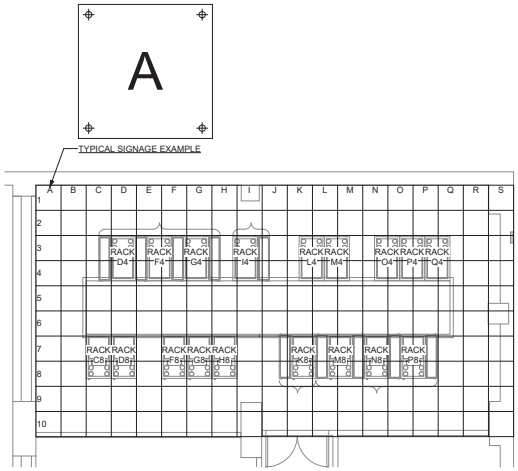
PART NUMBER: SPLCH-12AQ (OM4) / SPLCH-12GN (OS2)
DESCRIPTION:
HDX OM4 LC CASSETTE, (0.15 DB) 12-FIBER OM4 TO 12X1-FIBER LC(UPC)
HDX OS2 LC CASSETTE, (0.24 DB) 12-FIBER OS2 TO 12X1-FIBER LC(APC)
ADD OS1

3 - FIBER SPLICE CASSETTES (LC BREAKOUT)

NTS

DETAIL NOTE(S):

1. PROVIDE LOCATION IDENTIFIERS ON WALLS, COLUMNS, AND/OR FROM HANGING TAGS AS NECESSARY TO ALLOW OCCUPANTS TO REASONABLY DETERMINE ALL GRID LOCATIONS.
2. IDENTIFIERS SHALL BE A MINIMUM OF 4-INCH HIGH CHARACTERS, SEMI-GLOSS BLACK LET WITH TOP OF CHARACTER NOT MORE THAN 6 INCHES BELOW CEILING, CONCRETE SLAB LINE, OR TYPICALLY ACCEPTED PHYSICAL DIVIDER BETWEEN WORKSPACE AND CEILING.
3. ITEMS ON THE FLOOR SHALL BE NOTED AS BEING LOCATED AT LOCATIONS IN ACCORDANCE WITH ANSI/TIA-606-C, MEANING THE GRID LOCATION OF THE TILE CONTAINING THE LEFT FRONT CORNER OF THE ITEM (WHEN FACING THE FRONT OF THE ITEM).
4. IF THE ITEM HAS NO IDENTIFIABLE FRONT, THE FIRST FULL TILE COVERED CLOSEST TO THE GRID ORIGIN SHALL BE THE LOCATION IDENTIFIER.



4 - TYPICAL POSITION IDENTIFICATION EXAMPLES

1/4" = 1'-0"

5 - NOT USED

NTS

GENERAL NOTES

KEY NOTES

Revisions:	Date:

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Phase	100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED	
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location	VA TEXAS KERRVILLE 3600 MEMORIAL BLVD., KERRVILLE, TX 78028
Issue Date	11/21/2025
Checked	KG/SHM
Drawn	RTS/ONI
Project Number	671A4-21-700
Building Number	-
Drawing Number	ET506

VA FORM 08 - 6231 1 1/13/2026 6:36:23 AM
Autodesk Docs://671A4-21-700 VA/TX Kerrville EHRM/VA KERRVILLE - GENERAL SHEETS.rvt

TELECOMMUNICATION WAO, CABLE TRAY, AND FIRE SLEEVE SCHEDULE

BUILDING NO.	FLOOR	TOTAL DATA CONNECTION (NOTE 4)	TOTAL DATA RACKS PER TR (NOTE 1)	RACKS NOT IN CONTRACT	TELECOMMUNICATIONS ROOM NAME	MINIMUM REQUIRED HORIZONTAL CABLING UTP PATCH PANEL AND NETWORK SWITCHES	MINIMUM HORIZONTAL CABLE TRAY WIDTH REQUIREMENT (INCHES) (NOTE 2 & 3)	MINIMUM REQUIRED FIRESTOP SLEEVES FOR HORIZONTAL CABLE (NOTE 5)
01	01	98	1	–	01A	8	12	2
	02	2	–	–	SERVED BY TR "01A"	–	–	–
02	01	49	1	–	109	2	12	2
11	00	210	2	–	0B	4	12	2
	01	413	3	–	101A	9	18	4
	02	313	2	1	201A	8	18	4
	03	279	2	–	3B8	6	12	3
	04	9	2	–	4L7	1	12	3
	05	271	2	–	5B6	6	12	3
	06	277	2	–	6D18	6	12	3
	07	63	1	1	7D2	2	12	2
18	01	51	1(TE)	–	111A	2	12	2
20	01	34	–	–	SERVED BY TR "201"	–	–	–
	02	31	1(TE)	–	201	2	12	2
46	01	29	1(TE)	–	103	1	12	2
96	01	117	1	1	1B-1449	6	12	2
	02	133	1	1	2B-1449	8	12	2

Notes:

1. REFERENCE TR ENLARGED PLANS FOR EXACT RACK QUANTITY PER TR.
2. CABLE TRAY DEPTH SHALL BE 6". PROVIDE LENGTH AS REQUIRED. CABLE TRAY SHALL BE PROVIDED TO NOT EXCEED 40% FILL.
3. BUILDING DISTRIBUTION CABLE TRAYS AND ASSOCIATED TR CABLE TRAYS SHALL BE EQUAL IN SIZE.
4. TOTAL NUMBER OF DATA CONNECTIONS AND CABLING FOR WAO SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ACQUISITION OF EQUIPMENT AND CABLING. CONTRACTOR SHALL PROVIDE AN INITIAL SURVEY OF ALL AREAS TO HAVE UPGRADED WAOS AND OTHER DATA CONNECTED EQUIPMENT IN ORDER TO VERIFY EXACT LOCATIONS AND QUANTITIES PRIOR TO CONSTRUCTION.
5. TOTAL MINIMUM NUMBER OF FIRESTOP SLEEVES BASED OFF DETAIL 3, TN001. USE GANGPLATE WHERE REQUIRED. TOTAL MINIMUM NUMBER SHALL BE VERIFIED I Y CONTRACTOR PRIOR TO ACQUISITION OF EQUIPMENT. COORDINATE WITH EXISTING HORIZONTAL SLEEVES. EXISTING SLEEVES SHALL REMAIN. MINIMUM OF 2 FIRESTOP SLEEVES FOR HORIZONTAL CABLING A AND B PATHWAYS. CONTRACTOR SHALL PROVIDE AN INITIAL SURVEY OF ALL AREAS TO BE UPGRADED TO VERIFY UNOBSTRUCTED ENTRANCES AND ANY EXISTING SLEEVE OR GANGPLATE INSTALLATIONS.

PHYSICAL SECURITY DEVICE SCHEDULE	DEVICE					
	CAMERA	CARD READER WITH PIN PAD	MOTION SENSOR	PIR REQUEST-TO-EXIT SENSOR	REQUEST-TO-EXIT PUSHBUTTON	CABINET DOOR POSITION SWITCH (NOTE 3)
TELECOMMUNICATIONS ROOMS (NOTE 1)	X	X	X	X	X	–
MAIN COMPUTER ROOM	X	X	X	X	X	–
TELECOMMUNICATIONS ENCLOSURE ROOM	X	X	X (NOTE 2)	X (NOTE 2)	X (NOTE 2)	X

NOTES:

1. TYPICAL TO ALL TELECOMMUNICATIONS ROOMS.
2. DEVICE INDICATED MAY NOT BE PROVIDED FOR TELECOMMUNICATIONS ENCLOSURES DEPENDING ON ROOM USAGE / FOOTPRINT. PROVIDE DEVICES AS INDICATED ON ENLARGED PLANS.
3. PROVIDE CABLING AND RACEWAY AS REQUIRED TO CONNECT CABINET DOOR POSITION SWITCH TO BUILDING PHYSICAL ACCESS CONTROL SYSTEM.

Revisions:	Date:

CONSULTANT/ DISCIPLINE

DISCIPLINE:

ARCHITECT/ ENGINEER OF RECORD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TELECOMMUNICATIONS SCHEDULES

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: VA TEXAS KERRVILLE, 3600 MEMORIAL BLVD., KERRVILLE, TX 78028

Issue Date: 11/21/2025 | Checked: KG/SHM | Drawn: RTS/ONI

Project Number: 671A4-21-700

Building Number: -

Drawing Number: ET701

VA FORM 08 - 6231
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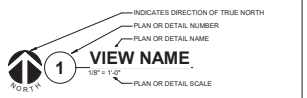
Autodesk Docs://671A4-21-700 VA/TX Kerrville EHRM/VA KERRVILLE - GENERAL SHEETS.rvt

VIEW KEY

NAME — LEVEL NAME
10'-0" — HEIGHT ABOVE PROJECT 0'-0"

1 — INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL



LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)
- NEW
- EXISTING TO BE REMOVED (SHORT DASHED PATTERN)
- NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN OR WORK BY OTHERS (NARROW LINE)
- EXISTING
- EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)
- EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

HALFTONING DOES NOT MODIFY SCOPE.

'TAG'-E — TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING

TAG-1 — UNDERLINED TAG INDICATES OBJECT IS IN-SCOPE. IF NEW, ADDITIONAL INFORMATION IS AVAILABLE IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST

INDICATES AN EXISTING SYSTEM'S POINT OF CONNECTION/REMOVAL

CONTRACTOR ABBREVIATION KEY

ABBR:	DESCRIPTION:
C.C.	CIVIL CONTRACTOR
C.M.	CONSTRUCTION MANAGER
E.C.	ELECTRICAL CONTRACTOR
G.C.	GENERAL CONTRACTOR
T.C.	TECHNOLOGY CONTRACTOR

TECHNOLOGY ABBREVIATION KEY

ABBR:	DESCRIPTION:
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BFC	BELOW FINISHED CEILING
C	CONDUIT
J-BOX	JUNCTION BOX
SIM	SIMILAR
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
+#	MOUNTING HEIGHT ABOVE FINISHED FLOOR
EF-#	ENTRANCE FACILITY
MC-#	MAIN CROSS-CONNECT
TR-#	TELECOMMUNICATIONS ROOM

TELECOM ROOM SCHEDULES

TR-TAG	BUILDING	FLOOR	ROOM NUMBERS
TR 1C1A(N)	BUILDING 01	LEVEL 01	1C1A
TR 109	BUILDING 02	LEVEL 01	109
DATA CENTER	BUILDING 11	LEVEL 00	019A
TR 0A	BUILDING 11	LEVEL 00	0A
TR 101A	BUILDING 11	LEVEL 01	101A
TR 201A	BUILDING 11	LEVEL 02	201A
TR 388	BUILDING 11	LEVEL 03	388
TR 486	BUILDING 11	LEVEL 04	486
TR 580	BUILDING 11	LEVEL 05	580
TR 601B	BUILDING 11	LEVEL 06	601B
TR 702	BUILDING 11	LEVEL 07	702
TR 111A	BUILDING 18	LEVEL 01	111A
TR 205C	BUILDING 29	LEVEL 02	205C
TR 103	BUILDING 46	LEVEL 01	103
TR 1B-134B	BUILDING 96	LEVEL 01	1B-134B
TR 2B-134B	BUILDING 96	LEVEL 02	2B-134B
Grand total: 16			

TECHNOLOGY SHEET INDEX

TN000	TECHNOLOGY COVERSHEET
TN100	SITE PLAN
01TN101	BUILDING 01 - LEVEL 01 - FLOOR PLAN
02TN101	BUILDING 02 - LEVEL 01 - FLOOR PLAN
11TN100	BUILDING 11 - LEVEL 00 - FLOOR PLAN
11TN101	BUILDING 11 - LEVEL 01 - FLOOR PLAN
11TN102	BUILDING 11 - LEVEL 02 - FLOOR PLAN
11TN103	BUILDING 11 - LEVEL 03 - FLOOR PLAN
11TN104	BUILDING 11 - LEVEL 04 - FLOOR PLAN
11TN105	BUILDING 11 - LEVEL 05 - FLOOR PLAN
11TN106	BUILDING 11 - LEVEL 06 - FLOOR PLAN
11TN107	BUILDING 11 - LEVEL 07 - FLOOR PLAN
18TN101	BUILDING 18 - LEVEL 01 - FLOOR PLAN
29TN101	BUILDING 29 - LEVEL 01 - FLOOR PLAN
29TN102	BUILDING 29 - LEVEL 02 - FLOOR PLAN
46TN101	BUILDING 46 - LEVEL 01 - FLOOR PLAN
96TN101	BUILDING 96 - LEVEL 01 - FLOOR PLAN
96TN102	BUILDING 96 - LEVEL 02 - FLOOR PLAN
TN501	TECHNOLOGY DETAILS
TN601	TECHNOLOGY DIAGRAMS
TN602	TECHNOLOGY DIAGRAMS
TN701	TECHNOLOGY SCHEDULES
GRAND TOTAL: 22	

TECHNOLOGY SYMBOL LIST

SYMBOL:	EQUIPMENT LIST ABBREV.:	DESCRIPTION:	NOTE:
WIDTH X HEIGHT		CABLE TRAY, CHANNEL TRAY, BASKET TRAY	
WIDTH X HEIGHT		LADDER RACK	
DIAMETER ø C		CONDUIT	
		CONDUIT DOWN	
		CONDUIT UP OR UP/DOWN	
		CONDUIT SLEEVE	
		CONTINUATION	

GENERAL NOTES:

1. ALL SYMBOLS AND ABBREVIATIONS LISTED MAY NOT BE APPLICABLE TO THIS PROJECT. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE FOR MORE COMPLETE DESCRIPTION AND ITEMS.
2. ALL SYMBOLS AND ABBREVIATIONS REFER TO TECHNOLOGY SHEETS ONLY AS DEFINED ON THE SHEET INDEX. REFER TO THE GENERAL TECHNOLOGY NOTES FOR ADDITIONAL INFORMATION.
3. ALL SYMBOLS LISTED ABOVE ARE FOR REFERENCE ONLY. REFER TO PLANS AND LINE TYPE KEY FOR NEW, EXISTING TO REMAIN AND TO BE REMOVED ITEMS FOR ADDITIONAL INFORMATION.
4. REFER TO RISERS ON SHEET(S): T601, T602.
5. REFER TO LINE TYPE KEY FOR NEW, EXISTING TO REMAIN, OR DEMO LINE TYPE.

TECHNOLOGY INSTALLATION NOTES:

1. CONCEAL ALL CONDUIT IN WALLS, PARTITIONS, ABOVE CEILING, IN FLOOR SLAB, ETC. UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT IN MECHANICAL ROOMS AND STORAGE ROOMS WITHOUT CEILINGS MAY BE EXPOSED ON BUILDING STRUCTURE.
2. TELECOMMUNICATIONS EQUIPMENT SHALL BE MOUNTED TO ALLOW ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF TELECOMMUNICATION DEVICES ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
4. ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS.
5. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF THE CEILINGS, CEILING TILES, AND CEILING GRID ASSOCIATED WITH THE AREAS OF WORK BY ALL CONTRACTORS.

TECHNOLOGY CABLING PLAN

1. ALL NETWORK FIBER OPTIC CABLING SHOWN ON THESE PLANS IS INTENDED TO BE REPLACED WITH NEW CABLING IN ALL AREAS WITHIN THE SCOPE OF WORK ON THIS PROJECT. THIS TECHNOLOGY CABLING PLAN IS A RECOMMENDATION ON THE PHASING AND INSTALLATION. ANY CHANGES TO THIS SCOPE WILL BE COORDINATED WITH THE VA RESIDENT ENGINEER AND ENGINEER OF RECORD PRIOR TO INSTALLATION.
2. PRIOR TO THE START OF ANY DEMOLITION AND INSTALLATION OF ANY CABLING AT EACH TELECOM ROOM, THE CONTRACTOR SHALL COORDINATE A PLAN WITH THE LOCAL VA RESIDENT ENGINEER AND ENGINEER OF RECORD. THIS WILL INCLUDE ANY SCHEDULED DOWNTIME REQUIRED FOR EACH LOCATION.
3. NEW PATHWAY WILL BE INSTALLED IN THE INTERSTITIAL SPACE AND OTHER SPACES AS DEFINED ON THE PROJECT DRAWINGS AND SPECIFICATIONS.
   A. CABLING WILL BE ROUTED FROM THE SERVING ROOM AS DEFINED ON THE PROJECT DRAWINGS.
   B. ALL NEW CABLING WILL TERMINATE ON NEW FIBER PATCH PANELS.
   C. ALL NEW CABLING WILL ROUTE IN CABLE TRAY OR CONDUIT AS DEFINED BY THE PATH SHOWN ON THE DRAWINGS. ANY CHANGES TO THIS PATH WILL REQUIRE THAT THE CONTRACTOR PROVIDE A NEW PLAN TO THE VA RESIDENT ENGINEER AND EOR TO BE APPROVED PRIOR TO INSTALLATION.

Revisions:	Date:

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Bicsi
Building Industry Consulting Service International
Certified Technology Specialist
Bill Kelly

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TECHNOLOGY COVERSHEET

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208

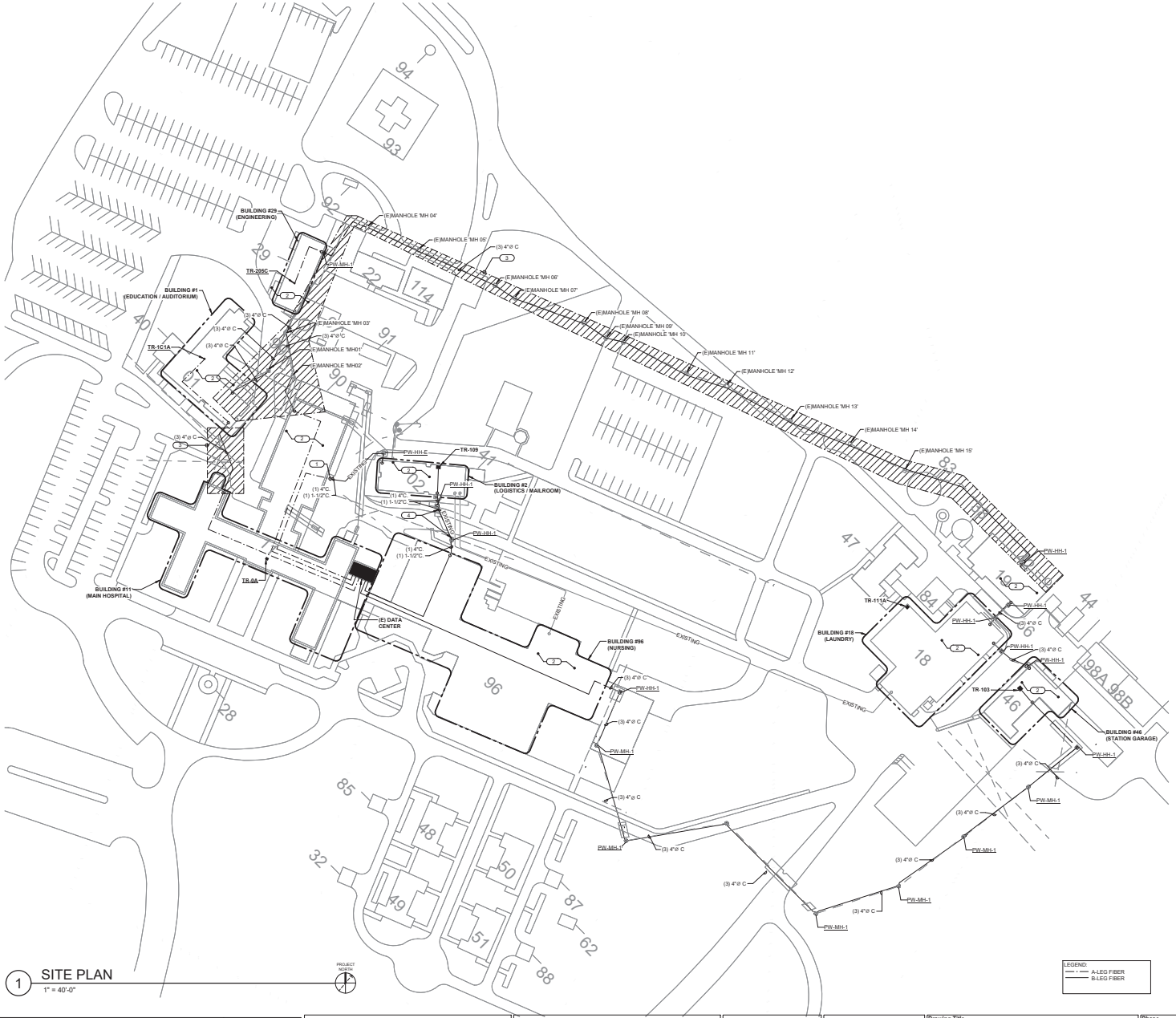
Issue Date: 11/21/2025 | Checked: Checker | Drawn: Author

Project Number: 671A4-21-700

Building Number: GS

Drawing Number: TN000

VA FORM 08 - 6231



1 SITE PLAN
1" = 40'-0"

GENERAL NOTES:

1. MAINTAIN MINIMUM 12" SPACING BETWEEN FIBER AND POWER DUCT.
2. PROVIDE HIGH-DENSITY POLYETHYLENE INNERDUCT (HDPE) WITHIN EACH CONDUIT.
3. REFER TO CIVIL PLANS FOR EXISTING CONDITIONS AND ADDITIONAL INFORMATION.
4. ALL CAMPUS BACKBONE FIBER OPTIC CABLING THAT IS ROUTED UNDERGROUND, IN CONDUIT SHALL BE INSTALLED IN CONCRETE ENCASED DUCT BANKS UNLESS ROUTED IN CRAWL SPACES OR TUNNELS.

KEYNOTES: (#)

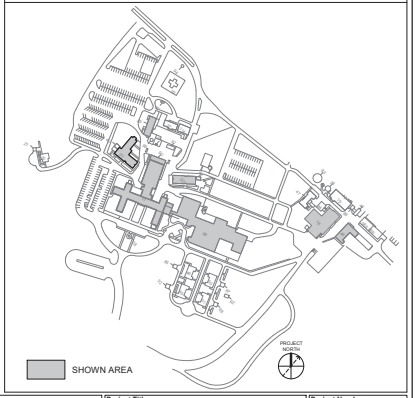
1. INTERCEPT EXISTING CONDUITS ABOVE GRADE. SURFACE MOUNT CONDUIT TO ASPHALT. ROUTE NEW CONDUIT UNDER MECHANICAL EQUIPMENT AND STUB INTO BUILDING 90 THROUGH FOUNDATION AND INTO CRAWL SPACE. MATCH EXISTING CONDUIT SIZES FROM EXTERIOR TO INTERIOR.
2. PROVIDE (3) 4" CONDUITS WITH HDPE INNER DUCT. ROUTE THROUGH CRAWL SPACE BELOW. STUB CONDUIT TO EXTERIOR BUILDING AT NEAREST HANDHOLE AND TO DESIGNATED AREA IN BUILDING. SEE BUILDING FLOOR PLANS FOR PROPOSED STUB UP LOCATION.
3. HATCH INDICATES TUNNEL AREA. PROVIDE (3) 4" CONDUITS WITH HDPE INNER DUCT. SECURE CONDUIT TO TUNNEL CEILING OR WALL IN THIS AREA. REFER TO DETAILS ON SHEET TN501. FIELD VERIFY EXACT LOCATION FOR INSTALLATION.
4. INTERCEPT EXISTING CONDUIT AND EXTEND NEW CONDUIT TO DESIGNATED AREA IN BUILDING. PROVIDE HDPE INNERDUCT. TRENCHING BELOW EXISTING ASPHALT IS REQUIRED. PROTECT ASPHALT AS MUCH AS POSSIBLE.

TUNNEL AREA

A-LEG FIBER PATH

B-LEG FIBER PATH

KEY PLAN



Revisions:	Date:

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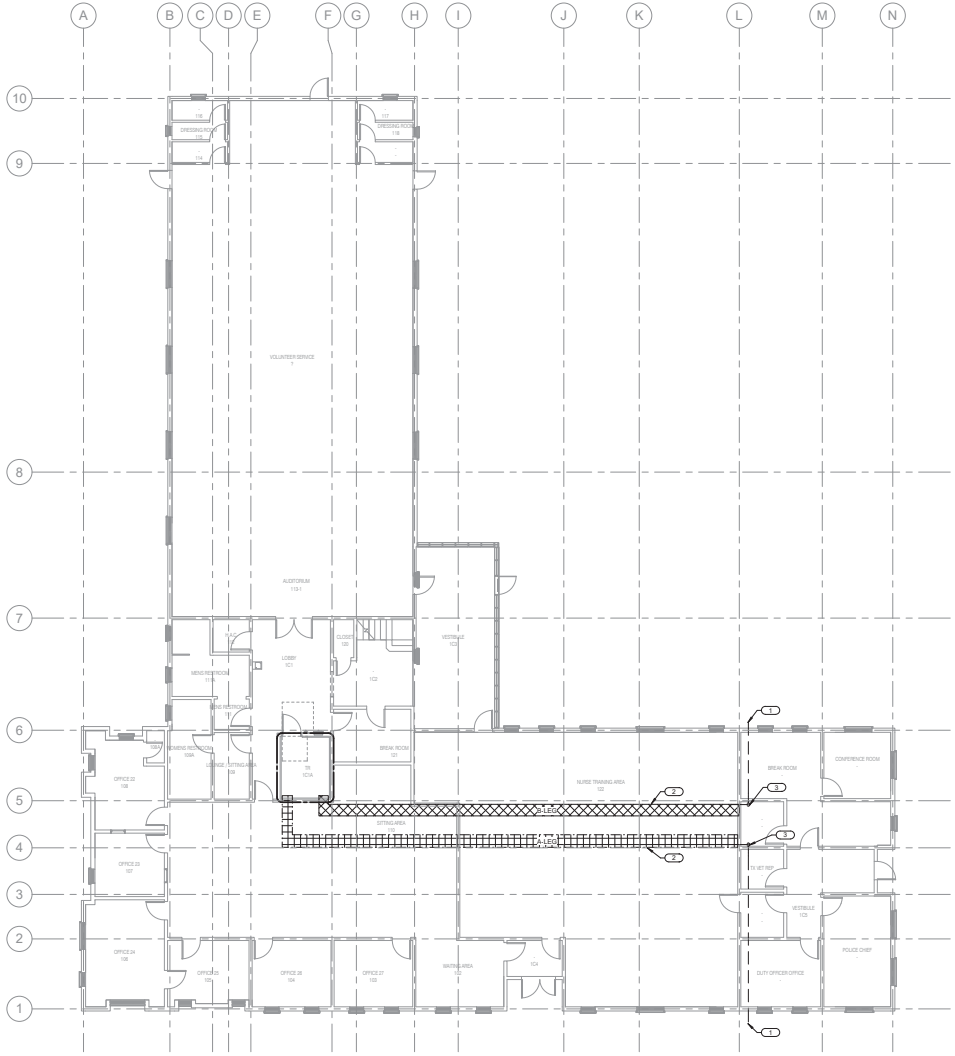
VA U.S. Department of Veterans Affairs

Drawing Title: SITE PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: GS
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208	Drawing Number: TN100
		Issue Date: 11/21/2025 · Checked: Checker · Drawn: Author	319 of 339

VA FORM 08 - 6231



1 BUILDING 01 - LEVEL 01 - FIBER PLAN

1/8" = 1'-0"

PLAN NORTH

GENERAL NOTES:

1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATINATION REQUIREMENTS.

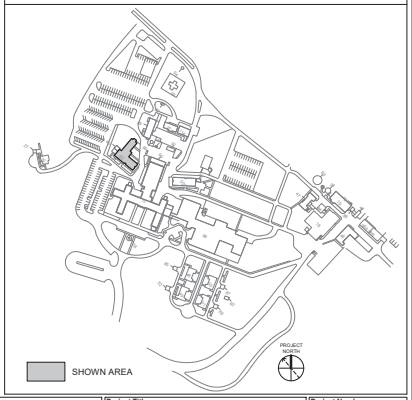
KEYNOTES: 9

1. PROVIDE (3) 4" CONDUITS WITH HDPE INNER DUCT. ROUTE THROUGH CRAWL SPACE BELOW. STUB CONDUIT TO EXTERIOR BUILDING AT NEAREST HANDHOLE. SEE FIBER SITE PLAN FOR ADDITIONAL INFORMATION.
2. PROVIDE 2" CONDUITS ABOVE ACCESSIBLE CEILING IN HATCHED AREA TO ACCOMMODATE FIBER BACKBONE CABLING. CONDUITS NOT TO EXCEED 40% FILL. COORDINATE FINAL LOCATION WITH OTHER TRADES.
3. PROPOSED CONDUIT STUB UP LOCATION. COORDINATE WITH IN-FIELD CONDITIONS AND OTHER TRADES FOR EXACT TERMINATION LOCATION.

A-LEG FIBER PATH

B-LEG FIBER PATH

KEY PLAN



SHOWN AREA

Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BUILDING 01 - LEVEL 01 - FLOOR PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
			Building Number: 01
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208	Drawing Number: 01TN101
		Issue Date: 11/21/2025 · Checked: Checker · Drawn: Author	320 of 339

VA FORM 08 - 6231

GENERAL NOTES:

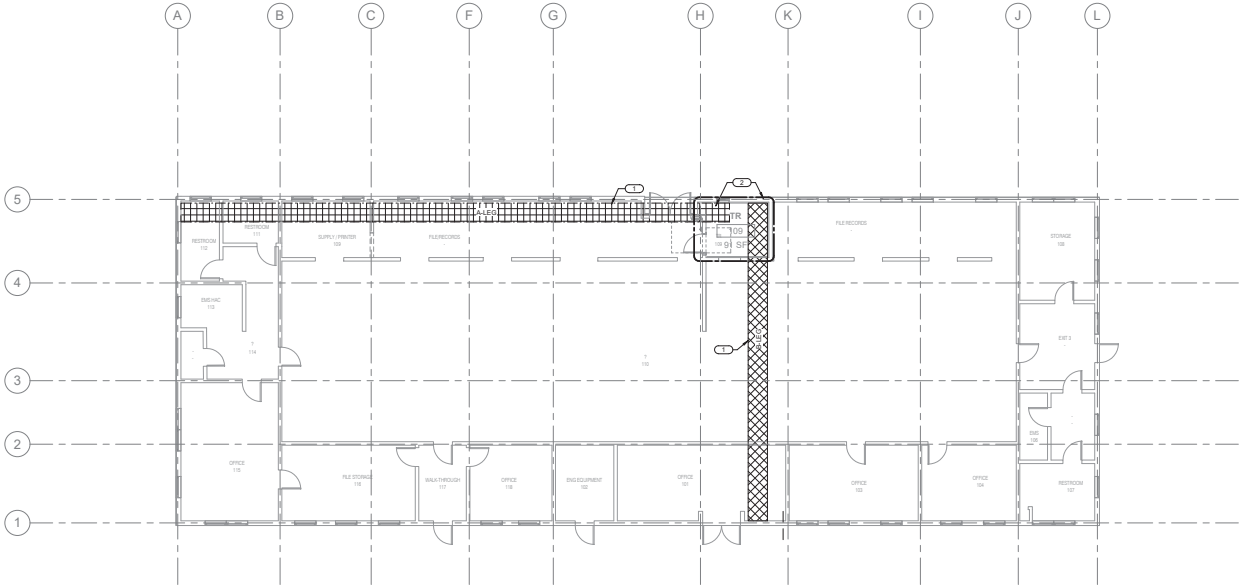
1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATINATION REQUIREMENTS.

KEYNOTES: (#)

1. PROVIDE (3) 4" CONDUITS WITH HDPE INNER DUCT. ROUTE THROUGH CRAWL SPACE BELOW. STUB CONDUIT TO EXTERIOR BUILDING AT NEAREST HANDHOLE. SEE FIBER SITE PLAN FOR ADDITIONAL INFORMATION.
2. PROPOSED CONDUIT STUB UP LOCATION. COORDINATE WITH IN-FIELD CONDITIONS AND OTHER TRADES FOR EXACT TERMINATION LOCATION.

A-LEG FIBER PATH

B-LEG FIBER PATH

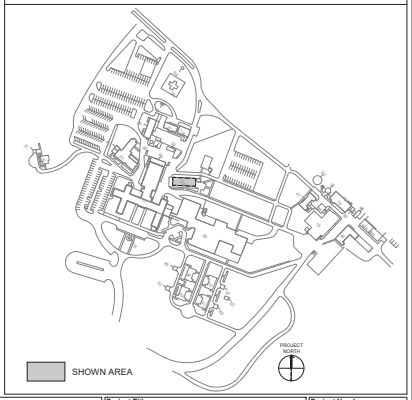


1 BUILDING 02 - LEVEL 01 - FLOOR PLAN

1/8" = 1'-0"

PLAN NORTH

KEY PLAN



SHOWN AREA

Revisions:	Date:

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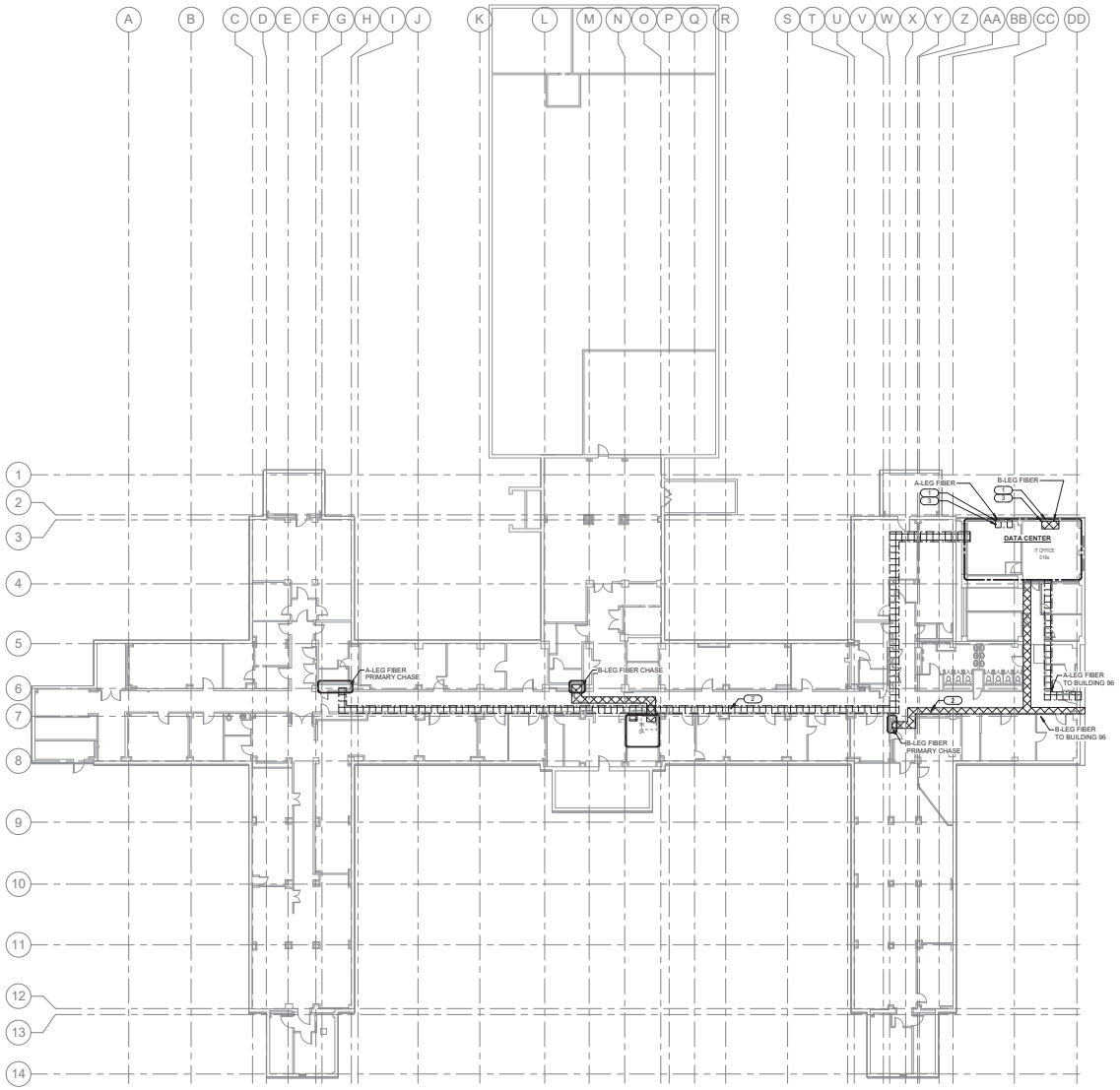
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BUILDING 02 - LEVEL 01 - FLOOR PLAN	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
			Building Number: 02
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208	Drawing Number: 02TN101
		Issue Date: 11/21/2025 · Checked: Checker · Drawn: Author	321 of 339

VA FORM 08 - 6231



1 BUILDING 11 - LEVEL 00 - FLOOR PLAN

1/16" = 1'-0"

GENERAL NOTES:

1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATINATION REQUIREMENTS.

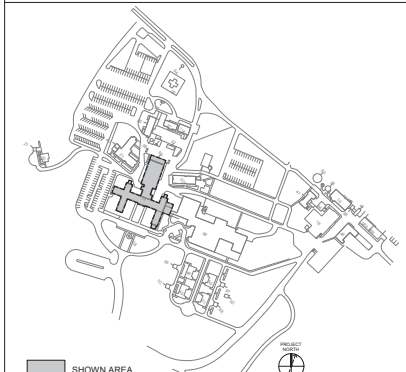
KEYNOTES: (#)

1. PROVIDE (3) 4" CONDUITS WITH HDPE INNER DUCT. ROUTE THROUGH CRAWL SPACE BELOW. STUB CONDUIT TO EXTERIOR BUILDING AT NEAREST HANDHOLE. SEE FIBER SITE PLAN FOR ADDITIONAL INFORMATION.
2. PROVIDE 2" CONDUITS ABOVE ACCESSIBLE CEILING IN HATCHED AREA TO ACCOMMODATE FIBER BACKBONE CABLING. CONDUITS NOT TO EXCEED 40% FILL. COORDINATE FINAL LOCATION WITH OTHER TRADES.
3. PROPOSED CONDUIT STUB UP LOCATION. COORDINATE WITH IN-FIELD CONDITIONS AND OTHER TRADES FOR EXACT TERMINATION LOCATION.

A-LEG FIBER PATH

B-LEG FIBER PATH

KEY PLAN



SHOWN AREA

Revisions:	Date:

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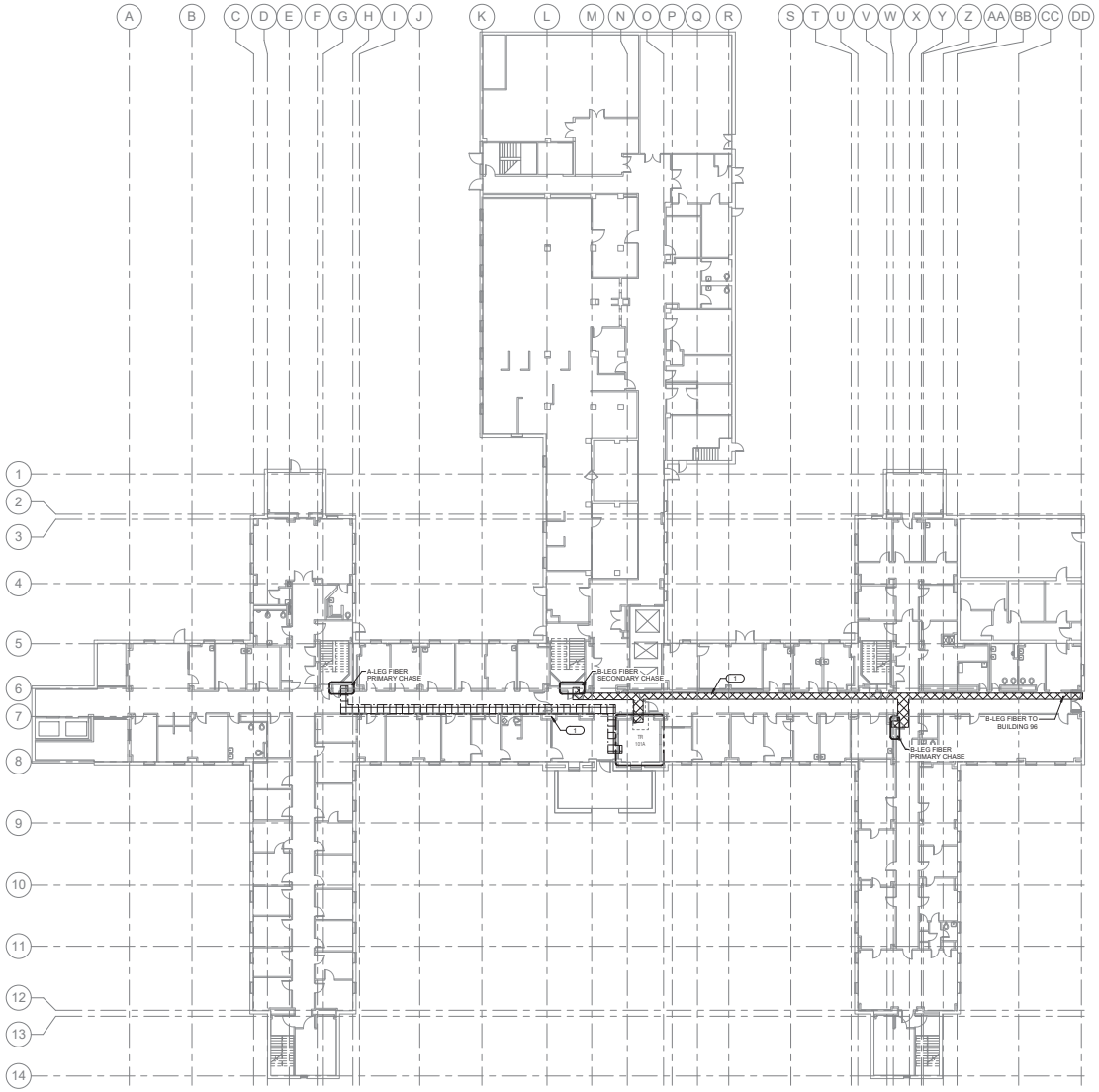
Drawing Title: BUILDING 11 - LEVEL 00 - FLOOR PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208	Drawing Number: 11TN100
		Issue Date: 11/21/2025 · Checked: Checker · Drawn: Author	322 of 339

VA FORM 08 - 6231



1 **BUILDING 11 - LEVEL 01 - FLOOR PLAN**
1/16" = 1'-0"

GENERAL NOTES:

1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATINATION REQUIREMENTS.

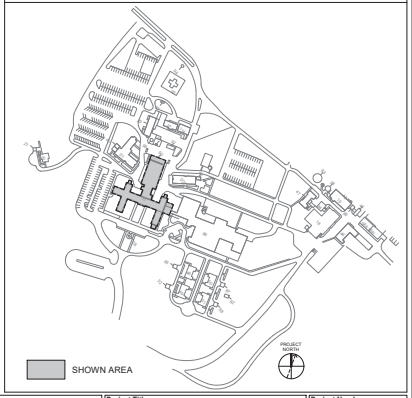
KEYNOTES: 9

1. PROVIDE 2" CONDUITS ABOVE ACCESSIBLE CEILING IN HATCHED AREA TO ACCOMMODATE FIBER BACKBONE CABLING. CONDUITS NOT TO EXCEED 40% FILL. COORDINATE FINAL LOCATION WITH OTHER TRADES.

A-LEG FIBER PATH

B-LEG FIBER PATH

KEY PLAN



Revisions:	Date:

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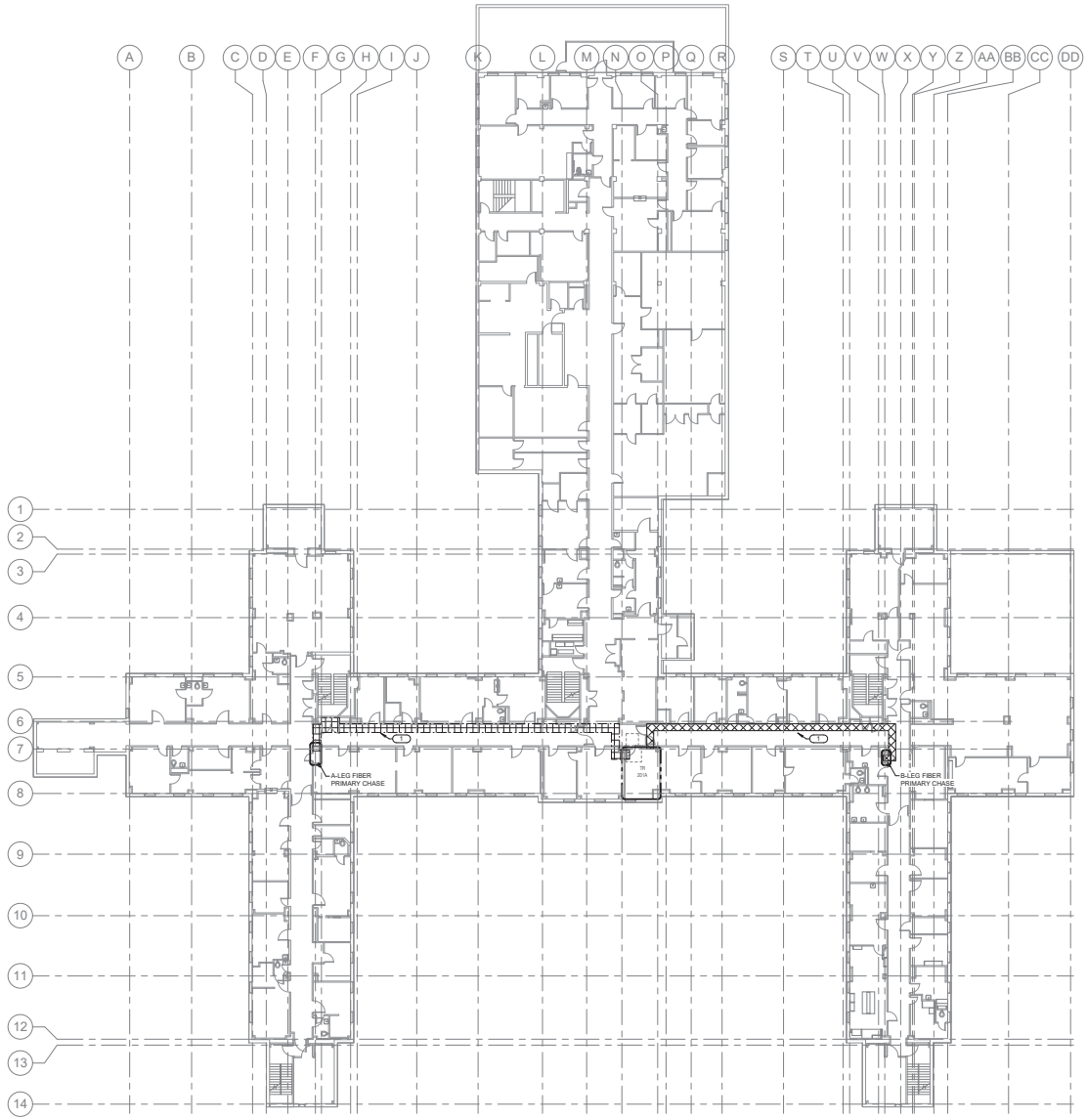
Drawing Title: BUILDING 11 - LEVEL 01 - FLOOR PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: Checker
Drawn: Author
Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11TN101

VA FORM 08 - 6231



1 **BUILDING 11 - LEVEL 02 - FLOOR PLAN**
1/16" = 1'-0"

GENERAL NOTES:

1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATINATION REQUIREMENTS.

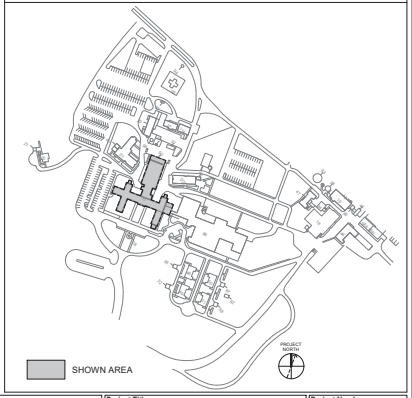
KEYNOTES: 9

1. PROVIDE 2" CONDUITS ABOVE ACCESSIBLE CEILING IN HATCHED AREA TO ACCOMMODATE FIBER BACKBONE CABLING. CONDUITS NOT TO EXCEED 40% FILL. COORDINATE FINAL LOCATION WITH OTHER TRADES.

A-LEG FIBER PATH

B-LEG FIBER PATH

KEY PLAN



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Building Industry Consulting Service International
CONTRACTOR ID: 31 - 00 - 000

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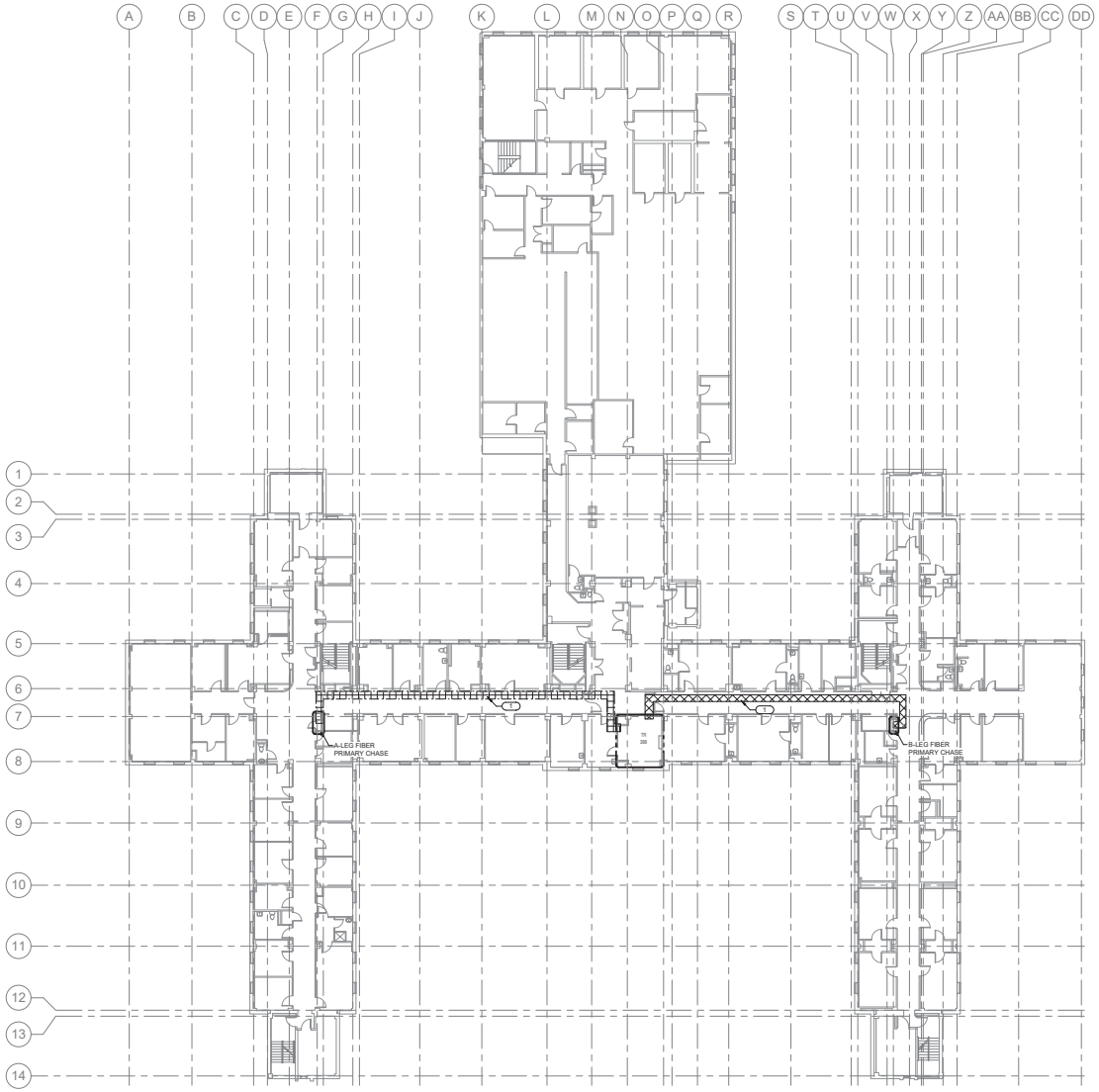
Drawing Title: BUILDING 11 - LEVEL 02 - FLOOR PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208	Drawing Number: 11TN102
		Issue Date: 11/21/2025 · Checked: Checker · Drawn: Author	324 of 339

VA FORM 08 - 6231



1 **BUILDING 11 - LEVEL 03 - FLOOR PLAN**
1/16" = 1'-0"

GENERAL NOTES:

1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATNATION REQUIREMENTS.

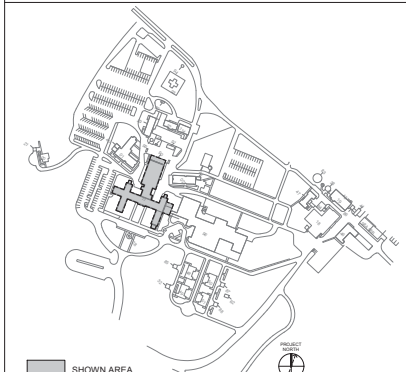
KEYNOTES: 9

1. PROVIDE 2" CONDUITS ABOVE ACCESSIBLE CEILING IN HATCHED AREA TO ACCOMMODATE FIBER BACKBONE CABLING. CONDUITS NOT TO EXCEED 40% FILL. COORDINATE FINAL LOCATION WITH OTHER TRADES.

A-LEG FIBER PATH

B-LEG FIBER PATH

KEY PLAN



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Drawing Title: BUILDING 11 - LEVEL 03 - FLOOR PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: Checker
Drawn: Author
Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11TN103

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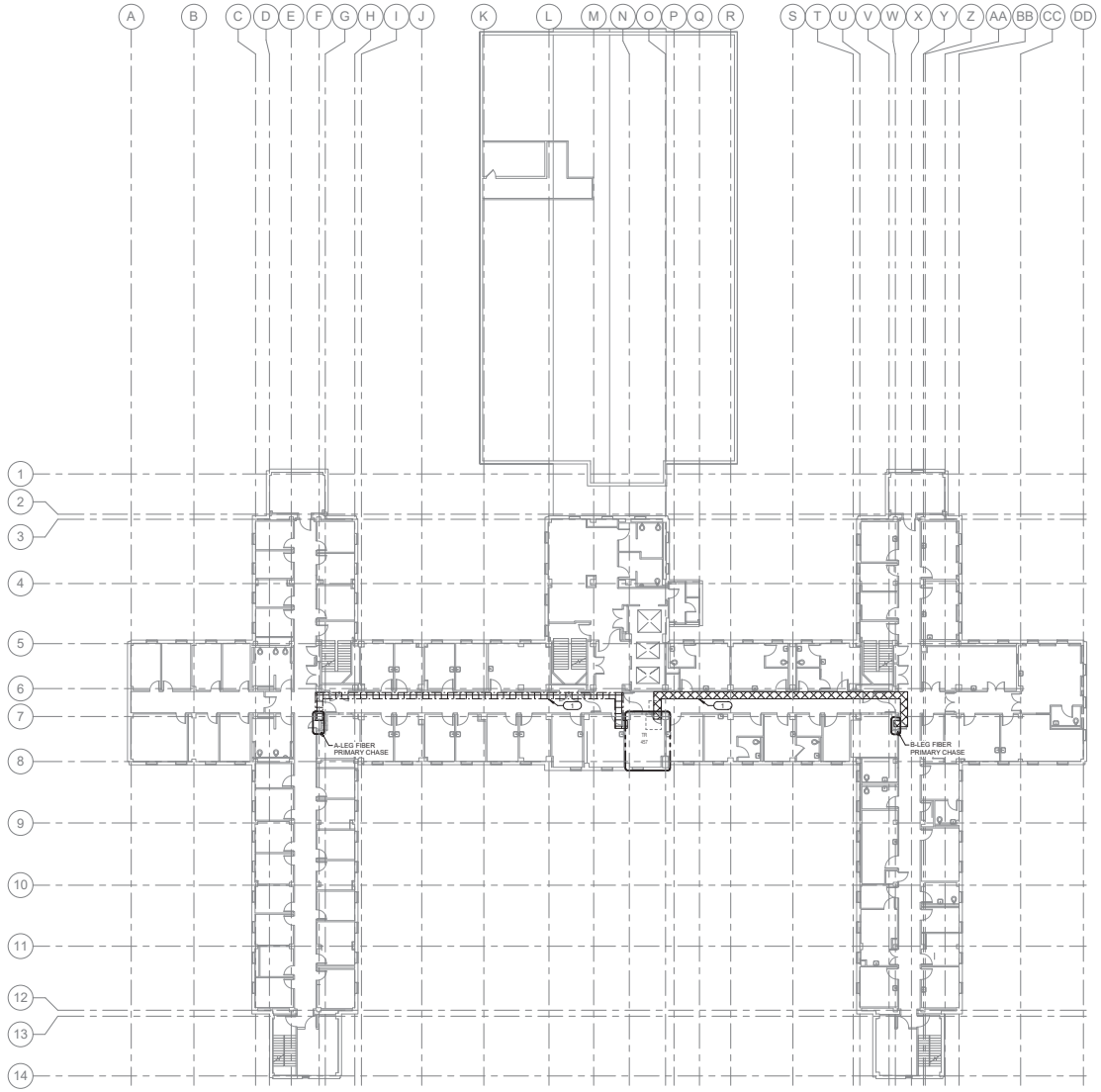


1 **BUILDING 11 - LEVEL 04 - FLOOR PLAN**
1/16" = 1'-0"

GENERAL NOTES:

1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATINATION REQUIREMENTS.

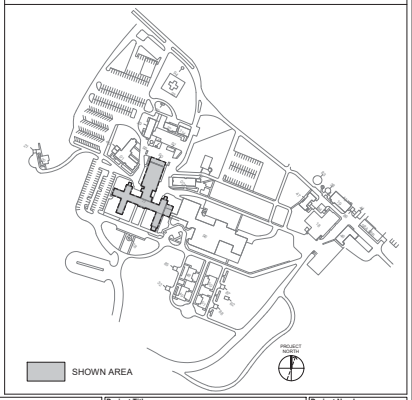
KEYNOTES: 9

1. PROVIDE 2" CONDUITS ABOVE ACCESSIBLE CEILING IN HATCHED AREA TO ACCOMMODATE FIBER BACKBONE CABLING. CONDUITS NOT TO EXCEED 40% FILL. COORDINATE FINAL LOCATION WITH OTHER TRADES.

A-LEG FIBER PATH

B-LEG FIBER PATH

KEY PLAN



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Drawing Title: BUILDING 11 - LEVEL 04 - FLOOR PLAN
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Phase: 100% CONSTRUCTION DOCUMENTS
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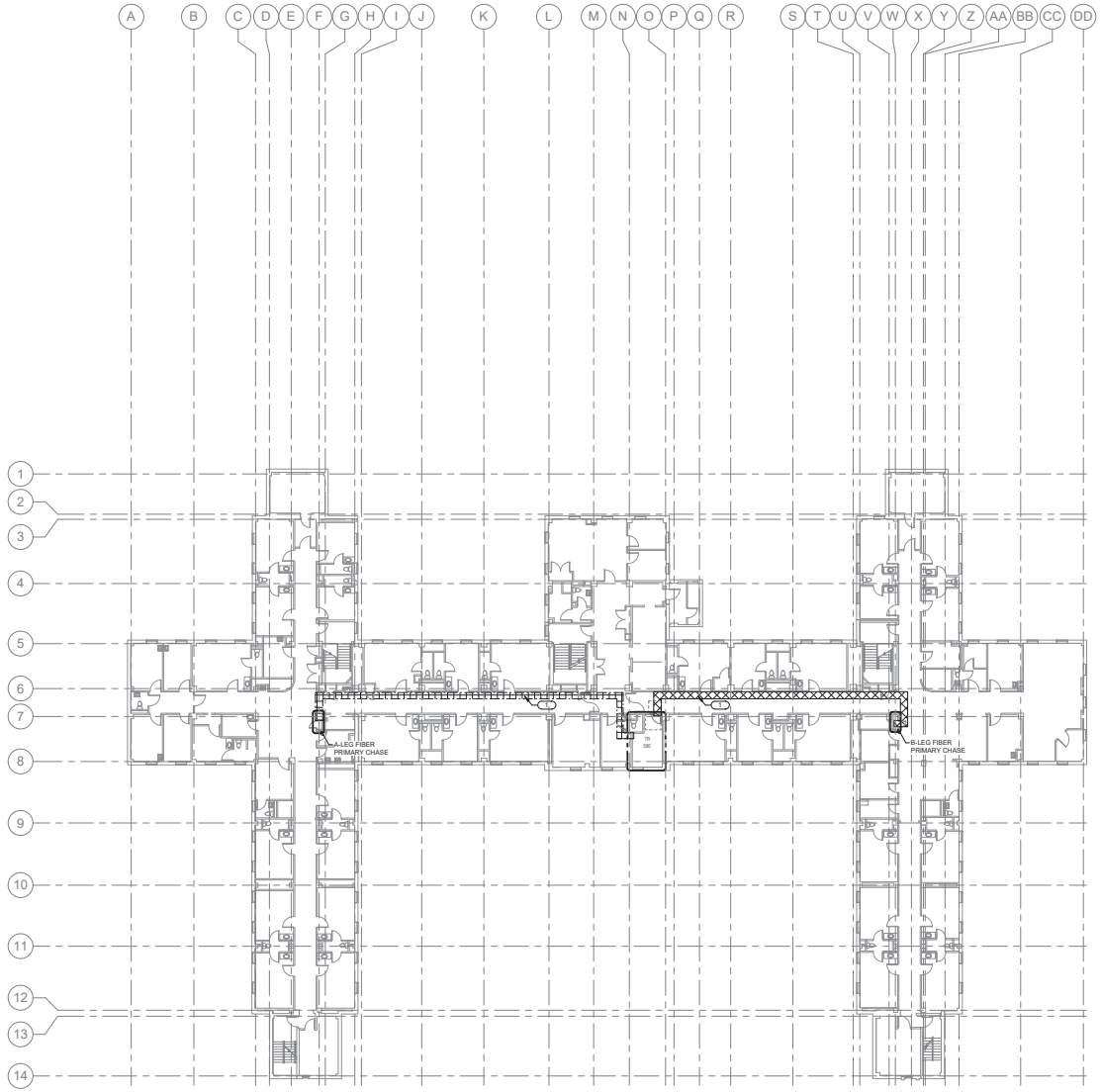
Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: Checker
Drawn: Author
Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11TN104

VA FORM 08 - 6231



1 **BUILDING 11 - LEVEL 05 - FLOOR PLAN**
1/16" = 1'-0"

GENERAL NOTES:

1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATINATION REQUIREMENTS.

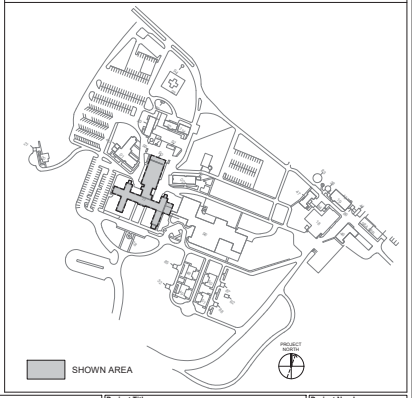
KEYNOTES: 9

1. PROVIDE 2" CONDUITS ABOVE ACCESSIBLE CEILING IN HATCHED AREA TO ACCOMMODATE FIBER BACKBONE CABLING. CONDUITS NOT TO EXCEED 40% FILL. COORDINATE FINAL LOCATION WITH OTHER TRADES.

A-LEG FIBER PATH

B-LEG FIBER PATH

KEY PLAN



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Drawing Title: BUILDING 11 - LEVEL 05 - FLOOR PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 11
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208	Drawing Number: 11TN105
		Issue Date: 11/21/2025 · Checked: Checker · Drawn: Author	327 of 339

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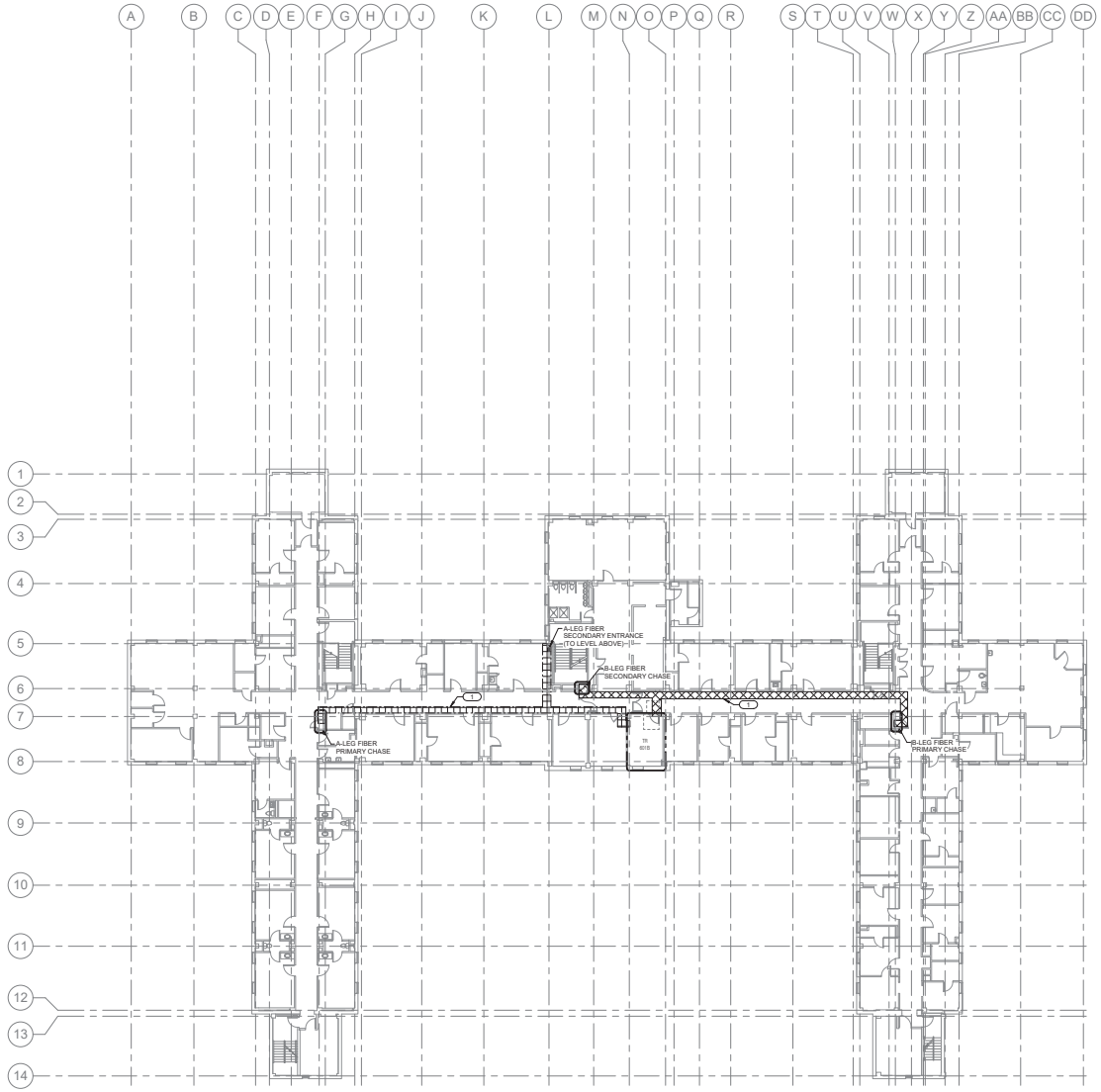


1 BUILDING 11 - LEVEL 06 - FLOOR PLAN

1/16" = 1'-0"

GENERAL NOTES:

1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATNATION REQUIREMENTS.

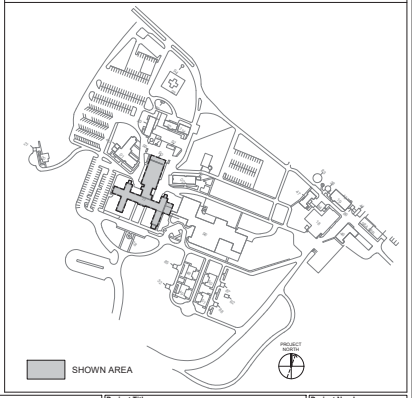
KEYNOTES: 2

1. PROVIDE 2" CONDUITS ABOVE ACCESSIBLE CEILING IN HATCHED AREA TO ACCOMMODATE FIBER BACKBONE CABLING. CONDUITS NOT TO EXCEED 40% FILL. COORDINATE FINAL LOCATION WITH OTHER TRADES.

A-LEG FIBER PATH

B-LEG FIBER PATH

KEY PLAN



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Drawing Title: BUILDING 11 - LEVEL 06 - FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208

Issue Date: 11/21/2025

Checked: Checker

Drawn: Author

Project Number: 671A4-21-700

Building Number: 11

Drawing Number: 11TN106

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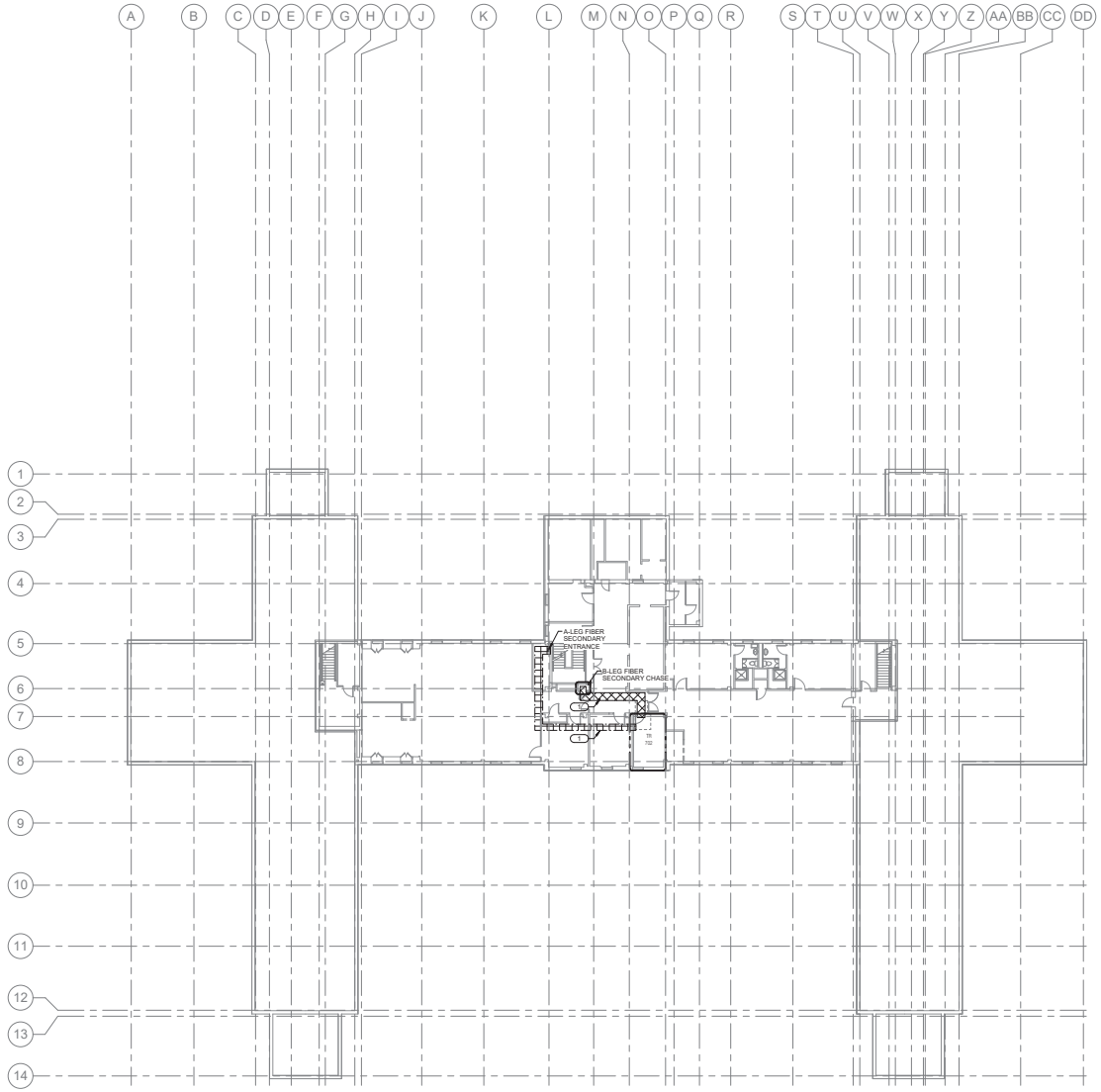


1 **BUILDING 11 - LEVEL 07 - FLOOR PLAN**
1/16" = 1'-0"

GENERAL NOTES:

1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATNATION REQUIREMENTS.

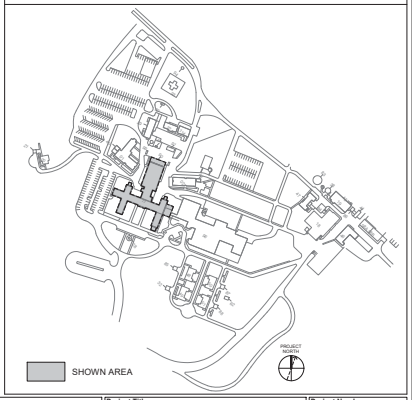
KEYNOTES: 7

1. PROVIDE 2" CONDUITS ABOVE ACCESSIBLE CEILING IN HATCHED AREA TO ACCOMMODATE FIBER BACKBONE CABLING. CONDUITS NOT TO EXCEED 40% FILL. COORDINATE FINAL LOCATION WITH OTHER TRADES.

A-LEG FIBER PATH

B-LEG FIBER PATH

KEY PLAN



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Drawing Title: BUILDING 11 - LEVEL 07 - FLOOR PLAN
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Phase: 100% CONSTRUCTION DOCUMENTS
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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: Checker
Drawn: Author
Project Number: 671A4-21-700
Building Number: 11
Drawing Number: 11TN107

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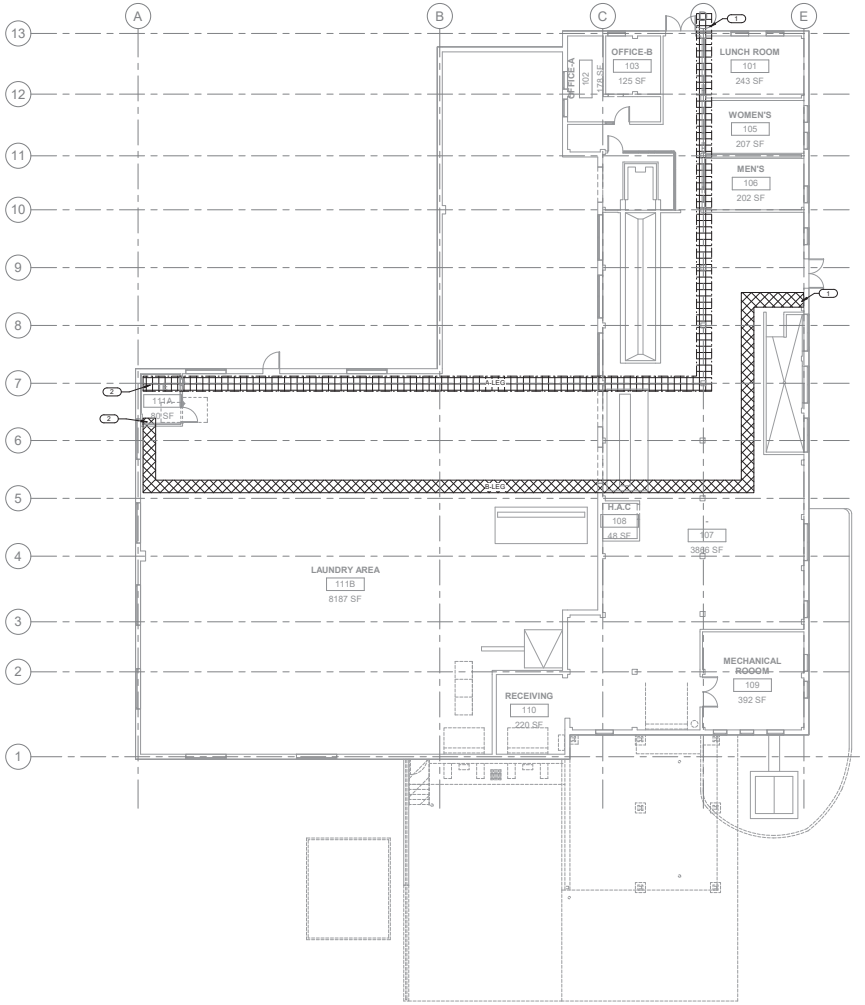


1 **BUILDING 18 - LEVEL 01 - FLOOR PLAN**
1" = 10'-0"

GENERAL NOTES:

1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATINATION REQUIREMENTS.

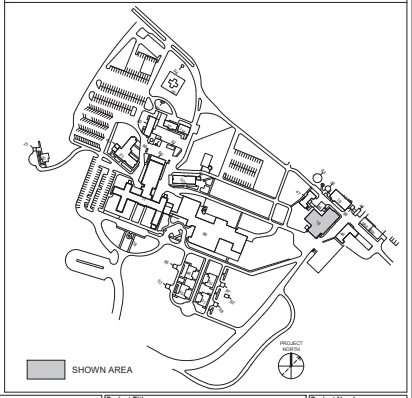
KEYNOTES: 2

1. PROVIDE (3) 4" CONDUITS WITH HDPE INNER DUCT. ROUTE THROUGH CRAWL SPACE BELOW. STUB CONDUIT TO EXTERIOR BUILDING AT NEAREST HANDHOLE. SEE FIBER SITE PLAN FOR ADDITIONAL INFORMATION.
2. PROPOSED CONDUIT STUB UP LOCATION. COORDINATE WITH IN-FIELD CONDITIONS AND OTHER TRADES FOR EXACT TERMINATION LOCATION.

A-LEG FIBER PATH

B-LEG FIBER PATH

KEY PLAN



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Drawing Title: BUILDING 18 - LEVEL 01 - FLOOR PLAN
Approved:
Phase: 100% CONSTRUCTION DOCUMENTS
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Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date: 11/21/2025
Checked: Checker
Drawn: Author
Project Number: 671A4-21-700
Building Number: 18
Drawing Number: 18TN101
330 of 339

VA FORM 08 - 6231

GENERAL NOTES:

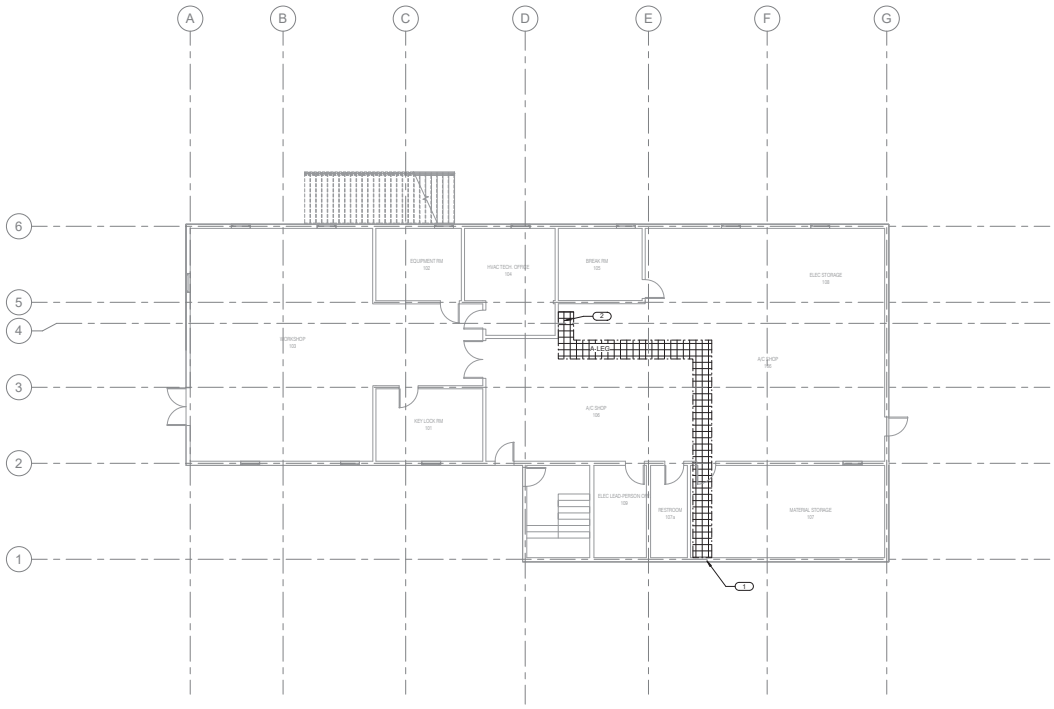
1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATINATION REQUIREMENTS.

KEYNOTES: 2

1. PROVIDE (3) 4" CONDUITS WITH HDPE INNER DUCT. ROUTE THROUGH CRAWL SPACE BELOW. STUB CONDUIT TO EXTERIOR BUILDING AT NEAREST HANDHOLE. SEE FIBER SITE PLAN FOR ADDITIONAL INFORMATION.
2. PROPOSED CONDUIT STUB UP LOCATION. COORDINATE WITH IN-FIELD CONDITIONS AND OTHER TRADES FOR EXACT TERMINATION LOCATION.

A-LEG FIBER PATH

B-LEG FIBER PATH

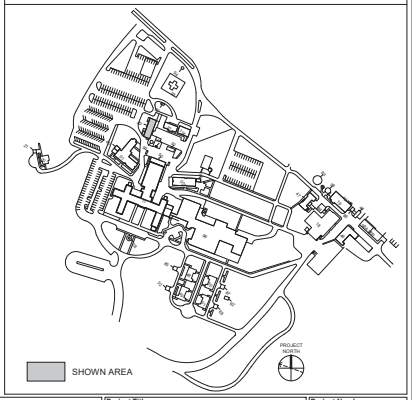


1 BUILDING 29 - LEVEL 01 - FLOOR PLAN

1/8" = 1'-0"

PLAN NORTH

KEY PLAN



SHOWN AREA

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Drawing Title: BUILDING 29 - LEVEL 01 - FLOOR PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 29
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208	Drawing Number: 29TN101
		Issue Date: 11/21/2025 · Checked: Checker · Drawn: Author	331 of 339

VA FORM 08 - 6231

GENERAL NOTES:

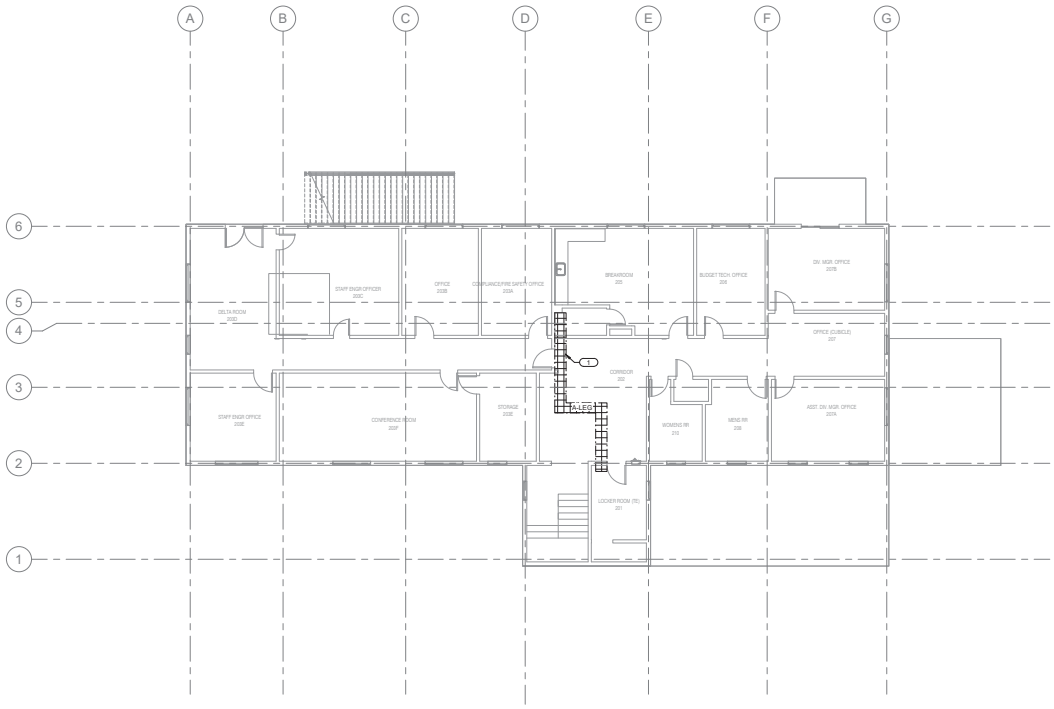
1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATNATION REQUIREMENTS.

KEYNOTES: 1

1. PROVIDE (3) 4" CONDUITS WITH HDPE INNER DUCTABOVE ACCESSIBLE CEILING IN HATCHED AREA TO ACCOMMODATE FIBER BACKBONE CABLING. CONDUITS NOT TO EXCEED 40% FILL. COORDINATE FINAL LOCATION WITH OTHER TRADES.

A-LEG FIBER PATH

B-LEG FIBER PATH

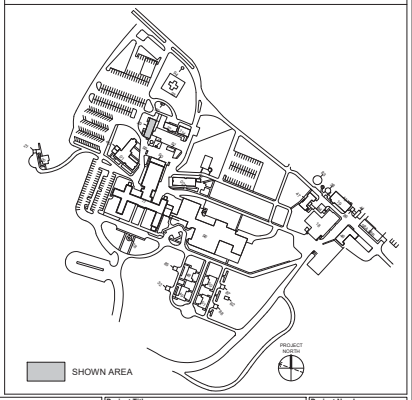


1 BUILDING 29 - LEVEL 02 - FLOOR PLAN

1/8" = 1'-0"

PLAN NORTH

KEY PLAN



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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 29 - LEVEL 02 - FLOOR PLAN

Approved:

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208

Issue Date: 11/21/2025

Checked: Checker

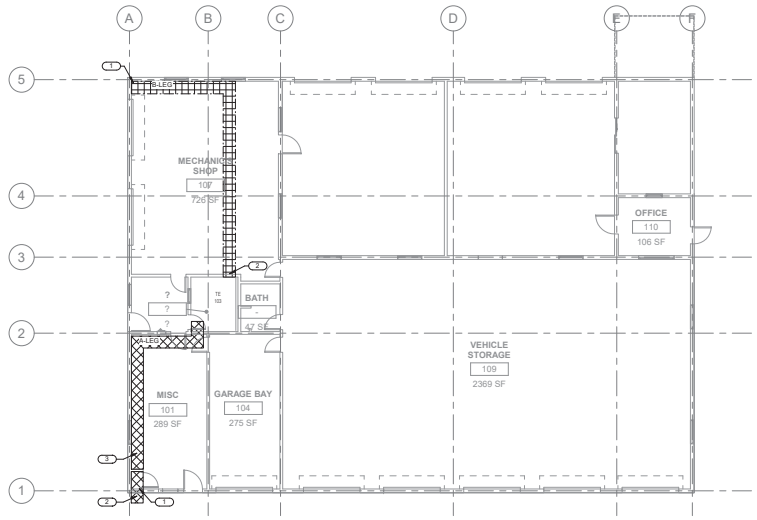
Drawn: Author

Project Number: 671A4-21-700

Building Number: 29

Drawing Number: 29TN102

VA FORM 08 - 6231



1 BUILDING 46 - LEVEL 01 - FLOOR PLAN

1/8" = 1'-0"

PLAN NORTH

0' 8' 16' 32'

GENERAL NOTES:

1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATNATION REQUIREMENTS.

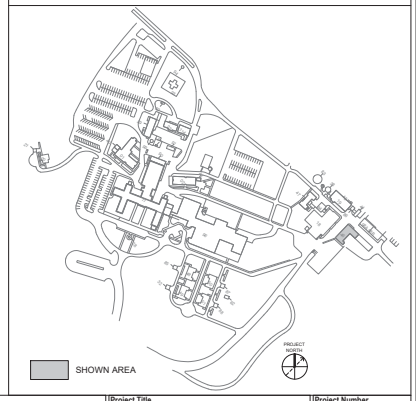
KEYNOTES: 2

1. PROVIDE (3) 4" CONDUITS WITH HDPE INNER DUCT. ROUTE THROUGH CRAWL SPACE BELOW. STUB CONDUIT TO EXTERIOR BUILDING AT NEAREST HANDHOLE. SEE FIBER SITE PLAN FOR ADDITIONAL INFORMATION.
2. PROPOSED CONDUIT STUB UP LOCATION. COORDINATE WITH IN-FIELD CONDITIONS AND OTHER TRADES FOR EXACT TERMINATION LOCATION.
3. PROVIDE (3) 4" CONDUITS WITH HDPE INNER DUCTABOVE ACCESSIBLE CEILING IN HATCHED AREA TO ACCOMMODATE FIBER BACKBONE CABLING. CONDUITS NOT TO EXCEED 40% FILL. COORDINATE FINAL LOCATION WITH OTHER TRADES.

A-LEG FIBER PATH

B-LEG FIBER PATH

KEY PLAN



Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Approved:

Drawing Title: BUILDING 46 - LEVEL 01 - FLOOR PLAN

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208

Issue Date: 11/21/2025

Checked: Checker

Drawn: Author

Project Number: 671A4-21-700

Building Number: 46

Drawing Number: 46TN101

333 of 339

VA FORM 08 - 6231

GENERAL NOTES:

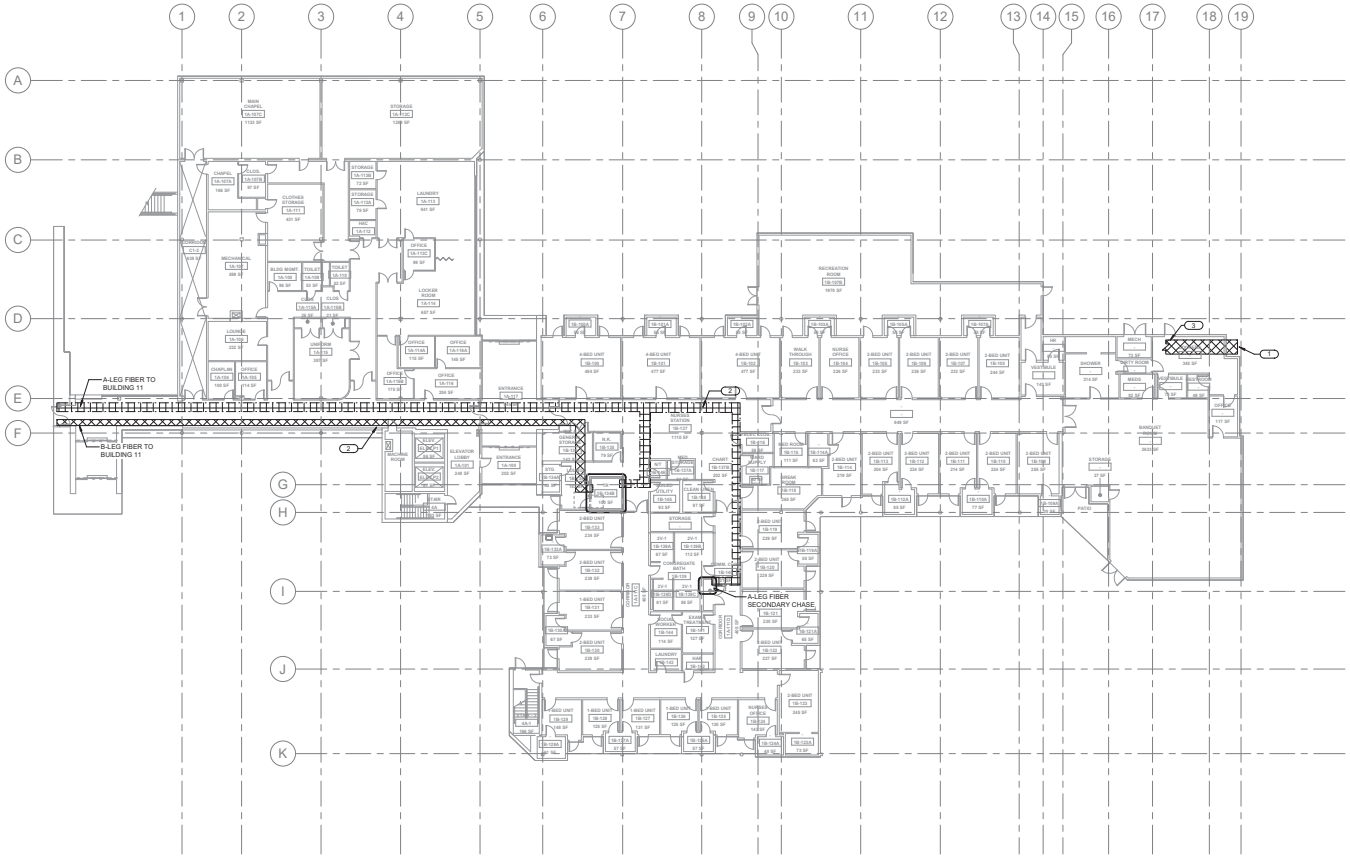
1. REFER TO "ET"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATINATION REQUIREMENTS.

KEYNOTES: 2

1. PROVIDE (3) 4" CONDUITS WITH HDPE INNER DUCT. ROUTE THROUGH CRAWL SPACE BELOW. STUB CONDUIT TO EXTERIOR BUILDING AT NEAREST HANDHOLE. SEE FIBER SITE PLAN FOR ADDITIONAL INFORMATION.
2. PROVIDE 2" CONDUITS ABOVE ACCESSIBLE CEILING IN HATCHED AREA TO ACCOMMODATE FIBER BACKBONE CABLING. CONDUITS NOT TO EXCEED 40% FILL. COORDINATE FINAL LOCATION WITH OTHER TRADES.
3. REFER TO BUILDING 11 FOR PROPOSED STUB UP LOCATION IN DATA CENTER ROOM.

A-LEG FIBER PATH

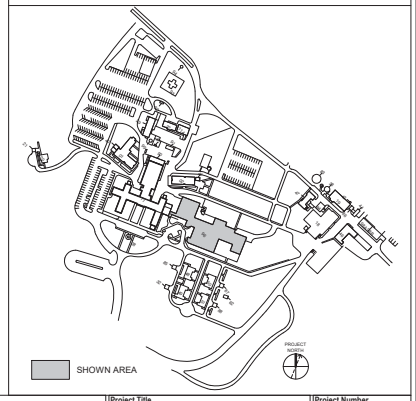
B-LEG FIBER PATH



1 BUILDING 96 - LEVEL 01 - FLOOR PLAN

1/16" = 1'-0"

KEY PLAN



Revisions:	Date:

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U.S. Department of Veterans Affairs

Drawing Title	BUILDING 96 - LEVEL 01 - FLOOR PLAN
Phase	100% CONSTRUCTION DOCUMENTS
Approved:	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)
Project Number	671A4-21-700
Building Number	96
Location	Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208
Issue Date	11/21/2025
Checked	Checker
Drawn	Author
Drawing Number	96TN101

334 of 339

VA FORM 08 - 6231

GENERAL NOTES:

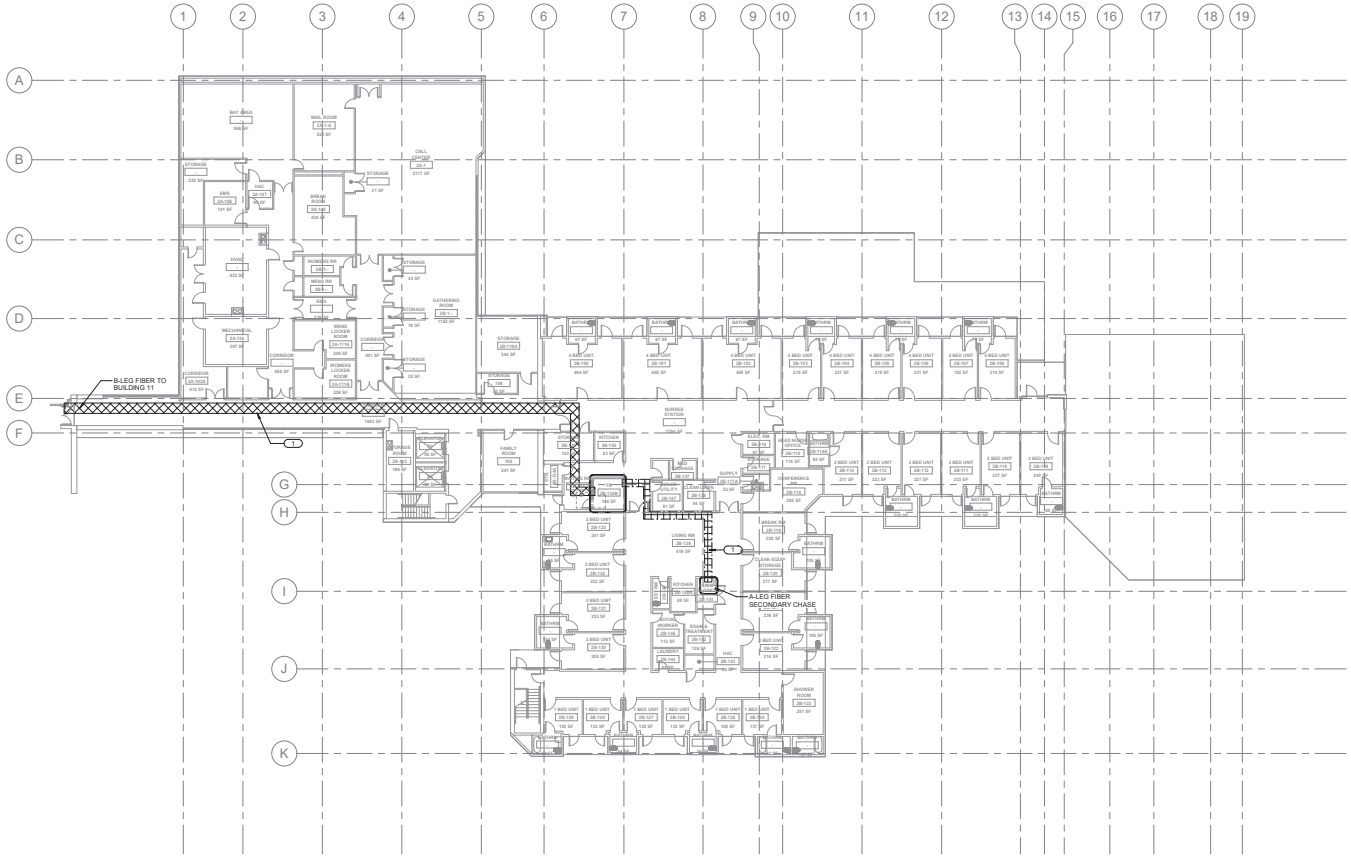
1. REFER TO "E1"-SERIES DRAWINGS FOR ADDITIONAL TELECOMMUNICATIONS INFRASTRUCTURE AND TERMINATINATION REQUIREMENTS.

KEYNOTES: 9

1. PROVIDE 2" CONDUITS ABOVE ACCESSIBLE CEILING IN HATCHED AREA TO ACCOMMODATE FIBER BACKBONE CABLING. CONDUITS NOT TO EXCEED 40% FILL. COORDINATE FINAL LOCATION WITH OTHER TRADES.

A-LEG FIBER PATH

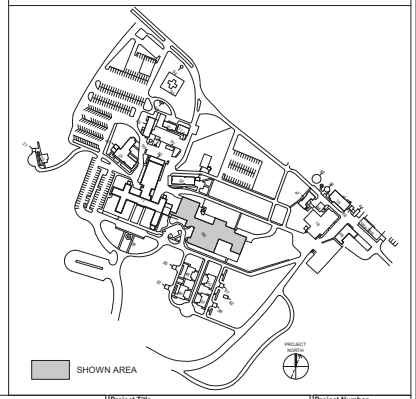
B-LEG FIBER PATH



1 BUILDING 96 - LEVEL 02 - FLOOR PLAN

1/16" = 1'-0"

KEY PLAN



Revisions:	Date:

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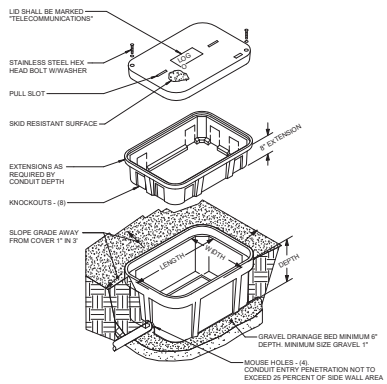
Drawing Title: BUILDING 96 - LEVEL 02 - FLOOR PLAN	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: 96
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208	Drawing Number: 96TN102
		Issue Date: 11/21/2025 · Checked: Checker · Drawn: Author	335 of 339

VA FORM 08 - 6231

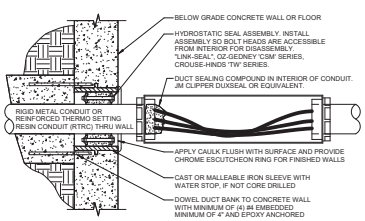


D1 EXTERIOR HAND HOLE DETAIL

NO SCALE

NOTES:

1. ALL DIMENSIONS ARE NOMINAL INSIDE CLEARANCES.
2. ANY SPLICES OR DEVICES IN HANDHOLE SHALL BE SUBMERGIBLE.



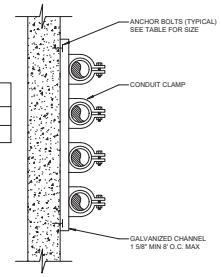
NOTES:

1. HYDROSTATIC SEAL SELECTION BASED ON OUTSIDE DIAMETER OF CONDUIT AND INSIDE DIAMETER OF SLEEVE OR BORE.
2. PROVIDE PULL BOX, CONDUIT FITTING OR AUXILIARY GUTTER, SIZED PER N.E.C. WITHIN 5' OF CONDUIT ENTRY TO ALLOW SEALING OF CONDUITS. BOX ORIENTATION IS DIAGRAMMATIC. SEALING COMPOUND SHALL BE NON-HARDENING MATERIAL FOR WATERSTOP AND MOISTURE BARRIER. OZ/GEDNEY 'DUX' OR APPROVED EQUIVALENT SEAL BOTH ENDS OF EXTERIOR CONDUITS.
3. THIS DETAIL APPLIES TO ALL BELOW GRADE WALL AND FLOOR CONDUIT ENTRIES INTO BUILDING.

F1 EXTERIOR WALL PENETRATION

NO SCALE

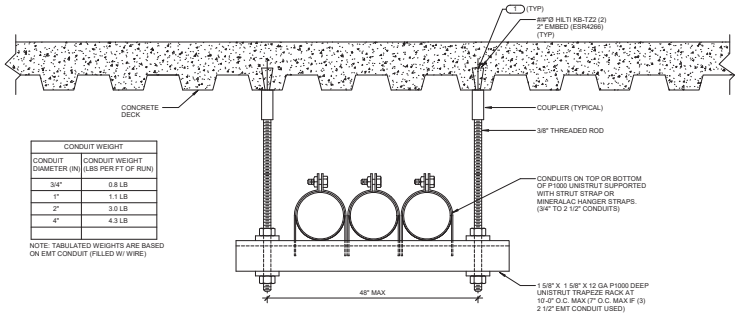
CONDUIT TRADE SIZE	SIZE & EMBEDMENT OF ANCHOR BOLTS
1/2"C. → 2 1/2"C.	1/4"0 x 1/3/8"
3"C. → 4"C.	5/16"O x 1/1/2"



NOTE:
CONTRACTOR SHALL PROVIDE CONDUIT SUPPORT SHOP-DRAWINGS COMPLETE WITH STRUCTURAL CALCULATIONS CERTIFIED BY LICENSED STRUCTURAL ENGINEER.

D3 CONDUIT SUPPORT ON CONCRETE WALL OR FLOOR DETAIL

NO SCALE



CONDUIT WEIGHT	
CONDUIT DIAMETER (IN)	CONDUIT WEIGHT (LBS PER FT OF RUN)
3/4"	0.8 LB
1"	1.1 LB
2"	3.0 LB
4"	4.3 LB

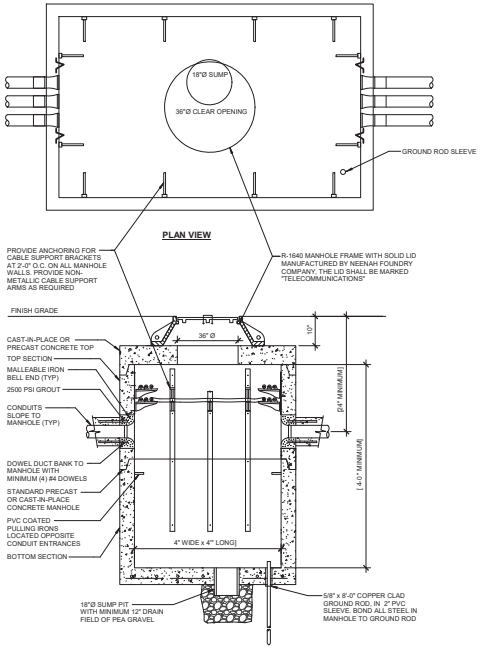
NOTE: TABULATED WEIGHTS ARE BASED ON EMT CONDUIT (FILLED W/ WIRE)

KEYNOTE:

1. PROVIDE ANCHORS PER MANUFACTURERS REQUIREMENTS. CONTRACTOR TO VERIFY CONCRETE-FILLED DECK MATERIALS AND THICKNESS TO SIZE ANCHORS PER MANUFACTURERS RECOMMENDATIONS.

F3 CONDUIT RACK SUPPORT DETAIL

NO SCALE

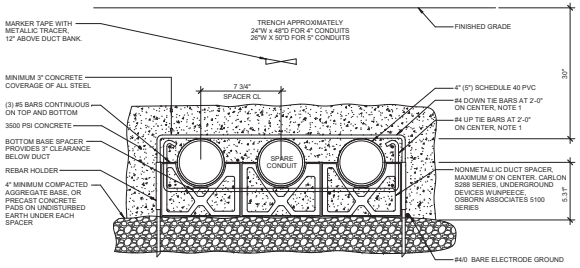


NOTES:

1. MANHOLE SHALL BE DESIGNED TO AASHTO HS-20 LIVE LOADS. SUBMITTAL SHALL SHOW DESIGN LOADING AND MATERIAL SPECIFICATIONS FOR SUPPLIED PRODUCTS.

D7 TELECOM MANHOLE DETAIL

NO SCALE



NOTES:

1. ARRANGE TO AVOID CONTACT BETWEEN BARS TO PREVENT INDUCTIVE HEATING OF STEEL BY AVOIDING CLOSED LOOP OF STEEL AROUND CONDUITS. OFFSET UP AND DOWN TIE BARS 6" FROM EACH OTHER.
2. INSTALL 2000 lb TENSILE STRENGTH BRAIDED POLYPROPYLENE PULL CORD IN ALL CONDUITS.
3. TRENCHING AND BACKFILL ACCORDING TO SPECIFICATIONS.
4. MINIMUM OF 4'-0" CLEAR BETWEEN ADJACENT DUCTBANKS.
5. DOWEL ENDS OF DUCTBANK INTO MANHOLE OR FOUNDATION WITH MINIMUM OF (4) #4 DOWELS.

F7 DUCT BANK DETAIL AASHTO HS20

NO SCALE

Revisions:	Date:

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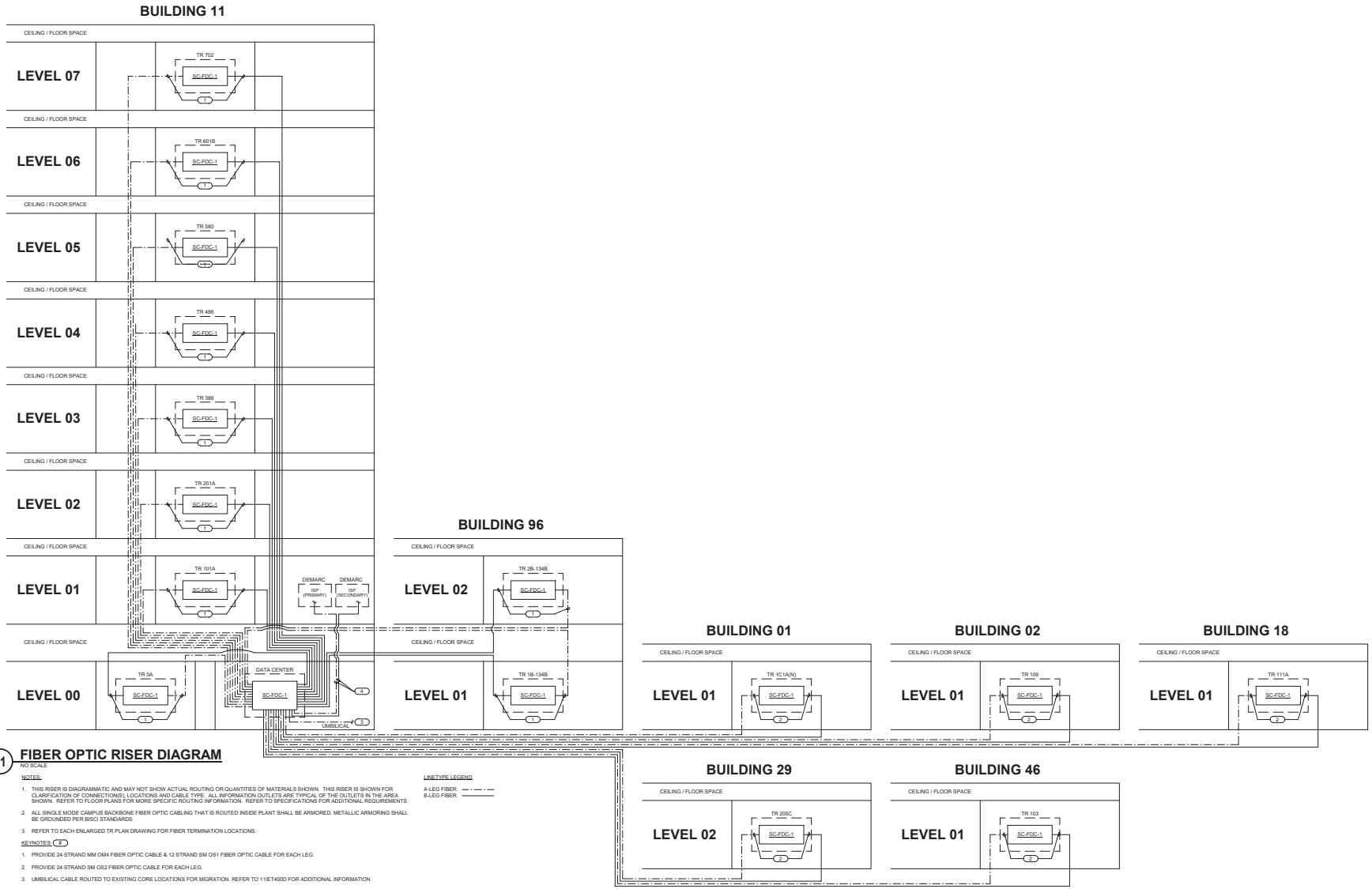
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
TECHNOLOGY DETAILS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
			Building Number: GS
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208	Drawing Number: TN501
		Issue Date: 11/21/2025 · Checked: Checker · Drawn: Author	336 of 339

VA FORM 08 - 6231



F1 FIBER OPTIC RISER DIAGRAM

NO SCALE

NOTES:

1. THIS RISER IS DIAGRAMMATIC AND MAY NOT SHOW ACTUAL ROUTING OR QUANTITIES OF MATERIALS SHOWN. THIS RISER IS SHOWN FOR CLARIFICATION OF CONNECTION(S), LOCATIONS AND CABLE TYPE. ALL INFORMATION OUTLETS ARE TYPICAL OF THE OUTLETS IN THE AREA SHOWN. REFER TO FLOOR PLANS FOR MORE SPECIFIC ROUTING INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. ALL SINGLE MODE CAMPUS BACKBONE FIBER OPTIC CABLING THAT IS ROUTED INSIDE PLANT SHALL BE ARMORED. METALLIC ARMORING SHALL BE GROUNDED PER BISCI STANDARDS.
3. REFER TO EACH ENLARGED TR PLAN DRAWING FOR FIBER TERMINATION LOCATIONS.

KEYNOTES: #

1. PROVIDE 24 STRAND MM OM4 FIBER OPTIC CABLE & 12 STRAND SM OS1 FIBER OPTIC CABLE FOR EACH LEG.
2. PROVIDE 24 STRAND SM OS2 FIBER OPTIC CABLE FOR EACH LEG.
3. UMBILICAL CABLE ROUTED TO EXISTING CORE LOCATIONS FOR MIGRATION. REFER TO 11/ET400D FOR ADDITIONAL INFORMATION.
4. PROVIDE 48 STRAND MM OM4 FIBER OPTIC CABLE FOR INCOMING SERVICE PROVIDER (ISP). EXTENSION TO DATA CENTER. TERMINATE A-LEG ISP BACKBONE IN MDA (A) AND B-LEG ISP BACKBONE IN MDA (B). COORDINATE LOCATION AND TERMINATIONS FOR EACH DEMARC ISP WITH VA PROJECT ENGINEER PRIOR TO PROCUREMENT AND INSTALLATION.

LINETYPE LEGEND

A-LEG FIBER:
B-LEG FIBER:

Revisions:	Date:

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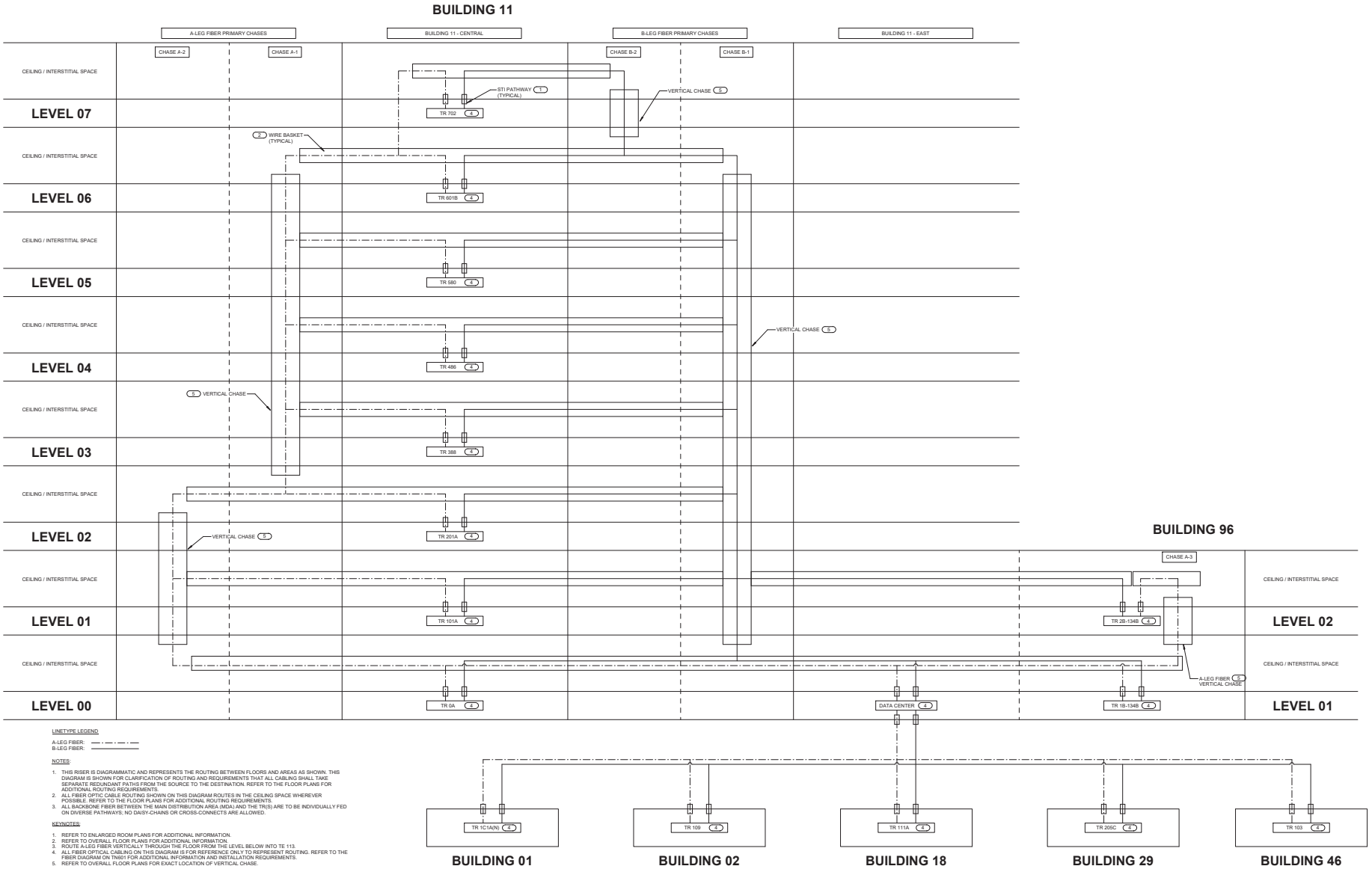
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
TECHNOLOGY DIAGRAMS	100% CONSTRUCTION DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	671A4-21-700
			Building Number: GS
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208	Drawing Number: TN601
		Issue Date: 11/21/2025 · Checked: Checker · Drawn: Author	337 of 339

VA FORM 08 - 6231



LINETYPE LEGEND

A-LEG FIBER:
B-LEG FIBER:

NOTES:

1. THIS RISER IS DIAGRAMMATIC AND REPRESENTS THE ROUTING BETWEEN FLOORS AND AREAS AS SHOWN. THIS DIAGRAM IS SHOWN FOR CLARIFICATION OF ROUTING AND REQUIREMENTS THAT ALL CABLING SHALL TAKE SEPARATE REDUNDANT PATHS FROM THE SOURCE TO THE DESTINATION. REFER TO THE FLOOR PLANS FOR ADDITIONAL ROUTING REQUIREMENTS.
2. ALL FIBER OPTIC CABLE ROUTING SHOWN ON THIS DIAGRAM ROUTES IN THE CEILING SPACE WHEREVER POSSIBLE. REFER TO THE FLOOR PLANS FOR ADDITIONAL ROUTING REQUIREMENTS.
3. ALL BACKBONE FIBER BETWEEN THE MAIN DISTRIBUTION AREA (MDA) AND THE TR(S) ARE TO BE INDIVIDUALLY FED ON DIVERSE PATHWAYS; NO DAISY-CHAINS OR CROSS-CONNECTS ARE ALLOWED.

KEYNOTES:

1. REFER TO ENLARGED ROOM PLANS FOR ADDITIONAL INFORMATION.
2. REFER TO OVERALL FLOOR PLANS FOR ADDITIONAL INFORMATION.
3. ROUTE A-LEG FIBER VERTICALLY THROUGH THE FLOOR FROM THE LEVEL BELOW INTO TE 113.
4. ALL FIBER OPTICAL CABLING ON THIS DIAGRAM IS FOR REFERENCE ONLY TO REPRESENT ROUTING. REFER TO THE FIBER DIAGRAM ON TN601 FOR ADDITIONAL INFORMATION AND INSTALLATION REQUIREMENTS.
5. REFER TO OVERALL FLOOR PLANS FOR EXACT LOCATION OF VERTICAL CHASE.

F1 FIBER ROUTING PATHWAY DIAGRAM

12" = 1'-0"

Revisions:	Date:

CONSULTANT

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TECHNOLOGY DIAGRAMS	Phase: 100% CONSTRUCTION DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)	Project Number: 671A4-21-700
			Building Number: GS
Approved:	FULLY SPRINKLERED	Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208	Drawing Number: TN602
		Issue Date: 11/21/2025 · Checked: Checker · Drawn: Author	338 of 339

VA FORM 08 - 6231

TECHNOLOGY EQUIPMENT SCHEDULE

THE EQUIPMENT LIST ABBREVIATIONS AND THE TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.

CATALOG NUMBERS ARE NOT TO BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STANDARD COLOR" INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE.

EQUIPMENT LIST ABBREVIATION	EQUIPMENT LIST DESCRIPTION	MANUFACTURER AND MODEL
PW-HH-1	36" X 36" QUAZITE TELECOMMUNICATIONS HANDHOLE. PRECAST POLYMER CONCRETE. TRAFFIC-RATED (H-20/HS-20) UNLESS NOTED OTHERWISE. PROVIDE HANDHOLE WITH CAST-IRON OR POLYMER CONCRETE COVER MARKED "COMMUNICATIONS," EMBEDDED PULLING IRONS, AND CABLE SUPPORT RACKS AS REQUIRED. INTERIOR SURFACES SHALL BE SMOOTH AND SUITABLE FOR COMMUNICATIONS CABLES. INCLUDE FACTORY KNOCKOUTS OR FIELD-CORED OPENINGS FOR CONDUIT ENTRY WITH TERMINATORS, BUSHINGS, OR LINK SEALS. INSTALL ON COMPACTED GRANULAR BEDDING, SET TO LINE AND GRADE, SEAL ALL JOINTS, AND BACKFILL PER CIVIL/GEOTECHNICAL REQUIREMENTS. CONTRACTOR SHALL COORDINATE CONDUIT LOCATIONS AND PROVIDE ALL ACCESSORIES FOR A COMPLETE AND FUNCTIONAL INSTALLATION. SUBMIT MANUFACTURER DATA AND SHOP DRAWINGS FOR APPROVAL.	HUBBELL/QUAZITE OR PRE-APPROVED EQUAL
PW-HH-E	EXISTING HANDHOLE TO REMAIN.	-
PW-MH-1	TELECOMMUNICATIONS MANHOLE. PRECAST CONCRETE. NOMINAL INTERIOR DIMENSIONS 4' X 4' X 4'. PROVIDE TRAFFIC-RATED (H-20/HS-20) STRUCTURE WITH 5,000 PSI MINIMUM CONCRETE STRENGTH. CAST-IRON FRAME AND COVER MARKED "COMMUNICATIONS." EMBEDDED PULLING IRONS, CABLE RACKS, AND ALL REQUIRED HARDWARE. INTERIOR SURFACES SHALL BE SMOOTH AND SUITABLE FOR COMMUNICATIONS CABLES. INCLUDE FACTORY KNOCKOUTS OR FIELD-CORED OPENINGS FOR CONDUIT ENTRY WITH APPROPRIATE TERMINATORS, BUSHINGS, OR LINK SEALS. INSTALL ON COMPACTED GRANULAR BEDDING, SET TO LINE AND GRADE, SEAL ALL JOINTS, AND BACKFILL PER CIVIL/GEOTECHNICAL REQUIREMENTS. CONTRACTOR SHALL COORDINATE CONDUIT LOCATIONS AND PROVIDE ALL ACCESSORIES FOR A COMPLETE AND FUNCTIONAL INSTALLATION. SUBMIT MANUFACTURER DATA, LOAD RATING CERTIFICATION, AND SHOP DRAWINGS FOR APPROVAL.	OLDCASTLE OR PRE-APPROVED EQUAL

Revisions: | Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TECHNOLOGY SCHEDULES

Phase: 100% CONSTRUCTION DOCUMENTS

Project Title: EHRM INFRASTRUCTURE UPGRADES - KERRVILLE (SOUTH TEXAS)

Project Number: 671A4-21-700

Building Number: GS

Approved:

FULLY SPRINKLERED

Location: Kerrville VA Medical Center 3600, Memorial Blvd, Kerrville, Texas 78208

Issue Date: 11/21/2025

Checked: Checker

Drawn: Author

Drawing Number: TN701

VA FORM 08 - 6231