SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16

VA Roseburg Healthcare System

BUILDING 13
Project Number 653-104

PROJECT TEAM

PRINCIPAL IN CHARGE:	Blue Trident, LLC	Emmanuel (Manny) Bautista, PE*, F.SAME----------(206) 972-0645
PRJT MGR/ STRUCT. ENG.	Blue Trident, LLC	Brian Moll, PE, SE ----------(206) 351-2217
ARCHITECT	Blue Trident, LLC	Lauri Strauss, AIA, LEED AP BD&C----------(907) 317-5040
STRUCTURAL ENGINEER:	Reid Middleton	Brian Matsumoto----------(425) 741-3800
MECHANICAL ENGINEER:	Notkin P2S, Inc	Peter Eberle, PE----------(206) 267-6940
ELECTRICAL ENGINEER:	SAZAN Group	Chris Larson, PE----------(503) 416-2078
FIRE PROTECTION ENGINEER:	SAZAN Group	Philip Roach, PE----------(503) 416-2400
HAZARDOUS MATERIALS	MedTox NW.	Jon Havelok----------(253) 351-0677
COST ESTIMATOR:	ProDims, PLLC	Dennis Teschlog ----------(714) 651-6696
GEOTECHNICAL ENGINEER	Terracon	Ryan Houser, PE ----------(503) 416-2078

SCOPE OF WORK

1. REMOVE EXISTING INTERIOR CLAY TILE PARTITION WALLS AND REPLACE WITH METAL STUD AND GYPSUM BOARD WALLS.

2. ADD SEISMIC MITIGATION TO INSIE FACE OF EXTERIOR WALLS.

3. REMOVE EXISTING DOORS AND FRAMES IN EXISTING DEMO'D WALLS AND REPLACE IN NEW WALLS.

3. PROVIDE ACCESSIBLE TOILET ROOMS ON BOTH FLOORS.

4. REPLACE BREAKROOM CASEWORK FOR ACCESSIBILITY.

5. PROVIDE NEW SERVICE SINK IN HAC

6. REMOVE EXG CLAY TILE ROOFING MATERIAL AND ROOFING FELT FOR INSTALLATION OF NEW PLYWOOD ROOF DECK, NEW UNDERLAYMENT, AND NEW SYNTHETIC CLAY TILES

7. REFINISH AND REPAINT EXTERIOR TRIM AND FASCIA AT ROOF WHERE AFFECTED BY ROOF REPLACEMENT.

8. REMOVE THE CONCRETE VAULT AND RECONFIGURE THE A.H.E.C. SPACE WITH NEW SECURE WALLS AND NEW CEILING.

ABBREVIATIONS

A	
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANNODIZED
APPROX	APPROXIMATE
B	
BD	BOARD
BF	BRACE FRAME
BLDG	BUILDING
BLKG	BLOCKING
BOD	BOTTOM OF DECK
BOT	BOTTOM
C	
CAB	CABINET(S)
CJ	CONROL JOINT
CL	CENTER LINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
COL	COLUMN
CONC	CONCRETE
COR	CONTRACTING OFFICERS REPRESENTATIVE
CORR	CORRIDOR
CPT	CARPET
CT	CERAMIC TILE
CTB	CERAMIC TILE COVE BASE
D	
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLITION
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIFF	DIFFERENCE
DIM	DIMENSION
DISP	DISPENSER / DISPOSAL
DN	DOWN
DWG	DRAWING(S)
E	
EA	EACH
ELEC	ELECTRIC
EQ	EQUAL
EQUIP	EQUIPMENT
EXG	EXISTING
EXP JT	EXPANSION JOINT
EXT	EXTERIOR
F	
FACP	FIRE ALARM CONTRL PANEL
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FIN	FINISH
FLR	FLOOR
FOC	FACE OF CABINET
FOF	FACE OF FINISH
FOS	FACE OF STUD
FOW	FACE OF WALL
G	
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GEN	GENERAL
GLU-LAM	GLUE LAM BEAM
GWB	GYPSUM WALL BOARD
GYP	GUPSUM
H	
HDWR	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HVAC	HEATING VENTILATION AIR CONDITIONING
I	
IBC	INTERNATIONAL BUILDING CODE
ID	INTERIOR DESIGN
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
J	
JAN	JANITOR
JT	JOINT
K	
KIT	KITCHEN
L	
LAM	LAMINATED
LAV	LAVATORY
LF	LINEAR FEEET
M	
MATL	MATERIAL
MAX	MAXIMUM
MBL	MARBLE
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MFG	MANUFACTURER
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MS	METAL STUD
MTD	MOUNTED
MTL	METAL
N	
NA	NOT APPLICABLE
NAP	NAPKIN
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
O	
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
ORIG	ORIGINAL
P	
PAF	POWER ACTIVATED FASTENERS
PLAM	PLASTIC LAMINATE
PLWD	PLYWOOD
PREFAB	PRE FABRICATED
PREFIN	PRE FINISHED
PT	PAINT
PTD	PAPER TOWEL DISPENSER
PTN	PARTITION
Q	
QT	QUARRY TILE
R	
RAD	RADIUS
RB	RUBBER
RCP	REFLECETED CEILING PLAN
REF	REFERENCE
REINF	REINFORCING
REQD	REQUIRED
RESIL	RESILIENT
S	
SAN	SANITARY
SCHED	SCHEDULE
SD	SOAP DISPENSER
SF	SQUARE FOOT
SHT	SHEET
SHWR	SHOWER
SIM	SIMILAR
SND	SANITARY NAPKIN DISPOSAL
SS	SOLID SURFACE
SST	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STO	STORAGE
STS	SELF TAPPING SCREW
T	
TB	TOWEL BAR
TEMP	TEMPORARY
THK	THICK
THRU	THROUGH
TLT	TOILET
TO	TOP OF
TPD	TOILET PAPER DISPENSER
TPTN	TOILET PARTITION
TR	TRASH RECEPTACLE
TYP	TYPICAL
TZO	TERRAZZO
U	
UC	UNDER COUNTER / UNDER CABINET
UNFIN	UNFINISHED
UON	UNLESS OTHERWISE NOTED
V	
VAR	VARIES
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
W	
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WR	WATER RESISTANT
WWF	WELDED WIRE FABRIC

SYMBOLS

A1 / A-101	SECTION CALLOUT MARK
1 / A101 Ref	DETAIL CALLOUT MARK
A7.01 1	EXTERIOR OR INTERIOR ELEVATION CALLOUT MARK
1 / A7.02 2 / 4 / 3	INTERIOR ELEVATION CALLOUT MARK
Room Name 101	ROOM NAME AND NUMBER
101	DOOR TAG
SN-X	SIGNAGE TAG SEE SCHEDULE SHEET AW600
6PL1	MATERIAL FINISH TAG SEE SCHEDULE SHEET AI104
X	WALL TYPE TAG SEE SCHEDULE SHEET A-601
1i	EQUIPMENT TAG SEE SCHEDULE SHEET A-604
11	WINDOW / RELITE TAG SEE SCHEDULE SHEET A-604
6" +/- (E)	APPROX DIMENSION TO EXISTING WALL ETC.
9/8/2025 7:25:42	NORTH ARROW

DRAWING INDEX

GI000	B13 COVER
GI012	CODE PLANS
HM-001	HAZARDOUS MATERIALS REMEDIATION - MAIN LEVEL
HM-002	HAZARDOUS MATERIALS REMEDIATION - LOWER LEVEL
S-001	GENERAL STRUCTURAL NOTES
S-100	FOUNDATION AND FIRST FLOOR PLANS
S-101	MEZZANINE AND ROOF FRAMING PLAN
S-200	SHEAR WALL ELEVATIONS
S-201	SHEAR WALL ELEVATIONS
S-211	DOWEL PLACEMENT ELEVATIONS
S-501	CONCRETE DETAILS
S-511	MASONRY DETAILS
S-512	MASONRY DETAILS
S-521	STEEL DETAILS
AD102	GROUND FLOOR DEMOLITION PLAN
AD112	FIRST FLOOR DEMOLITION PLAN
AD132	ROOF DEMOLITION PLAN
A-102	B13 GROUND FLOOR PLAN
A-112	B13 FIRST FLOOR PLAN
A-132	ROOF PLAN
A-201	EXTERIOR ELEVATIONS
A-202	EXTERIOR ELEVATIONS
A-301	BUILDING SECTIONS
A-402	ENLARGED GROUND FLOOR PLANS
A-412	ENLARGED FIRST FLOOR PLANS
A-602	DOOR AND WINDOW SCHEDULE AND DETAILS
A-810	INTERIOR ELEVATIONS
A-811	INTERIOR ELEVATIONS
AC102	BASEMENT RCP
AC112	FIRST FLOOR RCP
FX002	B13 FIRE PROTECTION GENERAL NOTES AND LEGEND
FD102	B13 FIRE PROTECTION DEMOLITION - GROUND FLOOR PLAN
FD112	B13 FIRE PROTECTION DEMOLITION - FIRST FLOOR PLAN
FX102	B13 FIRE SPRINKLER - GROUND FLOOR PLAN
FX112	B13 FIRE SPRINKLER - FIRST FLOOR PLAN
FX122	B13 FIRE SPRINKLER - MEZZANINE FLOOR PLAN
FX612	FIRE PROTECTION DIAGRAMS
M-001	GENERAL NOTES, LEGEND, ABBREVIATIONS
MD-111	MECHANICAL DEMO PLANS
M-111	MECHANICAL PLANS
M-112	MEZZANINE MECHANICAL PLANS
M-400	ENLARGED PLUMBING PLANS
M-401	ENLARGED MECHANICAL PLANS
M-501	MECHANICAL DETAILS
M-601	MECHANICAL SCHEDULES
EG002	B13 GENERAL NOTES, ABBREVIATIONS AND SHEET INDEX
ED102	B13 ELECTRICAL DEMOLITION - GROUND FLOOR PLAN
ED112	B13 ELECTRICAL DEMOLITION - FIRST FLOOR PLAN
EL102	B13 ELECTRICAL LIGHTING - GROUND FLOOR PLAN
EL112	B13 ELECTRICAL LIGHTING - FIRST FLOOR PLAN
EP102	B13 ELECTRICAL POWER - GROUND FLOOR PLAN
EP112	B13 ELECTRICAL POWER - FIRST FLOOR PLAN
EL602	B13 ELECTRICAL LIGHTING SCHEDULE
EP622	B13 ELECTRICAL ONE-LINE DIAGRAM

PHASING

CONTRACTOR SHALL FURNISH THE RESIDENT ENGINEER WITH A SCHEDULE OF PHASING DATES ON WHICH THE CONTRACTOR INTENDS TO ACCOMPLISH WORK IN EACH SPECIFIC AREA OF SITE, BUILDING OR PORTION THEREOF. ARRANGE SUCH DATES TO INSURE ACCOMPLISHMENT OF THIS WORK IN SUCCESSIVE PHASES MUTUALLY AGREEABLE TO MEDICAL CENTER DIRECTOR USING THE FOLLOWING PHASING OUTLINE:

PHASE 1 – PREPARATIONS

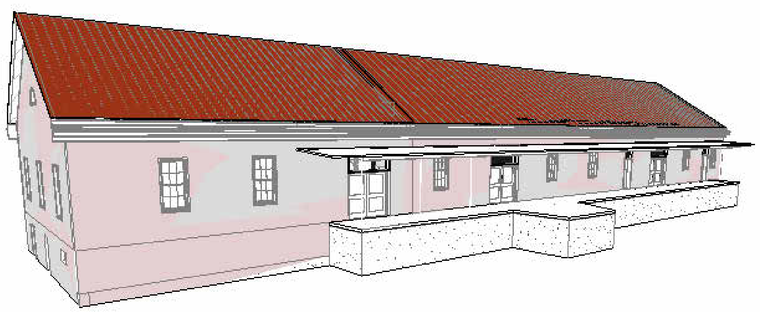
THIS BUILDING CONTAINS THE MAIN DELIVERY WAREHOUSE FOR THE VA CAMPUS, AS WELL AS THE MAINTENANCE SHOPS AND STORAGE FACILITIES. THIS BUILDING WILL REMAIN OPERATIONAL DURING THE SEISMIC MITIGATION CONSTRUCTION. THERE ARE APPROXIMATELY 10-20 EMPLOYEES IN THE BUILDING, COMING AND GOING THROUGHOUT THE WORKDAY. DELIVERIES ALSO OCCUR ON BOTH FLOORS THROUGHOUT THE DAY. THE SEISMIC MITIGATION ON THE MAIN FLOOR IS MOSTLY ON THE EXTERIOR WALLS. THE VA HAS INDICATED THEY CAN MOVE SHELVING AND PALLETS OF ITEMS STORED IN THIS SPACE TO THE INTERIOR OF THE SPACE TO LEAVE ROOM AROUND THE PERIMETER TO ACCOMPLISH THE CONSTRUCTION ON THIS FLOOR. THE SHOP SPACES ON THE GROUND FLOOR ARE DIVIDED INTO ABOUT 6 DIFFERENT DEPARTMENTS. ON THE GROUND FLOOR, THE SEISMIC MITIGATION IS MOSTLY ON THE NORTH WALL, WITH SOME INTERIOR WALLS BEING REPLACED. THE VA HAS INDICATED THEY CAN MOVE THEIR STORAGE SHELVING AND CABINETS TO THE SOUTH SIDE OF THE ROOMS TO LEAVE SPACE FOR CONSTRUCTION OPERATIONS. THERE ARE SOME INTERIOR HOLLOW CLAY TILE WALLS ON THE GROUND FLOOR THAT WILL BE REMOVED AND REPLACED. THE VA WILL CLEAR THESE PRIOR TO CONSTRUCTION, BUT THE PHASING SHOULD DETAIL WHEN DEMOLITION AND CONSTRUCTION IN EACH OF THESE AREAS WILL OCCUR. THESE INCLUDE THE WALLS AROUND THE RESTROOMS. TEMPORARY TOILETS WILL NEED TO BE PROVIDED FOR THE STAFF AND THE GC'S EMPLOYEES. IN THE CARPENTER SHOP, THERE IS SOME LARGE EQUIPMENT THAT WILL NEED TO BE MOVED OUT OF THE WAY. THIS MAY NEED TO BE DONE BY THE MANUFACTURER TO ENSURE THE WARRANTY IS NOT VOIDED.

1. CONTRACTOR SHALL FURNISH THE COR WITH A SCHEDULE OF PHASING DATES ON WHICH THE CONTRACTOR INTENDS TO ACCOMPLISH WORK IN EACH SPECIFIC AREA OF SITE, BUILDING OR PORTION THEREOF. ARRANGE SUCH DATES TO ENSURE ACCOMPLISHMENT OF THIS WORK IN SUCCESSIVE PHASES MUTUALLY AGREEABLE TO COR USING THE FOLLOWING PHASING OUTLINE.
2. BUILDING WILL REMAIN OCCUPIED WHILE THE VA PERFORMS NORMAL BUSINESS OPERATIONS THROUGHOUT THE DURATION OF THIS PROJECT. CONTRACTOR IS RESPONSIBLE TO PERFORM ALL WORK SO THE NORMAL BUSINESS OPERATIONS CAN OCCUR.
3. NORMAL BUSINESS HOURS ARE 08:00AM – 04:30PM.
4. UPCOMING PHASED WORK SHALL BE AN AGENDA ITEM IN WEEKLY PROGRESS MEETINGS.
5. CONTRACTOR SHALL COORDINATE SITE OFFICE AND MATERIAL LAYDOWN AREA WITH COR PRIOR TO MOBILIZATION.
6. COMPLETE AIR TESTING OF ALL SUPPLY, RETURN AND EXHAUST GRILLES TO DOCUMENT EXISTING CONDITIONS PRIOR TO WORK.
7. PROVIDE A SEQUENCE OF WORK FOR THE REMOVAL AND REPLACEMENT OF EXISTING ELECTRICAL PANELS. THIS WORK WILL NEED TO BE PERFORMED IN THE EVENINGS OR WEEKENDS. THIS WORK WILL NEED TO HAPPEN SIMULTANEOUSLY.
8. CONTRACTOR SHALL COORDINATE MOVING OF EQUIPMENT WITH THE EQUIPMENT MANUFACTURER TO ACCOMPLISH THE SCOPE OF WORK. SOME EQUIPMENT MAY BE REQUIRED TO BE MOVED ONLY BY A CERTIFIED MANUFACTURER'S REPRESENTATIVE, SO WARRANTIES ARE NOT VOIDED.
9. DRAWINGS OF EXISTING EQUIPMENT LOCATIONS AND SIZES ARE NOT AVAILABLE. GC TO IDENTIFY WHICH EQUIPMENT WILL NEED TO BE RELOCATED AND COORDINATE WITH COR.
10. THE CARPENTER AND PRINT SHOPS CONTAIN THE LARGEST ELECTRONIC EQUIPMENT THAT WILL NEED TO BE COORDINATED.
11. SUBMIT MOVING WORK PLAN TO THE COR FOR APPROVAL.
12. PROVIDE DRAWINGS OF BUILDING 13 CONSTRUCTION PHASES TO THE COR AND DESIGN TEAM FOR REVIEW.

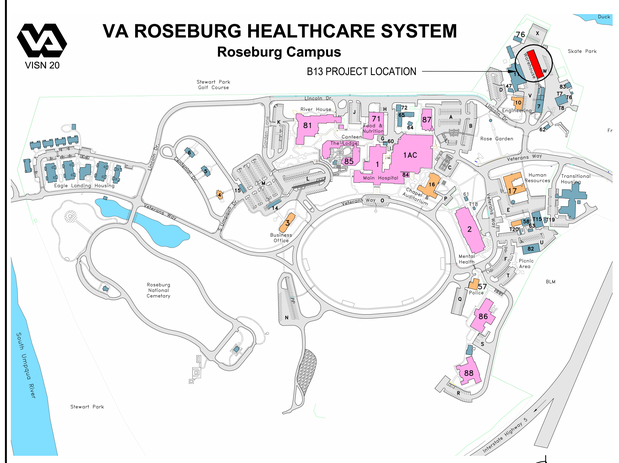
PHASE 2 – DEMOLITION AND NEW CONSTRUCTION

1. CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE COR FOR THE REMOVAL AND RELOCATION OF EXISTING EQUIPMENT.
2. CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL WORK, SO THE FIRE AND LIFE SAFETY DEVICES REMAIN FUNCTIONAL.
   a. IF A SHUTOFF IS REQUIRED, SUBMIT PLAN OF INTERMITTENT LIFE SAFETY MEASURES (ILSM) TO COR FOR REVIEW AND APPROVAL.
3. CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL WORK TO ALLOW THE BUILDING NETWORK DEVICES TO REMAIN FUNCTIONAL.
4. PERMITS:
   a. SUBMIT HOT WORK PERMITS TO THE COR FOR VA SAFETY OFFICE APPROVAL.
5. PROVIDE DRAWINGS SHOWING THE SEISMIC BRACING LOCATIONS OF EXISTING PIPING, EQUIPMENT, AND DUCTWORK.
6. PROVIDE A SEQUENCE OF WORK FOR THE REMOVAL AND REPLACEMENT OF EXISTING ELECTRICAL PANELS. THIS WORK WILL NEED TO BE PERFORMED IN THE EVENINGS OR WEEKENDS. THIS WORK WILL NEED TO HAPPEN SIMULTANEOUSLY.
7. INCLUDE COORDINATION FOR SHUT OFF, CAPPING AND/OR CONTINUATION OF UTILITY SERVICES AS REQUIRED.
   a. PROVIDE DETAILED SEQUENCE OF DEMOLITION AND REMOVAL WORK TO ENSURE UNINTERRUPTED PROGRESS OF VA ON-SITE OPERATIONS AND BUILDING OPERATIONS.
8. PRIOR TO REMOVING THE CLAY TILE WALLS DESIGNATED ON THE PLANS, CAREFULLY REMOVE ALL ITEMS FASTENED TO OR MOUNTED ON EXISTING WALLS BEING REPLACED.
   a. WHERE POSSIBLE, INSTALL CONDUIT, WIRING, PLUMBING PIPES, ETC. WITHIN THE STUD CAVITY OF THE NEW WALLS. COORDINATE WITH THE ENGINEERS WHERE ITEMS ARE NOT CLEARLY SHOWN ON THE CONTRACT DOCUMENTS.
   b. REINSTALL ALL FUNCTIONAL ITEMS SUCH AS CONDUITS, DUCTS, FIRE/LIFE SAFETY ITEMS, ETC. ON THE FACE OF NEW CONCRETE WALLS.
9. SOME ITEMS MAY BE RELOCATED DUE TO NEW OR REPLACED MEP SYSTEMS.
10. PRIOR TO BUILDING INTERIOR SEISMIC UPGRADES, CONCRETE OVERLAY OR LIGHT GAUGE STUD STRONGBACKS, CAREFULLY REMOVE ALL ITEMS FASTENED TO OR MOUNTED ON EXISTING WALLS RECEIVING THE STRUCTURAL UPGRADES.
    a. SOME OF THESE ITEMS MAY BE ALLOWED TO BE LEFT OR REINSTALLED IN THE STUD CAVITY OF THE STRONGBACK WALLS. COORDINATE WITH THE ENGINEERS WHERE ITEMS ARE NOT CLEARLY SHOWN ON THE CONTRACT DOCUMENTS.
    b. REINSTALL ALL FUNCTIONAL ITEMS SUCH AS CONDUITS, DUCTS, FIRE/LIFE SAFETY ITEMS, ETC. ON THE FACE OF NEW CONCRETE WALLS.

RENDERING



VICINITY MAP



VA HEALTHCARE SYSTEM
ROSEBURG, OR

ROSEBURG, OR

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services

BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: B13 COVER	Phase: ISSUED FOR CONSTRUCTION	Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16	Project Number: 653-104
			Building Number: 13
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: GI000
		Issue Date: 4/3/2026 · Checked: mr · Drawn: LMS	

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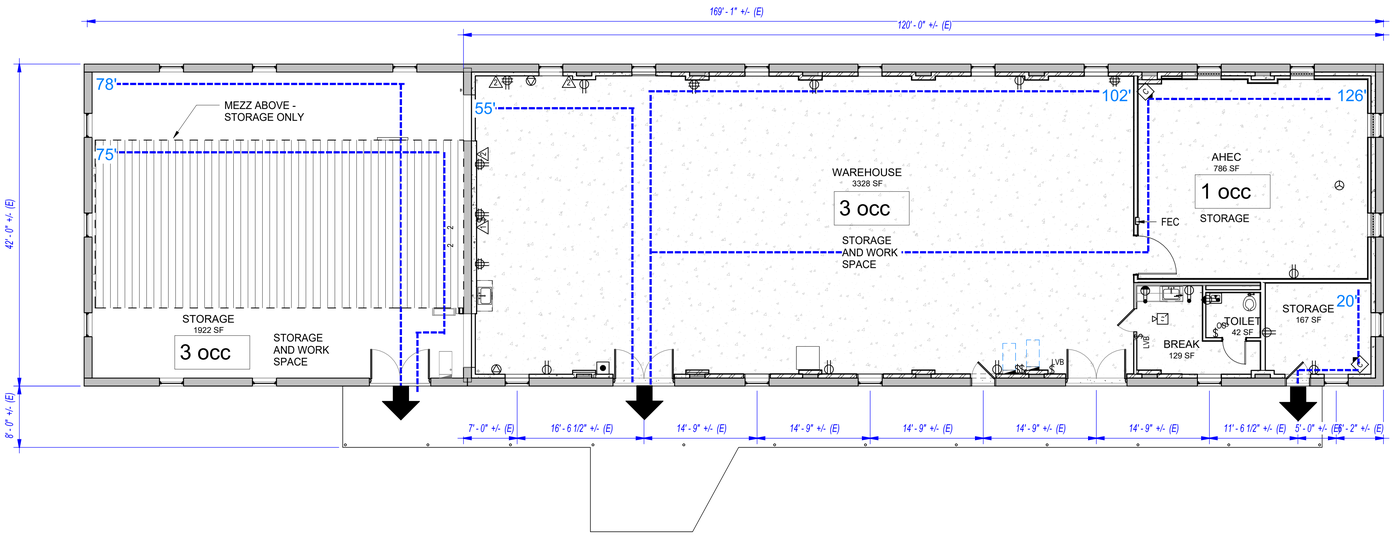
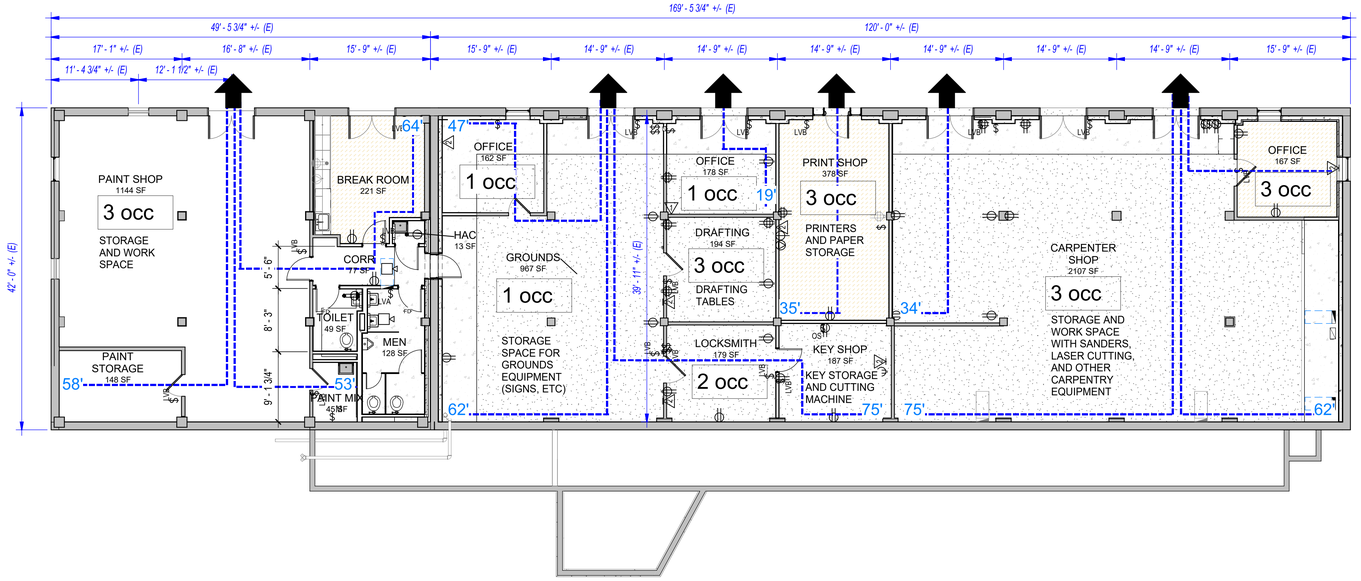


D2 FIRST FLOOR CODE PLAN
1/8" = 1'-0"



F1 GROUND FLOOR CODE PLAN
1/8" = 1'-0"

LIFE/SAFETY LEGEND

- FEC or FE
- BUILDING EXIT
- EXIT ROUTE
- SMOKE PARTITION REFERENCE NFPA 8.4
- 1-HR FIRE RESISTANT RATED BARRIER
- 2-HR FIRE RESISTANT RATED BARRIER
- HORIZONTAL SMOKE BARRIER CEILING ASSEMBLY
- HORIZONTAL 1-HR FIRE-RESISTANT RATED ASSEMBLY (ABOVE)

BUILDING TYPE = WAREHOUSE / SHOPS
CODE: **NFPA 13, 70, 72, 90A, 101 (INCL CH 43.10)**
IEBC 2021

THE BUILDING IS PROVIDED THROUGHOUT WITH AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM.

USE AND OCCUPANCY (SAME AS EXISTING- NO CHANGE IN OCCUPANCY)
INDUSTRIAL OCCUPANCY
SPECIAL-PURPOSE INDUSTRIAL OCCUPANCY: 40.1.2.1.2 (2)
(OCC TYPE F-2 FROM IBC)

OCCUPANT LOAD FACTOR 7.3.1.2
MP: THE OCCUPANT LOAD IS THE MAXIMUM PROBABLE NUMBER OF OCCUPANTS PRESENT AT ANY TIME.

SPACE	OCC AREA	S.F / OCC	NO. OF OCC.
GROUND FLOOR	7119	MP	20
FIRST FLOOR	7119	MP	7
MEZZANINE	1048	MP	0

TOTAL BUILDING OCCUPANT LOAD **27 OCCUPANTS**

INCIDENTAL USE AREAS WITHIN PROJECT SCOPE:
ELECTRICAL ROOM (EXG SMOKE SEPARATION PROVIDED)
STORAGE ROOMS >100 S.F. - SMOKE SEPARATION PROVIDED

CONSTRUCTION TYPE
TYPE V-000 – NON-COMBUSTIBLE - FULLY SPRINKLERED

BUILDING AREA HEIGHT AND AREA IS NOT CHANGING - LIMITATIONS:
GENERAL BUILDING HEIGHTS AND AREAS
BASIC ALLOWABLE AREA (TABLE 503; F-2 SPRNKLD) 52,000 S.F.
BASIC ALLOWABLE HEIGHT 3 STORIES – 60'-0"

ACTUAL AREA AND HEIGHT
AREA ACTUAL 15,286 S.F.
GROUND FLOOR 7119 S.F.
1ST FLOOR 7119 S.F.
MEZZANINE 1048 S.F.
HEIGHT ACTUAL 2 STORY - 39'-4"

RATED ASSEMBLIES WITHIN THE PROJECT AREA REQUIRED:
NONE (NFPA 101, 7.1.3.1)
(NFPA 101, 7.1.3.1 - CORRIDORS ARE NOT REQUIRED TO BE RATED IN AN EXISTING BUILDING WHERE THE OCCUPANCY CLASS IS NOT CHANGING.)

NFPA CH. 40 - INDUSTRIAL OCCUPANCIES

MEANS OF EGRESS NFPA 101, 40.2.2
MINIMUM DOOR LEAF: NFPA 101, 7.2.1.2.3.
32" - MINIMUM DOOR LEAF
28" - MIN DOOR LEAF IN EXISTING BUILDINGS
WIDTH PROVIDED = 36"

STAIRS: NFPA 101, 40.2.2.3
NONCOMBUSTIBLE GRATED STAIR TREADS AND NONCOMBUSTIBLE GRATED LANDING FLOORS ARE PERMITTED - PROVIDED FROM MEZZ.
NFPA 101 40.2.5.3.1 - MINIMUM WIDTH = 22".
DIMENSION LIMITS APPLY FOR ACCESS TO EQUIPMENT - MEZZANINE IS STORAGE ONLY, NO EQUIPMENT

CAPACITY OF MEANS OF EGRESS: NFPA 101, 40.2.3
OCC LOAD IS DETERMINED AS THE MAXIMUM PROBABLE POPULATION OF THE SPACE - SIZE OF EXITS COMPLY

MINIMUM NUMBER OF EXITS: NFPA 101, 40.2.4.1.1
NOT LESS THAN 2 EXITS FROM EVERY STORY:
NUMBER OF EXITS PROVIDED = BASEMENT: 6
FIRST FLOOR: 3

COMMON PATH OF TRAVEL DISTANCE NFPA 101, TABLE 40.2.5.1: 100' MAX
GROUND FLOOR: 75' MAX TRAVEL DIST TO ALL EXITS
FIRST FLOOR: 78' MAX TRAVEL DIST TO ALL EXITS

MAXIMUM TRAVEL DISTANCE MEASURED: NFPA 101, 40.2.6
400' MAX ALLOWED IN INDUSTRIAL OCC W/ FIRE SPRINKLER
BASEMENT: 75' MAX (TO EXIT)
FIRST FLOOR: 78' MAX

PROTECTION OF VERTICAL OPENINGS NFPA 101, 40.3.1 - N/A

PORTABLE FIRE EXTINGUISHERS: NFPA 10, 6.2.1.2.2.
ARE PROVIDED IN EACH SPACE ON EACH FLOOR WITH LESS THAN 75' TRAVEL DISTANCE TO EACH.

Revisions: Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
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GENERAL NOTES

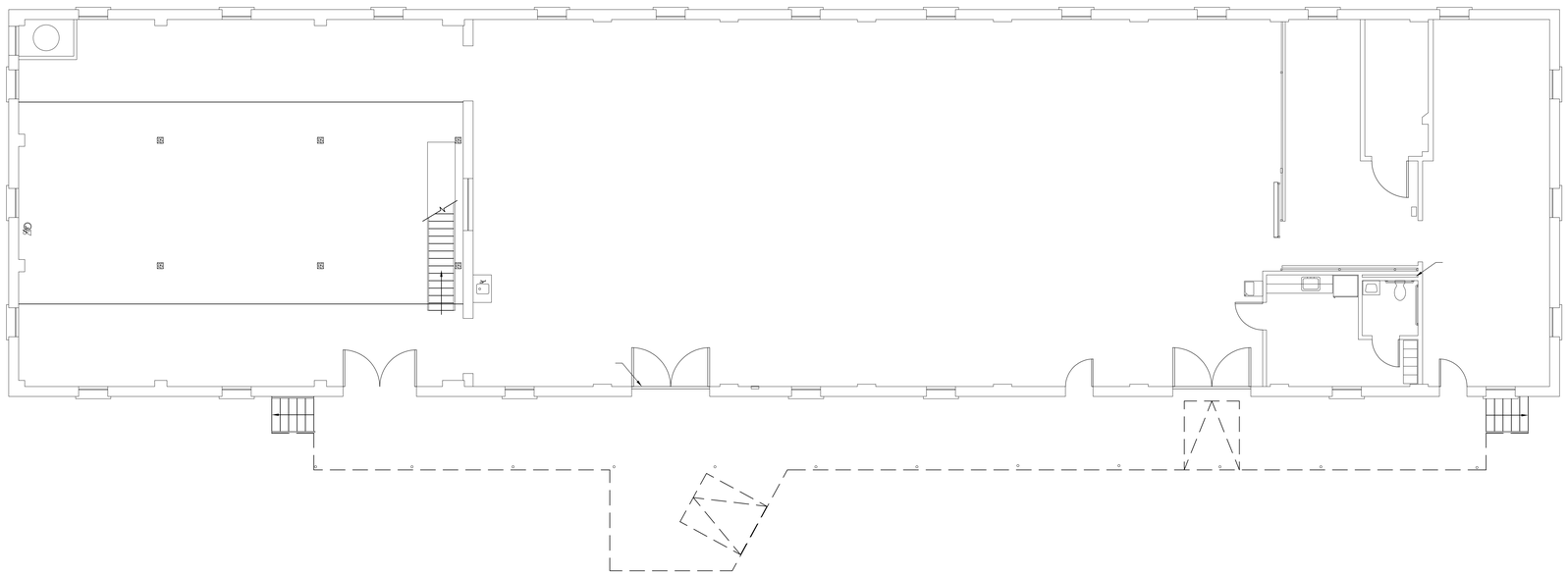
1. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND STRUCTURAL DRAWINGS FOR REQUIRED PROJECT DETAILS AND COORDINATION.
2. ALL PAINTED SURFACES ARE ASSUMED TO CONTAIN AT LEAST TRACE LEVELS OF LEAD AND OTHER HAZARDOUS METALS; INCLUDING INTERIOR AND EXTERIOR PAINTS. CONTRACTOR PERSONNEL WORKING ON THIS PROJECT SHALL HAVE LEAD AWARENESS TRAINING IN ACCORDANCE WITH 29 CFR 1926.62; THIS INCLUDES ALL TRADES IMPACTING PAINTED SURFACES. REFER TO HAZARDOUS BUILDING MATERIALS SURVEY REPORT DATED MAY 31, 2025 FOR DETAILS.
3. CONTRACTOR(S) MUST SUBMIT LEAD AND PCB ABATEMENT PLANS TO THE VETERANS ADMINISTRATION (VA) FOR REVIEW AND APPROVAL PRIOR TO START OF WORK ACTIVITIES.

LEAD-BASED PAINT NOTES

1. REFER TO SPECIFICATION SECTION 02 83 33 13 FOR LEAD REQUIREMENTS INCLUDING DISPOSAL AND TESTING REQUIREMENTS.
2. THE CONTRACTOR SHALL ASSUME THAT LEAD IS PRESENT IN PAINTED OR PRIMERED SURFACES THROUGHOUT THE PROJECT. ALL WORK THAT MAY DISTURB PAINT OR PRIMER-CONTAINING LEAD OR OTHER LEAD BUILDING MATERIAL (SUCH AS CERAMIC TILE) SHALL BE IN ACCORDANCE WITH 29 CFR 1926.62 AND SPECIFICATION SECTION 02 83 33 13 INCLUDING DUST CONTROL, EMPLOYEE EXPOSURE ASSESSMENTS, AND WASTE CHARACTERIZATION.

PCB BALLASTS AND FLUORESCENT LIGHT TUBE NOTES

1. ALL FLUORESCENT LIGHTS TO BE DEMOLISHED SHALL BE INSPECTED. ALL BALLASTS NOT SPECIFICALLY LABELED AS “NO-PCBS” OR “PCB FREE” WILL BE ASSUMED TO BE PCB-CONTAINING AND BE REMOVED AND DISPOSED OF AS PCB WASTE IN ACCORDANCE WITH THE REGULATIONS. PARTIAL DISASSEMBLY OF FLUORESCENT FIXTURES AND SELECTIVE DEMOLITION FOR ACCESS ARE INCLUDED IN THE SCOPE OF WORK. REFER TO CONTRACT SPECIFICATIONS, ELECTRICAL DEMOLITION DRAWINGS, REGULATIONS, AND CONTRACTOR'S APPROVED WORK PLAN FOR PCB-BALLAST REMOVAL AND DISPOSAL PROCEDURES. HID LIGHTS ARE ASSUMED TO CONTAIN PCB-BALLASTS AND MERCURY-CONTAINING BULBS.
2. NON-PCB LIGHT BALLASTS ARE TO BE RECYCLED OR DISPOSED IN ACCORDANCE WITH 02 84 16.
3. ALL FLUORESCENT LIGHT TUBES AND HID LIGHT BULBS ARE ASSUMED MERCURY-CONTAINING.
4. MERCURY-CONTAINING LIGHT TUBES/BULBS SHALL BE RECYCLED IN ACCORDANCE WITH THE CONTRACT AND WITHOUT BREAKAGE ON SITE. REFER TO CONTRACT SPECIFICATIONS/DRAWINGS, REGULATIONS, AND CONTRACTORS APPROVED WORK PLAN FOR LIGHT TUBE RECYCLING PROCEDURES.
5. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR DE-ENERGIZING IMPACTED LIGHT FIXTURES.



BUILDING 13 MAIN LEVEL

HAZARDOUS MATERIALS REMEDIATION

Revisions:	Date:

CONSULTANT

Consultant:

SAFE ENVIROMENT OF AMERICA, INC dba MED-TOX NORTHWEST

ARCHITECT/ENGINEER OF RECORD

A/E:

Blue Trident, LLC Engineering and Construction Services

BLUE TRIDENT, LLC
7829 NE ESPERIONE LN
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: HAZARDOUS MATERIALS REMEDIATION	Phase: ISSUED FOR CONSTRUCTION	Project Title: SEISMICALLY MITIGATE BLDGS. 11,13,16	Project Number: 653-104
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: 13
		Issue Date: 4/3/2026 / Checked: JAH / Drawn: SMB	Drawing Number: HM-001

VA FORM 08 - 6231

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GENERAL NOTES

1. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND STRUCTURAL DRAWINGS FOR REQUIRED PROJECT DETAILS AND COORDINATION.
2. ALL PAINTED SURFACES ARE ASSUMED TO CONTAIN AT LEAST TRACE LEVELS OF LEAD AND OTHER HAZARDOUS METALS; INCLUDING INTERIOR AND EXTERIOR PAINTS. CONTRACTOR PERSONNEL WORKING ON THIS PROJECT SHALL HAVE LEAD AWARENESS TRAINING IN ACCORDANCE WITH 29 CFR 1926.62; THIS INCLUDES ALL TRADES IMPACTING PAINTED SURFACES. REFER TO HAZARDOUS BUILDING MATERIALS SURVEY REPORT DATED MAY 31, 2025 FOR DETAILS.
3. CONTRACTOR(S) MUST SUBMIT LEAD AND PCB ABATEMENT PLANS TO THE VETERANS ADMINISTRATION (VA) FOR REVIEW AND APPROVAL PRIOR TO START OF WORK ACTIVITIES.

LEAD-BASED PAINT NOTES

1. REFER TO SPECIFICATION SECTION 02 83 33 13 FOR LEAD REQUIREMENTS INCLUDING DISPOSAL AND TESTING REQUIREMENTS.
2. THE CONTRACTOR SHALL ASSUME THAT LEAD IS PRESENT IN PAINTED OR PRIMERED SURFACES THROUGHOUT THE PROJECT. ALL WORK THAT MAY DISTURB PAINT OR PRIMER-CONTAINING LEAD OR OTHER LEAD BUILDING MATERIAL (SUCH AS CERAMIC TILE) SHALL BE IN ACCORDANCE WITH 29 CFR 1926.62 AND SPECIFICATION SECTION 02 83 33 13 INCLUDING DUST CONTROL, EMPLOYEE EXPOSURE ASSESSMENTS, AND WASTE CHARACTERIZATION.

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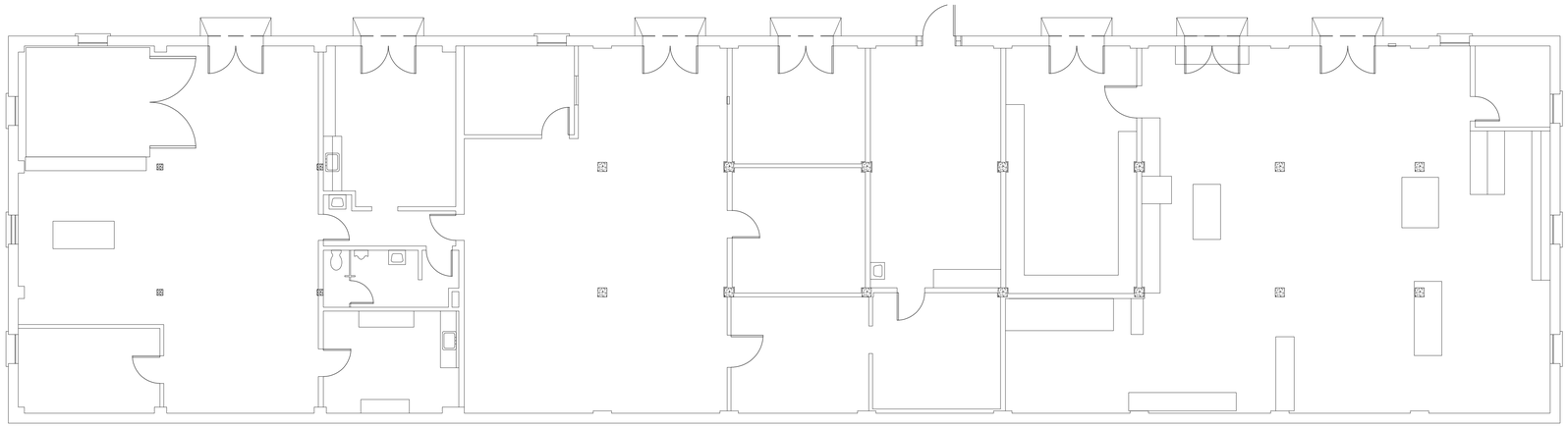
5. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR DE-ENERGIZING IMPACTED LIGHT FIXTURES.



BUILDING 13 LOWER LEVEL
HAZARDOUS MATERIALS REMEDIATION

Revisions:	Date:

CONSULTANT

Consultant:

SAFE ENVIROMENT OF AMERICA, INC dba
MED-TOX NORTHWEST

ARCHITECT/ENGINEER OF RECORD

A/E:

Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
7829 NE ESPERIONE LN
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: HAZARDOUS MATERIALS REMEDIATION	Phase: ISSUED FOR CONSTRUCTION	Project Title: SEISMICALLY MITIGATE BLDGS. 11,13,16	Project Number: 653-104
			Building Number: 13
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: HM-002
		Issue Date: 4/3/2026 · Checked: JAH · Drawn: SMB	

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SYMBOLS

+	ADDED TO
@	AT
L	ANGLE
&	AND
℄	CENTERLINE
Ø	DIAMETER
'	FOOT\FEET
"	INCH\INCHES
PL/ ℘	PLATE
/ /	PARALLEL
⊥	PERPENDICULAR
	SOG REINF OR WWF
	OPENING
	DOWEL
	MTL DK (SECTION)
	METAL DECK (PLAN)
	METAL DECK W/CONC TOPPING (PLAN)
	W SECTION
	STEP IN SLAB\ROOF
	MOMENT CONNECTION

ABBREVIATIONS

A	
AB	ANCHOR BOLT
ABV	ABOVE
AC	ASPHALT CONCRETE
ACI	AMERICAN CONCRETE INSTITUTE
ADDL	ADDITIONAL
AISC	AMERICAN IRON & STEEL INSTITUTE
ALT	ALTERNATE/ING
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ARCH	ARCHITECTURAL
ASCE	AMERICAN SOCIETY CIVIL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
AWS	AMERICAN WELDING SOCIETY
B	
B/	BOTTOM OF
B/DK	BOTTOM OF DECK
B/FTG	BOTTOM OF FOOTING
BEL	BELOW
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BOT/B	BOTTOM
BRG	BEARING
BTWN/BET	BETWEEN
C	
C	CHANNEL
CB	CONCRETE BEAM
CJ	CONSTRUCTION JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR/CLEARANCE
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS/CONTINUATION
COORD	COORDINATE
CP	COMPLETE PENETRATION
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
CTR	CENTER
D	
DBL	DOUBLE
DET/DTL	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DK	DECK
DL	DEAD LOAD
DP	DEEP
DWG	DRAWING
DWL	DOWEL
E	
E	EARTHQUAKE
EA	EACH
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATOR
ELEV/EL	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
F	
FDN	FOUNDATION
FF	FINISH FLOOR
FIN	FINISH(ED)
FJ	FLOOR JOISTS
FLR	FLOOR
FOC	FACE OF CONCRETE
FOS	FACE OF STUD
FT	FOOT/FEET
FTG	FOOTING
G	
GA	GAGE
GALV	GALVANIZED
GL	GRIDLINE
GSN	GENERAL STRUCTURAL NOTES
H	
HCT	HOLLOW CLAY TILE
HDR	HEADER
HK	HOOK
HM	HOLLOW METAL
HND/HD	HAND
HOR/H/HORIZ	HORIZONTAL
HSA	HEADED STUD ANCHOR
HSS	HOLLOW STRUCTURAL SECTION
HT	HEIGHT
HVAC	HEATING, VENTILATION & AIR CONDITIONING
I	
IBC	INTERNATIONAL BUILDING CODE
ICBO	INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS
IJ	ISOLATION JOINT
IN	INCH/INCHES
INCL	INCLUDE
INFO	INFORMATION
INT	INTERIOR
J	
JST	JOIST
JT	JOINT
L	
L	LENGTH
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LONGIT	LONGITUDINAL
LSH	LONG SIDE HORIZONTAL
LSV	LONG SIDE VERTICAL
M	
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR/MANUF	MANUFACTURER
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MP&E	MECHANICAL, PLUMBING AND ELECTRICAL
MPH	MILES PER HOUR
MTL	METAL
N	
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
O	
O/C / OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPG/OPNG	OPENING
OPP	OPPOSITE
P	
PERP	PERPENDICULAR
PL/P	PLATE
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
PR	PAIR
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSRDM	PHYSICAL SECURITY AND RESILIENCE DESIGN MANUAL
PT	PAINT
PVMT	PAVEMENT
Q	
QTY	QUANTITY
R	
RAD	RADIUS
REINF	REINFORCING
REQD	REQUIRED
REV	REVISION, REVERSE
RJ	ROOF JOIST
RO	ROUGH OPENING
S	
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FEET (FOOT)
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SJ	SHRINKAGE JOINT
SJI	STEEL JOIST INSTITUTE
SL	SLAB
SOG	SLAB ON GRADE
SPC	SPACE/SPACING
SPECS	SPECIFICATIONS
SQ	SQUARE
SSMA	STEEL STUD MANUFACTURER ASSOCIATION
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STRUCT	STRUCTURAL
SW	SHEAR WALL
SY	SQUARE YARD
T	
T	TOP
T&B	TOP AND BOTTOM
T/	TOP OF
T/FTG	TOP OF FOOTING
T/STL	TOP OF STEEL
THK/t	THICK/THICKNESS
THRU	THROUGH
TOS	TOP OF STEEL
TOT	TOTAL
TS	TUBE STEEL
TYP	TYPICAL
U	
UBC	UNIFORM BUILDING CODE
UNBAL	UNBALANCED
UNO	UNLESS NOTED OTHERWISE
URM	UNREINFORCED MASONRY
V	
VERT/V	VERTICAL
VIF	VERIFY IN FIELD
W	
W/	WITH
W/O	WITHOUT
WD	WOOD
WDB	WELDED DEFORMED BARS
WP	WORK POINT
WWF	WELDED WIRE FABRIC

GENERAL:

1. THE FOLLOWING STRUCTURAL NOTES APPLY UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.

2. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR WILL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC.

3. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS NOR WILL THE STRUCTURAL ENGINEER BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, PROCEDURES OR SEQUENCES OF CONSTRUCTION, OR THE SAFETY PRECAUTIONS AND THE PROGRAMS INCIDENT THERETO.

4. THE STRUCTURAL NOTES SHALL BE USED ALONG WITH THE PROJECT SPECIFICATIONS AND DRAWINGS. THE CONTRACTOR SHALL REQUEST CLARIFICATION IMMEDIATELY UPON DISCOVERY AND BEFORE PROCEEDING, WHERE A DIFFERENCE BETWEEN STRUCTURAL DRAWINGS, NOTES OR SPECIFICATIONS OCCUR.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS AND CONDITIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. NOTIFY THE CONTRACTING OFFICER'S REPRESENTATIVE OF ANY DISCREPANCIES OR INCONSISTENCIES IMMEDIATELY UPON DISCOVERY.

6. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS SHOWN ON DRAWINGS.

7. THE CONTRACTOR SHALL ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, SECURITY AND OTHER ITEMS WITH APPROPRIATE TRADES, DRAWINGS, AND SUBCONTRACTORS PRIOR TO CONSTRUCTION. NO PENETRATIONS THRU STRUCTURAL MEMBERS ALLOWED UNLESS SHOWN ON STRUCTURAL DRAWINGS OR APPROVED BY STRUCTURAL ENGINEER IN WRITING.

8. PLAN NOTES AND LOCATION SPECIFIC DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.

9. TYPICAL DETAILS ARE NOT CUT ON PLANS, BUT APPLY UNLESS NOTED OTHERWISE. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON PROJECT.

10. WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDUM.

11. ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL AND SIGNATURE OF A REGISTERED STRUCTURAL ENGINEER.

DESIGN CRITERIA:

1. GOVERNING/REFERENCE CODES:
   2022 ASCE 7-22
   2024 INTERNATIONAL BUILDING CODE
   2022 AISC 16TH EDITION
   VA H-18-8 (JULY 2023, REV NOV 2024)
   ASCE 41-23

2. EXISTING BUILDING SEISMIC FORCE RESISTING SYSTEM: UNREINFORCED MASONRY SHEAR WALLS AND FLEXIBLE ROOF DIAPHRAGM AND RIGID 1ST FLOOR DIAPHRAGM (BUILDING 13 IS A TWO-STORY REINFORCED CONCRETE STRUCTURE WITH A DAYLIGHT BASEMENT (GROUND FLOOR), CREATING 2 STORIES OF OCCUPIABLE RECTANGULAR SPACES TOTALING APPROXIMATELY 14,250 SQUARE FEET. IT WAS ORIGINALLY BUILT IN 1933.). THE ORIGINAL BUILDING DOES NOT CONFORM TO CURRENT BUILDING CODES. WITH AN ADDITION IN 1984 AND HAS NOT UNDERGONE A SIGNIFICANT SEISMIC RETROFIT.

   SEISMIC UPGRADES TO THE EXISTING STRUCTURE INCLUDE: NEW CONCRETE/SHOTCRETE SHEAR WALLS IN THE TRANSVERSE DIRECTION,STRONGBACKING OF EXISTING BRICK EXTERIOR WALLS, REMOVAL OF CLAY TILE ROOF TO LIGHTEN DEAD LOAD REPLACING WITH STANDING SEAM METAL ROOF, ADDING A PLYWOOD OVERLAY TO THE STRAIGHT SHEATHING ROOF DIAPHRAGM, REMOVAL OF INTERIOR HOLLOW-CLAY TILE PARTITIONS, POSITIVE OUT OF PLANE AND IN-PLANE ANCHORAGE AT ROOF DIAPHRAGMS AND INDEPENDENT SECONDARY SUPPORT AT ORIGINAL ROOF TRUSS BEARING.

   FACILITY CRITICALITY DESIGNATION: ESSENTIAL
   SITE-SPECIFIC SEISMIC RESPONSE SPECTRUM PER THE GEOTECHNICAL GROUND-MOTION STUDY

   RISK CATEGORY = III

   SITE CLASS: C

   Ss=1.02; S1=0.46 [ASCE 7]
   BSE-2N: Sxs = 1.16 ; Sx1 = 0.65 [ASCE 41]
   BSE-1N: Sxs = 0.78 ; Sx1 = 0.43 [ASCE 41]

   ANALYSIS PROCEDURE USED = NONLINEAR STATIC PROCEDURE

   ASCE STRUCTURAL PERFORMANCE OBJECTIVES: IMMEDIATE OCCUPANCY AT THE BSE-1N; LIFE SAFETY AT THE BSE-2N

   ASCE 41 NON-STRUCTURAL PERFORMANCE OBJECTIVE = OPERATIONAL @ BSE-1N; HAZARDS REDUCED @ BSE-2N

3. LIVE LOADS:
   A. ROOF = 25 PSF (SNOW)
   B. OFFICE = (1ST FLOOR) = 80 PSF
   C. MECH/ELEC. = 150 PSF
   D. LIGHT STORAGE = 125 PSF
   E. CORRIDORS/LOBBIES/STAIRS = 100 PSF

   NOTE: STORAGE SPACES TO BE POSTED IN CONSPICUOUS LOCATION PER IBC REQUIREMENTS

4. MECHANICAL & NON-STRUCTURAL ANCHORAGE:
   A. DESIGN PER ASCE 7-22 CHAPTER 13, SEE SPECIFICATIONS SECTION 13 05 41.

5. GEOTECHNICAL:
   SOIL BEARING SURFACES AND FILL SHALL BE PREPARED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND INSPECTED BY THE GEOTECHNICAL ENGINEER [OR AN APPROVED TESTING AGENCY].

   GEOTECHNICAL REPORT REFERENCE: TERRACON CONSULTANTS INC., REPORT #82245178, DATED FEBRUARY 25, 2025

   FOOTINGS SHALL BE FOUNDED AT LEAST 18" BELOW LOWEST ADJACENT EXTERIOR FINISHED GRADE. OVEREXCAVATE FOOTINGS TO COMPETENT BEARING PER THE GEOTECHNICAL ENGINEER AND PROVIDE COMPACTED BACKFILL PER THE GEOTECHNICAL ENGINEER OR PROJECT SPECIFICATIONS. THE GEOTECHNICAL ENGINEER SHALL APPROVE FOOTING EXCAVATION / PREPARATION PRIOR TO PLACEMENT OF ALL FOOTINGS. FOOTING DEPTHS AND ELEVATIONS SHOWN ON DRAWINGS ARE MINIMUM AND FOR GUIDANCE ONLY; CONTRACTOR SHALL ESTABLISH ACTUAL ELEVATIONS IN FIELD. BACKFILL BEHIND ALL WALLS AND PROVIDE FOR SUBSURFACE DRAINAGE AS RECOMMENDED IN THE GEOTECHNICAL REPORT AND SPECIFICATIONS.

   SOIL PROFILE TYPE SITE CLASS "C"
   ALLOWABLE VERTICAL DESIGN PRESSURE: 6,000 PSF
   LATERAL EARTH PRESSURE; LEVEL BACKFILL:
   UNRESTRAINED (ACTIVE): 40 PCF
   RESTRAINED (AT-REST) 55 PCF
   ALLOWABLE PASSIVE PRESSURE 250 PCF, FS = 1.5
   ALLOWABLE FRICTION COEFFICIENT: 0.27, FS = 1.5

CONCRETE:

1. CONCRETE FOR THE PROJECT SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH fc' AT 28 DAYS WITH A MINIMUM CEMENT QUANTITY PER SPECIFICATION.

   A. SLAB-ON-GRADE/FOUNDATIONS fc' = 4000 PSI
   B. CONCRETE OVERLAY SHEAR WALLS fc' = 4,000 PSI
   C. GROUT UNDER COLUMN BASE PLATES SHALL HAVE fc' = 6000 PSI

2. ALL REINFORCING STEEL FOR THE PROJECT SHALL BE DEFORMED BARS AND SHALL CONFORM TO THE FOLLOWING ASTM STANDARD DESIGNATIONS.

   A. #4 BARS AND LARGER IN CONCRETE AND MASONRY - A-615, GRADE 60 KSI
   B. ANY REINFORCING TO BE WELDED - A-706, GRADE 60 KSI
   C. VERTICAL REINFORCEMENT IN SHEAR WALLS AND COLUMNS/PILASTERS - A706 GRADE 60 LOW ALLOY

3. REINFORCEMENT LAPS CONCRETE:

   A. VERTICAL BARS - CLASS B
   B. HORIZONTAL BARS - CLASS B (2'-0" MINIMUM)

4. THE FOLLOWING MINIMUM COVER SHALL BE PROVIDED FOR REINFORCEMENT PLACED IN CONCRETE (UNLESS NOTED OTHERWISE):

   A. CONCRETE WALLS EXPOSED TO EARTH OR WEATHER - 2"
   B. CONCRETE NOT EXPOSED TO EARTH OR WEATHER - 1 1/2" [BEAMS/COLS]
   C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER - 1" [SLABS/WALLS]
   D. CONCRETE CAST AGAINST EARTH - 3"

STRUCTURAL STEEL AND MISCELLANEOUS METALS:

1. DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION AISC SPECIFICATIONS, SECTION 5 AND AWS D1 .1 SPECIFICATIONS AS MODIFIED BY THE CONTRACT SPECIFICATIONS.

2. ALL STRUCTURAL STEEL WIDE FLANGE BEAMS SHALL BE ASTM A-992. GRADE 50 KSI.

3. MISCELLANEOUS STEEL SHALL BE ASTM A-36 (FY = 36 KSI).

4. ALL STEEL TUBE COLUMNS/BRACES SHALL BE ASTM A-500 GRADE B (FY = 46 KSI).

5. ALL STEEL PIPE COLUMNS/BRACES SHALL BE ASTM A-501 GRADE B. TYPE E OR S (Fy = 35 KSI).

WELDED CONNECTIONS:

1. WHERE SIZE OF WELD IS NOT INDICATED, IT SHALL DEVELOP THE FULL STRENGTH OF MEMBER AND CONNECTION.

2. NO SPLICES IN STEEL BEAMS OR COLUMNS MAY BE MADE OTHER THAN THOSE DETAILED ON THE DRAWINGS UNLESS SHOWN ON SHOP DRAWINGS AND APPROVED BY CONTRACTING OFFICERS REPRESENTATIVE.

3. ALL BEVEL GROOVE WELDS SHALL BE COMPLETE PENETRATION WELDS UNLESS NOTED OTHERWISE.

4. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS - SEE SPECS.

BOLTED CONNECTIONS:

1. BOLTED CONNECTIONS SHALL CONFORM TO AISC STANDARD BOLTED CONNECTIONS WITH MAXIMUM NUMBER OF 3/4" DIAMETER A-325N BOLTS UNLESS DETAILED ON DRAWINGS (SEE FRAMED BEAM CONNECTIONS, TABLES 10-1, 10-2, 10-3, 10-4 OR 10-9 OF AISC MANUAL OF STEEL CONSTRUCTION). HIGH STRENGTH BOLTS INCLUDING NUTS AND WASHERS SHALL BE IN ACCORDANCE WITH ASTM SPECIFICATIONS AND SHALL MINIMALLY MEET "SNUG TIGHT" CRITERIA AS DEFINED IN AISC "SPECIFICATION FOR STRUCTURAL JOINTS …" UNO.

2. NO SLOTTED HOLES PERMITTED AT STEEL CONNECTIONS UNLESS APPROVED BY THE CONTRACTING OFFICER'S REPRESENTATIVE.

3. WHERE BOLT HOLES IN STEEL MEMBERS ARE ENLARGED TO MORE THAN 1 /16" DIAMETER OVERSIZE AT CONNECTION BOLTS (3/16" DIAMETER AT ANCHOR BOLTS), PROVIDE 5/16" x 2-1/2" x 2-1/2" PLATE WASHERS WITH PROPER DIAMETER HOLE. PLATE WASHERS SHALL BE WELDED TO STEEL MEMBER WITH 3/16" FILLET WELD ALL AROUND.

4. THREADED RODS SHALL BE ASTM F1554 GR 55 W/ WELD SUPPLEMENT S-1, HEADED STUDS & THREADED STUDS SHALL BE ASTM A29, WELDED DEFORMED BARS (WDB) SHALL BE ASTM A496.

POST INSTALLED CONCRETE ANCHORS:

1. DRILLED AND EPOXY GROUTED CONCRETE ANCHORS AND ADHESIVE BAR ANCHORS, SHALL BE EPOXY GROUTED WITH SIMPSON SET 3G, DEWALT ALT PURE 110+. OR HILTI HIT-RE 500 V3 EPOXY ADHESIVE OR APPROVED EQUIVALENT UNO. DRILL OVERSIZE HOLES, CLEAN, AND APPLY EPOXY PER MFR PRINTED INSTRUCTIONS. EPOXY SHALL BE MIXED, APPLIED AND CURED IN STRICT ACCORDANCE WITH MFR PRINTED INSTRUCTIONS. APPLY EPOXY ONLY TO CLEAN AND DRY CONCRETE AND PROVIDE PROTECTION SO DOWELS ARE NOT DISTURBED DURING THE CURING PERIOD.

2. EXPANSION ANCHORS SHALL BE HILTI "KWIK BOLT TZ2", SIMPSON STRONG BOLT 2, OR DEWALT "POWER SUD+ SD2" OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURERS PRINTED INSTRUCTIONS.

SHOP DRAWINGS AND SUBMITTALS:

1. SHOP DRAWINGS SHALL BE PREPARED AND SUBMITTED FOR REVIEW BY THE PARTY DENOTED IN THE SPECIFICATIONS. FOR EACH STRUCTURAL BUILDING MATERIAL SPECIFIED.

STATEMENT OF SPECIAL INSPECTION:

1. SEE SPEC SECTIONS 014535 - SPECIAL INSPECTIONS AND 014529 - TESTING LABORATORY SERVICES FOR MATERIALS, WORK, TYPE AND EXTENT OF EACH SPECIAL INSPECTION OR TEST.

MASONRY ANCHORAGE:

1. POST-INSTALLED MASONRY ANCHORS INTO EXISTING BRICK MASONRY WALLS SHALL BE THREADED ROD WITH HY-270 BY HILTI, AC100+ GOLD BY DEWALT, ET-3G BY SIMPSON STRONG-TIE, OR APPROVED EQUAL. PROVIDE SCREEN TUBES AT ALL EPOXY ANCHORS INTO BRICK MASONRY WALLS. EPOXY ANCHOR AND SCREEN TUBE ASSEMBLIES SHALL BE PULL TESTED PER MANUFACTURERS SPECIFICATIONS PRIOR TO INSTALLATION IN ORDER TO VERIFY CAPACITY AND SPACING.

2. SCREWS INTO CONCRETE OR BRICK FROM LIGHT GAUGE STRONGBACK WALLS SHALL BE AS NOTED IN THE DETAILS OR APPROVED EQUAL WITH MIN EMBED OF 1 1/2" (UNO).

EXISTING REBAR SCANNING:

THE GENERAL CONTRACTOR SHALL SELECT THE APPROPRIATE SCANNING METHODS BASED ON THE CONSTRUCTION MEANS AND METHODS REQUIRED TO INSTALL POST-INSTALLED ANCHORS IN ACCORDANCE WITH DETAILS. GROUND PENETRATING RADAR, X-RAY, AND MAGNETIC-BASED METHODS ARE ALL ACCEPTABLE METHODS OF SCANNING. HOWEVER, CERTAIN METHODS MAY HAVE LIMITATIONS AND THE APPROPRIATE METHODS AND EQUIPMENT MUST BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. DO NOT CUT, DAMAGE, OR REMOVE EXISTING REBAR TO INSTALL ANCHORS.

SHOTCRETE:

SHOTCRETE PROCEDURE SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS, IBC SECTION 1908 AND ACI 318. REINFORCING LAP SPLICES SHALL BE DETAILED ON SHOP DRAWINGS. NON-CONTACT LAP SPLICES, IF USED, SHALL HAVE A MAXIMUM CLEAR SPACE OF 4" BETWEEN BARS.

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

A/E:
Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
900 WINSLOW WAY E, SUITE 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL STRUCTURAL NOTES	Phase: ISSUED FOR CONSTRUCTION	Project Title: Seismic Retrofit and Renovate Building 13	Project Number: 653-104
			Building Number: B13
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: S-001
		Issue Date: 4/3/2026 · Checked: BEM · Drawn: AJW	

VA FORM 08 - 6231

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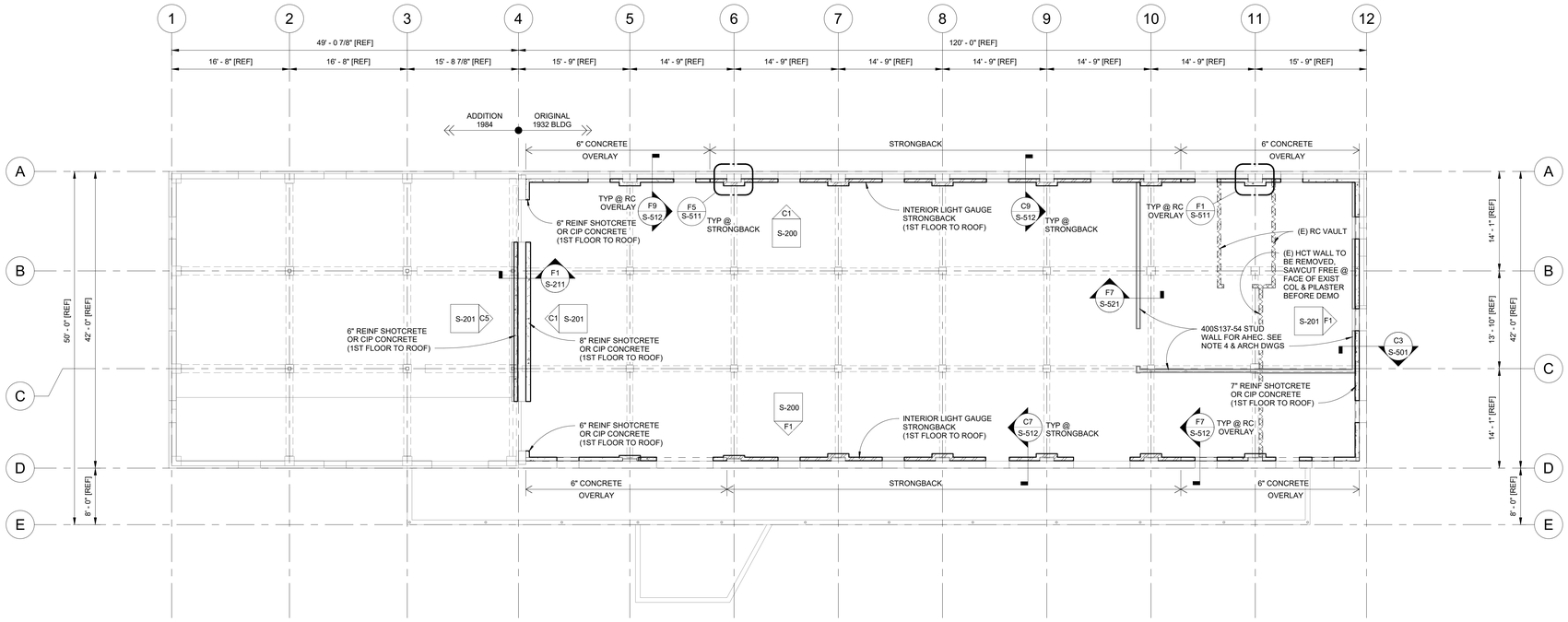


C1 FIRST FLOOR FRAMING PLAN

1/8" = 1'-0"

FLOOR FRAMING NOTES

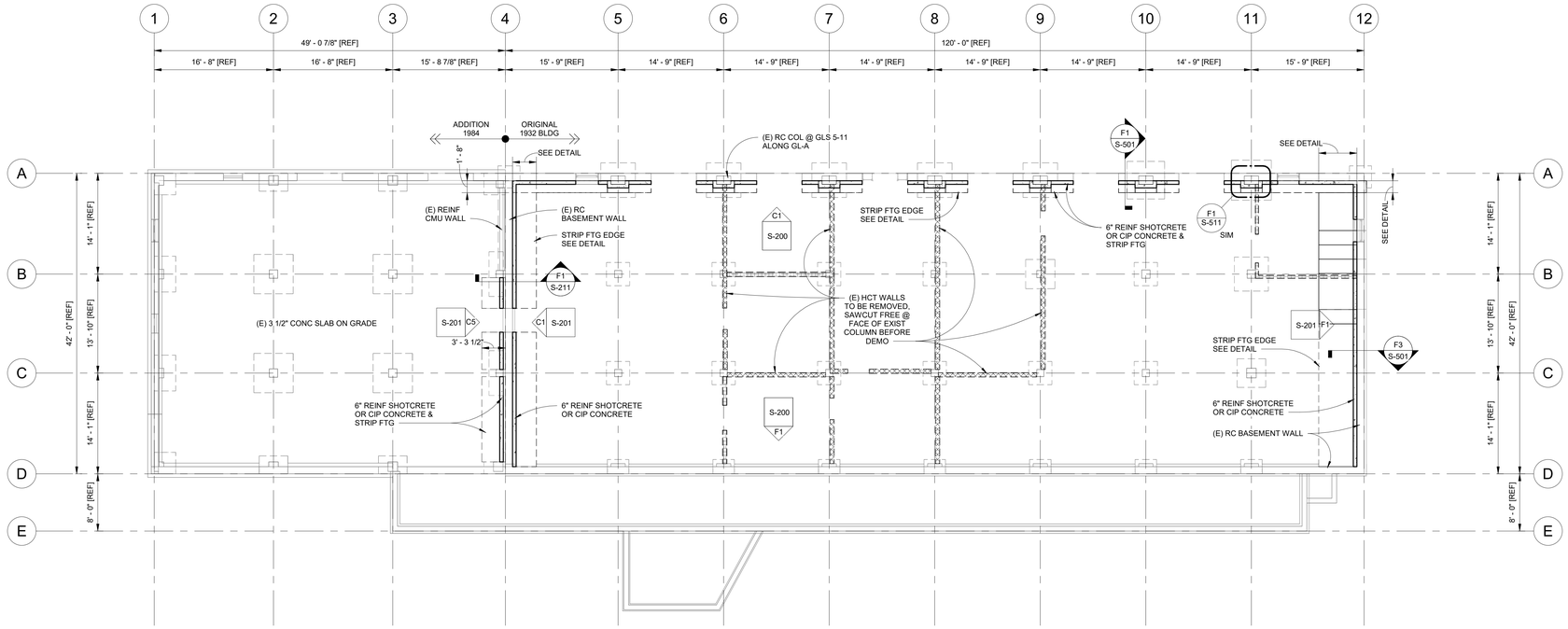
1. SEE SHEET S001 FOR GENERAL STRUCTURAL NOTES.
2. ALL REFERENCE [REF] DIMENSIONS, ELEVATIONS, AND LOCATIONS OF EXISTING STRUCTURAL COMPONENTS ARE BASED ON INFORMATION GATHERED FROM ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY THE VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) WHERE CONDITIONS VARY FROM THOSE SHOWN.
3. FOR ALL WALLS TO RECEIVE CONCRETE OVERLAY OR LIGHT GAUGE STRONGBACK, REMOVE ALL ITEMS ATTACHED TO THE EXISTING URM WALL (CONDUITS, EQUIPMENT, DUCTS, APPURTENANCES ETC) SO THAT THE WORK CAN OCCUR. THEN RE-ATTACH TO THE FACE OF THE UPGRADE WHEN IT IS COMPLETE.
4. PLACE AHEC STUD WALL @ GL-12 AFTER ALL CONCRETE OVERLAY WORK IS COMPLETE ON GL-12.

WALL LEGEND

WALL TO BE DEMOLISHED

CLAY TILE

UNKNOWN



F1 FOUNDATION PLAN

1/8" = 1'-0"

FOUNDATION NOTES

1. SEE SHEET S001 FOR GENERAL STRUCTURAL NOTES.
2. ALL REFERENCE [REF] DIMENSIONS, ELEVATIONS, AND LOCATIONS OF EXISTING STRUCTURAL COMPONENTS ARE BASED ON INFORMATION GATHERED FROM ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY THE VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) WHERE CONDITIONS VARY FROM THOSE SHOWN.
3. FOR ALL WALLS TO RECEIVE CONCRETE OVERLAY OR LIGHT GAUGE STRONGBACK, REMOVE ALL ITEMS ATTACHED TO THE EXISTING URM WALL (CONDUITS, EQUIPMENT, DUCTS, APPURTENANCES ETC) SO THAT THE WORK CAN OCCUR. THEN RE-ATTACH TO THE FACE OF THE UPGRADE WHEN IT IS COMPLETE.

SHEET NOTE:

ALL REFERENCE [REF] DIMENSIONS, ELEVATIONS, AND LOCATIONS OF EXISTING STRUCTURAL COMPONENTS ARE BASED ON INFORMATION GATHERED FROM ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY THE VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) WHERE CONDITIONS VARY FROM THOSE SHOWN.

0 8 12 16 24

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

A/E:

Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
900 WINSLOW WAY E, SUITE 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FOUNDATION & 1ST FLOOR PLANS	Phase: ISSUED FOR CONSTRUCTION	Project Title: Seismic Retrofit and Renovate Building 13	Project Number: 653-104
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: B13
		Issue Date: 4/3/2026 · Checked: BEM · Drawn: AJW	Drawing Number: S-100

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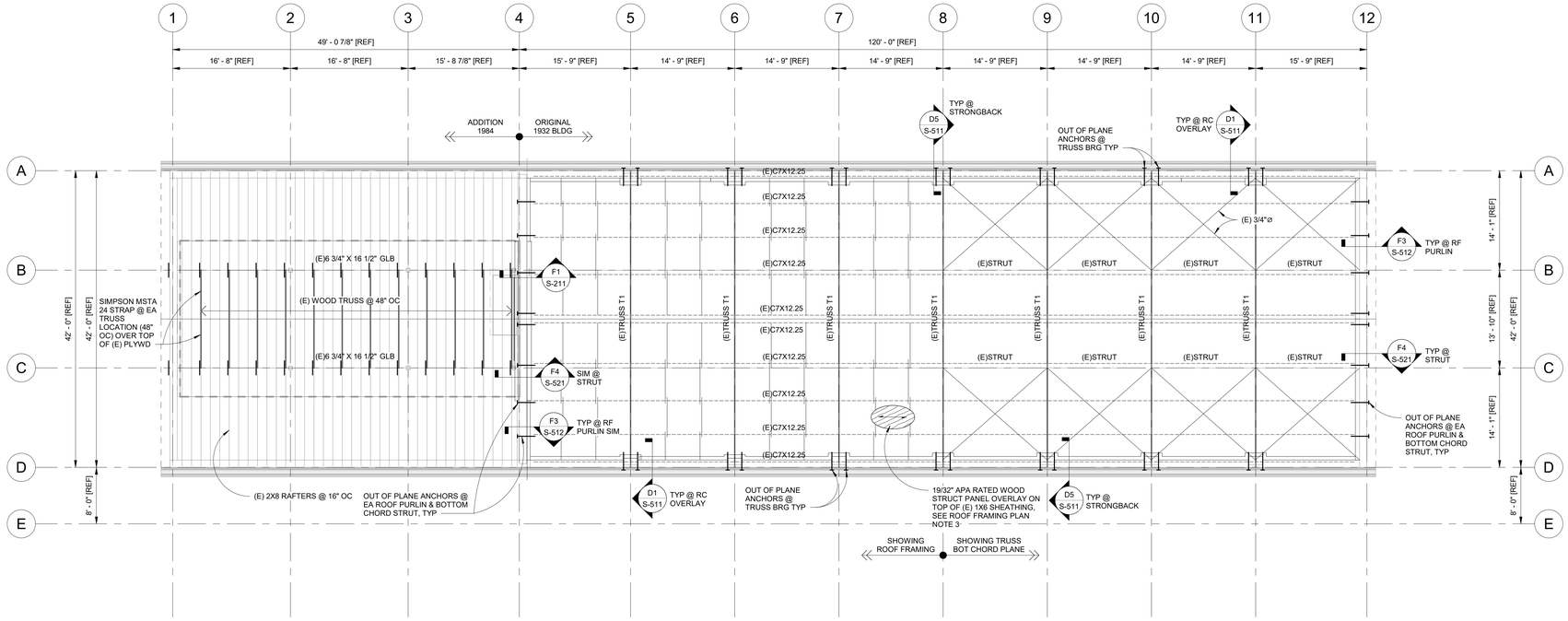


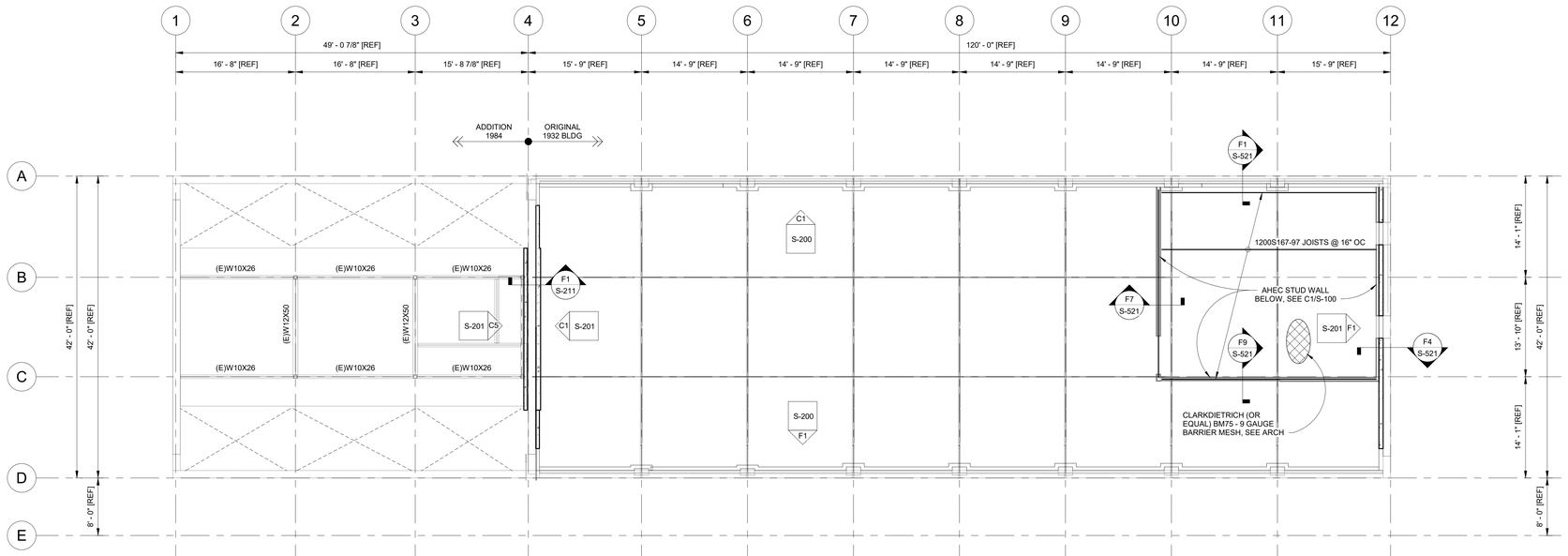
C1 ROOF FRAMING PLAN
1/8" = 1'-0"

ROOF FRAMING NOTES

1. SEE SHEET S001 FOR GENERAL STRUCTURAL NOTES.
2. ALL REFERENCE [REF] DIMENSIONS, ELEVATIONS, AND LOCATIONS OF EXISTING STRUCTURAL COMPONENTS ARE BASED ON INFORMATION GATHERED FROM ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY THE VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) WHERE CONDITIONS VARY FROM THOSE SHOWN.
3. FASTEN PLYWOOD OVERLAY W/ #9 X 3 1/4" EXTERIOR WOOD SCREWS @ 4" OC @ DIAPHRAGM BOUNDARY (GRIDLINES A, D, 4, 12, &1) & 6" OC @ SUPPORTED PANEL EDGES & @ 12" OC MAX @ INTERMEDIATE FRAMING MEMBERS. PRE-DRILL LEAD HOLES FOR SCREWS 3/32"ø TO PREVENT SPLITTING EXISTING 1X SHEATHING & ROOF RAFTERS. OFFSET PLYWOOD FROM EXISTING 1X PLANK EDGES TO AVOE1 /S-521TING. SEE DETAIL

WALL LEGEND

- WALL TO BE DEMOLISHED
- CLAY TILE
- UNKNOWN



F1 MEZZANINE FRAMING PLAN
1/8" = 1'-0"

FLOOR FRAMING NOTES

1. SEE SHEET S001 FOR GENERAL STRUCTURAL NOTES.
2. ALL REFERENCE [REF] DIMENSIONS, ELEVATIONS, AND LOCATIONS OF EXISTING STRUCTURAL COMPONENTS ARE BASED ON INFORMATION GATHERED FROM ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY THE VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) WHERE CONDITIONS VARY FROM THOSE SHOWN.
3. FOR ALL WALLS TO RECEIVE CONCRETE OVERLAY OR LIGHT GAUGE STRONGBACK, REMOVE ALL ITEMS ATTACHED TO THE EXISTING URM WALL (CONDUITS, EQUIPMENT, DUCTS, APPURTENANCES ETC) SO THAT THE WORK CAN OCCUR. THEN RE-ATTACH TO THE FACE OF THE UPGRADE WHEN IT IS COMPLETE.
4. PLACE AHEC STUD WALL @ GL-12 AFTER ALL CONCRETE OVERLAY WORK IS COMPLETE ON GL-12.

SHEET NOTE:

ALL REFERENCE [REF] DIMENSIONS, ELEVATIONS, AND LOCATIONS OF EXISTING STRUCTURAL COMPONENTS ARE BASED ON INFORMATION GATHERED FROM ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY THE VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) WHERE CONDITIONS VARY FROM THOSE SHOWN.

0 8 12 16 24

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

A/E:
BLUE TRIDENT, LLC
900 WINSLOW WAY E, SUITE 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
MEZZANINE & ROOF FRAMING PLANS	ISSUED FOR CONSTRUCTION	Seismic Retrofit and Renovate Building 13	653-104
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: B13
		Issue Date: 4/3/2026 · Checked: BEM · Drawn: AJW	Drawing Number: S-101

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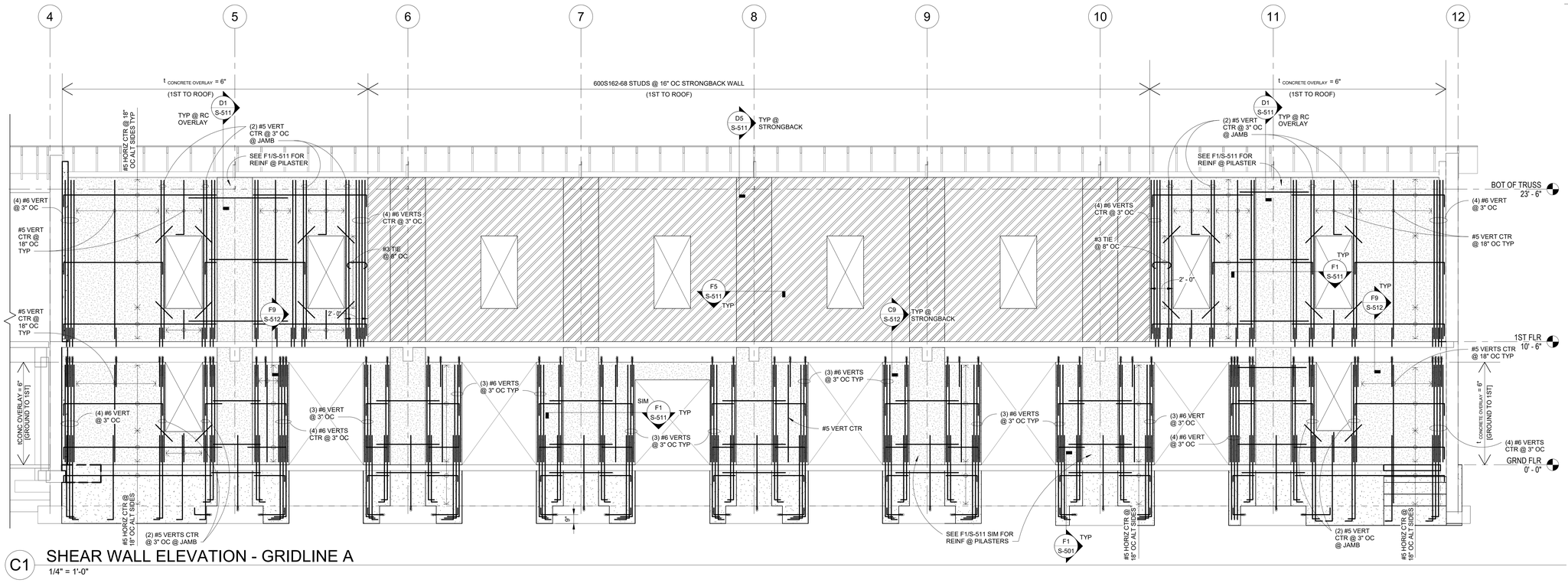
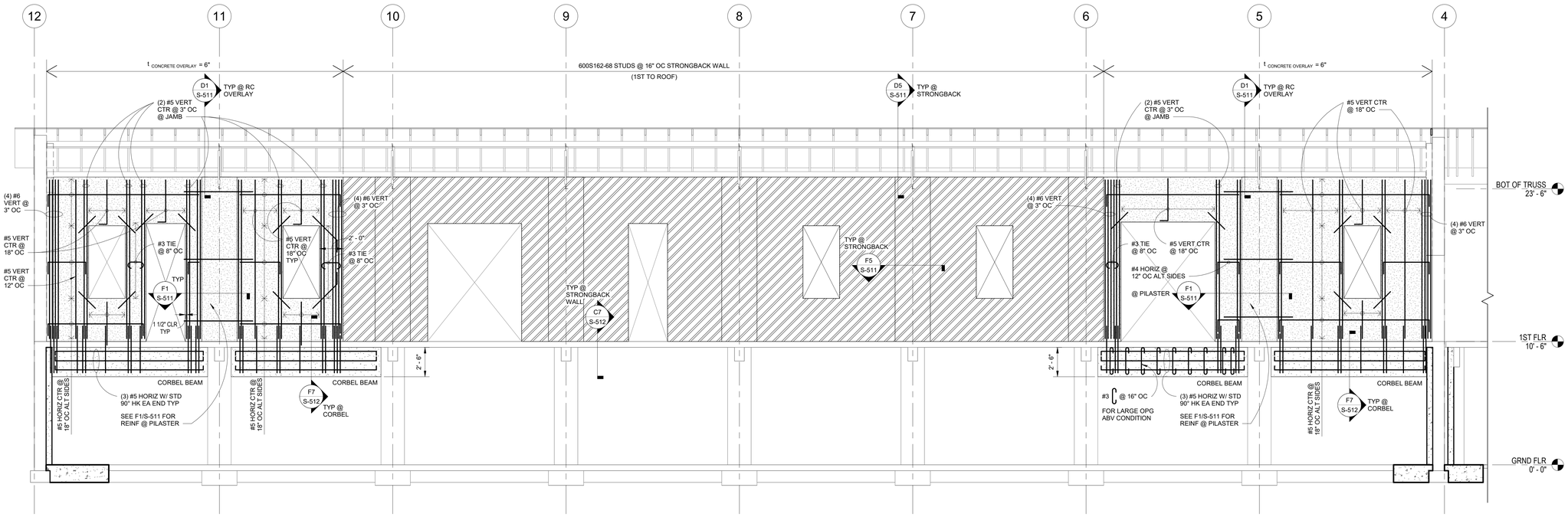


C1 SHEAR WALL ELEVATION - GRIDLINE A

1/4" = 1'-0"



F1 SHEAR WALL ELEVATION - GRIDLINE D

1/4" = 1'-0"

SHEAR WALL ELEVATION NOTES

1. SEE SHEET S001 FOR GENERAL STRUCTURAL NOTES.
2. SEE DETAIL C1/S-521 FOR TYP LIGHT GAUGE FRAMING DETAILS.
3. FOR TYP STRONGBACK CONN INFO SEE D3/S-512.
4. FOR TYP REINF CONCRETE OVERLAY CONN INFO SEE D1/S-512 & F1/S-512. SEE F7/S-211 FOR TYP DOWEL PATTERN GL-A & GL-D.
5. AT OPENINGS USE #5 DIAG X 4'-0" PLACED @ 45° ANGLE @ 3" CLR FROM CORNER, TYP. TRIM STEEL @ HEADS & SILLS SHALL BE (2) #6 @ 3" OC UNO.
6. FOR ALL WALLS TO RECEIVE CONCRETE OVERLAY OR LIGHT GAUGE STRONGBACK, REMOVE ALL ITEMS ATTACHED TO THE EXISTING URM WALL (CONDUITS, EQUIPMENT, DUCTS, APPURTENANCES ETC) SO THAT THE WORK CAN OCCUR. THEN RE-ATTACH TO THE FACE OF THE UPGRADE WHEN IT IS COMPLETE.

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

A/E:

Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
900 WINSLOW WAY E, SUITE 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BUTISTA, PE, F.SAME

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SHEAR WALL ELEVATIONS	ISSUED FOR CONSTRUCTION	Seismic Retrofit and Renovate Building 13	653-104
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: B13
		Issue Date: 4/3/2026 · Checked: BEM · Drawn: AJW	Drawing Number: S-200

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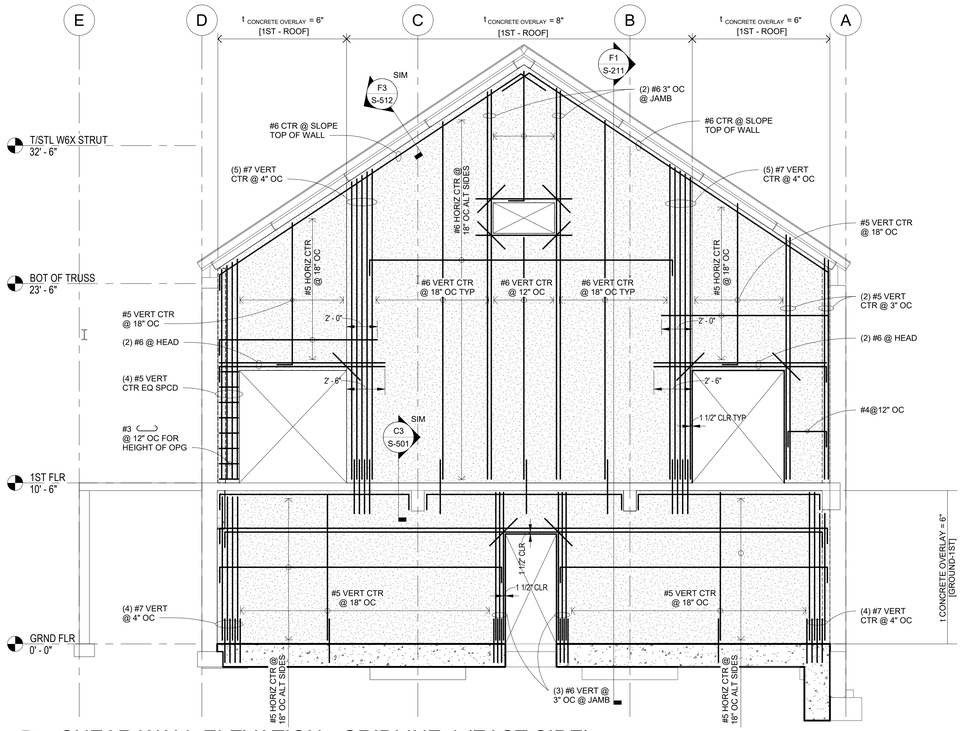
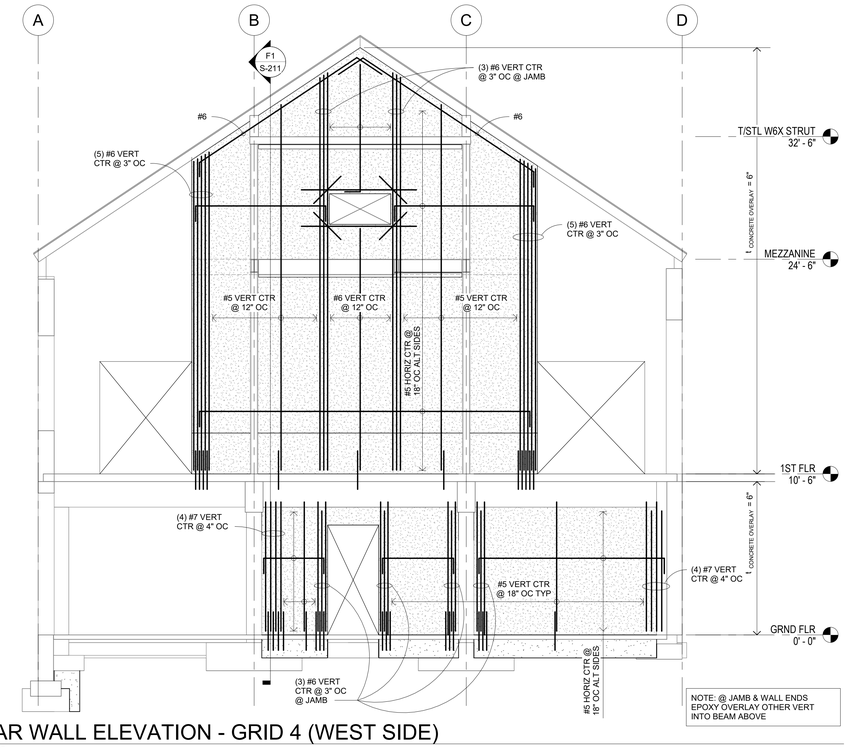


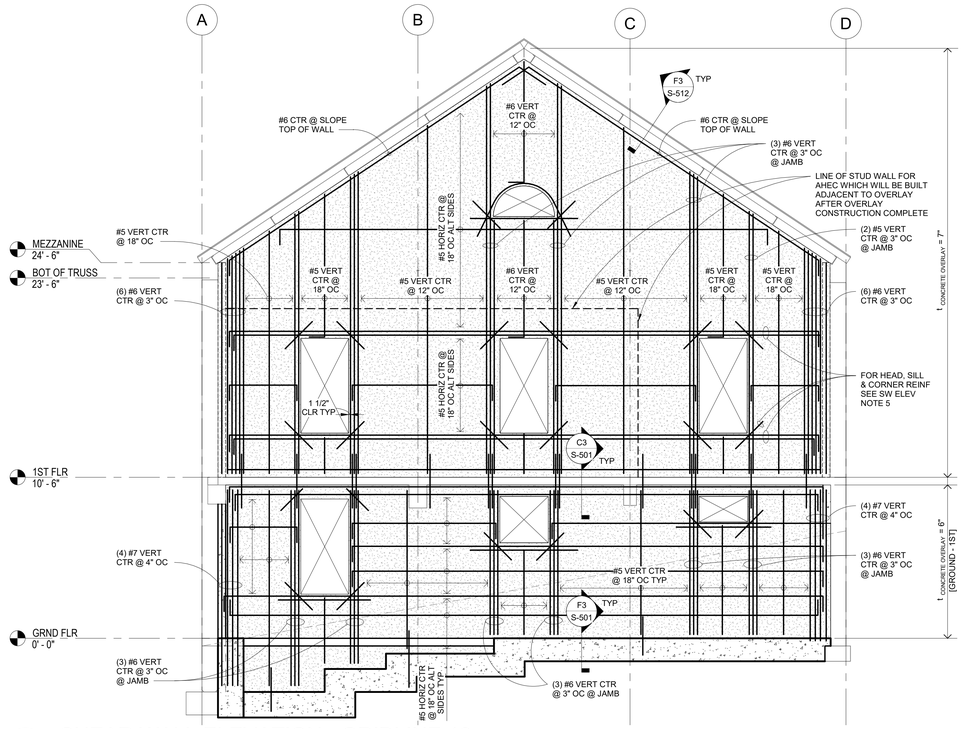
C1 SHEAR WALL ELEVATION - GRIDLINE 4 (EAST SIDE)
1/4" = 1'-0"



C5 SHEAR WALL ELEVATION - GRID 4 (WEST SIDE)
1/4" = 1'-0"

SHEAR WALL ELEVATION NOTES

1. SEE SHEET S001 FOR GENERAL STRUCTURAL NOTES.
2. SEE DETAIL C1/S-521 FOR TYP LIGHT GAUGE FRAMING DETAILS.
3. FOR TYP STRONGBACK CONN INFO SEE D3/S-512.
4. FOR TYP REINF CONCRETE OVERLAY CONN INFO SEE D1/S-512 & F1/S-512. SEE F7/S-211 FOR TYP DOWEL PATTERN GL-A & GL-D.
5. AT OPENINGS USE #5 DIAG X 4'-0" PLACED @ 45° ANGLE @ 3" CLR FROM CORNER, TYP. TRIM STEEL @ HEADS & SILLS SHALL BE (2) #6 @ 3" OC UNO.
6. FOR ALL WALLS TO RECEIVE CONCRETE OVERLAY OR LIGHT GAUGE STRONGBACK, REMOVE ALL ITEMS ATTACHED TO THE EXISTING URM WALL (CONDUITS, EQUIPMENT, DUCTS, APPURTENANCES ETC) SO THAT THE WORK CAN OCCUR. THEN RE-ATTACH TO THE FACE OF THE UPGRADE WHEN IT IS COMPLETE.



F1 SHEAR WALL ELEVATION - GRIDLINE 12
1/4" = 1'-0"

0 4 6 8 12

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

A/E:
Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
900 WINSLOW WAY E, SUITE 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SHEAR WALL ELEVATIONS	ISSUED FOR CONSTRUCTION	Seismic Retrofit and Renovate Building 13	653-104
			Building Number B13
Approved:	FULLY SPRINKLERED	Location VA Roseburg Healthcare System	Drawing Number S-201
		Issue Date 4/3/2026 · Checked BEM · Drawn AJW	

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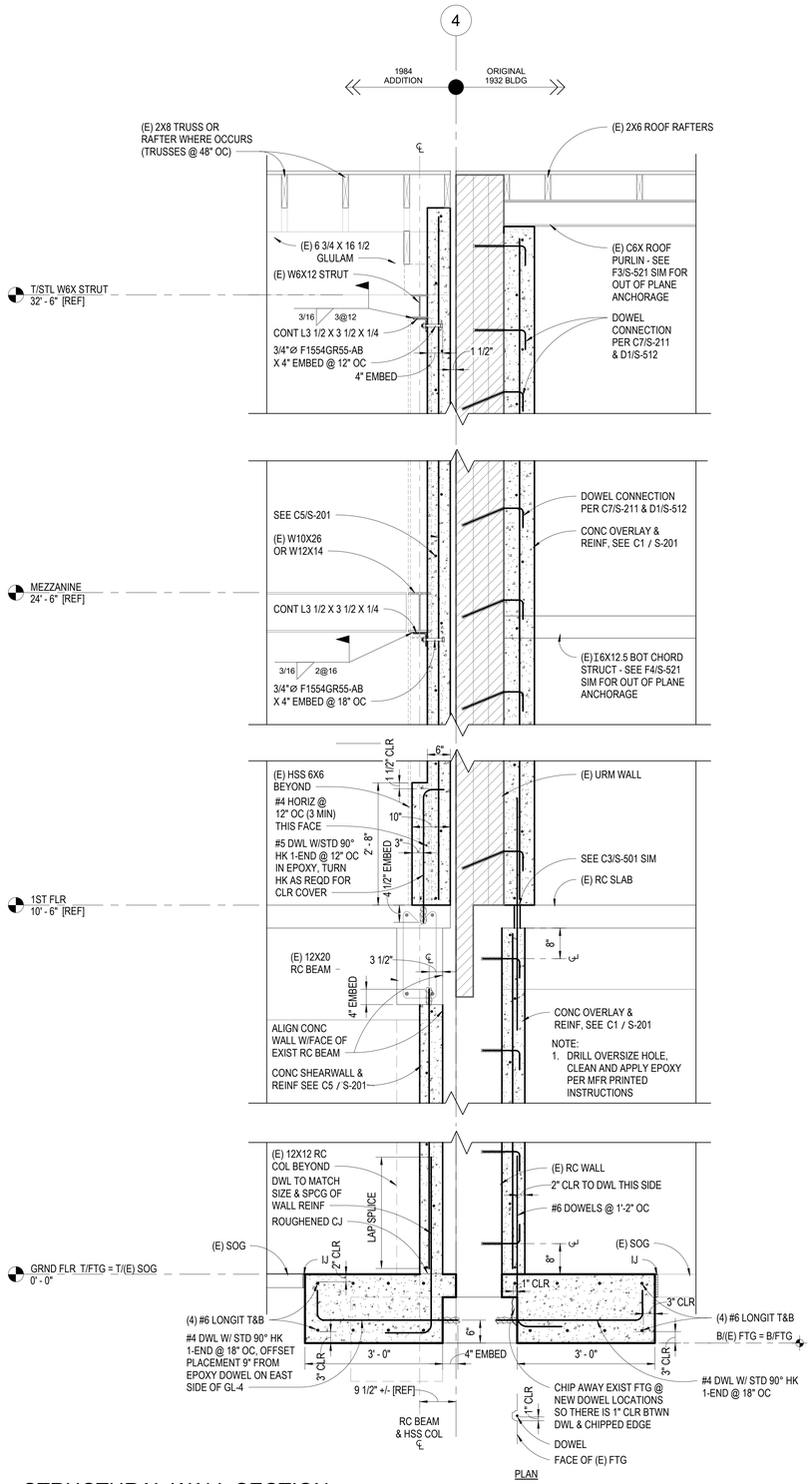
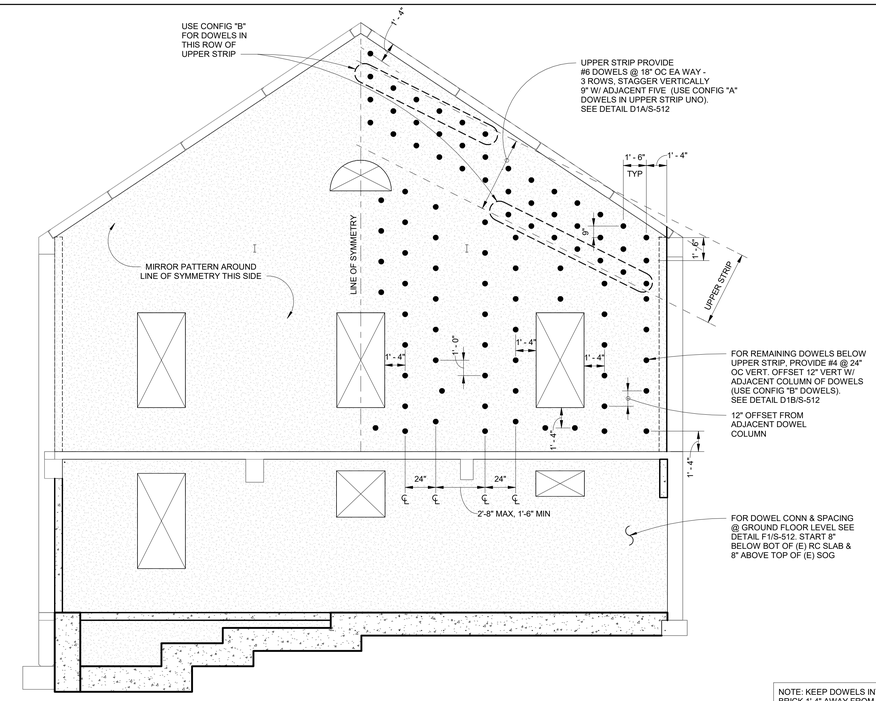
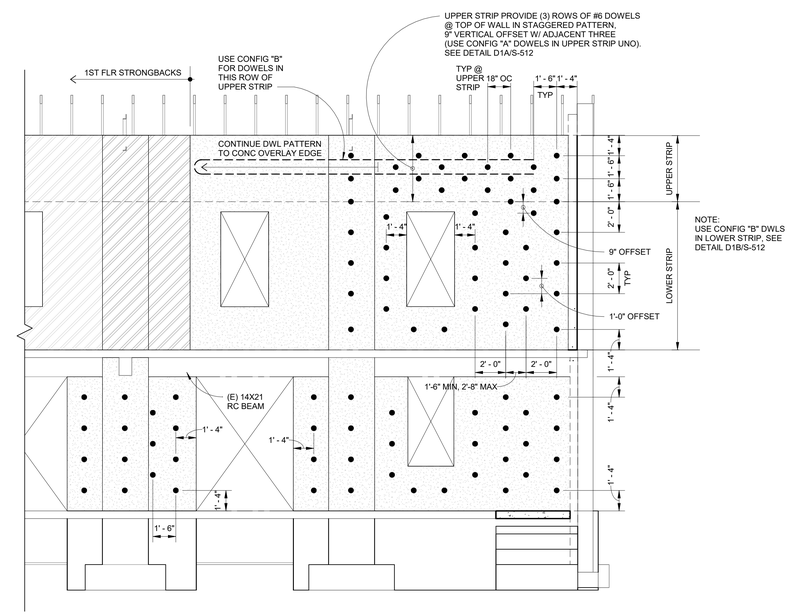


F1 STRUCTURAL WALL SECTION
3/4" = 1'-0"



NOTE: KEEP DOWELS INTO BRICK 1'-4" AWAY FROM WINDOW/DOOR OPENING EDGES & BUILDING EDGE

C7 TYPICAL DOWEL PATTERN @ GABLE END WALLS (GL-4 & GL-12
1/4" = 1'-0"



NOTE: KEEP DOWELS INTO BRICK 1'-4" AWAY FROM WINDOW/DOOR OPENING EDGES & BUILDING EDGE

F7 TYPICAL DOWEL PATTERN @ GL-A (GL-D SIM @ 1ST FLR)
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 WINSLOW WAY E, SUITE 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
DOWEL PLACEMENT ELEVATIONS	ISSUED FOR CONSTRUCTION	Seismic Retrofit and Renovate Building 13	653-104
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: B13
		Issue Date: 4/3/2026 · Checked: BEM · Drawn: AJW	Drawing Number: S-211

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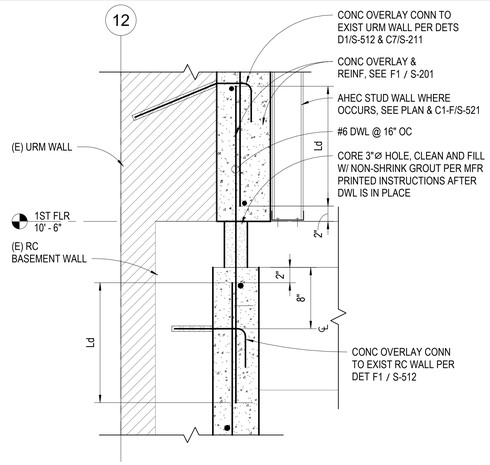
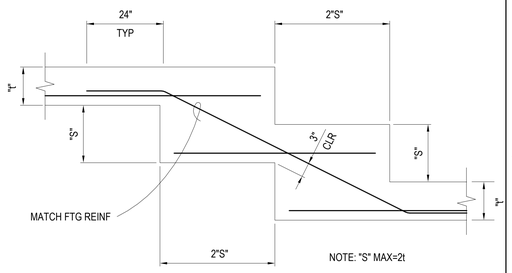
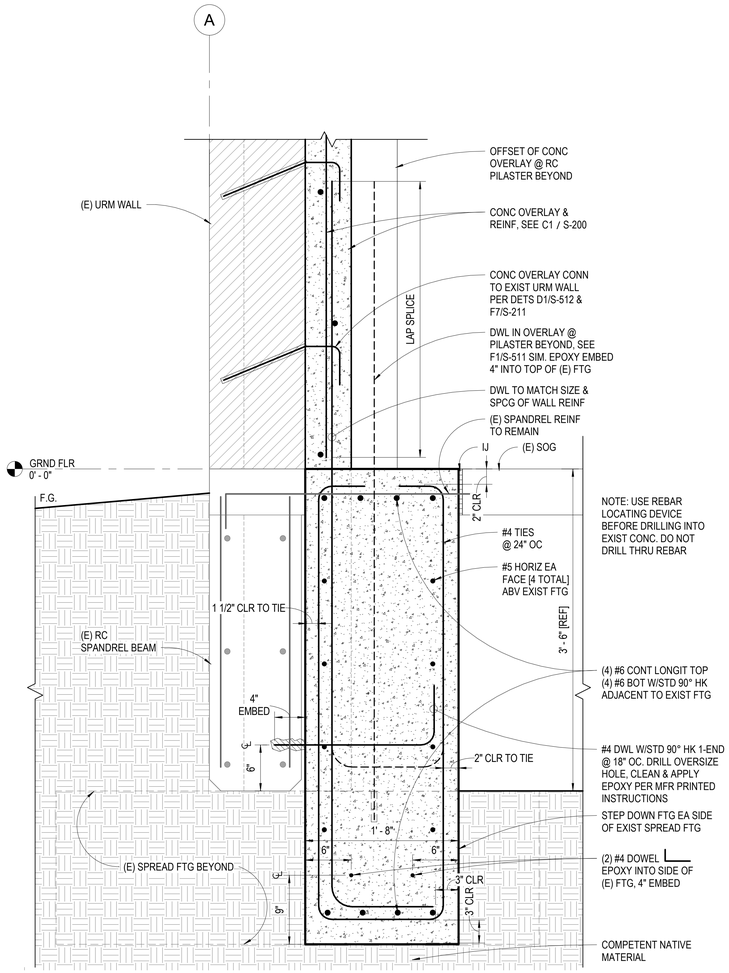


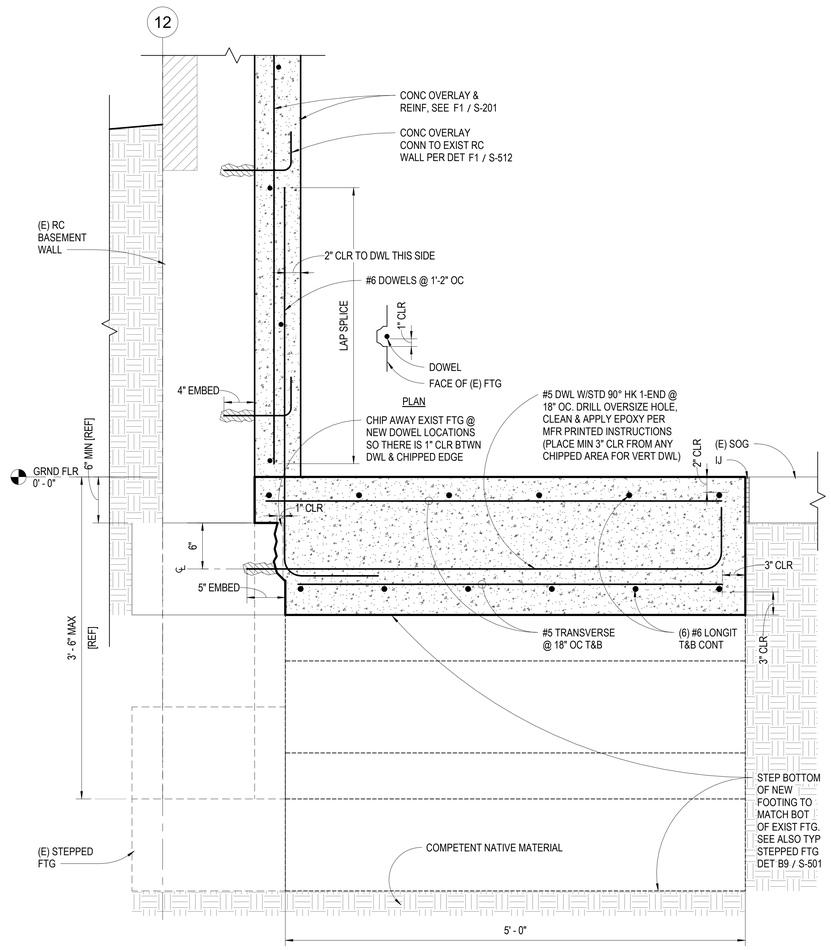
C3 SECTION @ 1ST FLR
1 1/2" = 1'-0"



B9 TYP STEPPED FTG
1 1/2" = 1'-0"



F1 SECTION @ FOUNDATION GL-A
1 1/2" = 1'-0"
[BETWEEN PILASTERS]



F3 SECTION @ FOUNDATION GL-12
1 1/2" = 1'-0"

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

A/E:
Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
900 WINSLOW WAY E, SUITE 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
CONCRETE DETAILS	ISSUED FOR CONSTRUCTION	Seismic Retrofit and Renovate Building 13	653-104
			Building Number: B13
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: S-501
		Issue Date: 4/3/2026 · Checked: BEM · Drawn: AJW	

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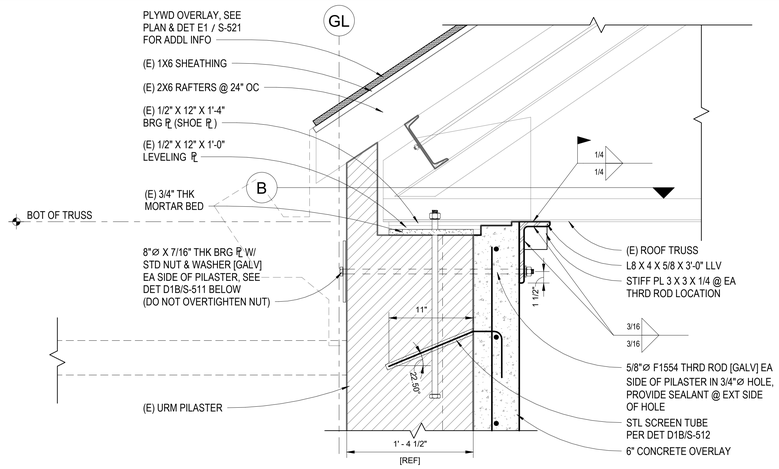
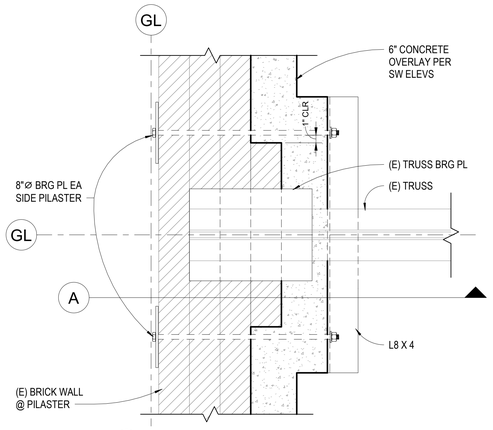


A SECTION @ URM PILASTER TRUSS BRG

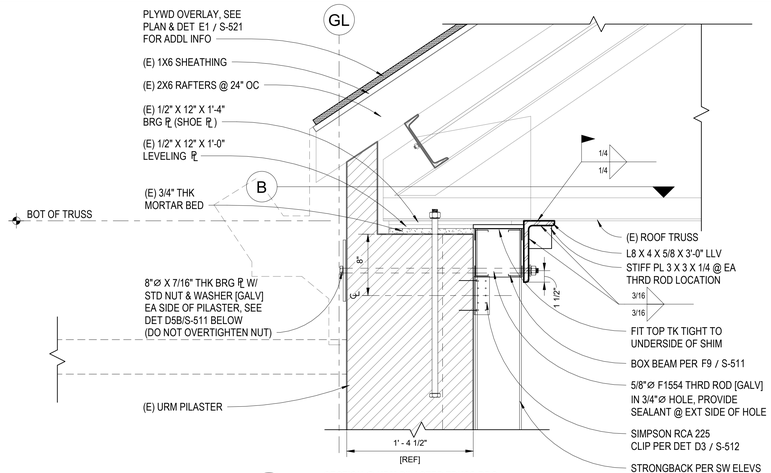


B PLAN @ URM PILASTER TRUSS BRG

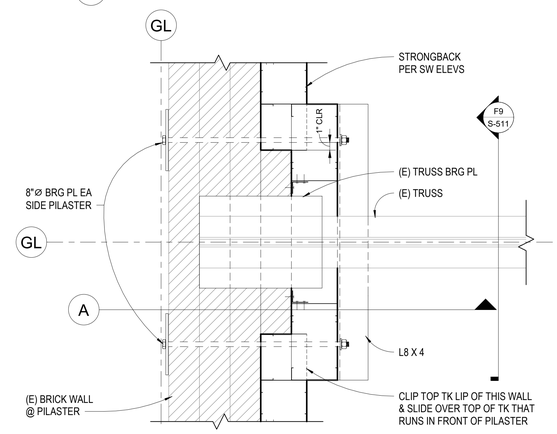
NOTE: SEE DET F1 / S-511FOR ADDL INFO

D1 CONCRETE OVERLAY @ PILASTER (@ TRUSS BRG)

1 1/2" = 1'-0"



A SECTION @ URM PILASTER TRUSS BRG

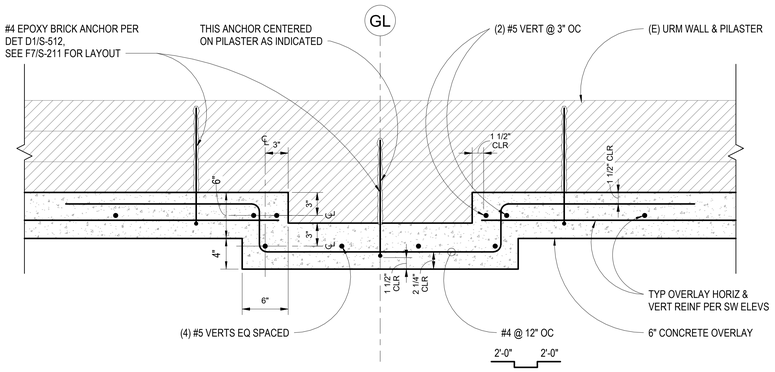


B PLAN @ URM PILASTER TRUSS BRG

NOTE: SEE DET F5 / S-511 FOR ADDL INFO

D5 STRONGBACK @ PILASTER

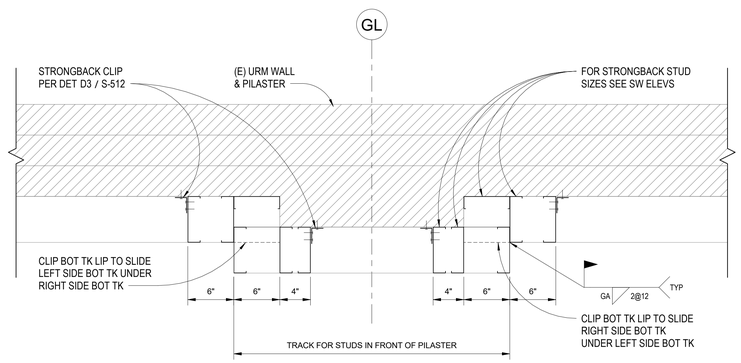
1 1/2" = 1'-0"



PLAN

F1 OVERLAY @ URM PILASTER (OVERLAY @ RC PILASTER @ SIM)

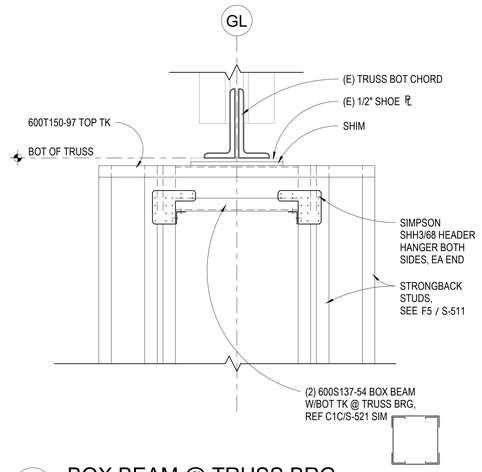
1 1/2" = 1'-0"



PLAN

F5 STRONGBACK @ URM PILASTER

1 1/2" = 1'-0"



F9 BOX BEAM @ TRUSS BRG

1 1/2" = 1'-0"

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services

BLUE TRIDENT, LLC
900 WINSLOW WAY E, SUITE 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MASONRY DETAILS	Phase: ISSUED FOR CONSTRUCTION	Project Title: Seismic Retrofit and Renovate Building 13	Project Number: 653-104
			Building Number: B13
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: S-511
		Issue Date: 4/3/2026 · Checked: BEM · Drawn: AJW	

VA FORM 08 - 6231

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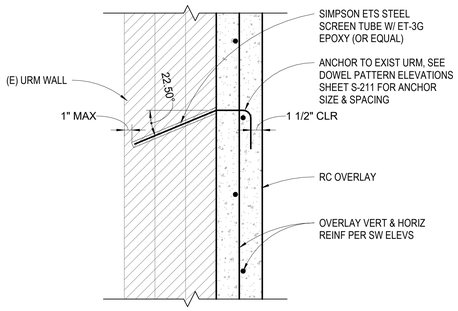
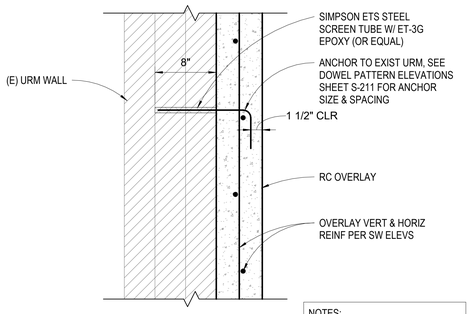


B SECTION (CONFIGURATION "B")



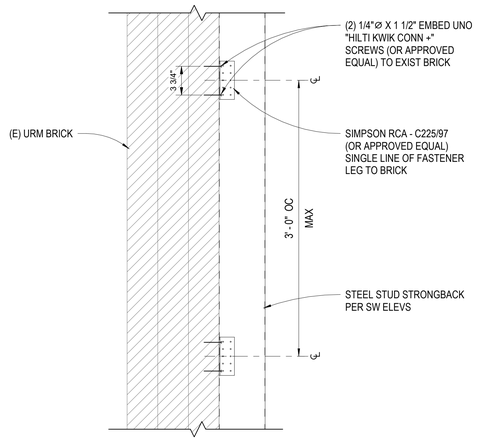
A SECTION (CONFIGURATION "A")

NOTES:

1. DRILL OVERSIZE HOLE W/ CARBIDE-TIPPED DRILL BIT, CLEAN, INSERT SCREEN TUBE & APPLY EPOXY PER MFR PRINTED INSTRUCTIONS.
2. DO NOT USE ROTOHAMMER SETTINGS WHEN DRILLING

D1 CONCRETE OVERLAY TO URM

1 1/2" = 1'-0"



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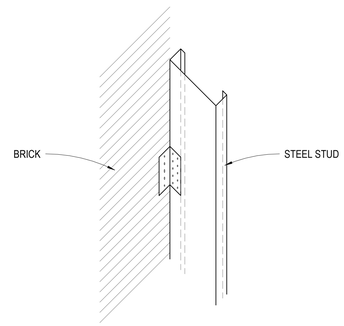
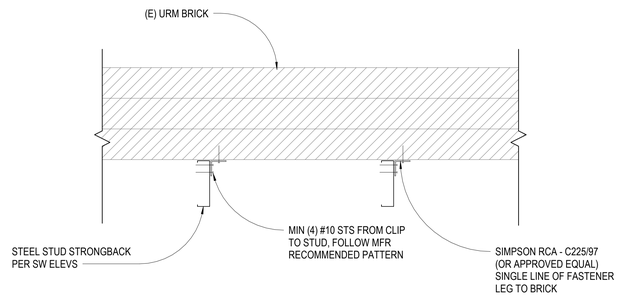


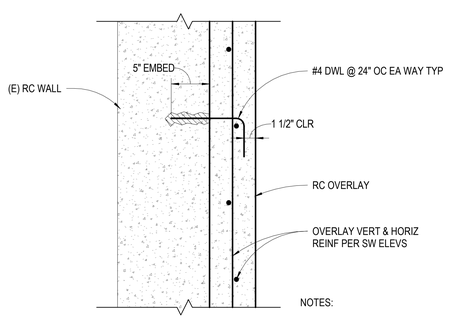
AXONOMETRIC



PLAN

D3 STRONGBACK STUD TO URM

1 1/2" = 1'-0"

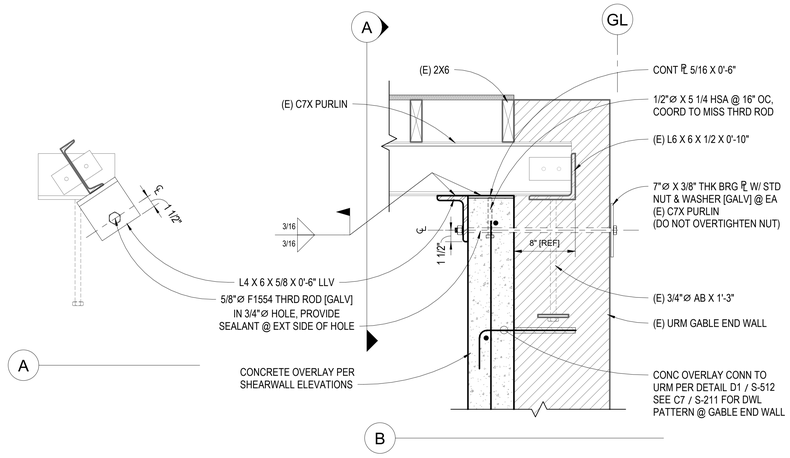


NOTES:

1. USE REBAR LOCATING DEVICE PRIOR TO DRILLING EXIST RC WALL. DO NOT DRILL THROUGH EXIST REINF
2. DRILL OVERSIZE HOLE, CLEAN & APPLY EPOXY PER MFR PRINTED INSTRUCTIONS

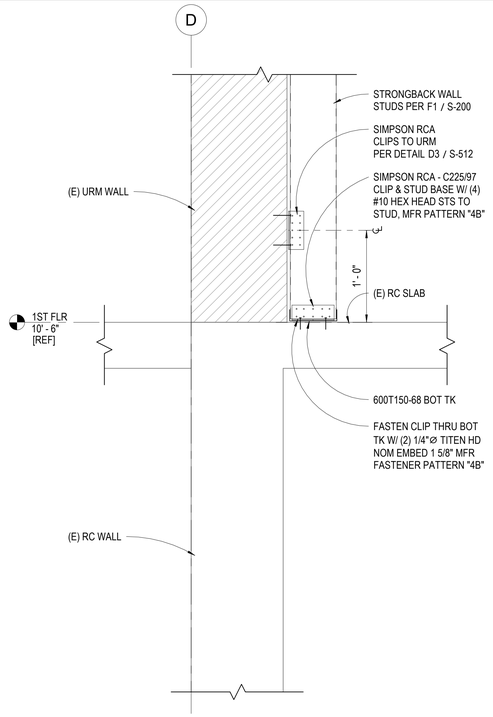
F1 CONCRETE OVERLAY TO EXIST CONC

1 1/2" = 1'-0"



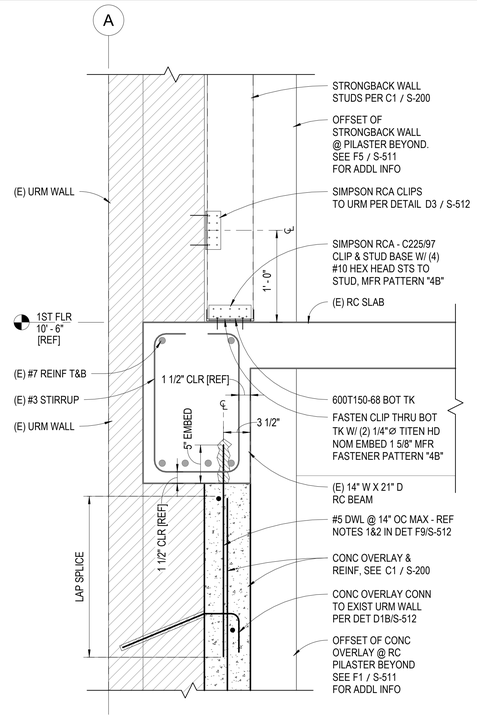
F3 WALL END PURLINS - OUT OF PLANE ANCHOR

1 1/2" = 1'-0"



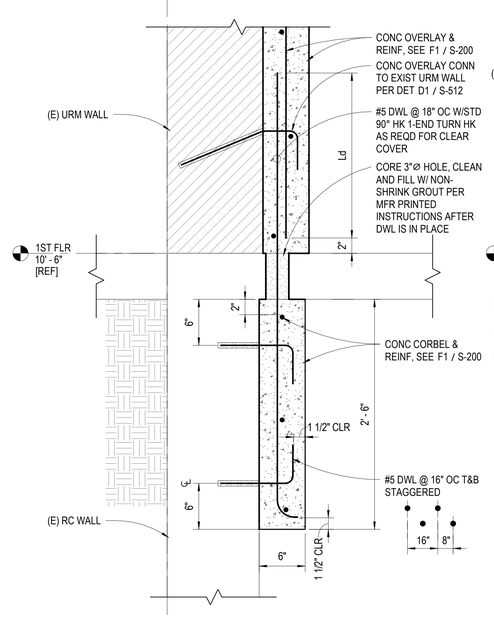
C7 SECTION @ 1ST FLR @ GL-D

1 1/2" = 1'-0" [STRONGBACK ABOVE]



C9 SECTION @ 1ST FLR @ GL-A

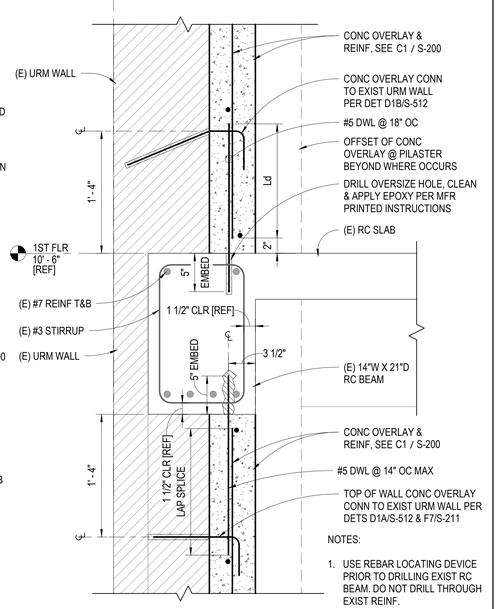
1 1/2" = 1'-0" [STRONGBACK ABOVE]



NOTE: FOR ADDL INFO SEE F1 / S-512

F7 SECTION @ 1ST FLR @ GL-D

1 1/2" = 1'-0"



NOTES:

1. USE REBAR LOCATING DEVICE PRIOR TO DRILLING EXIST RC BEAM. DO NOT DRILL THROUGH EXIST REINF.
2. DRILL OVERSIZE HOLE, CLEAN & APPLY EPOXY PER MFR PRINTED INSTRUCTIONS.

F9 SECTION @ 1ST FLR @ GL-A

1 1/2" = 1'-0" [CONC OVERLAY ABV]

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

A/E:

Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
900 WINSLOW WAY E, SUITE 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
MASONRY DETAILS	ISSUED FOR CONSTRUCTION	Seismic Retrofit and Renovate Building 13	653-104
			Building Number: B13
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: S-512
		Issue Date: 4/3/2026 · Checked: BEM · Drawn: AJW	

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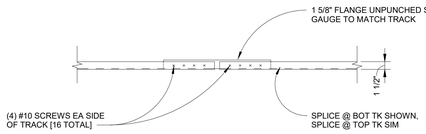
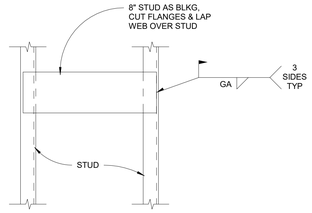


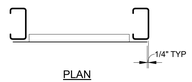
NOTE:

DO NOT USE SPLICES IN WALLS THAT ARE 20' IN LENGTH OR LESS. USE CONTINUOUS TOP & BOT TRACKS

A TRACK SPLICE

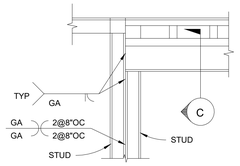


ELEVATION



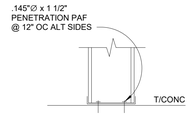
PLAN

B BLKG @ BRG PL



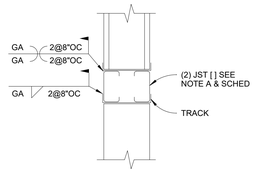
NOTE: SEE C1C/S-521 FOR ADDL INFO

D ELEVATION

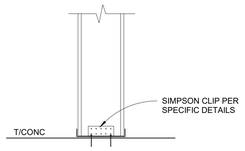


NOTE: PAF @ 2" CLR FROM EDGE OF CONCRETE

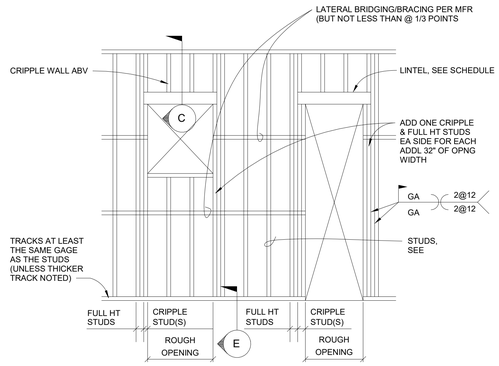
F SECTION @ AHEC BOT TK



C SECTION @ LINTEL



E SECTION @ BOT TK



G TYP OPENINGS

LIGHT GAGE STEEL FRAMING:

1. ALL COLD-FORMED STRUCTURAL STUD FRAMING MEMBERS AND STEEL JOISTS SHALL BE OF SIZE AND GAGE AS INDICATED IN DRAWINGS.
2. TRACK OF SIZE AND GAGE TO MATCH STUDS SHALL BE PROVIDED AS CONTINUOUS TOP AND BOTTOM SUPPORT AND SHALL HAVE 1-1/2" FLANGES MIN.
3. ALL STUDS SHALL BE CONNECTED AT EACH LEVEL IN ACCORDANCE WITH DETAILS AND WITHIN TOLERANCE LIMITS.
4. STRUCTURAL STUDS AND JOISTS CALLED OUT ARE SSMA SIZES. THE SSMA SIZES ARE USED TO ESTABLISH STRUCTURAL CAPACITIES AND PERFORMANCE AND ARE NOT INTENDED TO RESTRICT BIDDING. SUBSTITUTIONS ARE ACCEPTABLE PROVIDED THEIR STRUCTURAL CAPACITY AND PERFORMANCE MEET OR EXCEED THOSE LISTED IN THE SSMA CATALOG .
5. FRAMING MEMBERS SHALL BE FABRICATED FROM Fy = 33 ksi STEEL FOR 18 GAGE SECTIONS AND FROM Fy = 50 ksi STEEL FOR 12, 14 AND 16 GAGE SECTIONS.
6. ALL WELDS SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH AWS D1.3.
7. STUDS SHALL BE SEATED SQUARELY IN TRACK AND SHALL BE WELDED TO TOP & BOT OF TRACK W/ 1/8" FILLET WELD PER MFR TYP ASSEMBLY DETAILS UNO.

NON-BEARING/CURTAIN WALL (L.L.) LINTEL SCHEDULE

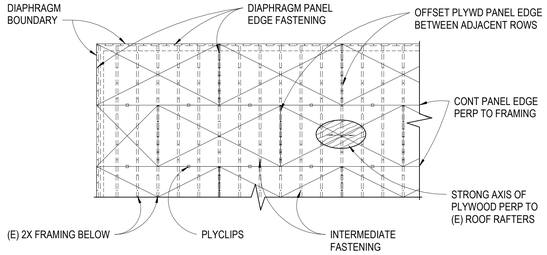
OPENING SIZE	HEADER SIZE	MIN. Ix IN^4 PER JOIST	MIN. Sx IN^3 PER JOIST
0' TO 4'	(2) 400 S 162-54	REF. SSMA	REF. SSMA
4' TO 8'	(2) 600 S 162-54	REF. SSMA	REF. SSMA
8' TO 11'	(2) 800 S 162-43	REF. SSMA	REF. SSMA
11' TO 13'	(2) 1200 S 162-43	REF. SSMA	REF. SSMA

A. SIZES BASED ON SSMA (STEEL STUD MFR ASSOC) UNPUNCHED "CEE" TYPE JOISTS/STUDS.
B. THESE LINTEL SIZES ARE A MINIMUM MEMBER SIZE. LARGER MEMBERS MAY BE USED AT CONTRACTORS OPTION.
C. ALL LINTELS SHALL HAVE A MINIMUM BEARING OF 1 5/8" AND WEB SHALL BE UNPUNCHED.
D. PROVIDE ALL CONNECTION AS RECOMMENDED BY THE STUD MANUFACTURER, UNO.

NOTE: SEE SPECS FOR ADDITIONAL INFO

C1 TYP LIGHT GAGE FRAMING DETAILS & NOTES

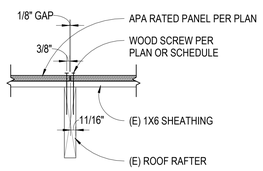
1" = 1'-0"



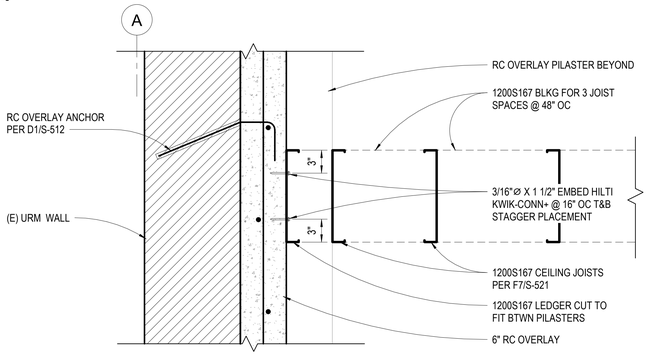
NOTE: (E) 1X6 SHEATHING NOT SHOWN FOR CLARITY

E1 TYP DIAPHRAGM LAYOUT (APA RATED WOOD STRUCT PANEL OVERLAY)

1 1/2" = 1'-0"

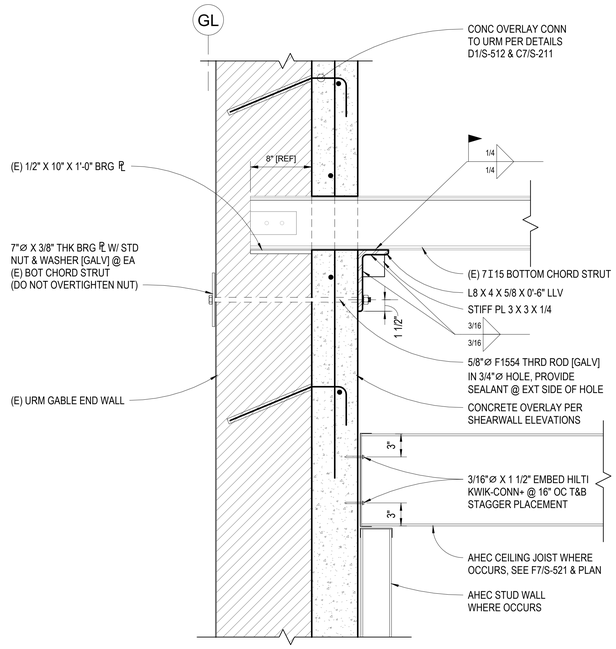


TYP PLYWOOD FASTENING



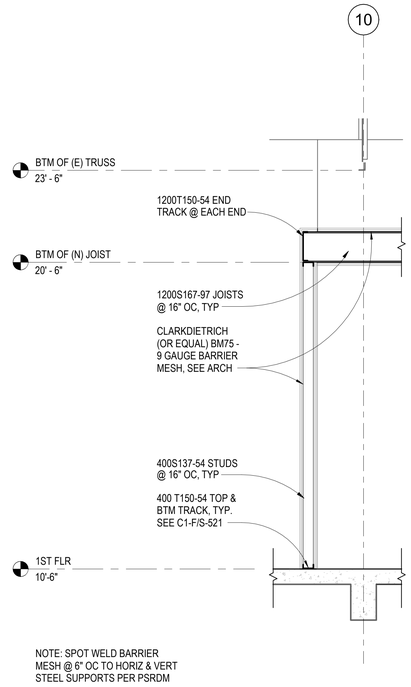
F1 CLG JOIST/LEDGER DETAIL - AHEC

1 1/2" = 1'-0"



F4 WALL END, BOTTOM CHORD STRUT - OUT OF PLANE ANCHOR

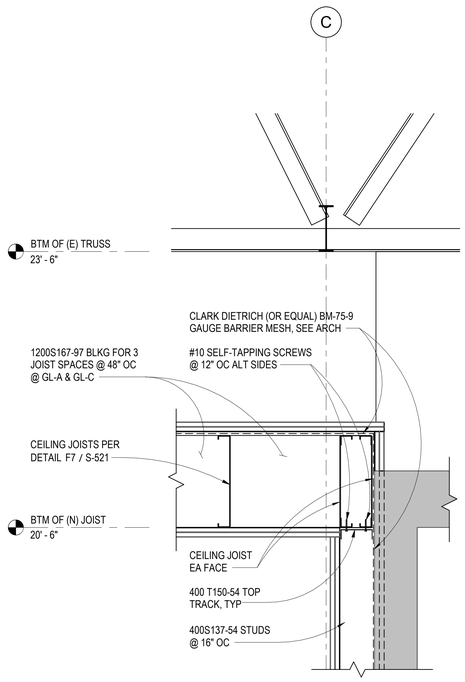
1 1/2" = 1'-0"



NOTE: SPOT WELD BARRIER MESH @ 6" OC TO HORIZ & VERT STEEL SUPPORTS PER PSRDM

F7 WALL SECTION - AHEC

1/2" = 1'-0"



F9 DETAIL - AHEC

1 1/2" = 1'-0"

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

A/E:

Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
900 WINSLOW WAY E, SUITE 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
STEEL DETAILS	ISSUED FOR CONSTRUCTION	Seismic Retrofit and Renovate Building 13	653-104
			Building Number: B13
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: S-521
		Issue Date: 4/3/2026 · Checked: BEM · Drawn: AJW	

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GENERAL DEMOLITION NOTES

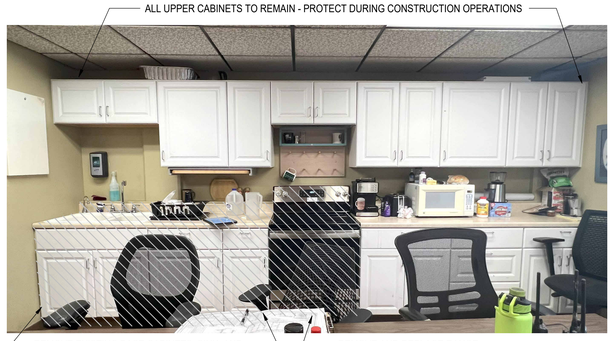
1. COORDINATE WITH ALL PLANS FOR CLARIFICATIONS OF DEMOLITION SCOPE PRIOR TO PROCEEDING. FIELD VERIFY AREA OF WORK. NOTIFY COR IMMEDIATELY OF ANY DISCREPANCIES BETWEEN DEMOLITION SCOPE AND FIELD CONDITIONS.

2. ALL WALL MOUNTED CONDUIT, PIPING, FIRE ALARM DEVICES, ETC, TO BE REMOVED IN PREPARATION FOR SEISMIC MITIGATION INSTALLATION. REFERENCE STRUCTURAL DRAWINGS FOR SHOTCRETE AND STRONGBACK STUD WALL LOCATIONS. REFERENCE SPECIFIC DISCIPLINE DRAWINGS FOR DEMOLITION SCOPE.

3. FIRE SPRINKLER SYSTEM AND LIFE SAFETY SYSTEM TO REMAIN OPERATIONAL DURING CONSTRUCTION .

4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN. PATCH AND REPAIR ALL DAMAGE DUE TO DEMOLITION AND/OR NEW WORK. PREPARE SURFACES TO RECEIVE NEW FINISHES IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATIONS. ALL DAMAGE CAUSED BY THE CONTRACTOR, WHETHER RELATED TO DEMOLITION OR NEW CONSTRUCTION, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO MATCH EXISTING ADJACENT FINISH CONDITION. THIS INCLUDES AREAS OF THE BUILDING RELATED TO THE PROJECT BUT NOT DIRECTLY IN THE SCOPE OF WORK, SUCH AS LAY-DOWN AREAS, STORAGE AREAS, AND AREAS WHERE MOVEMENT OF EQUIPMENT AND MATERIALS TAKES PLACE.

5. ALL DEMOLISHED ELECTRICAL DEVICES, HVAC DEVICES, AND PLUMBING LINES NOT BEING REUSED ARE TO BE REMOVED AND TERMINATED AT THEIR SOURCE. REFERENCE MECHANICAL (M) AND ELECTRICAL (E) DRAWING SHEETS FOR INFO.



B4 GROUND FLOOR EXISTING CONDITIONS
3/8" = 1'-0"

DEMOLITION KEY NOTES

1. DOORS BEGINNING WITH THE LETTER 'D' ARE TO BE DEMOLISHED AND REMOVED. DOORS BEGINNING WITH THE LETTER 'e' ARE EXISTING TO REMAIN IN THE SAME LOCATION AS IS. PROTECT FROM CONSTRUCTION OPERATIONS. AT CONTRACTORS OPTION, REMOVE, SALVAGE AND LABEL EACH DOOR FOR RE-INSTALLATION IN THE SAME LOCATION.

2. REMOVE EXISTING HOLLOW CLAY TILE WALL IN ITS ENTIRETY.

3. REMOVE EXISTING CEILING GRID AND ACOUSTICAL PANELS AND ALL RELATED APPURTANENCES, INCLUDED AIR GRILLS, LIGHT FIXTURES, SMOKE DETECTORS, AND OCCUPANCY SENSORS. EXCEPT FOR FLUORESCENT LIGHT FIXTURES, SALVAGE ALL EQUIPMENT FOR REINSTALLATION IN THE SAME LOCATION.

4. REMOVE BASE AND/OR UPPER CABINETS, AND/OR COUNTERTOP AS SHOWN. SALVAGE FOR REINSTALLATION OR DISCARD AS INDICATED.

5. DEMOLISH AND REMOVE FLOOR FINISHES.

6. PREP PLASTER WALL FINISHES ON INSIDE OF EXTERIOR WALLS AND WHERE NOTED IN PREPARATION FOR CONCRETE OR STRONGBACK STUD WALL INSTALLATION.

7. CAREFULLY COVER AND PROTECT INTERIOR TRIM PIECES ON DOORS AND WINDOWS, INCLUDING WIRE MESH WINDOW SCREENS ON THE INTERIOR, IN PREPARATION FOR SEISMIC MITIGATION. AT CONTRACTORS OPTION, REMOVE, SALVAGE AND LABEL EACH TRIM PIECE FOR RE-INSTALLATION IN THE SAME LOCATION.

8. REMOVE CLAY TILE ROOFING IN ITS ENTIRETY. REMOVE THE EXISTING BUILDING FELT TO EXPOSE THE EXISTING 1x ROOF DECKING. REPLACE ALL DAMAGED DECKING MATERIALS AND PREP STRUCTURE FOR INSTALLATION OF NEW PLYWOOD OVERLAY AND METAL ROOFING PANELS AS SPECIFIED.

9. REMOVE EXISTING METAL STUD AND GYPSUM BOARD WALL FULL HEIGHT.

10. NOT USED

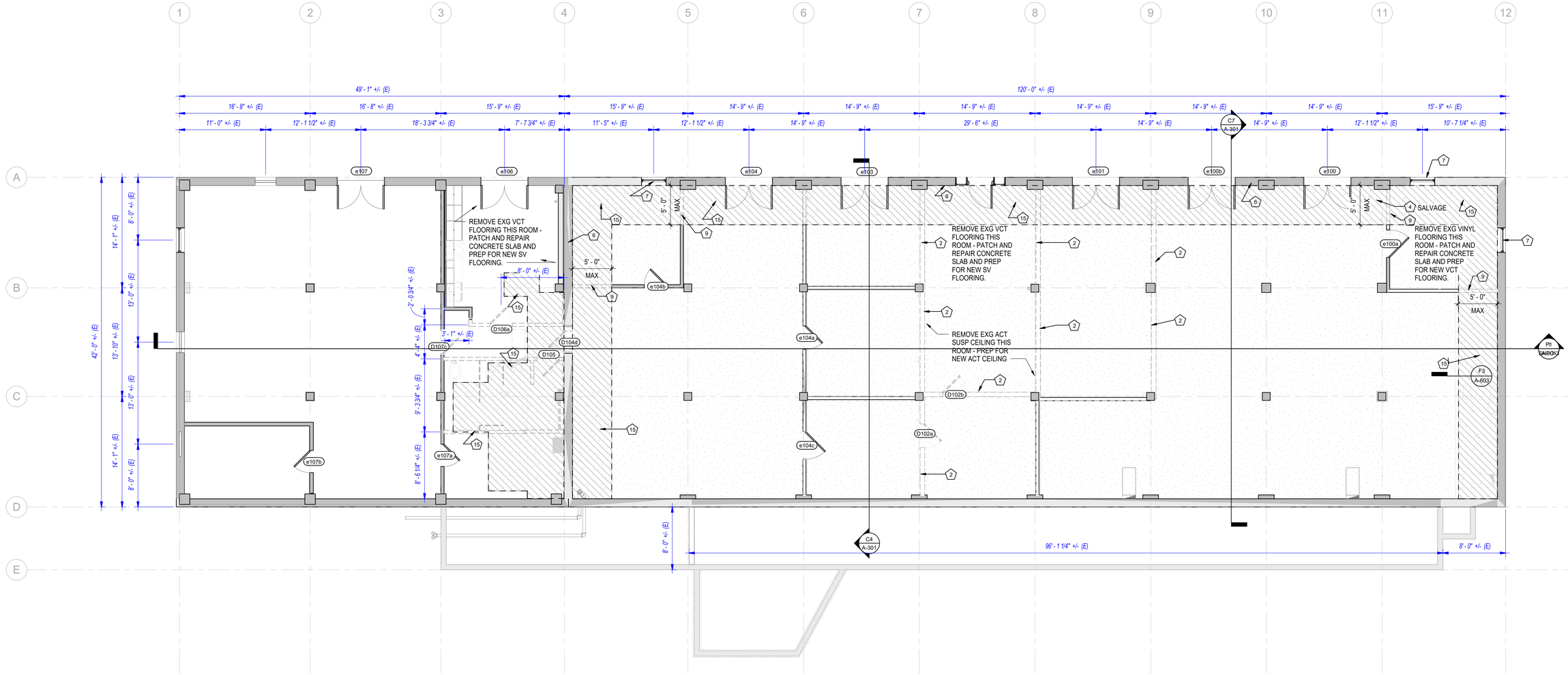
11. REMOVE EXISTING GYPSUM BOARD CEILING AND STRUCTURE MINIMUM OF 5'-0" FROM EXTERIOR WALL TO PREP FOR SHOTCRETE OR STRONGBACK STUD WALL INSTALLATION.

12. REMOVE EXISTING DOOR, FRAME AND HARDWARE. SALVAGE WHERE NOTED AND SCHEDULED.

13. REMOVE EXISTING PLUMBING FIXTURES, PIPING AND TRIM. SALVAGE TRIM FOR REINSTALLATION.

14. SAWCUT PORTION OF EXISTING LAMINATE COUNTERTOP AND REMOVE PORTION WITH SINK OPENING.

15. REMOVE PORTION OF CONCRETE SLAB ON GRADE PER STRUCTURAL FOR INSTALLATION OF SEISMIC MITIGATION TO FOOTINGS, FOUNDATIONS AND PLUMBING PIPING (WHERE OCCURS).



F1 GROUND FLOOR DEMOLITION
3/16" = 1'-0"

0' 1' 2' 3' 4' 8' 16' 24'

Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP
10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

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

Drawing Title: GROUND FLOOR DEMOLITION PLAN
Approved: director

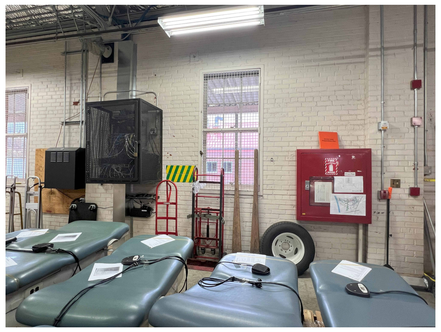
Phase: ISSUED FOR CONSTRUCTION
FULLY SPRINKLERED

Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16
Location: VA Roseburg Healthcare System
Issue Date: 4/3/2026 | Checked: mr | Drawn: LMS

Project Number: 653-104
Building Number: 13
Drawing Number: AD102

VA FORM 08 - 6231

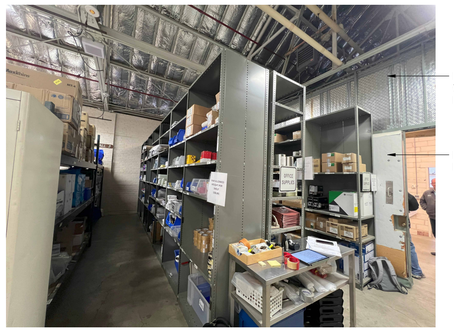
C:\Users\lauri\OneDrive - designDias\.com\d2L-Projects\20224-011 - Roseburg Bldgs 11-13-16\04-DESIGN\BIM MODEL AND LINKS\ROSEBURG 13.ARCH 4/3/2026 5:57:32 PM



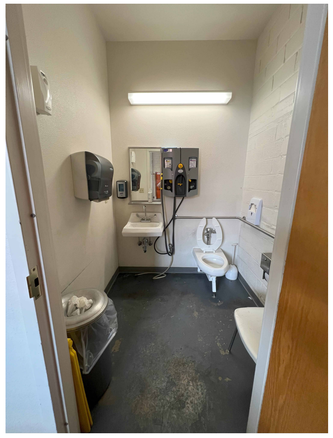
A. IT AND FIRE HOSE ON EXTERIOR WALL

B. EXISTING EXTERIOR DOORS

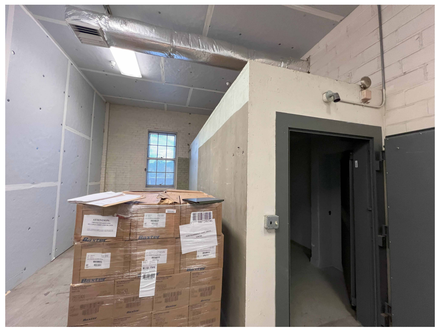
C. VIEW OF SHELVING



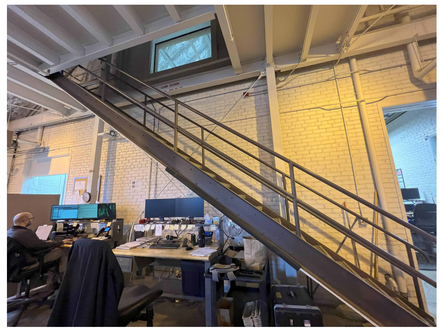
D. VIEW OF SHELVING



E. VIEW OF TOILET ROOM



F. VIEW OF VAULT AND TEMP WALL TO BE REMOVED



G. VIEW OF STAIRS TO MEZZANINE

H. BREAK ROOM CASEWORK

C2 FIRST FLOOR EXISTING CONDITIONS
3/16" = 1'-0"

DEMOLITION KEY NOTES

1. DOORS BEGINNING WITH THE LETTER 'D' ARE TO BE DEMOLISHED AND REMOVED. DOORS BEGINNING WITH THE LETTER 'e' ARE EXISTING TO REMAIN IN THE SAME LOCATION AS IS. PROTECT FROM CONSTRUCTION OPERATIONS. AT CONTRACTORS OPTION, REMOVE, SALVAGE AND LABEL EACH DOOR FOR RE-INSTALLATION IN THE SAME LOCATION.

2. REMOVE EXISTING HOLLOW CLAY TILE WALL IN ITS ENTIREYTY.

3. REMOVE EXISTING CEILING GRID AND ACOUSTICAL PANELS AND ALL RELATED APPURTANENCES, INCLUDED AIR GRILLS, LIGHT FIXTURES, SMOKE DETECTORS, AND OCCUPANCY SENSORS. EXCEPT FOR FLUORESCENT LIGHT FIXTURES, SALVAGE ALL EQUIPMENT FOR REINSTALLATION IN THE SAME LOCATION.

4. REMOVE BASE AND/OR UPPER CABINETS, AND/OR COUNTERTOP AS SHOWN. SALVAGE FOR REINSTALLATION OR DISCARD AS INDICATED.

5. DEMOLISH AND REMOVE FLOOR FINISHES.

6. PREP PLASTER WALL FINISHES ON INSIDE OF EXTERIOR WALLS AND WHERE NOTED IN PREPARATION FOR CONCRETE OR STRONGBACK STUD WALL INSTALLATION.

7. CAREFULLY COVER AND PROTECT INTERIOR TRIM PIECES ON DOORS AND WINDOWS, INCLUDING WIRE MESH WINDOW SCREENS ON THE INTERIOR. IN PREPARATION FOR SEISMIC MITIGATION. AT CONTRACTORS OPTION, REMOVE, SALVAGE AND LABEL EACH TRIM PIECE FOR RE-INSTALLATION IN THE SAME LOCATION.

8. REMOVE CLAY TILE ROOFING IN ITS ENTIRETY. REMOVE THE EXISTING BUILDING FELT TO EXPOSE THE EXISTING 1x ROOF DECKING. REPLACE ALL DAMAGED DECKING MATERIALS AND PREP STRUCTURE FOR INSTALLATION OF NEW PLYWOOD OVERLAY AND METAL ROOFING PANELS AS SPECIFIED.

9. REMOVE EXISTING METAL STUD AND GYPSUM BOARD WALL FULL HEIGHT.

10. NOT USED

11. REMOVE EXISTING GYPSUM BOARD CEILING AND STRUCTURE MINIMUM OF 5'-0" FROM EXTERIOR WALL TO PREP FOR SHOTCRETE OR STRONGBACK STUD WALL INSTALLATION.

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15. REMOVE PORTION OF CONCRETE SLAB ON GRADE PER STRUCTURAL FOR INSTALLATION OF SEISMIC MITIGATION TO FOOTINGS, FOUNDATIONS AND PLUMBING PIPING (WHERE OCCURS).

GENERAL DEMOLITION NOTES

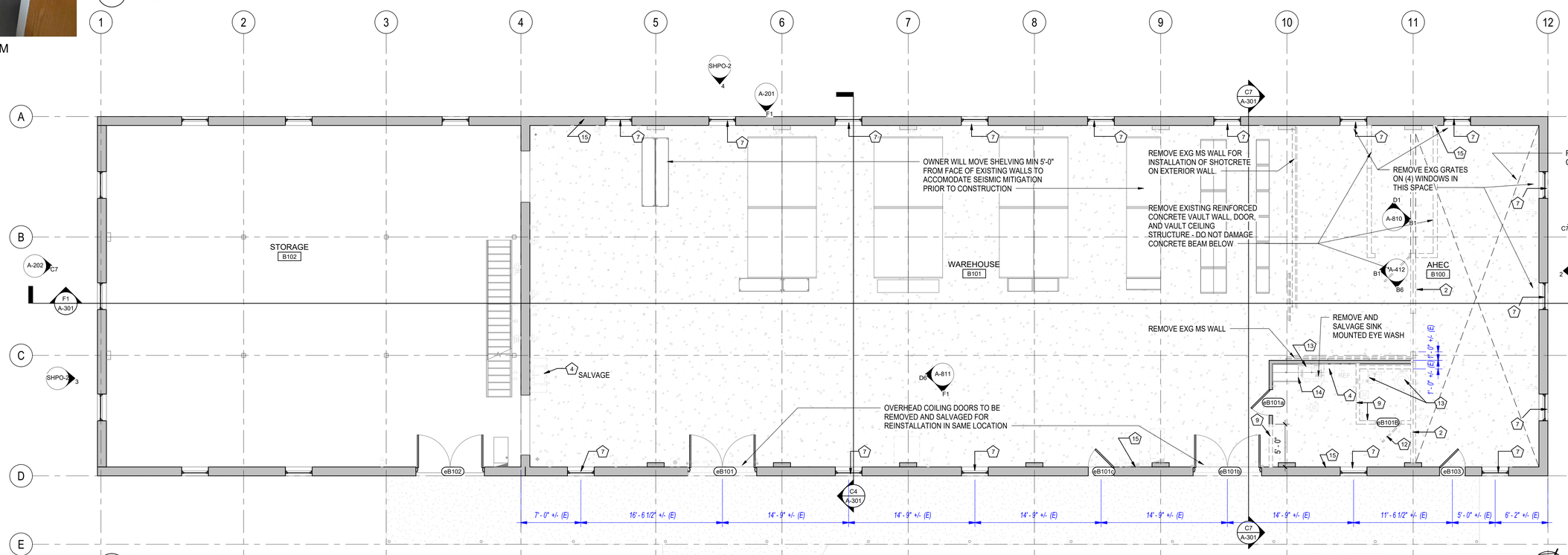
1. COORDINATE WITH ALL PLANS FOR CLARIFICATIONS OF DEMOLITION SCOPE PRIOR TO PROCEEDING. FIELD VERIFY AREA OF WORK. NOTIFY COR IMMEDIATELY OF ANY DISCREPANCIES BETWEEN DEMOLITION SCOPE AND FIELD CONDITIONS.

2. ALL WALL MOUNTED CONDUIT, PIPING, FIRE ALARM DEVICES, ETC, TO BE REMOVED IN PREPARATION FOR SEISMIC MITIGATION INSTALLATION. REFERENCE STRUCTURAL DRAWINGS FOR SHOTCRETE AND STRONGBACK STUD WALL LOCATIONS. REFERENCE SPECIFIC DISCIPLINE DRAWINGS FOR DEMOLITION SCOPE.

3. FIRE SPRINKLER SYSTEM AND LIFE SAFETY SYSTEM TO REMAIN OPERATIONAL DURING CONSTRUCTION .

4. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN. PATCH AND REPAIR ALL DAMAGE DUE TO DEMOLITION AND/OR NEW WORK. PREPARE SURFACES TO RECEIVE NEW FINISHES IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATIONS. ALL DAMAGE CAUSED BY THE CONTRACTOR, WHETHER RELATED TO DEMOLITION OR NEW CONSTRUCTION, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO MATCH EXISTING ADJACENT FINISH CONDITION. THIS INCLUDES AREAS OF THE BUILDING RELATED TO THE PROJECT BUT NOT DIRECTLY IN THE SCOPE OF WORK, SUCH AS LAY-DOWN AREAS, STORAGE AREAS, AND AREAS WHERE MOVEMENT OF EQUIPMENT AND MATERIALS TAKES PLACE.

5. ALL DEMOLISHED ELECTRICAL DEVICES, HVAC DEVICES, AND PLUMBING LINES NOT BEING REUSED ARE TO BE REMOVED AND TERMINATED AT THEIR SOURCE. REFERENCE MECHANICAL (M) AND ELECTRICAL (E) DRAWING SHEETS FOR INFO.



F1 FIRST FLOOR DEMOLITION
3/16" = 1'-0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services

BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR DEMOLITION PLAN

Approved: director

Phase: ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16

Location: VA Roseburg Healthcare System

Issue Date: 4/3/2026 | Checked: mr | Drawn: LMS

Project Number: 653-104

Building Number: 13

Drawing Number: AD112

VA FORM 08 - 6231

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GENERAL DEMOLITION NOTES

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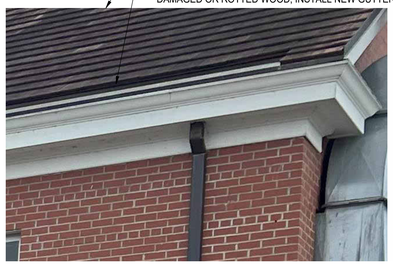
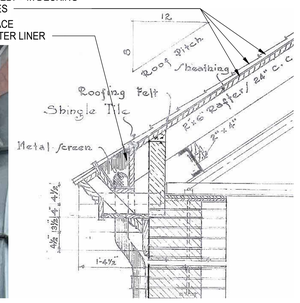
REMOVE EXISTING SHINGLE TILE AND ROOFING FELT - 1x DECKING CAN REMAIN - EXCEPT REPLACE DAMAGED PIECES

REMOVE EXISTING METAL GUTTER LINER - REPLACE DAMAGED OR ROTTED WOOD, INSTALL NEW GUTTER LINER





CORNICE RETURN AT GABLE ENDS CAN REMAIN IN PLACE AS IS

B4 ROOF EXISTING COND.
1 1/2" = 1'-0"

DEMOLITION KEY NOTES

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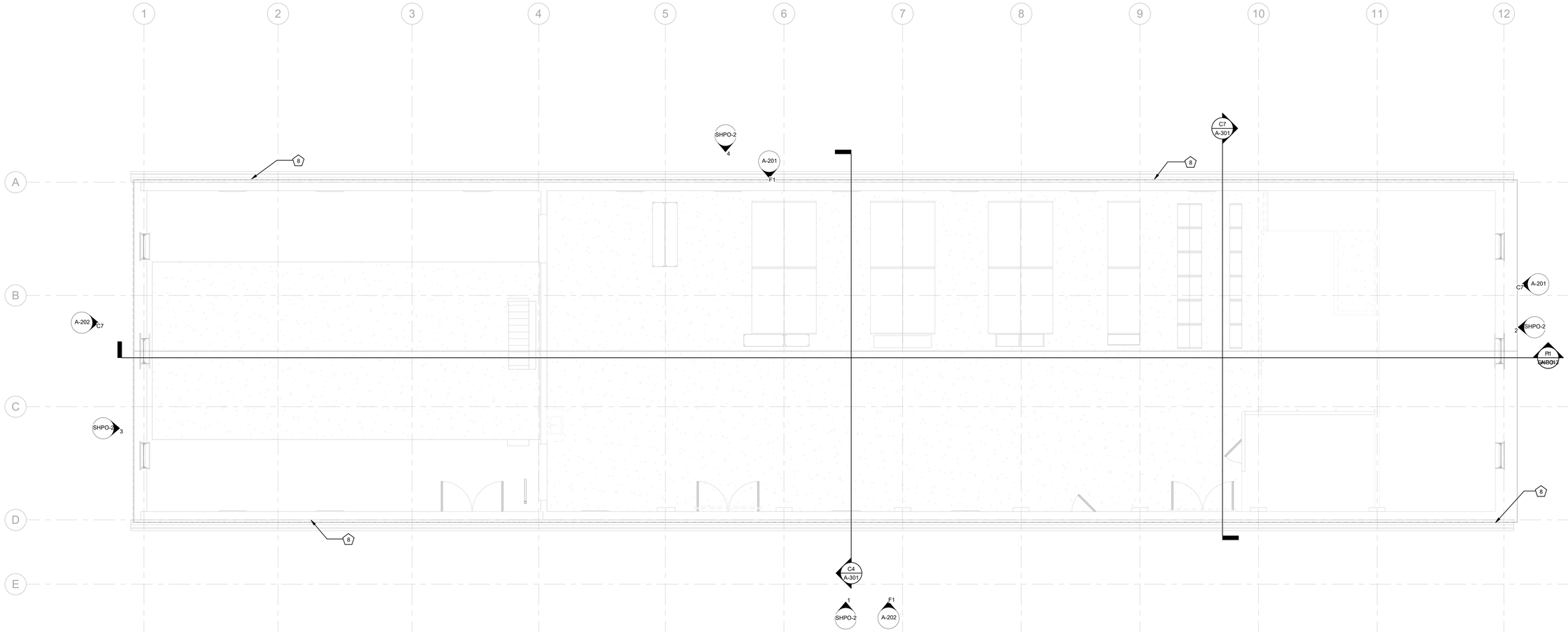

F1 B13 ROOF PLAN DEMOLITION
3/16" = 1'-0"

0' 1' 2' 3' 4' 8' 16' 24'

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services

BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ROOF DEMOLITION PLAN

Approved: director

Phase: ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16

Location: VA Roseburg Healthcare System

Issue Date: 4/3/2026 | Checked: mr | Drawn: LMS

Project Number: 653-104

Building Number: 13

Drawing Number: AD132

VA FORM 08 - 6231

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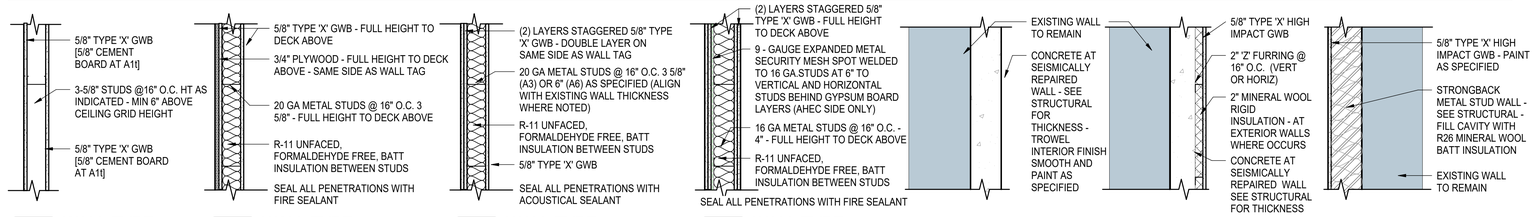
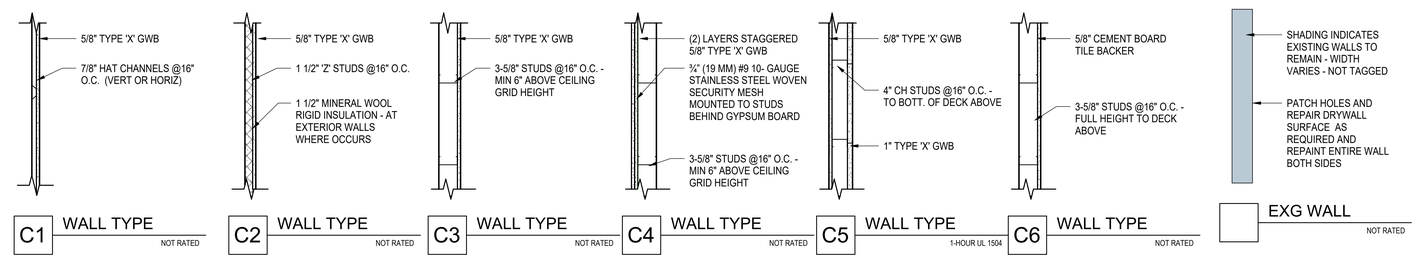
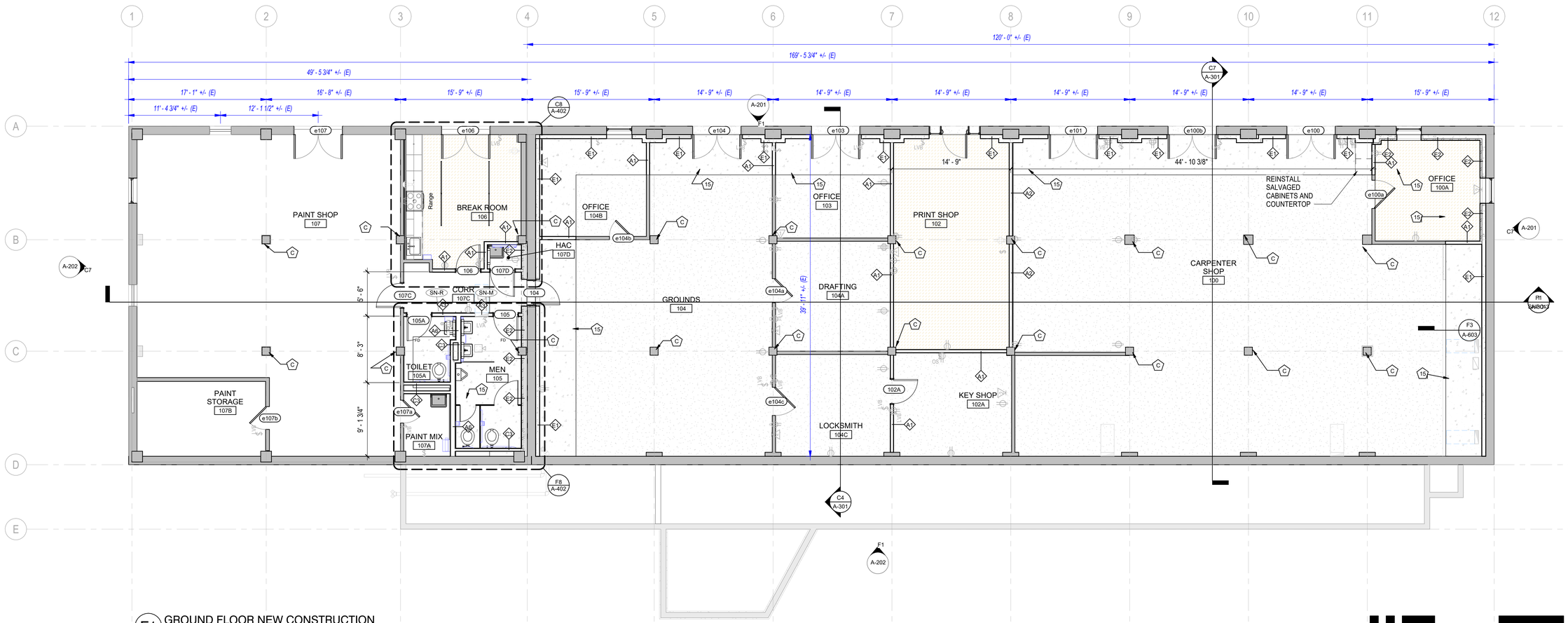
WALL TYPES





NOTES

1. FINISH MATERIALS SUCH AS CERAMIC TILE, WALL COVERINGS, ETC. ARE NOT TYPICALLY SHOWN AS AN INTEGRAL PART OF THE ASSEMBLY. REFER TO INTERIOR DRAWINGS AND / OR FINISH SCHEDULES FOR FINISH MATERIALS.
2. PARTITIONS EXTENDING TO DECK ABOVE ARE INDICATED ON RCP'S.
3. ALL PENETRATIONS THROUGH ACOUSTICAL ASSEMBLIES TO BE ACOUSTICALLY SEALED.
4. FIRE BLOCKING WILL BE INSTALLED IN ACCORDANCE WITH IBC 717.2, HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET



F1 GROUND FLOOR NEW CONSTRUCTION
3/16" = 1'-0"

0' 1' 2' 3' 4' 8' 16' 24'

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services

BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
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EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: B13 GROUND FLOOR PLAN

Approved: director

Phase: ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16

Project Number: 653-104

Building Number: 13

Location: VA Roseburg Healthcare System

Issue Date: 4/3/2026

Checked: MR

Drawn: LMS

Drawing Number: A-102

VA FORM 08 - 6231

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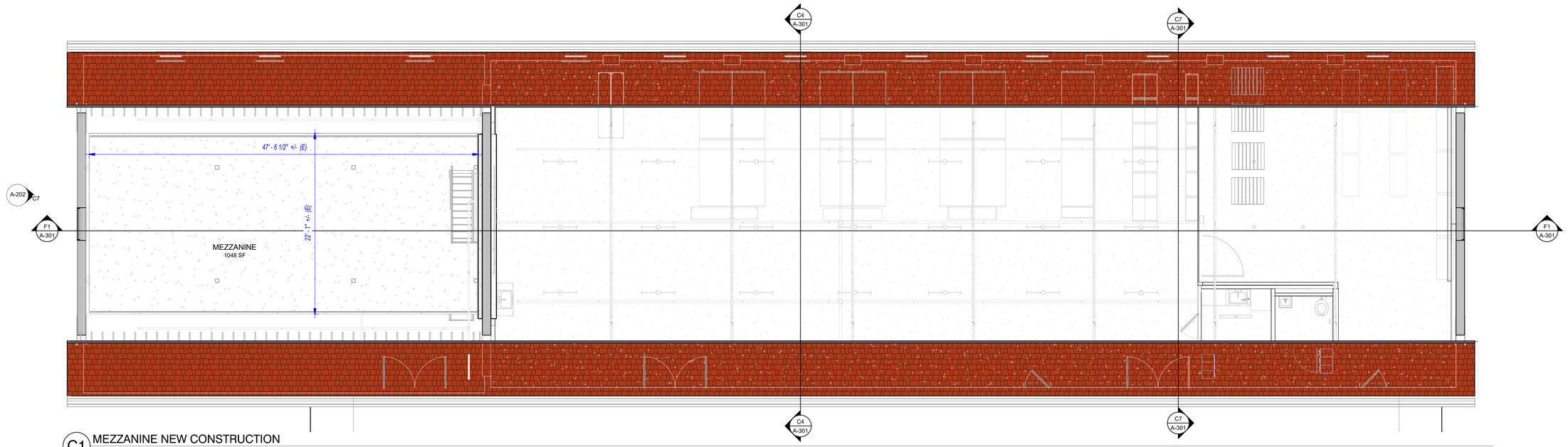
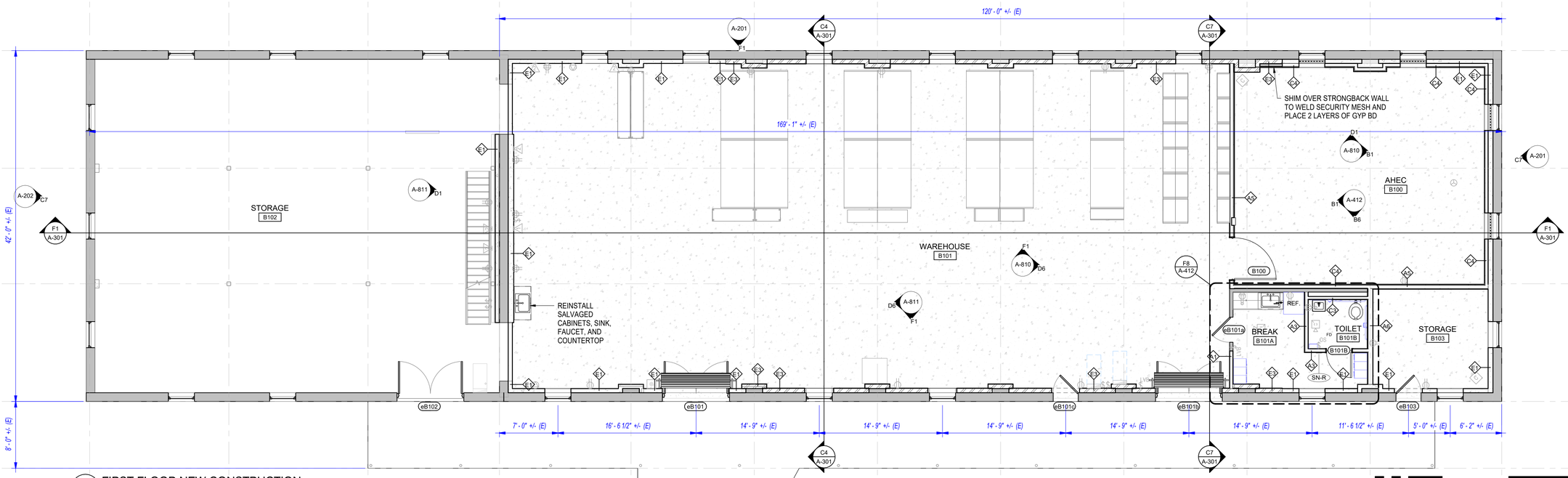


C1 MEZZANINE NEW CONSTRUCTION
3/16" = 1'-0"



F1 FIRST FLOOR NEW CONSTRUCTION
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0' 1' 2' 3' 4' 8' 16' 24'

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10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: B13 FIRST FLOOR PLAN

Approved: director

Phase: ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16

Location: VA Roseburg Healthcare System

Issue Date: 4/3/2026 | Checked: MR | Drawn: LMS

Project Number: 653-104

Building Number: 13

Drawing Number: A-112

VA FORM 08 - 6231

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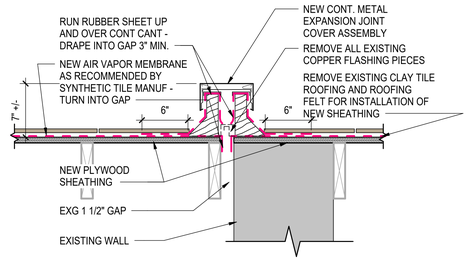
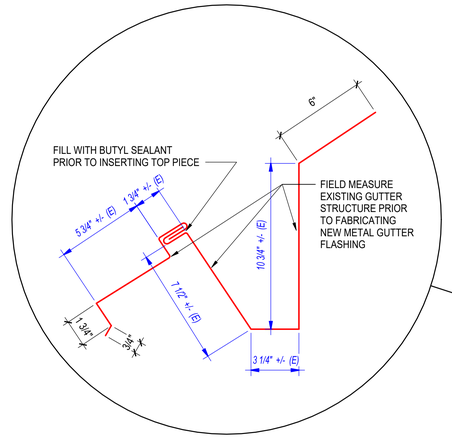
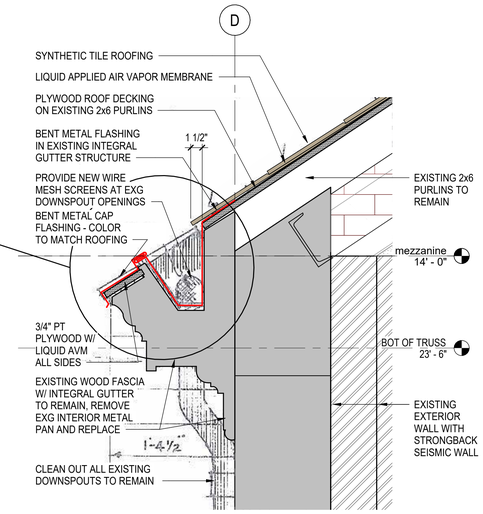
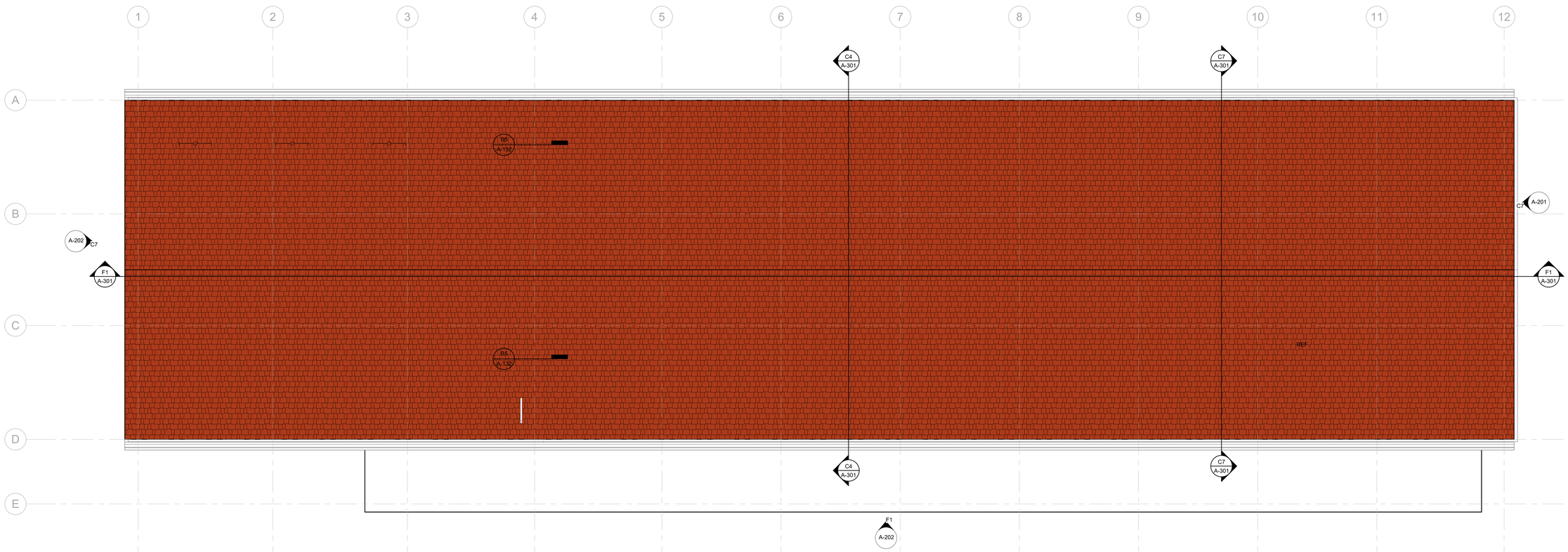


B5 ROOF EXPANSION JOINT
1 1/2" = 1'-0"





C9 ROOF EDGE DETAIL
1 1/2" = 1'-0"



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Drawing Number: A-132

VA FORM 08 - 6231

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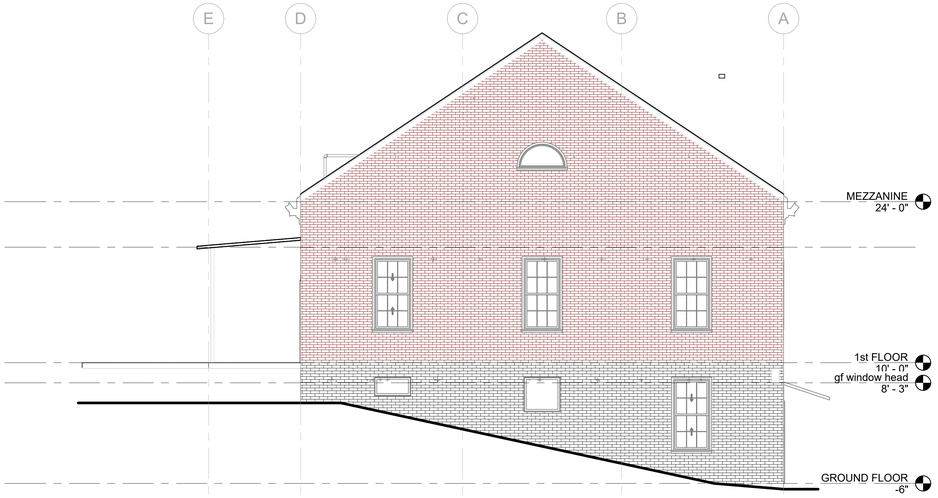
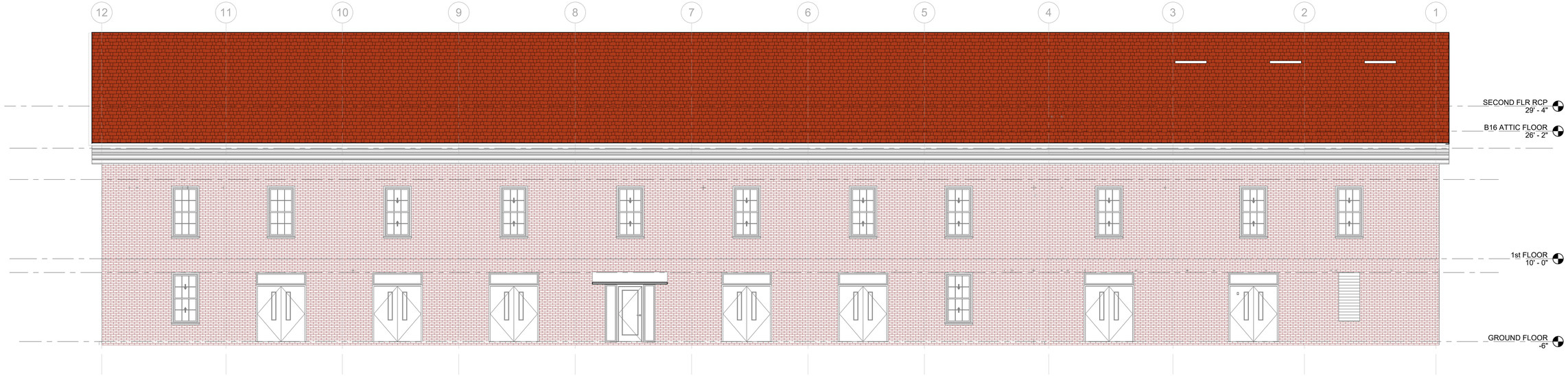


C7 EAST ELEVATION
3/16" = 1'-0"



F1 NORTH ELEVATION
3/16" = 1'-0"

0' 1' 2' 3' 4' 8' 16' 24'

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: EXTERIOR ELEVATIONS

Approved: director

Phase: ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16

Location: VA Roseburg Healthcare System

Issue Date: 4/3/2026 | Checked: MR | Drawn: LMS

Project Number: 653-104

Building Number: 13

Drawing Number: A-201

VA FORM 08 - 6231

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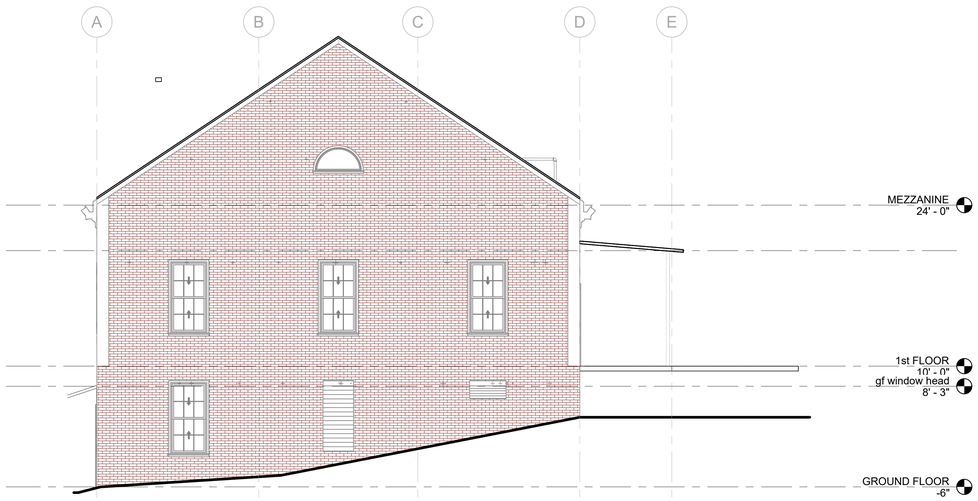
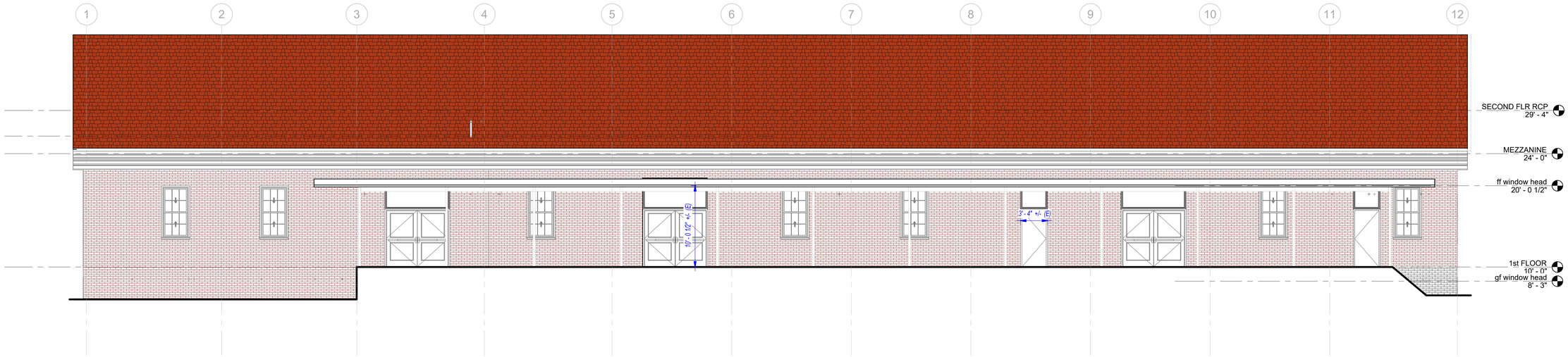


C7 WEST ELEVATION
3/16" = 1'-0"



F1 SOUTH ELEVATION
3/16" = 1'-0"

0' 1' 2' 3' 4' 8' 16' 24'

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: EXTERIOR ELEVATIONS

Approved: director

Phase: ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16

Location: VA Roseburg Healthcare System

Issue Date: 4/3/2026

Checked: MR

Drawn: LMS

Project Number: 653-104

Building Number: 13

Drawing Number: A-202

VA FORM 08 - 6231

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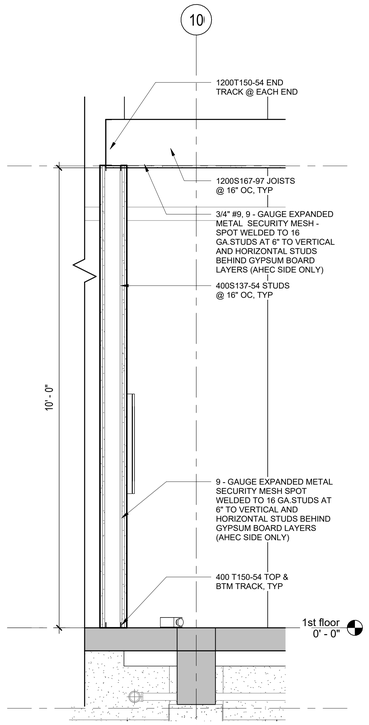
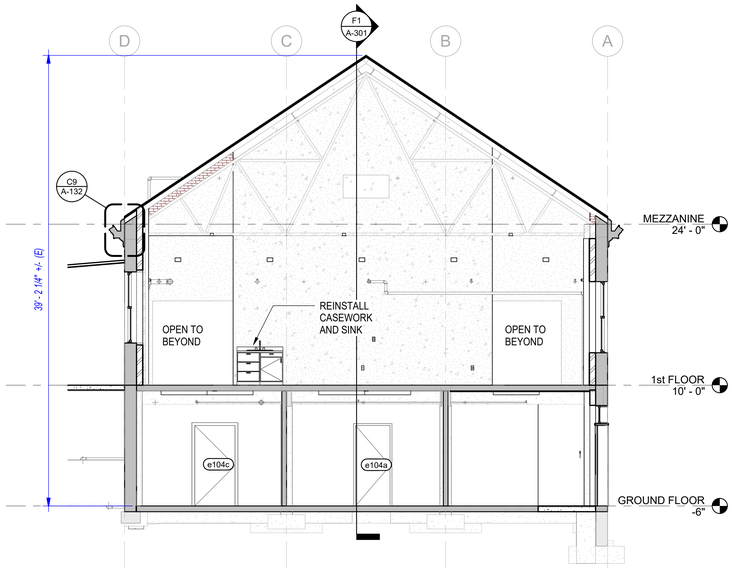
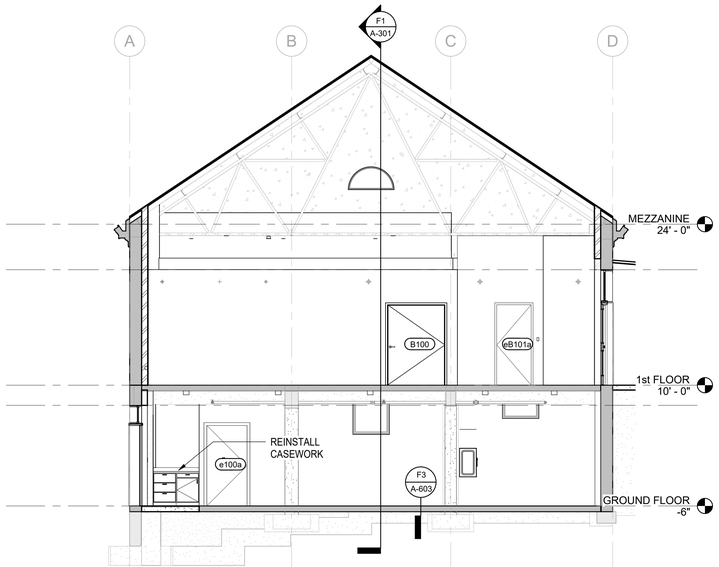


D2 AHEC WALL SECTION
3/4" = 1'-0"



C4 CROSS SECTION 2
3/16" = 1'-0"



C7 CROSS SECTION 1
3/16" = 1'-0"

F1 LONGITUDINAL SECTION 1
3/16" = 1'-0"

0' 1' 2' 3' 4' 8' 16' 24'

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

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Engineering and Construction Services

BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING SECTIONS

Approved: director

Phase: ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16

Location: VA Roseburg Healthcare System

Issue Date: 4/3/2026

Checked: MR

Drawn: LMS

Project Number: 653-104

Building Number: 13

Drawing Number: A-301

VA FORM 08 - 6231

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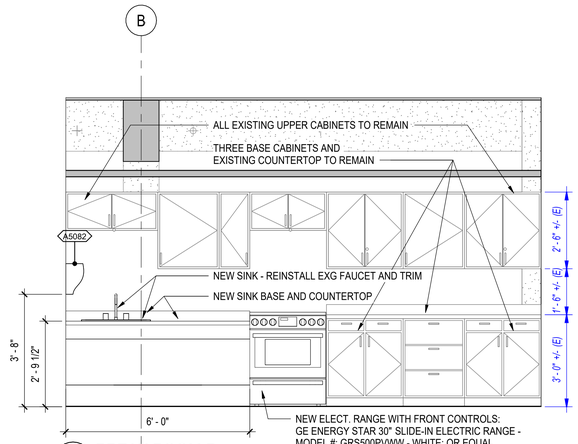
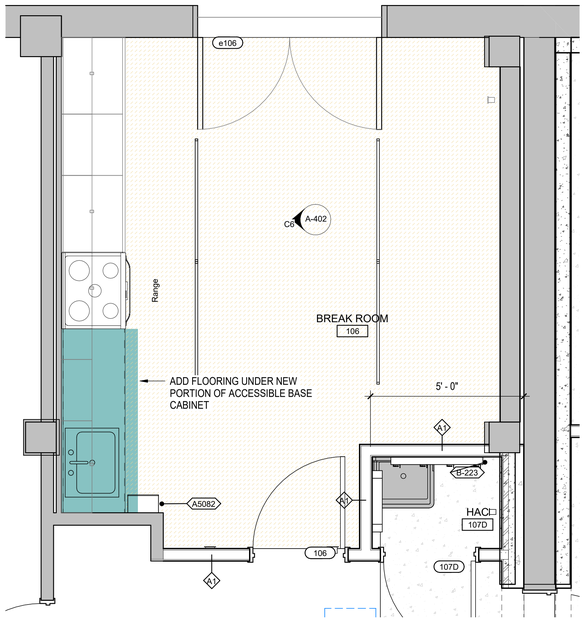
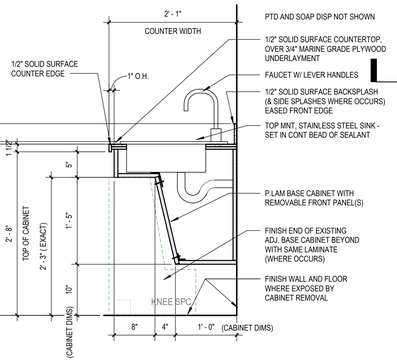


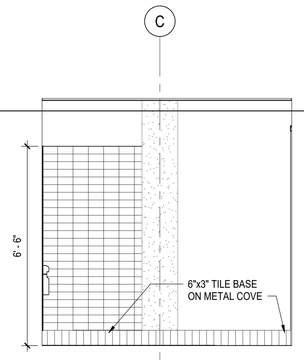
C6 BREAK ROOM D
1/2" = 1'-0"



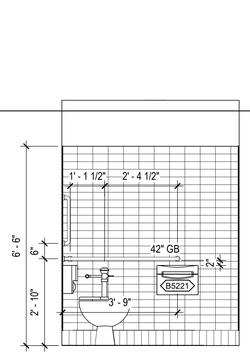
C8 GROUND FLOOR BREAK ROOM
1/2" = 1'-0"



E1 ACCESSIBLE SINK BASE
1" = 1'-0"



E3 TOILET 105A ELEVATION D
1/2" = 1'-0"



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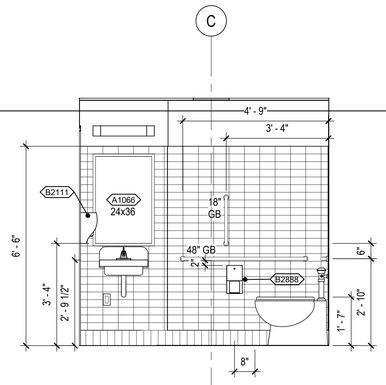
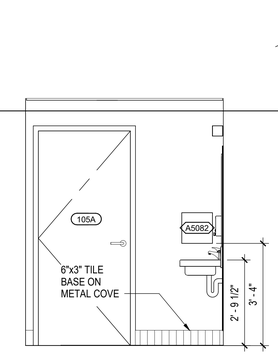
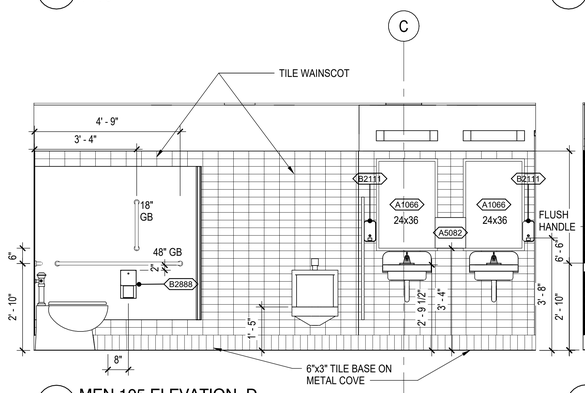


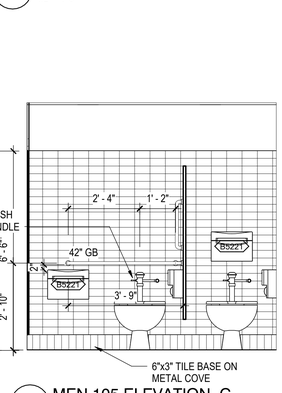
E5 TOILET 105A ELEVATION B
1/2" = 1'-0"



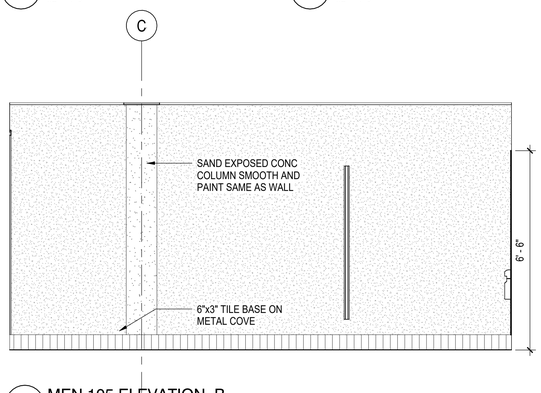
E7 TOILET 105A ELEVATION A
1/2" = 1'-0"



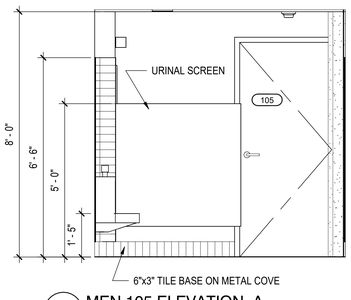
F1 MEN 105 ELEVATION D
1/2" = 1'-0"



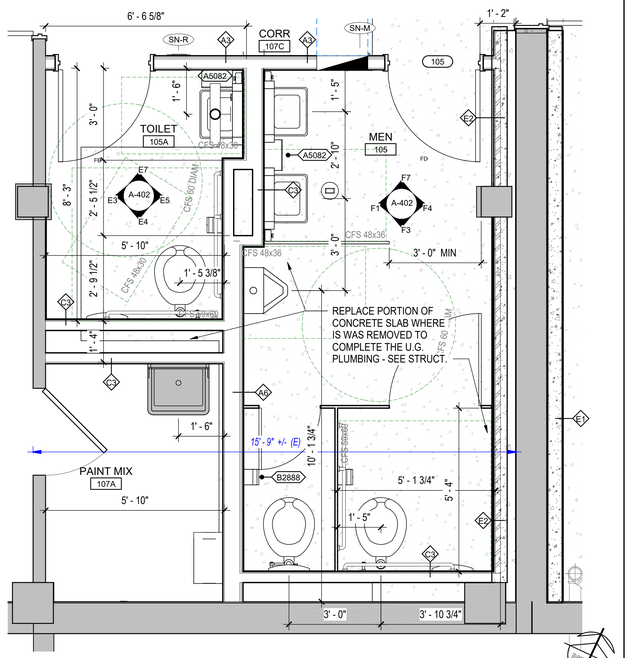
F3 MEN 105 ELEVATION C
1/2" = 1'-0"



F4 MEN 105 ELEVATION B
1/2" = 1'-0"



F7 MEN 105 ELEVATION A
1/2" = 1'-0"



F8 GROUND FLOOR ENLARGED TOILET
1/2" = 1'-0"

Graphic Scale: 1 inch = 2 feet
0 2' 4' 6' 8'

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services

BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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10241 REGISTERED ARCHITECT
LAURA M. STRAUSS
STATE OF WASHINGTON

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED GROUND FLOOR PLANS	ISSUED FOR CONSTRUCTION	SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16	653-104
			Building Number: 13
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number
		Issue Date: 4/3/2026 · Checked: MR · Drawn: LMS	A-402

VA FORM 08 - 6231

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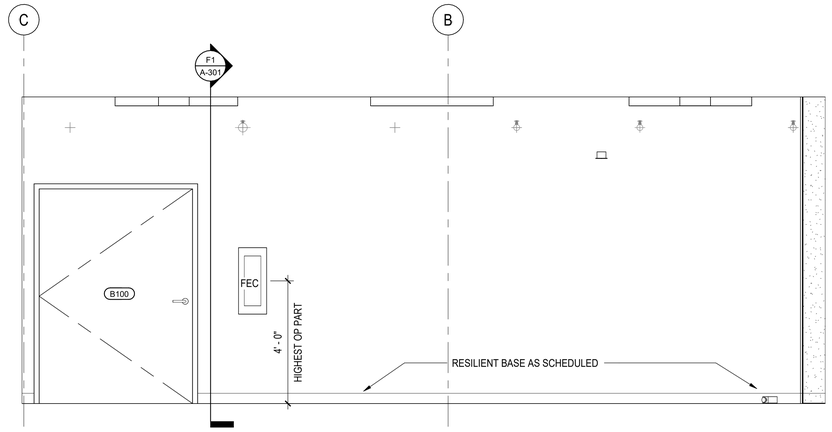
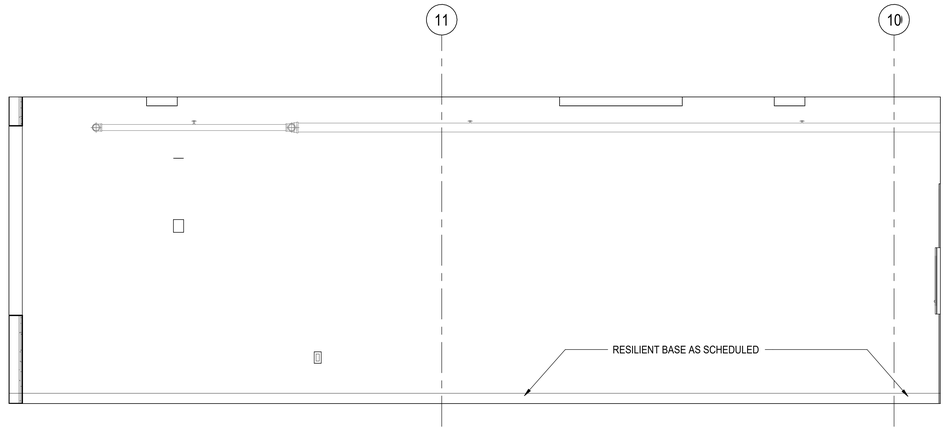
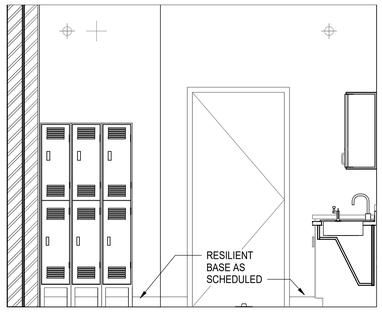


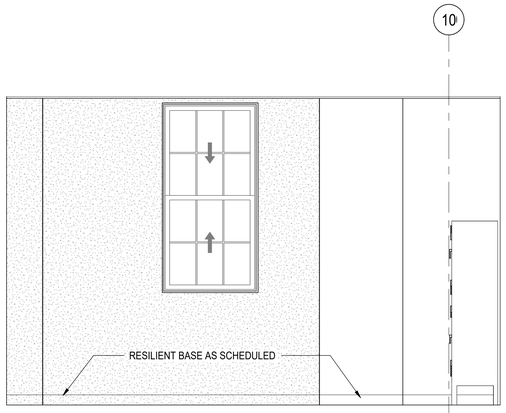
B1 AHEC B100 D
1/2" = 1'-0"



B6 AHEC B100 C
1/2" = 1'-0"



D1 BREAK B101A - 4
1/2" = 1'-0"



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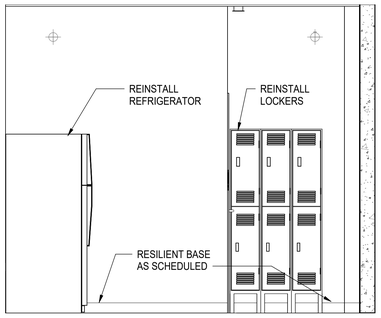
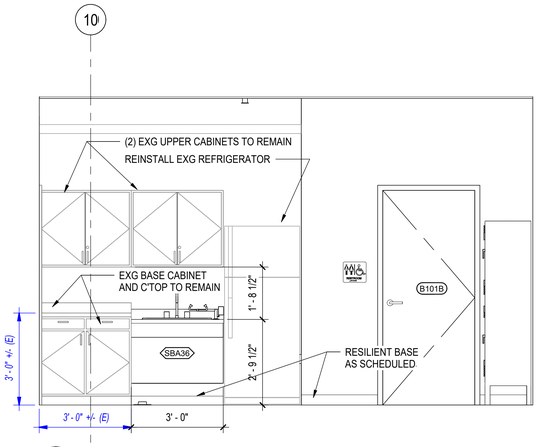
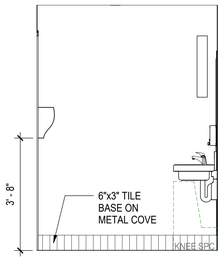
1/2" = 1'-0"



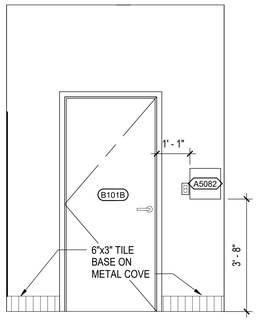
D6 BREAK B101A - 2
1/2" = 1'-0"



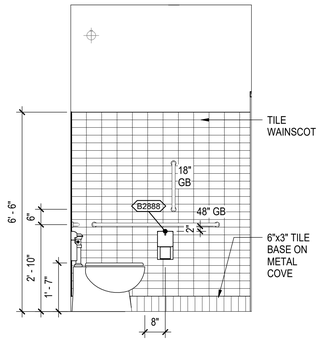
D8 BREAK B101A - 1
1/2" = 1'-0"



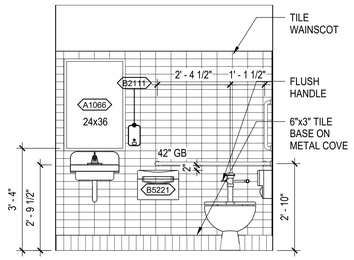
F2 TOILET B101B - 4
1/2" = 1'-0"



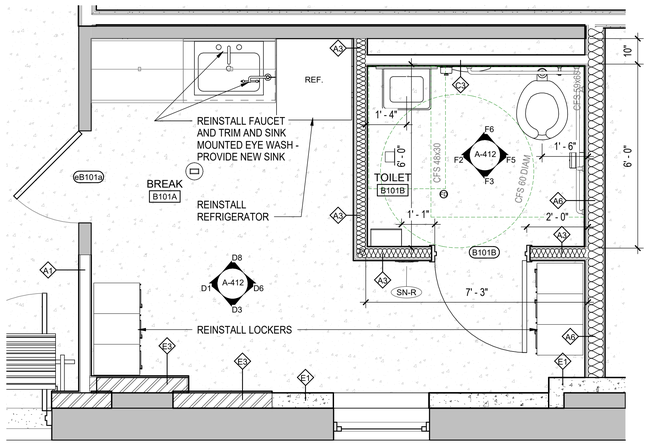
F3 TOILET B101B - 3
1/2" = 1'-0"



F5 TOILET B101B - 2
1/2" = 1'-0"



F6 TOILET B101B - 1
1/2" = 1'-0"



F8 ENLARGED BREAK ROOM TOILET
1/2" = 1'-0"

Graphic Scale: 1 inch = 2 feet
0 2' 4' 6' 8'

Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E:
Blue Trident, LLC
Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP
10241 REGISTERED ARCHITECT
LAURA M. STRAUSS
STATE OF WASHINGTON

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

Drawing Title: ENLARGED FIRST FLOOR PLANS
Approved: director

Phase: ISSUED FOR CONSTRUCTION
FULLY SPRINKLERED

Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16
Location: VA Roseburg Healthcare System
Issue Date: 4/3/2026
Checked: MR
Drawn: LMS

Project Number: 653-104
Building Number: 13
Drawing Number: A-412

VA FORM 08 - 6231

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DOOR AND FRAME SCHEDULE EXISTING DOORS

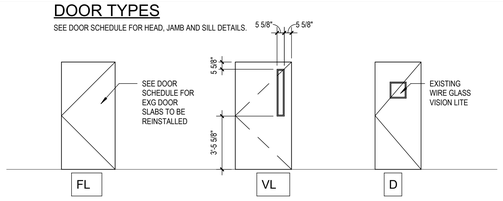
NUM	DOORS TYPE	DOORS MATL	DOORS FINISH	DOORS GLASS TYPE	DOORS SIZE WIDTH	DOORS SIZE HEIGHT	FRAMES TYPE	FRAMES MATL	FRAMES FINISH	FRAMES HEAD	FRAMES JAMB	FRAMES SILL	HARDWARE GROUP	REMARKS
GROUND FLOOR														
e100	EXG	EXG	EXG	EXG	72"	84"	EXG	EXG	EXG	D3 / A602	D3 / A602	--	EXG	
e100a	EXG	EXG	EXG	EXG	42"	84"	EXG	EXG	EXG	--	--	--	EXG	
e100b	EXG	EXG	EXG	EXG	72"	84"	EXG	EXG	EXG	D3 / A602	D3 / A602	--	EXG	
e101	EXG	EXG	EXG	EXG	72"	84"	EXG	EXG	EXG	D3 / A602	D3 / A602	--	EXG	
e103	EXG	EXG	EXG	EXG	72"	84"	EXG	EXG	EXG	D3 / A602	D3 / A602	--	EXG	
e104	EXG	EXG	EXG	EXG	72"	84"	EXG	EXG	EXG	D3 / A602	D3 / A602	--	EXG	
e104a	EXG	EXG	EXG	EXG	36"	84"	EXG	EXG	EXG	--	--	--	EXG	
e104b	EXG	EXG	EXG	EXG	34"	84"	EXG	EXG	EXG	--	--	--	EXG	
e104c	EXG	EXG	EXG	EXG	42"	84"	EXG	EXG	EXG	--	--	--	EXG	
e106	EXG	EXG	EXG	EXG	72"	84"	EXG	EXG	EXG	--	--	--	EXG	
e107	EXG	EXG	EXG	EXG	72"	84"	EXG	EXG	EXG	--	--	--	EXG	
e107a	EXG	EXG	EXG	EXG	34"	84"	EXG	EXG	EXG	--	--	--	EXG	
e107b	EXG	EXG	EXG	EXG	34"	84"	EXG	EXG	EXG	--	--	--	EXG	
1st FLOOR														
eB101	EXG	EXG	EXG	EXG	92"	84"	EXG	EXG	EXG	F3 / A602	F3 / A602	--	EXG	
eB101a	EXG	EXG	EXG	EXG	36"	84"	EXG	EXG	EXG	--	--	--	EXG	
eB101B	EXG FL	EXG WD	STN	--	36"	84"	HM	HM	PNT	C9 / A602 SIM	C9 / A602 SIM	--	EXG	SALVAGE EXISTING DOOR FOR REINSTALLATION AT DOOR B101B
eB101b	EXG	EXG	EXG	EXG	92"	84"	EXG	EXG	EXG	F3 / A602	F3 / A602	--	EXG	
eB101c	EXG	EXG	EXG	EXG	36"	84"	EXG	EXG	EXG	E3 / A602	E3 / A602	--	EXG	
eB102	EXG	EXG	EXG	EXG	92"	84"	EXG	EXG	EXG	--	--	--	EXG	
eB103	EXG	EXG	EXG	EXG	36"	84"	EXG	EXG	EXG	D3 / A602	D3 / A602	--	EXG	

DOOR AND FRAME SCHEDULE NEW DOORS

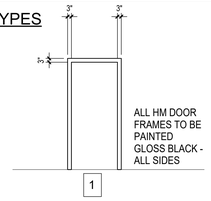
NUM	DOORS TYPE	DOORS MATL	DOORS FINISH	DOORS GLASS TYPE	DOORS SIZE WIDTH	DOORS SIZE HEIGHT	FRAMES TYPE	FRAMES MATL	FRAMES FINISH	FRAMES HEAD	FRAMES JAMB	FRAMES SILL	HARDWARE GROUP	REMARKS
GROUND FLOOR														
102A	VL	HM	PNT	G1	36"	84"	1	HM	PNT	C5 / A602	C5 / A602		HW-5D STOREROOM	
104	VL	HM	PNT	G1	36"	84"	1	HM	PNT	D7 / A602	F7 / A602		HW-4J UTILITY	MODIFY OPENING AS REQ'D TO FIT NEW DOOR AND FRAME
105	FL	HM	PNT	--	36"	84"	1	HM	PNT	C5 / A602	C5 / A602		HW-1 NON LOCKING	
105A	FL	HM	PNT	--	36"	84"	1	HM	PNT	C5 / A602	C5 / A602		HW-2 PRIVACY	
106	VL	HM	PNT	G1	36"	84"	1	HM	PNT	C5 / A602	C5 / A602		HW-1 NON LOCKING	
107C	VL	HM	PNT	G1	36"	84"	1	HM	PNT	D9 / A602	D9 / A602		HW-4J UTILITY	
107D	FL	HM	PNT	--	36"	84"	1	HM	PNT	C5 / A602	C5 / A602		HW-5D STOREROOM	
1st FLOOR														
B100	FL	HM	PT	--	60"	84"	A	HM	PNT	C5 / A602 SIM	C5 / A602 SIM	-	HW-SH-3 SECURITY	Provide monitoring devices and electronic access and egress control.
B101B	EXG FL	EXG WD	STN	--	36"	84"	EXG	EXG HM	PNT	C5 / A602	C9 / A602		EXG	REINSTALL DOOR eB101B, FRAME AND HARDWARE, CLEAN AND REFINISH DOOR

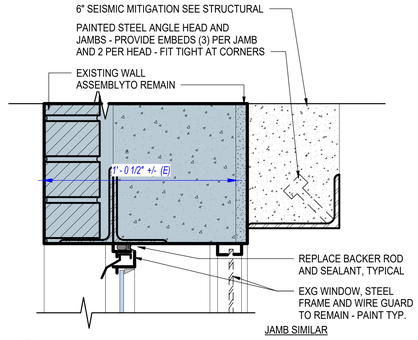
DOOR TYPES

SEE DOOR SCHEDULE FOR HEAD, JAMB AND SILL DETAILS.

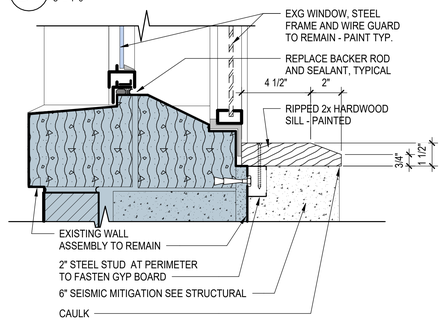


FRAME TYPES





B1 EXG WINDOW HEAD CONC
3" = 1'-0"



C1 EXG WINDOW SILL CONC
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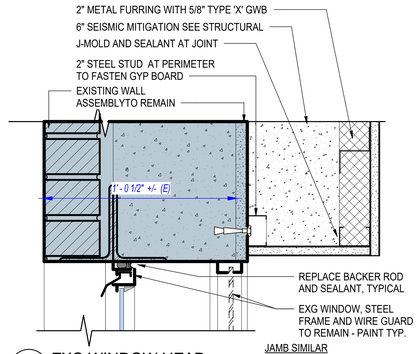
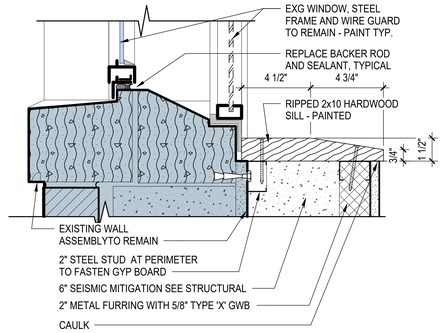


E1 EXG WINDOW HEAD
3" = 1'-0"



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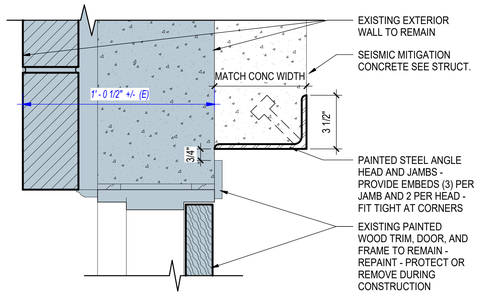
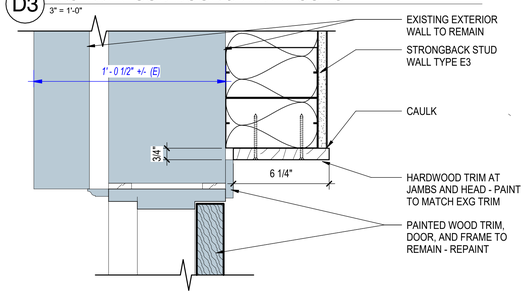
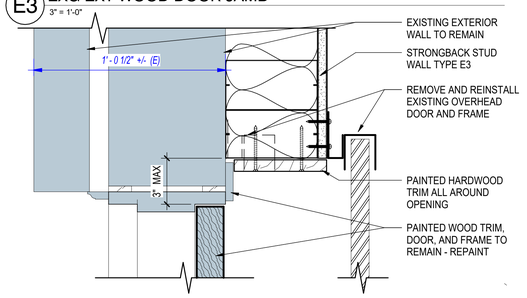


D3 EXG EXT WOOD DOOR JAMB AT CONC
3" = 1'-0"



E3 EXG EXT WOOD DOOR JAMB
3" = 1'-0"



F3 EXG EXT WOOD DOOR JAMB AT OH DOOR
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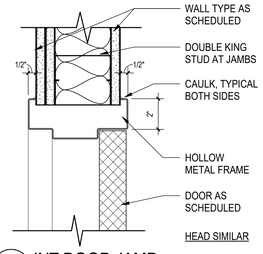
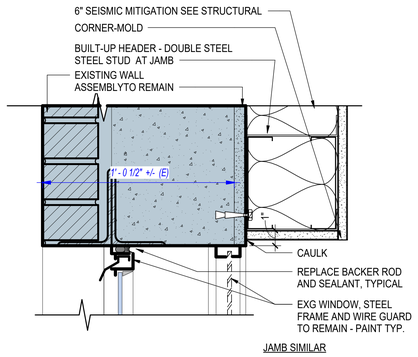
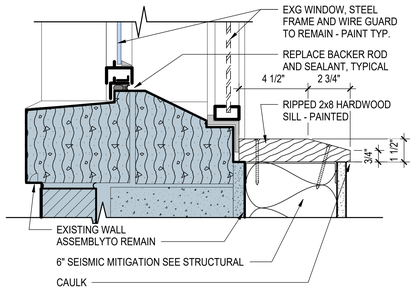


C9 INT DOOR JAMB
3" = 1'-0"



E5 EXG WINDOW HEAD STRONGBACK
3" = 1'-0"



F5 EXG WINDOW SILL STRONGBACK
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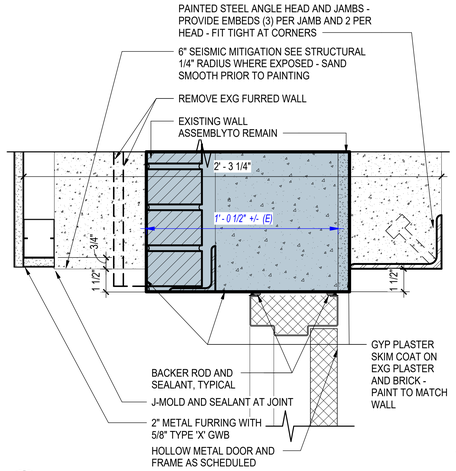
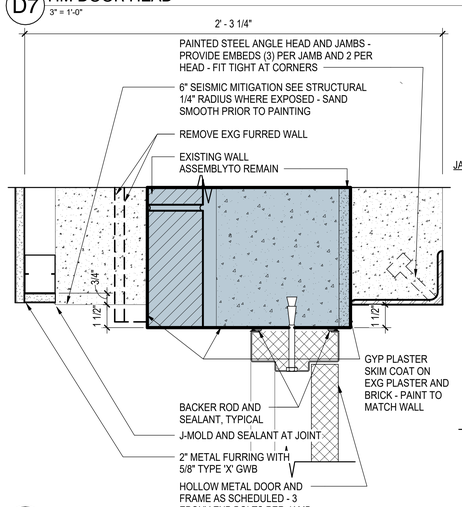


D7 HM DOOR HEAD
3" = 1'-0"



F7 HM DOOR JAMB
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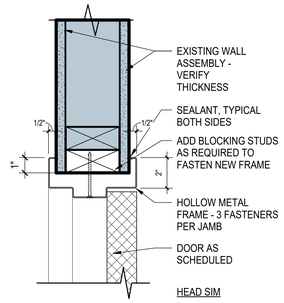
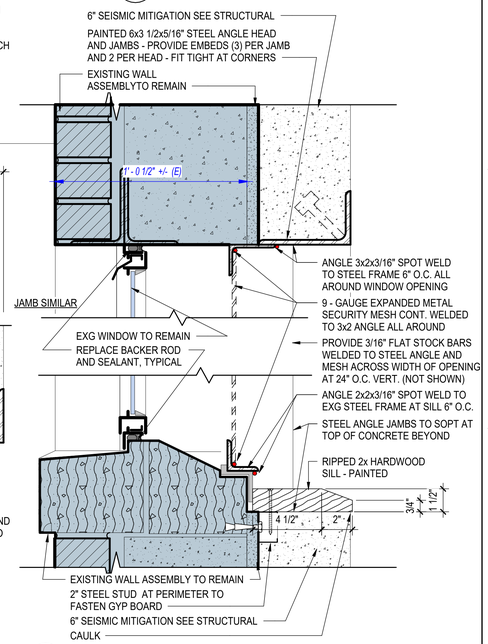


D9 INT DOOR EXG WALL JAMB
3" = 1'-0"



F9 EXG WINDOW AHEC
3" = 1'-0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC — Engineering and Construction Services

BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: DOOR AND WINDOW SCHEDULE AND DETAILS	Phase: ISSUED FOR CONSTRUCTION	Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16	Project Number: 653-104
			Building Number: 13
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: A-602
		Issue Date: 4/3/2026 · Checked: MR · Drawn: LMS	

VA FORM 08 - 6231

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FINISH MATERIAL SCHEDULE

MARK	MATERIAL	MANUFACTURER	STYLE / PRODUCT	COLOR	SIZE	FINISH	NOTES
ACT1	ACOUSTICAL CEILING TILE	ARMSTRONG	OPTIMA	WHITE	24 X 24"	-	-
BBT	BIO-BASED POLYURETHANE	SHAW CONTRACT	INNATE 0895V	FLAX 95114	13 in x 26 in	Exoguard+	MONOLITHIC INSTALL - ONE DIRECTION
CT1	CERAMIC TILE	DAL TILE	Retrospace Remix	Mercury Grey Rectangle Undulated	3" x 6" x 5/16"	GLOSSY	INSTALL VERTICAL, INSTALL WALL TILE HORIZONTAL IN STACK BOND
CT4	CERAMIC TILE	DAL TILE	MOSAIC TILE PATTERN DK16 HEXAGON	D617 ARCTIC WHITE / D311 BLACK	1 X 1 HEXAGON MOSAIC		
PL1	PLASTIC LAMINATE	WILSONART		1570 WHITE	-	60 MATTE	
PL2	PLASTIC LAMINATE	WILSONART		MATCH EXISTING	-	60 MATTE	
PNT1	PAINT	SHERWIN WILLIAMS	-	SW7005 PURE WHITE	-	-	-
RB	RUBBER BASE	JOHNSONITE	COLOR MATCH	20 CHARCOAL	4"		
SLR	SEALED CONCRETE	TBD					
SS1	SOLID SURFACE	WILSONART	SOLID SURFACE	SEA STONE 9202CS			
TP1	PHENOLIC CORE PARTITIONS	BRADLEY	SENTINEL - FLOOR MOUNTED OVERHEAD BRACED	GRAPHITE 837	-		

ROOM FINISH NOTES

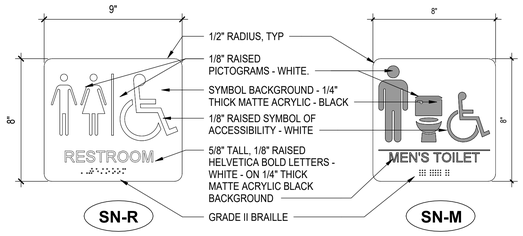
1. ALL WALLS AND COLUMNS TO BE PAINTED PNT1, EGGSHELL FINISH UON.
2. ALL GYP BD SOFFITS TO BE PAINTED PNT1, FLAT FINISH AT UNDERSIDE SURFACE UON.
3. NEW WALL PORTIONS SHALL BE PROVIDED WITH NEW PAINT AND RUBBER BASE TO MATCH EXISTING.
4. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
5. ALL HOLLOW METAL DOOR FRAMES SHALL BE PNT1, SEMI-GLOSS, UON.
6. RESILIENT FLOORING TO CONTINUE UNDER CASEWORK TO WALL.
7. ALL CHANGES IN FLOOR MATERIAL TO OCCUR AT CENTER LINE OF DOOR UON
8. REFER TO PROJECT SPECIFICATIONS AND/OR MANUFACTURER'S PRODUCT SPECIFICATIONS FOR GENERAL PRODUCT INFORMATION.
9. CONTRACTOR SHALL EXAMINE ALL SURFACES TO BE FINISHED AND VERIFY THAT THEY ARE REASONABLY ACCEPTABLE TO RECEIVE SPECIFIED NEW FINISHES.
10. SURFACE DEFECTS OR DEFICIENCIES WHICH MAY ADVERSELY AFFECT WORK SHALL BE CORRECTED OR BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR FOR CORRECTION PRIOR TO COMMENCEMENT OF WORK.
11. ALL SURFACES SHALL BE PREPARED AND PRIMED ACCORDING TO MANUFACTURERS' DIRECTIONS AND RECOMMENDATIONS.
12. CONTRACTOR IS TO NOTIFY ARCHITECT OF ANY DISCREPANCIES OR CONFLICTS REGARDING CONDITIONS OR LOCATIONS FOR APPLICATION OF MATERIALS PRIOR TO OR DURING CONSTRUCTION/INSTALLATION, OR TRADE RESPONSIBILITY FOR CORRECTING SUCH WORK AS DIRECTED BY THE ARCHITECT.
13. THE CONTRACTOR SHALL EXAMINE ALL AREAS OF CONSTRUCTION AFTER COMPLETION OF WORK BY ALL TRADES AND APPROVE ALL NECESSARY TOUCH-UP PAINTING OR PATCHING
14. ALL EXPOSED DRYWALL SURFACES TO BE PAINTED UON.
15. NO RESILIENT BASE SEAM TO OCCUR WITHIN 12" OF A WALL CORNER.

ROOM FINISH SCHEDULE

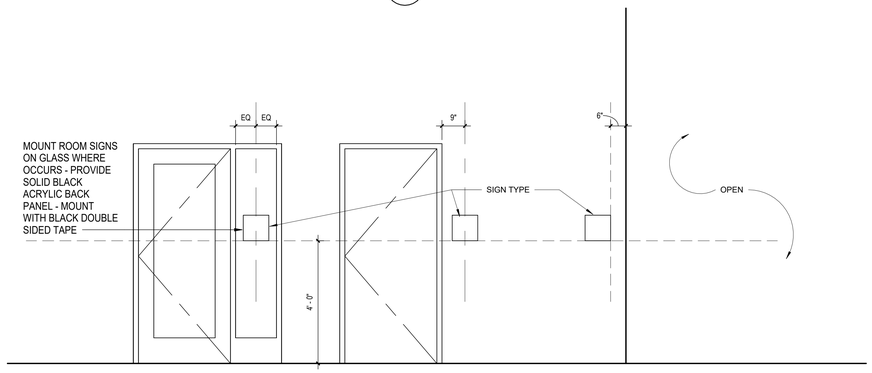
RM NUM	ROOM NAME	FLOOR	BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING	COMMENTS / NOTES
100	CARPENTER SHOP	EXG	EXG	PNT1	PNT1	EXG	EXG	EXG	PAINT NEW CONCRETE WALLS
100A	OFFICE	BBT	RB	PNT1	PNT1	PNT1	PNT1	ACT	
102	PRINT SHOP	BBT	RB	PNT1	PNT1	PNT1	PNT1	ACT	
102A	KEY SHOP	EXG	EXG/RB	PNT1	EXG	EXG	PNT1	EXG	
103	OFFICE	EXG	EXG/RB	PNT1	PNT1	PNT1	PNT1	EXG	PATCH AND REPAIR EXG CEILING
104	GROUNDS	EXG	EXG/RB	PNT1	PNT1	EXG	PNT1	EXG	
104A	DRAFTING	EXG	EXG/RB	EXG	PNT1	EXG	EXG	EXG	
104B	OFFICE	EXG	EXG/RB	PNT1	PNT1	PNT1	PNT1	EXG	
104C	LOCKSMITH	EXG	EXG/RB	EXG	PNT1	EXG	EXG	EXG	
105	MEN	SC	CT	PNT1	CT/ PNT1	CT/ PNT1	CT/ PNT1	ACT	
105A	TOILET	SC	CT	PNT1	CT/ PNT1	CT/ PNT1	CT/ PNT1	ACT	
106	BREAK ROOM	BBT	RB	PNT1	PNT1	PNT1	PNT1	EXG	
107	PAINT SHOP	EXG	EXG	PNT1	EXG	EXG	EXG	EXG	
107A	PAINT MIX	EXG	EXG	PNT1	PNT1	PNT1	PNT1	EXG	
107B	PAINT STORAGE	EXG	EXG	EXG	EXG	EXG	EXG	EXG	
107C	CORR	SC	RB	PNT1	PNT1	PNT1	PNT1	ACT	
107D	HAC	SC	RB	PNT1	PNT1	PNT1	PNT1	EXP/PNT	
B100	AHEC	EXG	EXG	EXG	EXG	EXG	EXG	EXG	
B101	WAREHOUSE	EXG	EXG	PNT1	PNT1	PNT1	PNT1	EXG	
B101A	BREAK	EXG	EXG/RB	PNT1	PNT1	PNT1	PNT1	GWB/ PNT	
B101B	TOILET	EXG	CT	CT/ PNT1	CT/ PNT1	PNT1	PNT1	GWB/ PNT	
B102	STORAGE	EXG	EXG	EXG	PNT1	EXG	EXG	EXG	
B103	STORAGE								
105B	MEZZANINE	EXG	EXG	EXG	EXG	EXG	EXG	EXG	

SIGNAGE SCHEDULE

LEVEL	MARK	ROOM NAME	SIGNAGE TEXT	NOTES
GROUND FLOOR				
GROUND FLOOR	SN-M		MEN' TOILET	
GROUND FLOOR	SN-R		RESTROOM	
1st FLOOR				
1st FLOOR	SN-R		RESTROOM	
Grand total: 3				

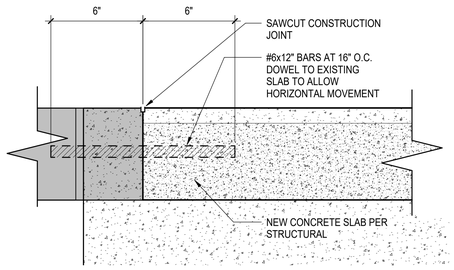


SIGNAGE
3" = 1'-0"

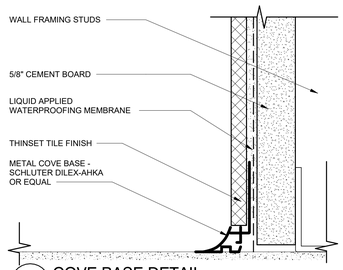


TYPICAL SIGN MOUNTING ELEVATION

SIGN MOUNTING HEIGHT
1/2" = 1'-0"



F3 SLAB CONNECTION
3" = 1'-0"



F5 COVE BASE DETAIL
12" = 1'-0"

SPECIALITY EQUIPMENT SCHEDULE

JSN	NAME	QTY	ACQ/INST	MANUFACTURER	MODEL	REMARKS
A1066	FRAMED, FLOAT GLASS MIRROR, SIZE AS INDICATED	4	C / C	Bobrick Washroom Equipment, Inc.	B-290 2436 SATIN FINISH	
A5082	Dispenser, Paper Towel, Sensor, Hands Free	4	V / C	VERIFY WITH OWNER		
A5906	GRAB BAR - SIZE AS INDICATED	3	C / C	Bobrick Washroom Equipment, Inc.	B6806 x 'LENGTH' SATIN FINISH	
B2111	SOAP DISPENSER	4	V / C	VERIFY WITH OWNER		
B2888	TOILET PAPER DISPENSER	4	V / C	VERIFY WITH OWNER		
B5221	SEAT COVER DISPENSER	5	C / C	Bobrick Washroom Equipment, Inc.	B-5221	
B-223	MOP AND BROOM HOLDER	1	C / C	Bobrick Washroom Equipment, Inc.	B-223 x 36	

C / C = CONTRACTOR FURNISHED, CONTRACTOR INSTALLED V / C = VA FURNNISHED, CONTRACTOR INSTALLED V / V = VA FURNISHED, VA INSTALLED

Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

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

Drawing Title	Phase	Project Title	Project Number
ROOM FINISH, SIGNAGE & EQUIPMENT	ISSUED FOR CONSTRUCTION	SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16	653-104
			Building Number: 13
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: A-603
		Issue Date: 4/3/2026 · Checked: MR · Drawn: LMS	

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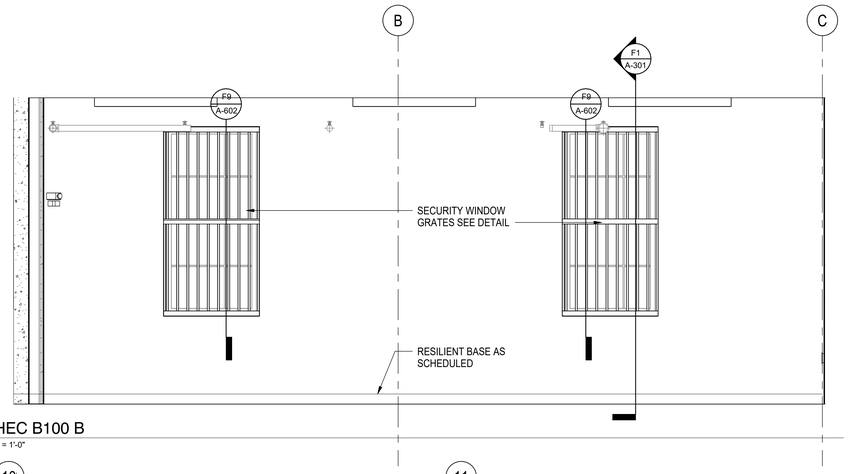
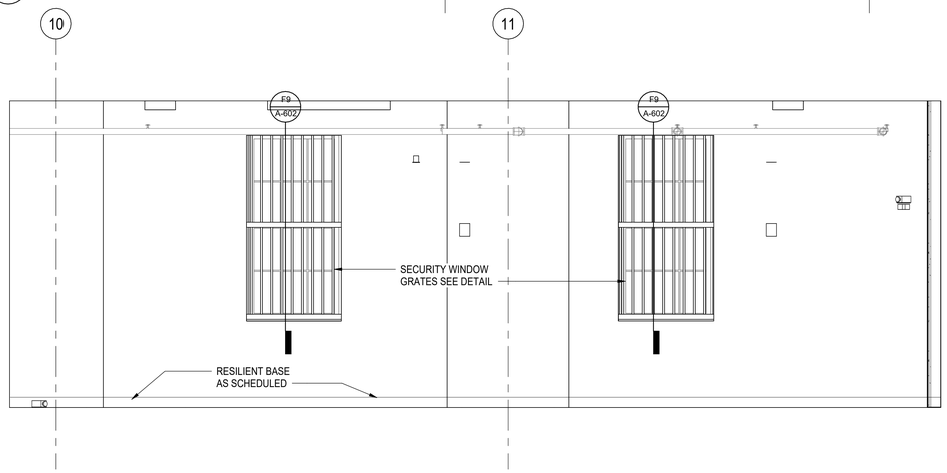
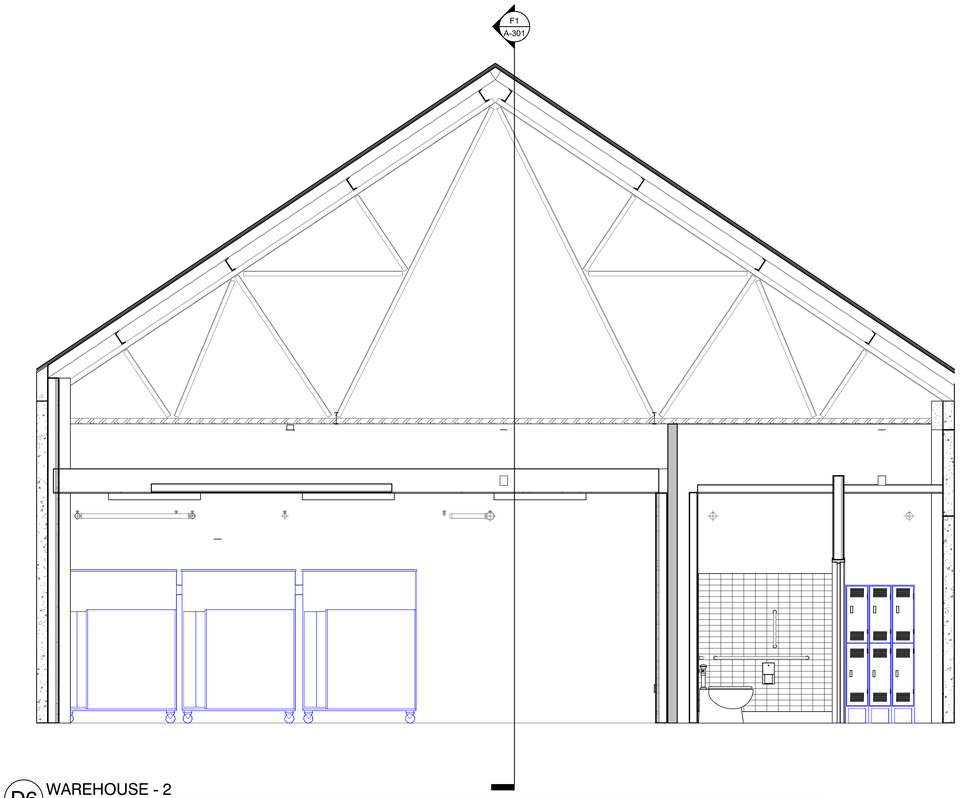


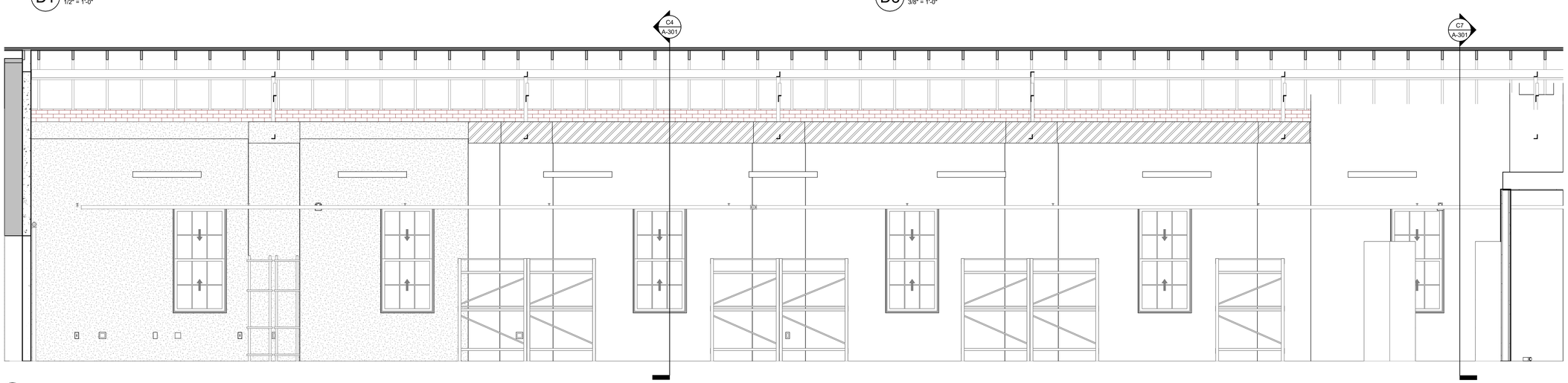
B1 AHEC B100 B
1/2" = 1'-0"



D1 AHEC B100 A
1/2" = 1'-0"



D6 WAREHOUSE - 2
3/8" = 1'-0"



F1 WAREHOUSE - 1
3/8" = 1'-0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services

BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: INTERIOR ELEVATIONS

Approved: director

Phase: ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16

Location: VA Roseburg Healthcare System

Issue Date: 4/3/2026 | Checked: MR | Drawn: LMS

Project Number: 653-104

Building Number: 13

Drawing Number: A-810

VA FORM 08 - 6231

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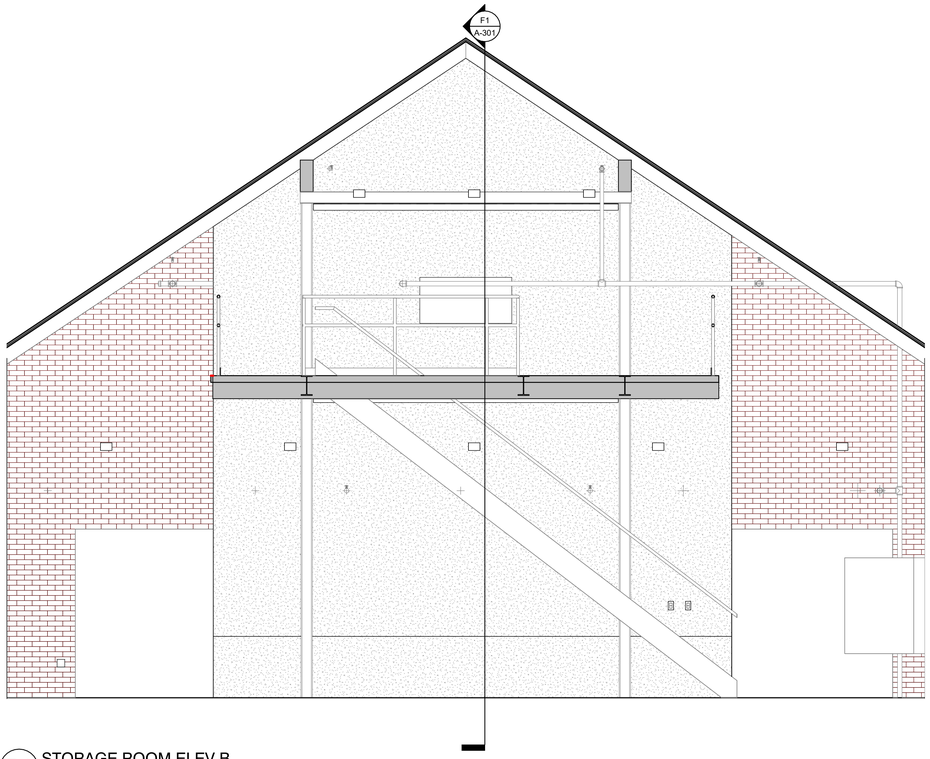
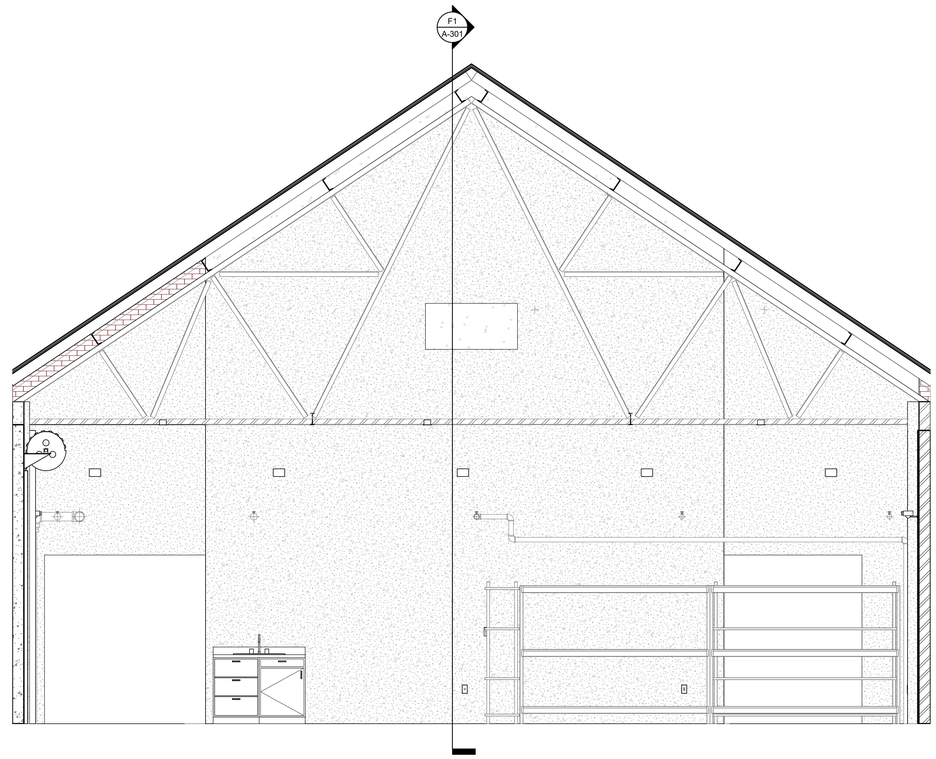
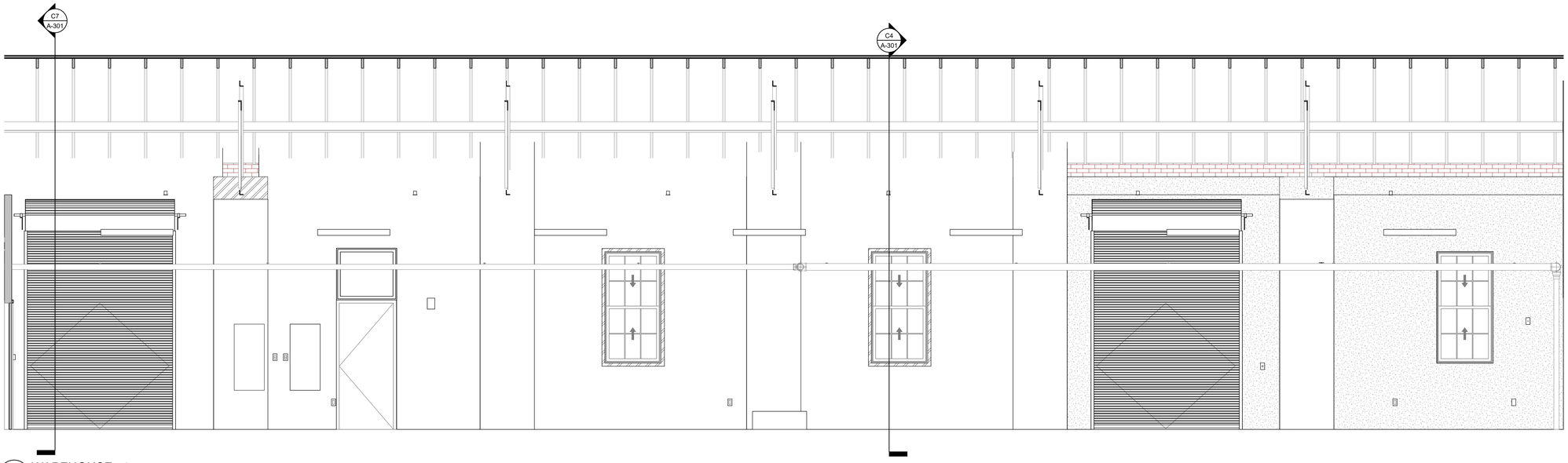


D1 STORAGE ROOM ELEV B
3/8" = 1'-0"



D6 WAREHOUSE - 4
3/8" = 1'-0"



F1 WAREHOUSE - 3
3/8" = 1'-0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

10241 REGISTERED ARCHITECT
LAURA M. STRAUSS
STATE OF WASHINGTON

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: INTERIOR ELEVATIONS

Approved: director

Phase: ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16

Location: VA Roseburg Healthcare System

Issue Date: 4/3/2026

Checked: MR

Drawn: LMS

Project Number: 653-104

Building Number: 13

Drawing Number: A-811

VA FORM 08 - 6231

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DEMOLITION KEY NOTES

1. DOORS BEGINNING WITH THE LETTER 'D' ARE TO BE DEMOLISHED AND REMOVED. DOORS BEGINNING WITH THE LETTER 'w' ARE EXISTING TO REMAIN IN THE SAME LOCATION AS IS. PROTECT FROM CONSTRUCTION OPERATIONS. AT CONTRACTORS OPTION, REMOVE, SALVAGE AND LABEL EACH DOOR FOR RE-INSTALLATION IN THE SAME LOCATION.

2. REMOVE EXISTING HOLLOW CLAY TILE WALL IN ITS ENTIRETY.

3. REMOVE EXISTING CEILING GRID AND ACOUSTICAL PANELS AND ALL RELATED APPURTANENCES, INCLUDED AIR GRILLS, LIGHT FIXTURES, SMOKE DETECTORS, AND OCCUPANCY SENSORS. EXCEPT FOR FLUORESCENT LIGHT FIXTURES, SALVAGE ALL EQUIPMENT FOR REINSTALLATION IN THE SAME LOCATION.

4. REMOVE BASE AND/OR UPPER CABINETS, AND/OR COUNTERTOP AS SHOWN. SALVAGE FOR REINSTALLATION OR DISCARD AS INDICATED.

5. DEMOLISH AND REMOVE FLOOR FINISHES.

6. PREP PLASTER WALL FINISHES ON INSIDE OF EXTERIOR WALLS AND WHERE NOTED IN PREPARATION FOR CONCRETE OR STRONGBACK STUD WALL INSTALLATION.

7. CAREFULLY COVER AND PROTECT INTERIOR TRIM PIECES ON DOORS AND WINDOWS, INCLUDING WIRE MESH WINDOW SCREENS ON THE INTERIOR, IN PREPARATION FOR SEISMIC MITIGATION. AT CONTRACTORS OPTION, REMOVE, SALVAGE AND LABEL EACH TRIM PIECE FOR RE-INSTALLATION IN THE SAME LOCATION.

8. REMOVE CLAY TILE ROOFING IN ITS ENTIRETY. REMOVE THE EXISTING BUILDING FELT TO EXPOSE THE EXISTING 1x ROOF DECKING. REPLACE ALL DAMAGED DECKING MATERIALS AND PREP STRUCTURE FOR INSTALLATION OF NEW PLYWOOD OVERLAY AND METAL ROOFING PANELS AS SPECIFIED.

9. REMOVE EXISTING METAL STUD AND GYPSUM BOARD WALL FULL HEIGHT.

10. NOT USED

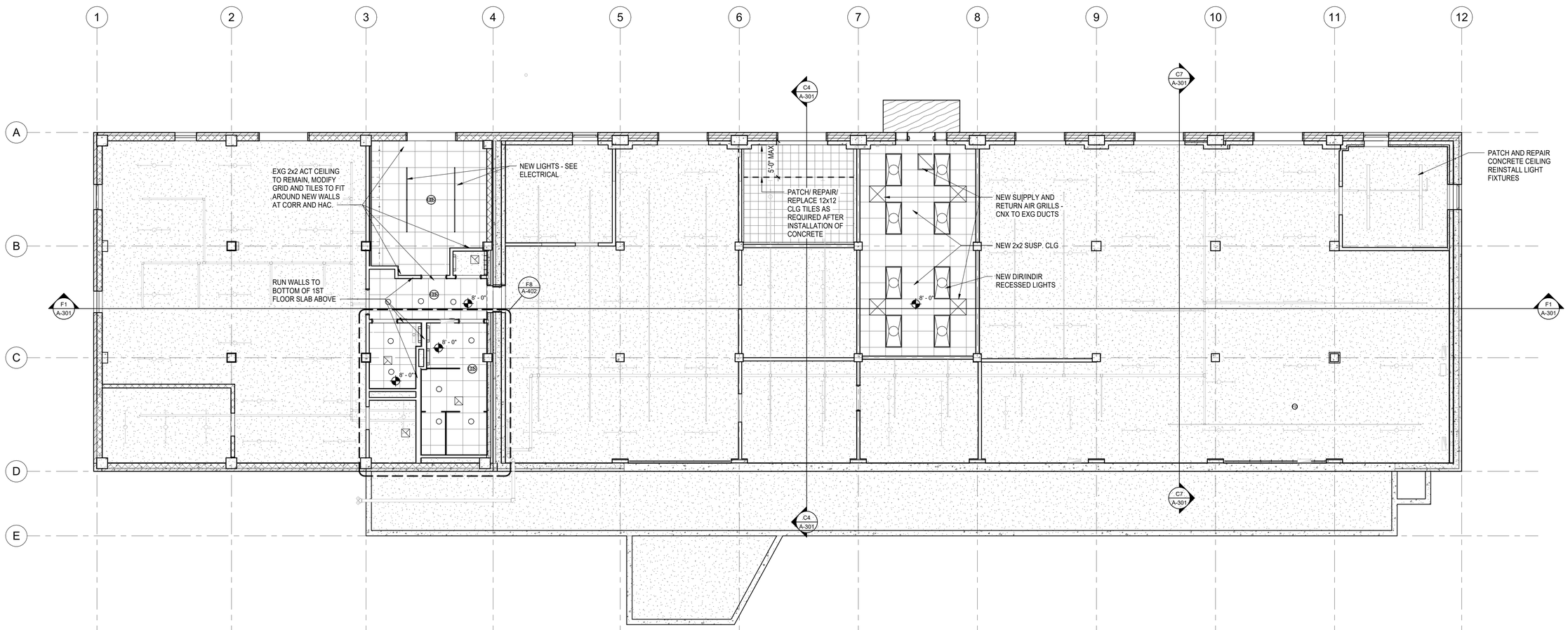
11. REMOVE EXISTING GYPSUM BOARD CEILING AND STRUCTURE MINIMUM OF 5'-0" FROM EXTERIOR WALL TO PREP FOR SHOTCRETE OR STRONGBACK STUD WALL INSTALLATION.

12. REMOVE EXISTING DOOR, FRAME AND HARDWARE. SALVAGE WHERE NOTED AND SCHEDULED.

13. REMOVE EXISTING PLUMBING FIXTURES, PIPING AND TRIM. SALVAGE TRIM FOR REINSTALLATION.

14. SAWCUT PORTION OF EXISTING LAMINATE COUNTERTOP AND REMOVE PORTION WITH SINK OPENING.

15. REMOVE PORTION OF CONCRETE SLAB ON GRADE PER STRUCTURAL FOR INSTALLATION OF SEISMIC MITIGATION TO FOOTINGS, FOUNDATIONS AND PLUMBING PIPING (WHERE OCCURS).



F2 GROUND FLOOR RCP
3/16" = 1'-0"

0' 1' 2' 3' 4' 8' 16' 24'

Revisions:	Date:	CONSULTANT Consultant:	ARCHITECT/ENGINEER OF RECORD A/E: Blue Trident, LLC Engineering and Construction Services BLUE TRIDENT, LLC 900 Winslow Way E, Suite 130 BAINBRIDGE ISLAND, WA 98110 206-972-0645 EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP: 10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT RCP	Phase: ISSUED FOR CONSTRUCTION	Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16	Project Number: 653-104
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: 13
		Issue Date: 4/3/2026 · Checked: MR · Drawn: LMS	Drawing Number: AC102

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DEMOLITION KEY NOTES

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6. PREP PLASTER WALL FINISHES ON INSIDE OF EXTERIOR WALLS AND WHERE NOTED IN PREPARATION FOR CONCRETE OR STRONGBACK STUD WALL INSTALLATION.

7. CAREFULLY COVER AND PROTECT INTERIOR TRIM PIECES ON DOORS AND WINDOWS, INCLUDING WIRE MESH WINDOW SCREENS ON THE INTERIOR, IN PREPARATION FOR SEISMIC MITIGATION. AT CONTRACTORS OPTION, REMOVE, SALVAGE AND LABEL EACH TRIM PIECE FOR RE-INSTALLATION IN THE SAME LOCATION.

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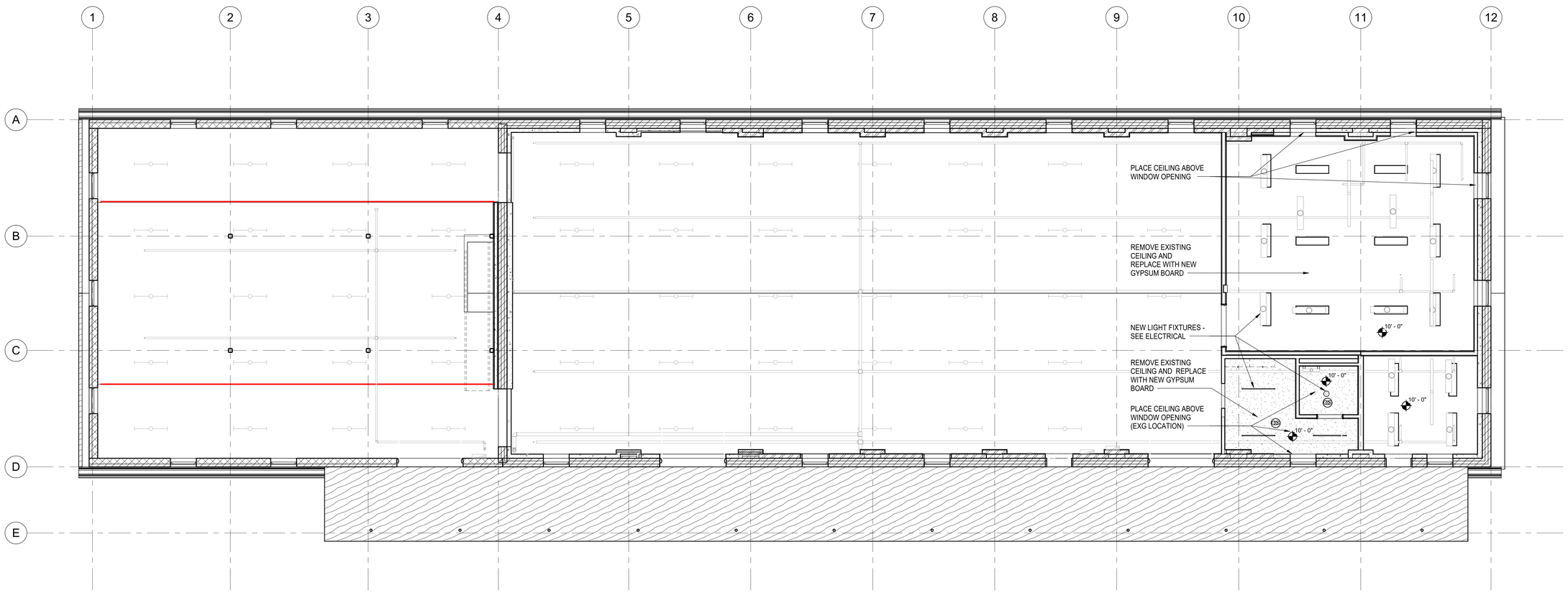

F2 1ST FLOOR RCP
3/16" = 1'-0"

0' 1' 2' 3' 4' 8' 16' 24'

Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP
10241 REGISTERED ARCHITECT LAURA M. STRAUSS STATE OF WASHINGTON

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

Drawing Title: FIRST FLOOR RCP
Approved: director

Phase: ISSUED FOR CONSTRUCTION
FULLY SPRINKLERED

Project Title: SEISMIC RETROFIT AND RENOVATE BUILDINGS 11,13 & 16
Location: VA Roseburg Healthcare System
Issue Date: 4/3/2026
Checked: MR
Drawn: LMS

Project Number: 653-104
Building Number: 13
Drawing Number: AC112

VA FORM 08 - 6231

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GENERAL NOTES

A. PERFORM ALL WORK IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES. OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND PAY FOR ALL FEES REQUIRED BY AUTHORITIES HAVING JURISDICTION. PAY ALL ROYALTIES OR FEES REQUIRED IN CONNECTION WITH THE USE OF PATENTED DEVICES AND SYSTEMS.

B. ARRANGE EQUIPMENT SO THAT ACCESS CLEARANCES INDICATED BY DRAWINGS, REQUIRED BY CODES, OR RECOMMENDED BY MANUFACTURER ARE PROVIDED.

C. INSTALL MATERIALS AND SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND ACCEPTED SUBMITTALS. INSTALL MATERIAL IN PROPER RELATION TO ADJACENT CONSTRUCTION AND WITH UNIFORM APPEARANCE FOR EXPOSED WORK.

GENERAL NOTES - DEMOLITION

A. COORDINATE INTERRUPTIONS OF SERVICES PASSING THROUGH WORK AREA TO MINIMIZE DISRUPTION IN ADJACENT SPACES. COORDINATE WITH BUILDING OWNER.

B. DISCONNECT ALL ABANDONED WIRING OF ALL TYPES AT THE DEVICE SOURCE AND COMPLETELY REMOVE ALL ABANDONED WIRING.

C. MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUITS AND CONDUCTORS. PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.

D. DISCONNECT AND RETAIN EXISTING FIRE ALARM AND MASS NOTIFICATION DEVICES AND WIRING FOR REUSE.

ABBREVIATIONS

A	AIR, AMP
ACU	AIR CONDITIONING UNIT
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AL	ALUMINUM, ACOUSTICAL LINING
ARRGT	ARRANGEMENT
ATM	ATMOSPHERE
BC	BLOWER COIL
BDD	BACKDRAFT DAMPER
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BHP	BRAKE HORSEPOWER
BLDG	BUILDING
BOB	BOTTOM OF BEAM
BOD	BOTTOM OF DUCT
BOS	BOTTOM OF STEEL
BTUH	BRITISH THERMAL UNITS PER HOUR
CAP	CAPACITY
CC	COOLING COIL
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
CHR	CHILLED WATER RETURN
CHS	CHILLED WATER SUPPLY
CI	CAST IRON
CLG	CEILING, COOLING
CNTFGL	CENTRIFUGAL
CO	CLEANOUT
CONC	CONCRETE
COND	CONDENSATE
CONT	CONTINUE, CONTROL
COMP	COMPRESSOR
COP	COEFFICIENT OF PERFORMANCE
CP	CIRCULATING PUMP
CRU	CONDENSATE RETURN UNIT
CU	CONDENSING UNIT
CU FT	CUBIC FEET
CV	CONSTANT VOLUME
CVTR	CONVERTER
CW	COLD WATER
dB	DECIBELS
DB	DRY BULB
DCVA	DOUBLE CHECK VALVE ASSEMBLY
DEG	DEGREE
DF	DRINKING FOUNTAIN
DI	DE-IONIZED
DIA	DIAMETER
DMPR	DAMPER
DN	DOWN
DS	DOWNSPOUT
E	EXISTING
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATING
EF	EXHAUST FAN
EFF	EFFICIENCY
EG	EXHAUST GRILLE
EL	ELEVATION
EQUIP	EQUIPMENT
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR, EXTERNAL
F	FAHRENHEIT, FIRE LINE
FD	FIRE DAMPER, FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FLA	FULL LOAD AMPS
FLR	FLOOR
FLTR	FILTER
FM	FLOW METER
FOB	FLAT ON BOTTOM
FO	FLAT OVAL
FOT	FLAT ON TOP
FOUO	FOR OFFICIAL USE ONLY
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FSD	FIRE SMOKE DAMPER
FT	FEET, FAN TERMINAL
FV	FACE VELOCITY
GA	GAGE
GAL	GALLONS
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
H	HUMIDIFIER, HEIGHT
HB	HOSE BIBB
HC	HEATING COIL
HD	HEAD
HEX	HEAT EXCHANGE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER, HEAT PUMP
HPS	HIGH PRESSURE STEAM
HTG	HEATING
HW	HOT WATER
HWC	HOT WATER CIRCULATING
HWP	HOT WATER PUMP
HWR	HEATING WATER RETURN
HWS	HEATING WATER SUPPLY
HZ	HERTZ
ID	INSIDE DIAMETER, INDIRECT DRAIN
IE	INVERT ELEVATION
IH	INTAKE HOOD
IN	INCH
INIT	INITIAL
INT	INTERIOR
IPLV	INTEGRATED PART LOAD VALUE
KW	KILOWATT
KWH	KILOWATT HOURS
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LB	POUND, LINEAR BAR
LBS	POUNDS
LD	LINEAR DIFFUSER
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPACITY
MD	MANUAL DAMPER
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MOCP	MAXIMUM OVER CURRENT PROTECTION
MOD	MOTOR OPERATED DAMPER
MTR	MOTOR
NC	NORMALLY CLOSED
NEG	NEGATIVE
NIC	NOT IN CONTRACT
NO	NUMBER, NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTDOOR AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPNG	OPENING
ORD	OVERFLOW ROOF DRAIN
ORL	OVERFLOW RAIN LEADER
P	PUMP, PLUMBING
PD	PRESSURE DROP
PH	PHASE
POC	POINT OF CONNECTION
POS	POSITIVE
PR	PUMPED RETURN
P/T	PRESSURE/TEMPERATURE
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
RA	RETURN AIR
RD	ROOF DRAIN
REF	REFERENCE
REQD	REQUIRED
RF	RETURN FAN
RG	RETURN GRILLE
RH	RELIEF HOOD, RELATIVE HUMIDITY
RL	RAIN LEADER
RPBFP	REDUCED PRESSURE BACKFLOW PREVENTER
RPM	REVOLUTIONS PER MINUTE
S	SOIL
SA	SUPPLY AIR
SD	STORM DRAIN, SMOKE DAMPER
SENS	SENSIBLE
SEER	SEASONAL ENERGY EFFICIENCY RATING
SF	SUPPLY FAN, SQUARE FEET
SG	SUPPLY GRILLE
SL	SOUNDLINING
SP	STATIC PRESSURE
SPR	SPRINKLER
SS	STAINLESS STEEL, SANITARY SEWER
STP	STANDPIPE
T	THERMOSTAT
TEMP	TEMPERATURE
TG	TRANSFER GRILLE
TOD	TOP OF DUCT
TOT	TOTAL
TP	TRAP PRIMER, TOTAL PRESSURE
TSP	TOTAL STATIC PRESSURE
TU	TERMINAL UNIT
TYP	TYPICAL
UH	UNIT HEATER
UON	UNLESS OTHERWISE NOTED
V	VENT, VOLT
VA	VALVE
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
VFD	VARIABLE FREQUENCY DRIVE
VTR	VENT THROUGH ROOF
W	WASTE, WATER, WATT, WIDTH
WB	WET BULB
WG	WATER GAGE
WH	WATER HEATER, WALL HYDRANT
WTR	WATER

FIRE ALARM SYMBOLS

- HEAVY LINEWEIGHT INDICATES NEW WORK
- LIGHT LINEWEIGHT INDICATES EXISTING
- DASH LINE INDICATES DEMOLITION
- S — DASH LIGHT FIXTURE/EQUIPMENT/DEVICE TO BE DEMOLISHED
- AIM — ADDRESSABLE INPUT MODULE
- FAA — FIRE ALARM ANNUNCIATOR, +48"
- F — FIRE ALARM PULLSTATION
- SD — FIRE ALARM DUCT SMOKE DETECTOR
- R/F — FIRE ALARM HEAT DETECTOR - RATE OF RISE
- S P — FIRE ALARM SMOKE DETECTOR "P" DENOTES PHOTOELECTRIC
- XX — FIRE ALARM COMBINATION AUDIBLE/VISUAL DEVICE, +80" (MIN. ADA COMPLIANCE)
- XX — FIRE ALARM VISUAL DEVICE, +80" (MIN. ADA COMPLIANCE)
- Z C — FIRE ALARM ADDRESSABLE CONTROL OR MONITORING MODULE "C" DENOTES CONTROL "M" DENOTES MONITOR
- HEAT DETECTOR
- M — FIRE ALARM MAGNETIC HOLD OPEN DEVICE, +74"
- SP — FIRE ALARM SPEAKER
- R — FIRE ALARM INTERFACE RELAY WITH 10AMP MIN. CONTACTS
- K — FIRE ALARM KEY OPERATED TEST SWITCH WITH INDICATOR LIGHT, +60"
- C — FIRE ALARM CONNECTION TO ELECTRIC DOOR CLOSER
- FIRE ALARM CONNECTION TO FIRE ALARM SMOKE DAMPER
- FACP — FIRE ALARM CONTROL PANEL
- BPS — BOOSTER POWER SUPPLY PANEL
- FARA — FIRE ALARM REMOTE ANNUNCIATOR
- SMOKE DAMPER
- FIRE SMOKE DAMPER

FIRE ALARM SHEET INDEX

FA002	B13 FIRE ALARM GENERAL NOTES AND LEGEND
FA102	B13 FIRE ALARM - GROUND FLOOR PLAN
FA112	B13 FIRE ALARM - FIRST FLOOR PLAN
FA612	B13 FIRE ALARM DIAGRAMS

Revisions: Date:

CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

REGISTERED PROFESSIONAL ENGINEER 51037PE OREGON JAN. 9, 2018 CHRISTOPHER LARSEN
Expires: 12/31/2026

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: B13 FIRE ALARM GENERAL NOTES AND LEGEND	Phase: Issued For Construction	Project Title: Seismic Retrofit and Renovate Building 13	Project Number: 653-104
			Building Number: 13
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: FA002
		Issue Date: 04/03/2026 · Checked: PR · Drawn: KS	

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Autodesk Docs://PDX 735-24021 Seismic Retrofit Roseburg for Buildings 11, 13 and 16/735-24021 Roseburg SR Building 13 ETFP V24.rvt
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SHEET NOTES

A. REINSTALL EXISTING FIRE ALARM DEVICES AND REUSE EXISTING WIRING WHERE PRACTICABLE. TEST TO VERIFY EXISTING CABLE INTEGRITY PRIOR TO REUSE. RECORD ALL WIRING BETWEEN DEVICES AND SUBMIT TO EOR FOR AS-BUILT PURPOSES. EXISTING SLC AND MASS NOTIFICATION CABLES MAY BE REUSED IF TESTED AND VERIFIED. SLC CABLING MAY BE T-TAPPED. EXISTING NAC CIRCUIT CABLE MAY BE REUSED IF TESTED AND VERIFIED. IF REUSED CONNECT TO FIRE ALARM (CLEAR LENS) STROBE APPLIANCES.

B. FIRE ALARM DEVICES INSTALLED IN THE ELEVATOR HOISTWAY SHALL BE ACCESSIBLE FOR SERVICING, TESTING, AND MAINTENANCE FROM OUTSIDE THE ELEVATOR HOISTWAY AS REQUIRED BY NFPA 72 21.3.7.

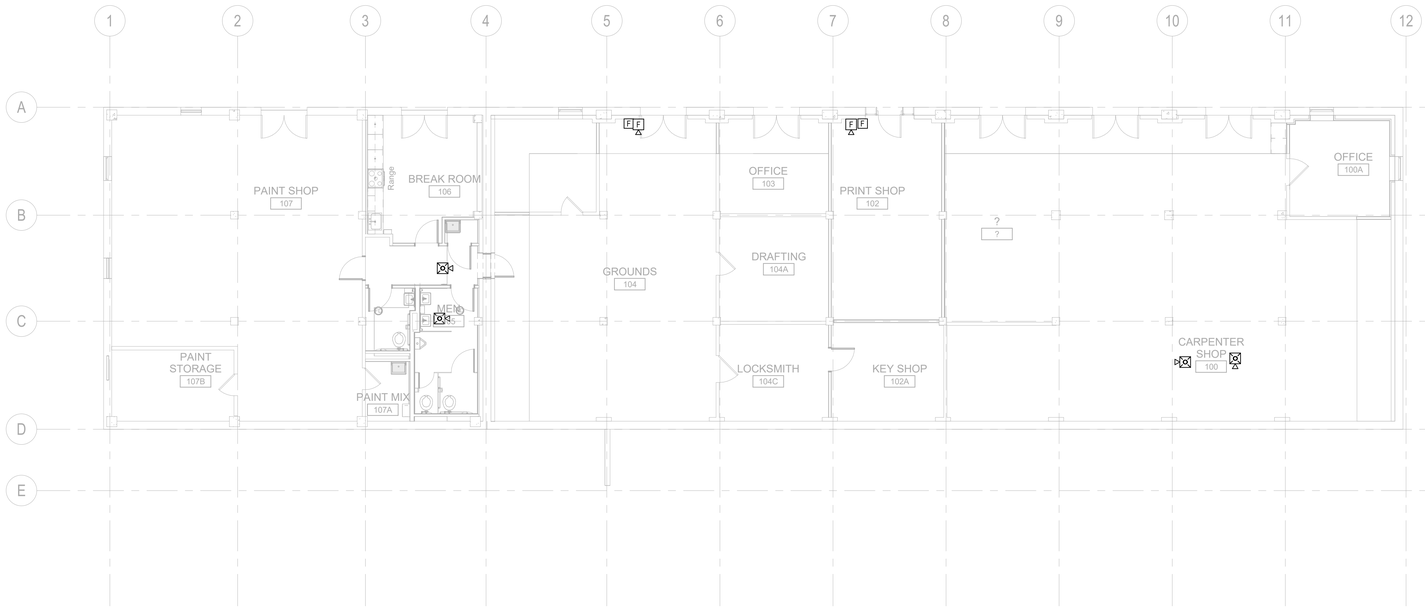
C. REFER TO MECHANICAL CONSULTANT DRAWINGS TO COORDINATE EXACT FIRE DAMPER LOCATIONS.

D. FOR CIRCUITS CROSSING SEISMIC JOINT, PROVIDE EXPANSION DEFLECTION FITTING WITH A MINIMUM OF 1-1/2" DEFLECTION CAPABILITY IN ALL DIRECTIONS.

E. FOR DEVICES INSTALLED ALONG EXISTING EXTERIOR WALL WHERE SHOTCRETE WILL BE APPLIED, ROUGH-IN 3/4" DIAMETER CONDUIT WITH 4SX1-1/2"D BACKBOXES. CONTRACTOR TO NOTIFY STRUCTURAL EOR IF LARGER DIAMETER CONDUIT OR BACKBOX IS REQUIRED.

FLAG NOTES

1. PROVIDE FIRE ALARM CONNECTION TO FIRE SPRINKLER WATER FLOW SWITCH. REFER TO FIRE SPRINKLER DRAWINGS.
2. PROVIDE FIRE ALARM CONNECTION TO FIRE SPRINKLER FIRE SPRINKLER OUTSIDE SCREW AND YOKE VALVE. REFER TO FIRE SPRINKLER DRAWINGS.
3. PROVIDE FIRE ALARM CONNECTION TO ELEVATOR CONTROL PANEL FOR PRIMARY RECALL FUNCTION. REFER TO SITE SPECIFIC ELEVATOR DRAWINGS.
4. PROVIDE FIRE ALARM CONNECTION TO ELEVATOR CONTROL PANEL FOR SECONDARY RECALL FUNCTION. REFER TO SITE SPECIFIC ELEVATOR DRAWINGS.
5. PROVIDE FIRE ALARM CONNECTION TO ELEVATOR CONTROL PANEL FOR FIREMANS HAT FUNCTION. REFER TO SITE SPECIFIC ELEVATOR DRAWINGS.
6. PROVIDE FIRE ALARM CONNECTION TO ELEVATOR CONTROL PANEL FOR SHUNT TRIP FUNCTION. REFER TO SITE SPECIFIC ELEVATOR DRAWINGS.



F3 B13 FIRE ALARM - GROUND FLOOR PLAN
1/8" = 1'-0"

Graphic Scale: 1 inch = 8 feet
0 8' 16' 24' 32'

Revisions:	Date:

CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP
REGISTERED PROFESSIONAL ENGINEER S101ZPF
JAN. 9, 2026
CHRISTOPHER LARSON
Expires: 12/31/2026

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

Drawing Title: B13 FIRE ALARM - GROUND FLOOR PLAN	Phase: Issued For Construction	Project Title: Seismic Retrofit and Renovate Building 13	Project Number: 653-104
			Building Number: 13
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: FA102
		Issue Date: 04/03/2026 · Checked: PR · Drawn: PR	

VA FORM 08 - 6231

Autodesk Docs://FDX 735-24021 Seismic Retrofit Roseburg for Buildings 11, 13 and 16/735-24021 Roseburg SR Building 13 EFFP V24.rvt 4/3/2026 2:19:14 PM

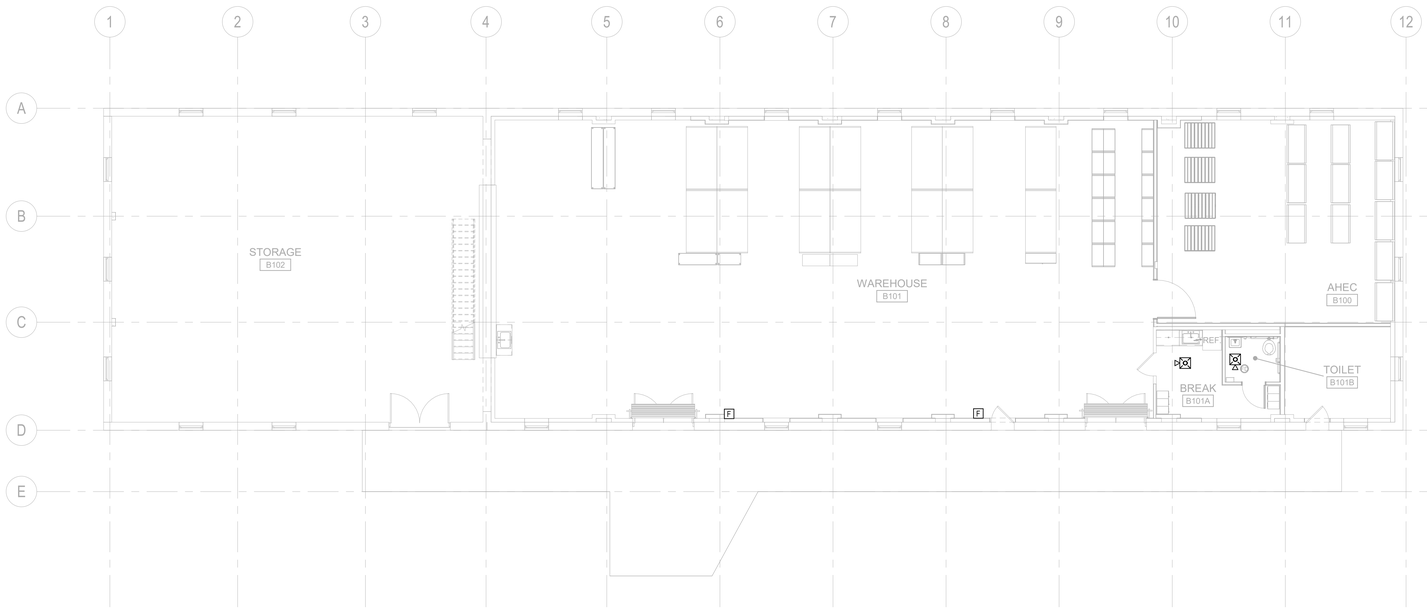
SHEET NOTES

A. SHEET NOTE A ==========

B. SHEET NOTE B ==========

FLAG NOTES

1. PROVIDE FIRE ALARM CONNECTION TO FIRE SPRINKLER WATER FLOW SWITCH. REFER TO FIRE SPRINKLER DRAWINGS.
2. PROVIDE FIRE ALARM CONNECTION TO FIRE SPRINKLER FIRE SPRINKLER OUTSIDE SCREW AND YOKE VALVE. REFER TO FIRE SPRINKLER DRAWINGS.
3. PROVIDE TWO DEDICATED TELEPHONE LINES FOR DIGITAL ALARM COMMUNICATOR TRANSMITTER.



F3 B13 FIRE ALARM - FIRST FLOOR PLAN
1/8" = 1'-0"

Graphic Scale: 1 inch = 8 feet
0 8' 16' 24' 32'

Revisions:	Date:

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111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

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BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP
REGISTERED PROFESSIONAL ENGINEER S101ZPF
CHRISTOPHER LARSON
JAN. 9, 2026
Expires: 12/31/2026

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

Drawing Title	Phase	Project Title	Project Number
B13 FIRE ALARM - FIRST FLOOR PLAN	Issued For Construction	Seismic Retrofit and Renovate Building 13	653-104
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: 13
		Issue Date: 04/03/2026 · Checked: PR · Drawn: PR	Drawing Number: FA112

VA FORM 08 - 6231

Autodesk Docs://FDX 735-24021 Seismic Retrofit Roseburg for Buildings 11, 13 and 16/735-24021 Roseburg SR Building 13 ETFP V24.rvt 4/3/2026 2:19:15 PM

SYMBOLS LEGEND - FIRE PROTECTION

SYMBOL	DESCRIPTION
SPR	SPRINKLER PIPING
	PIPE BREAK (CONTINUATION)
DCVA	DOUBLE CHECK VALVE ASSEMBLY
	CHECK VALVE
	VALVE
	INDICATING VALVE
	PENDENT SPRINKLER HEAD
	UPRIGHT SPRINKLER HEAD
	SIDEWALL SPRINKLER HEAD

SYMBOLS LEGEND - GENERAL

SYMBOL	DESCRIPTION
#	DRAWING CONSTRUCTION ("FLAG") NOTE
X-XX	EQUIPMENT IDENTIFIER
	MATCHLINE
	REVISION CLOUD (ENCIRCLES DRAWING CHANGES MADE SINCE THE PREVIOUS RELEASE)
1	REVISION REFERENCE
	EXISTING TO BE REMOVED (DASHED)
	HEAVY LINEWEIGHT INDICATES NEW WORK
	LIGHT LINEWEIGHT INDICATES EXISTING INFORMATION
	POINT OF CONNECTION
	LIMIT OF DEMOLITION
X / XX.XX	DETAIL REFERENCE DETAIL IDENTIFICATION NUMBER SHEET WHERE DETAIL IS DRAWN
X / XX.XX	ELEVATION REFERENCE ELEVATION IDENTIFICATION NUMBER SHEET WHERE ELEVATION IS DRAWN
X / XX.XX	SECTION REFERENCE SECTION IDENTIFICATION NUMBER SHEET WHERE SECTION IS DRAWN
SAMPLE	NORTH REFERENCE

FIRE PROTECTION GENERAL NOTES

1. THE FULL SCOPE OF THE FIRE SPRINKLER WORK IS THE TOTAL OF WORK SHOWN ON THE DRAWINGS AND CALLED FOR IN THE SPECIFICATIONS. IN CASE OF CONFLICT, THE MORE STRINGENT SHALL GOVERN.

2. FIRE SPRINKLER SYSTEM DESIGN, MATERIALS, METHODS AND INSTALLATION SHALL BE IN COMPLIANCE WITH THE FOLLOWING CODES AND STANDARDS:
   VA FIRE PROTECTION DESIGN GUIDE
   NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEM
   NFPA 14 STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
   NFPA 25 INSPECTION, TESTING AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS
   NFPA 101 LIFE SAFETY CODE

3. ANY SYSTEM MODIFICATIONS (INCLUDING SEISMIS BRACING) SHALL BE DESIGNED AND CALCULATED IN ACCORDANCE WITH NFPA 13. SHOP DRAWINGS, CALCULATIONS AND MATERIAL SUBMITTALS SHALL BE STAMPED BY A STATE OF OREGON LICENSED FIRE PROTECTION ENGINEER PRIOR TO SUBMITTAL TO THE VA COR FOR APPROVAL PRIOR TO CONSTRUCTION.

4. ARRANGEMENT OF SYSTEMS INDICATED ON THE DRAWINGS IS DIAGRAMMATIC AND INDICATES THE MINIMUM REQUIREMENTS FOR SPRINKLER SEISMIC WORK. SITE CONDITIONS SHALL DETERMINE THE ACTUAL ARRANGEMENT OF THE WORK. TAKE FIELD MEASUREMENTS BEFORE PREPARING SHOP DRAWINGS, OBTAIN APPROVAL OF SHOP DRAWINGS BEFORE BEGINNING FABRICATION. SHOP DRAWINGS SHALL ACCURATELY DEPICT DIMENSIONS AND LAYOUT. PROVIDE A SINGLE SUBMITTAL OF ALL FIRE SPRINKLER COMPONENTS, SHOP DRAWINGS AND CALCULATIONS AS SPECIFIED.

5. THOROUGHLY EXAMINE ALL AREAS WHERE SPRINKLER SEISMIC SYSTEM COMPONENTS WILL BE INSTALLED AND REPORT ANY CONDITION THAT PREVENTS THE PROPER INSTALLATION OF THE WORK.

6. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

7. INSTALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND ACCEPTED SUBMITTALS. INSTALL MATERIAL IN PROPER RELATION TO ADJACENT CONSTRUCTION AND WITH UNIFORM APPEARANCE FOR EXPOSED WORK.

8. CLEAN AND PROTECT ALL EXISTING AND NEW WORK FROM DAMAGE. PROVIDE WATERTIGHT PLUGS OR OTHER APPROVED MEANS OF PROTECTING OPEN ENDS OF PIPE DURING CONSTRUCTION.

9. INSPECTION OF SPRINKLER MODIFICATIONS AND SEISMIC BRACING WITNESSED BY THE VA COR. NO PIPING SHALL BE HIDDEN FROM VIEW UNTIL THE VA COR HAS BEEN NOTIFIED AND GIVEN NO LESS THAN THE REQUIRED LEAD TIME IN WHICH TO INSPECT SUCH INSTALLATION.

10. VA SEISMIC RISK DEFINITIONS FOR ROSEBURG, OREGON:

    LATITUDE: 43.224 AND 43.215
    LONGITUDE: -123.336 AND -123.37
    S_S: 1.02
    S_1: 0.46
    SEISMICITY: H (HIGH)
    SEISMIC IMPORTANCE FACTOR: 1.5

FIRE PROTECTION SCOPE

1. THE SCOPE OF THIS PROJECT IS LIMITED TO WORK NECESSARY TO SEISMICALLY RETROFIT THE BUILDING STRUCTURAL AND NON-STRUCTURAL COMPONENTS AND ADDRESS EXISTING FACILITY CONDITION ASSESSMENT (FCA) DEFICIENCIES IN THE BUILDING.

2. THE FIRE PROTECTION SCOPE OF WORK INCLUDES:

   A. SURVEY AND INSPECTION OF THE FIRE SPRINKLER SYSTEM N ACCORDANCE WITH NFPA 25. PROVIDE AS-BUILT DRAWINGS TO DOCUMENT EXISTING CONDITIONS. AS PART OF THE SURVEY IDENTIFY ON THE DRAWINGS ANY SYSTEM DEFICIENCIES (INCLUDING BUT NOT LIMITED TO INSUFFICIENT SPRINKLER COVERAGE, SEISMIC BRACING, SPRINKLER HEADS, ETC.) THAT DO NOT MEET MINIMUM CODE REQUIREMENTS. PROVIDE SUMMARY OF DEFICIENCIES TO THE VA COR.

   B. PERFORM INTERNAL INSPECTION OF PIPE IN A MINIMUM OF TWO LOCATIONS ON EACH FLOOR LEVEL. REMOVE SECTION OF PIPE AND INSPECT FOR INTERNAL CORROSION OR DETERIORATION. PROVIDE PHOTOGRAPHS OF THE INTERIOR OF EACH SECTION AND NOTE LOCATION OF EACH ON THE AS-BUILT DRAWINGS.

   C. SEISMIC BRACING DESIGN IN ACCORDANCE WITH NFPA 13. PROVIDE BRACING WHERE MISSING ON EXISTING PIPING AND WHERE MODIFICATIONS TO EXISTING PIPING ARE REQUIRED.

   D. SPRINKLER DESIGN FOR REMOVAL AND REISTALLATION, OR RELOCATION, OF SPRINKLER PIPING AND/OR BRACING WHERE THERE IS CONFLICT WITH THE SEISMIC MITIGATION INSTALLATION. MANY WALLS IN THE BUILDING WILL BE REINFORCED WITH CONCRETE AND STRUCTURAL ELEMENTS (COLUMNS, ETC.) WILL BE ADDED. ENSURE REQUIRED CLEARANCE IS PROVIDED AROUND ALL PIPE PENETRATIONS.

   E. SPRINKLER DESIGN FOR THE ADDITION OF SEISMIC BRACING WHERE DEFICIENT.

   F. DESIGN FOR SPRINKLER MODIFICATIONS REQUIRED TO ACCOMMODATE SPACE RECONFIGURATIONS AND NEW CEILING HEIGHTS. REPLACE SPRINKLER HEADS IN AREAS IMPACTED WITH NEW CEILING HEIGHTS. PROVIDE QUICK RESPONSE HEADS, PENDENT OR UPRIGHT TO MATCH EXISITNG. COORDINATE STYLE AND FINISH WITH ARCHITECT.

3. IF DEFICIENCIES IN THE EXISTING SYSTEM ARE FOUND NOTIFY THE ARCHITECT AND ENGINEER. OTHER THAT SEISMIC BRACING AND SEISMIC CLEARANCES, DO NOT WORK ON THESE WITHOUT FURTHER AUTHORIZATION FROM THE VA COR.

FIRE PROTECTION SHEET INDEX

FX002	B13 FIRE PROTECTION GENERAL NOTES AND LEGEND
FX102	B13 FIRE PROTECTION - GROUND FLOOR PLAN
FX112	B13 FIRE PROTECTION - FIRST FLOOR PLAN
FX122	B13 FIRE PROTECTION - MEZZANINE FLOOR PLAN

Revisions: Date:

CONSULTANT
Consultant: SAZAN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD
A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP
EMMANUEL BAUTISTA, STATE OF WASHINGTON, 32318, REGISTERED PROFESSIONAL ENGINEER
04/03/2026

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

Drawing Title: B13 FIRE PROTECTION GENERAL NOTES AND LEGEND	Phase: Issued For Construction	Project Title: Seismic Retrofit and Renovate Building 13	Project Number: 653-104
			Building Number: 13
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: FX002
		Issue Date: 04/03/2026 · Checked: PR · Drawn: KS	

VA FORM 08 - 6231

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SHEET NOTES

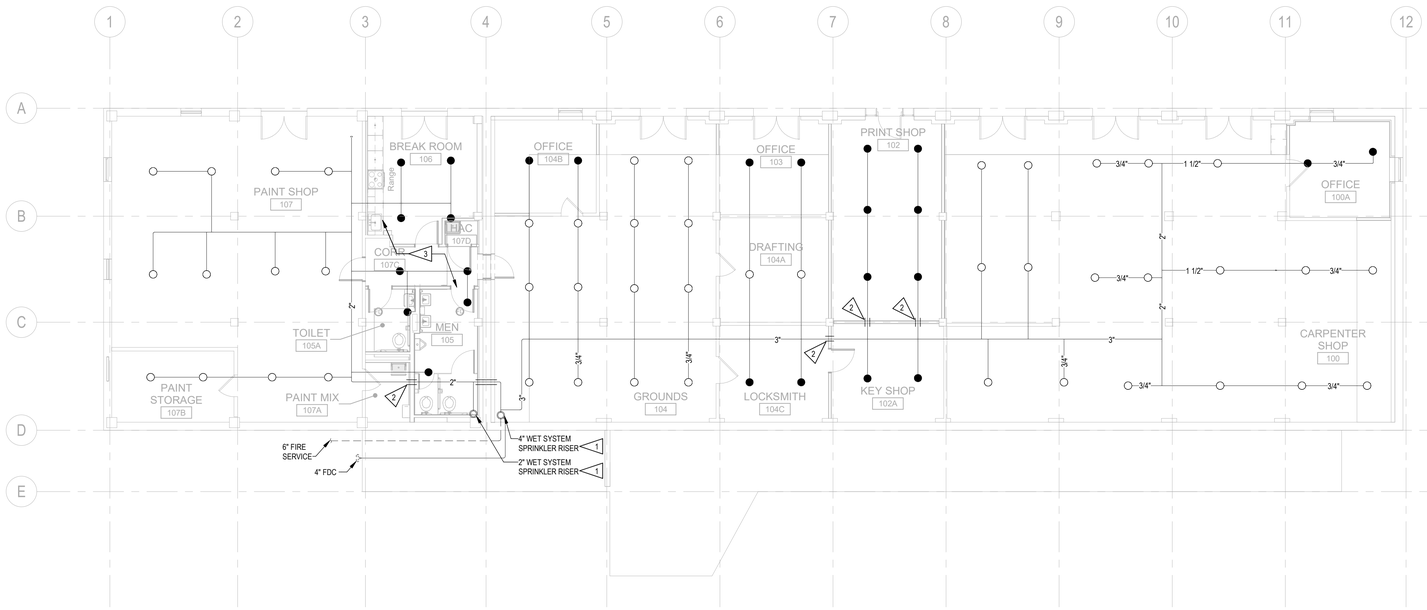
A. EXISTING INFORMATION SHOWN IS BASED ON AVAILABLE RECORD DOCUMENTS AND LIMITED OBSERVATIONS IN THE FIELD AND IS PROVIDED FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY AND DOCUMENT EXISTING CONDITIONS PRIOR TO START OF WORK.

B. REMOVE AND REINSTALL SEISMIC BRACING AS REQUIRED TO ACCOMODATE INSTALLATION OF WALL REINFORCEMENT. MODIFY EXISITING OR PROVIDE NEW TO ENSURE ALL SPINKLER PIPING IS ADEQUATELY BRACED IN ACCORDANCE WITH CODE.

C. INSPECT INTERIOR OF PIPES AT MINIMUM 2 PLACES ON EACH FLOOR AT OPPOSITE ENDS OF BUILDING.

FLAG NOTES

1. RELOCATE RISER AS REQUIRED TO ACCOMMODATE INSTALLATION OF WALL REINFORCEMENT. COORDINATE NEW PENETRATION THROUGH FLOOR TO ENSURE REQUIRED CLEARANCE IS PROVIDED AROUND PIPE. PROVIDE ESCUTCHEON OR OTHER ACCEPTABLE MEANS TO CONCEAL OPENING.
2. PROTECT PIPING AT PENETRATION THROUGH REINFORCED WALL. PROVIDE PIPE SLEEVE TO ENSURE REQUIRED CLEARANCE IS MAINTAINED AROUND PIPE.
3. MODIFY SPRINKLER PIPING AND HEAD LAYOUT AS REQUIRED TO ACCOMMODATE NEW BREAK ROOM AND RESTROOM CONFIGURATION. REPLACE SPRINKLERS AND/OR PROVIDE NEW WHERE NECESSARY.



F3 B13 FIRE PROTECTION - GROUND FLOOR PLAN
1/8" = 1'-0"

Graphic Scale: 1 inch = 8 feet
0 8' 16' 24' 32'

Revisions:	Date:

CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP: PAUL K. CHAN, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER
04/03/2026

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

Drawing Title: B13 FIRE PROTECTION - GROUND FLOOR PLAN
Approved: director

Phase: Issued For Construction
FULLY SPRINKLERED

Project Title: Seismic Retrofit and Renovate Building 13
Location: VA Roseburg Healthcare System
Issue Date: 04/03/2026 | Checked: PR | Drawn: KS

Project Number: 653-104
Building Number: 13
Drawing Number: FX102

VA FORM 08 - 6231

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4/3/2026 2:23:15 PM

SHEET NOTES

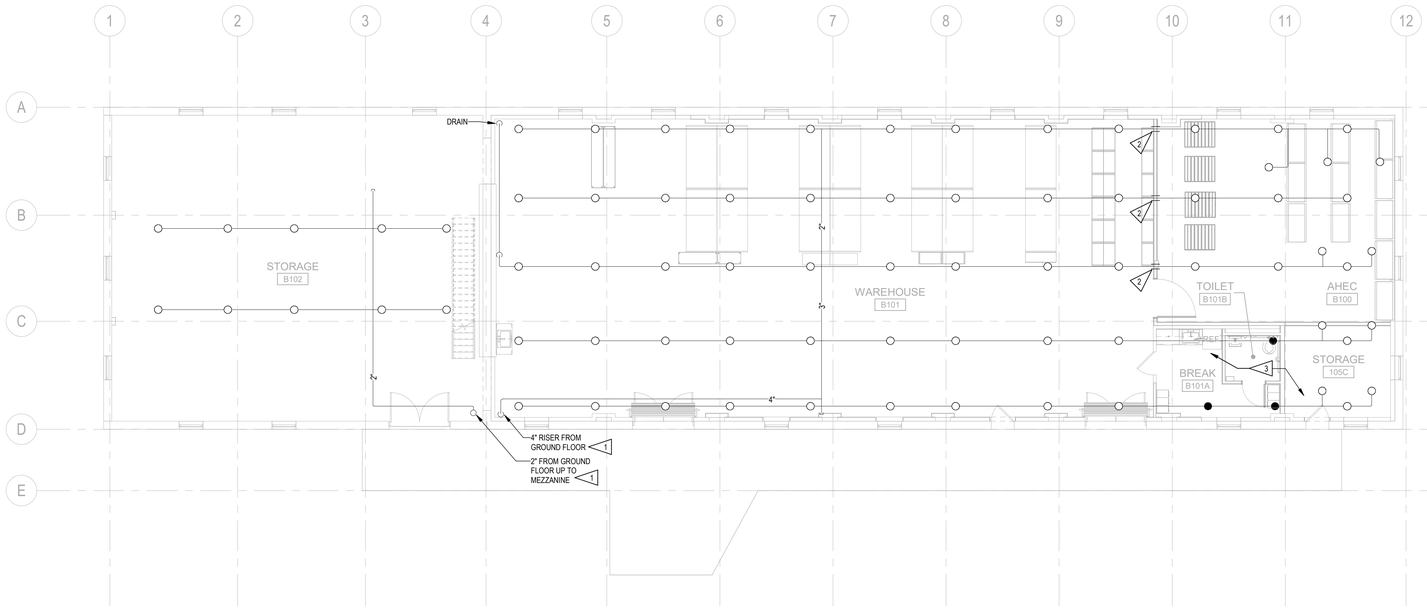
A. EXISTING INFORMATION SHOWN IS BASED ON AVAILABLE RECORD DOCUMENTS AND LIMITED OBSERVATIONS IN THE FIELD AND IS PROVIDED FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY AND DOCUMENT EXISTING CONDITIONS PRIOR TO START OF WORK.

B. REMOVE AND REINSTALL SEISMIC BRACING AS REQUIRED TO ACCOMODATE INSTALLATION OF WALL REINFORCEMENT. MODIFY EXISITING OR PROVIDE NEW TO ENSURE ALL SPINKLER PIPING IS ADEQUATELY BRACED IN ACCORDANCE WITH CODE.

C. INSPECT INTERIOR OF PIPES AT MINIMUM 2 PLACES ON EACH FLOOR AT OPPOSITE ENDS OF BUILDING.

FLAG NOTES

1. RELOCATE RISER AS REQUIRED TO ACCOMMODATE INSTALLATION OF WALL REINFORCEMENT. COORDINATE NEW PENETRATION THROUGH FLOOR TO ENSURE REQUIRED CLEARANCE IS PROVIDED AROUND PIPE. PROVIDE ESCUTCHEON OR OTHER ACCEPTABLE MEANS TO CONCEAL OPENING.
2. PROTECT PIPING AT PENETRATION THROUGH REINFORCED WALL. PROVIDE PIPE SLEEVE TO ENSURE REQUIRED CLEARANCE IS MAINTAINED AROUND PIPE.
3. MODIFY SPRINKLER PIPING AND HEAD LAYOUT AS REQUIRED TO ACCOMMODATE NEW SPACE CONFIGURATIONS. REPLACE SPRINKLERS AND/OR PROVIDE NEW WHERE NECESSARY.



F3 B13 FIRE PROTECTION - FIRST FLOOR PLAN
1/8" = 1'-0"

Graphic Scale: 1 inch = 8 feet
0 8' 16' 24' 32'

Revisions:	Date:

CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP: EMMANUEL C. BAUTISTA, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER
04/03/2026

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

Approved: director

Drawing Title	Phase	Project Title	Project Number
B13 FIRE PROTECTION - FIRST FLOOR PLAN	Issued For Construction	Seismic Retrofit and Renovate Building 13	653-104
	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: 13
		Issue Date: 04/03/2026 · Checked: PR · Drawn: KS	Drawing Number: FX112

VA FORM 08 - 6231

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SHEET NOTES

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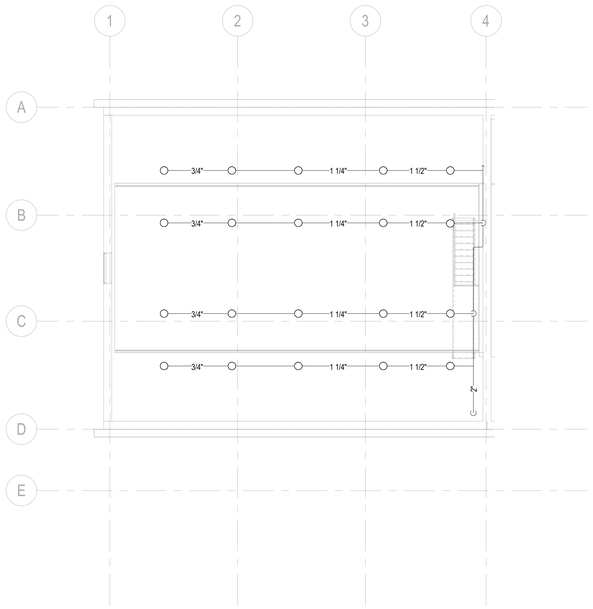
C. INSPECT INTERIOR OF PIPES AT MINIMUM 2 PLACES AT OPPOSITE ENDS OF BUILDING.

FLAG NOTES



F3 B13 FIRE PROTECTION - MEZZANINE FLOOR PLAN
1/8" = 1'-0"

Graphic Scale: 1 inch = 8 feet
0 8' 16' 24' 32'

Revisions:	Date:

CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP
04/03/2026

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

Drawing Title: B13 FIRE PROTECTION - MEZZANINE FLOOR PLAN	Phase: Issued For Construction	Project Title: Seismic Retrofit and Renovate Building 13	Project Number: 653-104
			Building Number: 13
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: FX122
		Issue Date: 04/03/2026 · Checked: PR · Drawn: KS	

VA FORM 08 - 6231

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4/3/2026 2:23:17 PM

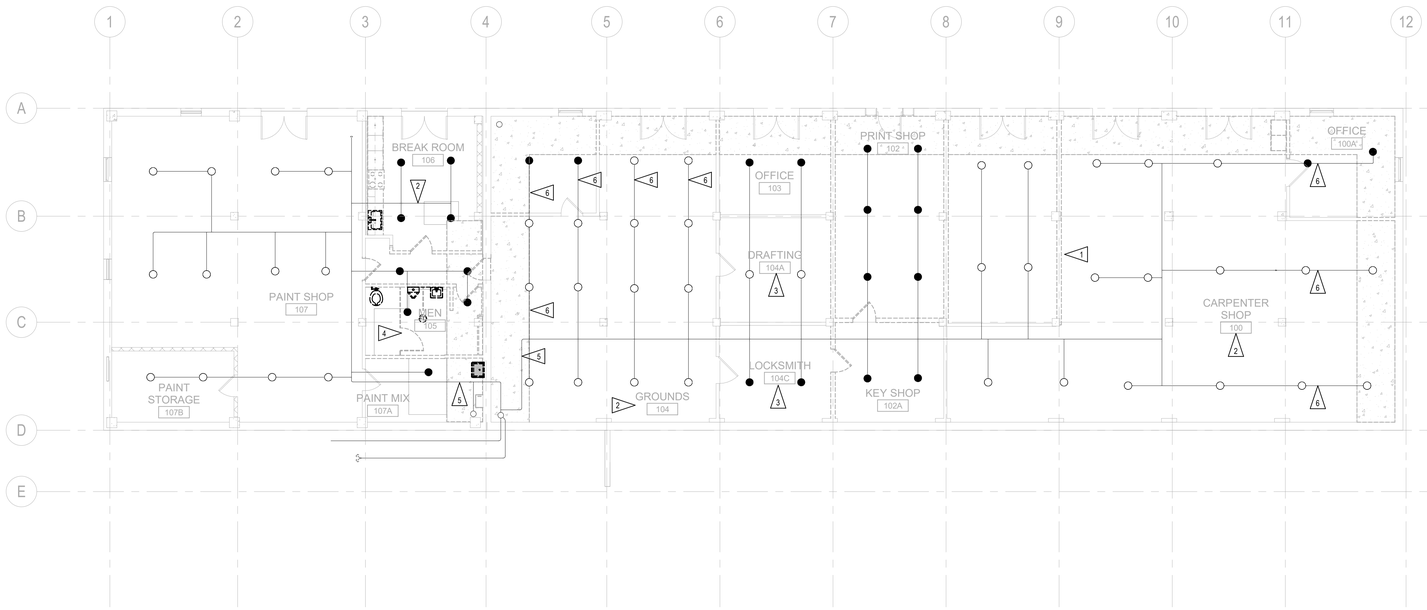
SHEET NOTES

A. CEILING THROUGHOUT THIS BUILDING WILL BE REMOVED

B. INSPECT INTERIOR OF PIPING. SEE FX001

FLAG NOTES

1. WALLS TO BE DEMOLISHED, TYP.
2. INSPECT ENTIRE SYSTEM ONCE CEILINGS ARE OPEN. SEE FX102
3. SEE ARCHITECT DRAWINGS FOR WALLS TO BE STRENGTHENED
4. DEMO EXISTING FIRE SPRINKLERS IN MEN'S ROOM AND ADJACENT CORRIDOR. CAP FOR RECONNECTION.
5. DEMO MAIN PIPING TO CLEAR STRENGTHENED WALL. CAP FOR FUTURE CONNECTION.
6. DEMO BRANCH LINE TO CLEAR STRENGTHENED WALL. CAP FOR FUTURE CONNECTION.



F3 B13 FIRE PROTECTION DEMOLITION - GROUND FLOOR PLAN
1/8" = 1'-0"

Graphic Scale: 1 inch = 8 feet
0 8' 16' 24' 32'

Revisions:	Date:

CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP: EMMANUEL BAUTISTA, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER
04/03/2026

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

Drawing Title: B13 FIRE PROTECTION DEMOLITION - GROUND FLOOR PLAN
Approved: director

Phase: Issued For Construction
FULLY SPRINKLERED

Project Title: Seismic Retrofit and Renovate Building 13
Location: VA Roseburg Healthcare System
Issue Date: 04/03/2026
Checked: PR
Drawn: KS

Project Number: 653-104
Building Number: 13
Drawing Number: FXD102

VA FORM 08 - 6231

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4/3/2026 2:23:18 PM

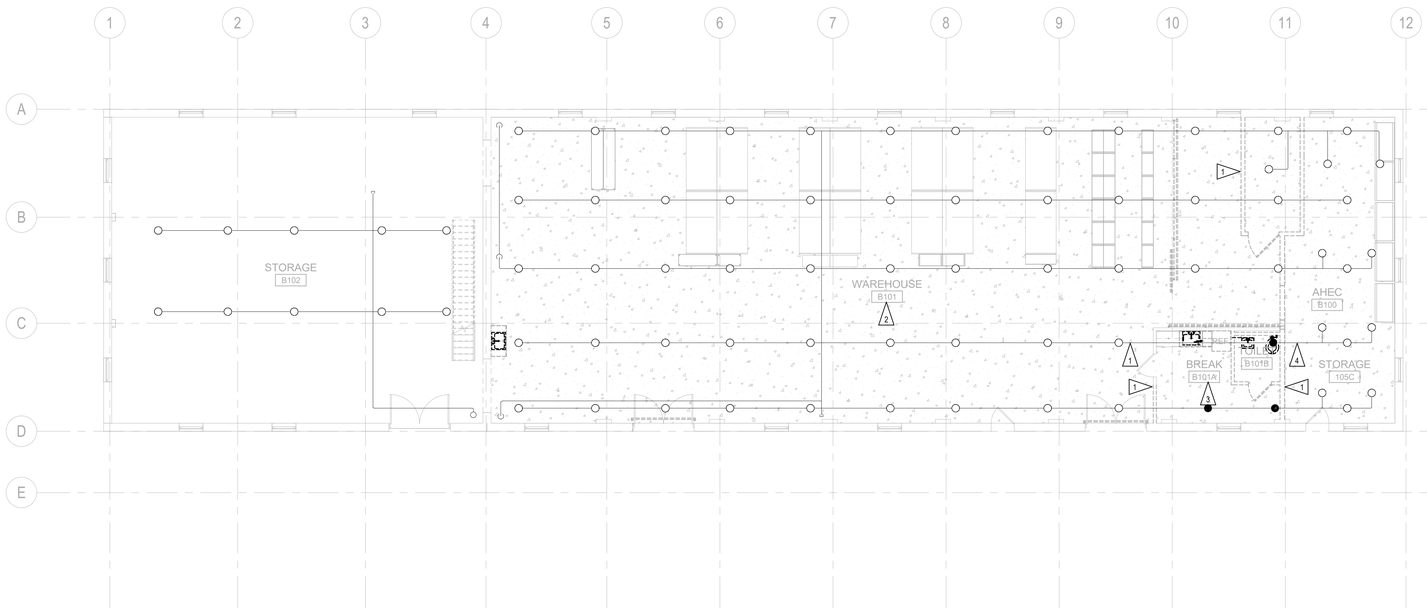
SHEET NOTES

A. CEILING THROUGHOUT THIS BUILDING WILL BE REMOVED

B. INSPECT INTERIOR OF MINIMUM 2 PLACES ON EACH FLOOR AND ATTIC AT OPPOSITE ENDS OF BUILDING

FLAG NOTES

1. WALLS TO BE DEMOLISHED, TYP.
2. INSPECT ENTIRE SYSTEM ONCE CEILINGS ARE OPEN. SEE FX102
3. SEE ARCHITECT DRAWINGS FOR WALLS TO BE STRENGTHENED
4. DEMO BRANCH LINE AND SPRINKLERS. CAP FOR FUTURE CONNECTION. SEE FX102.



F3 B13 FIRE PROTECTION DEMOLITION - FIRST FLOOR PLAN
1/8" = 1'-0"

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CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP
04/03/2026

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

Drawing Title: B13 FIRE PROTECTION DEMOLITION - FIRST FLOOR PLAN	Phase: Issued For Construction	Project Title: Seismic Retrofit and Renovate Building 13	Project Number: 653-104
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: 13
		Issue Date: 04/03/2026 · Checked: PR · Drawn: KS	Drawing Number: FXD112

VA FORM 08 - 6231

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MECHANICAL LEGEND

GENERAL

SYMBOL	ABBREVIATION	DESCRIPTION
——℄——	CL	CENTERLINE
— — — — — —		ITEM TO BE REMOVED
		EXISTING WORK
		NEW WORK OR EXISTING TO BE BRACED
1		SHEET KEYNOTE
XXX 01		MECHANICAL EQUIPMENT TAG
	POC	POINT OF CONNECTION
ø	DIA	DIAMETER OR ROUND
T		TEMPERATURE SENSOR
P–X		PLUMBING FIXTURE TAG
		POINT OF DEMOLITION

A1 TITLE
SCALE: 1/4"=1'–0"
REFERENCE
0 2' 4' 8'
DRAWING BLOCK TITLE
DRAWING BLOCK COORDINATES
REFERENCE SHEET NUMBER
GRAPHIC SCALE

DETAIL NUMBER
A1
M–000
SHEET WHERE DETAIL IS LOCATED
DETAIL TAG

PROJECT NORTH INDICATOR
TRUE NORTH INDICATOR
NORTH ARROW SYMBOL

VALVES & FITTINGS

SYMBOL	ABBREVIATION	DESCRIPTION
		PIPE UP AND DOWN (SINGLE LINE)
		PIPE DOWN (SINGLE LINE)
		FLOW DIRECTION
		FLOW DIRECTION (HIGH POINT TO LOW POINT)
		CAP
		FLEXIBLE CONNECTOR

PIPING SYSTEMS

SYMBOL	ABBREVIATION	DESCRIPTION
— — —CDR— — —	CDR	CONDENSATE RETURN
——LPS——	LPS	LOW PRESSURE STEAM
——CW——	CW	DOMESTIC COLD WATER
——HW——	HW	DOMESTIC HOT WATER
— — — W — — —	W	WASTE
— — — V — — —	V	VENT

DUCTWORK CONT.

SINGLE LINE	DOUBLE LINE	DESCRIPTION
RECT. / ROUND		CONICAL SPIN–IN TAKEOFF
ROUND / ROUND		TAKEOFF BOOT
ROUND / ROUND		CONICAL TEE
RECT. / RECT.		BRANCH TAKEOFF
		H–HIGH, L–LOW, W–WALL G–GRILLE, R–REGISTER
		TRANSITION (ROUND TO ROUND/RECTANGULAR TO RECTANGULAR)
		TRANSITION (RECTANGULAR TO ROUND)

MECHANICAL DRAWING INDEX

SHEET NO.	DRAWING TITLE	SHEET #
M–001	GENERAL NOTES, LEGEND, ABBREVIATIONS AND SHEET INDEX	–
MD–111	MECHANICAL DEMO PLANS	–
M–111	MECHANICAL PLANS	–
M–112	MEZZANINE MECHANICAL PLAN	–
M–400	ENLARGED PLUMBING PLANS	–
M–401	ENLARGED MECHANICAL PLANS	–
M–501	MECHANICAL DETAILS	–
M–601	MECHANICAL SCHEDULES	–

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE 2024 INTERNATIONAL BUILDING CODE, 2024 INTERNATIONAL MECHANICAL CODE, 2024 UNIFORM PLUMBING CODE, 2024 OREGON STATE ENERGY CODE, AND OTHER APPLICABLE FEDERAL, STATE, OR LOCAL CODES AS ADOPTED AND ENFORCED BY THE LOCAL JURISDICTION. IN CASE THE PLANS SHOW MORE STRINGENT REQUIREMENTS, THE PLANS SHALL GOVERN THE DESIGN, YET NOTHING ON THE DESIGN DOCUMENTS SHALL BE INTERPRETED AS AUTHORITY TO VIOLATE CODE(S) OR REGULATION(S).
2. SUBMISSION OF BID IN CONNECTION WITH THIS WORK SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE UNDER WHICH THE CONTRACTOR WILL BE OBLIGATED TO OPERATE UNDER THIS CONTRACT. NO EXTRA CHARGE WILL BE ALLOWED FOR FAILURE OF ANY BIDDER TO EXAMINE THE SITE PRIOR TO BID.
3. WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
4. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON DRAWINGS AND SPECIFICATIONS WITH CODE REQUIREMENTS, THE MORE STRINGENT STANDARD SHALL PREVAIL.
5. CARE SHALL BE EXERCISED TO MINIMIZE ANY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION. ISOLATE WORK AREAS TO KEEP DUST AND DIRT WITHIN THE CONSTRUCTION AREA.
6. NO PIPING, EQUIPMENT, ETC. SHALL BE REMOVED, DISCONNECTED OR SHUT DOWN WITHOUT PRIOR REVIEW WITH THE COR TO CONFIRM THAT AREAS TO REMAIN IN OPERATION WILL NOT BE AFFECTED. IF ANY AREAS NOT WITHIN THE SCOPE OF WORK ARE AFFECTED BY ANY SHUTDOWN, REMOVAL OR DISCONNECTION, SUFFICIENT ADVANCE NOTICE MUST BE GIVEN TO THE COR INDICATING WHICH AREAS WILL BE AFFECTED, WHEN THE PROPOSED SHUTDOWN WILL OCCUR, AND FOR HOW LONG A PERIOD OF TIME.
7. THE ARRANGEMENT OF EQUIPMENT AND PIPING SHOWN ON THE DRAWINGS IS BASED UPON INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF DESIGN AND IS NOT INTENDED TO SHOW EXACT DIMENSIONS. THIS CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE SITE MAKING FIELD MEASUREMENTS AND SHOP DRAWINGS NECESSARY FOR FABRICATION OR ERECTION OF HVAC SYSTEMS. MAKE ALLOWANCE FOR BEAMS, PIPES AND OTHER OBSTRUCTIONS IN BUILDING CONSTRUCTION. CHECK DRAWINGS SHOWING WORK OF OTHER TRADES AND CONSULT WITH THE COR'S REPRESENTATIVE IN THE EVENT OF POTENTIAL INTERFERENCE. SHOP DRAWINGS SHALL BE MINIMUM 1/4"=1'–0" SCALE, INDICATING FITTINGS, SIZES, WELDS AND CONFIGURATIONS AND SUBMITTED TO ENGINEER FOR REVIEW.
8. THIS CONTRACTOR SHALL COORDINATE THEIR WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION, PURCHASE AND/OR INSTALLATION OF ALL WORK.
9. EXISTING MATERIALS THAT ARE REMOVED SHALL NOT BE REUSED IN NEW SYSTEMS, EXCEPT WHERE INDICATED AS BEING RELOCATED.
10. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
11. THIS CONTRACTOR SHALL NOT BORE, NOTCH, CUT, OR PENETRATE INTO A STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM A DESIGNATED STRUCTURAL ENGINEER AND THE COR.
12. ALL PIPE ELBOWS SHALL BE LONG RADIUS UNLESS OTHERWISE SPECIFICALLY NOTED ON THE DRAWINGS.
13. COORDINATE ACCESS TO EQUIPMENT WITH WORK OF OTHER TRADES. PROVIDE DUCT ACCESS DOORS AND CEILING ACCESS DOORS TO ALLOW ACCESS FOR FILTER CHANGEOUT, CONTROLS ACCESS AND ACCESS TO SERVICE/REMOVE COMPONENTS INCLUDING, BUT NOT LIMITED TO, FANS, PULLEYS, SHEAVES, BELTS, ETC.

MECHANICAL NOTES:

SEISMIC BRACING SPECIAL INSPECTION REQUIREMENTS

DESIGNATED SEISMIC SYSTEMS:
THE BUILDING AND NON–STRUCTURAL ITEMS ARE DESIGNED FOR SEISMIC DESIGN CATEGORY D. THE FOLLOWING SYSTEMS ARE "DESIGNATED SEISMIC SYSTEMS" THAT SHALL CONTINUE TO OPERATE DURING A SEISMIC EVENT:
- SPRINKLER SYSTEMS

SPECIAL INSPECTIONS:
A SPECIAL INSPECTION AGENCY HIRED BY THE CONTRACTOR, SHALL PROVIDE PERIODIC SPECIAL INSPECTIONS OF SEISMIC RESTRAINTS FOR THE ABOVE SYSTEMS. INSPECTIONS SHALL BE PERFORMED BASED ON IBC 2024 SECTION 1704 AND SHALL VERIFY THAT SYSTEMS ARE BRACED AND SUPPORTED PER IBC 2024, ASCE 7–22 CHAPTER 13 REQUIREMENTS, AND THE MECHANICAL SPECIFICATIONS. THE SPECIAL INSPECTOR SHALL SUBMIT A REPORT TO THE VA CONTRACTING OFFICERS REPRESENTATIVE (COR) FOR EACH SITE VISIT. A FINAL REPORT SHALL ALSO BE SUBMITTED TO THE MECHANICAL INSPECTOR AND COR.

CONTRACTOR'S STATEMENT OF RESPONSIBILITY:
SUBMIT A STATEMENT TO THE VA COR STATING THE FOLLOWING:
- THEY ARE RESPONSIBLE FOR THE DESIGNATED SEISMIC SYSTEMS AND THE SEISMIC RESTRAINT SYSTEMS.
- THEY ARE AWARE OF THE REQUIREMENT FOR SPECIAL INSPECTIONS.
- AN OUTLINE OF QUALITY CONTROL PROCEDURES TO OBTAIN CONFORMANCE WITH THE CONTRACT DOCUMENT REQUIREMENTS.
- IDENTIFICATION OF STAFF RESPONSIBLE FOR QC PROCEDURES.

DESIGN CRITERIA:
SEISMIC REQUIREMENTS FOR MECHANICAL COMPONENTS (PER 2024 IBC AND ASCE 7–22)

- GOVERNING/REFERENCE CODES:
  2022 ASCE 7–22
  2024 INTERNATIONAL BUILDING CODE
  2022 AISC 16TH EDITION
  VA H–18–8 (JULY 2023, REV NOV 2024)
  ASCE 41–23
- FACILITY CRITICALITY DESIGNATION: ESSENTIAL SITE–SPECIFIC SEISMIC RESPONSE SPECTRUM PER THE GEOTECHNICAL GROUND–MOTION STUDY

  RISK CATEGORY = III

  SITE CLASS: C

  Ss=1.02; S1 = 0.46 [ASCE 7]
  BSE–2N: Sxs = 1.16 ; Sx1 = 0.65 [ASCE 41]
  BSE–1N: Sxs = 0.78 ; Sx1 = 0.43 [ASCE 41]

  ANALYSIS PROCEDURE USED = LINEAR STATIC PROCEDURE

  ASCE STRUCTURAL PERFORMANCE OBJECTIVES: IMMEDIATE OCCUPANCY AT THE BSE–1N; LIFE SAFETY AT THE BSE–2N

  ASCE 41 NON–STRUCTURAL PERFORMANCE OBJECTIVE = OPERATIONAL @ BSE–1N; HAZARDS REDUCED @ BSE–2N

SEISMIC BRACING CRITERIA:
- PROVIDE SEISMIC BRACING ON DUCTWORK PER CRITERIA BELOW. DUCTWORK SUSPENDED FROM HANGERS 12 INCHES OR LESS FROM THE TOP OF THE DUCT TO THE SUPPORTING STRUCTURE WILL NOT BE BRACED.
  – RECTANGULAR DUCTWORK 6 SQUARE FEET AND GREATER.
  – ROUND DUCTWORK 28 INCHES DIAMETER AND GREATER.
- PROVIDE SEISMIC BRACING ON PIPING PER CRITERIA BELOW. PIPING SUSPENDED FROM HANGERS 12 INCHES OR LESS FROM THE TOP OF THE PIPE TO THE SUPPORTING STRUCTURE WILL NOT BE BRACED.
  – HVAC PIPING AND PLUMBING OUTSIDE OF MECHANICAL ROOMS 2–1/2 INCHES AND GREATER.
  – HVAC PIPING AND PLUMBING INSIDE OF MECHANICAL ROOMS 1 INCH AND GREATER.
  – COMPRESSED AIR, FUEL GAS, HIGH/LOW PRESSURE STEAM, STEAM CONDENSATE, VACUUM, ACID WASTE AND CHEMICAL FEED PIPING 1 INCH AND GREATER.
- PROVIDE SEISMIC BRACING AND/OR ANCHORAGE FOR MECHANICAL EQUIPMENT PER CRITERIA BELOW. SEE PLANS FOR SPECIFIC METHODS OF BRACING AND/OR ANCHORAGE.
  – FALL–PRONE EQUIPMENT WITH AN OPERATING WEIGHT OVER 20 LBS WHOSE CENTER OF MASS IS MORE THAN 4 FEET ABOVE THE ADJACENT FLOOR LEVEL.
  – IN–LINE EQUIPMENT WITH AN OPERATING WEIGHT OVER 75 LBS.
  – TALL AND NARROW EQUIPMENT OVER 6 FEET HIGH WITH A HEIGHT–TO–DEPTH OR HEIGHT–TO–WIDTH RATIO GREATER THAN 3:1.
  – VIBRATION ISOLATED EQUIPMENT.
  – HEAVY EQUIPMENT WITH AN OPERATING WEIGHT OVER 400 LBS.
- SPACING OF TRANSVERSE AND LONGITUDINAL BRACING PER ASCE 41–23 AND ASCE 7–22.

SEISMIC HAZARD LEVEL SCHEDULE

SYSTEM [2]	SEISMIC HAZARD LEVEL [1]	
	GROUND FLOOR	FIRST FLOOR
STEEL PIPING – THREADED OR GROOVED	C	C
STEEL PIPING – WELDED	C	C
COPPER TUBING – THREADED, SOLDERED, OR GROOVED	C	C
CAST IRON PIPING	C	B
DUCTWORK	C	C

NOTES:
[1] SEE SMACNA SEISMIC RESTRAINT MANUAL FOR BRACING REQUIREMENTS FOR SEISMIC HAZARD LEVEL INDICATED
[2] SEE SPECIFICATION SECTION 13 05 41 FOR REQUIRMENTS AND EXEMPTIONS

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CONSULTANT
Consultant: P2S ENG
Long Beach // Irvine // Los Angeles
San Diego // San Jose // Seattle
p2sinc.com

ARCHITECT/ENGINEER OF RECORD
A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
7829 NE ESPERIONE LN
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP
PETER EBELL STATE OF WASHINGTON 44175 REGISTERED PROFESSIONAL ENGINEER
04/03/2026

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

Drawing Title: GENERAL NOTES, LEGEND, ABBREVIATIONS AND SHEET INDEX
Approved:
Phase: ISSUED FOR CONSTRUCTION
FULLY SPRINKLERED
Project Title: Seismic Retrofit and Renovate Buildings 11, 13, 16
Location: VA Roseburg Healthcare System
Issue Date: 04/03/2026
Checked: PE
Drawn: CN
Project Number: 653-104
Building Number: B13
Drawing Number: M-001

VA FORM 08 - 6231
P2S No. J24-0628

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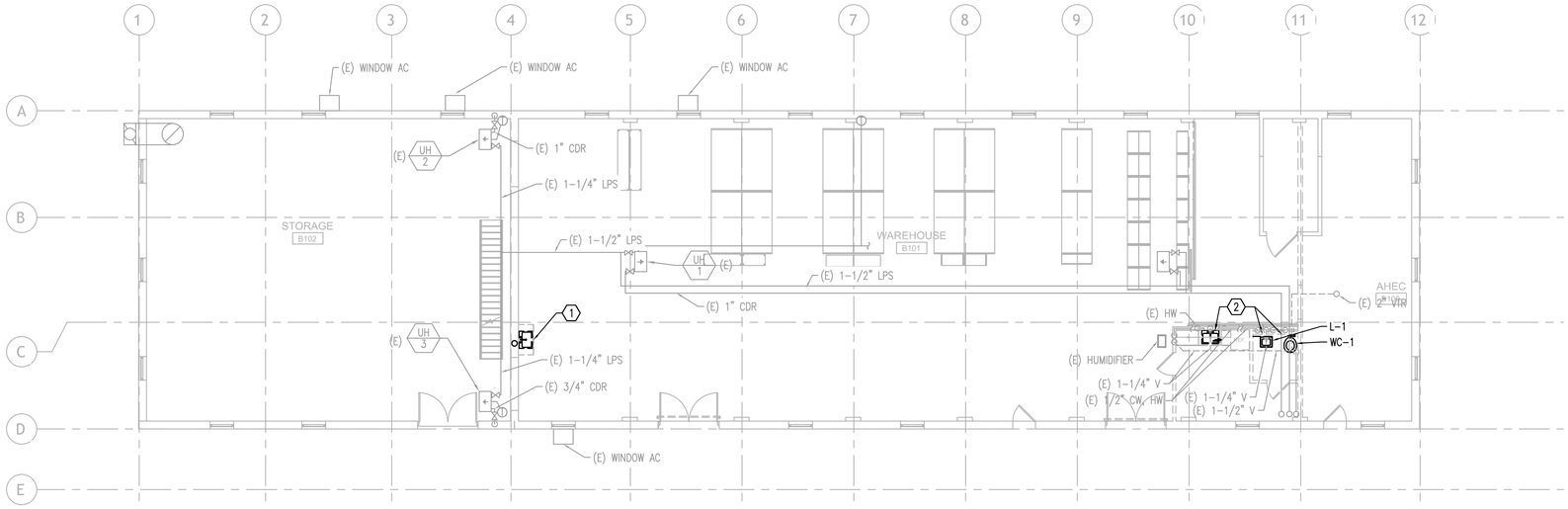
GENERAL NOTES:

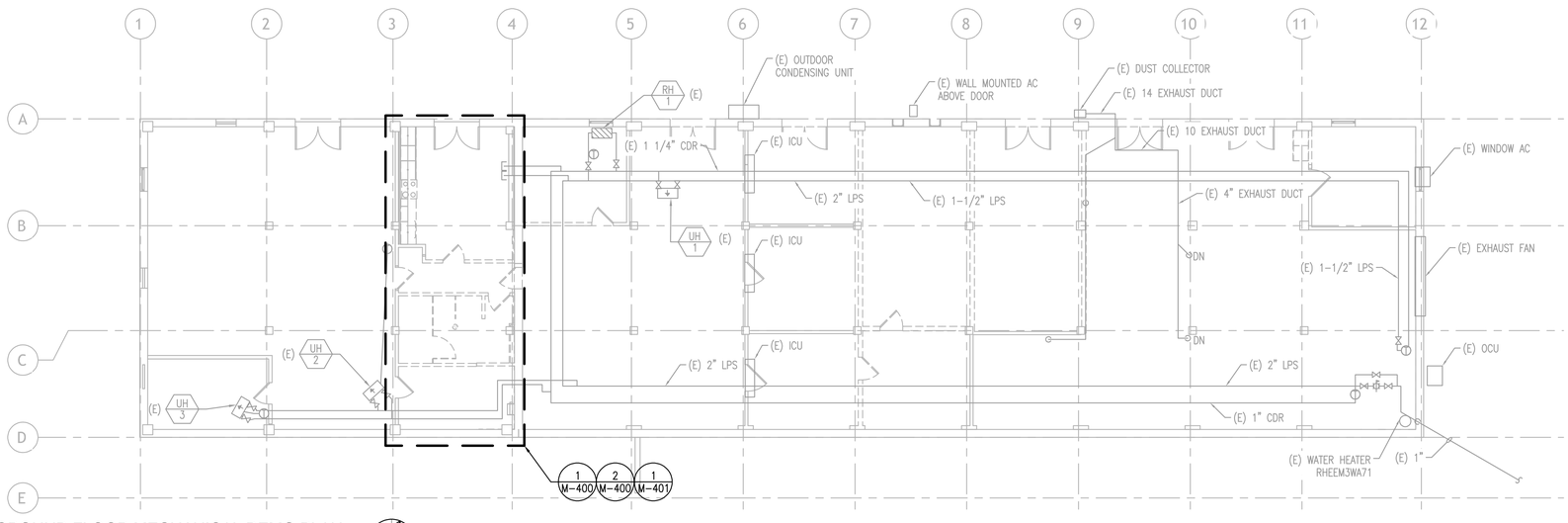
1. ITEMS SHOWN LIGHT INDICATE EXISTING TO REMAIN AND/OR EQUIPMENT TO BE PROTECTED IN PLACE.
2. EXISTING CONDITIONS WERE TAKEN FROM RECORD DRAWINGS AND SELECTIVE FIELD MEASUREMENTS. ACTUAL CONDITIONS AND DIMENSIONS OF DUCTWORK, PIPING, AND OTHER APPURTENANCES ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO STARTING ANY DEMOLITION OR NEW CONSTRUCTION WORK. ADJUSTMENTS MUST BE MADE BY THE CONTRACTOR AS REQUIRED BASED ON CONTRACTOR FIELD VERIFICATION.

KEY NOTES:

1. REMOVE AND SALVAGE THE EXISTING PLUMBING FIXTURE FOR REINSTALLATION. RETAIN ALL EXISTING COLD WATER (CW), HOT WATER (HW), VENT, AND WASTE PIPING.
2. DEMOLISH THE EXISTING PLUMBING FIXTURE IN THE RESTROOM. RETAIN ALL EXISTING COLD WATER (CW), HOT WATER (HW), VENT, AND WASTE PIPING.



2 FIRST FLOOR MECHANICAL DEMO PLAN
SCALE: 1/8"=1'-0"



1 GROUND FLOOR MECHANICAL DEMO PLAN
SCALE: 1/8"=1'-0"

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ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
7829 NE ESPERIONE LN
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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PETER EBERLE
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
MECHANICAL DEMO PLANS	ISSUED FOR CONSTRUCTION	Seismic Retrofit and Renovate Buildings 11, 13, 16	653-104
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: B13
		Issue Date: 04/03/2026 · Checked: PE · Drawn: CN	Drawing Number: MD-111

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P2S No. J24-0628
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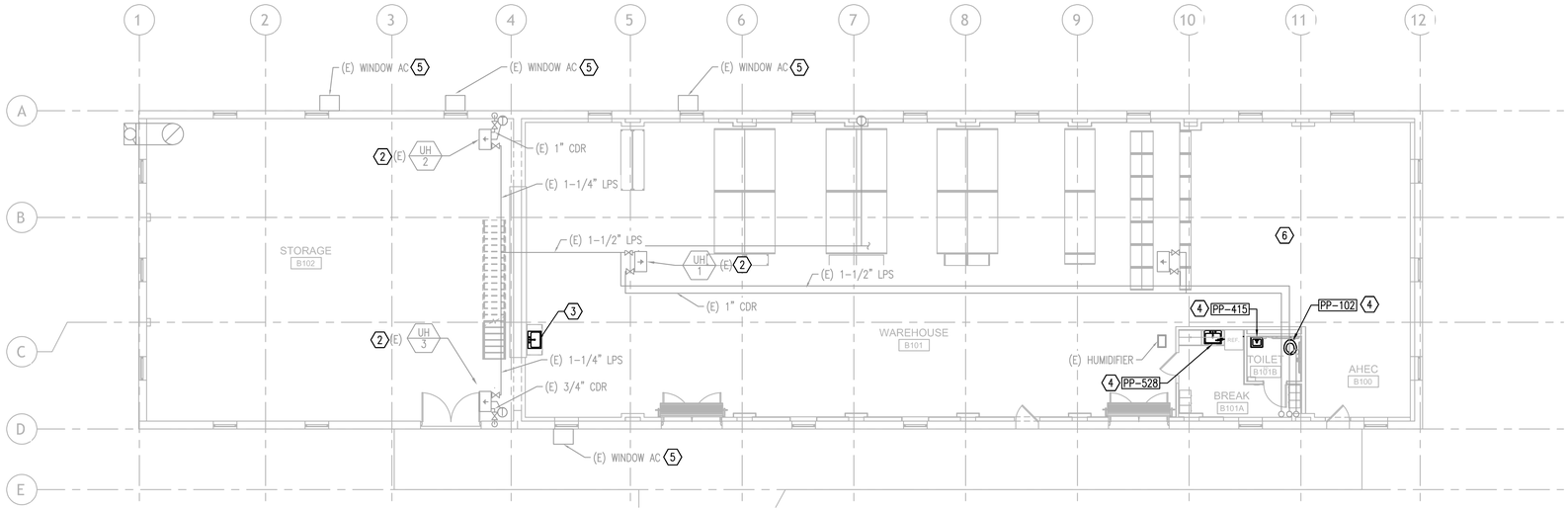
GENERAL NOTES:

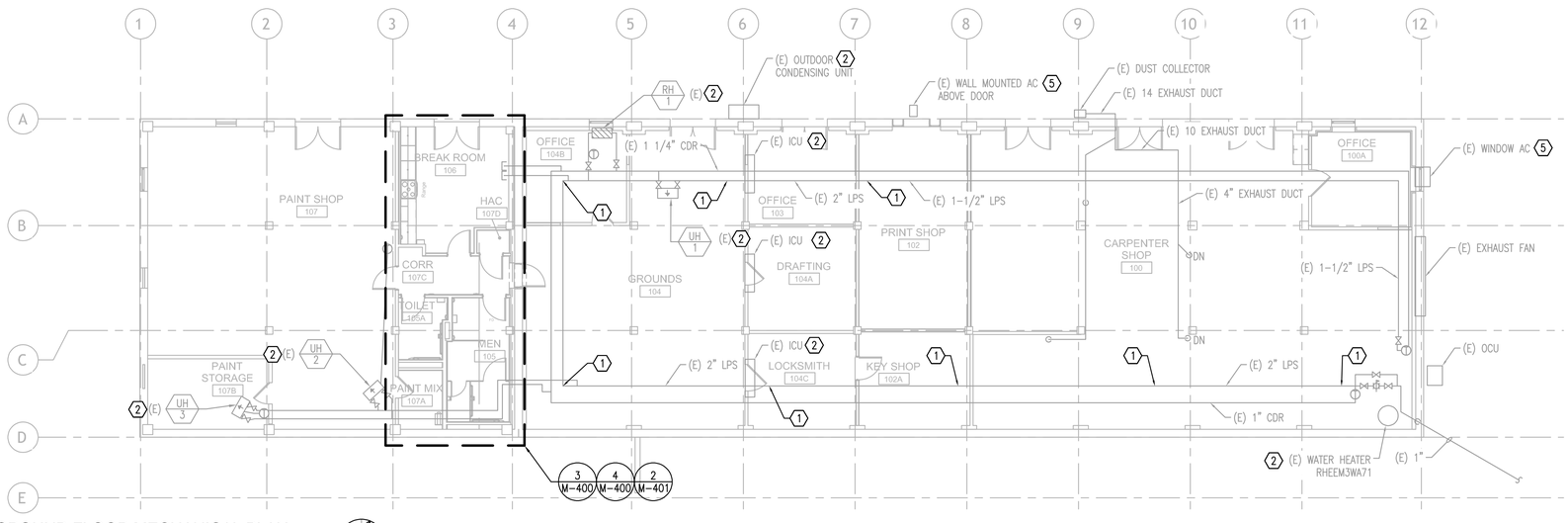
1. ITEMS SHOWN LIGHT INDICATE EXISTING TO REMAIN AND/OR EQUIPMENT TO BE PROTECTED IN PLACE.
2. EXISTING CONDITIONS WERE TAKEN FROM RECORD DRAWINGS AND SELECTIVE FIELD MEASUREMENTS. ACTUAL CONDITIONS AND DIMENSIONS OF DUCTWORK, PIPING, AND OTHER APPURTENANCES ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO STARTING ANY DEMOLITION OR NEW CONSTRUCTION WORK. ADJUSTMENTS MUST BE MADE BY THE CONTRACTOR AS REQUIRED BASED ON CONTRACTOR FIELD VERIFICATION.
3. SEISMICALLY BRACE ALL MECHANICAL EQUIPMENT, PIPING AND DUCTWORK PER REQUIREMENTS GIVEN ON SHEET M-001 AND DETAILS ON M-501.

KEY NOTES:

1. PROVIDE COMBINATION TRANSVERSE AND LONGITUDINAL BRACES AT 45 DEGREES ON INDICATED DUCTWORK OR PIPING.
2. PROVIDE SEISMIC BRACING AND/OR ANCHORAGE ON INDICATED EQUIPMENT PER DETAIL 3 ON M-501.
3. PROVIDE AND INSTALL THE SALVAGED PLUMBING FIXTURE. CONNECT FIXTURES TO EXISTING PIPING INFRASTRUCTURE.
4. PROVIDE AND INSTALL THE PLUMBING FIXTURE PER SCHEDULES. CONNECT THE FIXTURE TO EXISTING PIPING INFRASTRUCTURE.
5. WINDOW AIR CONDITIONER (A/C) UNIT SEISMIC SUPPORT DETAILS, INCLUDING ANCHORAGE AND BRACING REQUIREMENTS, SHALL BE PROVIDED AS PART OF A DEFERRED SUBMITTAL PACKAGE.
6. REFER TO M-402 FOR AHEC B100 MOD ADDITION.



2 FIRST FLOOR MECHANICAL PLAN
SCALE: 1/8"=1'-0"



1 GROUND FLOOR MECHANICAL PLAN
SCALE: 1/8"=1'-0"

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Consultant: P2S ENG
Long Beach // Irvine // Los Angeles
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ARCHITECT/ENGINEER OF RECORD
A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
7829 NE ESPERIONE LN
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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Drawing Title: MECHANICAL PLANS	Phase: ISSUED FOR CONSTRUCTION	Project Title: Seismic Retrofit and Renovate Buildings 11, 13, 16	Project Number: 653-104
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: B13
		Issue Date: 04/03/2026 · Checked: PE · Drawn: CN	Drawing Number: M-111

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P2S No. J24-0628
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GENERAL NOTES:

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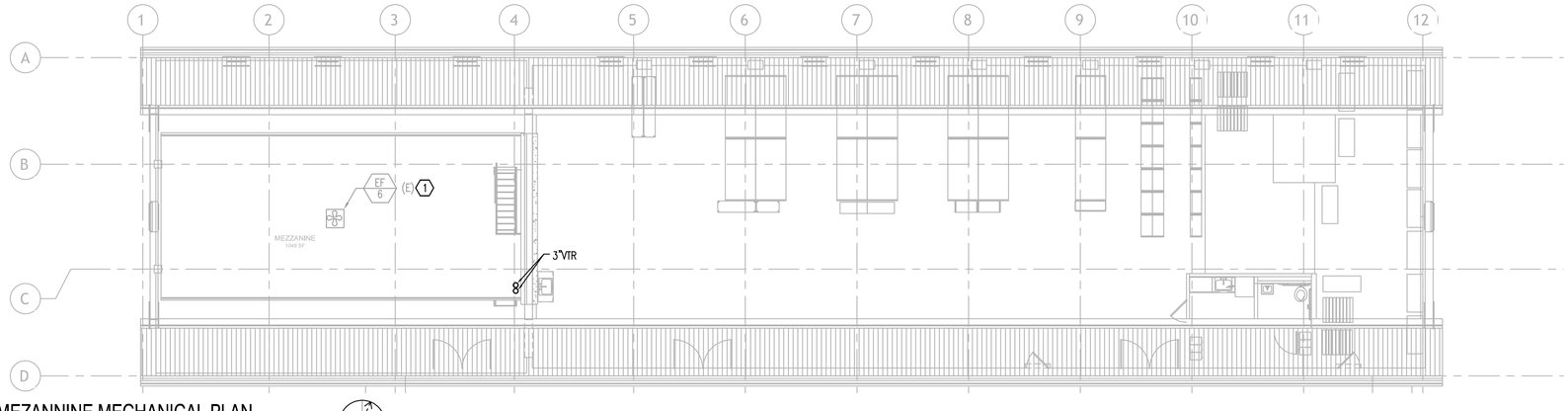
2. EXISTING CONDITIONS WERE TAKEN FROM RECORD DRAWINGS AND SELECTIVE FIELD MEASUREMENTS. ACTUAL CONDITIONS AND DIMENSIONS OF DUCTWORK, PIPING, AND OTHER APPURTENANCES ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO STARTING ANY DEMOLITION OR NEW CONSTRUCTION WORK. ADJUSTMENTS MUST BE MADE BY THE CONTRACTOR AS REQUIRED BASED ON CONTRACTOR FIELD VERIFICATION.
3. SEISMICALLY BRACE ALL MECHANICAL EQUIPMENT, PIPING AND DUCTWORK PER REQUIREMENTS GIVEN ON SHEET M-001.

KEY NOTES:

1. PROVIDE SEISMIC BRACING AND/OR ANCHORAGE ON INDICATED EQUIPMENT PER DETAIL 3 ON M-501.



1 MEZZANINE MECHANICAL PLAN
SCALE: 1/8"=1'-0"

0 2' 4' 8'

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BLUE TRIDENT, LLC
7829 NE ESPERIONE LN
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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REGISTERED PROFESSIONAL ENGINEER
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Drawing Title	Phase	Project Title	Project Number
MEZZANINE MECHANICAL PLAN	ISSUED FOR CONSTRUCTION	Seismic Retrofit and Renovate Buildings 11, 13, 16	653-104
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: B13
		Issue Date: 04/03/2026 · Checked: PE · Drawn: CN	Drawing Number: M-112

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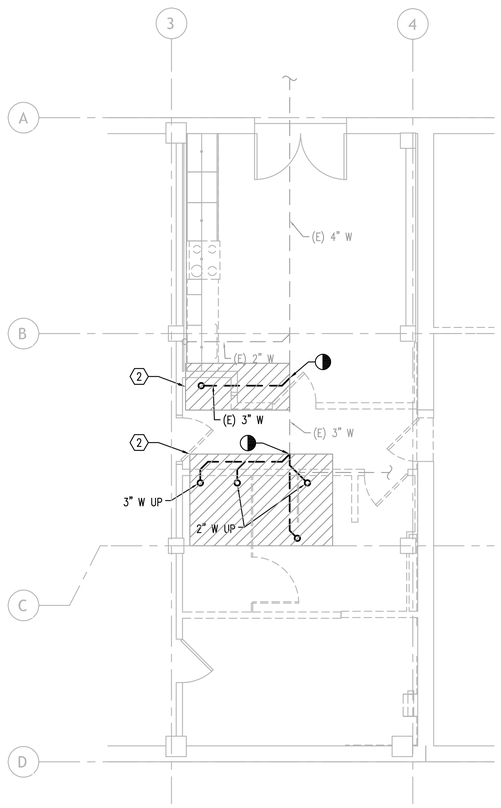
KEY NOTES:

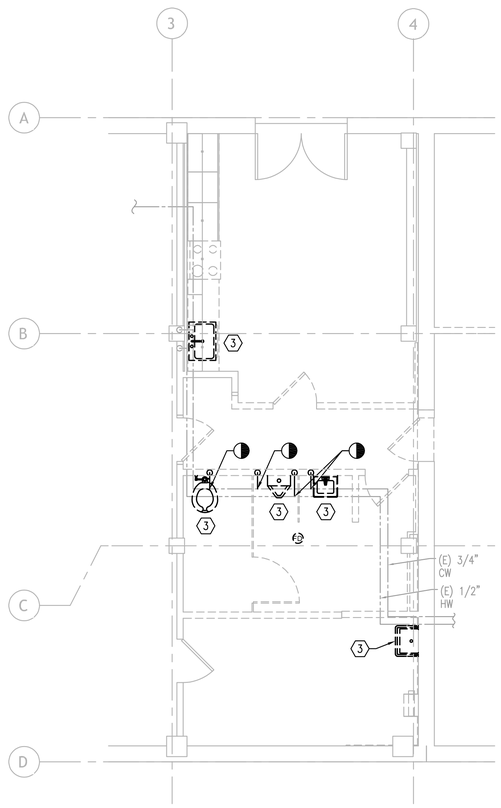
1. PROVIDE TRAP PRIMER CONNECTION TO EACH FLOOR DRAIN. ROUTE 1/2" PRIMER LINE FROM TRAP PRIMER TO FLOOR DRAIN TRAP.
2. SAWCUT AND TRENCH FLOOR AS REQUIRED TO ACCOMMODATE DEMOLITION OF EXISTING INSTALLATION OF NEW WASTE. ENSURE ALL TRENCHES ARE PROPERLY BACKFILLED AND PATCHED TO MATCH EXISTING FLOOR FINISH UPON COMPLETION OF WORK.
3. DEMOLISH ALL PIPING, INCLUDING COLD WATER (CW), HOT WATER (HW), WASTE, AND VENT LINES ASSOCIATED WITH THE FIXTURE UP TO THE NEAREST MAIN LINE. TERMINATE AND CAP ALL CONNECTIONS AT THAT POINT.
4. CONNECT THE EXISTING WASTE, COLD WATER (CW) AND HOT WATER (HW) LINES TO THE NEW PLUMBING FIXTURE.

GENERAL NOTES:

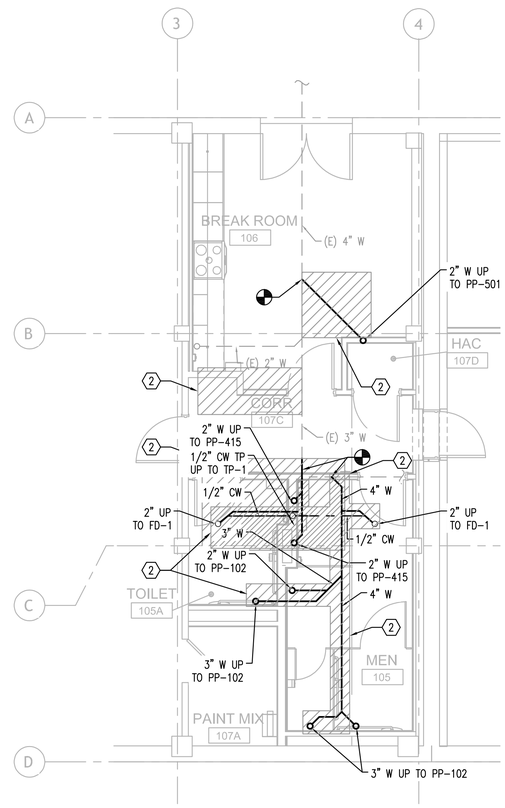
1. ITEMS SHOWN LIGHT INDICATE EXISTING TO REMAIN AND/OR EQUIPMENT TO BE PROTECTED IN PLACE.
2. EXISTING CONDITIONS WERE TAKEN FROM RECORD DRAWINGS AND SELECTIVE FIELD MEASUREMENTS. ACTUAL CONDITIONS AND DIMENSIONS OF DUCTWORK, PIPING, AND OTHER APPURTENANCES ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO STARTING ANY DEMOLITION OR NEW CONSTRUCTION WORK. ADJUSTMENTS MUST BE MADE BY THE CONTRACTOR AS REQUIRED BASED ON CONTRACTOR FIELD VERIFICATION.
3. SEISMICALLY BRACE ALL MECHANICAL EQUIPMENT, PIPING AND DUCTWORK PER REQUIREMENTS GIVEN ON SHEET M-001 AND PER DETAILS 2/M-501 AND 3/M-501.



1 UNDERFLOOR ENLARGED PLUMBING DEMO PLAN
SCALE: 1/4"=1'-0"



2 GROUND FLOOR ENLARGED PLUMBING DEMO PLAN
SCALE: 1/4"=1'-0"



3 UNDERFLOOR ENLARGED PLUMBING PLAN
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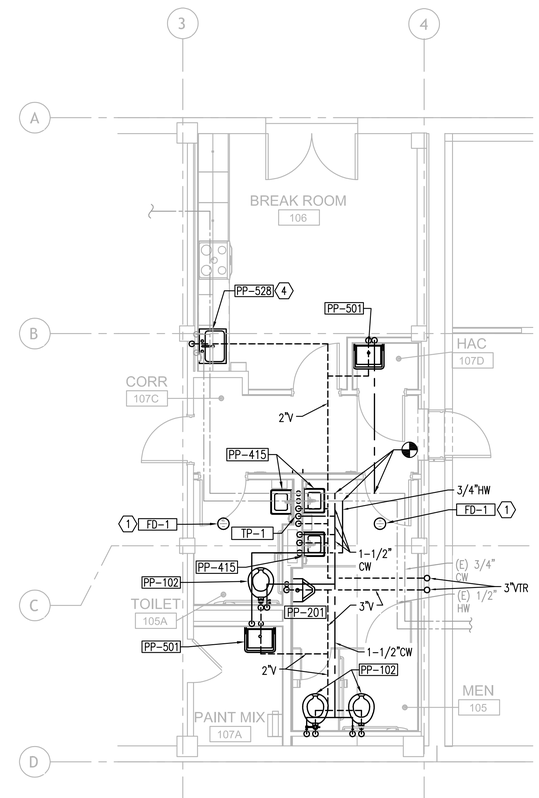

4 GROUND FLOOR ENLARGED PLUMBING PLAN
SCALE: 1/4"=1'-0"

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A/E: Blue Trident, LLC
Engineering and Construction Services
BLUE TRIDENT, LLC
7829 NE ESPERIONE LN
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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PETER EBERLE — STATE OF WASHINGTON — 54822 — REGISTERED PROFESSIONAL ENGINEER
04/03/2026

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Drawing Title: ENLARGED PLUMBING PLANS	Phase: ISSUED FOR CONSTRUCTION	Project Title: Seismic Retrofit and Renovate Buildings 11, 13, 16	Project Number: 653-104
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: B13
		Issue Date: 04/03/2026 · Checked: PE · Drawn: CN	Drawing Number: M-400

VA FORM 08 - 6231
P2S No. J24-0628

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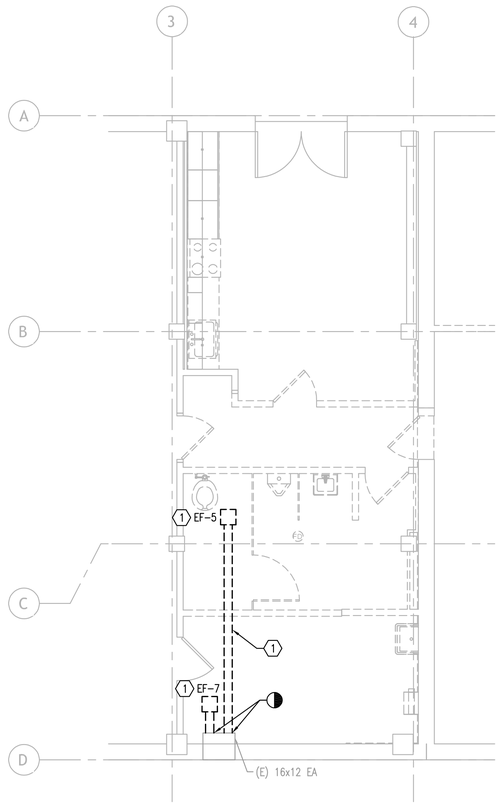
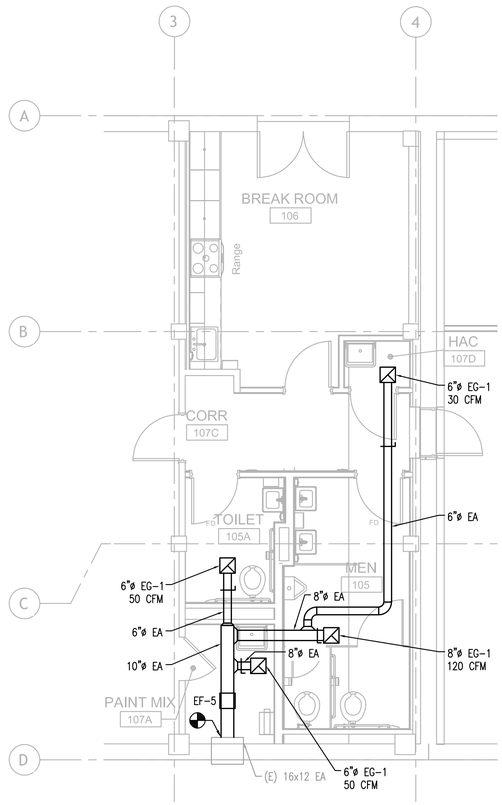
KEY NOTES:

1. DEMOLISH EXHAUST FANS EF-5 AND EF-7, INCLUDING ALL ASSOCIATED DUCTWORK, SUPPORTS, CONNECTIONS.



1 GROUND FLOOR ENLARGED MECHANICAL DEMO PLAN
SCALE: 1/4"=1'-0"



2 GROUND FLOOR ENLARGED MECHANICAL PLAN
SCALE: 1/4"=1'-0"

Revisions:	Date:

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A/E: Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
7829 NE ESPERIONE LN
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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PETER EBBELE
STATE OF WASHINGTON
47478
REGISTERED
PROFESSIONAL ENGINEER
04/03/2026

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Drawing Title	Phase	Project Title	Project Number
ENLARGED MECHANICAL PLANS	ISSUED FOR CONSTRUCTION	Seismic Retrofit and Renovate Buildings 11, 13, 16	653-104
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: B13
		Issue Date: 04/03/2026 · Checked: PE · Drawn: CN	Drawing Number: M-401

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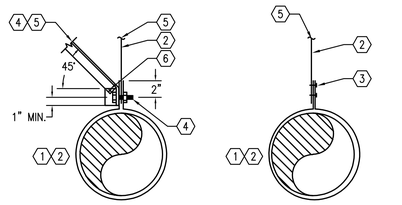


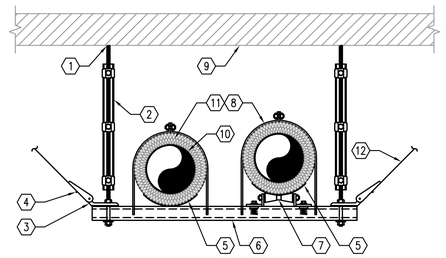
FOR ROUND DUCTS UP TO 24"Ø MAX

KEYNOTES

1. REFER TO DRAWINGS FOR ROUND DUCT SIZES. FOR ADDITIONAL DUCT SUPPORT AND OTHER DUCT CONSTRUCTION REQUIREMENTS REFER TO SMACNA DUCT CONSTRUCTION STANDARDS.
2. GALVANIZED STEEL DUCT HANGER STRAPS, SIZE PER 2020 SMACNA DUCT CONSTRUCTION STANDARDS TABLE 5-2. ROUND DUCT SUPPORTS SHALL BE PROVIDED AT MAXIMUM 12'-0" ON CENTER FOR STRAIGHT LENGTH OF DUCT AND MINIMUM 2'-0" ON CENTER AT ALL ELBOWS AND DUCT TRANSITIONS.
3. SECURE GALVANIZED STEEL HANGER STRAP TO DUCT STRAP WITH TWO (2) #10 x 5/8" TEK SCREW.
4. WHERE REQUIRED TO PREVENT IMPACT BETWEEN DUCT BEING SUPPORTED WITH LARGER DUCTS OR OTHER UTILITIES, PROVIDE L2"x2"x1/4 DIAGONAL ANGLE BRACE AT ALTERNATE SIDES OF HANGERS. SECURE ANGLE BRACE TO HANGER STRAP WITH A307 MACHINE BOLT AND NUT.
5. PROVIDE ANCHORING TO STRUCTURE. ANCHORAGE DETAILS TO BE PROVIDED PER 13 05 41 IN DEFERRED SUBMITTAL FOR STRUCTURAL ANCHORAGING AND BRACING.
6. #8 SMS (TYP.).

1 ROUND DUCT SUPPORT

SCALE: NONE



KEYNOTES

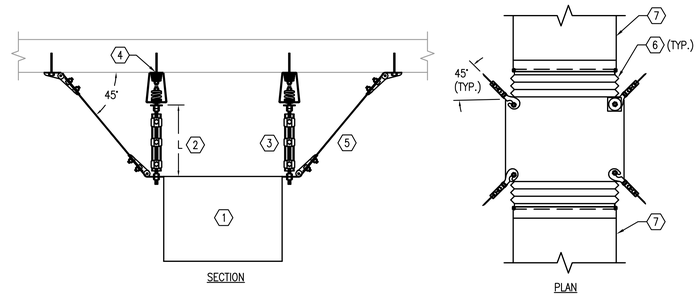
1. FOR ATTACHMENT TO STRUCTURE ABOVE.
2. WHERE ROD LENGTH EXCEEDS 50 TIMES THE ROD DIAMETER PROVIDE STIFFENERS
3. BRACE ANGLE
4. HINGE CLIP
5. PIPE SADDLE
6. MANUFACTURED STEEL CHANNEL
7. PIPE ROLLER. FOR PIPES THAT ARE SUBJECT TO MOVEMENT
8. PIPE CLAMP
9. FLOOR OR ROOF STRUCTURE
10. PIPE
11. PIPE INSULATION INSERT
12. CABLE BRACE

GENERAL NOTES

1. ALL TRAPEZE ACCESSORIES SHALL BE PART OF A METAL FRAMING SYSTEM PROVIDED BY A COMMON MANUFACTURER

2 SUSPENDED PIPE SUPPORT

SCALE: NONE



SECTION

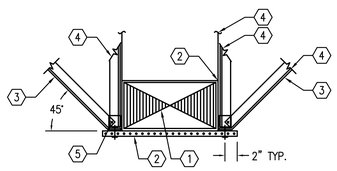
PLAN

KEYNOTES

1. PROVIDE EQUIPMENT AND SECURE TO STRUCTURE ABOVE WITH 2" DEFLECTION SPRING HANGER. SUPPORT SYSTEM SHALL BE MANUFACTURED BY MASON INDUSTRIES. UP STOP SNUBBER PLATE, ROD STIFFENER ANGLE OR STRUT, ROD TO ANGLE OR STRUT CLAMP (MINIMUM 2 PER ROD).
2. IF 'L' EXCEEDS 20 TIMES THE DIAMETER OF THE ROD, PROVIDE VERTICAL STIFFENER.
3. MINIMUM 1/2" DIA. THREADED ROD (TOTAL OF 4). PROVIDE BOLT ISOLATION WASHER BUSHING SO THAT BOLT AND STRUCTURE ARE NOT IN DIRECT CONTACT. WASHER BUSHING SHALL BE MASON INDUSTRIES OR ENGINEER APPROVED EQUAL.
4. PROVIDE ANCHORING TO STRUCTURE. ANCHORAGE DETAILS TO BE PROVIDED PER 13 05 41 IN DEFERRED SUBMITTAL FOR STRUCTURAL ANCHORAGING AND BRACING.
5. PROVIDE SEISMIC BRACKET WITH PRESTRETCHED STEEL AIRCRAFT CABLE. REFER TO SEISMIC RESTRAINT MANUFACTURER FOR ATTACHMENT REQUIREMENTS.
6. FLEXIBLE CONNECTION DUCTWORK WHERE APPLICABLE.
7. SEE FLOOR PLANS FOR SIZE WHERE APPLICABLE.

3 SUSPENDED EQUIPMENT SUPPORT

SCALE: NONE



KEYNOTES

1. REFER TO DRAWINGS FOR RECTANGULAR OR SQUARE DUCT SIZES. FOR ADDITIONAL DUCT SUPPORT, BRACING TO STRUCTURE, AND OTHER DUCT CONSTRUCTION REQUIREMENTS REFER TO SMACNA DUCT CONSTRUCTION STANDARDS.
2. PROVIDE UNISTRUT P9000 BELOW DUCTWORK FOR SUPPORT. SECURE DUCTWORK TO UNISTRUT WITH MINIMUM 1-1/2" WIDE, 18 GAUGE, GALVANIZED STEEL DUCT HANGER STRAPS. DUCT SUPPORTS SHALL BE PROVIDED AT MAXIMUM 10'-0" ON CENTER FOR STRAIGHT LENGTH OF DUCT AND MAXIMUM 2'-0" ON CENTER AT ALL ELBOWS AND DUCT TRANSITIONS.
3. PROVIDE 2"X2"X16 GAUGE GALVANIZED STEEL DIAGONAL ANGLE BRACE AND CONNECT TO UNISTRUT AT ALTERNATE SIDES OF EVERY HANGER FOR ADDITIONAL SUPPORT. SECURE DIAGONAL ANGLE AND DUCT HANGER STRAP TO UNISTRUT WITH 5/8" DIA. THREADED ROD AND NUT. BRACING ONLY OCCURS WHERE REQUIRED BY SEISMIC BRACING DELEGATED DESIGN SUBMITTAL.
4. PROVIDE ANCHORING TO STRUCTURE. ANCHORAGE DETAILS TO BE PROVIDED PER 13 05 41 IN DEFERRED SUBMITTAL FOR STRUCTURAL ANCHORAGING AND BRACING.
5. #8 SMS (TYP.).

4 RECTANGULAR DUCT SUPPORT

SCALE: NONE

Revisions:	Date:

CONSULTANT

Consultant: P2S ENG

Long Beach // Irvine // Los Angeles
San Diego // San Jose // Seattle

p2sinc.com

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC
Engineering and Construction Services

BLUE TRIDENT, LLC
7829 NE ESPERIONE LN
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP

PETER ELBERT EBERLE
STATE OF WASHINGTON
48716
REGISTERED PROFESSIONAL ENGINEER
04/03/2026

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL DETAILS	Phase: ISSUED FOR CONSTRUCTION	Project Title: Seismic Retrofit and Renovate Buildings 11, 13, 16	Project Number: 653-104
Approved:	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: B13
		Issue Date: 04/03/2026 · Checked: PE · Drawn: CN	Drawing Number: M-501

VA FORM 08 - 6231

P2S No. J24-0628

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PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	WASTE PIPE	VENT PIPE	COLD WATER	HOT WATER	WASTE FIXTURE UNITS	WATER FIXTURE UNITS	WRIST BLADE HANDLES	ELECTRIC SENSOR	REMARKS
		IN	IN	IN	IN					
PP-102	WATER CLOSET FLOOR MTD	3	2	1.25	-	6	10	N/A	NO	REAR OUTLET
PP-201	URINAL WALL HUNG	2	1.5	0.75	-	2	5	N/A	NO	WHEELCHAIR
PP-415	LAVATORY	2	1.5	.5	.5	2	2	N/A	NO	
PP-501	SINK SERVICE	3	2	.75	.75	3	4	N/A	NO	
PP-528	KITCHEN/BREAK ROOM SINK	3	2	0.75	0.75	3	4	N/A	NO	WRIST BLADES WITH HOSE SPRAY
TP-1	TRAP PRIMER	-	-	0.5	-	-	-	N/A	NO	
FD-1	FLOOR DRAIN	2	1.5	-	-	2	-	N/A	NO	

EXHAUST FAN SCHEDULE

MARK	UNIT SERVES	LOCATION	TYPE	DRIVE TYPE	CFM	TSP (IN WG)	FAN RPM	BHP	MOTOR				NOTES	EQUIP WEIGHT (LBS)
									HP	VOLT	PH	MCA		
EF-1	FIRST FLOOR RESTROOMS	ROOF	CENTRIFUGAL ROOF UPBLAST	DIRECT	300	0.45	1329	0.05	1/6	208	1	1.9	[1] [2] [3]	50

NOTES:
[1] PROVIDE WITH VARIABLE AIR VOLUME FAN WITH ECM MOTOR.
[2] PROVIDE UNIT WITH A TIMER CONTROLLER. CONFIGURE AN ADJUSTABLE SCHEDULE TO OPERATE DURING SPECIFIED OPERATING HOURS.
[3] FAN SHALL HAVE A FAN EFFICIENCY GRADE (FEG) OF 67 OR HIGHER BASED ON MANUFACTURER CERTIFIED DATA.

DIFFUSER-GRILLE SCHEDULE

MARK	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN SERIES	DESCRIPTION	SERVICE	LOCATION	MAXIMUM SOUND PRESSURE (dBA)	REMARKS
CD-3	TITUS	MCD	4-WAY ADJUSTABLE, MODULAR CORE DIFFUSER	SUPPLY DIFFUSER	CEILING	30	[1] [2] [3] [4]
CD-4	TITUS	MCD	4-WAY ADJUSTABLE, MODULAR CORE DIFFUSER	SUPPLY DIFFUSER	CEILING	30	[1] [2] [3] [4]
RG-1	TITUS	50F	EGGCRATE RETURN GRILLE	RETURN GRILLE	CEILING	30	[1] [3] [5] [8]
RG-2	TITUS	50F	EGGCRATE RETURN GRILLE	RETURN GRILLE	CEILING	30	[1] [3] [5] [8]
EG-2	TITUS	350FL	SINGLE DEFLECTION GRILLE	EXHAUST GRILLE	CEILING	30	[1] [6] [8]

NOTES:
[1] SEE MECHANICAL FLOOR PLANS FOR DUCT SIZE AND CFM.
[2] STEEL, WHITE, SQUARE NECK, SEE MECHANICAL FLOOR PLANS FOR NECK SIZE.
[3] BORDER TO MATCH CEILING TYPE.
[4] STEEL, WHITE, 3/4" BLADE SPACING.
[5] STEEL, WHITE, CORE ONLY IN ACT, 1/2"X1/2"X1/2" GRID.
[6] ALUMINUM, WHITE, FOR GWB CEILING, 3/4" BLADE SPACING, 35 DEG. FIXED DELFECTION.
[7] ROUND NECK.
[8] SQUARE NECK.

ENERGY RECOVERY VENTILATOR SCHEDULE

MARK	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN SERIES	LOCATION	SERVICE	MODE	EFFICIENCY			SUPPLY AIR										EXHAUST AIR									ELECTRICAL			WEIGHT LBS	REMARKS
						SENSIBLE	LATENT	TOTAL	AIRFLOW (CFM)	ESP (IN WG)	MOTOR (HP)	EAT DB (DEG F)	EAT WB (DEG F)	LAT DB (DEG F)	LAT WB (DEG F)	LwA	dBA	AIRFLOW (CFM)	ESP (IN WG)	MOTOR (HP)	EAT DB (DEG F)	EAT WB (DEG F)	LAT DB (DEG F)	LAT WB (DEG F)	LwA	dBA	MCA	MOCP	SINGLE POINT V/PH/HZ		
ERV-01	GREENHECK	MINIVENT ERV-10-20L-VG	LEVEL - 1	OA	SUMMER	84.4	79.9	83.4	385	0.5	0.5	94.4	67.1	77.9	63.1	76.6	65.1	385	0.5	0.5	75	50	91.4	66.7	69.8	58.3	8.9	15	208/1/60	232	[1] [2] [3] [4]
					WINTER	84.6	79.6	83.2				21.4	17.8	62	49.2						70	35	28.8	25.3							

NOTES:
[1] PROVIDE MERV 7 PRE-FILTER (PF-1) AND MERV 11 PRE-FILTER (PF-2) PRIOR TO SUPPLY AND MERV 7 (PF-1) PRIOR TO EXHAUST FANS.
[2] PROVIDE MERV 14 FINAL FILTER (FF) DOWNSTREAM OF SUPPLY FANS.
[3] UNIT TO HAVE CONTROL BOARD FOR INTEGRATION INTO MANUFACTURER OF VRF EQUIPMENT FOR ENABLE/DISABLE TIME SCHEDULING FROM THE VRF CONTROL FRONT END.
[4] PROVIDE ALL DAMPERS AS REQUIRED BY THE ENERGY CODE. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL COMPONENTS REQUIRED FOR CONTROL AS PER THE SEQUENCE OF OPERATIONS.

Revisions: Date:

CONSULTANT
Consultant: P2S ENG
Long Beach // Irvine // Los Angeles
San Diego // San Jose // Seattle
p2sinc.com

ARCHITECT/ENGINEER OF RECORD
A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
7829 NE ESPERIONE LN
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP
PETER EBERLE STATE OF WASHINGTON 48478 REGISTERED PROFESSIONAL ENGINEER
04/03/2026

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

Drawing Title: MECHANICAL SCHEDULES
Approved:
Phase: ISSUED FOR CONSTRUCTION
FULLY SPRINKLERED
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Location: VA Roseburg Healthcare System
Issue Date: 04/03/2026
Checked: PE
Drawn: CN
Project Number: 653-104
Building Number: B13
Drawing Number: M-601

VA FORM 08 - 6231
P2S No. J24-0628

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ELECTRICAL SYMBOLS

- XXXXXX — AMPERES SHORT CIRCUIT AVAILABLE (SYMMETRICAL)
- X — KEY NOTES
- 100N — FEEDER SCHEDULE
- 26-SF 3 — BUILDING NO. WHERE EQUIPMENT IS LOCATED.; EQUIPMENT ABBREVIATION (SUPPLY FAN); SUPPLY FAN NO. 3 IN BUILDING NO. 26; TYPICAL UNIT NO.
- HEAVY LINEWEIGHT INDICATES NEW WORK
- LIGHT LINEWEIGHT INDICATES EXISTING
- DASH LINE INDICATES DEMOLITION
- DASH LIGHT FIXTURE/EQUIPMENT/DEVICE TO BE DEMOLISHED
- TRANSFORMER
- WYE CONNECTION
- EARTH GROUND
- PULL BOX
- FUSE WITH RATING
- MOLDED CASE CIRCUIT BREAKER
- DISCONNECT SWITCH, FUSED
- DISCONNECT SWITCH, UNFUSED
- STARTER, COMBINATION WITH DISCONNECT SWITCH
- STARTER OR MOTOR CONTROLLER
- G — GENERATOR, POWER
- M — METER
- A — AMMETER
- V — VOLTMETER
- W — WATTMETER
- WH — WATT-HOUR METER
- MOTOR CONNECTION
- EQUIPMENT CONNECTION
- JUNCTION BOX
- AD — MOTORIZED DOOR
- BRANCH CIRCUIT HOMERUN. LINES INDICATE NUMBER OF CIRCUITS, NEUTRAL, AND SWITCH LEG CONDUCTORS. ONE SEPARATE GREEN GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH HOMERUN; NOT SHOWN. MINIMUM 3/4" CONDUIT CONCEALED IN CEILING SPACE OR IN WALL WITH #12 AWG CONDUCTORS WITH DEDICATED NEUTRAL EACH CIRCUIT, UNLESS OTHERWISE NOTED ON PLAN. PROVIDE EQUIPMENT GROUNDING CONDUCTORS SIZED PER NFPA 70.
- FACP — FIRE ALARM SYSTEM CONTROL PANEL
  - FACP - FIRE ALARM CONTROL PANEL
  - FAA OR FARA - FIRE ALARM ANNUNCIATOR
  - NAC - POWER SUPPLY
- F — FIRE ALARM PULL STATION
- F — FIRE ALARM HORN ONLY
- XX — FIRE ALARM HORN STROBE
- S — FIRE ALARM SPEAKER ONLY
- XX — FIRE ALARM SPEAKER STROBE
- XX — FIRE ALARM STROBE ONLY - WALL
- XX — FIRE ALARM STROBE ONLY - CEILING
- S — SMOKE DETECTOR
- H — HEAT DETECTOR
- S — FIRE ALARM DUCT SMOKE DETECTOR WITH SAMPLING TUBE
- DH — DOOR HOLDER
- F/S — FIRE SMOKE DAMPER
- a, XX — SHADING INDICATES LUMINAIRE CONNECTED TO EMERGENCY SUPPLY SYSTEM - REFER TO LIGHTING LUMINAIRE SCHEDULE; LIGHT FIXTURE IDENTIFIER; SWITCH LEG IDENTIFIER
- a, XX — 1x4, 2x2, 2x4 LUMINAIRE - REFER TO LIGHTING LUMINAIRE SCHEDULE; LIGHT FIXTURE IDENTIFIER - REFER TO LIGHTING FIXTURE SCHEDULE; SWITCH LEG IDENTIFIER
- WALL MOUNTED LUMINAIRE
- DOWNLIGHT
- WALL MOUNTED LUMINAIRE
- STRIP LUMINAIRE - LED
- PHOTOLUMINESCENT EXIT SIGN - SINGLE FACE ARROW INDICATES DIRECTION OF EGRESS, UNIVERSAL MOUNT
- PHOTOLUMINESCENT EXIT SIGN - DOUBLE FACE ARROW INDICATES DIRECTION OF EGRESS, UNIVERSAL MOUNT
- PUSH BUTTON
- DIST # — DISTRIBUTION PANEL
- PANELBOARD CABINET, FLUSH MOUNTED
- PANELBOARD CABINET, SURFACE MOUNTED
- DUPLEX RECEPTACLE - NEMA 5-20R, +18" AFF UON
- QUADRAPLEX RECEPTACLE - NEMA 5-20R, +18" AFF UON
- RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, +18" AFF UON
- RECEPTACLES - NEMA 5-20R, ON EMERGENCY POWER, +18" AFF UON
- NEMA 5-20R WITH USB CHARGER - (2) TYPE A USB PORTS
- GROUND FAULT CIRCUIT INTERRUPTER (GFCI), ABOVE COUNTER
- ABOVE COUNTER
- RECEPTACLE, SPECIAL PURPOSE
  - A = 120V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 5-20R.
  - B = 208V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 6-20R.
  - C = 120V, 30A, 1 PHASE, 2-POLE, 3W, NEMA 5-30R.
  - D = 208V, 30A, 1 PHASE, 2-POLE, 3W, NEMA 6-30R.
  - E = 208V, 60A, 1 PHASE, 3-POLE, 4W, NEMA 14-60R.
  - F = 208V, 30A, 3 PHASE, 3-POLE 4W, NEMA 15-30R.
  - G = 208V, 50A, 3 PHASE, 3 POLE, 4W, NEMA 15-30R.
  - H = 208V, 60A, 3 PHASE, 3 POLE, 4W, NEMA 15-60R.
- $# — 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; OS= OCCUPANCY SENSOR
  - a = LOWER CASE LETTERS INDICATE SWITCH LEG CONTROL
- OS — CEILING MOUNTED OCCUPANCY SENSOR WITH POWER PACK - DUAL TECHNOLOGY (POWER PACK NOT SHOWN)

GENERAL NOTES

A. ALL FINAL LOCATIONS AND ARRANGEMENITS OF LIGHTING FIXTURES SHALL BE OBTAINED FROM THE ARCHITECTURAL REFLECTED CEILING PLAN.

B. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS A SEPARATE GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR SIZED PER NFPA 70. BRANCH CONDUCTORS SHALL BE CONCEALED IN CEILING SPACE OR IN WALL WITH MINIMUM 3/4" CONDUIT #12 AWG CONDUCTORS WITH DEDICATED NEUTRAL EACH CIRCUIT, UNLESS OTHERWISE NOTED ON PLAN.

C. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

D. COORDINATE WITH OTHER TRADES:

1. REFER TO ELECTRICAL DRAWINGS AND CONFIRM ELECTRICAL CHARACTERISTICS SHOWN FOR MECHANICAL EQUIPMENT (VOLTAGE, PHASE, HZ, ETC.) MATCHES THAT OF THE MECHANICAL EQUIPMENT PROVIDED.
2. PROVIDE ADEQUATE CLEARANCE OF MECHANICAL WORK FROM ELECTRICAL EQUIPMENT. MAINTAIN MINIMUM ACCESS OF 6-INCHES ABOVE CABLE TRAYS AND 18-INCHES TO THE SIDE OF CABLE TRAYS. CLEARANCE ABOVE CABLE TRAY SHOULD BE 1/2 THE WIDTH AND NOT LESS THAN 6-INCHES WHEN RUNNING PARALLEL WITH CABLE TRAY. AND NOT LESS THAN 6-INCHES WHEN RUNNING PERPENDICULAR TO THE CABLE TRAY.

E. ARRANGE EQUIPMENT SO THAT ACCESS CLEARANCES INDICATED BY DRAWINGS, REQUIRED BY CODES, OR RECOMMENDED BY MANUFACTURER ARE PROVIDED.

F. INSTALL MATERIALS AND SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND ACCEPTED SUBMITTALS. INSTALL MATERIAL IN PROPER RELATION TO ADJACENT CONSTRUCTION AND WITH UNIFORM

G. THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT, DUCTWORK, AND PIPING WILL BE INSTALLED AND REPORT ANY CONDITION THAT PREVENTS THE PROPER INSTALLATION OF THE ELECTRICAL WORK.

H. MODIFY AND EXTEND EXISTING SERVICE TO ACCOMMODATE NEW WORK. RELOCATE EXISTING COMPONENTS AS REQUIRED FOR NEW SYSTEM. COORDINATE WITH BUILDING MANAGEMENT.

I. DO NOT CUT STRUCTURAL ELEMENTS WITHOUT PRIOR WRITTEN APPROVAL.

J. DO NOT INSTALL J-BOXES/PULLBOXES IN INACCESSIBLE CEILING.

ELECTRICAL ABBREVIATIONS

1PH SINGLE-PHASE
1P SINGLE POLE
3PH THREE-PHASE
4W FOUR-WIRE

A/C UNIT AIR CONDITIONING UNIT
A/E ARCHITECT/ENGINEER
AAP ALARM ANNUNCIATOR PANEL
AC ALTERNATING CURRENT OR ARMORED CABLE
ADJ ADJACENT, ADJOINING
AF AMPERE FRAME OR AMP FUSE
AFC ABOVE FINISHED COUNTER, AUTOMATIC FREQUENCY CONTROL, OR AVAILABLE FAULT CURRENT
AFF ABOVE FINISHED FLOOR
AH AMPERE HOUR
AHJ AUTHORITY HAVING JURISDICTION
AIC AMPERE INTERRUPTING CAPACITY
ALT ALTERNATE
AMP AMPERE
ARCH ARCHITECT
ASC AMPS SHORT CIRCUIT
AT AMPERE TRIP
ATS AUTOMATIC TRANSFER SWITCH
AUTO AUTOMATIC
AV AUDIO VISUAL

BD BOARD
BLDG BUILDING
BRKR BREAKER
BYP BY PASS

C CONDUIT
CAB CABINET
CALC CALCULATE
CAP CAPACITY
CAT CATALOG
CCR CONTROL CONTACTOR
CD CONSTRUCTION DOCUMENTS
CF CONTRACTOR FURNISHED
CF/CI CONTRACTOR FURNISHED/CONTRACTOR INSTALLED
CKT CIRCUIT
CKT BRKR CIRCUIT BREAKER
CLF CURRENT LIMITING FUSE
CLG CEILING
CMU CONCRETE MASONRY UNIT
COMM COMMUNICATION
CONC CONCRETE
CONT CONTINUE
CONTR CONTRACTOR
COORD COORDINATE
CPT CONTROL POWER TRANSFORMER
CRI COLOR RENDERING INDEX
CT CURRENT TRANSFORMER
CU COPPER
CU FT CUBIC FEET
CUR CURRENT

DB DECIBEL OR DIRECT BURIAL
DC DIRECT CURRENT
DEG C DEGREES CELSIUS
DEG F DEGREES FAHRENHEIT
DEMO DEMOLITION
DIAG DIAGRAM
DISC DISCONNECT
DISTR DISTRIBUTION
DISTR PNL DISTRIBUTION PANEL
DN DOWN
DPDT DOUBLE POLE, DOUBLE THROW
DPST DOUBLE POLE, SINGLE THROW
DRSW DOOR SWITCH
DS DISCONNECT SWITCH
DWG DRAWING

EC EMPTY CONDUIT
EG EQUIPMENT GROUND
EL ELEVATION
ELEC ELECTRIC OR ELECTRICAL
ELEV ELEVATOR
EMER EMERGENCY
EMT ELECTRICAL METALLIC TUBING
ENCL ENCLOSURE
EPO EMERGENCY POWER OFF
EPRF EXPLOSION PROOF
EUSERC ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE
EXST/EXIST EXISTING

FA FIRE ALARM
FAAP FIRE ALARM ANNUNCIATOR PANEL
FABX FIRE ALARM BOX
FACP FIRE ALARM CONTROL PANEL
FI FILM ILLUMINATOR
FIXT FIXTURE
FLA FULL LOAD AMPS
FLEX FLEXIBLE METALLIC CONDUIT
FOUTT TELEPHONE FLOOR OUTLET
FP FIRE PROTECTION
FT FEET OR FOOT
FU SW FUSED SWITCH
FVNR FULL VOLTAGE NON-REVERSING
FVR FULL VOLTAGE REVERSING

G OR GND GROUND OR GENERATOR
GEN GENERATOR
GFC GROUND FAULT CIRCUIT INTERRUPTER
GTB GROUND TERMINAL BOX
HOA HAND-OFF-AUTOMATIC
HP HORSEPOWER
HT HEIGHT
HZ HERTZ
IESNA ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA
IMC INTERMEDIATE METAL CONDUIT
IR INFRARED

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

LED LIGHT EMITTING DIODE
LF LINEAR FEET (FOOT)
LM LUMEN
LRA LOCKED ROTOR AMPS
LTCP LOCAL TEMPERATURE CONTROL PANEL
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
MG MOTOR GENERATOR
MIN MINIMUM
MP METERING POINT
MOCP MAXIMUM OVERCURRENT PROTECTION
MLO MAIN LUGS ONLY
MT MOUNT
MTD MOUNTED
MTG MOUNTING
MTS MANUAL TRANSFER SWITCH

NA NOT APPLICABLE
NEC NATIONAL ELECTRICAL CODE
NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NEUT NEUTRAL
NFPA NATIONAL FIRE PROTECTION ASSOCIATION
NIC NOT IN CONTRACT
NL NIGHT LIGHT
NO NORMALLY OPEN
NS NO SCALE
NTS NOT TO SCALE

OC ON CENTER
OD OUTSIDE DIAMETER
OL OVERLOAD

P POLE
PB PANELBOARD, PULL BOX, OR PUSHBUTTON
PCB POLYCHLORINATED BIPHENYL
PED PEDESTAL
PEND PENDANT
PF POWER FACTOR
PH PHASE
PNL PANEL
POD POWER OPERATED DAMPER
PT POTENTIAL TRANSFORMER
PTRV POWER TYPE ROOF VENTILATION
PVC POLYVINYL CHLORIDE (PLASTIC)
PWR POWER

RCP REFLECTED CEILING PLAN
RE RESIDENT ENGINEER
REC RECESSED
RECPT RECEPTACLE
RGS RIGID GALVANIZED STEEL
RM ROOM
RMS ROOT MEAN SQUARE
REQD REQUIRED

SCC SHORT CIRCUIT CAPACITY
SES SERVICE ENTRANCE SECTION
SD SMOKE DETECTOR
SF SQUARE FOOT (FEET)
SHT SHEET
SI INTERNATIONAL SYSTEM OF UNITS
SPD SURGE PROTECTIVE DEVICE
SPEC SPECIFICATION
SPST SINGLE POLE, SINGLE THROW
SURF SURFACE
SW SWITCH
SWBD SWITCHBOARD
SWGR SWITCHGEAR

TC TIME CLOCK
TEL TELEPHONE
TP TWISTED PAIR
TPS TWISTED PAIR SHIELDED
TTB TELEPHONE TERMINAL BOARD
TV TELEVISION
TYP TYPICAL

UL UNDERWRITERS LABORATORY
UON UNLESS OTHERWISE NOTED
UPS UNINTERRUPTIBLE POWER SUPPLY
UTIL UTILITY

V VOLT
VA VOLT AMPERE / VETERANS ADMINISTRATION
VAMC VETERANS ADMINISTRATION MEDICAL CENTER
VAR VOLT AMPERE REACTIVE
VFD VARIABLE FREQUENCY DRIVE
VOLT VOLTAGE

W WATT
WH WATER HEATER
WP WEATHERPROOF

XFER TRANSFER
XFMR TRANSFORMER

GENERAL NOTES - DEMOLITION

A. FOR ITEMS, SUCH AS LIGHTING FIXTURES, WIRING DEVICES, ETC., SHOWN ON PLANS TO BE REMOVED, DISCONNECT WIRING AT THE OVERCURRENT PROTECTIVE DEVICE AND REMOVE WIRING AND CONDUIT COMPLETELY.

B. DISCONNECT ALL ABANDONED WIRING OF ALL TYPES AT THE OVERCURRENT PROTECTIVE DEVICE. COMPLETELY REMOVE ALL ABANDONED WIRING AND CONDUIT.

C. MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUITS AND CONDUCTORS PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.

ELECTRICAL SHEET INDEX

EG002	B13 GENERAL NOTES, ABBREVIATIONS AND SHEET INDEX
ED102	B13 ELECTRICAL DEMOLITION - GROUND FLOOR PLAN
ED112	B13 ELECTRICAL DEMOLITION - FIRST FLOOR PLAN
EL102	B13 ELECTRICAL LIGHTING - GROUND FLOOR PLAN
EL112	B13 ELECTRICAL LIGHTING - FIRST FLOOR PLAN
EP102	B13 ELECTRICAL POWER - GROUND FLOOR PLAN
EP112	B13 ELECTRICAL POWER - FIRST FLOOR PLAN
EL602	B13 ELECTRICAL LIGHTING SCHEDULE
EP622	B13 ELECTRICAL ONE-LINE DIAGRAM
EP623	B13 ELECTRICAL PANEL SCHEDULES
EP624	B13 ELECTRICAL PANEL SCHEDULES

SYMBOL LEGEND

- SECURITY CAMERA
- K — KEYPAD DOOR ACCESS
- C — CARD KEY DOOR ACCESS
- EMERGENCY OFF PUSHBUTTON
- PUSHBUTTON CONTROL
- M — MOTORITIZED ADA DOOR PUSHBUTTON
- REX — REQUEST TO EXIT DEVICE
- W — WIFI DEVICE
- A — VISUAL/AUDIBLE ALARM NOTIFICATION DEVICE
- TELECOMMUNICATIONS DEVICE
- $K — KEYED SWITCH
- OS — OCCUPANCY SENSOR
- E — EXISTING TO REMAIN
- $M — MOTOR RATED SWITCH

Revisions: Date:

CONSULTANT
Consultant: SAZAN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD
A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP: REGISTERED PROFESSIONAL ENGINEER 51012PE JAN. 9, 2026 CHRISTOPHER LARSEN
Expires: 12/31/2026

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

Drawing Title: B13 GENERAL NOTES, ABBREVIATIONS AND SHEET INDEX	Phase: Issued For Construction	Project Title: Seismic Retrofit and Renovate Building 13	Project Number: 653-104
			Building Number: 13
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: EG002
		Issue Date: 04/03/2026 · Checked: CL · Drawn: SW	

VA FORM 08 - 6231

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4/3/2026 2:15:05 PM

SHEET NOTES

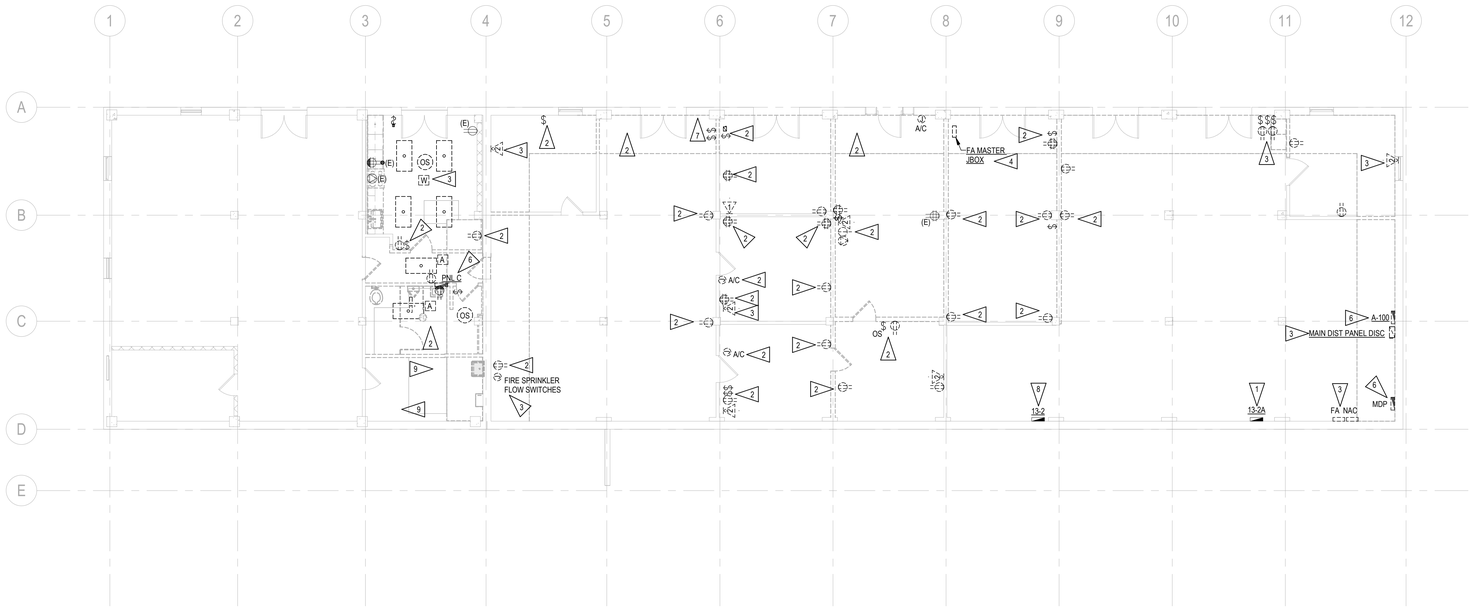
A. REFER TO STRUCTURAL PLANS AND SPECIFICATION SECTION 13 05 41 FOR STRUCTURAL WORK.

B. DEMO EXISTING LIGHTING THROUGHOUT THE FACILITY FOR REPLACEMENT. MAINTAIN EXISTING BRANCH CIRCUITING HOMERUNS FOR NEW LIGHTING. FIELD VERIFY EXACT REQUIREMENTS.

C. DATA, SECURITY, AND FIRE ALARM SYSTEMS SHALL REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION PHASES. COORDINATE REQUIREMENTS WITH OWNER REPRESENTATIVE AND PROVIDE TEMPORARY SERVICES IN ORDER TO MAINTAIN SYSTEMS.

FLAG NOTES

1. EXISTING PANELBOARD TO BE REPLACED. DEMO PANEL. MAINTAIN EXISTING FEEDER AND BRANCH CIRCUITS FOR RECONNECTION TO NEW PANELBOARD.
2. REMOVE EXISTING ELECTRICAL EQUIPMENT, DEVICES, CONDUIT AND WIRING ALONG WALL TO BE STRUCTURALLY REINFORCED AND/OR REMOVED AND REPLACED. PROVIDE SPLICE BOX CLEAR FROM STRUCTURAL AREA OF WORK FOR REINSTALLATION. TYPICAL ALONG STRUCTURALLY REINFORCED WALL.
3. REMOVE EXISTING ELECTRICAL EQUIPMENT AND ASSOCIATED CONDUIT AND WIRING ALONG WALL TO BE STRUCTURALLY REINFORCED. RETAIN EQUIPMENT FOR REINSTALLATION. TYPICAL ALONG STRUCTURALLY REINFORCED WALL.
4. REMOVE EXISTING EQUIPMENT CABINET AND ASSOCIATED CONTROLS AND CONDUIT AND WIRING FOR STRUCTURAL WORK. MAINTAIN FOR REINSTALLATION. PROVIDE SPLICE BOX CLEAR FROM STRUCTURAL AREA OF WORK FOR REINSTALLATION.
5. REMOVE DEVICES, CONDUIT AND WIRING ASSOCIATED WITH DOOR CONTROLS ALONG WALL TO BE STRUCTURALLY REINFORCED. PROVIDE SPLICE BOX CLEAR FROM STRUCTURAL AREA OF WORK FOR REINSTALLATION.
6. EXISTING PANELBOARD TO BE REPLACED AND RELOCATED AT SAME LOCATION ON STRUCTURALLY REINFORCED WALL. REMOVE EXISTING PANEL AND ASSOCIATED CONDUIT AND WIRING FOR STRUCTURAL WORK. PROVIDE NEW SPLICE BOXES AND/OR WIREWAYS AS REQUIRED. EXTEND EXISTING FEEDER AND BRANCH CIRCUIT CONDUIT AND WIRING SERVING EXISTING LOADS TO REMAIN TO NEW PANELBOARD LOCATION.
7. BOX OUT TELECOMMUNICATION CABLE ENTRY FOR STRUCTURAL WALL REINFORCEMENT. COORDINATE WITH STRUCTURAL.
8. EXISTING EQUIPMENT TO REMAIN.
9. EXHAUST FAN TO BE DEMOLISHED IN THIS ROOM. REMOVE ASSOCIATED CONNECTIONS, CONDUIT AND WIRING.



F3 B13 ELECTRICAL DEMOLITION - GROUND FLOOR PLAN
1/8" = 1'-0"

Graphic Scale: 1 inch = 8 feet
0 8' 16' 24' 32'

Revisions:	Date:

CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP: REGISTERED PROFESSIONAL ENGINEER 51012PE JAN. 9, 2026 CHRISTOPHER LARSON
Expires: 12/31/2026

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

Drawing Title: B13 ELECTRICAL DEMOLITION - GROUND FLOOR PLAN	Phase: Issued For Construction	Project Title: Seismic Retrofit and Renovate Building 13	Project Number: 653-104
			Building Number: 13
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: ED102
		Issue Date: 04/03/2026 · Checked: CL · Drawn: SW	

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SHEET NOTES

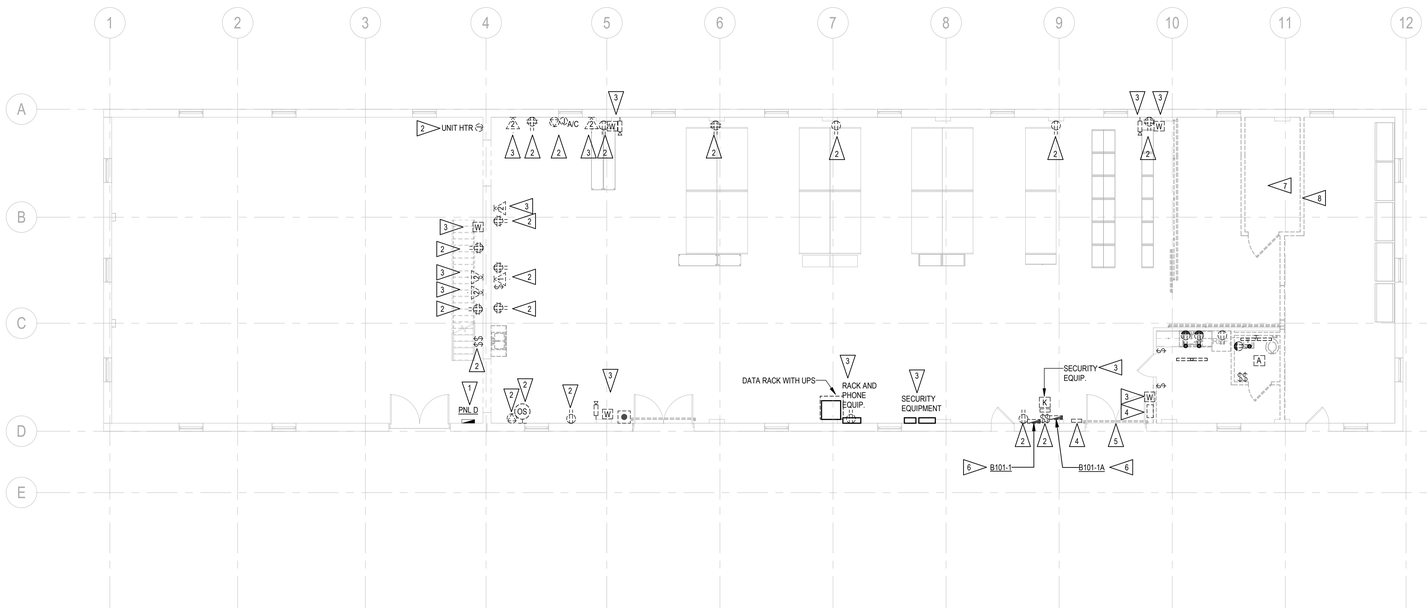
A. REFER TO STRUCTURAL PLANS AND SPECIFICATION SECTION 13 05 41 FOR STRUCTURAL WORK.

B. DEMO EXISTING LIGHTING THROUGHOUT THE FACILITY FOR REPLACEMENT. MAINTAIN EXISTING BRANCH CIRCUITING HOMERUNS FOR NEW LIGHTING. FIELD VERIFY EXACT REQUIREMENTS.

C. DATA, SECURITY, AND FIRE ALARM SYSTEMS SHALL REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION PHASES. COORDINATE REQUIREMENTS WITH OWNER REPRESENTATIVE AND PROVIDE TEMPORARY SERVICES IN ORDER TO MAINTAIN SYSTEMS.

FLAG NOTES

1. EXISTING PANELBOARD TO BE REPLACED. DEMO PANEL. MAINTAIN EXISTING FEEDER AND BRANCH CIRCUITS FOR RECONNECTION TO NEW PANELBOARD.
2. REMOVE EXISTING ELECTRICAL EQUIPMENT, DEVICES, CONDUIT AND WIRING ALONG WALL TO BE STRUCTURALLY REINFORCED. PROVIDE SPLICE BOX CLEAR FROM STRUCTURAL AREA OF WORK FOR REINSTALLATION. TYPICAL ALONG STRUCTURALLY REINFORCED WALL.
3. REMOVE EXISTING ELECTRICAL EQUIPMENT AND ASSOCIATED CONDUIT AND WIRING ALONG WALL TO BE STRUCTURALLY REINFORCED. RETAIN EQUIPMENT FOR REINSTALLATION. TYPICAL ALONG STRUCTURALLY REINFORCED WALL.
4. REMOVE EXISTING EQUIPMENT CABINET AND ASSOCIATED CONTROLS AND CONDUIT AND WIRING FOR STRUCTURAL WORK. MAINTAIN FOR REINSTALLATION. PROVIDE SPLICE BOX CLEAR FROM STRUCTURAL AREA OF WORK FOR REINSTALLATION.
5. REMOVE DEVICES, CONDUIT AND WIRING ASSOCIATED WITH DOOR CONTROLS ALONG WALL TO BE STRUCTURALLY REINFORCED. PROVIDE SPLICE BOX CLEAR FROM STRUCTURAL AREA OF WORK FOR REINSTALLATION.
6. EXISTING PANELBOARD TO BE REPLACED AND RELOCATED AT SAME LOCATION ON STRUCTURALLY REINFORCED WALL. REMOVE EXISTING PANEL AND ASSOCIATED CONDUIT AND WIRING FOR STRUCTURAL WORK. PROVIDE NEW SPLICE BOXES AND/OR WIREWAYS AS REQUIRED. EXTEND EXISTING FEEDER AND BRANCH CIRCUIT CONDUIT AND WIRING SERVING EXISTING LOADS TO REMAIN TO NEW PANELBOARD LOCATION.
7. DEMO EXISTING POWER DEVICES IN THIS VAULT.
8. DEMO EXISTING POWER DEVICES ON THIS WALL.



F3 B13 ELECTRICAL DEMOLITION - FIRST FLOOR PLAN
1/8" = 1'-0"

Graphic Scale: 1 inch = 8 feet
0 8' 16' 24' 32'

Revisions:	Date:

CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP: REGISTERED PROFESSIONAL ENGINEER 51012PE JAN. 9, 2026 CHRISTOPHER LARSON
Expires: 12/31/2026

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

Drawing Title	Phase	Project Title	Project Number
B13 ELECTRICAL DEMOLITION - FIRST FLOOR PLAN	Issued For Construction	Seismic Retrofit and Renovate Building 13	653-104
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: 13
		Issue Date: 04/03/2026 · Checked: CL · Drawn: SW	Drawing Number: ED112

VA FORM 08 - 6231

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4/3/2026 2:15:07 PM

FLAG NOTES

1. PROVIDE NEW DEVICES TO MATCH EXISTING REMOVED DURING DEMOLITION. RECONNECT TO EXISTING CIRCUITRY. EXTEND NEW CONDUIT AND WIRING AS REQUIRED, TYPICAL ALONG STRUCTURALLY REINFORCED WALL.

SHEET NOTES

A. ALL LIGHTING WILL BE COMPRISED OF LED SOURCE LUMINAIRES.

B. WIRED LIGHTING CONTROLS SHALL MEET THE VA LIGHTING DESIGN MANUAL. WIRELESS CONTROLS ARE PROHIBITED.

C. LOCAL CONTROLS OF LIGHTS WILL BE PROVIDED IN EACH ROOM. ENCLOSED ROOMS WILL BE AUTOMATICALLY CONTROLLED VIA OCCUPANCY SENSORS AND INCLUDE A MANUAL OVERRIDE SWITCH. OCCUPANCY SENSORS WILL UTILIZE PASSIVE INFRARED, ULTRASONIC AND DUAL TECHNOLOGY SENSOR BASED ON THE APPLICATION.

D. EMERGENCY EGRESS LIGHTING WILL BE CONTROLLED BUT WILL INCORPORATE A UL924 LISTED TRANSFER RELAY TO OVERRIDE ANY LIGHTING CONTROLS IN THE EVENT OF A NORMAL POWER SOURCE OUTAGE.

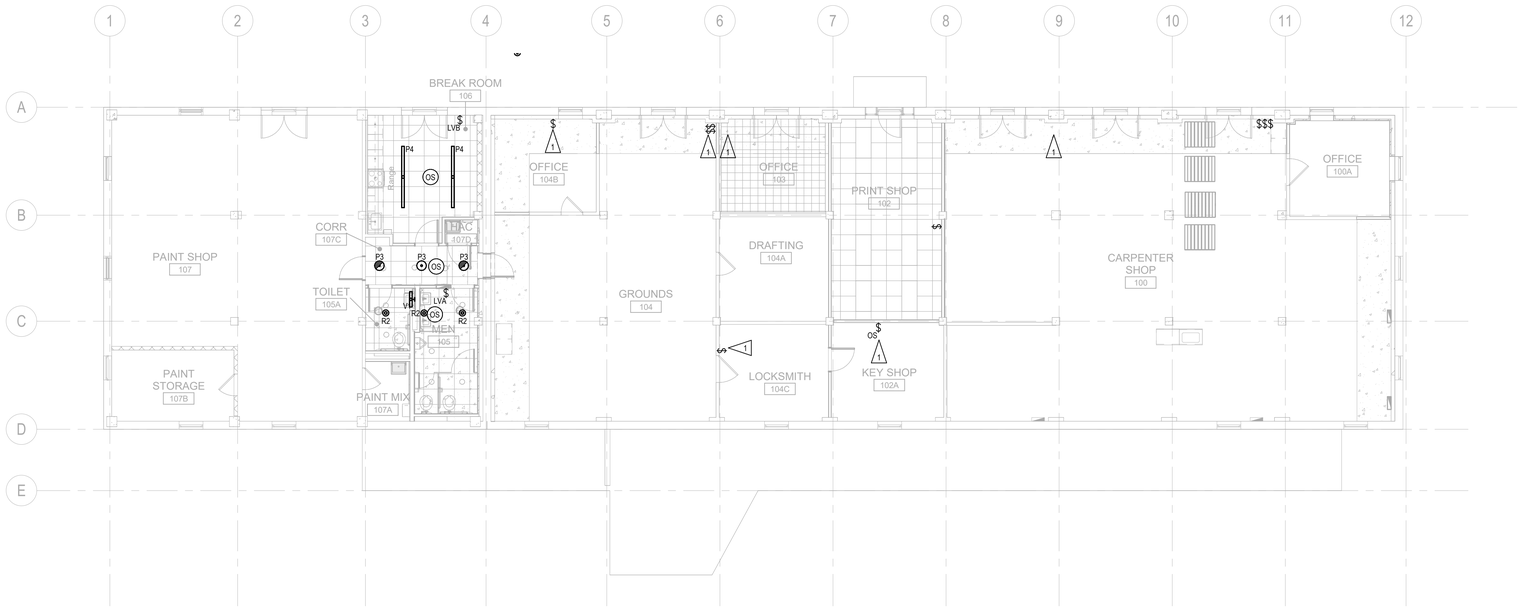
E. PROVIDE LATERAL BRACING FOR ALL LIGHT FIXTURES PER VA GUIDELINES. REFER TO SEISMIC BRACING LEGEND FOR MORE INFORMATION.

F. FOR CIRCUITS CROSSING SEISMIC JOINT, PROVIDE EXPANSION DEFLECTION FITTING WITH A MINIMUM OF 1-1/2" DEFLECTION CAPABILITY IN ALL DIRECTIONS.

G. REFER TO STRUCTURAL PLANS AND SPECIFICATION SECTION 13 05 41 FOR STRUCTURAL WORK.

LEGEND - SEISMIC BRACING

ID CODE	IMPROVEMENT REQUIREMENTS
F+10G	FIXTURE, 10 TO 56 POUNDS, SECURE TO THE CEILING GRID AT FOUR LOCATIONS MINIMUM.
F+10S	FIXTURE, 10 TO 56 POUNDS, ADD TWO SLACK #12 MIN. SAFETY WIRES AT DIAGONALLY OPPOSITE CORNERS AND ATTACHED TO THE STRUCTURE WIRE.
F10G	FIXTURE, LESS THAN 10 POUNDS, PROVIDE FOUR SECURE ATTACHMENTS (OR TIE WIRE ATTACHMENTS) TO THE CEILING GRID.
F10S	FIXTURE, LESS THAN 10 POUNDS, PROVIDE ONE SLACK #12 MIN. SAFETY WIRE ATTACHED TO THE STRUCTURE ABOVE.
FLS	FIXTURE WITH OPEN LAMPS AND/OR UNSECURED LENS, PROVIDE A WIRE CAGE OR SIMILAR PROVISION SUITABLE FOR CATCHING AND SECURING THOSE ITEMS.
F+56	FIXTURE WEIGHING MORE THAN 56 POUNDS, RE-SUPPORT FROM THE STRUCTURE WITH ENGINEERED SUPPORT ELEMENTS AND BRACING.



F3 B13 ELECTRICAL LIGHTING - GROUND FLOOR PLAN
1/8" = 1'-0"

Graphic Scale: 1 inch = 8 feet
0 8' 16' 24' 32'

Revisions:	Date:

CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP
REGISTERED PROFESSIONAL ENGINEER 51012PE JAN. 9, 2026 CHRISTOPHER LARSON
Expires: 12/31/2026

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

Drawing Title: B13 ELECTRICAL LIGHTING - GROUND FLOOR PLAN	Phase: Issued For Construction	Project Title: Seismic Retrofit and Renovate Building 13	Project Number: 653-104
			Building Number: 13
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: EL102
		Issue Date: 04/03/2026 · Checked: CL · Drawn: SW	

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4/3/2026 2:15:08 PM

FLAG NOTES

1. PROVIDE NEW DEVICES TO MATCH EXISTING REMOVED DURING DEMOLITION. RECONNECT TO EXISTING CIRCUITRY. EXTEND NEW CONDUIT AND WIRING AS REQUIRED, TYPICAL ALONG STRUCTURALLY REINFORCED WALL.
2. LUMINAIRES IN PHARMACY STORAGE TO AUTOMATICALLY TURN ON TO 50% OUTPUT UPON OCCUPANCY AND AUTOMATICIALLY TURN OFF AFTER 20MIN VACANCY.

SHEET NOTES

A. ALL LIGHTING WILL BE COMPRISED OF LED SOURCE LUMINAIRES.

B. WIRED LIGHTING CONTROLS SHALL MEET THE VA LIGHTING DESIGN MANUAL. WIRELESS CONTROLS ARE PROHIBITED.

C. LOCAL CONTROLS OF LIGHTS WILL BE PROVIDED IN EACH ROOM. ENCLOSED ROOMS WILL BE AUTOMATICALLY CONTROLLED VIA OCCUPANCY SENSORS AND INCLUDE A MANUAL OVERRIDE SWITCH. OCCUPANCY SENSORS WILL UTILIZE PASSIVE INFRARED, ULTRASONIC AND DUAL TECHNOLOGY SENSOR BASED ON THE APPLICATION.

D. EMERGENCY EGRESS LIGHTING WILL BE CONTROLLED BUT WILL INCORPORATE A UL924 LISTED TRANSFER RELAY TO OVERRIDE ANY LIGHTING CONTROLS IN THE EVENT OF A NORMAL POWER SOURCE OUTAGE.

E. PROVIDE LATERAL BRACING FOR ALL LIGHT FIXTURES PER VA GUIDELINES. REFER TO SEISMIC BRACING LEGEND FOR MORE INFORMATION.

F. FOR CIRCUITS CROSSING SEISMIC JOINT, PROVIDE EXPANSION DEFLECTION FITTING WITH A MINIMUM OF 1-1/2" DEFLECTION CAPABILITY IN ALL DIRECTIONS.

G. REFER TO STRUCTURAL PLANS AND SPECIFICATION SECTION 13 05 41 FOR STRUCTURAL WORK.

LEGEND - SEISMIC BRACING

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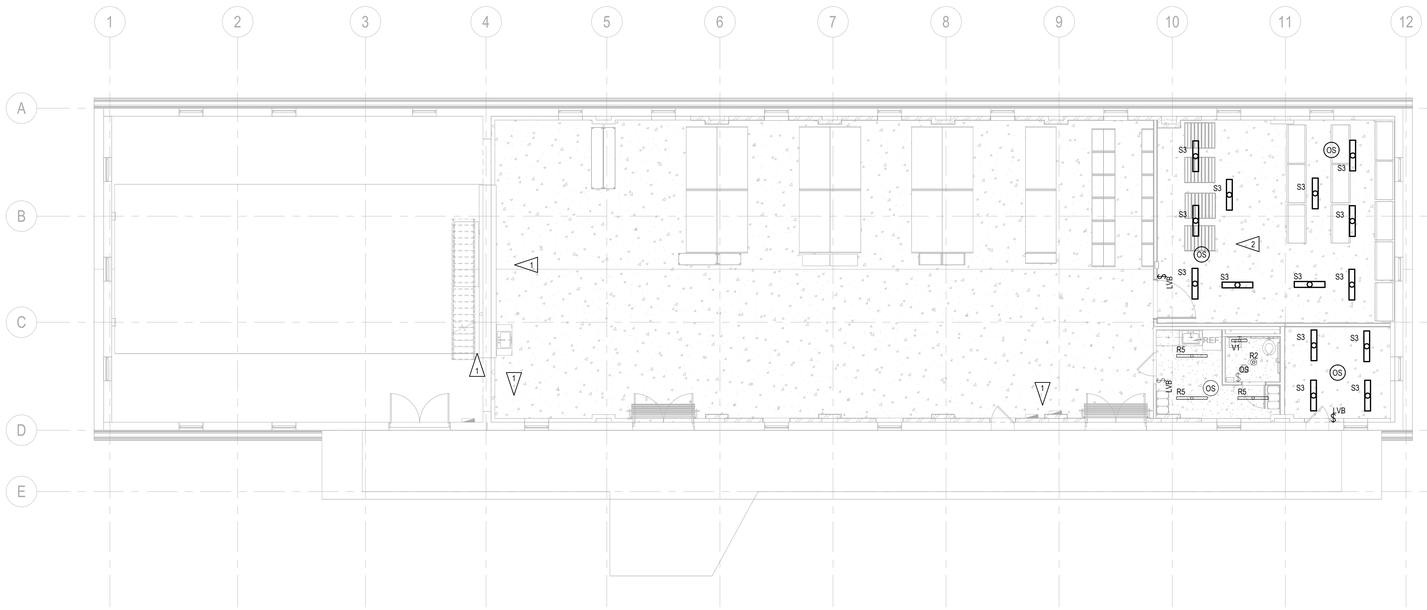

F3 B13 ELECTRICAL LIGHTING - FIRST FLOOR PLAN
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Graphic Scale: 1 inch = 8 feet
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CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
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900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP
REGISTERED PROFESSIONAL ENGINEER 51012PE JAN. 9, 2026 CHRISTOPHER LARSON
Expires: 12/31/2026

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

Drawing Title: B13 ELECTRICAL LIGHTING - FIRST FLOOR PLAN
Approved: director

Phase: Issued For Construction
FULLY SPRINKLERED

Project Title: Seismic Retrofit and Renovate Building 13
Location: VA Roseburg Healthcare System
Issue Date: 04/03/2026
Checked: CL
Drawn: SW

Project Number: 653-104
Building Number: 13
Drawing Number: EL112

VA FORM 08 - 6231

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SHEET NOTES

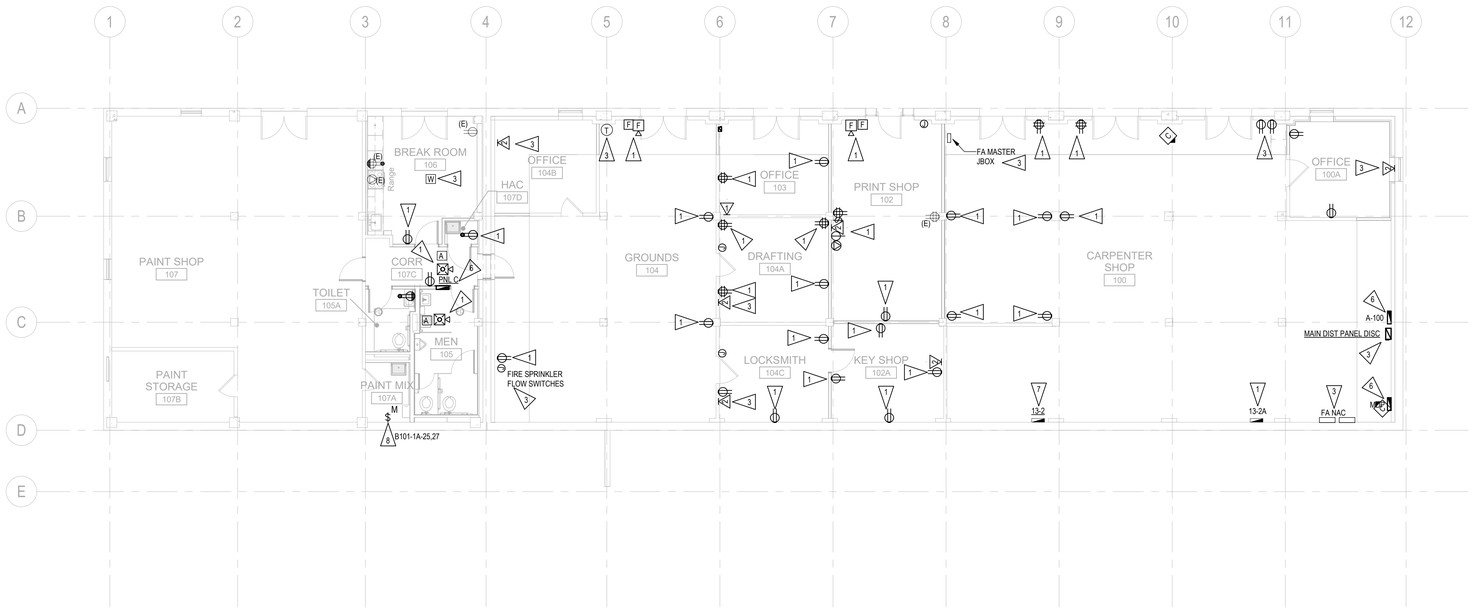
A. REFER TO STRUCTURAL PLANS AND SPECIFICATION SECTION 13 05 41 FOR STRUCTURAL WORK.

B. FOR CIRCUITS CROSSING SEISMIC JOINT, PROVIDE EXPANSION DEFLECTION FITTING WITH A MINIMUM OF 1-1/2" DEFLECTION CAPABILITY IN ALL DIRECTIONS.

C. DATA, SECURITY, AND FIRE ALARM SYSTEMS SHALL REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION PHASES. COORDINATE REQUIREMENTS WITH OWNER REPRESENTATIVE AND PROVIDE TEMPORARY SERVICES IN ORDER TO MAINTAIN SYSTEMS.

FLAG NOTES

1. PROVIDE NEW DEVICES TO MATCH EXISTING REMOVED DURING DEMOLITION. RECONNECT TO EXISTING CIRCUITRY. EXTEND NEW CONDUIT AND WIRING AS REQUIRED, TYPICAL ALONG STRUCTURALLY REINFORCED WALL.
2. PROVIDE NEW PANELBOARD TO REPLACE EXISTING REMOVED DURING DEMOLITION. RECONNECT FEEDER AND BRANCH CIRCUITS COMPLETE.
3. REINSTALL EXISTING EQUIPMENT REMOVED DURING DEMOLITION. ROUTE NEW CONDUIT AND WIRING AS REQUIRED AND RECONNECT COMPLETE.
4. REINSTALL EXISTING EQUIPMENT PANEL AND ASSOCIATED CONTROLS, EXTEND CONDUIT AND WIRING AS REQUIRED.
5. REINSTALL AND PROVIDE CONNECTIONS TO DOOR CONTROLS THAT WERE REMOVED DURING DEMOLITION. EXTEND CONDUIT AND WIRING AS REQUIRED.
6. PROVIDE NEW PANELBOARD TO REPLACE REMOVED PANEL. EXTEND AND/OR PROVIDE NEW CONDUIT AND WIRING TO REPLACE EXISTING REMOVED DURING DEMOLITION. EXTEND NEW CONDUIT AND WIRING AS REQUIRED. RETERMINATE ALL FEEDER AND BRANCH CIRCUITS COMPLETE.
7. EXISTING EQUIPMENT TO REMAIN.
8. PROVIDE CONNECTIONS TO REPLACEMENT EXHAUST FAN. PROVIDE NEW CONDUIT AND WIRING.



F3 B13 ELECTRICAL POWER - GROUND FLOOR PLAN
1/8" = 1'-0"

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Revisions:	Date:

CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
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EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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REGISTERED PROFESSIONAL ENGINEER 51012PE JAN. 9, 2026 CHRISTOPHER LARSON
Expires: 12/31/2026

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

Drawing Title: B13 ELECTRICAL POWER - GROUND FLOOR PLAN
Approved: director
Phase: Issued For Construction
FULLY SPRINKLERED
Project Title: Seismic Retrofit and Renovate Building 13
Location: VA Roseburg Healthcare System
Issue Date: 04/03/2026
Checked: CL
Drawn: SW
Project Number: 653-104
Building Number: 13
Drawing Number: EP102

VA FORM 08 - 6231

Autodesk Docs://FDX 735-24021 Seismic Retrofit Roseburg for Buildings 11, 13 and 16/735-24021 Roseburg SR Building 13 ETFP V24.rvt
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SHEET NOTES

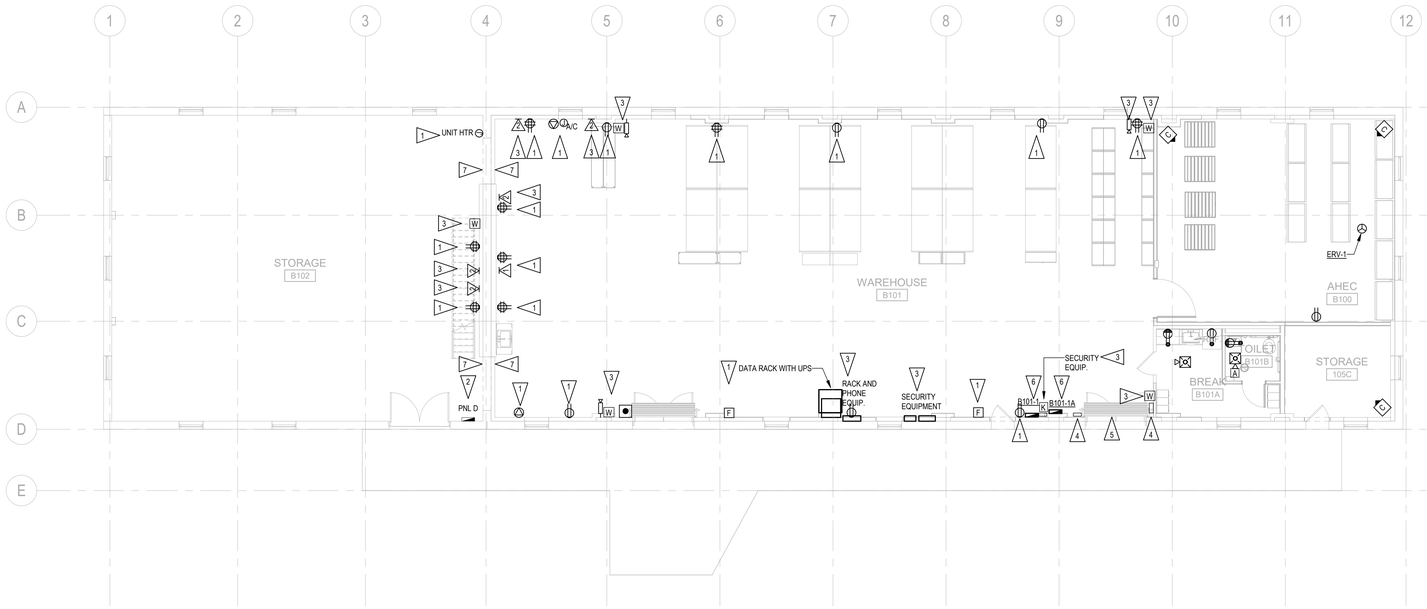
A. REFER TO STRUCTURAL PLANS AND SPECIFICATION SECTION 13 05 41 FOR STRUCTURAL WORK.

B. FOR CIRCUITS CROSSING SEISMIC JOINT, PROVIDE EXPANSION DEFLECTION FITTING WITH A MINIMUM OF 1-1/2" DEFLECTION CAPABILITY IN ALL DIRECTIONS.

C. DATA, SECURITY, AND FIRE ALARM SYSTEMS SHALL REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION PHASES. COORDINATE REQUIREMENTS WITH OWNER REPRESENTATIVE AND PROVIDE TEMPORARY SERVICES IN ORDER TO MAINTAIN SYSTEMS.

FLAG NOTES

1. PROVIDE NEW DEVICES TO MATCH EXISTING REMOVED DURING DEMOLITION. RECONNECT TO EXISTING CIRCUITRY, EXTEND NEW CONDUIT AND WIRING AS REQUIRED, TYPICAL ALONG STRUCTURALLY REINFORCED WALL.
2. PROVIDE NEW PANELBOARD TO REPLACE EXISTING REMOVED DURING DEMOLITION. RECONNECT FEEDER AND BRANCH CIRCUITS COMPLETE.
3. REINSTALL EXISTING EQUIPMENT REMOVED DURING DEMOLITION. ROUTE NEW CONDUIT AND RECONNECT COMPLETE.
4. REINSTALL EXISTING EQUIPMENT PANEL AND ASSOCIATED CONTROLS, EXTEND CONDUIT AND WIRING AS REQUIRED.
5. REINSTALL AND PROVIDE CONNECTIONS TO DOOR CONTROLS THAT WERE REMOVED DURING DEMOLITION. EXTEND CONDUIT AND WIRING AS REQUIRED.
6. PROVIDE NEW PANELBOARD TO REPLACE REMOVED PANEL. EXTEND AND/OR PROVIDE NEW CONDUIT AND WIRING TO REPLACE EXISTING REMOVED DURING DEMOLITION. EXTEND NEW CONDUIT AND WIRING FOR FEEDER AND BRANCH CIRCUITS AS REQUIRED. RETERMINATE ALL FEEDER AND BRANCH CIRCUITS COMPLETE.
7. CONCRETE OVERLAY (SHOTCRETE) WILL BE INSTALLED IN THE MECHANICAL CRAWLSPACE ALONG ENTIRETY OF INDICATED GRIDLINE. REFER TO STRUCTURAL AND SPECIFICATION SECTION 13 05 41. REMOVE AND/OR RELOCATE EXISTING CONDUITS IN CONFLICT. PROVIDE SPLICE BOXES AND EXTEND CONDUIT AND WIRING AROUND AREA OF STRUCTURAL WORK.



F3 B13 ELECTRICAL POWER - FIRST FLOOR PLAN
1/8" = 1'-0"

Graphic Scale: 1 inch = 8 feet
0 8' 16' 24' 32'

Revisions:	Date:

CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

STAMP
REGISTERED PROFESSIONAL ENGINEER 51012PE JAN. 9, 2018 CHRISTOPHER LARSON
Expires: 12/31/2026

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

Drawing Title	Phase	Project Title	Project Number
B13 ELECTRICAL POWER - FIRST FLOOR PLAN	Issued For Construction	Seismic Retrofit and Renovate Building 13	653-104
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Building Number: 13
		Issue Date: 04/03/2026 · Checked: CL · Drawn: SW	Drawing Number: EP112

VA FORM 08 - 6231

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SHEET NOTES

A. REFER TO SPECIFICATION 260923, 265100, 265600 FOR ADDITIONAL INFORMATION AS WELL AS MANUFACTUREER CUTSHEETS FOR ADDITIONAL REQUIREMENTS.
B. INFRASTRUCTURE AND COMPONENTS AS REQUIRED FOR EMERGENCY POWER COMPATIBILITY COORDINATED WITH LIGHTING DRAWINGS. PROVIDE UL924 BYPASS RELAY DEVICES FOR ALL DESIGNATED EMERGENCY EGRESS LIGHTING WITH AUTOMATIC CONTROLS TO AUTOMATICALLY RAISE TO 100% UPON POWER LOSS.
C. ALL VISUAL COMPONENTS OF LUMINAIRE, LUMINAIRE ASSEMBLY AND MOUNTING HARDWARE TO MATCH FINISH INDICATED BY ARCHITECT. SUBMIT RFI FOR UNIQUE SITUATIONS AS REQUIRED PRIOR TO PROCUREMENT.
D. ALL MOUNTING DETAILS TO BE COORDINATED WITH ARCHITECT AND LIGHTING DESIGNER PRIOR TO LUMINAIRE PROCUREMENT, ROUGH-IN, INSTALLATION AND EXECUTION. SUBMIT RFI FOR UNIQUE CIRCUMSTANCES THAT ARISE.
E. CONFIRM ELEVATION OF WALL MOUNTED LUMINAIRES WITH ARCHTIECT AND/OR LIGHTING DESIGNER PRIOR TO INSTALLING.
F. DELIVERED LUMEN OUTPUT IS MINIMUM REQUIRED OUTPUT FOR LUMINAIRE.
G. LUMINAIRES SHALL BE ORDERED WITH NECESSARY POWER SUPPLIES, DRIVERS, LEADER CABLES, JUMPER CABLES, POWER FEEDS, TERMINATORS AND CONTROL INTERFACES FOR INSTALLATION OF A COMPLETE WORKING SYSTEM IF SO REQUIRED.
H. INSTALLING CONTRACTOR TO VERIFY VOLTAGE WITH ELECTRICAL BRANCH CIRCUIT AND COORDINATE TRANSFORMER SIZE AND WIRE GAUGE TO LIMIT VOLTAGE DROP TO ≤2% OVER ENTIRE LENGTH OF RUN.
I. SUBMIT MANUFACTURER SHOP DRAWINGS FOR REVIEW PRIOR TO PROCUREMENT INDICATING FIXTURE LENGTHS AND LOCATION OF SEAMS BETWEEN LUMINAIRES FOR ALL LUMINAIRES WITH CUSTOM LENGTHS.
J. ALL LUMINAIRE FINISHES TO BE VERIFIED BY ARCHITECT / INTERIOR DESIGNER PRIOR TO PROCUREMENT.
K. FOR CUSTOM LENGTH LINEAR LUMINAIRES, PROVIDE NO MORE THAN 3" OF UNLIT LENGTH BETWEEN ANY LINEAR SEGMENTS.
L. ALL LOCATIONS ON LIGHTING PLANS ARE DIAGRAMMATIC. REFER TO ARCHTIECTURAL FOR EXACT LUMINAIRE DIMENSIONS. FIELD VERIFY LENGTHS FOR WALL TO WALL LUMINAIRES PRIOR TO PROCUREMENT.
M. LUMINAIRE MOUNTING HEIGHTS INDICATED IN LUMINAIRE SCHEDULE AND/OR ON DRAWINGS BY FLAGGED NOTES.
N. ELECTRICAL CONTRACTOR AND SELECTED LIGHTING CONTROL MANUFACTURER TO PROVIDE SHOP DRAWINGS AND WIRING DIAGRAMS BASED ON LIGHTING CONTROL SEQUENCE. SHOP DRAWINGS SHALL INCLUDE RECOMMENDED QUANTITIES AND LOCATIONS FOR SENSORS, RELAYS, PANELS, SWITCHES, AND OTHER EQUIPMENT REQUIRED TO ACHIEVE CONTROL

LUMINAIRE SCHEDULE

FIXTURE TYPE	DESCRIPTION	MOUNTING	CCT / CRI	INPUT WATTS (W)	LUMEN OUTPUT	BALLAST / TRANSFORMER / DRIVER	VOLTAGE	LENS / REFLECTOR / BEAM	TRIM / FLANGE / BAFFLE / FINISH	MANUFACTURER / CATALOG #	REMARKS / ACCESSORIES/ OPTIONS
INTERIOR LIGHTING											
P3	NOMINAL 16"X8" SEMI ROUND LED LUMINAIRE	PENDANT	3500K 80CRI	16	1652	0-10V DIMMING DRIVER	UNV	WHITE OPAL DIFFUSER	BY ARCHITECT	G LIGHTING - ARTICLE SCHOOLHOUSE PENDANT SERIES	
P4	NOMINAL 4 INCH APERTURE DIRECT DISTRIBUTION LINEAR LED LUMINAIRE	PENDANT	3500K 80CRI	4 WATTS PER FOOT	600 LM/FT	0-10V DIMMING DRIVER	UNV	FROSTED FLUSH LENS	BY ARCHITECT	NULITE - RP44-D PENDANT SERIES	
R2	4" ROUND MEDIUM DISTRIBUTION DOWNLIGHT LED LUMINAIRE	RECESSED	3500K 80CRI	8	1000	0-10V DIMMING DRIVER	UNV	CLEAR REFLECTOR	BY ARCHITECT	GOTHAM - 4" DOWNLIGHT SERIES	
R5	VARIABLE LENGTHS RECESSED LED LUMINAIRE	RECESSED	3500K 80CRI	4 WATTS PER FOOT	400 LUMENS PER FOOT	0-10V DIMMING DRIVER	UNV	SPOTLESS LENS	BY ARCHITECT	AXIS LIGHTING - SLATE 1 SERIES	SEE PLANS FOR LENGTHS
S1	4'-0" STRIPLIGHT LED LUMINAIRE	PENDANT	3500K 80CRI	30	3000	0-10V DIMMING DRIVER	UNV	FROSTED DROP LENS	BY ARCHITECT	LITHONIA LIGHTING - ZL1D SERIES	PROVIDE PENDANT MOUNT ACCESSORIES
S2	4'-0" VAPORTIGHT STRIPLIGHT LED LUMINAIRE	PENDANT	3500K 80CRI	34	4000	0-10V DIMMING DRIVER	UNV	FROSTED POLYCARBONATE LENS	BY ARCHITECT	LITHONIA LIGHTING - CSVT SERIES	PROVIDE PENDANT MOUNT ACCESSORIES
S3	4'-0" WRAPAROUND STRIPLIGHT LED LUMINAIRE	SURFACE	3500K 80CRI	49	6000	0-10V DIMMING DRIVER	UNV	CURVED SMOOTH	BY ARCHITECT	LITHONIA LIGHTING - BLWP SERIES	PROVIDE BAA COMPLIANT LUMINAIRE
V1	2'-0" SQUARE LINEAR VANITY LED LUMINAIRE	WALL	3000K 90CRI	18	1304	NON-DIMMABLE	UNV	ACRYLIC DIFFUSER	BRUSHED NICKEL	LITHONIA LIGHTING - CONTEMPORARY SQUARE VANITY SERIES	
X1	SINGLE/DOUBLE FACE EXIT SIGN	UNV	GREEN	5 WATTS	NA	INTEGRAL	UNV	CLEAR ACRYLIC	BRUSHED ALUMINUM	LITHONIA LIGHTING - EDG SERIES	

LIGHTING CONTROL SEQUENCE OF OPERATIONS: INTERIOR

Responsibility Matrix	Factory Representative	Contractor	Owner/ Facilities	Design team
Startup and Programming	Prime	Assist	Review	
Commissioning and Verification	Prime	Demonstrate		
Hours of operation	Prime	Assist	Provide	
Aesthetic dimming/aiming		Aim/Dim	Onsite review	Onsite Review

Basis of Design Manufacturer	Alternate Manufacturer(s)
nLight	Wattstopper DLM, Nlight, Lutron, Cooper Wavelinx

NAME	STANDALONE SYSTEM	NETWORKED SYSTEM	SCHEDULED ON BY TIMECLOCK	AUTOMATIC FULL OFF USING OCCUPANCY SENSORS	SCHEDULED SHUTOFF BY TIMECLOCK	LOCAL CONTROL (P=PLANS, T=TIMECLOCK)	MANUAL ON	PARTIAL AUTOMATIC ON TO 50% MAX OUTPUT USING OCCUPANCY SENSORS.	BILEVEL LIGHTING CONTROL (PROVIDE CONTINUOUS DIMMING, SEE LUMINAIRE SCHEDULE)	PHOTOCELL DAYLIGHT CONTROL	PARTIAL AUTOMATIC OFF TO 50% MAX OUTPUT USING OCCUPANCY SENSORS	AUTO FULL ON	MANUAL OFF	NOTES
CIRCULATION			**option**	**X**		**REQ**				**X**	**X**			
STORAGE				**X**		**REQ**								
BREAKROOM				**X**		**REQ**		**X**	**X**					
RESTROOM	**X**			**X**		**X**						**X**		

GENERAL NOTES

A. REFER TO SPECIFICATION SECTION 2609/XX FOR MORE INFORMATION. ELECTRICAL CONTRACTOR AND SELECTED LIGHTING CONTROL MANUFACTURER TO PROVIDE SHOP DRAWINGS AND WIRING DIAGRAMS BASED ON LIGHTING CONTROL SEQUENCE. SHOP DRAWINGS SHALL INCLUDE RECOMMENDED QUANTITIES AND...
B. OWNER TO CONFIRM TIMECLOCK SETPOINTS FOR HOURS OF OPERATION.
C. 20 MINUTE TIMEOUT FOR ALL OCCUPANCY SENSORS UNLESS OTHERWISE NOTED.

LIGHTING CONTROL STATIONS

CONTROL STATION DESIGNATION	ZONES CONTROLLED	BUTTON NUMBER	FUNCTION	LABEL	NOTES
$	ALL	1	ALL ON	ON	
		2	ALL OFF	OFF	
$OS	ALL	1	ALL ON	ON	
		2	ALL OFF	OFF	
$LVA	ALL	1	Zone a ON/HOLD DIM UP	^	
		2	Zone a OFF/HOLD DIM DOWN	V	
$LVB	a	1	Zone a ON/HOLD DIM UP	^	
	a	2	Zone a OFF/HOLD DIM DOWN	V	
	b	3	Zone b ON/HOLD DIM UP	^	
	b	4	Zone b OFF/HOLD DIM DOWN	V	

GENERAL NOTES:

A. SWITCH STYLE AND/OR BUTTON NUMBERS CAN BE CONSOLIDATED OR CHANGED BASED ON FINAL CONTROLS MANUFACTURER AS LONG AS CONTROL INTENT FUNCTIONALITY REMAINS.

B. SWITCH PLATE FINISH PER ARCHITECT

C. REFER TO SOO AND DIVISION SPECIFICATIONS FOR ADDITIONAL INFORMATION AND BOD MANUFACTURER.

D. FINAL LABELS TO BE REVIEWED BY OWNER PRIOR TO ENGRAVING.

Revisions:	Date:

CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD
A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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Expires: 12/31/2026

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

Drawing Title: B13 ELECTRICAL LIGHTING SCHEDULE
Approved: director
Phase: Issued For Construction
FULLY SPRINKLERED
Project Title: Seismic Retrofit and Renovate Building 13
Location: VA Roseburg Healthcare System
Issue Date: 04/03/2026
Checked: CL
Drawn: SW
Project Number: 653-104
Building Number: 13
Drawing Number: EL602

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3-PHASE FEEDER SCHEDULE
COPPER CONDUCTORS

CONDUCTORS #1 AWG OR SMALLER ARE SIZED BASED ON 60 DEGREE TABLES

CODE	PARALLEL SETS	CONDUIT SIZE	CONDUCTOR SIZE	GROUND CONDUCTOR
20	1	3/4"	3#12	#12
20N	1	3/4"	3#12, #12N	#12
30	1	3/4"	3#10	#10
30N	1	3/4"	3#10, #10N	#10
40	1	1"	3#8	#10
40N	1	1"	3#8, #8N	#10
50	1	1"	3#6	#10
50N	1	1"	3#6, #6N	#10
60	1	1-1/4"	3#4	#10
60N	1	1-1/4"	3#4, #4N	#10
70	1	1-1/4"	3#4	#8
70N	1	1-1/4"	3#4, #4N	#8
80	1	1-1/4"	3#2	#8
80N	1	1-1/2"	3#2, #2N	#8
90	1	1-1/4"	3#2	#8
90N	1	1-1/2"	3#2, #2N	#8
100	1	1-1/2"	3#1	#8
100N	1	1-1/2"	3#1, #1N	#8
125	1	1-1/2"	3#1	#6
125N	1	1-1/2"	3#1, #1N	#6
150	1	2"	3#1/0	#6
150N	1	2"	3#1/0, #1/0N	#6
175	1	2"	3#2/0	#6
175N	1	2"	3#2/0, #2/0N	#6
200	1	2"	3#3/0	#6
200N	1	2"	3#3/0, #3/0N	#6
225	1	2"	3#4/0	#4
225N	1	2-1/2"	3#4/0, #4/0N	#4
250	1	2-1/2"	3#250	#4
250N	1	3"	3#250, #250N	#4
300	1	3"	3#350	#4
300N	1	3"	3#350, #350N	#4
350	1	3"	3#500	#2
350N	1	3-1/2"	3#500, #500N	#2
380	1	3"	3#500	#2
380N	1	3-1/2"	3#500, #500N	#2
400	2	2"	3#3/0	#2
400N	2	2"	3#3/0, #3/0N	#2
500	2	2-1/2"	3#250	#2
500N	2	2-1/2"	3#250, #250N	#2
600	2	3"	3#350	#1
600N	2	3"	3#350, #350N	#1
700	2	3"	3#500	#1/0
700N	2	3-1/2"	3#500, #500N	#1/0
760	2	3"	3#500	#1/0
760N	2	3-1/2"	3#500, #500N	#1/0
800	3	3"	3#300	#1/0
800N	3	3-1/2"	3#300, #300N	#1/0
1000	3	3"	3#400	#2/0
1000N	3	3"	3#400, #400N	#2/0
1200	4	3"	3#350	#3/0
1200N	4	3"	3#350, #350N	#3/0
1600	5	3"	3#400	#4/0
1600N	5	3"	3#400, #400N	#4/0
2000	6	3"	3#400	#250
2000N	6	3"	3#400, #400N	#250
2500	7	3"	3#500	#350
2500N	7	3-1/2"	3#500, #500N	#350
3000	8	3"	3#500	#400
3000N	8	3-1/2"	3#500, #500N	#400
3500	10	3"	3#500	#400
3500N	10	3-1/2"	3#500, #500N	#400
4000	11	3"	3#500	#500
4000N	11	3-1/2"	3#500, #500N	#500
EXIST	EXISTING FEEDER TO REMAIN			

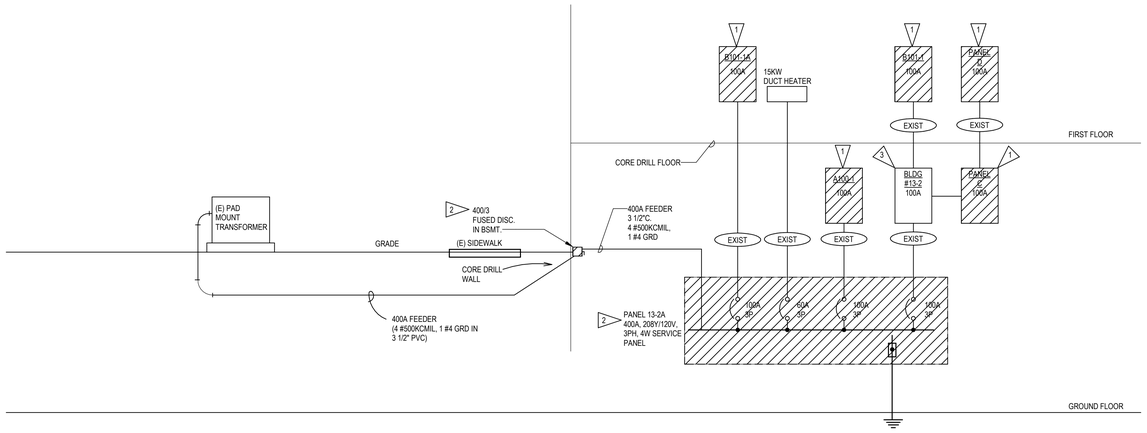
TRANSFORMER FEEDER SCHEDULE
COPPER CONDUCTORS

CONDUCTORS #1 AWG OR SMALLER ARE SIZED BASED ON 60 DEGREE TABLES

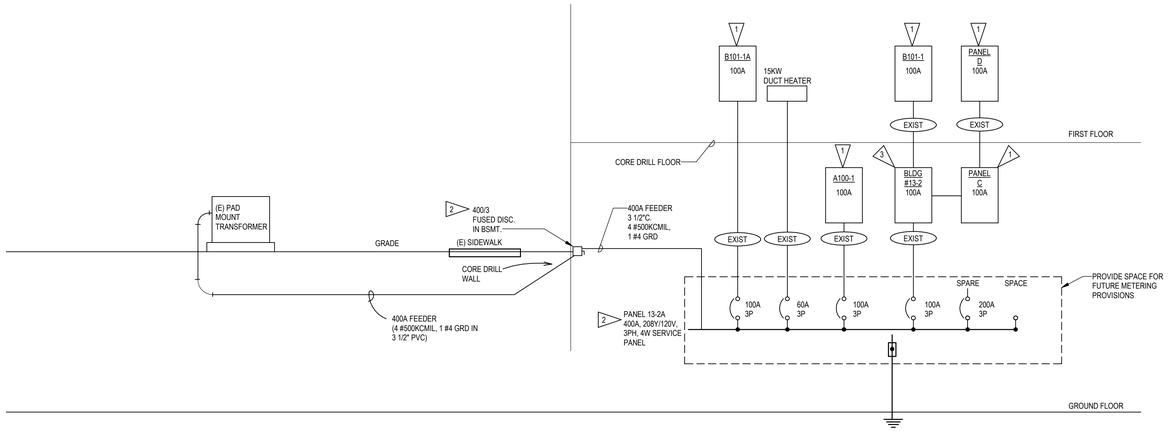
CODE	TRANSFORMER	PARALLEL SETS	CONDUIT SIZE	CONDUCTOR SIZE	GROUND CONDUCTOR
15T	15KVA PRIMARY	1	3/4"	3#10	#10
	15KVA SECONDARY	1	1"	3#6, #6N	#8
30T	30KVA PRIMARY	1	1"	3#6	#10
	30KVA SECONDARY	1	1-1/2"	3#1, #1N	#6
45T	45KVA PRIMARY	1	1-1/4"	3#4	#8
	45KVA SECONDARY	1	2"	3#1/0, #1/0N	#6
75T	75KVA PRIMARY	1	1-1/2"	3#1	#6
	75KVA SECONDARY	1	2-1/2"	3#250, #250N	#2
112T	112.5KVA PRIMARY	1	2"	(3) #2/0	#6
	112.5KVA SECONDARY	1	3"	3#500, #500N	#1/0
150T	150KVA PRIMARY	1	2"	3#4/0	#4
	150KVA SECONDARY	2	2-1/2"	3#250, #250N	#1/0
225T	225KVA PRIMARY	1	3"	3#500	#2
	225KVA SECONDARY	2	3"	3#500, #500N	#1/0
300T	300KVA PRIMARY	2	2-1/2"	3#250	#2
	300KVA SECONDARY	3	3"	3#400, #400N	#3/0
500T	500KVA PRIMARY	3	3"	3#300	#1/0
	500KVA SECONDARY	5	3"	3#400, #400N	#250

FLAG NOTES

1. EXISTING PANELBOARD TO BE REPLACED. DEMO PANEL, MAINTAIN EXISTING FEEDER AND BRANCH CIRCUITS FOR RECONNECTION.
2. EXISTING EQUIPMENT TO BE REPLACED. DEMO EQUIPMENT, MAINTAIN EXISTING FEEDER FOR RECONNECTION.
3. EXISTING PANELBOARD TO REMAIN.
4. NEW PANELBOARD. RECONNECT EXISTING FEEDER AND BRANCH CIRCUITS.
5. NEW EQUIPMENT. RECONNECT EXISTING FEEDER.



C4 BUILDING 13 - EXISTING DEMO ONE-LINE
NTS



F4 BUILDING 13 - NEW ONE-LINE
NTS

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

SCHEDULE NOTES:
1) NEMA-3R FUSED DISCONNECT SWITCH.
2) PROVIDE MOTOR-RATED SWITCH, WITH WP COVER, AS DISCONNECT.
3) PROVIDE MOTOR-RATED SWITCH AS DISCONNECT.
4) EXHAUST FAN SHARES CIRCUIT WITH OTHER EXHAUST FANS.
5) WATER HEATER SHARES CIRCUIT WITH OTHER WATER HEATER.

ABBREVIATION:
FLA: FULL LOAD AMPERES
HP: HORSEPOWER
KVA: KILOVOLT-AMPERES
KW: KILOWATTS
MCA: MINIMUM CIRCUIT AMPACITY
MOCP: MAXIMUM OVERCURRENT PROTECTIVE DEVICE
OFOI: OWNER-FURNISHED, OWNER-INSTALLED
OFCI: OWNER-FURNISHED, CONTRACTOR-INSTALLED
W: WATTS
WP: WEATHERPROOF
VA: VOLT-AMPERE

SCHEDULE GENERAL NOTES
1) DISCONNECTS ARE SHOWN AS FRAME RATING / FUSE SIZE.
2) PROVIDE DUCT SMOKE DETECTORS FOR ALL H/VAC UNITS SUPPLYING 2,000 CFM OR MORE. COORDINATE WITH FIRE ALARM CONTRACTOR.
3) ALL 120V, 15A AND 20A RECEPTACLES AND/OR EQUIPMENT CIRCUITS SHALL BE GFCI PROTECTED PER NOTE 2, UNLESS NOTED OTERWISE/

NO.	EQUIPMENT DESCRIPTION	LOCATION	VA	HP	KW	KVA	MCA	MOCP	VOLTAGE	PHASES	CONDUIT SIZE	WIRE SIZE	DISC/FUSE/POLES	CIRCUIT NUMBER	NOTES
EF-1	EXHAUST FAN		400			0.4	1.9	15 A	208	1	3/4"	2#12, 1#12 GND		B101-1A - 25,27	3

Revisions:	Date:

CONSULTANT
Consultant: SAZAN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD
A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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REGISTERED PROFESSIONAL ENGINEER S10132PE JAN. 9, 2026 CHRISTOPHER LARSON
Expires: 12/31/2026

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

Drawing Title: B13 ELECTRICAL ONE-LINE DIAGRAM	Phase: Issued For Construction	Project Title: Seismic Retrofit and Renovate Building 13	Project Number: 653-104
			Building Number: 13
Approved: director	FULLY SPRINKLERED	Location: VA Roseburg Healthcare System	Drawing Number: EP622
		Issue Date: 04/03/2026 · Checked: CL · Drawn: SW	

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PANEL 13-2A SCHEDULE

LOCATION: FED FROM:
GROUNDING:
EQUIPMENT GROUND BUS

VOLTAGE: **120/208 Wye 3-PH. 4-WIRE**
TYPE: **BOLT-ON**
MOUNTING: **SURFACE**
SKIRTS: **NONE**
A.I.C. RATING:

400 A MLO

CKT #	ITEM	NOTE	AMPS	POLE	A		B		C		POLE	AMPS	NOTE	ITEM	CKT #
1	(E) PANEL A100-1		100 A	3	0 VA	--					1	--		(E) SPACE	2
3	--	--	--	--			0 VA	--			1	--		(E) SPACE	4
5	--	--	--	--					0 VA	0 VA	1	20 A		(E) UNKNOWN	6
7	(E) PANEL 13-2		100 A	3	0 VA	0 VA					3	50 A		(E) PLANER	8
9	--	--	--	--			0 VA	0 VA			--	--	--	--	10
11	--	--	--	--					0 VA	0 VA	--	--	--	--	12
13	(E) SPARE		20 A	3	0 VA	0 VA					3	20 A		(E) JOINTER	14
15	--	--	--	--			0 VA	0 VA			--	--	--	--	16
17	--	--	--	--					0 VA	0 VA	--	--	--	--	18
19	(E) SPARE		30 A	3	0 VA	0 VA					3	20 A		(E) SPARE	20
21	--	--	--	--			0 VA	0 VA			--	--	--	--	22
23	--	--	--	--					0 VA	0 VA	--	--	--	--	24
25	(E) SPARE		30 A	3	0 VA	0 VA					3	30 A		(E) SPARE	26
27	--	--	--	--			0 VA	0 VA			--	--	--	--	28
29	--	--	--	--					0 VA	0 VA	--	--	--	--	30
31	(E) SPARE		40 A	3	0 VA	0 VA					3	30 A		(E) SPARE	32
33	--	--	--	--			0 VA	0 VA			--	--	--	--	34
35	--	--	--	--					0 VA	0 VA	--	--	--	--	36
37	(E) SPARE		40 A	3	0 VA	0 VA					3	30 A		(E) SPARE	38
39	--	--	--	--			0 VA	0 VA			--	--	--	--	40
41	--	--	--	--					0 VA	0 VA	--	--	--	--	42
			Total Load:		0 VA		0 VA		0 VA						
			Total Amps:		**0 A**		**0 A**		**0 A**						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

PANEL 13-2 SCHEDULE

LOCATION: FED FROM:
GROUNDING:
EQUIPMENT GROUND BUS

VOLTAGE: **120/208 Wye 3-PH. 4-WIRE**
TYPE: **BOLT-ON**
MOUNTING: **SURFACE**
SKIRTS: **NONE**
A.I.C. RATING:

100 A MCB

CKT #	ITEM	NOTE	AMPS	POLE	A		B		C		POLE	AMPS	NOTE	ITEM	CKT #
1	(E) PANEL B101-1		60 A	3	0 VA	0 VA					3	70 A		(E) PANEL C & D	2
3	--	--	--	--			0 VA	0 VA			--	--	--	--	4
5	--	--	--	--					0 VA	0 VA	--	--	--	--	6
7	(E) NE. CARP.		20 A	1	0 VA	0 VA					1	20 A		(E) CARP. PAINT	8
9	(E) SE. CARP.		20 A	1			0 VA	0 VA			1	20 A		(E) CARP & SECURITY RADIO OFFICE	10
11	(E) WELDING TABLE		20 A	1					0 VA	0 VA	1	20 A		(E) S.W. CARP.	12
13	(E) CARP. SHOP		20 A	1	0 VA	0 VA					1	20 A		(E) ELECT. TEST PANEL	14
15	(E) SE PLUMBING STORAGE		20 A	1			0 VA	0 VA			1	20 A		(E) PAINT SHOP	16
17	(E) ELECTRICAL TEST PANEL		20 A	1					0 VA	0 VA	1	20 A		(E) EMERGENCY BOX	18
19	(E) UNKNOWN		20 A	1	0 VA	0 VA					1	20 A		(E) UNKNOWN	20
21	(E) PLUGS NE/NW WALLS CARP. OFFICE		20 A	1			0 VA	0 VA			1	20 A		(E) UNKNOWN	22
23	(E) WELDING TABLE		20 A	1					0 VA	0 VA	1	20 A		(E) SPARE	24
25	SPACE		--	1	--	--					1	--		SPACE	26
27	SPACE		--	1			--	--			1	--		SPACE	28
29	SPACE		--	1					--	--	1	--		SPACE	30
31															32
33															34
35															36
37															38
39															40
41															42
			Total Load:		0 VA		0 VA		0 VA						
			Total Amps:		**0 A**		**0 A**		**0 A**						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

PANEL A-100 SCHEDULE

LOCATION: FED FROM:
GROUNDING:
EQUIPMENT GROUND BUS

VOLTAGE: **120/208 Wye 3-PH. 4-WIRE**
TYPE: **BOLT-ON**
MOUNTING: **SURFACE**
SKIRTS: **NONE**
A.I.C. RATING:

100 A MCB

CKT #	ITEM	NOTE	AMPS	POLE	A		B		C		POLE	AMPS	NOTE	ITEM	CKT #
1	SPACE		--	1	--	--					1	--		SPACE	2
3	SPACE		--	1			--	--			1	--		SPACE	4
5	SPACE		--	1					--	--	1	--		SPACE	6
7	SPACE		--	1	--	--					1	--		SPACE	8
9	(E) WATER HEATER		30 A	2			0 VA	0 VA			2	20 A		(E) WOOD BAND SAW	10
11	--	--	--	--					0 VA	0 VA	--	--	--	--	12
13	(E) PAINT SHOP FAN		30 A	3	0 VA	0 VA					3	20 A		(E) METAL BAND SAW	14
15	--	--	--	--			0 VA	0 VA			--	--	--	--	16
17	--	--	--	--					0 VA	0 VA	--	--	--	--	18
19	(E) EXHAUST FAN		20 A	3	0 VA	0 VA					3	30 A		(E) TABLE SAW	20
21	--	--	--	--			0 VA	0 VA			--	--	--	--	22
23	--	--	--	--					0 VA	0 VA	--	--	--	--	24
25	(E) UNKNOWN		30 A	3	0 VA	0 VA					3	30 A		(E) DUST COLLECTOR	26
27	--	--	--	--			0 VA	0 VA			--	--	--	--	28
29	--	--	--	--					0 VA	0 VA	--	--	--	--	30
31															32
33															34
35															36
37															38
39															40
41															42
			Total Load:		0 VA		0 VA		0 VA						
			Total Amps:		**0 A**		**0 A**		**0 A**						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

PANEL B101-1 SCHEDULE

LOCATION: FED FROM:
GROUNDING:
EQUIPMENT GROUND BUS

VOLTAGE: **120/208 Wye 3-PH. 4-WIRE**
TYPE: **BOLT-ON**
MOUNTING: **SURFACE**
SKIRTS: **NONE**
A.I.C. RATING:

60 A MCB

CKT #	ITEM	NOTE	AMPS	POLE	A		B		C		POLE	AMPS	NOTE	ITEM	CKT #
1	(E) LITES		20 A	1	0 VA	0 VA					1	20 A		(E) LITES & FAN	2
3	(E) BATT CHARGER		20 A	1			0 VA	0 VA			1	20 A		(E) SPARE	4
5	(E) LITES STORE ROOM		20 A	1					0 VA	0 VA	1	20 A		(E) STORE RM LITE	6
7	(E) BELL XFMR		20 A	1	0 VA	0 VA					1	20 A		(E) DOCK LEVELER	8
9	(E) CARD ACCESS/SECURITY		20 A	1			0 VA	0 VA			1	20 A		(E) PLUG UNDER PANEL	10
11	(E) PLUGS NORTH WALL		20 A	1					0 VA	0 VA	1	20 A		(E) PLUGS - WEST END	12
13	(E) LIGHTS		20 A	1	0 VA	0 VA					1	20 A		(E) PLUGS - WEST	14
15	(E) DOCK LEVELER		20 A	1			0 VA	0 VA			2	20 A		(E) AC	16
17	(E) AC		30 A	2					0 VA	0 VA	--	--	--	--	18
19	--	--	--	--	0 VA	0 VA					1	20 A		(E) RM B-102	20
21	(E) SPACE		--	1			--	0 VA			1	20 A		(E) UNKNOWN	22
23	(E) SPACE		--	1					--	0 VA	1	20 A		(E) UNKNOWN	24
25	(E) MAIN BREAKER		60 A	3	0 VA	--					1	--		SPACE	26
27	--	--	--	--			0 VA	--			1	--		SPACE	28
29	--	--	--	--					0 VA	--	1	--		SPACE	30
31															32
33															34
35															36
37															38
39															40
41															42
			Total Load:		0 VA		0 VA		0 VA						
			Total Amps:		**0 A**		**0 A**		**0 A**						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Revisions: **Date:**

CONSULTANT

Consultant: SÄZÄN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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REGISTERED PROFESSIONAL ENGINEER 51012PE JAN. 9, 2026 CHRISTOPHER LARSON
Expires: 12/31/2026

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title B13 ELECTRICAL PANEL SCHEDULES

Phase Issued For Construction

Project Title Seismic Retrofit and Renovate Building 13

Project Number 653-104

Building Number 13

Approved: **director**

FULLY SPRINKLERED

Location VA Roseburg Healthcare System

Issue Date 04/03/2026 **Checked** CL **Drawn** SW

Drawing Number EP623

VA FORM 08 - 6231

Autodesk Docs://PDX 735-24021 Seismic Retrofit Roseburg for Buildings 11, 13 and 16/735-24021 Roseburg SR Building 13 ETFP V24.rvt 4/3/2026 2:15:16 PM

PANEL B101-1A SCHEDULE

LOCATION: FED FROM:
GROUNDING:
EQUIPMENT GROUND BUS

VOLTAGE: **120/208 Wye 3-PH, 4-WIRE**
TYPE: **BOLT-ON**
MOUNTING: **SURFACE**
SKIRTS: **NONE**
A.I.C. RATING:

100 A MLO

CKT #	ITEM	NOTE	AMPS	POLE	A		B		C		POLE	AMPS	NOTE	ITEM	CKT #
1	(E) DUCT HEATER		20 A	3	0 VA	0 VA					3	20 A		(E) HEAT PUMP	2
3	--	--	--	--			0 VA	0 VA			--	--	--	--	4
5	--	--	--	--					0 VA	0 VA	--	--	--	--	6
7	(E) PLUGS (RESTROOM & OFFICE)		20 A	1	0 VA	0 VA					1	20 A		(E) PLUGS (BREAKROOM)	8
9	(E) WATERCOOLER		20 A	1			0 VA	0 VA			1	20 A		(E) PLUGS (BREAKROOM)	10
11	(E) LIGHTS (CAGE & BREAKROOM)		20 A	1					0 VA	0 VA	1	20 A		(E) REFRIGERATOR OUTLET	12
13	(E) MAIN BREAKER		100 A	3	0 VA	0 VA					1	20 A		(E) DRUG CACHE	14
15	--	--	--	--			0 VA	0 VA			1	20 A		(E) SECURITY	16
17	--	--	--	--					0 VA	0 VA	1	20 A		(E) CAMERA PANEL	18
19	(E) DRUG CACHE HUMIDIFIER		20 A	2	0 VA	0 VA					3	50 A		(E) AU-2 CACHE AIR HANDLER	20
21	--	--	--	--			0 VA	0 VA			--	--	--	--	22
23	SPACE		--	1					--	0 VA	--	--	--	--	24
25	EF-1		20 A	2	200 VA	--					1	--		SPACE	26
27	--	--	--	--			200 VA	--			1	--		SPACE	28
29	SPACE		--	1					--	--	1	--		SPACE	30
31	SPACE		--	1	--	--					1	--		SPACE	32
33	SPACE		--	1			--	--			1	--		SPACE	34
35	SPACE		--	1					--	--	1	--		SPACE	36
37	SPACE		--	1	--	--					1	--		SPACE	38
39	SPACE		--	1			--	--			1	--		SPACE	40
41	SPACE		--	1					--	--	1	--		SPACE	42
				Total Load:	200 VA		200 VA		0 VA						
				Total Amps:	**2 A**		**2 A**		**0 A**						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Mechanical	400 VA	100.00%	400 VA		
				Total Conn. Load:	400 VA
				Total Est. Demand:	400 VA
				Total Conn. Current:	1 A
				Total Est. Demand Current:	1 A

Notes:

PANEL PNL C SCHEDULE

LOCATION: FED FROM:
GROUNDING:
EQUIPMENT GROUND BUS

VOLTAGE: **120/208 Wye 3-PH, 4-WIRE**
TYPE: **BOLT-ON**
MOUNTING: **SURFACE**
SKIRTS: **NONE**
A.I.C. RATING:

60 A MLO

CKT #	ITEM	NOTE	AMPS	POLE	A		B		C		POLE	AMPS	NOTE	ITEM	CKT #
1	(E) REC. 208V		30 A	2	0 VA	0 VA					3	40 A		(E) PANEL D	2
3	--	--	--	--			0 VA	0 VA			--	--	--	--	4
5	(E) HEATER/FANS IN RM. B12		20 A	1					0 VA	0 VA	--	--	--	--	6
7	(E) DRINKING FOUNTAIN		20 A	1	0 VA	0 VA					1	20 A		(E) REC - RM12	8
9	(E) HEATER/FANS IN RM. 12		20 A	1			0 VA	0 VA			1	20 A		(E) NEW PAINT SHACK RA	10
11	(E) RECPT.-ROOM 13		20 A	1					0 VA	0 VA	1	20 A		(E) REC - RM 8-0-5	12
13	(E) LIGHTS - RM 13, WAREHOUSE, BUGGY CHARGER		20 A	1	0 VA	0 VA					1	20 A		(E) REC	14
15	(E) LIGHTS - RM12		20 A	1			0 VA	0 VA			1	20 A		(E) REC - LUNCH RM 12	16
17	(E) LIGHTS - RM8		20 A	1					0 VA	0 VA	2	40 A		(E) LUNCH ROOM APPLIANCES	18
19	(E) DUCTLESS AC UNIT		30 A	2	0 VA	0 VA					--	--	--	--	20
21	--	--	--	--			0 VA	0 VA			1	20 A		(E) GFCI NEXT TO DUCTLESS UNIT	22
23	(E) LUNCH RM. OUTLET WATER/MICRO/TOAST		20 A	1					0 VA	0 VA	1	20 A		SPARE	24
25	(E) AIR COMPESSOR		30 A	3	0 VA	0 VA					1	20 A		SPARE	26
27	--	--	--	--			0 VA	--			1	--		SPACE	28
29	--	--	--	--					0 VA	--	1	--		SPACE	30
31															32
33															34
35															36
37															38
39															40
41															42
				Total Load:	0 VA		0 VA		0 VA						
				Total Amps:	**0 A**		**0 A**		**0 A**						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

PANEL PNL D SCHEDULE

LOCATION: FED FROM:
GROUNDING:
EQUIPMENT GROUND BUS

VOLTAGE: **120/208 Wye 3-PH, 4-WIRE**
TYPE: **BOLT-ON**
MOUNTING: **SURFACE**
SKIRTS: **NONE**
A.I.C. RATING:

40 A MLO

CKT #	ITEM	NOTE	AMPS	POLE	A		B		C		POLE	AMPS	NOTE	ITEM	CKT #
1	(E) LTS		20 A	1	0 VA	0 VA					2	20 A		(E) AC	2
3	(E) LTS		20 A	1			0 VA	0 VA			--	--	--	--	4
5	(E) EXHAUST FAN		20 A	1					0 VA	0 VA	1	20 A		(E) DOCK LEVELER	6
7	(E) COPIER		20 A	1	0 VA	0 VA					1	20 A		(E) HEATER	8
9	(E) REC		20 A	1			0 VA	0 VA			2	20 A		(E) AC	10
11	(E) LTS EXTS.		20 A	1					0 VA	0 VA	--	--	--	--	12
13	(E) LTS EXTS.		20 A	1	0 VA	0 VA					1	20 A		(E) LTS	14
15	(E) SORTER		20 A	1			0 VA	0 VA			1	20 A		(E) LTS	16
17	(E) LTS		20 A	1					0 VA	0 VA	1	20 A		(E) SPARE	18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
				Total Load:	0 VA		0 VA		0 VA						
				Total Amps:	**0 A**		**0 A**		**0 A**						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Revisions:	Date:

CONSULTANT

Consultant: SAZAN GROUP
111 SW Fifth Ave., Ste. 3210
Portland, Oregon 97204
Tel 503.416.2400
Fax 503.416.2087
SAZAN # 735-24021

ARCHITECT/ENGINEER OF RECORD

A/E: Blue Trident, LLC — Engineering and Construction Services
BLUE TRIDENT, LLC
900 Winslow Way E, Suite 130
BAINBRIDGE ISLAND, WA 98110
206-972-0645
EMMANUEL (MANNY) BAUTISTA, PE, F.SAME

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Expires: 12/31/2026

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

Drawing Title: B13 ELECTRICAL PANEL SCHEDULES
Approved: director

Phase: Issued For Construction
FULLY SPRINKLERED

Project Title: Seismic Retrofit and Renovate Building 13
Location: VA Roseburg Healthcare System
Issue Date: 04/03/2026
Checked: CL
Drawn: SW

Project Number: 653-104
Building Number: 13
Drawing Number: EP624

VA FORM 08 - 6231

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