EHRM INFRASTRUCTURE UPGRADES

VAPHS H.J. HEINZ CAMPUS

1010 DELAFIELD RD, PITTSBURGH, PA 15215

BUILDING 52

FINAL BID DOCUMENTS

06.27.2025

DESIGN TEAM

OWNER

VA PITTSBURGH HEALTHCARE SYSTEM UNIVERSITY DRIVE CAMPUS
4100 Allequippa St.
Pittsburgh, PA 15240-1001

VA | U.S. Department of Veterans Affairs

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IMEG
The FUTURE. Built Smarter.

CIVIL ENGINEER

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LANGAN
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CT consultants

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Grand total: 14	

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ARCHITECT/ENGINEER OF RECORD

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Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title
COVER SHEET

Approved:

Phase
FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location
1010 DELAFIELD RD,
PITTSBURGH, PA 15215

Issue Date 06.27.2025
Checked
Drawn

Project Number 646A4-22-700
Building Number 52
Drawing Number 52-GI001
SHEET 290 of 484

VA FORM 08 - 6231

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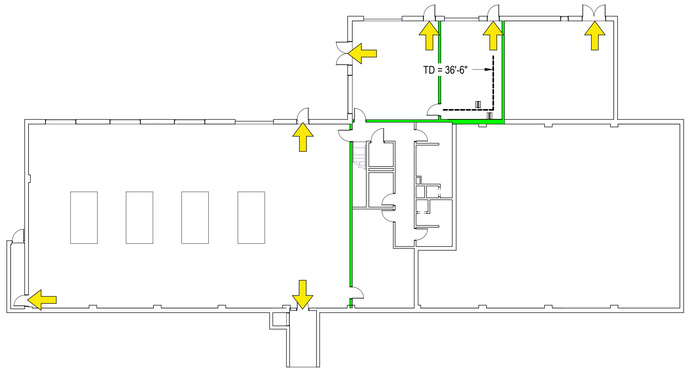
GENERAL NOTES:

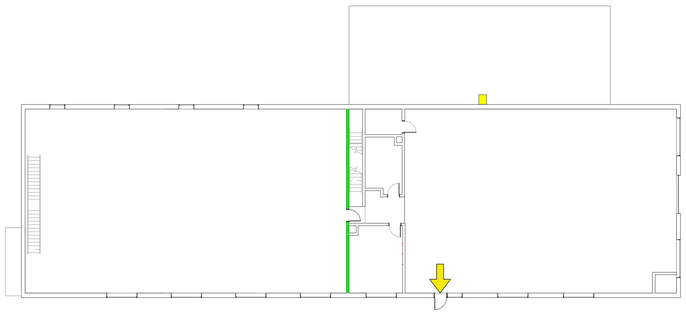
1. THIS IS PROVIDED AS AN OUTLINE OF PROJECT WORK. CONTRACTOR RESPONSIBLE FOR SEQUENCING AND COORDINATION OF PHASING AND REFERENCING REQUIRED GUIDANCE IN THE "VA PITTSBURGH HEALTHCARE SYSTEM (VAPHS) MEDICAL CENTER REQUIREMENTS" STATION MANUAL. REVIEW FOR FURTHER GUIDANCE REGARDING DETAILED SITE ENGAGEMENT REQUIREMENTS. FINAL PHASING DETAILS SUBJECT TO CONTRACTOR MEANS AND METHODS AND SCHEDULE.
2. REFER TO ALL DISCIPLINES, PROJECT MANUALS, AND CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR SHALL MAINTAIN EGRESS PASSAGEWAYS MAIN CORRIDOR, ELEVATOR LOBBY, STAIR EXITS, AND FACILITY EGRESS AND EXIT DOORS DURING PROJECT DURATION.

INFECTION CONTROL ASSESSMENT

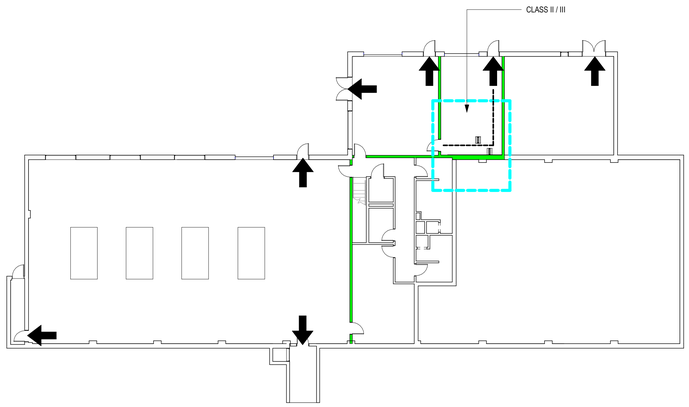
AREA ID	LEVEL	ROOM NUMBER	PROGRAM	ICRA ACTIVITY TYPE	ICRA RISK GROUP	ICRA REQS
		BASEMENT	LEAD			
52	B	BA107	NEW TE	B/C	MED	II / III



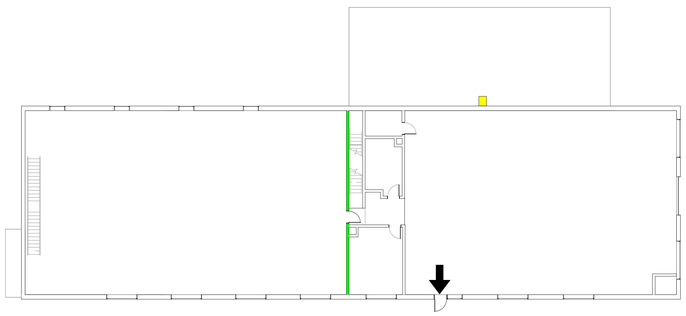
D1 BASEMENT EGRESS PLAN
1/16" = 1'-0"



D5 FIRST FLOOR EGRESS PLAN
1/16" = 1'-0"



F1 BASEMENT SEQUENCE PLAN
1/16" = 1'-0"



F5 FIRST FLOOR SEQUENCE PLAN
1/16" = 1'-0"

SEQUENCE LEGEND

- AREA OF WORK
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- ACCESS PATH
- EXIT

FLS LEGEND

- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- EGRESS PATH
- EXIT
- FIRE CABINET (FEC)

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PLAN NORTH

1/16" = 1'-0" SCALE — 5 0 5 10 15 20 25 30 35 40 FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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STAMP: REGISTERED ARCHITECT PENNSYLVANIA — PETER H. KLOW No. RA-027174

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: EGRESS & SEQUENCE DIAGRAMS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 52
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 52-GI110
		Issue Date: 06.27.2025 / Checked / Drawn	SHEET 291 of 484

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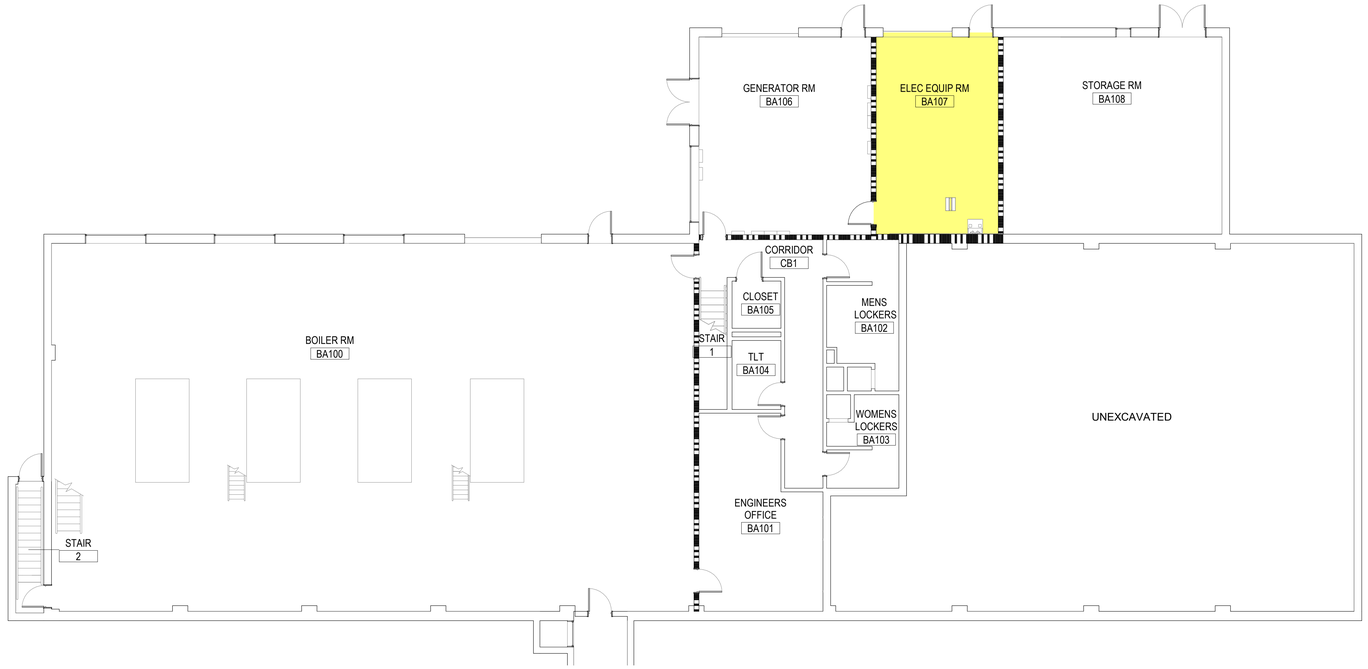
GENERAL NOTES:

BLDG	FLR	ROOM	PROPOSAL	ALT	RACK	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	NSTS VARIANCE
52	B	BA107	NEW TE		2	Proposed.	15'-11"	25'-10"		

ABATEMENT SCHEDULE

ROOM NUMBER	HAZARDOUS MATERIAL	ABATEMENT	ABATEMENT NOTES
BASEMENT	LEAD	POSITIVE	LEAD DETECTED IN PAINT CHIP SAMPLES



F2 OVERALL BASEMENT PLAN
1/8" = 1'-0"

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

Revisions:	Date:

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STEVEN H. KLOW No. RA-025174

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT HAZMAT PLAN

Approved:

Phase: FINAL BID DOCUMENTS

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Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

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Drawing Number: 52-H120

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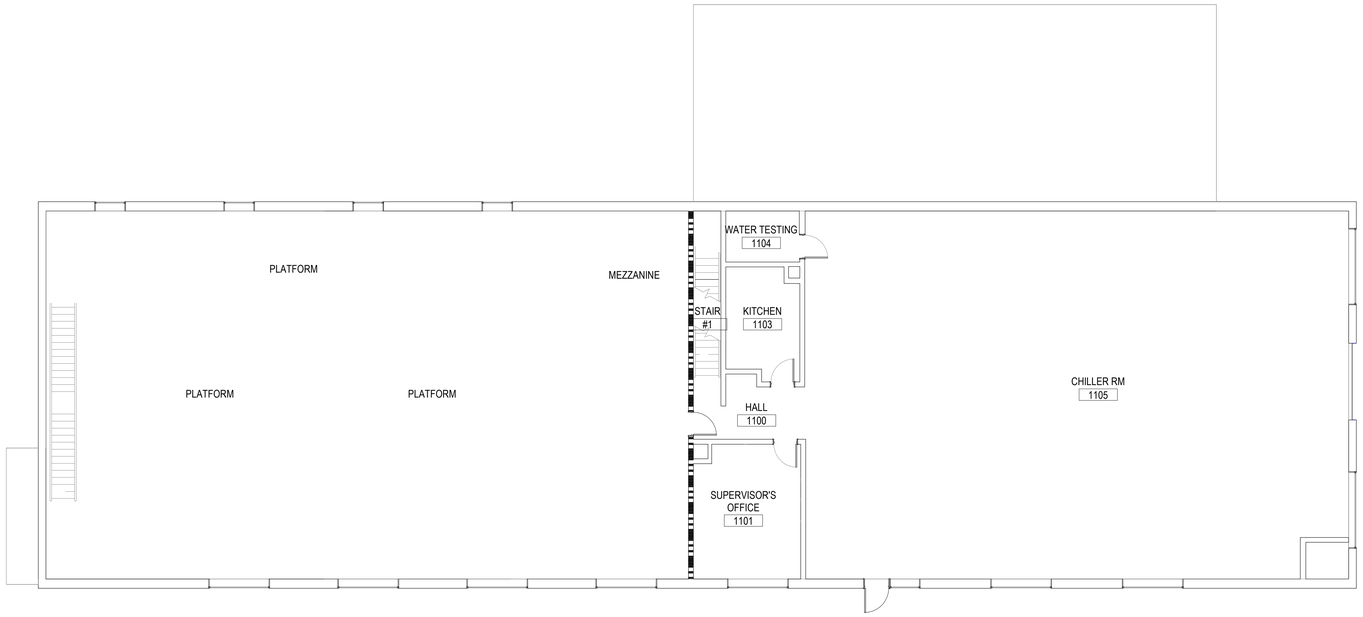
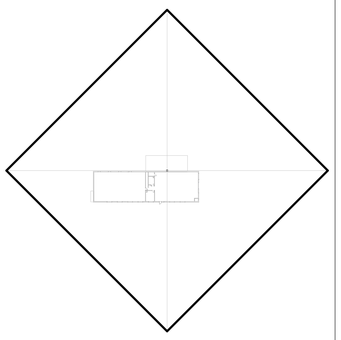
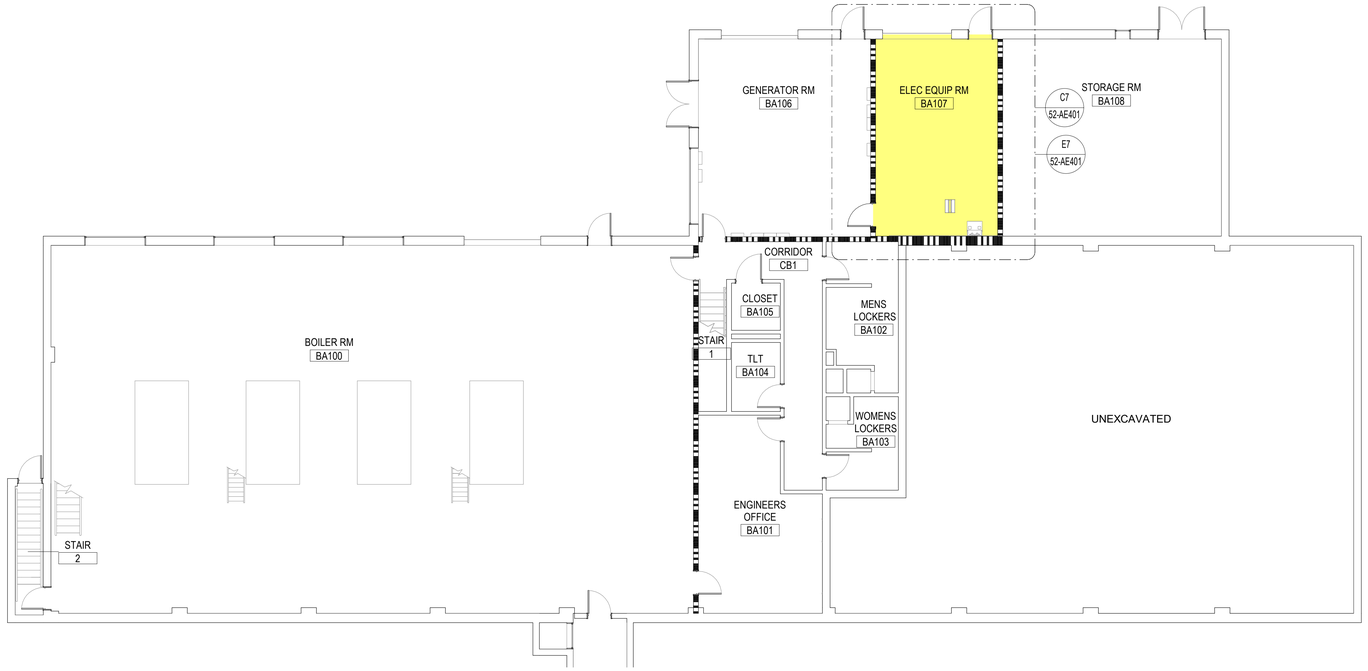
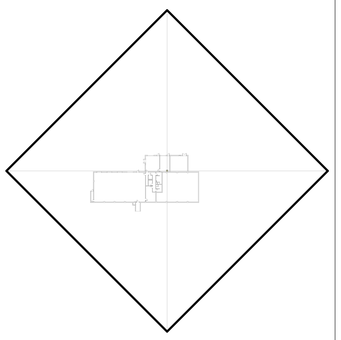




C1 OVERALL FIRST FLOOR PLAN
1/8" = 1'-0"





F1 OVERALL BASEMENT PLAN
1/8" = 1'-0"

GENERAL NOTES:

BLDG	FLR	ROOM	PROPOSAL	ALT	RACK	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
52	B	BA107	NEW TE		2	Proposed.	15'-11"	25'-10"		

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20
SCALE FEET

Revisions:	Date:

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REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA-025141

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Drawing Title: OVERALL BASEMENT & FIRST FLOOR PLANS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 52
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 52-AE120
			SHEET 293 of 484

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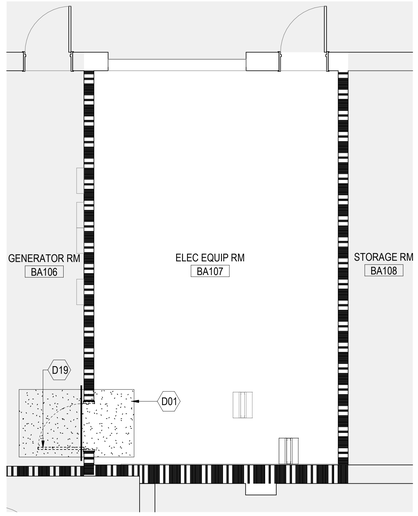
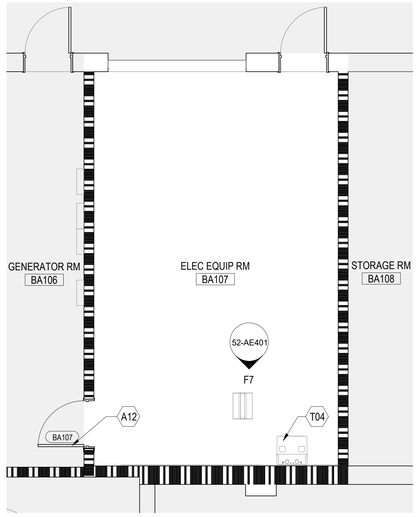
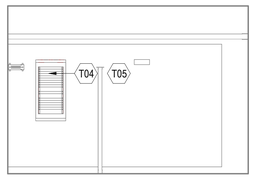


C7 TE BA107 DEMO PLAN
1/4" = 1'-0" REF FROM: F1 / 52-AE120



E7 TE BA107 FLOOR PLAN
1/4" = 1'-0" REF FROM: F1 / 52-AE120



F7 BA107 ELEVATION AT NEW TE
1/4" = 1'-0" REF FROM: E7 / 52-AE401

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
2. ALL INTERIOR PARTITIONS ARE TYPE B3, UNLESS OTHERWISE NOTED. SEE PARTITION TYPES ON SHEET 00-AE520.
3. REFER TO FINISH SCHEDULE FOR MATERIALS SUCH AS TILE AND PANELING APPLIED TO WALLS.
4. CLEAR (CLR) DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, INCLUDING APPLIED FINISHES SUCH AS TILE.
5. DIMENSIONS SHOWN FROM EXISTING WALLS ARE FROM FACE OF FINISH.
6. DIMENSIONS FOR NEW PARTITIONS ARE FROM CENTER LINE OF FRAMING, UNLESS OTHERWISE NOTED.
7. OFFSET STUDS TO ACCOMMODATE MULTIPLE LAYERS OF GYPSUM BOARD, SEE WALL TYPES.
8. SOME SHEET KEYNOTES LISTED BELOW MAY NOT APPLY TO THIS SHEET.
9. DIMENSIONS PRECEDED BY A TILDE (~) ARE APPROXIMATE, SUBJECT TO FIELD VERIFICATION.
10. ASBESTOS MAY BE PRESENT. REFERENCE ASBESTOS REPORTS FOR LOCATION AND MATERIAL DETAIL. REFERENCE SPECIFICATIONS FOR ABATEMENT REQUIREMENTS AS REQUIRED.
11. PATCHES OF EXISTING CORRIDOR OR PUBLIC FACE OF WALLS SHALL BE PAINTED WALL TO WALL TO MATCH EXISTING. TYPICAL.

SHEET NOTES:

A12	DOOR AS SCHEDULED, REFER TO DOOR SCHEDULE SHEET.
D01	PROVIDE WALK OFF MATS AND PLASTIC SHEETING (VISQUEEN) AT CONSTRUCTION AREAS. STARC WALL SYSTEM PANELS OR SIMILAR TEMP PANELS USED WHEN CONSTRUCTION EXCEEDS 48 HRS TYPICAL.
D19	REMOVE DOOR AND FRAME, SALVAGE ALL DOOR HARDWARE AND TURN OVER TO VA. VERIFY FRAMING AND PROVIDE MODIFICATIONS NECESSARY IF DOOR INCREASES IN SIZE, PATCH AND REFINISH ADJACENT FINISHES TO MATCH EXISTING.
T04	WALL MOUNTED TELECOMMUNICATIONS CABINET, REFER TO TELECOMMUNICATION DRAWINGS
T05	TELEPHONE/DATA TERMINAL BACKBOARDS, TYPICAL ALL WALLS, U.O.N. SEE TELECOMMUNICATION DRAWINGS

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LEGEND

- OUT OF SCOPE AREAS, COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THIS AREA
- REMOVE CEILING AND ASSOCIATED SUPPORT AND SEISMIC BRACING, FIXTURES, AND ACCESSORIES, TYPICAL WITHIN DEMOLITION BOUNDARY. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED
- REMOVE GYPSUM BOARD CEILING AND ASSOCIATED SUPPORT/SUSPENSION SYSTEM, FIXTURES, AND ACCESSORIES
- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS

PLAN NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10
SCALE FEET

Revisions:	Date:

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DEAN H. KLOW No. RA024141

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED PLANS - BASEMENT - TE BA107	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 52
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DOOR SCHEDULE - BLDG 52

MARK	FROM	TO	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR FINISH	FRAME TYPE	FRAME FINISH	FIRE RATING	HW NO	DETAILS HEAD	DETAILS JAMB	DETAILS THRESHOLD	COMMENT
Basement														
BA107	GENERATOR RM (BA106)	ELEC EQUIP RM (BA107)	F	3' - 0"	7' - 0"	HM	5B	HM	45 MIN	SH3D	B3/00-AE523	B3/00-AE523	F5/00-AE523	

ABBREVIATIONS USED IN DOOR AND ROOM FINISH SCHEDULES:

ACT	ACOUSTICAL CEILING TILE
ADO	AUTOMATIC DOOR OPERATOR
CLR	COLOR
CONC FLR	CONCRETE FLOOR
EFTR	EXISTING FINISH TO REMAIN
EPY	EPOXY FLOORING
EX	EXISTING
EXP	EXPOSED
ESD	ELECTROSTATIC DISCHARGE FLOORING
FIN	FINISH
GWB	GYPSUM WALLBOARD SYSTEMS
HM	HOLLOW METAL
HT	HEIGHT
HW	HARDWARE SET (FINISH OR BUILDER'S HARDWARE)
LINO	LINOLEUM
MATL	MATERIAL
NO	NUMBER
NR	NON-RATED
P	PAINT (EXTERIOR AND INTERIOR; TRANSPARENT, SEMI-TRANSPARENT, AND OPAQUE FINISHES)
PLYWD	PLYWOOD
PR	PAIR
PRB	PROFILE BASE
RB	RESILIENT BASE (RUBBER OR VINYL WITH FACTORY FORMED INSIDE AND OUTSIDE CORNERS)
RWC	RIGID VINYL WALL COVERING (WALL PROTECTION - ROLL OR SHEET)
SGL	SINGLE
SS	STAINLESS STEEL
SDT	STATIC DISSIPATIVE TILE

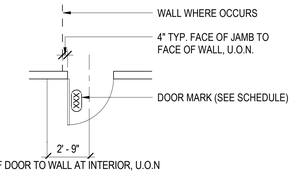
LEGEND:

F - FLUSH DOOR	W.G. - WIRE GLASS
FF - FACTORY FINISH	STL - STEEL
FG - FLUSH DOOR WITH GLAZING	ALUM - ALUMINUM
N - FLUSH DOOR WITH GLAZING	PRE-FIN - PREFINISHED
GL-1T - GLAZING	FIB - FIBERGLASS
HM - HOLLOW METAL	WD - WOOD
T.G. - TEMPERED GLASS	

GENERAL NOTES:

1. ALL DOORS SHALL BE 1 3/4" THICK, UNLESS OTHERWISE NOTED.
2. ALL DOORS SHALL BE FLUSH TOPS AND BOTTOMS, UNLESS OTHERWISE NOTED.
3. ALL DOOR & FRAMES SHALL BE REINFORCED FOR HARDWARE
4. ALL FRAMES SHALL BE SECURED IN WALL TO PREVENT MOVEMENT IN FRAME OR PANEL.
5. REFER TO SPECIFICATIONS FOR ALL HARDWARE SET INFORMATION.
6. COORDINATE FIRE RATED HARDWARE REQUIREMENTS WITH ALL DOOR IDENTIFIED HEREIN WITH FIRE RATING.
7. CONTRACTOR SHALL VERIFY ALL DOOR AND DOOR FRAME DIMENSIONS PRIOR TO ISSUING SUBMITTAL.
8. DOOR CLOSERS ARE REQUIRED AT ALL TR'S AND DATA CENTER.
9. DOOR HARDWARE SUBCONTRACTOR SHALL FIELD VERIFY COMPATIBILITY OF SPECIFIED HARDWARE WITH EXISTING CONDITIONS (DOOR & FRAME TYPE, SWING, EXISTING HARDWARE PREP) PRIOR TO SUBMITTING HARDWARE SCHEDULE FOR VA/ARCHITECT REVIEW AND SHALL ADVISE OF ANY CONFLICTS AND PROPOSE SOLUTIONS.
10. EXISTING DOOR OPENING WIDTHS TO BE FIELD VERIFIED PRIOR TO SUBMITTING VA/ARCHITECT REVIEW AND SHALL ADVISE OF ANY CONFLICTS AND PROPOSE SOLUTIONS.

PLAN INDICATION

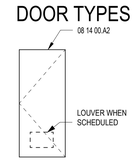


CL OF DOOR TO WALL AT INTERIOR, U.O.N

SINGLE OPENING

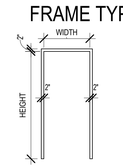
E6 DOOR DETAIL
1/4" = 1'-0"

DOOR TYPES



F

FRAME TYPES



1

UON IF A ROOM IS DECOMMISSIONED IT IS TO BE TO A "VANILLA" FINISH LEVEL:

WALLS ARE FINISHED AND PRIMED OR PAINTED WHITE PER VA DIRECTION
FLOORS ARE FINISHED OR AT LEAST CONCRETE
ALL EXISTING UTILITIES REMAIN STUBBED TO PREMISES AND CAPPED AS NECESSARY
CEILINGS ARE FINISHED WITH BASIC LIGHTING
LIGHTING CONTROLS ARE CONNECTED TO EXISTING SYSTEM
EXISTING DOORS TO REMAIN AS IS
EXISTING SECURITY TO REMAIN AS IS
EXISTING SPRINKLER SYSTEM AS IS

ADDITIONAL NOTES:
WHERE (N) PLYWD WALL CLADDING IS INDICATED, FINISH TO COVER F.F. TO B.O. DECK ABOVE.
WHERE (E) TELEPHONE BACKER BOARDS ARE PRESENT WITH EQUIPMENT TO REMAIN, THESE AREAS TO REMAIN IN PLACE AND (N) PLYWD TO FILL IN AROUND EXISTING.
(N) ACT CEILING TO BE CENTERED IN AREA INSTALLED UON. WHERE ADJACENT TO (E) ACT ALIGN GRIDS TO ADJACENT (E) ACT.

Revisions:	Date:

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GENE H. KLOW No. RA-024

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SCHEDULES AND DIAGRAMS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 52
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 52-AE601
		Issue Date: 06.27.2025 / Checked: / Drawn:	SHEET 295 of 484

VA FORM 08 - 6231

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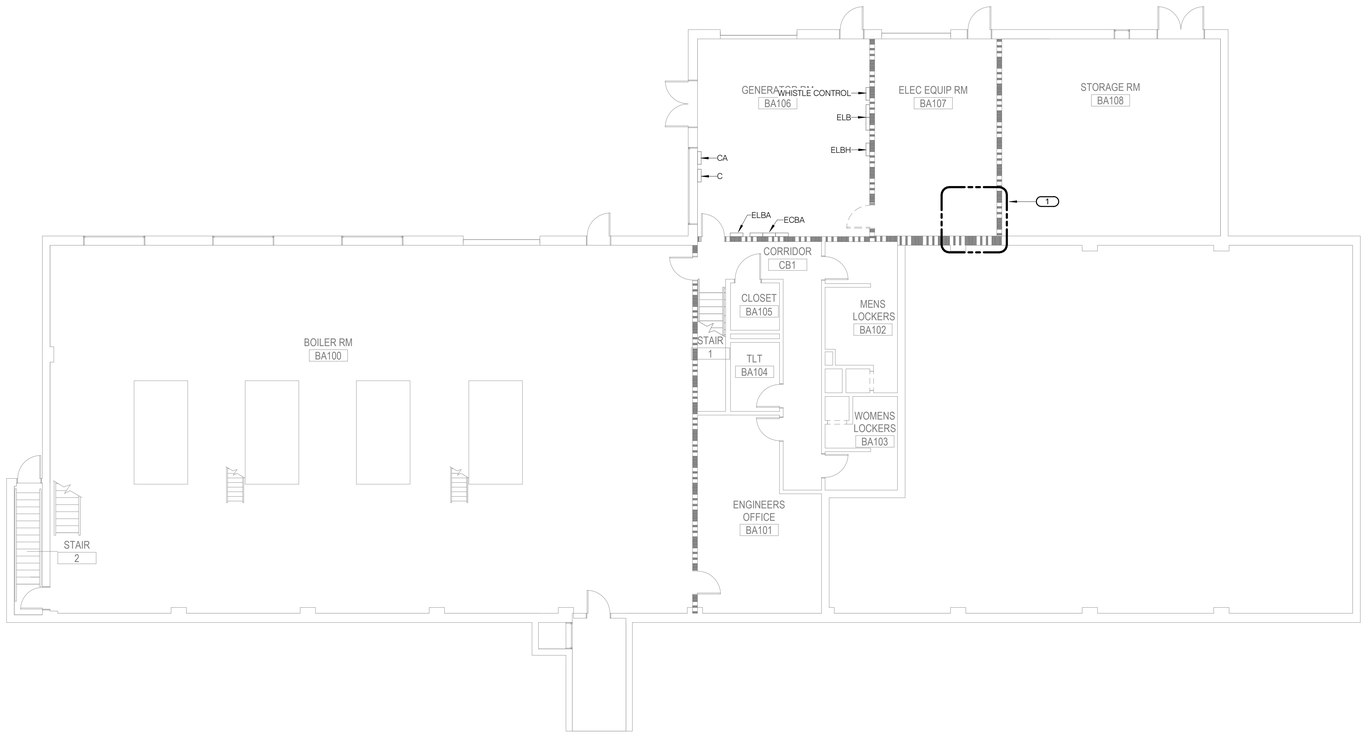

GENERAL NOTES:

A. REFER TO E000 FOR GENERAL NOTES.

B. ALL ELECTRICAL EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

C. ALL HVAC EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

SHEET NOTES:

1. TECHNOLOGY MODIFICATIONS: ALL EXISTING LIGHT FIXTURES, LIGHTING CONTROLS, RECEPTACLES, AND FIRE ALARM DEVICES SHALL REMAIN - CONFIRM THEY ARE IN WORKING ORDER; REPAIR OR REPLACE AS REQUIRED.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20
SCALE FEET

Revisions:	Date:

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No. PE090283
03.18.2026
Exp 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BASEMENT DEMOLITION PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number: 52
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH, PA 15215	Drawing Number: 52-ED100
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 296 of 484

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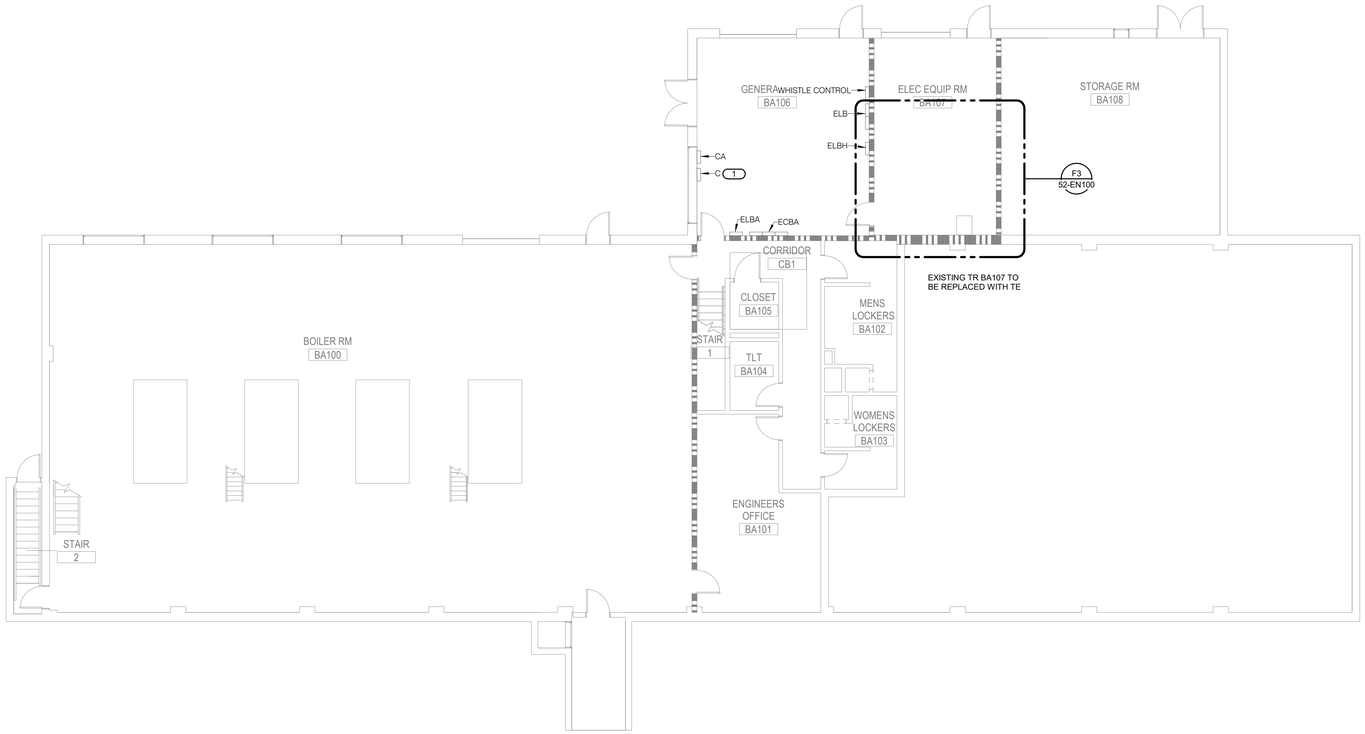
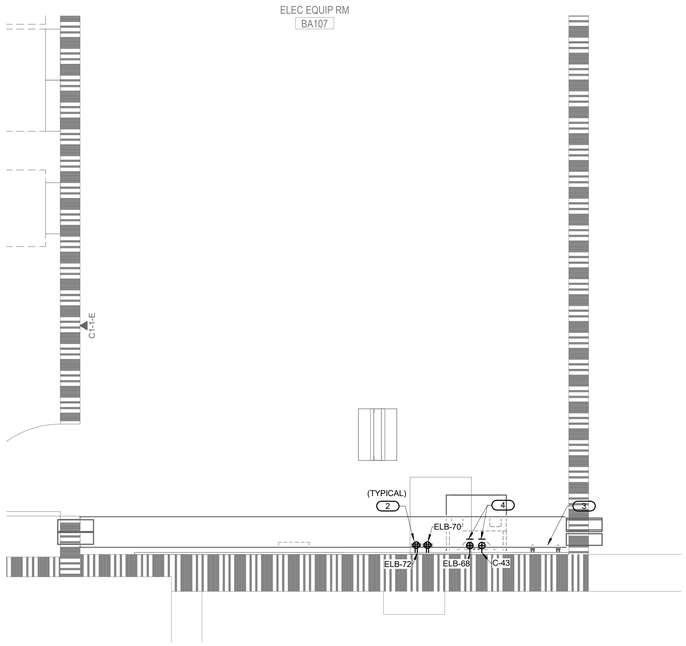


D1 BASEMENT PLAN - ELECTRICAL

1/8" = 1'-0"



F3 ENLARGED PLAN - BASEMENT - TE BA107 - ELECTRICAL

1/2" = 1'-0"

GENERAL NOTES:

A. REFER TO E000 FOR GENERAL NOTES.

B. ALL ELECTRICAL EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

C. ALL HVAC EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

SHEET NOTES:

1. REPLACE EXISTING PANEL WITH A NEW 54 CIRCUIT & 150A MCB PANEL.
2. TYPICAL 120V 20A QUAD RECEPTACLE.
3. SECONDARY GROUND BUSBAR PLACEMENT DETERMINED BY OTHERS.
4. PROVIDE 30 AMP 120 VOLT SINGLE-PHASE TWIST LOCK RECEPTACLE (L5-30R). COORDINATE INSTALLATION LOCATION WITH TELECOMMUNICATIONS CONTRACTOR.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

Revisions:	Date:

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02.10.2026
EXP 09.30.2027

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VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT PLAN - ELECTRICAL	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 52
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH, PA 15215	Drawing Number: 52-EN100
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 297 of 484

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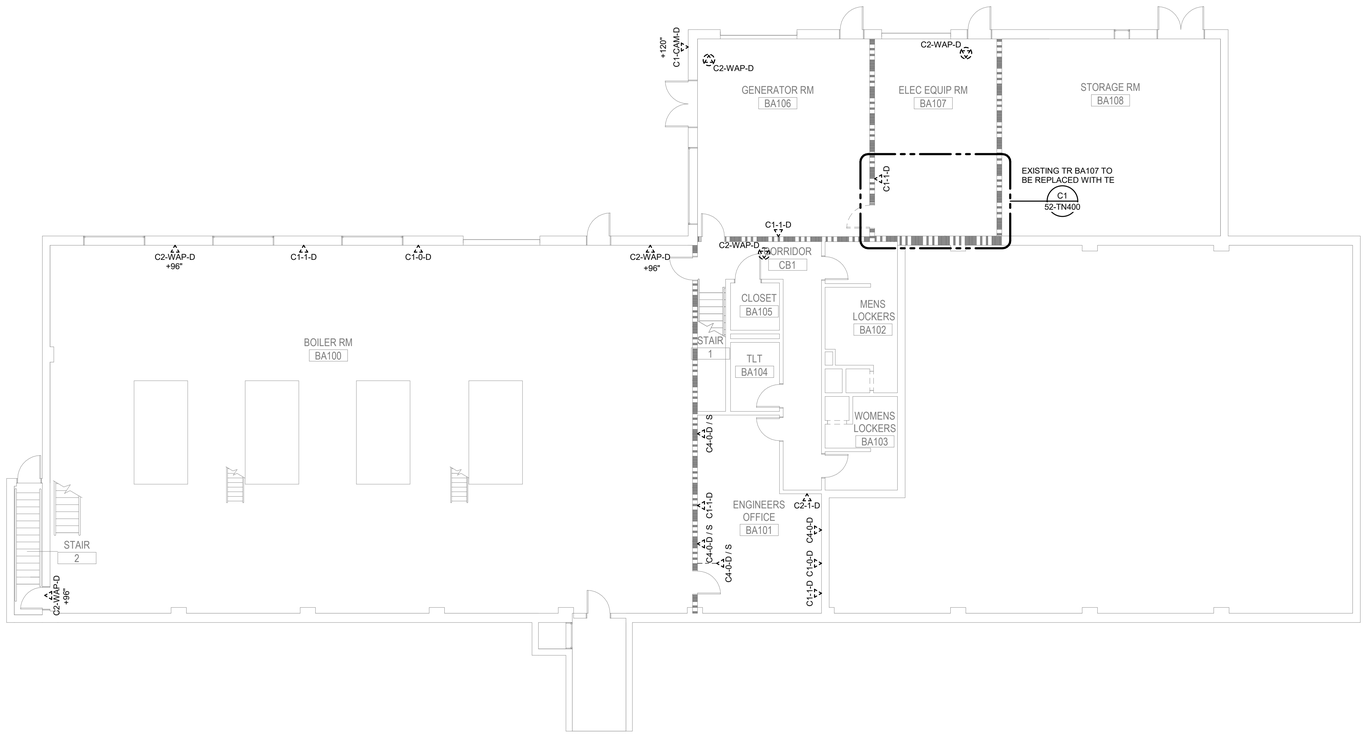

GENERAL NOTES:

1. ALL TELECOMMUNICATIONS ROOMS SHOWN ON THIS SHEET ARE EXISTING ROOMS.
2. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 52-TN101 FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20
SCALE FEET

Revisions:	Date:

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Drawing Title: BASEMENT DEMOLITION PLAN - TECHNOLOGY	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 52
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH, PA 15215	Drawing Number: 52-TD100
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 298 of 484

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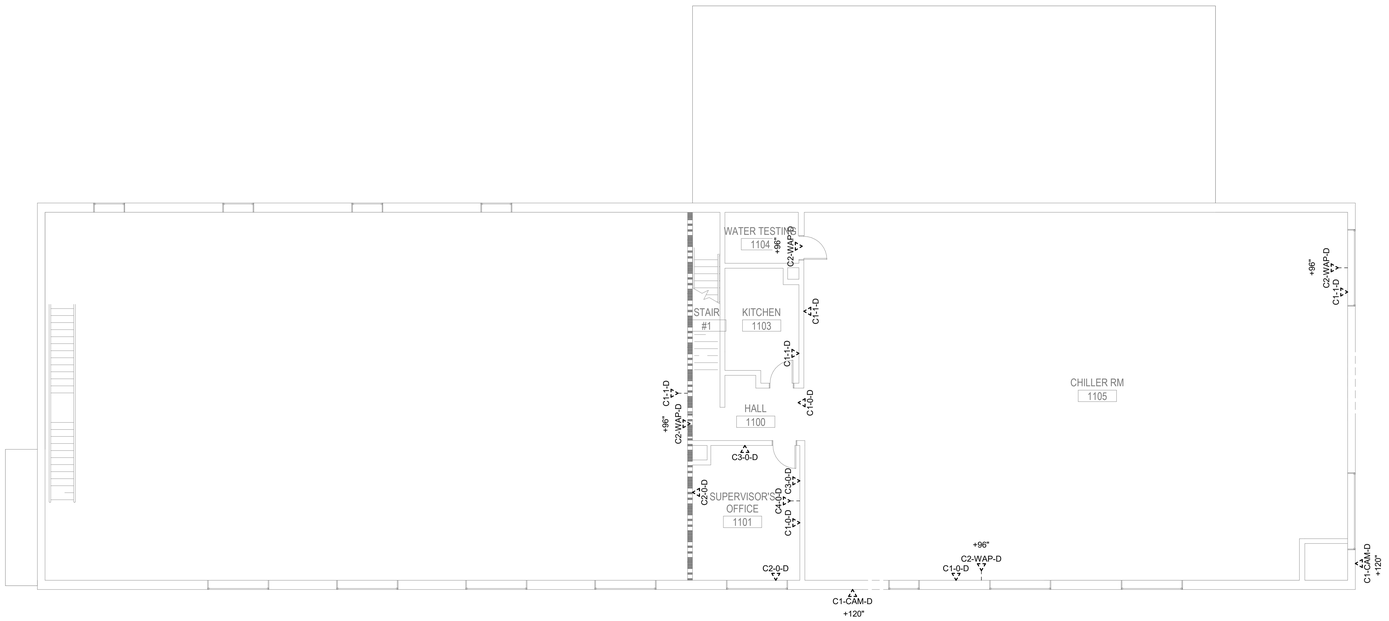

GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 52-TN101 FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20
SCALE FEET

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03.18.2026
Exp 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
GROUND FLOOR DEMOLITION PLAN - TECHNOLOGY	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH, PA 15215	Building Number: 52
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 52-TD101
			SHEET 299 of 484

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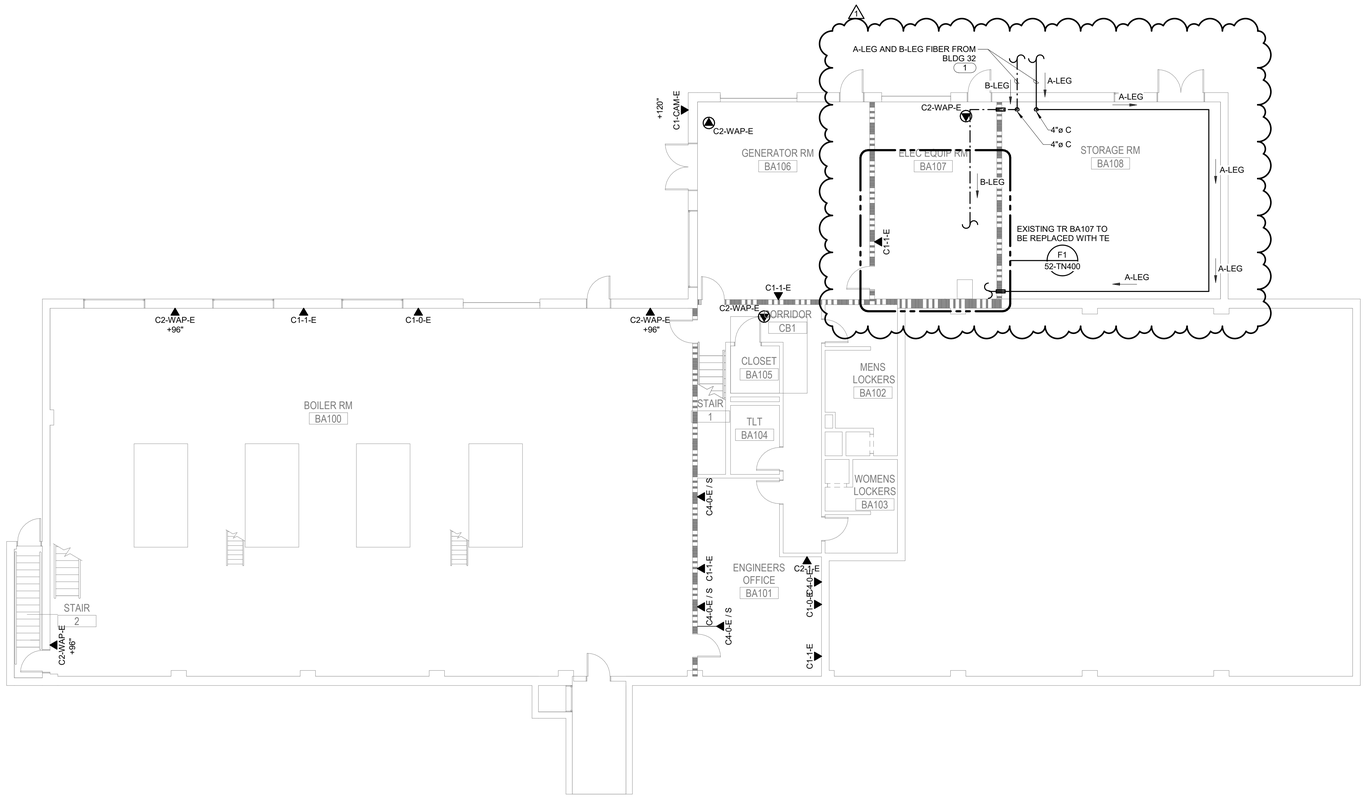

GENERAL NOTES:

1. ALL CALLED OUT REGIONS ARE PROPOSED FUTURE TR/TE LOCATIONS OR EXISTING TR/TE LOCATIONS TO BE EXPANDED.
2. ROUTE ALL STRUCTURED CABLING ON THIS LEVEL TO TE BA107.
3. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 52-TD100 FOR EXISTING BACKBOX LOCATIONS AND ADDITIONAL INFORMATION.
4. THE FIBER OPTIC CABLING ON THIS DRAWINGS DO NOT REPRESENT QUANTITY OR TYPE AND ARE ONLY MEANT TO CONVEY PATHWAY. REFER TO THE OVERALL FIBER OPTIC RISER DIAGRAM ON SHEET 00-TG600 AND THE FIBER OPTIC RISER DIAGRAMS ON SHEETS 00-TG601, 00-TG602, AND 00-TG603 FOR FIBER OPTIC CABLE ROUTING AND QUANTITIES AND ADDITIONAL INFORMATION.

SHEET NOTES:

#

1. REFER TO TECHNOLOGY SITE PLAN ON 00-TS101 FOR CONDUIT SIZING, QUANTITIES, ROUTING INFORMATION, AND ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

1

LINETYPE LEGEND:

- B-LEG FIBER PATHWAY
- A-LEG FIBER PATHWAY

PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20
SCALE FEET

Addendum 1	01/19/2026
Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT PLAN - TECHNOLOGY	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 52
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH, PA 15215	Drawing Number: 52-TN100
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 300 of 484

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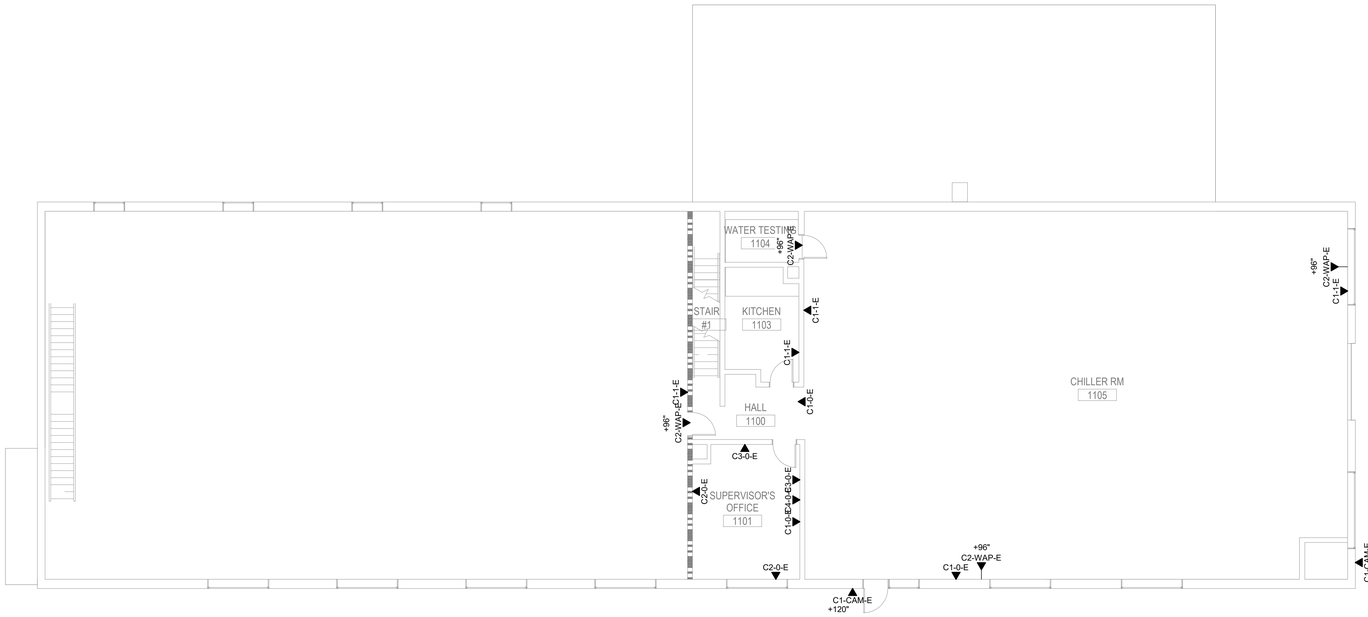

GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 52-TD101 FOR EXISTING BACKBOX LOCATIONS AND ADDITIONAL INFORMATION.
2. ROUTE ALL STRUCTURED CABLING ON THIS SHEET TO TE BA107

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

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Drawing Title: GROUND FLOOR PLAN - TECHNOLOGY	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 52
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH, PA 15215	Drawing Number: 52-TN101
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 301 of 484

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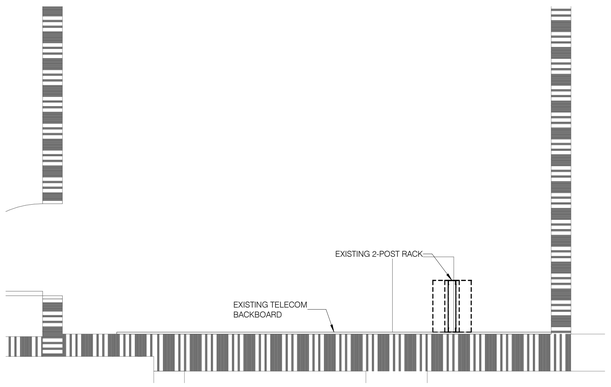
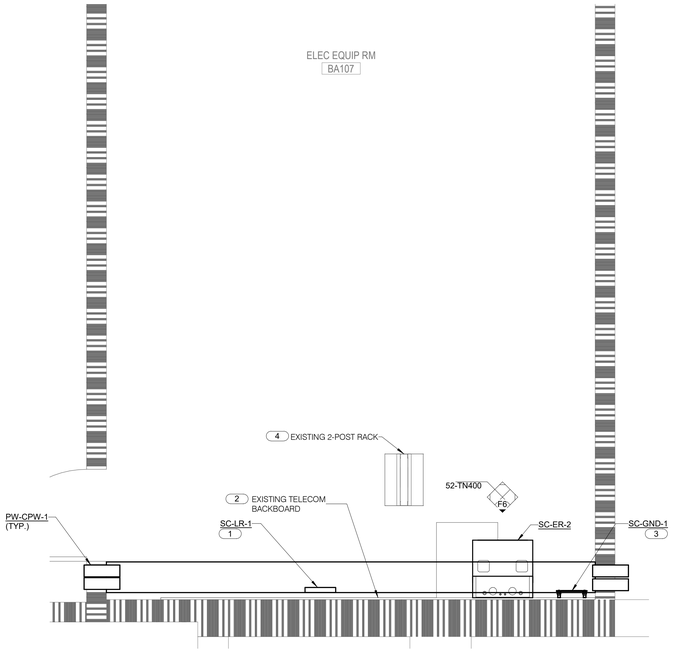


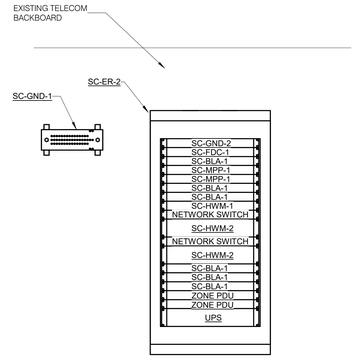
C1 BASEMENT - EXISTING TE BA107 ENLARGED PLAN

1/2" = 1'-0"



F1 BASEMENT - TE BA107 ENLARGED PLAN

1/2" = 1'-0"



F6 BASEMENT - TE BA107 ENLARGED EQUIPMENT RACK ELEVATION

1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SPACE RESERVED FOR SECURITY PANELS IS APPROXIMATE. COORDINATE WITH SECURITY CONTRACTOR FOR SPACE REQUIREMENTS. ANY ADDITIONAL SPACE OUTSIDE THIS AREA WILL NEED TO BE COORDINATED WITH THE COR.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
2. THE FIRE RATED TELEPHONE TERMINAL BOARD (SC-TTB) SHALL COVER ALL THE WALLS WITH TELECOMMUNICATIONS EQUIPMENT AS SHOWN ABOVE. SHOULD THE WALLS REQUIRE TO BE PAINTED, THE PAINT SHALL BE "FIRE SAFE" PAINT. IF PAINTED, THE FIRE RATED LABEL ON EACH BOARD SHALL NOT BE PAINTED.
3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.
4. RACK TO BE TEMPORARILY RELOCATED TO THE INDICATED LOCATION UNTIL DECOMISSIONING.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

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No. PE090283
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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED PLANS - BASEMENT - TE BA107	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH, PA 15215	Building Number: 52
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 52-TN400

SHEET 302 of 484

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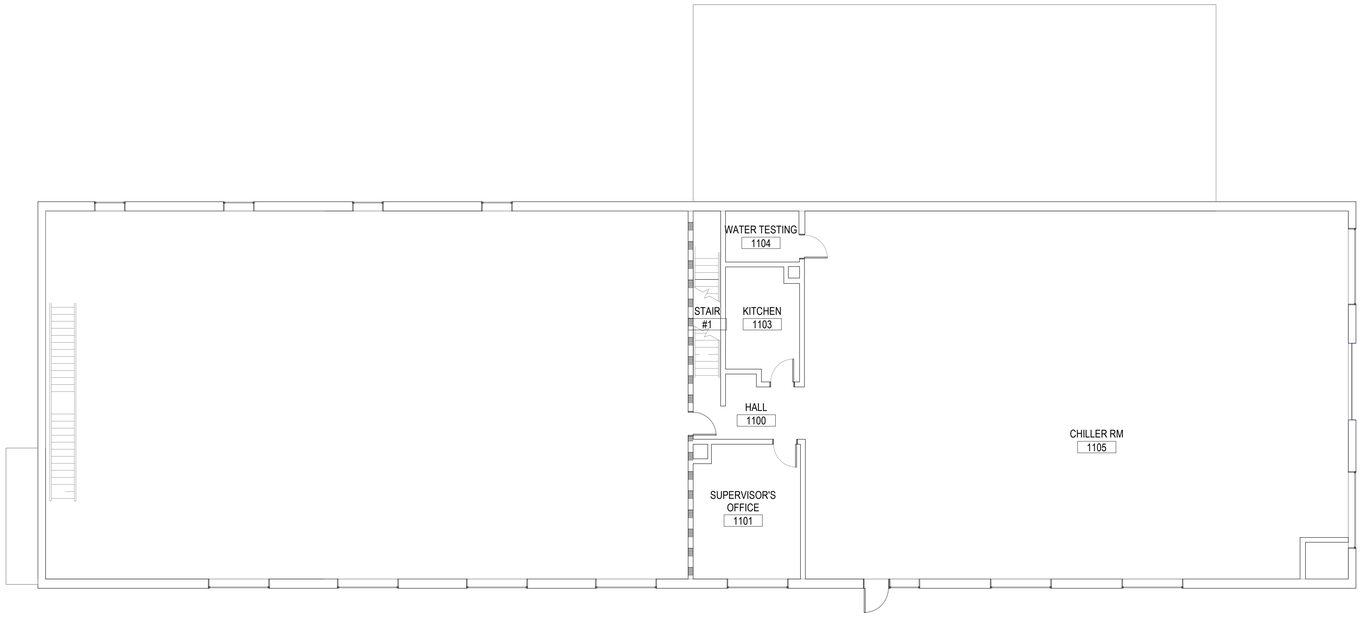
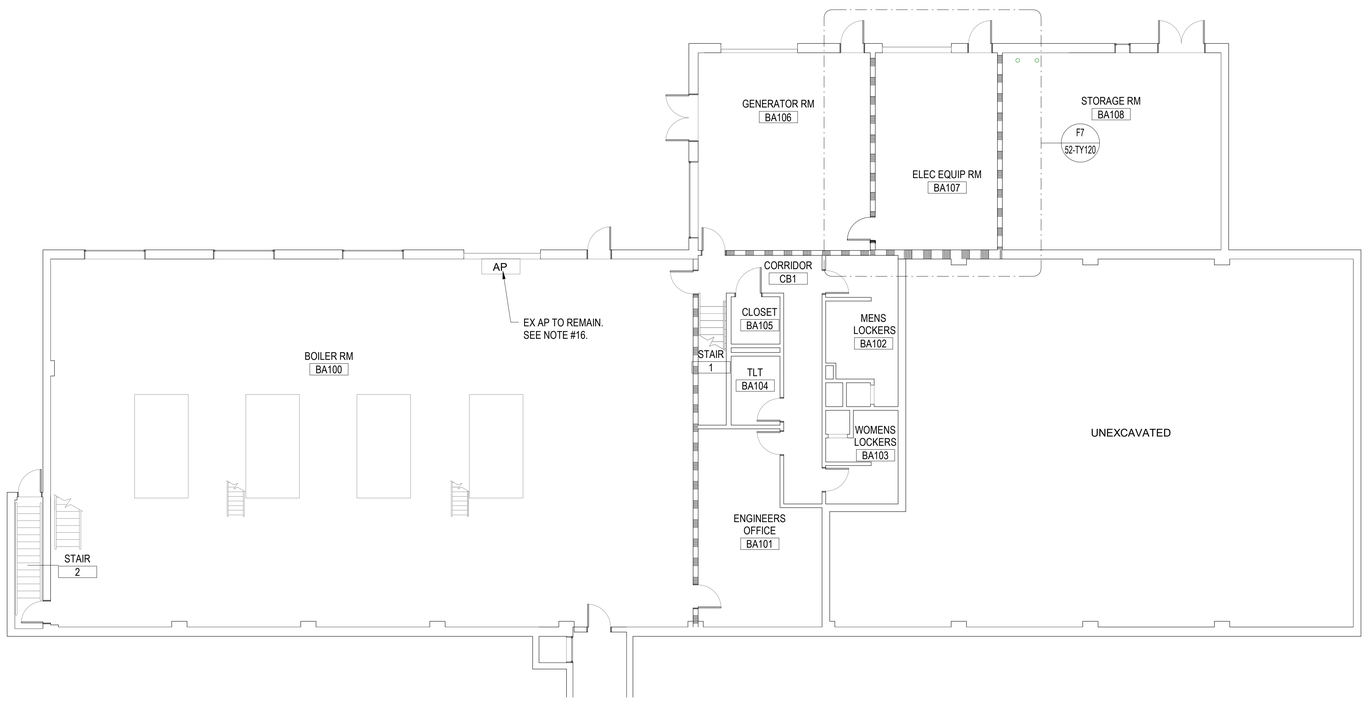
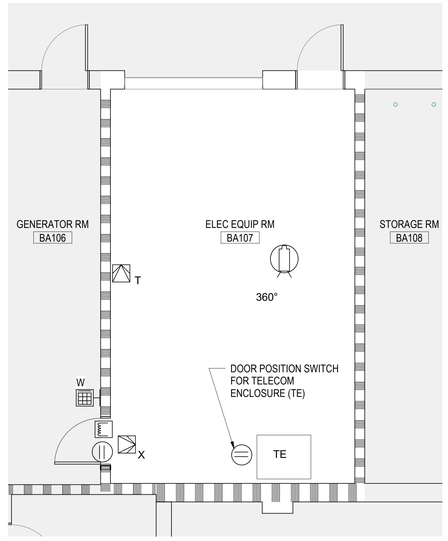


C1 FIRST FLOOR SECURITY PLAN (NO NEW SECURITY WORK)
1/8" = 1'-0"



F1 OVERALL BASEMENT PLAN
1/8" = 1'-0"



F7 SECURITY PLAN - TE BA107
1/4" = 1'-0" REF FROM: F1 / 52-TY120

GENERAL NOTES:

1. COORDINATE MOUNTING HEIGHTS AND INSTALLATION DETAILS WITH ARCHITECTURAL DRAWINGS.
2. BASE BUILDING SECURITY SYSTEM VENDOR IS MILLER INFORMATION SYSTEMS. COORDINATE SECURITY SYSTEM CABINETS, HEAD-ENDS, AND ASSOCIATED INFRASTRUCTURE TO FEED NEW CAMERA AND ACCESS CONTROL DEVICES WITH BASE BUILDING SECURITY VENDOR.
3. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL BY AE WHICH ARE PREPARED BY BASE BUILDING SECURITY SYSTEM VENDOR. DRAWINGS TO INCLUDE ALL NECESSARY COMPONENTS AND BACK-END EQUIPMENT LOCATIONS FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
4. CONTRACTOR SHALL VERIFY IN FIELD EXISTING AVAILABLE SECURITY SWITCHES, HEAD-ENDS AND ASSOCIATED INFRASTRUCTURE. NEW CAMERAS SHALL BE FED FROM NEAREST AVAILABLE SECURITY CABINET. FOR BID PURPOSES, ASSUME 300FT CABLE LENGTH FROM CAMERA TO SECURITY SWITCH.
5. ACCESS CONTROL SYSTEM: NEW ACCESS CONTROL PROVISIONS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
6. SSTV SYSTEM: NEW SECURITY CAMERAS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
7. ALL CONDUIT AND BACK BOXES REQUIRED FOR THE INSTALLATION OF SECURITY DEVICES AND EQUIPMENT TO BE PROVIDED BY DIV. 26 CONTRACTOR. COORDINATE WITH THE VA FACILITIES DEPARTMENT FOR EXACT LOCATION OF DEVICES.
8. REFERENCE ARCHITECTURAL SHEETS FOR ALL LOCK TYPES, ENCLOSURES, FRAME DETAILS AND PATHWAYS.
9. ALL TELECOM RACKS AND ENCLOSURES TO BE PROVIDED BY DIV. 27 CONTRACTOR.
10. ALL SECURITY SWITCHES AND HEAD-END EQUIPMENT IS EXISTING TO REMAIN. EXISTING CAMERAS BEING FED FROM DECOMMISSIONED TELECOM RACKS, PER TELECOM DRAWINGS AND SCOPE, SHALL BE RE-FED FROM NEW/REPLACEMENT RACKS IN NEW TELECOM ROOM LOCATION. COORDINATE WITH TELECOM DRAWINGS FOR MORE INFORMATION.
11. COORDINATE WITH DOOR HARDWARE SCHEDULE IN ARCHITECTURAL DRAWING SET FOR LOCKING MECHANISM TYPE FOR SECURITY INTEGRATION (ELECTRIC LATCH, ELECTRIC STRIKE, MAGNETIC LOCK). PROVIDE ALL HARDWARE AND ACCESSORIES NECESSARY.
12. MOTION DETECTOR REX TO BE PROGRAMMED AND INTEGRATED WITH DOOR HARDWARE TO PREVENT LOCKING OF DOOR IF ROOM IS OCCUPIED. INSTALL REX MOTION SENSOR ABOVE DOOR FRAME. REX TO BE FAIL-SAFE IN EVENT OF DEVICE MALFUNCTION.
13. PROVIDE TRI-TECH MOTION SENSOR IN DATACENTER (SEPARATE FROM REX) FOR ROOM OCCUPANCY MONITORING TIED TO PACS SYSTEM.
14. SUBMIT COMPLETE ACCESS CONTROL AND VIDEO SURVEILLANCE SUBMITTAL PACKAGE PER SPECIFICATION SECTIONS 282300-1.5D AND 281300-1.4D.
15. SECURITY SYSTEM VIDEO STORAGE REQUIREMENTS: 720P, 15IPS, 80% VIDEO MOTION, 30 DAYS.
16. ALL EXISTING ACRE ACCESS CONTROL PANELS TO REMAIN TO FEED NEW SECURITY DEVICES. CONTRACTOR TO VERIFY EXACT LOCATION AND QUANTITY OF AVAILABLE ACP'S AND INCLUDE IN SUBMITTAL PACKAGE TO AE FOR REVIEW.

SYMBOLS LEGEND:

- W — CARD READER WITH KEYPAD (W - WALL MTD)
- 360° — CEILING MTD. CAMERA, 360 DEGREE, W/ SUPPLEMENTAL IR RING.
- ELECTRONIC LOCK
- SECURITY ACCESS, SWITCH, BALANCED MAGNETIC CONTROL
- MOTION DETECTOR
  - T-ROOM OCCUPANCY MOTION SENSOR (TRI-TECH- PIR, MICROWAVE, DOPPLER)
  - X-REQUEST-TO-EXIT MOTION SENSOR (DUAL TECH- PIR, MICROWAVE)

VENDOR CONTACT INFORMATION:

Miller Information Systems
POC: Shane Levdansky
EMAIL: slevdansky@millerinfosys.com
P: 412-781-5000 x308

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/4" = 1'-0" SCALE: 2 0 2 4 6 8 10 FEET

1/8" = 1'-0" SCALE: 5 0 5 10 15 20 FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

A/E:
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: OVERALL BASEMENT & FIRST FLOOR PLANS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 52
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 52-TY120
			SHEET 303 of 484

VA FORM 08 - 6231

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EHRM INFRASTRUCTURE UPGRADES

VAPHS H.J. HEINZ CAMPUS

1010 DELAFIELD RD, PITTSBURGH, PA 15215

BUILDING 53

FINAL BID DOCUMENTS

06.27.2025

DESIGN TEAM

OWNER

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VA | U.S. Department of Veterans Affairs

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LANGAN
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Plymouth, MI 48170
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hsingh@ctconsultants.com
(419) 214-5058

CT consultants

Sheet Index

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53-GI110	EGRESS & SEQUENCE DIAGRAMS
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53-AE401	ENLARGED PLANS - FIRST FLOOR - TE 1A104
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53-EN100	FIRST FLOOR PLAN - ELECTRICAL
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53-TY121	FIRST FLOOR SECURITY PLANS
Grand total: 13	

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			SHEET 304 of 484

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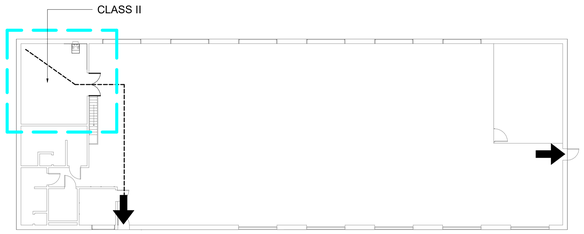
C2 FIRST FLOOR EGRESS PLAN
1/16" = 1'-0"



F2 FIRST FLOOR SEQUENCE PLAN
1/16" = 1'-0"

GENERAL NOTES:

1. THIS IS PROVIDED AS AN OUTLINE OF PROJECT WORK. CONTRACTOR RESPONSIBLE FOR SEQUENCING AND COORDINATION OF PHASING AND REFERENCING REQUIRED GUIDANCE IN THE "VA PITTSBURGH HEALTHCARE SYSTEM (VAPHS) MEDICAL CENTER REQUIREMENTS" STATION MANUAL. REVIEW FOR FURTHER GUIDANCE REGARDING DETAILED SITE ENGAGEMENT REQUIREMENTS. FINAL PHASING DETAILS SUBJECT TO CONTRACTOR MEANS AND METHODS AND SCHEDULE.
2. REFER TO ALL DISCIPLINES, PROJECT MANUALS, AND CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR SHALL MAINTAIN EGRESS PASSAGEWAYS MAIN CORRIDOR, ELEVATOR LOBBY, STAIR EXITS, AND FACILITY EGRESS AND EXIT DOORS DURING PROJECT DURATION.

INFECTION CONTROL ASSESSMENT

AREA ID	LEVEL	ROOM NUMBER	PROGRAM	ICRA ACTIVITY TYPE	ICRA RISK GROUP	ICRA REQS
53	1	1A104	NEW TE	B/C	LOW	II

SEQUENCE LEGEND

- AREA OF WORK
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- ACCESS PATH
- EXIT

FLS LEGEND

- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- EGRESS PATH
- EXIT
- FEC — FIRE CABINET

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PLAN NORTH

1/16" = 1'-0" 5 0 5 10 15 20 25 30 35 40
SCALE FEET

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

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Phase: FINAL BID DOCUMENTS

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Building Number: 53

Drawing Number: 53-GI110

SHEET 305 of 484

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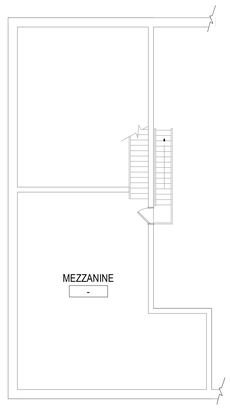
C1 FIRST FLOOR PLAN
1/8" = 1'-0"



C7 MEZZANINE
1/8" = 1'-0"

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
2. FOR NEW DOOR LOCATIONS REFER TO PLAN INDICATION DETAIL E5/53-AE601. LOCATION DIMENSIONS ARE TYPICAL, UNLESS OTHERWISE NOTED
3. REFER TO FINISH SCHEDULE FOR MATERIALS SUCH AS TILE AND PANELING APPLIED TO WALLS.
4. CLEAR (CLR) DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, INCLUDING APPLIED FINISHES SUCH AS TILE.
5. DIMENSIONS SHOWN FROM EXISTING WALLS ARE FROM FACE OF FINISH.
6. DIMENSIONS FOR NEW PARTITIONS ARE FROM CENTER LINE OF FRAMING, UNLESS OTHERWISE NOTED.
7. OFFSET STUDS TO ACCOMMODATE MULTIPLE LAYERS OF GYPSUM BOARD, SEE WALL TYPES.
8. SOME SHEET KEYNOTES LISTED BELOW MAY NOT APPLY TO THIS SHEET.
9. DIMENSIONS PRECEDED BY A TILDE (~) ARE APPROXIMATE, SUBJECT TO FIELD VERIFICATION.

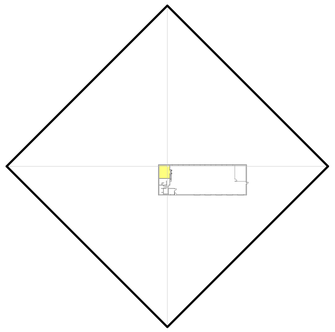
SHEET NOTES:

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LEGEND

- OUT OF SCOPE AREAS, COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THIA AREA
- REMOVE CEILING AND ASSOCIATED SUPPORT AND SEISMIC BRACING, FIXTURES, AND ACCESSORIES, TYPICAL WITHIN DEMOLITION BOUNDARY. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED
- REMOVE GYPSUM BOARD CEILING AND ASSOCIATED SUPPORT/SUSPENSION SYSTEM, FIXTURES, AND ACCESSORIES
- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS



PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

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SHEET 306 of 484

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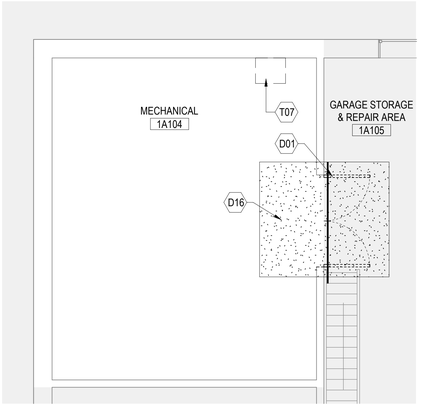
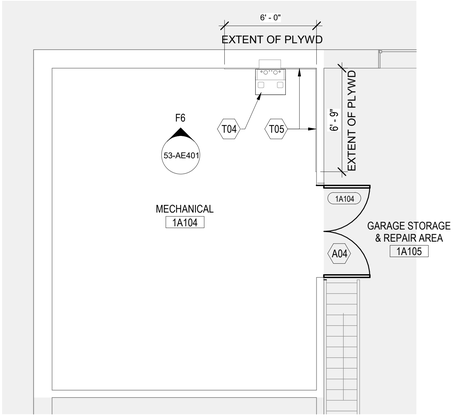


FLOOR PLAN

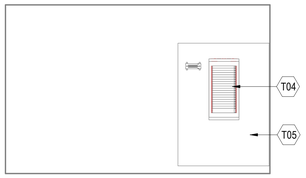
C6 TE 1A104 DEM0 PLAN

1/4" = 1'-0" REF FROM: C1 / 53-AE121



E6 TE 1A104 FLOOR PLAN

1/4" = 1'-0" REF FROM: C1 / 53-AE121



F6 ELEVATION AT NEW TE

1/4" = 1'-0" REF FROM: E6 / 53-AE401

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
2. ALL INTERIOR PARTITIONS ARE TYPE B3, UNLESS OTHERWISE NOTED. SEE PARTITION TYPES ON SHEET 00-AE520.
3. REFER TO FINISH SCHEDULE FOR MATERIALS SUCH AS TILE AND PANELING APPLIED TO WALLS.
4. CLEAR (CLR) DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, INCLUDING APPLIED FINISHES SUCH AS TILE.
5. DIMENSIONS SHOWN FROM EXISTING WALLS ARE FROM FACE OF FINISH.
6. DIMENSIONS FOR NEW PARTITIONS ARE FROM CENTER LINE OF FRAMING, UNLESS OTHERWISE NOTED.
7. OFFSET STUDS TO ACCOMMODATE MULTIPLE LAYERS OF GYPSUM BOARD, SEE WALL TYPES.
8. SOME SHEET KEYNOTES LISTED BELOW MAY NOT APPLY TO THIS SHEET.
9. DIMENSIONS PRECEDED BY A TILDE (~) ARE APPROXIMATE, SUBJECT TO FIELD VERIFICATION.
10. ASBESTOS MAY BE PRESENT. REFERENCE ASBESTOS REPORTS FOR LOCATION AND MATERIAL DETAIL. REFERENCE SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
11. PATCHES OF EXISTING CORRIDOR OR PUBLIC FACE OF WALLS SHALL BE PAINTED WALL TO WALL TO MATCH EXISTING. TYPICAL.

SHEET NOTES:

A04	NEW DOOR. DOOR TO REMAIN IN THE SAME LOCATION AS THE EXISTING DOOR.
D01	REMOVE DOOR AND FRAME, SALVAGE ALL DOOR HARDWARE AND TURN OVER TO VA. VERIFY FRAMING AND PROVIDE MODIFICATIONS NECESSARY IF DOOR INCREASES IN SIZE, PATCH AND REFINISH ADJACENT FINISHES TO MATCH EXISTING.
D16	PROVIDE WALK OFF MATS AND PLASTIC SHEETING (VISQUEEN) AT CONSTRUCTION AREAS .
T04	WALL MOUNTED TELECOMMUNICATIONS CABINET, REFER TO TELECOMMUNICATION DRAWINGS
T05	TELEPHONE/DATA TERMINAL BACKBOARDS, TYPICAL ALL WALLS, U.O.N. SEE TELECOMMUNICATION DRAWINGS
T07	EXISTING TELECOMMUNICATION EQUIPMENT, SEE TELECOMMUNICATION DRAWINGS

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LEGEND

- OUT OF SCOPE AREAS, COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THIA AREA
- REMOVE CEILING AND ASSOCIATED SUPPORT AND SEISMIC BRACING, FIXTURES, AND ACCESSORIES, TYPICAL WITHIN DEMOLITION BOUNDARY. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED
- REMOVE GYPSUM BOARD CEILING AND ASSOCIATED SUPPORT/SUSPENSION SYSTEM, FIXTURES, AND ACCESSORIES
- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS

PLAN NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10 SCALE FEET

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

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Approved:

Phase: FINAL BID DOCUMENTS

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Issue Date: 06.27.2025

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Project Number: 646A4-22-700

Building Number: 53

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SHEET 307 of 484

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DOOR SCHEDULE

FLOOR	MARK	FROM	TO	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR FINISH	FRAME TYPE	FRAME FINISH	FIRE RATING	HW NO	DETAILS HEAD	DETAILS JAMB	DETAILS THRESHOLD	COMMENT
FIRST FLOOR															
FIRST FLOOR	1A104	GARAGE STORAGE & REPAIR AREA (1A105)	MECHANICAL (1A104)	F2	6' - 0"	6' - 8"	HM	1	HM	45 MIN	SH3D	B5/00-AE523	D5/00-AE523	F5/00-AE523	

ABBREVIATIONS USED IN DOOR AND ROOM FINISH SCHEDULES:

ACT	ACOUSTICAL CEILING TILE
ADO	AUTOMATIC DOOR OPERATOR
CLR	COLOR
CONC FLR	CONCRETE FLOOR
EFTR	EXISTING FINISH TO REMAIN
EPY	EPOXY FLOORING
EX	EXISTING
EXP	EXPOSED
ESD	ELECTROSTATIC DISCHARGE FLOORING
FIN	FINISH
GWB	GYPSUM WALLBOARD SYSTEMS
HM	HOLLOW METAL
HT	HEIGHT
HW	HARDWARE SET (FINISH OR BUILDER'S HARDWARE)
LINO	LINOLEUM
MATL	MATERIAL
NO	NUMBER
NR	NON-RATED
P	PAINT (EXTERIOR AND INTERIOR; TRANSPARENT, SEMI-TRANSPARENT, AND OPAQUE FINISHES)
PLYWD	PLYWOOD
PR	PAIR
PRB	PROFILE BASE
RB	RESILIENT BASE (RUBBER OR VINYL WITH FACTORY FORMED INSIDE AND OUTSIDE CORNERS)
RWC	RIGID VINYL WALL COVERING (WALL PROTECTION - ROLL OR SHEET)
SGL	SINGLE
SS	STAINLESS STEEL
SDT	STATIC DISSIPATIVE TILE

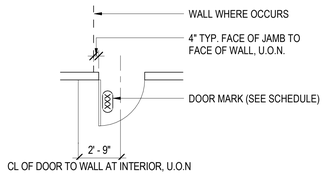
LEGEND:

F - FLUSH DOOR	W.G. - WIRE GLASS
FF - FACTORY FINISH	STL - STEEL
FG - FLUSH DOOR WITH GLAZING	ALUM - ALUMINUM
N - FLUSH DOOR WITH GLAZING	PRE-FIN - PREFINISHED
GL-1T - GLAZING	FIB - FIBERGLASS
HM - HOLLOW METAL	WD - WOOD
T.G. - TEMPERED GLASS	

GENERAL NOTES:

1. ALL DOORS SHALL BE 1 3/4" THICK, UNLESS OTHERWISE NOTED.
2. ALL DOORS SHALL BE FLUSH TOPS AND BOTTOMS, UNLESS OTHERWISE NOTED.
3. ALL DOOR & FRAMES SHALL BE REINFORCED FOR HARDWARE
4. ALL FRAMES SHALL BE SECURED IN WALL TO PREVENT MOVEMENT IN FRAME OR PANEL.
5. REFER TO SPECIFICATIONS FOR ALL HARDWARE SET INFORMATION.
6. COORDINATE FIRE RATED HARDWARE REQUIREMENTS WITH ALL DOOR IDENTIFIED HEREIN WITH FIRE RATING.
7. CONTRACTOR SHALL VERIFY ALL DOOR AND DOOR FRAME DIMENSIONS PRIOR TO ISSUING SUBMITTAL.
8. DOOR CLOSERS ARE REQUIRED AT ALL TR'S AND DATA CENTER.
9. DOOR HARDWARE SUBCONTRACTOR SHALL FIELD VERIFY COMPATIBILITY OF SPECIFIED HARDWARE WITH EXISTING CONDITIONS (DOOR & FRAME TYPE, SWING, EXISTING HARDWARE PREP) PRIOR TO SUBMITTING HARDWARE SCHEDULE FOR VA/ARCHITECT REVIEW AND SHALL ADVISE OF ANY CONFLICTS AND PROPOSE SOLUTIONS.
10. EXISTING DOOR OPENING WIDTHS TO BE FIELD VERIFIED PRIOR TO SUBMITTING VA/ARCHITECT REVIEW AND SHALL ADVISE OF ANY CONFLICTS AND PROPOSE SOLUTIONS.

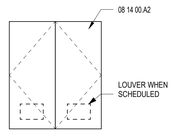
PLAN INDICATION



SINGLE OPENING

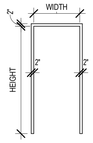
D7 DOOR DETAIL
1/4" = 1'-0"

DOOR TYPES



F2

FRAME TYPES



1

UON IF A ROOM IS DECOMMISSIONED IT IS TO BE TO A "VANILLA" FINISH LEVEL:

WALLS ARE FINISHED AND PRIMED OR PAINTED WHITE PER VA DIRECTION
FLOORS ARE FINISHED OR AT LEAST CONCRETE
ALL EXISTING UTILITIES REMAIN STUBBED TO PREMISES AND CAPPED AS NECESSARY
CEILINGS ARE FINISHED WITH BASIC LIGHTING
LIGHTING CONTROLS ARE CONNECTED TO EXISTING SYSTEM
EXISTING DOORS TO REMAIN AS IS
EXISTING SECURITY TO REMAIN AS IS
EXISTING SPRINKLER SYSTEM AS IS

ADDITIONAL NOTES:
WHERE (N) PLYWD WALL CLADDING IS INDICATED, FINISH TO COVER F.F. TO B.O. DECK ABOVE.
WHERE (E) TELEPHONE BACKER BOARDS ARE PRESENT WITH EQUIPMENT TO REMAIN, THESE AREAS TO REMAIN IN PLACE AND (N) PLYWD TO FILL IN AROUND EXISTING.
(N) ACT CEILING TO BE CENTERED IN AREA INSTALLED UON. WHERE ADJACENT TO (E) ACT ALIGN GRIDS TO ADJACENT (E) ACT.

Revisions:	Date:

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Drawing Title	Phase	Project Title	Project Number
SCHEDULES AND DIAGRAMS	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 53
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 53-AE601

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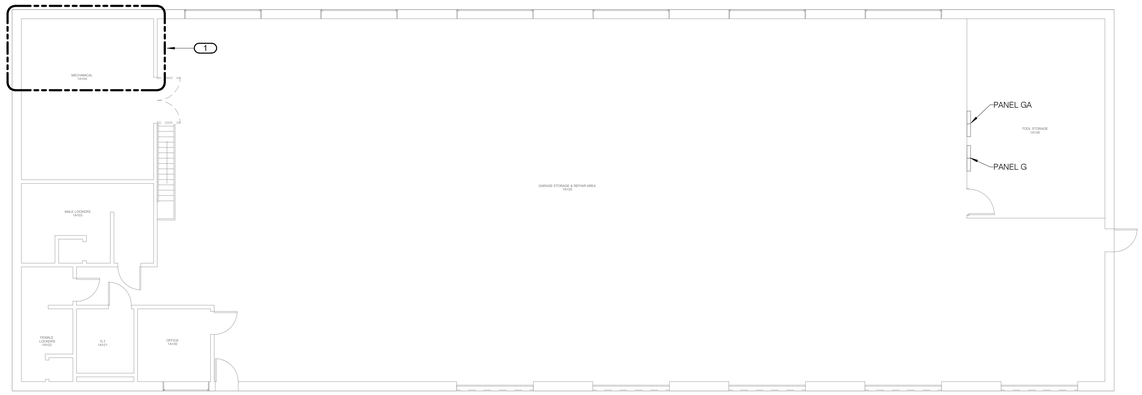

GENERAL NOTES:

A. REFER TO E000 FOR GENERAL NOTES.

B. ALL ELECTRICAL EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

C. ALL HVAC EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

SHEET NOTES:

1. TECHNOLOGY MODIFICATIONS: ALL EXISTING LIGHT FIXTURES, LIGHTING CONTROLS, RECEPTACLES, AND FIRE ALARM DEVICES SHALL REMAIN - CONFIRM THEY ARE IN WORKING ORDER; REPAIR OR REPLACE AS REQUIRED.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20
SCALE FEET

Revisions:	Date:

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ENGINEER
No. PE090283
02-10-2026
EXP 09-30-2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR DEMOLITION PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 53
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	Drawing Number: 53-ED100
			SHEET 309 of 484

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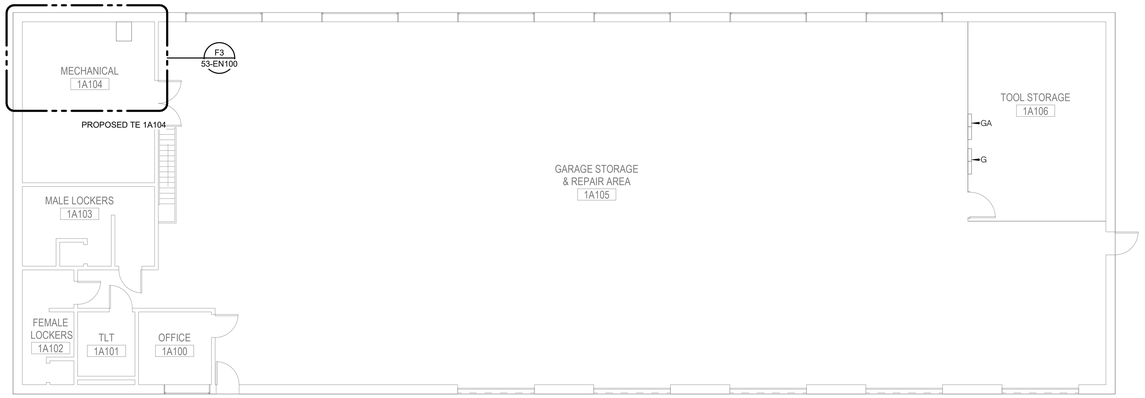
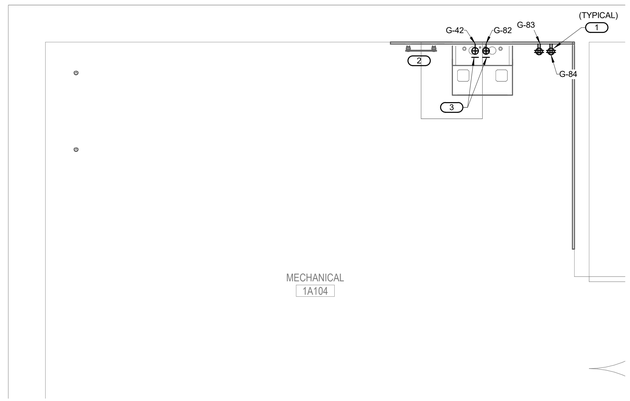


D2 FIRST FLOOR PLAN - ELECTRICAL

1/8" = 1'-0"



F3 ENLARGED PLAN - FIRST FLOOR - TE 1A104 - ELECTRICAL

1/2" = 1'-0"

GENERAL NOTES:

A. REFER TO E000 FOR GENERAL NOTES.

B. ALL ELECTRICAL EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

C. ALL HVAC EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

SHEET NOTES:

1. TYPICAL 120V 20A DUPLEX RECEPTACLE.
2. SECONDARY GROUND BUSBAR PLACEMENT DETERMINED BY OTHERS.
3. PROVIDE 30 AMP 120 VOLT SINGLE-PHASE TWIST LOCK RECEPTACLE (L5-30R). COORDINATE INSTALLATION LOCATION WITH TELECOMMUNICATIONS CONTRACTOR.

PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

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03.10.2026
EXP 09.30.2027

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Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number: 53
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD., PITTSBURGH, PA 15215	Drawing Number: 53-EN100
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 310 of 484

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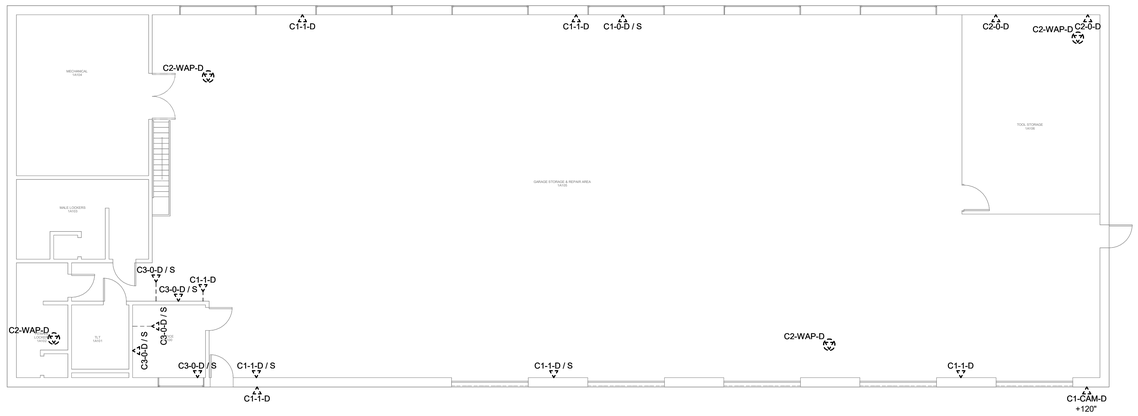
EXISTING TR 1A104 TO
BE REPLACED WITH TE



GENERAL NOTES:

1. ALL TELECOMMUNICATIONS ROOMS SHOWN ON THIS SHEET ARE EXISTING ROOMS.
2. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 53-TN100 FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

Revisions:	Date:

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02.10.2026
EXP 09.30.2027

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Drawing Title: FIRST FLOOR DEMOLITION PLAN - TECHNOLOGY	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 53
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 53-TD100
			SHEET 311 of 484

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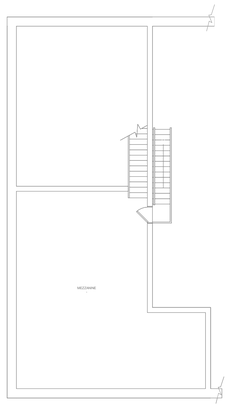

GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 53-TN101 FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

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EXP 09.30.2027

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Drawing Title	MEZZANINE DEMOLITION PLAN - TECHNOLOGY
Approved:	
Phase	FINAL BID DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS
Location	1010 DELAFIELD RD, PITTSBURGH, PA 15215
Issue Date	06.27.2025
Checked	DAVLAR
Drawn	BLARAT
Project Number	646A4-22-700
Building Number	53
Drawing Number	53-TD101
	SHEET 312 of 484

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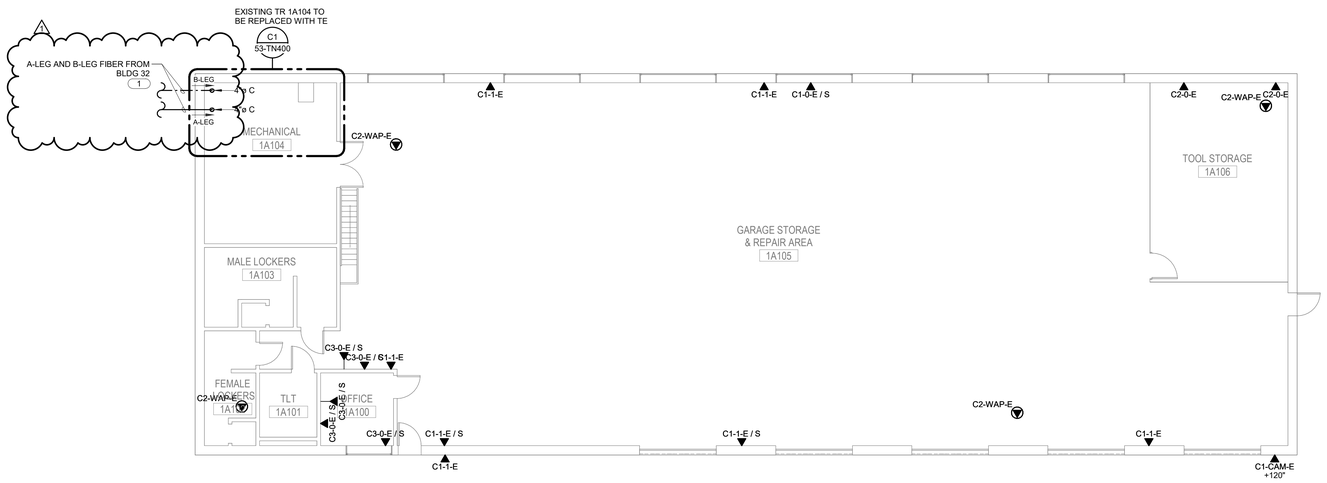

GENERAL NOTES:

1. ALL CALLED OUT REGIONS ARE PROPOSED FUTURE TR/TE LOCATIONS OR EXISTING TR/TE LOCATIONS TO BE EXPANDED.
2. ROUTE ALL STRUCTURED CABLING ON THIS LEVEL TO TE 1A104.
3. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 53-TD100 FOR EXISTING BACKBOX LOCATIONS AND ADDITIONAL INFORMATION.
4. THE FIBER OPTIC CABLING ON THIS DRAWINGS DO NOT REPRESENT QUANTITY OR TYPE AND ARE ONLY MEANT TO CONVEY PATHWAY. REFER TO THE OVERALL FIBER OPTIC RISER DIAGRAM ON SHEET 00-TG600 AND THE FIBER OPTIC RISER DIAGRAMS ON SHEETS 00-TG601, 00-TG602, AND 00-TG603 FOR FIBER OPTIC CABLE ROUTING AND QUANTITIES AND ADDITIONAL INFORMATION.

SHEET NOTES:

1. REFER TO TECHNOLOGY SITE PLAN ON 00-TS101 FOR CONDUIT SIZING, QUANTITIES, ROUTING INFORMATION, AND ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LINETYPE LEGEND:

- B-LEG FIBER PATHWAY
- A-LEG FIBER PATHWAY

PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

Addendum 1	01/19/2026
Revisions:	Date:

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03.19.2026
EXP 09.30.2027

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Drawing Title: FIRST FLOOR PLAN - TECHNOLOGY	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 53
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 53-TN100
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 313 of 484

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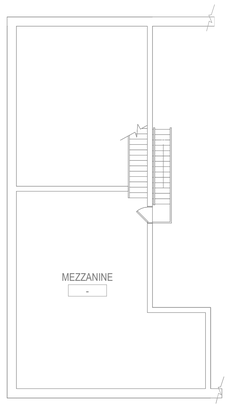

GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 53-TD101 FOR EXISTING BACKBOX LOCATIONS AND ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20
SCALE FEET

Revisions:	Date:

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Drawing Title: MEZZANINE PLAN - TECHNOLOGY	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 53
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 53-TN101
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 314 of 484

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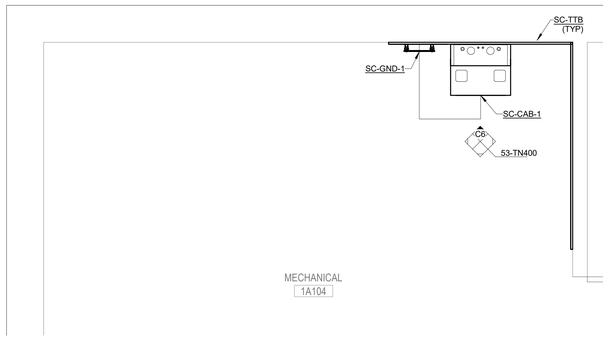
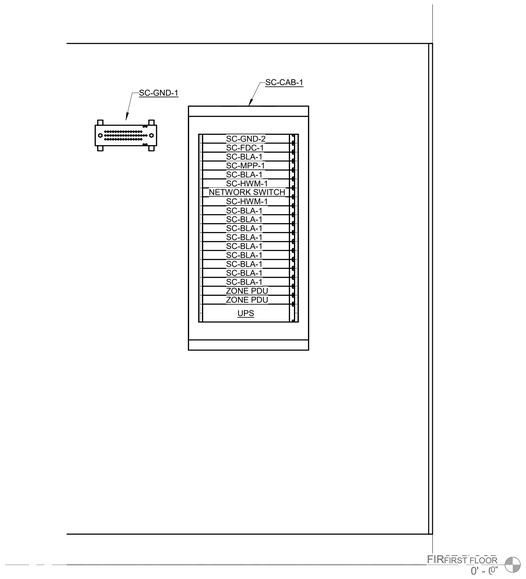


C1 LEVEL 1 - TE 1A104 ENLARGED PLAN

1/2" = 1'-0"



C6 LEVEL 1 - TE 1A104 ENLARGED EQUIPMENT RACK ELEVATION

1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SPACE RESERVED FOR SECURITY PANELS IS APPROXIMATE. COORDINATE WITH SECURITY CONTRACTOR FOR SPACE REQUIREMENTS. ANY ADDITIONAL SPACE OUTSIDE THIS AREA WILL NEED TO BE COORDINATED WITH THE COR.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
2. THE FIRE RATED TELEPHONE TERMINAL BOARD (SC-TTB) SHALL COVER ALL THE WALLS IN THE TELECOMMUNICATIONS ROOMS AS SHOWN ABOVE. SHOULD THE WALLS REQUIRE TO BE PAINTED, THE PAINT SHALL BE "FIRE SAFE" PAINT. IF PAINTED, THE FIRE RATED LABEL ON EACH BOARD SHALL NOT BE PAINTED.
3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

Revisions:	Date:

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03.10.2026
EXP 09.30.2027

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VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - LEVEL 1 - TE1A104	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 53
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 53-TN400
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 315 of 484

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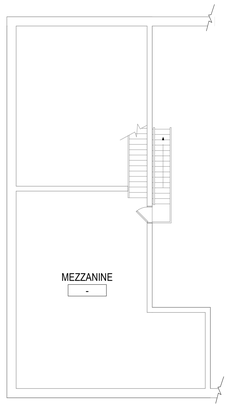
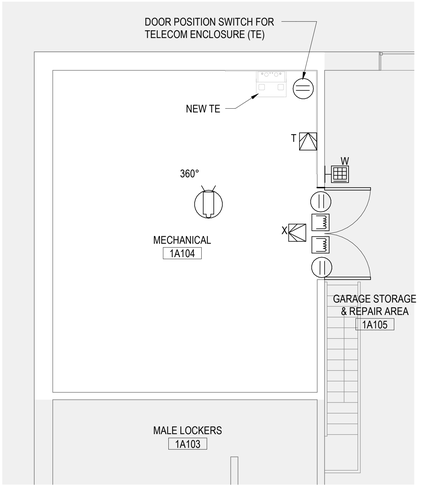
C1 FIRST FLOOR PLAN
1/8" = 1'-0"



C7 MEZZANINE
1/8" = 1'-0"



F7 SECURITY PLAN - TE 1A104
1/4" = 1'-0" REF FROM: C1 / 53-TY121

GENERAL NOTES:

1. COORDINATE MOUNTING HEIGHTS AND INSTALLATION DETAILS WITH ARCHITECTURAL DRAWINGS.
2. BASE BUILDING SECURITY SYSTEM VENDOR IS MILLER INFORMATION SYSTEMS. COORDINATE SECURITY SYSTEM CABINETS, HEAD-ENDS, AND ASSOCIATED INFRASTRUCTURE TO FEED NEW CAMERA AND ACCESS CONTROL DEVICES WITH BASE BUILDING SECURITY VENDOR.
3. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL BY AE WHICH ARE PREPARED BY BASE BUILDING SECURITY SYSTEM VENDOR. DRAWINGS TO INCLUDE ALL NECESSARY COMPONENTS AND BACK-END EQUIPMENT LOCATIONS FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
4. CONTRACTOR SHALL VERIFY IN FIELD EXISTING AVAILABLE SECURITY SWITCHES, HEAD-ENDS AND ASSOCIATED INFRASTRUCTURE. NEW CAMERAS SHALL BE FED FROM NEAREST AVAILABLE SECURITY CABINET. FOR BID PURPOSES, ASSUME 300FT CABLE LENGTH FROM CAMERA TO SECURITY SWITCH.
5. ACCESS CONTROL SYSTEM: NEW ACCESS CONTROL PROVISIONS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
6. SSTV SYSTEM: NEW SECURITY CAMERAS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
7. ALL CONDUIT AND BACK BOXES REQUIRED FOR THE INSTALLATION OF SECURITY DEVICES AND EQUIPMENT TO BE PROVIDED BY DIV. 26 CONTRACTOR. COORDINATE WITH THE VA FACILITIES DEPARTMENT FOR EXACT LOCATION OF DEVICES.
8. REFERENCE ARCHITECTURAL SHEETS FOR ALL LOCK TYPES, ENCLOSURES, FRAME DETAILS AND PATHWAYS.
9. ALL TELECOM RACKS AND ENCLOSURES TO BE PROVIDED BY DIV. 27 CONTRACTOR.
10. ALL SECURITY SWITCHES AND HEAD-END EQUIPMENT IS EXISTING TO REMAIN. EXISTING CAMERAS BEING FED FROM DECOMMISSIONED TELECOM RACKS, PER TELECOM DRAWINGS AND SCOPE, SHALL BE RE-FED FROM NEW/REPLACEMENT RACKS IN NEW TELECOM ROOM LOCATION. COORDINATE WITH TELECOM DRAWINGS FOR MORE INFORMATION.
11. COORDINATE WITH DOOR HARDWARE SCHEDULE IN ARCHITECTURAL DRAWING SET FOR LOCKING MECHANISM TYPE FOR SECURITY INTEGRATION (ELECTRIC LATCH, ELECTRIC STRIKE, MAGNETIC LOCK). PROVIDE ALL HARDWARE AND ACCESSORIES NECESSARY.
12. MOTION DETECTOR REX TO BE PROGRAMMED AND INTEGRATED WITH DOOR HARDWARE TO PREVENT LOCKING OF DOOR IF ROOM IS OCCUPIED. INSTALL REX MOTION SENSOR ABOVE DOOR FRAME. REX TO BE FAIL-SAFE IN EVENT OF DEVICE MALFUNCTION.
13. PROVIDE TRI-TECH MOTION SENSOR IN DATACENTER (SEPARATE FROM REX) FOR ROOM OCCUPANCY MONITORING TIED TO PACS SYSTEM.
14. SUBMIT COMPLETE ACCESS CONTROL AND VIDEO SURVEILLANCE SUBMITTAL PACKAGE PER SPECIFICATION SECTIONS 282300-1.5D AND 281300-1.4D.
15. SECURITY SYSTEM VIDEO STORAGE REQUIREMENTS: 720P, 15IPS, 80% VIDEO MOTION, 30 DAYS.
16. ALL EXISTING ACRE ACCESS CONTROL PANELS TO REMAIN TO FEED NEW SECURITY DEVICES. CONTRACTOR TO VERIFY EXACT LOCATION AND QUANTITY OF AVAILABLE ACP'S AND INCLUDE IN SUBMITTAL PACKAGE TO AE FOR REVIEW.

SYMBOLS LEGEND:

- W — CARD READER WITH KEYPAD (W - WALL MTD)
- 360° — CEILING MTD. CAMERA, 360 DEGREE, W/ SUPPLEMENTAL IR RING.
- E — ELECTRONIC LOCK
- SECURITY ACCESS, SWITCH, BALANCED MAGNETIC CONTROL
- MOTION DETECTOR
  - T-ROOM OCCUPANCY MOTION SENSOR (TRI-TECH- PIR, MICROWAVE, DOPPLER)
  - X-REQUEST-TO-EXIT MOTION SENSOR (DUAL TECH- PIR, MICROWAVE)

VENDOR CONTACT INFORMATION:

Miller Information Systems
POC: Shane Levdansky
EMAIL: slevdansky@millerinfosys.com
P: 412-781-5000 x308

PLAN NORTH

1/4" = 1'-0" SCALE 2 0 2 4 6 8 10 FEET

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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GARY H. KLOW No. RA-024124

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR SECURITY PLANS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 53
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 53-TY121
			SHEET 316 of 484

VA FORM 08 - 6231

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EHRM INFRASTRUCTURE UPGRADES

VAPHS H.J. HEINZ CAMPUS

1010 DELAFIELD RD, PITTSBURGH PA 15215

BUILDING 69

FINAL BID DOCUMENTS

06.27.2025

DESIGN TEAM

OWNER

VA PITTSBURGH HEALTHCARE SYSTEM UNIVERSITY DRIVE CAMPUS
4100 Allequippa St.
Pittsburgh, PA 15240-1001

VA | U.S. Department of Veterans Affairs

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acarr@awensolutions.com
(720) 703-0640

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

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IMEG Corp.
15 Sunnen Drive Suite 104
St. Louis, MO 63143
Contact: David Larson
David.L.Larson@imegcorp.com
(314) 951-2530

IMEG
The FUTURE. Built Smarter.

CIVIL ENGINEER

Langan Engineering and Environmental Services
2400 Arsenal Drive, Suite 403
Canonsburg, PA 15317
Contact: Erminio Genoese, PE
Egenoese@langan.com
Direct: (724) 514-5143
Mobile: (717) 586-5679

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

ENVIRONMENTAL ENGINEER

CT Consultants, Inc.
44265 Plymouth Oaks Blvd
Plymouth, MI 48170
Contact: Harjot Singh
hsingh@ctconsultants.com
(419) 214-5058

CT consultants

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69-TY120	FIRST & SECOND FLOOR SECURITY PLANS
TOTAL: 36	

Revisions:	Date:

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REGISTERED ARCHITECT PENNSYLVANIA
GENE H. KLOW No. RA401141

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title COVER SHEET	**Phase** FINAL BID DOCUMENTS	**Project Title** EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	**Project Number** 646A4-22-700
Approved:	FULLY SPRINKLERED	**Location** 1010 DELAFIELD RD, PITTSBURGH PA 15215	**Building Number** 69
		Issue Date 06.27.2025 / **Checked** / **Drawn**	**Drawing Number** 69-GI001
			SHEET 317 of 484

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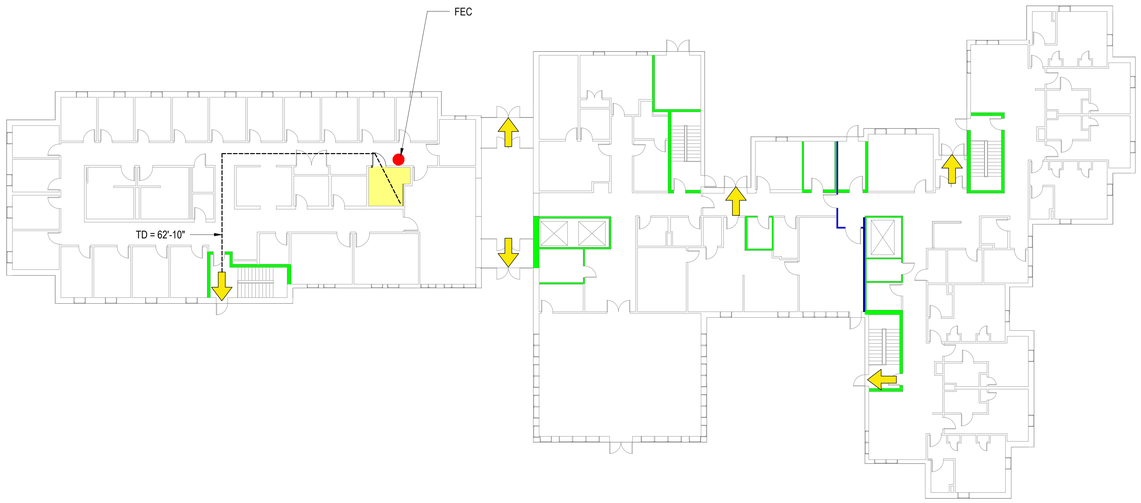
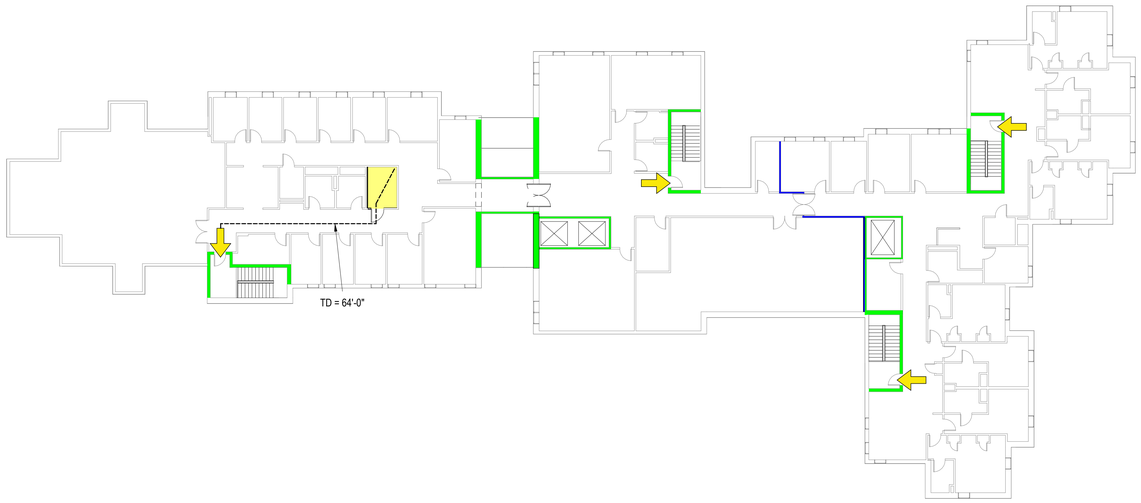


C2 FIRST FLOOR EGRESS PLAN
1/16" = 1'-0"



F2 SECOND FLOOR EGRESS PLAN
1/16" = 1'-0"

GENERAL NOTES:

FLS LEGEND

- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- EGRESS PATH
- EXIT
- FEC — FIRE CABINET

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PLAN NORTH
TRUE NORTH

1/16" = 1'-0" SCALE: 5 0 5 10 15 20 25 30 35 40 FEET

Revisions:	Date:

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Drawing Title: EGRESS DIAGRAMS

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH PA 15215

Issue Date: 06.27.2025

Checked

Drawn

Project Number: 646A4-22-700

Building Number: 69

Drawing Number: 69-GI110

SHEET 318 of 484

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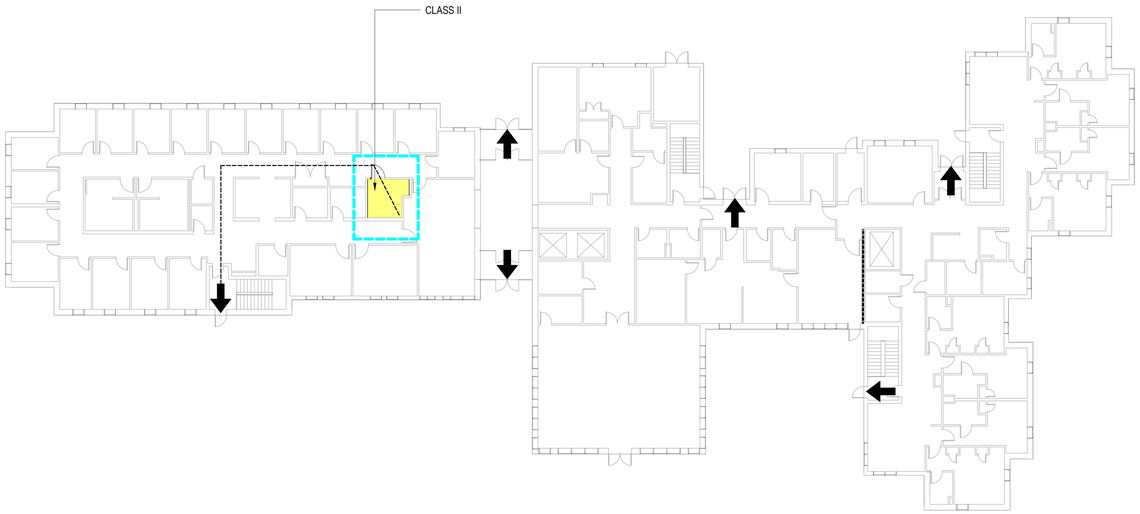
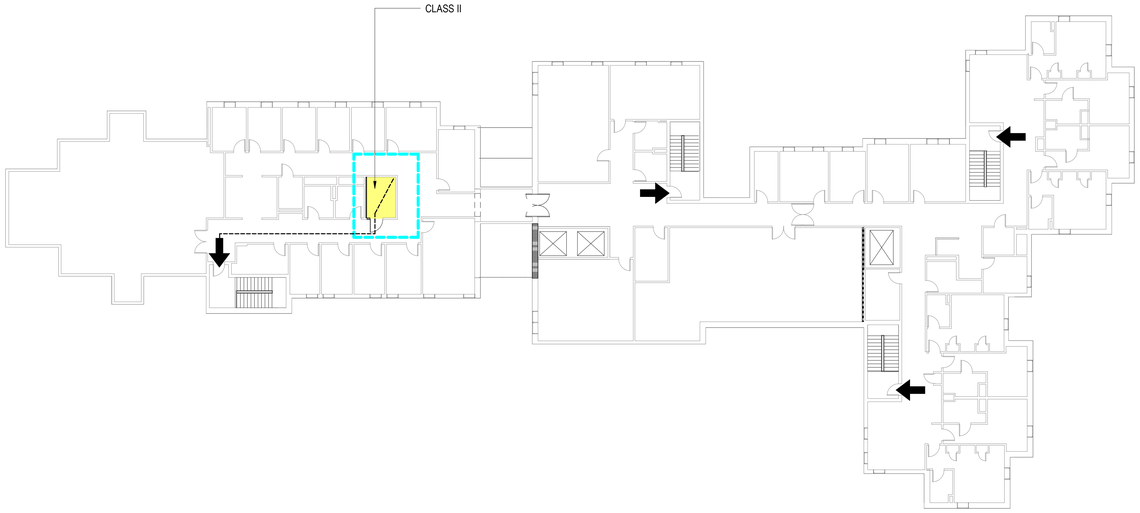


C2 FIRST FLOOR SEQUENCE PLAN
1/16" = 1'-0"



F2 SECOND FLOOR SEQUENCE PLAN
1/16" = 1'-0"

GENERAL NOTES:

1. THIS IS PROVIDED AS AN OUTLINE OF PROJECT WORK. CONTRACTOR RESPONSIBLE FOR SEQUENCING AND COORDINATION OF PHASING AND REFERENCING REQUIRED GUIDANCE IN THE "VA PITTSBURGH HEALTHCARE SYSTEM (VAPHS) MEDICAL CENTER REQUIREMENTS" STATION MANUAL. REVIEW FOR FURTHER GUIDANCE REGARDING DETAILED SITE ENGAGEMENT REQUIREMENTS. FINAL PHASING DETAILS SUBJECT TO CONTRACTOR MEANS AND METHODS AND SCHEDULE.
2. REFER TO ALL DISCIPLINES, PROJECT MANUALS, AND CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR SHALL MAINTAIN EGRESS PASSAGEWAYS MAIN CORRIDOR, ELEVATOR LOBBY, STAIR EXITS, AND FACILITY EGRESS AND EXIT DOORS DURING PROJECT DURATION.

INFECTION CONTROL ASSESSMENT

AREA ID	LEVEL	ROOM NUMBER	PROGRAM	ICRA ACTIVITY TYPE	ICRA RISK GROUP	ICRA REQS
69	1	1A131	REMAIN	C	LOW	II
69	2	2A104	REMAIN	C	LOW	II

SEQUENCE LEGEND

- AREA OF WORK
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- ACCESS PATH
- EXIT

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PLAN NORTH
TRUE NORTH

1/16" = 1'-0" 5 0 5 10 15 20 25 30 35 40
SCALE FEET

Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SEQUENCE DIAGRAMS

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH PA 15215

Issue Date: 06.27.2025

Checked

Drawn

Project Number: 646A4-22-700

Building Number: 69

Drawing Number: 69-GI115

SHEET 319 of 484

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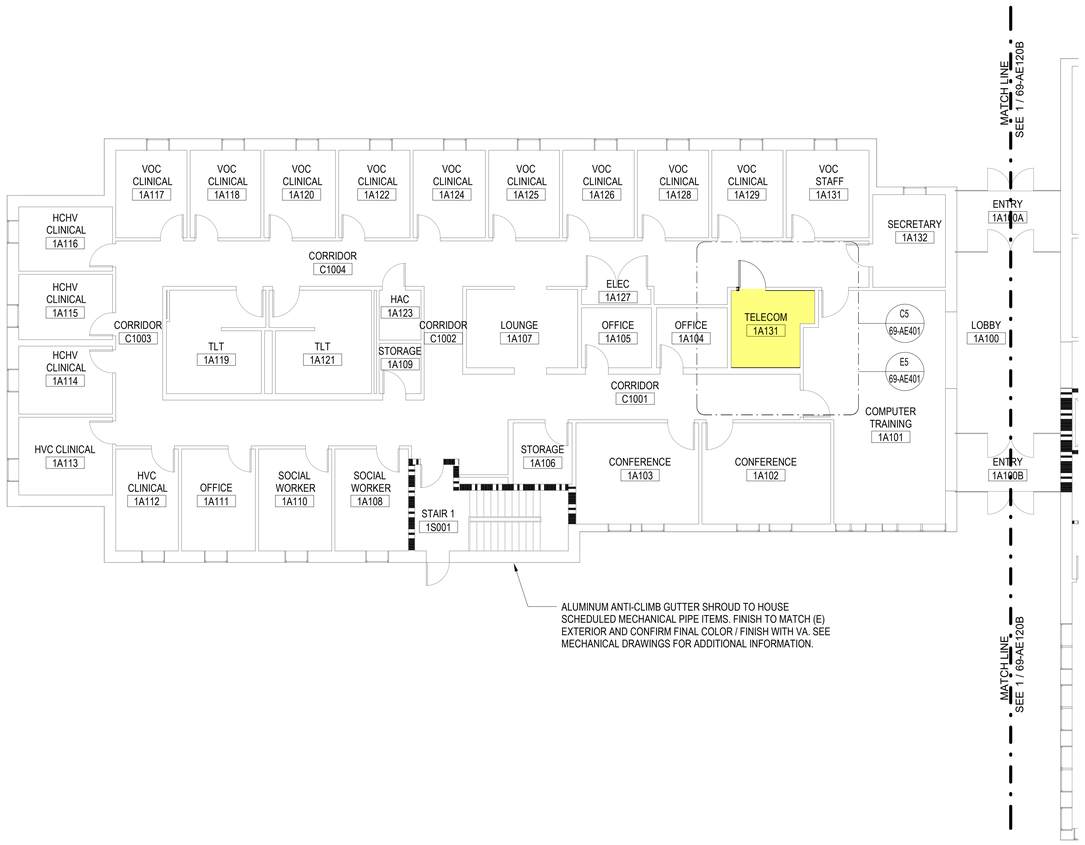


GENERAL NOTES:

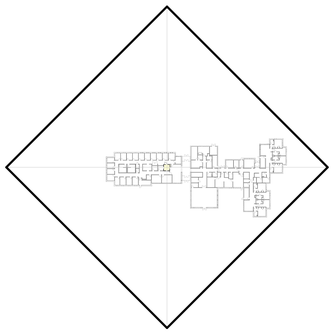
BLDG	FLR	ROOM	PROPOSAL	ALT	RACK	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
69	1	1A131	REMAIN		2	Proposed. Existing dimensions adequate.	10'-10 3/4"	10'-1"		

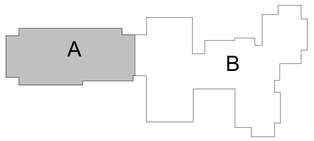
EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER





PLAN NORTH
TRUE NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - AREA A

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH PA 15215

Issue Date: 06.27.2025

Checked:

Drawn:

Project Number: 646A4-22-700

Building Number: 69

Drawing Number: 69-AE120A

SHEET 320 of 484

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GENERAL NOTES:

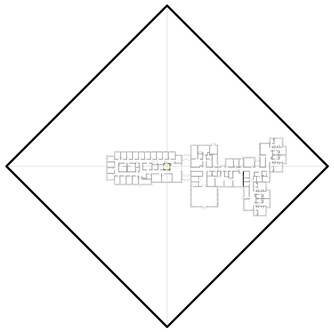
BLDG	FLR	ROOM	PROPOSAL	ALT	RADX	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
69	1	1A131	REMAIN		2	Proposed. Existing dimensions adequate.	10'-10 3/4"	10'-1"		

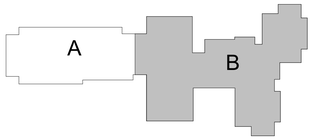
EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER





PLAN NORTH
TRUE NORTH

1/8" = 1'-0"
5 0 5 10 15 20
SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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GENE H. KLOW No. RA-025141

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR PLAN - AREA B	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 69-AE120B
			SHEET 321 of 484

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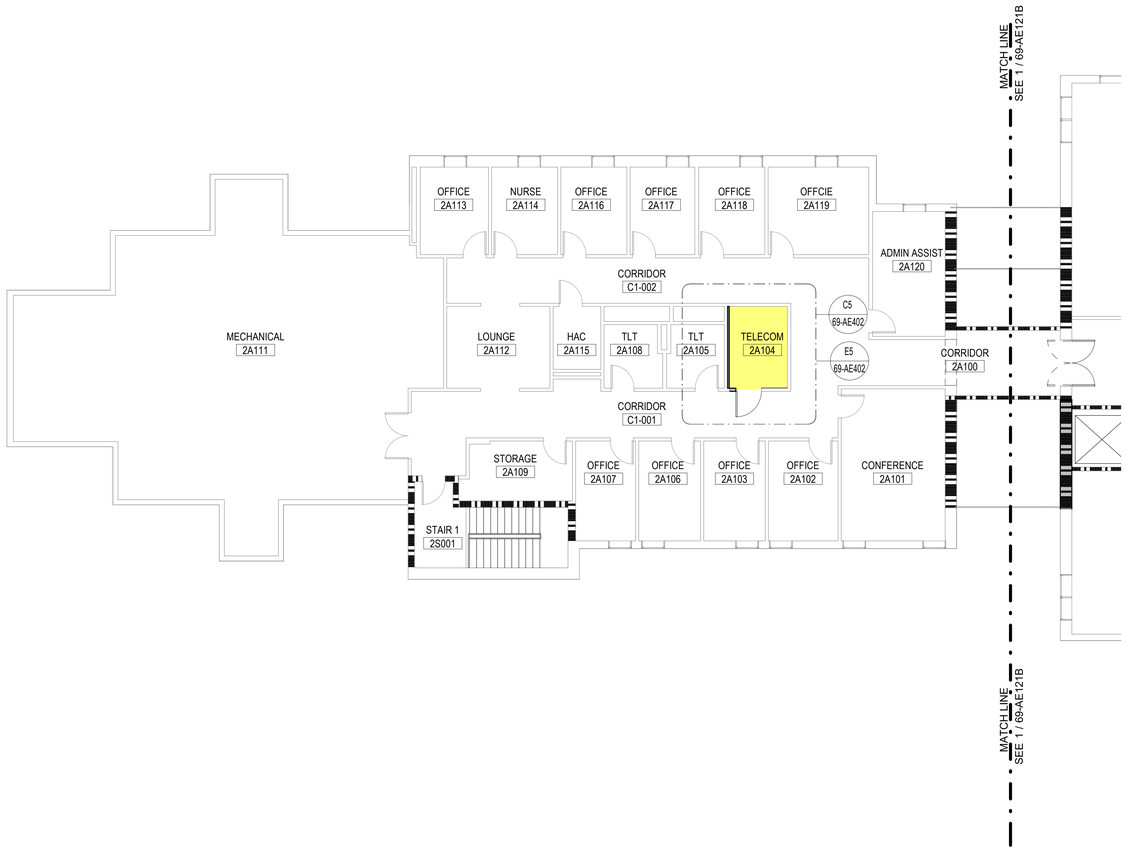


GENERAL NOTES:

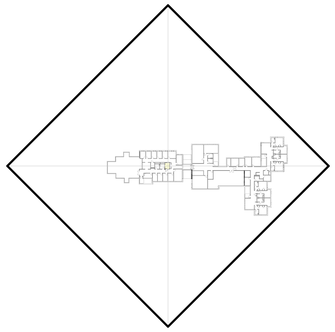
BLDG	FLR	RV	ROOM	NMATRIX	PROPOSAL	ALT	RACK	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
69	2		2A104	YES	REMAIN		2	Proposed. Exception to retain as is. Slightly undersized per requirements. Expansion would affect circulation clearances.	7'-10"	10'-8"	YES	

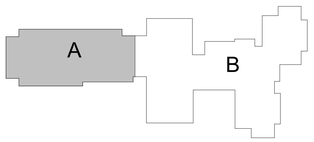
EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER





1/8" = 1'-0" 5 0 5 10 15 20
SCALE FEET

Revisions:	Date:

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GENE H. KLOW No. RA-024141

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR PLAN - AREA A	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 69
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH PA 15215	Drawing Number: 69-AE121A
		Issue Date: 06.27.2025 / Checked: / Drawn:	SHEET 322 of 484

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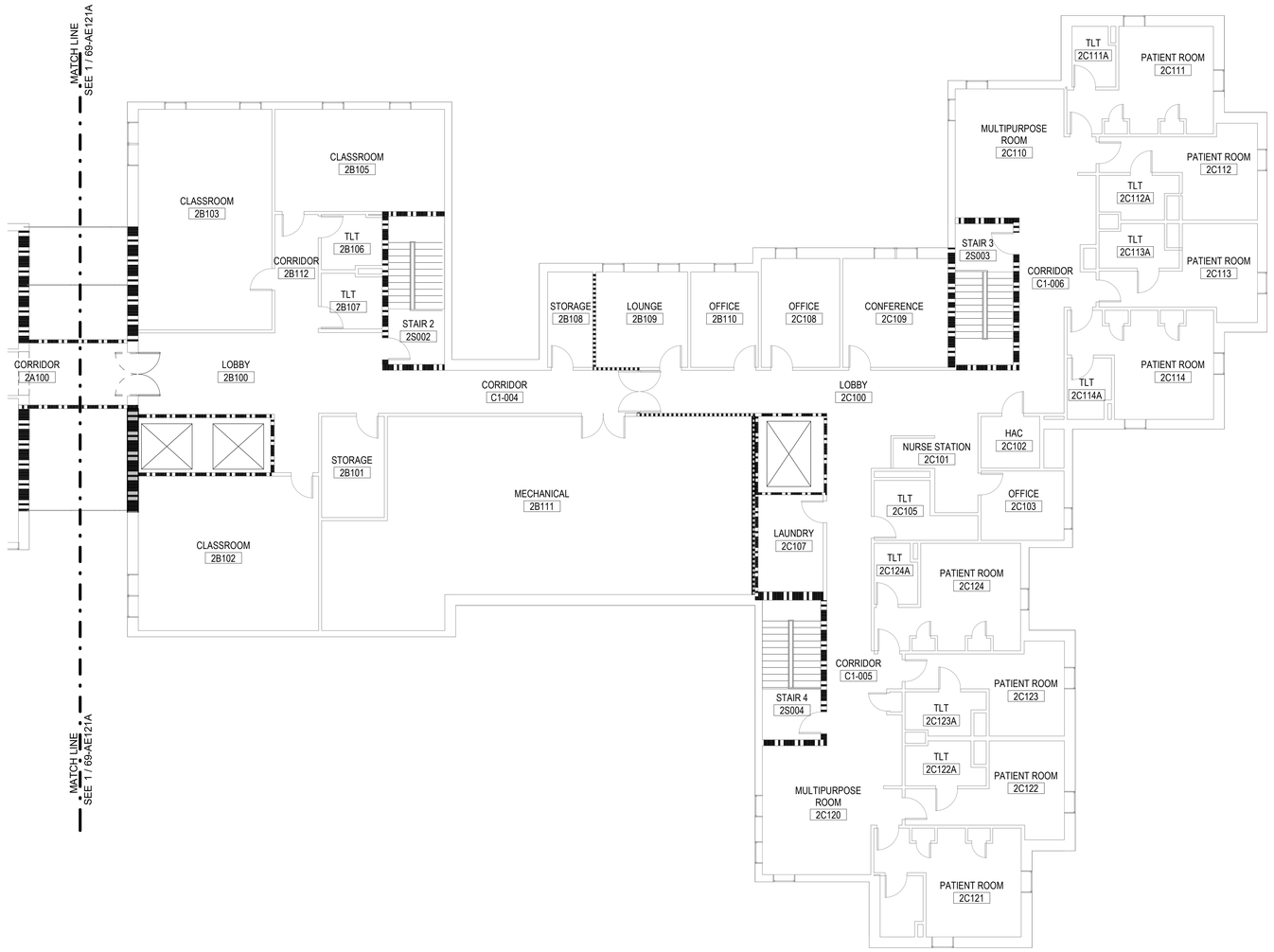


GENERAL NOTES:

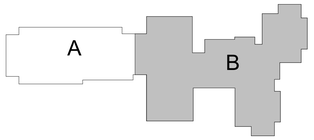
BLDG	FLR	RV	ROOM	NMATRIX	PROPOSAL	ALT	RACK	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
69	2		2A104	YES	REMAIN		2	Proposed. Exception to retain as is. Slightly undersized per requirements. Expansion would affect circulation clearances.	7'-10"	10'-8"	YES	

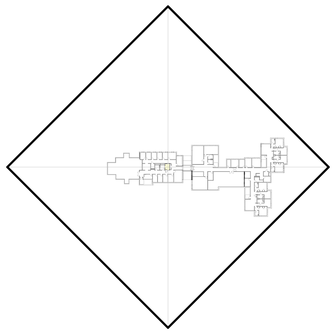
EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER





PLAN NORTH
TRUE NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
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REGISTERED ARCHITECT PENNSYLVANIA
GENE H. KLOW No. RA-027141

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR PLAN - AREA B

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH PA 15215

Issue Date: 06.27.2025

Checked

Drawn

Project Number: 646A4-22-700

Building Number: 69

Drawing Number: 69-AE121B

SHEET 323 of 484

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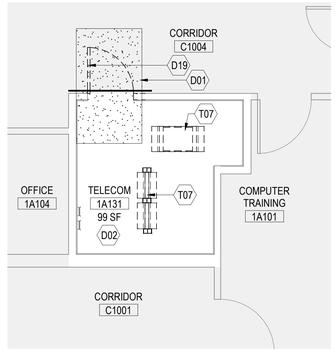
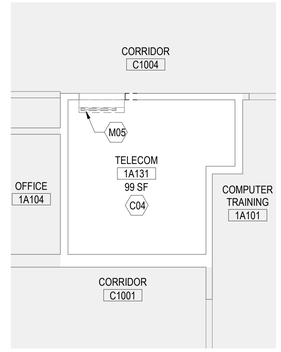
Autodesk Docs://Heinz VAMC EHRM_V2646-646A-22-700 69 A HNZ.rvt



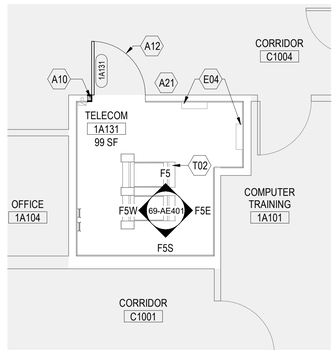
FLOOR PLAN



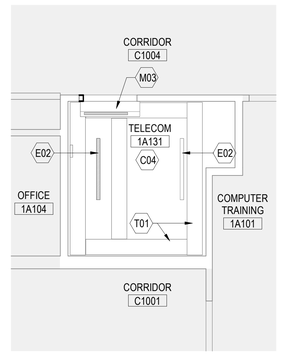
REFLECTED CEILING PLAN

C5 TR 1A131 DEMO PLAN AND RCP

1/4" = 1'-0" REF FROM: 1 / 69-AE120A



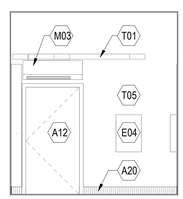
FLOOR PLAN



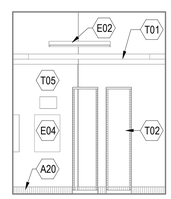
REFLECTED CEILING PLAN

E5 TR 1A131 FLOOR PLAN AND RCP

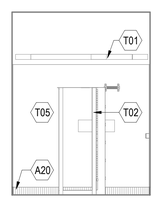
1/4" = 1'-0" REF FROM: 1 / 69-AE120A



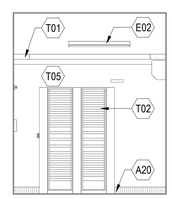
F5 - NORTH ELEVATION



F5E - EAST ELEVATION



F5S - SOUTH ELEVATION



F5W - WEST ELEVATION

F5 TR 1A131 INTERIOR ELEVATIONS

1/4" = 1'-0" REF FROM: E5 / 69-AE401

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
2. ALL INTERIOR PARTITIONS ARE TYPE B3, UNLESS OTHERWISE NOTED. SEE PARTITION TYPES ON SHEET 00-AE520.
3. REFER TO FINISH SCHEDULE FOR MATERIALS SUCH AS TILE AND PANELING APPLIED TO WALLS.
4. CLEAR (CLR) DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, INCLUDING APPLIED FINISHES SUCH AS TILE.
5. DIMENSIONS SHOWN FROM EXISTING WALLS ARE FROM FACE OF FINISH.
6. DIMENSIONS FOR NEW PARTITIONS ARE FROM CENTER LINE OF FRAMING, UNLESS OTHERWISE NOTED.
7. OFFSET STUDS TO ACCOMMODATE MULTIPLE LAYERS OF GYPSUM BOARD, SEE WALL TYPES.
8. SOME SHEET KEYNOTES LISTED BELOW MAY NOT APPLY TO THIS SHEET.
9. DIMENSIONS PRECEDED BY A TILDE (~) ARE APPROXIMATE, SUBJECT TO FIELD VERIFICATION.
10. ASBESTOS MAY BE PRESENT. REFERENCE ASBESTOS REPORTS FOR LOCATION AND MATERIAL DETAIL. REFERENCE SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
11. PATCHES OF EXISTING CORRIDOR OR PUBLIC FACE OF WALLS SHALL BE PAINTED WALL TO WALL TO MATCH EXISTING. TYPICAL.

SHEET NOTES:

A10	OPENING INFILL, REFERENCE DETAIL B7/00-AE526, PAINT WALL TO WALL AT BOTH SIDES TO INCLUDE CORRIDOR.
A12	DOOR AS SCHEDULED, REFER TO DOOR SCHEDULE SHEET.
A20	BASE TRIM AS SCHEDULED, REFER TO FINISH SCHEDULE.
A21	SIGNAGE LOCATION TO BE CONFIRMED WITH VA STATION. FINAL SIGNAGE PROVIDED AND INSTALLED BY VA.
C04	EXISTING CEILING TO REMAIN.
D01	PROVIDE WALK OFF MATS AND PLASTIC SHEETING (VISQUEEN) AT CONSTRUCTION AREAS. STARC WALL SYSTEM PANELS OR SIMILAR TEMP PANELS USED WHEN CONSTRUCTION EXCEEDS 48 HRS TYPICAL.
D02	REMOVE FINISH FLOOR MATERIAL. PREP FLOOR TO RECEIVE SCHEDULED FLOOR FINISH. FOR EXISTING CONCRETE FLOORS, PREP FLOOR PER MANUFACTURER'S INSTRUCTIONS.
D19	REMOVE DOOR AND FRAME, SALVAGE ALL DOOR HARDWARE AND TURN OVER TO VA. VERIFY FRAMING AND PROVIDE MODIFICATIONS NECESSARY IF DOOR INCREASES IN SIZE, PATCH AND REFINISH ADJACENT FINISHES TO MATCH EXISTING.
E02	INTERIOR LIGHTING, SEE ELECTRICAL DRAWINGS
E04	PANELBOARD, SEE ELECTRICAL DRAWINGS
M03	WALL MOUNTED SPLIT SYSTEM AIR CONDITIONING UNIT, SEE MECHANICAL DRAWINGS
M05	EXISTING MECHANICAL EQUIPMENT, SEE MECHANICAL DRAWINGS
T01	HORIZONTAL CABLE TRAY, SEE TELECOMMUNICATIONS DRAWINGS
T02	COMMUNICATIONS RACK SYSTEM, SEE TELECOMMUNICATION DRAWINGS
T05	TELEPHONE/DATA TERMINAL BACKBOARDS, TYPICAL ALL WALLS, U.O.N. SEE TELECOMMUNICATION DRAWINGS
T07	REFER TO TELECOMMUNICATION DRAWINGS FOR NEW OR EXISTING EQUIPMENT

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LEGEND

- OUT OF SCOPE AREAS, COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THIS AREA
- REMOVE CEILING AND ASSOCIATED SUPPORT AND SEISMIC BRACING, FIXTURES, AND ACCESSORIES, TYPICAL WITHIN DEMOLITION BOUNDARY. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED
- REMOVE GYPSUM BOARD CEILING AND ASSOCIATED SUPPORT/SUSPENSION SYSTEM, FIXTURES, AND ACCESSORIES
- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS

PLAN NORTH
TRUE NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10
SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

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Alexandria, VA 22314

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REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA-027141

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - FIRST FLOOR - TR 1A131	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 69
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH PA 15215	Drawing Number: 69-AE401
		Issue Date: 06.27.2025 / Checked / Drawn	SHEET 324 of 484

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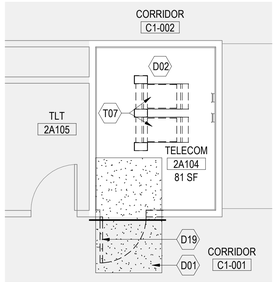
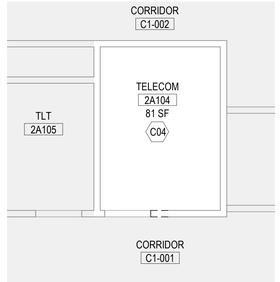


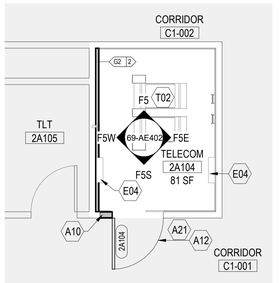
FLOOR PLAN



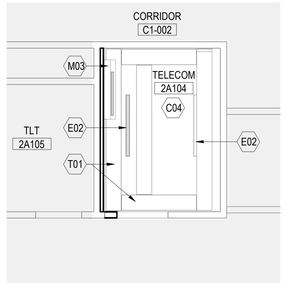
REFLECTED CEILING PLAN

C5 TR 2A104 DEMO PLAN AND RCP

1/4" = 1'-0" REF FROM: 1 / 69-AE121A



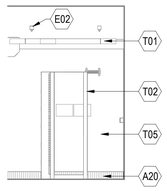
FLOOR PLAN



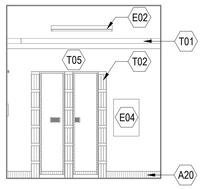
REFLECTED CEILING PLAN

E5 TR 2A104 FLOOR PLAN AND RCP

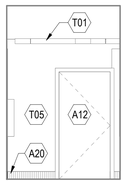
1/4" = 1'-0" REF FROM: 1 / 69-AE121A



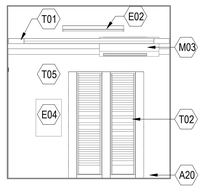
F5 - NORTH ELEVATION



F5E - EAST ELEVATION



F5S - SOUTH ELEVATION



F5W - WEST ELEVATION

F5 TR 2A104 INTERIOR ELEVATIONS

1/4" = 1'-0" REF FROM: E5 / 69-AE402

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
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PLAN NORTH
TRUE NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10
SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
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STAMP

REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA-041041

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - SECOND FLOOR - TR 2A104	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: / Drawn:	Drawing Number: 69-AE402
			SHEET 325 of 484

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DOOR SCHEDULE - BLDG 69

MARK	FROM	TO	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR FINISH	FRAME (E) DEPTH	FRAME TYPE	FRAME FINISH	FIRE RATING	HW NO	DETAILS HEAD	DETAILS JAMB	DETAILS THRESHOLD	COMMENT
1ST FLOOR															
1A131	CORRIDOR (C1004)	TELECOM (1A131)	F	3' - 6"	7' - 0"	HM		1	HM		SH3D	B5/00-AE523	D7/00-AE523	F5/00-AE523	
2ND FLOOR															
2A104	CORRIDOR (2A100)	TELECOM (2A104)	F	3' - 4"	7' - 0"	HM		1	HM		SH3D	B5/00-AE523	D7/00-AE523	F5/00-AE523	

ROOM FINISH SCHEDULE - BLDG 69

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE	E MATL	E MATL 2	E FIN	N MATL	N MATL 2	N FIN	S MATL	S MATL 2	S FIN	W MATL	W MATL 2	W FIN	CEILING FINISH	Remarks
1ST FLOOR																	
1A131	TELECOM	SDT	RB	(E) GYP	PLYWD	P	(E) GYP	PLYWD	P	(E) GYP	PLYWD	P	(E) GYP	PLYWD	P	OPEN TO STRUC ABOVE	
2ND FLOOR																	
2A104	TELECOM	SDT	RB	(E) GYP	PLYWD	P	(E) GYP	PLYWD	P	(E) GYP	PLYWD	P	(E) GYP	PLYWD	P	OPEN TO STRUC ABOVE	

ABBREVIATIONS USED IN DOOR AND ROOM FINISH SCHEDULES:

ACT	ACOUSTICAL CEILING TILE
ADO	AUTOMATIC DOOR OPERATOR
CLR	COLOR
CONC FLR	CONCRETE FLOOR
EFTR	EXISTING FINISH TO REMAIN
EPY	EPOXY FLOORING
EX	EXISTING
EXP	EXPOSED
ESD	ELECTROSTATIC DISCHARGE FLOORING
FIN	FINISH
GWB	GYPSUM WALLBOARD SYSTEMS
HM	HOLLOW METAL
HT	HEIGHT
HW	HARDWARE SET (FINISH OR BUILDER'S HARDWARE)
LINO	LINOLEUM
MATL	MATERIAL
NO	NUMBER
NR	NON-RATED
P	PAINT (EXTERIOR AND INTERIOR; TRANSPARENT, SEMI-TRANSPARENT, AND OPAQUE FINISHES)
PLYWD	PLYWOOD
PR	PAIR
PRB	PROFILE BASE
RB	RESILIENT BASE (RUBBER OR VINYL WITH FACTORY FORMED INSIDE AND OUTSIDE CORNERS)
RWC	RIGID VINYL WALL COVERING (WALL PROTECTION - ROLL OR SHEET)
SGL	SINGLE
SS	STAINLESS STEEL
SDT	STATIC DISSIPATIVE TILE

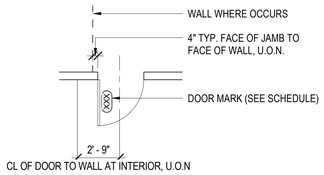
LEGEND:

F - FLUSH DOOR	W.G. - WIRE GLASS
FF - FACTORY FINISH	STL - STEEL
FG - FLUSH DOOR WITH GLAZING	ALUM - ALUMINUM
N - FLUSH DOOR WITH GLAZING	PRE-FIN - PREFINISHED
GL-1T - GLAZING	FIB - FIBERGLASS
HM - HOLLOW METAL	WD - WOOD
T.G. - TEMPERED GLASS	

GENERAL NOTES:

1. ALL DOORS SHALL BE 1 3/4" THICK, UNLESS OTHERWISE NOTED.
2. ALL DOORS SHALL BE FLUSH TOPS AND BOTTOMS, UNLESS OTHERWISE NOTED.
3. ALL DOOR & FRAMES SHALL BE REINFORCED FOR HARDWARE
4. ALL FRAMES SHALL BE SECURED IN WALL TO PREVENT MOVEMENT IN FRAME OR PANEL.
5. REFER TO SPECIFICATIONS FOR ALL HARDWARE SET INFORMATION.
6. COORDINATE FIRE RATED HARDWARE REQUIREMENTS WITH ALL DOOR IDENTIFIED HEREIN WITH FIRE RATING.
7. CONTRACTOR SHALL VERIFY ALL DOOR AND DOOR FRAME DIMENSIONS PRIOR TO ISSUING SUBMITTAL.
8. DOOR CLOSERS ARE REQUIRED AT ALL TR'S AND DATA CENTER.
9. DOOR HARDWARE SUBCONTRACTOR SHALL FIELD VERIFY COMPATIBILITY OF SPECIFIED HARDWARE WITH EXISTING CONDITIONS (DOOR & FRAME TYPE, SWING, EXISTING HARDWARE PREP) PRIOR TO SUBMITTING HARDWARE SCHEDULE FOR VA/ARCHITECT REVIEW AND SHALL ADVISE OF ANY CONFLICTS AND PROPOSE SOLUTIONS.
10. EXISTING DOOR OPENING WIDTHS TO BE FIELD VERIFIED PRIOR TO SUBMITTING VA/ARCHITECT REVIEW AND SHALL ADVISE OF ANY CONFLICTS AND PROPOSE SOLUTIONS.

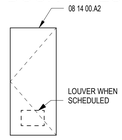
PLAN INDICATION



SINGLE OPENING

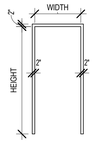
E7 DOOR DETAIL
1/4" = 1'-0"

DOOR TYPES



F

FRAME TYPES



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UON IF A ROOM IS DECOMMISSIONED IT IS TO BE TO A "VANILLA" FINISH LEVEL:

WALLS ARE FINISHED AND PRIMED OR PAINTED WHITE PER VA DIRECTION
FLOORS ARE FINISHED OR AT LEAST CONCRETE
ALL EXISTING UTILITIES REMAIN STUBBED TO PREMISES AND CAPPED AS NECESSARY
CEILINGS ARE FINISHED WITH BASIC LIGHTING
LIGHTING CONTROLS ARE CONNECTED TO EXISTING SYSTEM
EXISTING DOORS TO REMAIN AS IS
EXISTING SECURITY TO REMAIN AS IS
EXISTING SPRINKLER SYSTEM AS IS

ADDITIONAL NOTES:
WHERE (N) PLYWD WALL CLADDING IS INDICATED, FINISH TO COVER F.F. TO B.O. DECK ABOVE.
WHERE (E) TELEPHONE BACKER BOARDS ARE PRESENT WITH EQUIPMENT TO REMAIN, THESE AREAS TO REMAIN IN PLACE AND (N) PLYWD TO FILL IN AROUND EXISTING.
(N) ACT CEILING TO BE CENTERED IN AREA INSTALLED UON. WHERE ADJACENT TO (E) ACT ALIGN GRIDS TO ADJACENT (E) ACT.

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SCHEDULES AND DIAGRAMS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 69
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH PA 15215	Drawing Number: 69-AE601
		Issue Date: 06.27.2025 / Checked / Drawn	SHEET 326 of 484

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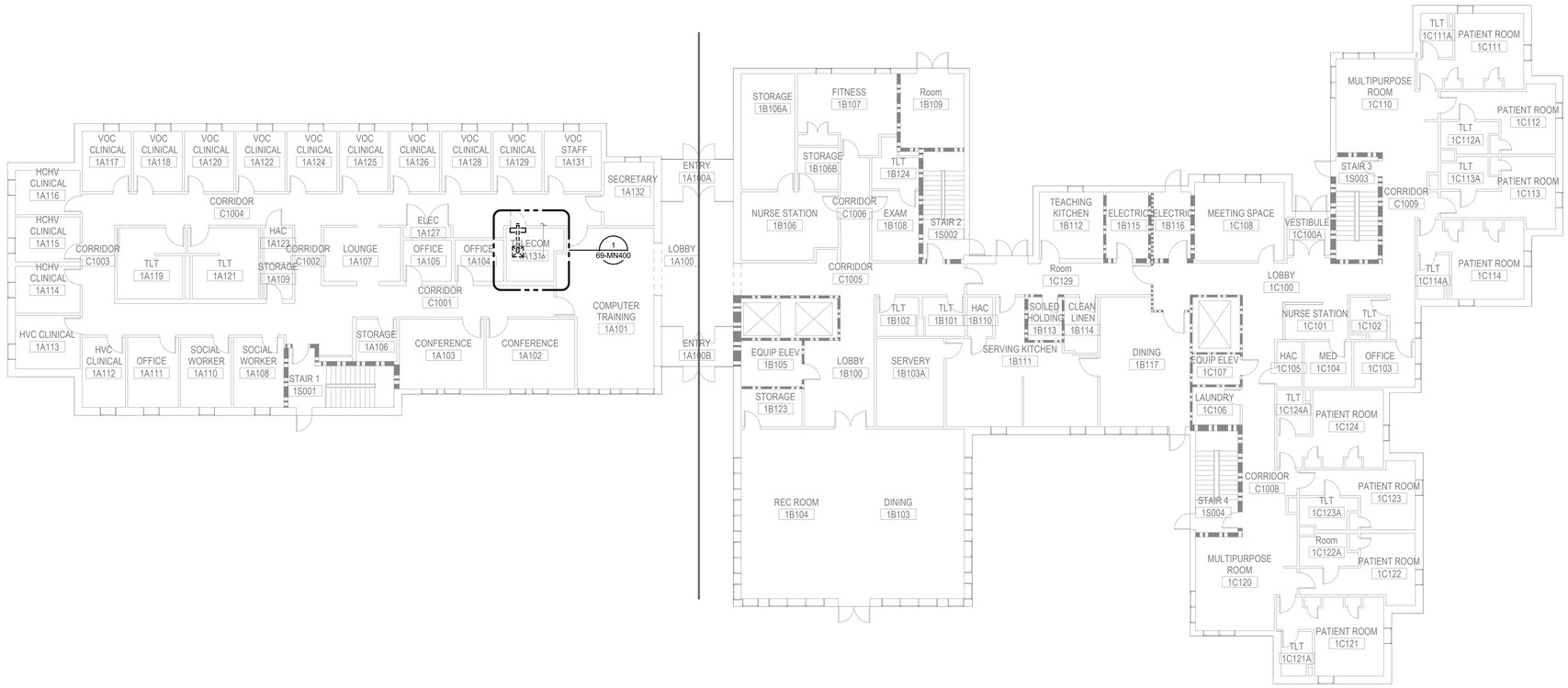
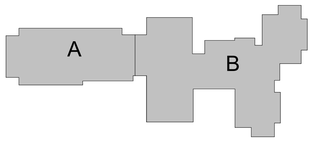


GENERAL NOTES:

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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PENNSYLVANIA
03.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR DEMOLITION PLAN - MECHANICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 69-MD100 SHEET 327 of 484

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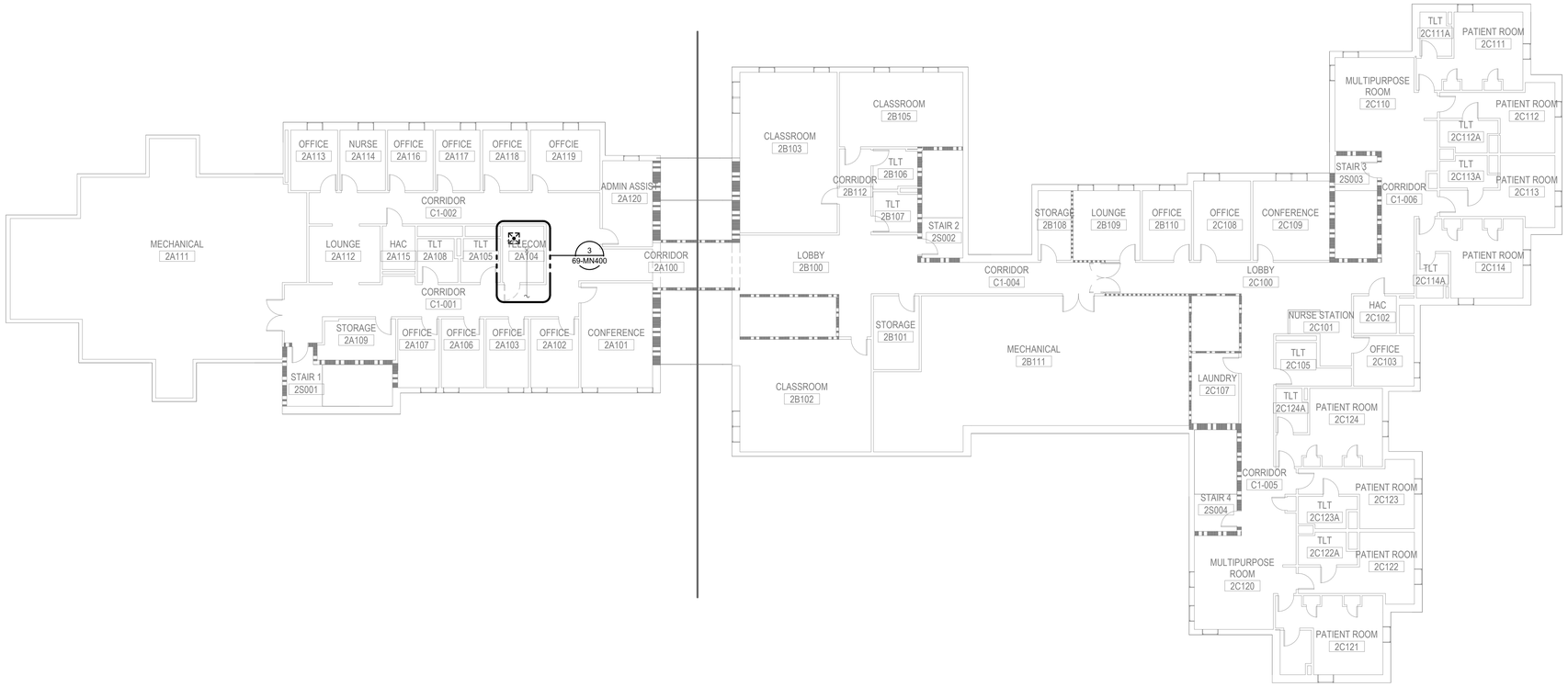
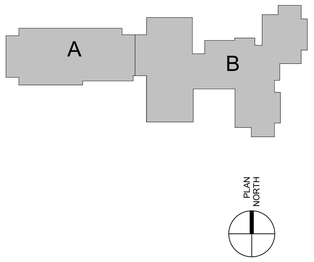


GENERAL NOTES:

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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Drawing Title: SECOND FLOOR DEMOLITION PLAN - MECHANICAL	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 69
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Drawing Number: 69-MD101
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	SHEET 328 of 484

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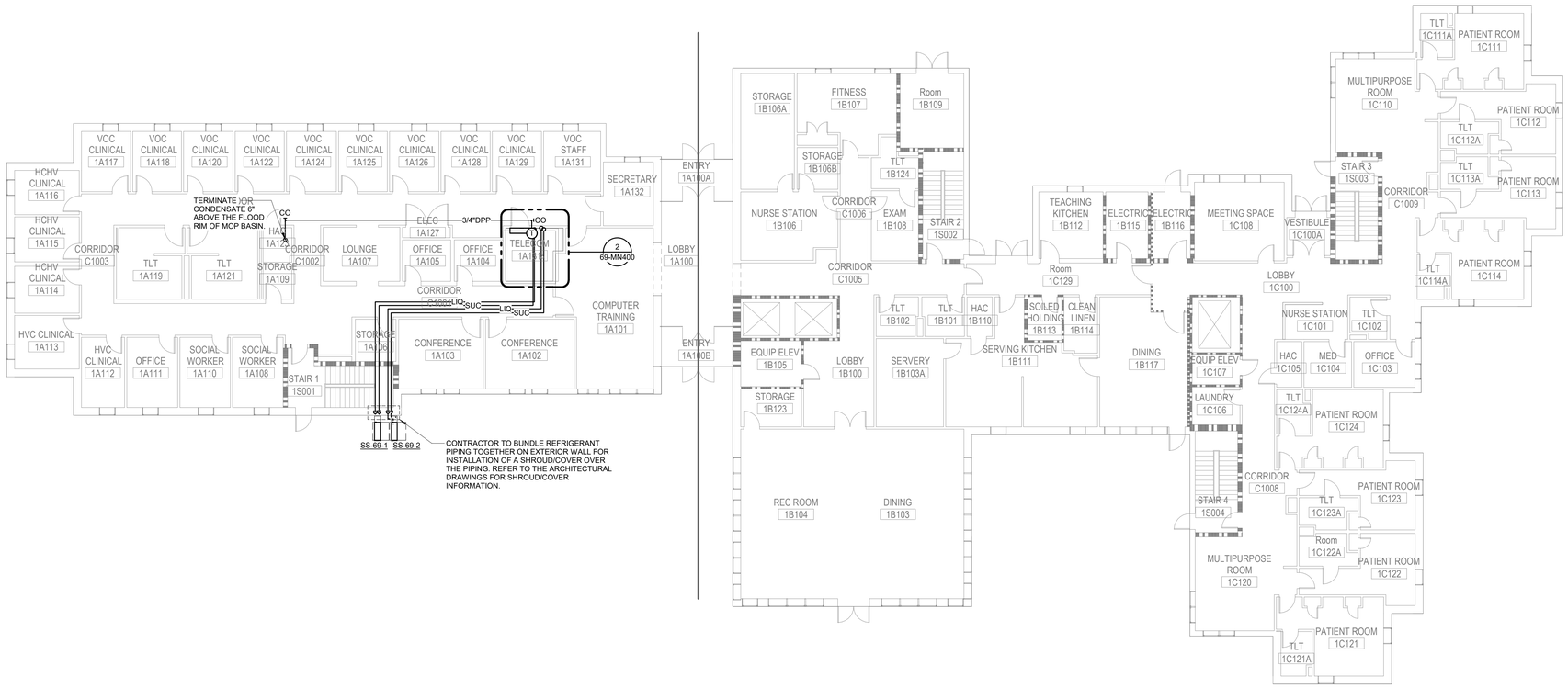
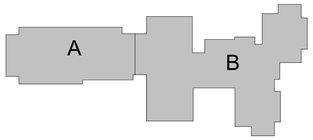


GENERAL NOTES:

1. ROUTE AND SIZE REFRIGERANT PIPING PER THE MANUFACTURER'S RECOMMENDATIONS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR PLAN - MECHANICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 69-MN100

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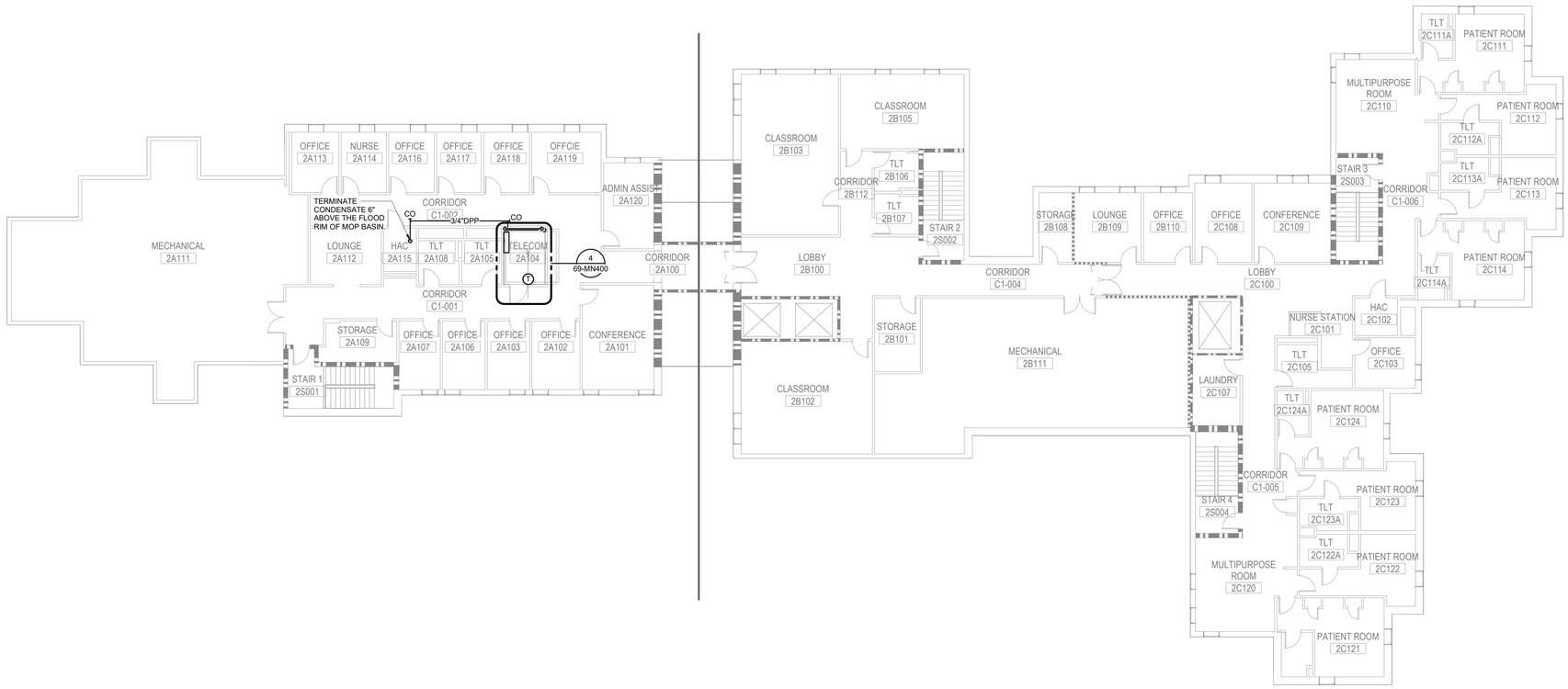

GENERAL NOTES:

1. ROUTE AND SIZE REFRIGERANT PIPING PER THE MANUFACTURER'S RECOMMENDATIONS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
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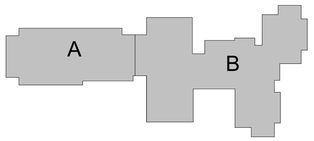
- DEMOLITION



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No. PE079444

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09.30.2027

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Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR PLAN - MECHANICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 69-MN101

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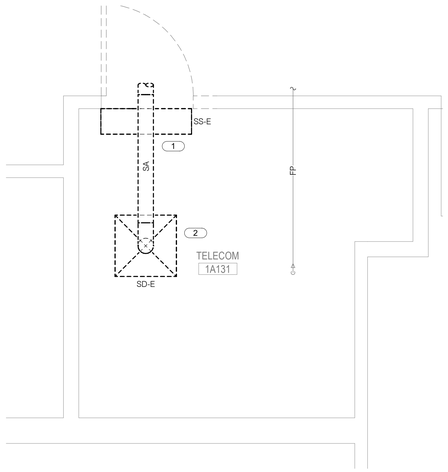
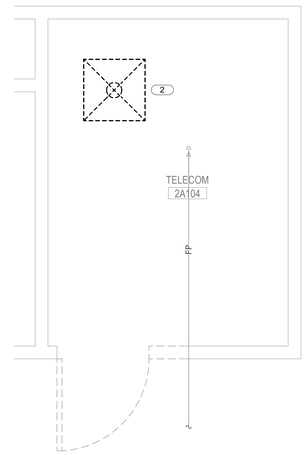
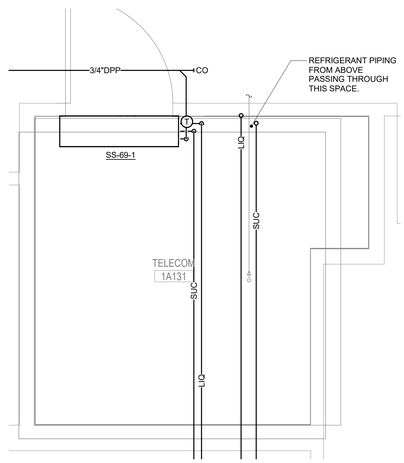


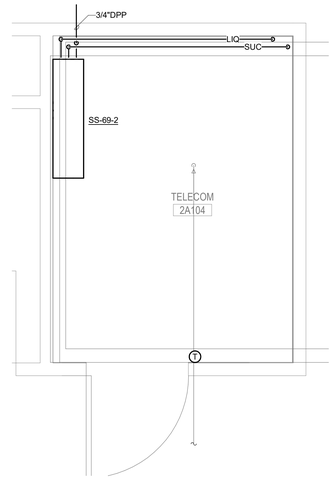
1 LEVEL 1- TR 1A131 DEMO ENLARGED PLAN
1/2" = 1'-0"



3 LEVEL 2 - TR 2A104 DEMO ENLARGED PLAN
1/2" = 1'-0"



2 LEVEL 1- TR 1A131 ENLARED PLAN
1/2" = 1'-0"



4 LEVEL 2 - TR 2A104 ENLARGED PLAN
1/2" = 1'-0"

GENERAL NOTES:

1. DRIP PANS SHALL BE PROVIDED UNDER ALL EXISTING HYDRONIC, PLUMBING, AND FIRE PROTECTION PIPING OVERHEAD IN TR SPACES. MECHANICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR TO VERIFY ALL EXISTING AND NEW PIPING OVERHEAD ARE PROVIDED WITH DRIP PAN COVERAGE.
   A. DO NOT SPILL CONDENSATE PIPING INTO DRIP PANS OVER TR SPACES. COORDINATE INSTALLATION OF REFRIGERANT AND CONDENSATE PIPING WITH DRIP PAN LOCATIONS. AVOID PENETRATIONS OF NEW DRIP PANS. SEAL ANY NECESSARY PENETRATIONS WATER TIGHT.
2. TEMPERATURE CONTROLS CONTRACTOR SHALL COORDINATE LOCATION OF ALL DRIP PANS FOR LEAK DETECTION MONITORING.
3. PROVIDE A STANDALONE TEMPERATURE AND HUMIDITY SENSOR OR SENSORS FOR SPACE MONITORING.
4. TEMPERATURE CONTROLS CONTRACTOR SHALL BE RESPONSIBLE FOR INTEGRATION OF ALL TEMPERATURE AND HUMIDITY SENSORS INTO EXISTING FACILITY CONTROLS SYSTEM. COORDINATE ALL RACK-MOUNTED SENSORS WITH TELECOMMUNICATIONS CONTRACTOR.
5. EXISTING SPRINKLER(S) IN TR SHALL REPLACED WITH NEW UPRIGHT SPRINKLERS AT THE TIME THE CEILING IS REMOVED IN ORDER TO MAINTAIN SPRINKLER PROTECTION WITHIN THE CONSTRUCTION AREA. NEW SPRINKLERS SHALL BE:
   A. STANDARD RESPONSE
   B. UPRIGHT TYPE
   C. PROVIDED WITH MECHANICAL GUARDS.
   D. ORDINARY TEMPERATURE TYPE.
   E. TR SPACES SHALL BE CLASSIFIED AS LIGHT HAZARD DENSITY FOR SPRINKLER SELECTION.
6. REFER TO OVERALL FLOOR PLAN FOR CONTINUATION OF PIPING.

SHEET NOTES:

1. REMOVE EXISTING SPLIT SYSTEM SERVING THIS SPACE INCLUDING THE EVAPORATOR AND ASSOCIATED CONDENSING UNIT AND REFRIGERANT PIPING.
2. REMOVE THE TEMPORARY AC UNIT AND ASSOCIATED DUCTWORK SERVING THIS SPACE.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

1/16" = 1'-0" SCALE — 5 0 5 10 15 20 25 30 35 40 FEET

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03.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED PLANS - TR	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 69-MN400

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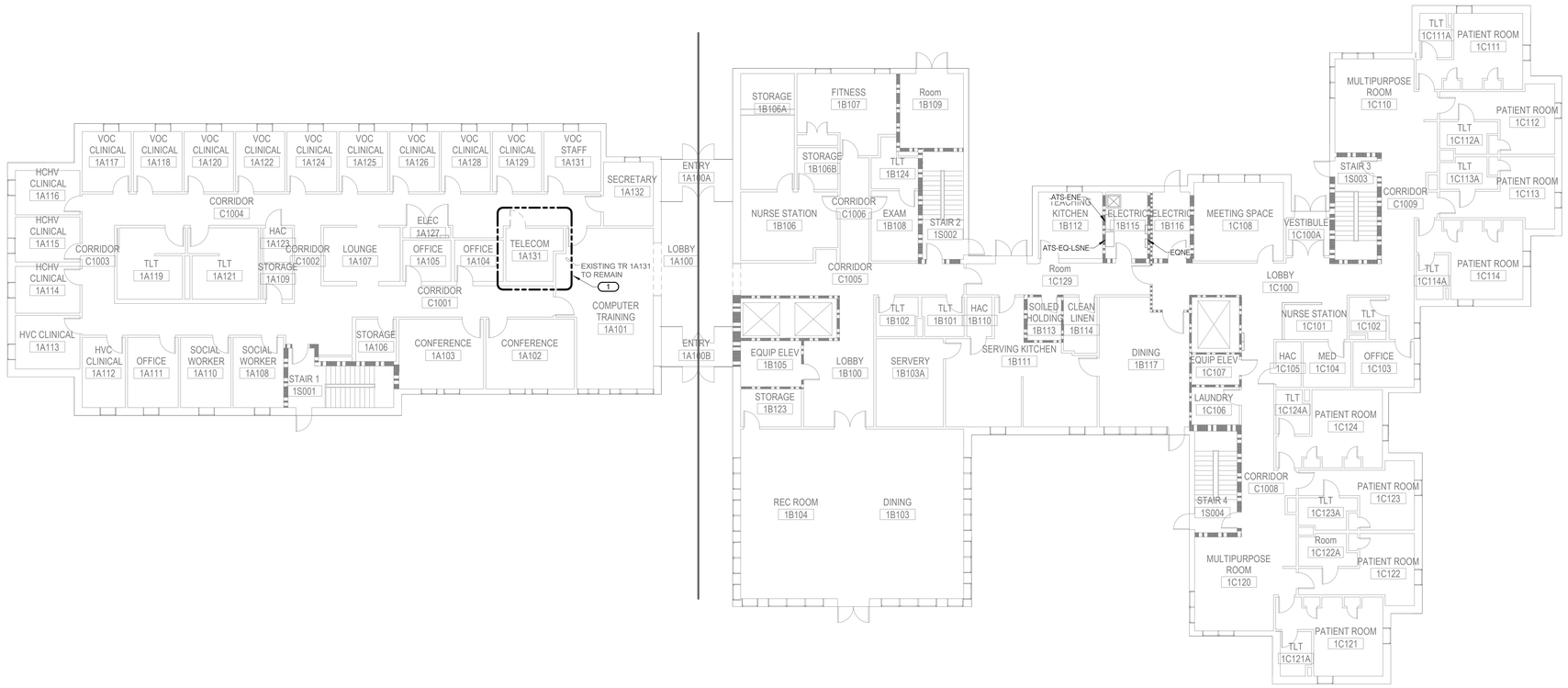

GENERAL NOTES:

A. REFER TO E000 FOR GENERAL NOTES.

B. ALL ELECTRICAL EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

C. ALL HVAC EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

SHEET NOTES:

1. TECHNOLOGY MODIFICATIONS: ALL EXISTING LIGHT FIXTURES, LIGHTING CONTROLS, RECEPTACLES, AND FIRE ALARM DEVICES SHALL REMAIN - CONFIRM THEY ARE IN WORKING ORDER; REPAIR OR REPLACE AS REQUIRED.

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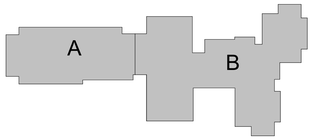

PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

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02.10.2026
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VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR DEMOLITION PLAN - ELECTRICAL

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD PITTSBURGH PA 15215

Issue Date: 06.27.2025
Checked: EZ
Drawn: JF

Project Number: 646A4-22-700
Building Number: 69
Drawing Number: 69-ED100
SHEET 332 of 484

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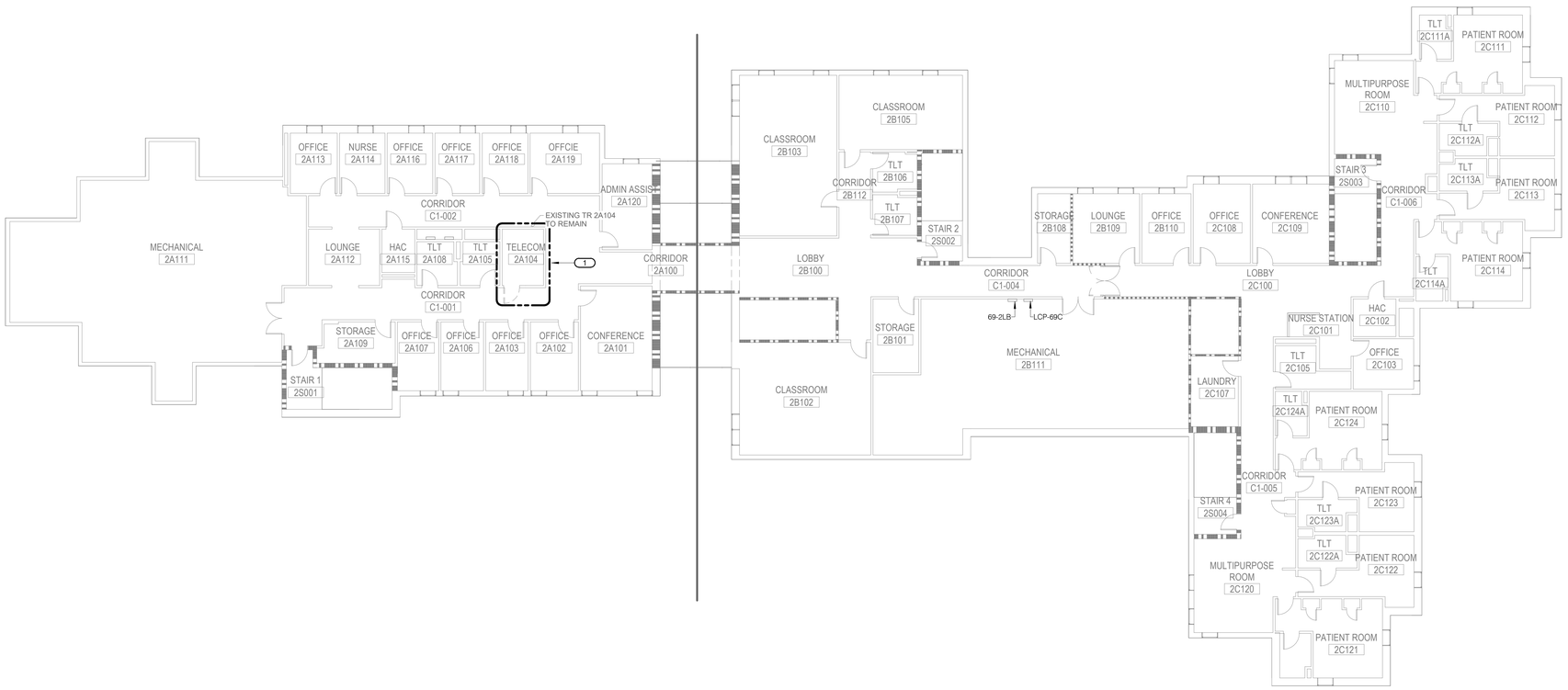

GENERAL NOTES:

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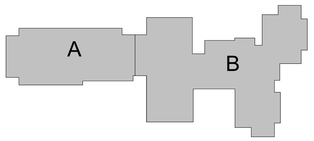

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Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR DEMOLITION PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	Drawing Number: 69-ED101 SHEET 333 of 484

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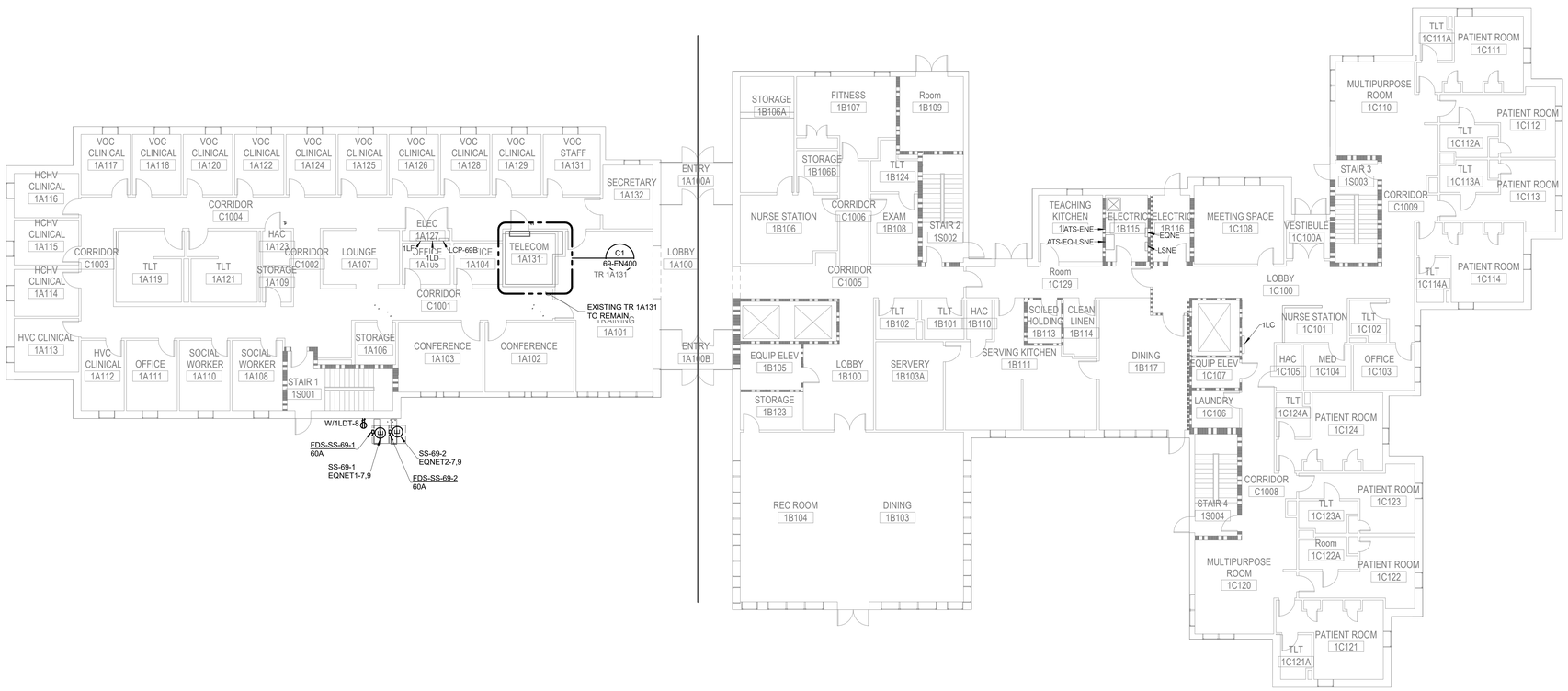

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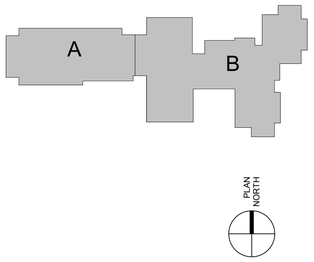

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Drawing Title: FIRST FLOOR PLAN - ELECTRICAL	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
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Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Drawing Number: 69-EN100
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 334 of 484

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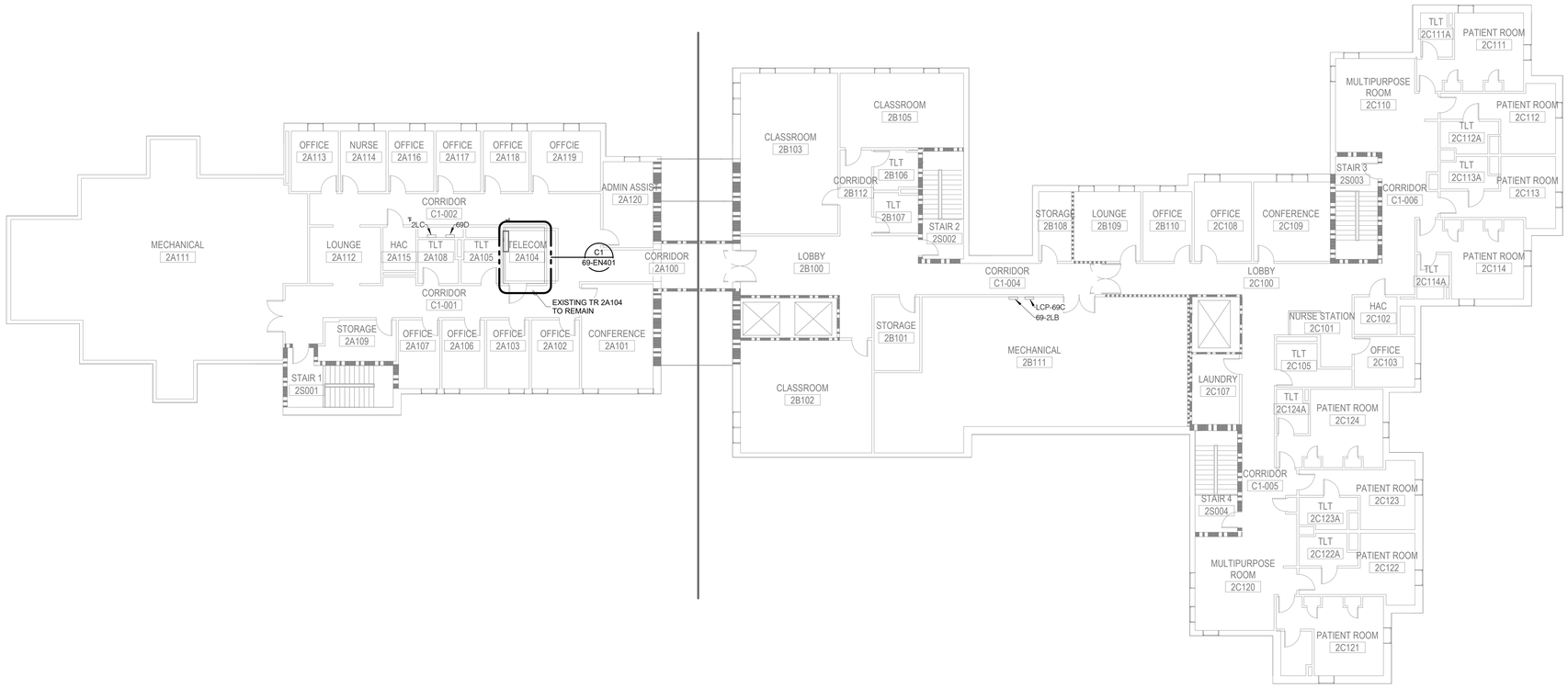


GENERAL NOTES:

A. REFER TO E000 FOR GENERAL NOTES.

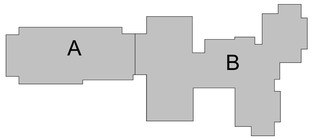
B. ALL ELECTRICAL EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

C. ALL HVAC EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

SHEET NOTES:

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
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COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

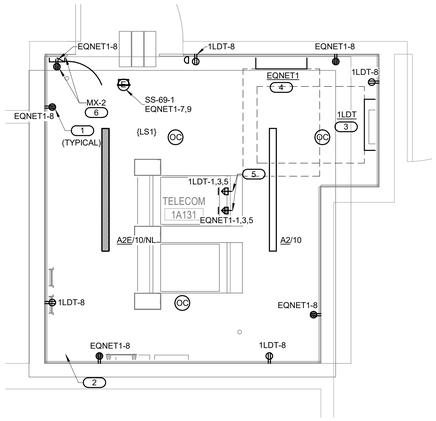
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	Drawing Number: 69-EN101

SHEET 335 of 484

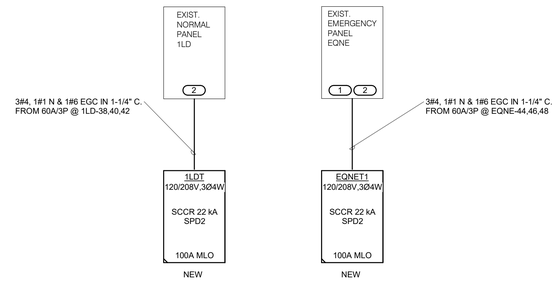
VA FORM 08 - 6231

Autodesk Docs://Heinz VAMC EHRM_V25/646A-22-700.69 E IMEG_HNZ_C.rvt 2/11/2026 2:32:32 PM



C1 ENLARGED PLAN - FIRST FLOOR - TR 1A131 - ELECTRICAL

1/2" = 1'-0"



C4 TR 1A131- PARTIAL ELECTRICAL RISER DIAGRAM

NO SCALE

RISER DIAGRAM KEYNOTES:

1. REPLACE EXISTING PANEL WITH A NEW 54 CIRCUIT & 150 MCB PANEL.
2. PROVIDE A 60A/3P BREAKER TO SERVE NEW PANEL

PANEL EQNET1

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ EQNE
LOCATION: TELECOM 1A131
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A		B		C		VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS B)	30 A	3	10	8	10	0.21	1.67	0						--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--			1.67	0			--	--	--	--	--	--	--	4	--
--	5		--	--	--	--	--	--					1.67	0	--	--	--	--	--	--		6	--
	7	SS-69-1 (OUTDOOR\INDOOR UNIT)	35 A	2	8	--	10	1.31	2.6	0.9					0.51	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--			2.6	0.09			0.04	12	12	12	1	20 A	LTG.	10	
--	11	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	20 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	30 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	22	--
--	23	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	5.17 kVA		4.35 kVA		1.67 kVA										
								Total Amps:	46.50		39.72		13.89										

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
HVAC Cooling Only	5.2 kVA	100.00%	5.2 kVA		
Lighting	0.087 kVA	100.00%	0.087 kVA	**TOTAL CONNECTED LOAD:**	11.19 kVA
Power	5 kVA	100.00%	5 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	11.187 kVA
Receptacles	0.9 kVA	100.00%	0.9 kVA	**TOTAL CONNECTED AMPS:**	31.05 A
				TOTAL ESTIMATED DEMAND AMPS:	31.1 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PANEL 1LDT

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ 1LD
LOCATION: TELECOM 1A131
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A		B		C		VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS A)	30 A	3	10	8	10	0.24	1.67	0						--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--			1.67	0			--	--	--	--	--	--	--	4	--
--	5		--	--	--	--	--	--					1.67	0	--	--	--	--	--	--		6	--
--	7	SPARE	20 A	3	--	--	--		0	0.9					0.36	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	10	--
--	11	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	30 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	22	--
--	23	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	2.57 kVA		1.67 kVA		1.67 kVA										
								Total Amps:	21.39		13.89		13.89										

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Power	5 kVA	100.00%	5 kVA		
Receptacles	0.9 kVA	100.00%	0.9 kVA	**TOTAL CONNECTED LOAD:**	5.90 kVA
				TOTAL ESTIMATED DEMAND LOAD:	5.9 kVA
				TOTAL CONNECTED AMPS:	16.38 A
				TOTAL ESTIMATED DEMAND AMPS:	16.4 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

GENERAL NOTES:

1. CONTRACTOR IS PERMITTED TO ADJUST LAYOUT AS NECESSARY TO ACCOMMODATE OTHER SYSTEMS AND COORDINATE WITH EXISTING DUCT WORK. GENERAL LOCATION SHALL BE MAINTAINED. DO NOT MOUNT LUMINAIRES TO THE DUCT WORK. MOUNT LUMINAIRE SUCH THAT SHADOWS ARE NOT CAST.
2. RECEPTACLES, LIGHTING AND EQUIPMENT ON THIS SHEET SHALL BE CONNECTED TO PANELBOARDS WITHIN THE IT ROOM UNLESS OTHERWISE INDICATED. SHADING INDICATES CONNECTION TO EMERGENCY/UPS PANEL.

SHEET NOTES:

1. TYPICAL 120V 20A DUPLEX RECEPTACLE.
2. SECONDARY GROUND BUSBAR PLACEMENT DETERMINED BY OTHERS.
3. SERVICE PANEL FOR A-SIDE POWER, GENERATOR BACKED IF THE FACILITY HAS GENERATION CAPABILITIES. SHAL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
4. SERVICE PANEL FOR B-SIDE POWER, GENERATOR BACKED IF POSSIBLE. SHALL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
5. PROVIDE 30 AMP 208 VOLT THREE-PHASE TWIST LOCK RECEPTACLE (L21-30R); 8.5 FT AFF {WYE (5-WIRE)} COORDINATE INSTALLATION LOCATION WITH TELECOMMUNICATIONS CONTRACTOR.
6. INDOOR UNIT IS POWERED FROM ASSOCIATED OUTDOOR UNIT. ROUTE CIRCUIT VIA MANUAL SWITCH. PROVIDE RECEPTACLE ADJACENT TO UNIT FOR POWER TO CONDENSATE PUMP, CIRCUIT AS SHOWN.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
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PROJECT #23002990.00

STAMP

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
02-10-2026
EXP 09-30-2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLAN - FIRST FLOOR - TR 1A131

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD PITTSBURGH PA 15215

Issue Date: 06.27.2025
Checked: EZ
Drawn: JF

Project Number: 646A4-22-700
Building Number: 69
Drawing Number: 69-EN400
SHEET 336 of 484

VA FORM 08 - 6231

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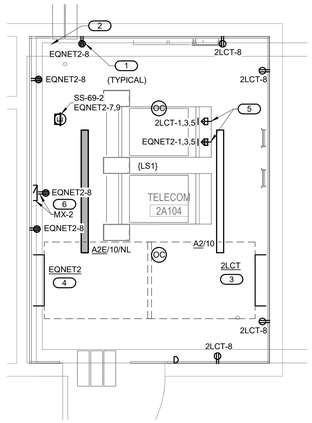
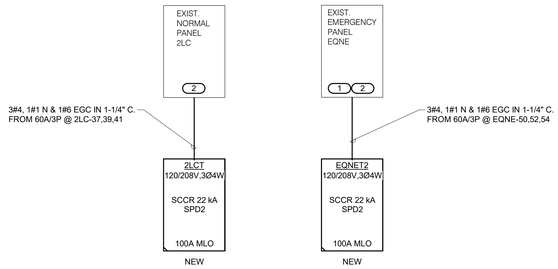


C1 ENLARGED PLAN - SECOND FLOOR - TR 2A104 - ELECTRICAL

1/2" = 1'-0"



C5 TR 2A104- PARTIAL ELECTRICAL RISER DIAGRAM

NO SCALE

RISER DIAGRAM KEYNOTES: (#)

1. REPLACE EXISTING PANEL WITH A NEW 54 CIRCUIT & 150 MCB PANEL.
2. PROVIDE A 60A/3P BREAKER TO SERVE NEW PANEL

PANEL EQNET2

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ EQNE
LOCATION: TELECOM 1A131
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A	B	C	VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS B)	30 A	3	10	8	10	0.23	1.67	0			--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--		1.67	0	--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--			1.67	0	--	--	--	--	--	--	6	--
	7	SS-69-2 (OUTDOOR/INDOOR UNIT)	35 A	2	8	--	10	1.48	2.6	0.72			0.32	12	12	12	1	20 A	RCT.	8	
--	9	--	--	--	--	--	--	--			2.6	0.09	0.04	12	12	12	1	20 A	LTG.	10	
--	11	SPARE	20 A	1	--	--	--							--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	20 A	3	--	--	--		0	0				--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			0	0		--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	30 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	22	--
--	23	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	4.99 kVA		4.35 kVA		1.67 kVA							
								Total Amps:	45.00		39.72		13.89							

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
HVAC Cooling Only	5.2 kVA	100.00%	5.2 kVA		
Lighting	0.087 kVA	100.00%	0.087 kVA	**TOTAL CONNECTED LOAD:**	11.01 kVA
Power	5 kVA	100.00%	5 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	11.007 kVA
Receptacles	0.72 kVA	100.00%	0.72 kVA	**TOTAL CONNECTED AMPS:**	30.55 A
				TOTAL ESTIMATED DEMAND AMPS:	30.6 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PANEL 2LCT

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ 2LC
LOCATION: TELECOM 1A131
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A	B	C	VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS A)	30 A	3	10	8	10	0.18	1.67	0			--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--		1.67	0	--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--			1.67	0	--	--	--	--	--	--	6	--
--	7	SPARE	20 A	3	--	--	--		0	0.72			0.28	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--			0	0		--	--	--	1	20 A	SPARE	10	--
--	11	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	30 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	22	--
--	23	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	2.39 kVA		1.67 kVA		1.67 kVA							
								Total Amps:	19.89		13.89		13.89							

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Power	5 kVA	100.00%	5 kVA		
Receptacles	0.72 kVA	100.00%	0.72 kVA	**TOTAL CONNECTED LOAD:**	5.72 kVA
				TOTAL ESTIMATED DEMAND LOAD:	5.72 kVA
				TOTAL CONNECTED AMPS:	15.88 A
				TOTAL ESTIMATED DEMAND AMPS:	15.9 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

GENERAL NOTES:

1. CONTRACTOR IS PERMITTED TO ADJUST LAYOUT AS NECESSARY TO ACCOMMODATE OTHER SYSTEMS AND COORDINATE WITH EXISTING DUCT WORK. GENERAL LOCATION SHALL BE MAINTAINED. DO NOT MOUNT LUMINAIRES TO THE DUCT WORK. MOUNT LUMINAIRE SUCH THAT SHADOWS ARE NOT CAST.
2. RECEPTACLES, LIGHTING AND EQUIPMENT ON THIS SHEET SHALL BE CONNECTED TO PANELBOARDS WITHIN THE IT ROOM UNLESS OTHERWISE INDICATED. SHADING INDICATES CONNECTION TO EMERGENCY/UPS PANEL.

SHEET NOTES:

1. TYPICAL 120V 20A DUPLEX RECEPTACLE.
2. SECONDARY GROUND BUSBAR PLACEMENT DETERMINED BY OTHERS.
3. SERVICE PANEL FOR A-SIDE POWER, GENERATOR BACKED IF THE FACILITY HAS GENERATION CAPABILITIES. SHAL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
4. SERVICE PANEL FOR B-SIDE POWER, GENERATOR BACKED IF POSSIBLE. SHALL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
5. PROVIDE 30 AMP 208 VOLT THREE-PHASE TWIST LOCK RECEPTACLE (L21-30R); 8.5 FT AFF (WYE (5-WIRE)) COORDINATE INSTALLATION LOCATION WITH TELECOMMUNICATIONS CONTRACTOR.
6. INDOOR UNIT IS POWERED FROM ASSOCIATED OUTDOOR UNIT. ROUTE CIRCUIT VIA MANUAL SWITCH. PROVIDE RECEPTACLE ADJACENT TO UNIT FOR POWER TO CONDENSATE PUMP, CIRCUIT AS SHOWN.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
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PROJECT #230020960.00

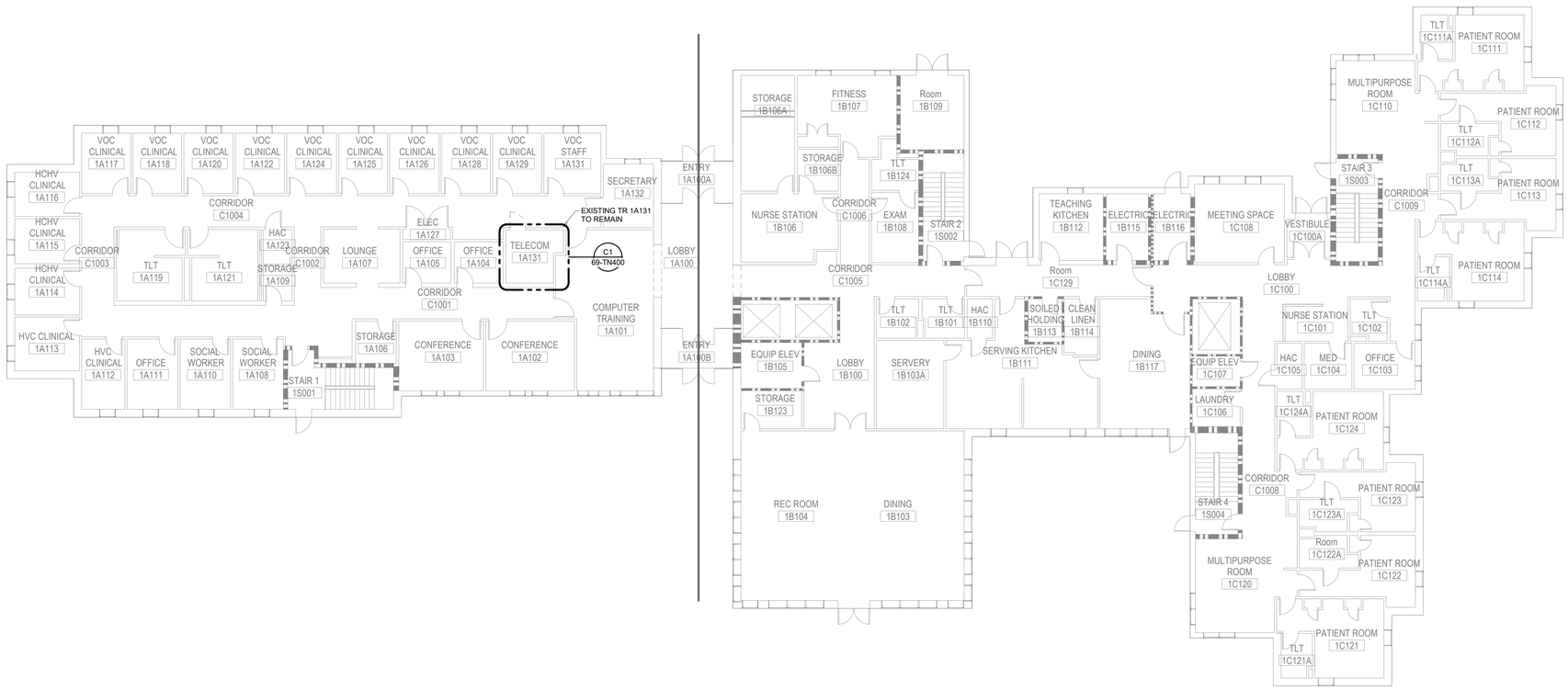
STAMP

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER BRIAN JOSEPH LEAVITT No. PE090283
03-10-2026
Exp 09-30-2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLAN - SECOND FLOOR - TR 2A104	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 69
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Drawing Number: 69-EN401
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 337 of 484

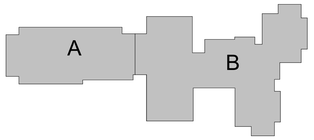


GENERAL NOTES:

1. ALL TELECOMMUNICATIONS ROOMS SHOWN ON THIS SHEET ARE EXISTING ROOMS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



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03.18.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL FIRST FLOOR DEMOLITION PLAN - TECHNOLOGY	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 69-TD100
			SHEET 338 of 484

VA FORM 08 - 6231

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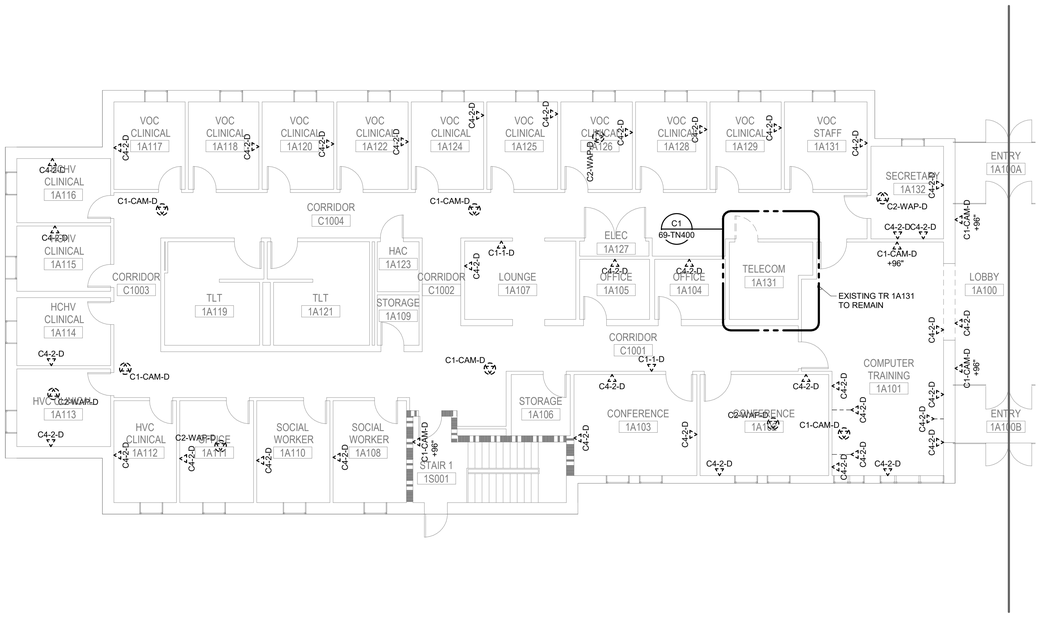

GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 69-TN100A FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
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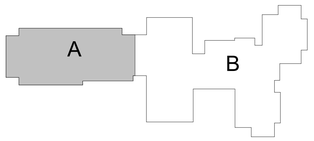
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20 SCALE FEET

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EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA A	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 69-TD100A SHEET 339 of 484

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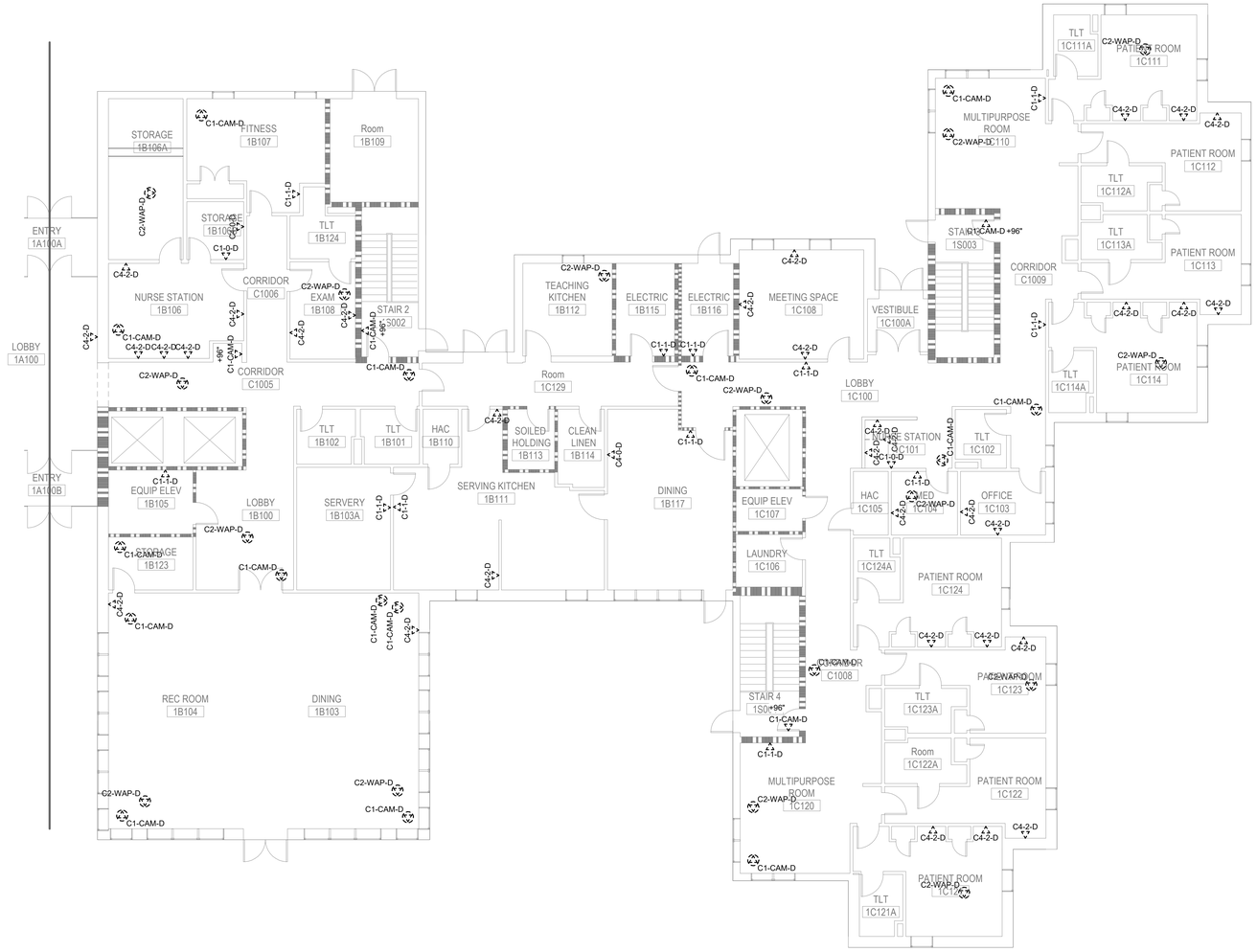

GENERAL NOTES:

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PARTITION LEGEND

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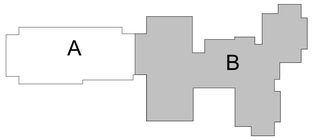

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1/8" = 1'-0" 5 0 5 10 15 20 SCALE FEET

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ENGINEER
No. PE078283
03.10.2026
EXP 09.30.2027

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VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA B	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 69
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Drawing Number: 69-TD100B
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 340 of 484

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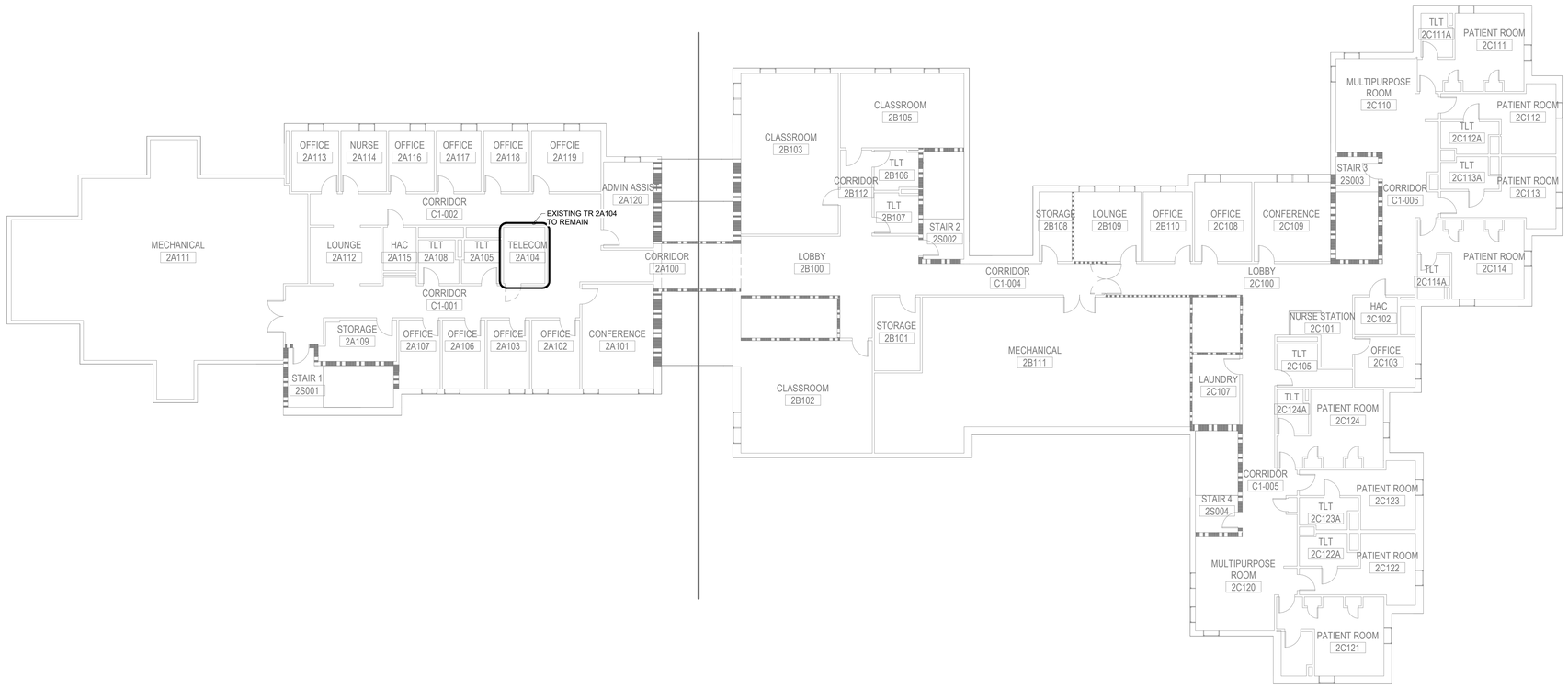

GENERAL NOTES:

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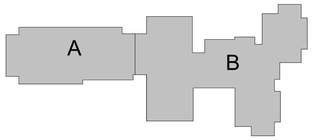
PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



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Drawing Title: OVERALL SECOND FLOOR DEMOLITION PLAN - TECHNOLOGY

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD PITTSBURGH PA 15215

Issue Date: 06.27.2025
Checked: DAVLAR
Drawn: BLARAT

Project Number: 646A4-22-700
Building Number: 69
Drawing Number: 69-TD101
SHEET 341 of 484

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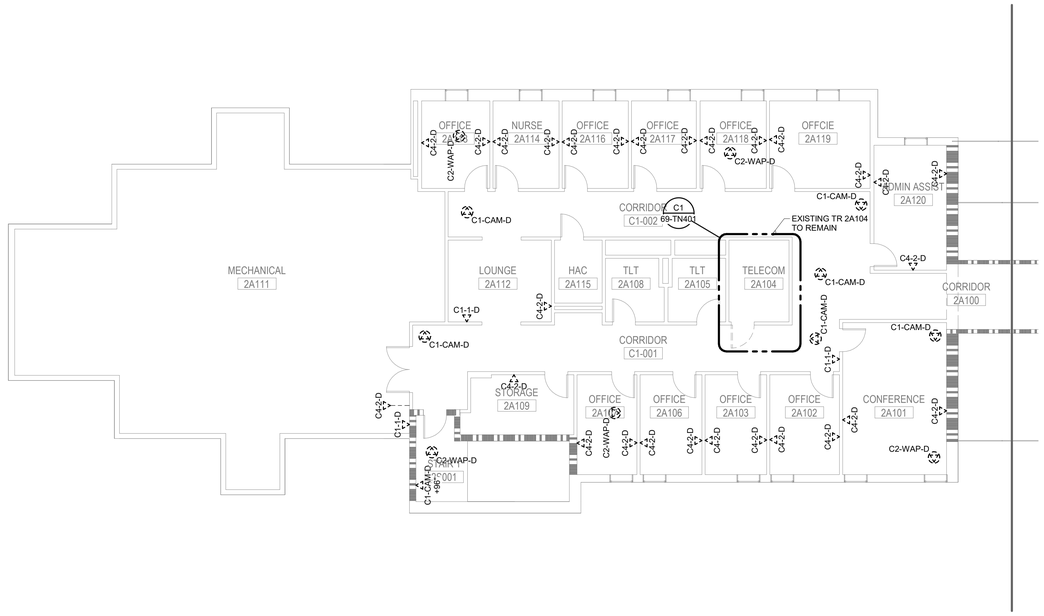
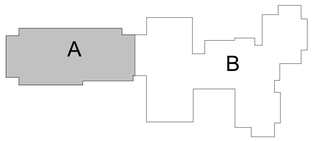


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 69-TN101A FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

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No. PE090283
02-10-2026
Exp 09-30-2027

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 69-TD101A
			SHEET 342 of 484

VA FORM 08 - 6231

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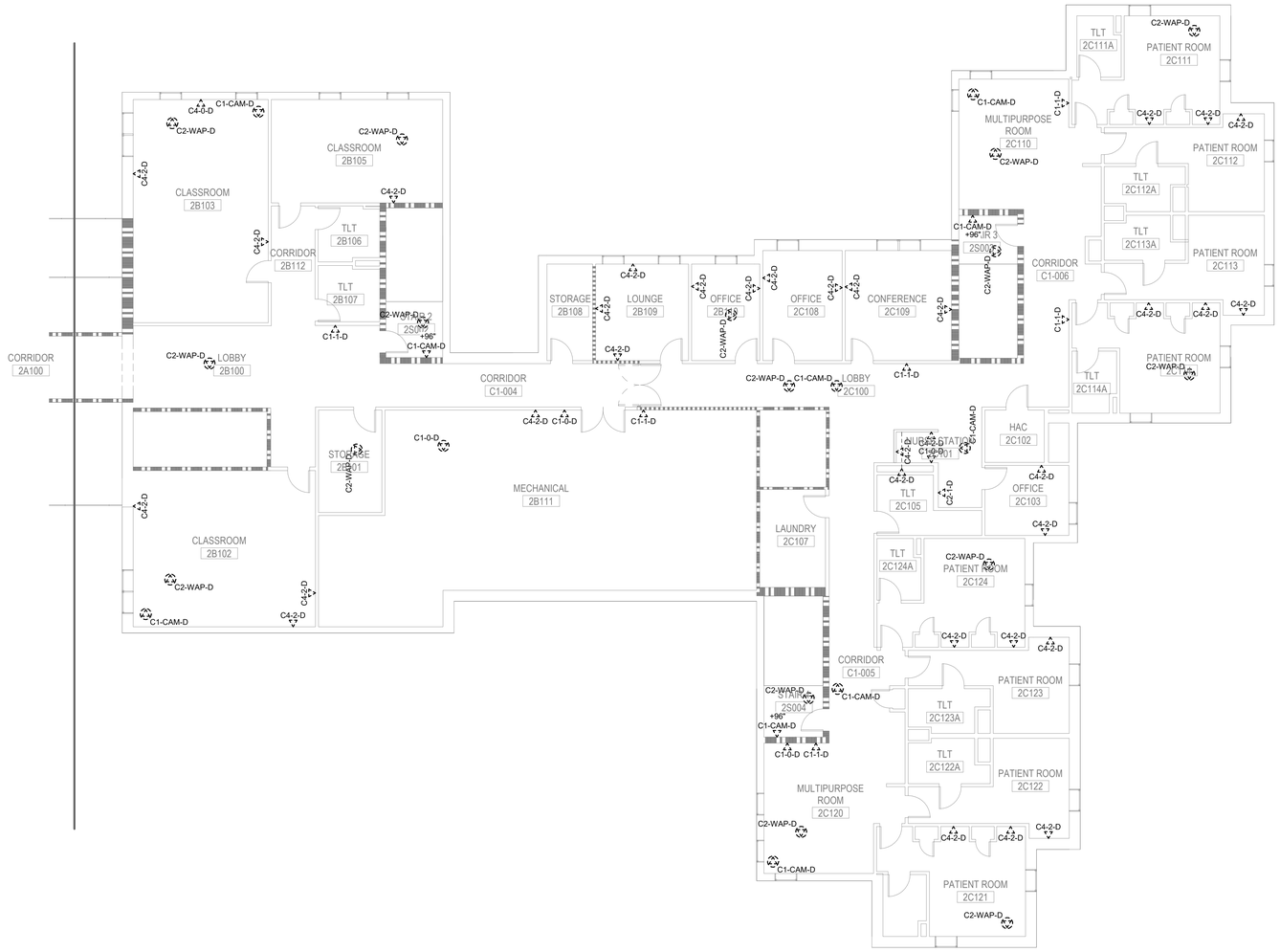

GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 69-TN101B FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
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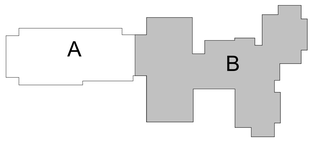
- DEMOLITION
- WATER BARRIER



PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA B	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 69
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Drawing Number: 69-TD101B
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 343 of 484

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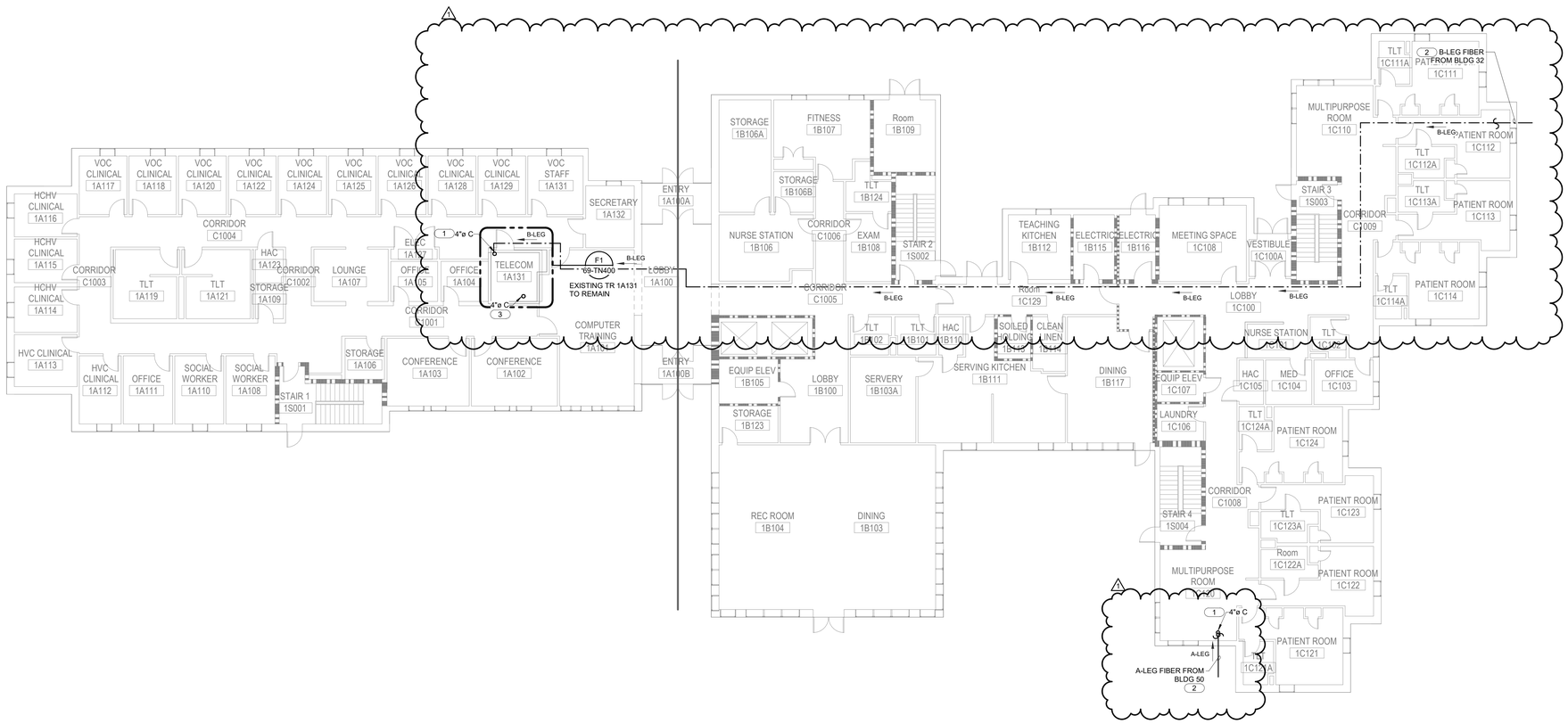


GENERAL NOTES:

1. ALL CALLED OUT REGIONS ARE PROPOSED FUTURE TR/TE LOCATIONS OR EXISTING TR/TE LOCATIONS TO BE EXPANDED.
2. ROUTE ALL STRUCTURED CABLING ON THIS LEVEL TO TR 1A131.
3. THE FIBER OPTIC CABLING ON THIS DRAWINGS DO NOT REPRESENT QUANTITY OR TYPE AND ARE ONLY MEANT TO CONVEY PATHWAY. REFER TO THE OVERALL FIBER OPTIC RISER DIAGRAM ON SHEET 00-TG600 AND THE FIBER OPTIC RISER DIAGRAMS ON SHEETS 00-TG601, 00-TG602, AND 00-TG603 FOR FIBER OPTIC CABLE ROUTING AND QUANTITIES AND ADDITIONAL INFORMATION.

SHEET NOTES:

#

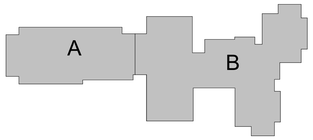
1. PROVIDE AND INSTALL ONE (1) 4" CONDUIT FROM THE CEILING SPACE OF THE LOCATION INDICATED TO THE ROOM ABOVE FOR FIBER DISTRIBUTION. REFER THE FIBER ROUTING PATHWAY DIAGRAM ON 00-TG601 FOR ADDITIONAL INFORMATION.
2. REFER TO TECHNOLOGY SITE PLAN ON 00-TS101 FOR CONDUIT SIZING, QUANTITIES, ROUTING INFORMATION, AND ADDITIONAL INFORMATION.
3. A-LEG FIBER FROM LEVEL ABOVE.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LINETYPE LEGEND:

- B-LEG FIBER PATHWAY
- A-LEG FIBER PATHWAY



PLAN NORTH

Addendum 1	01/19/2026
Revisions:	Date:

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Drawing Title: OVERALL FIRST FLOOR PLAN - TECHNOLOGY	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 69
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Drawing Number: 69-TN100
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 344 of 484

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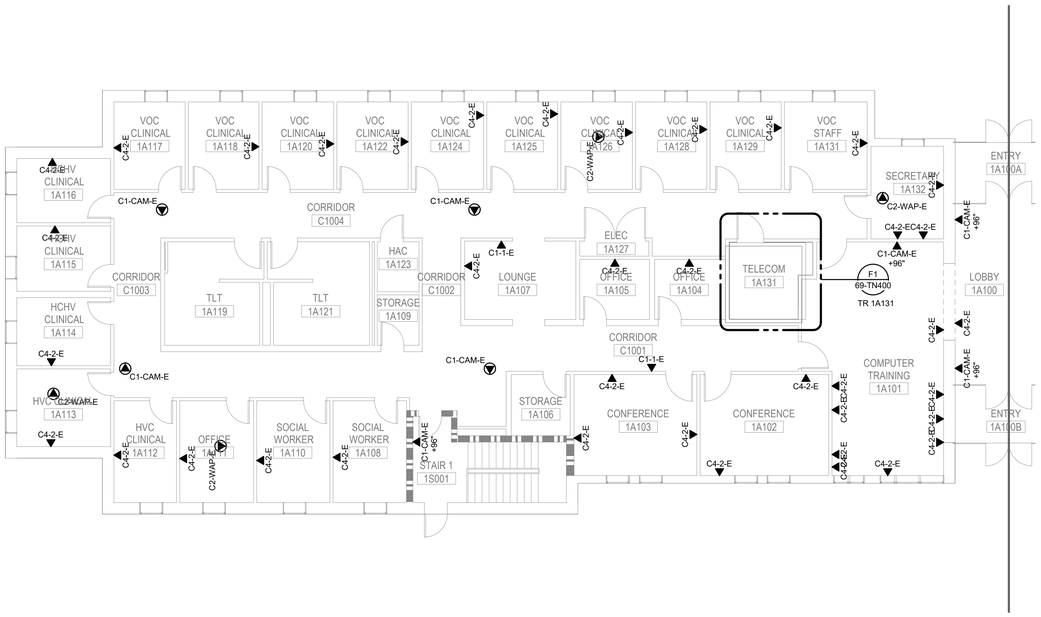

GENERAL NOTES:

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PARTITION LEGEND

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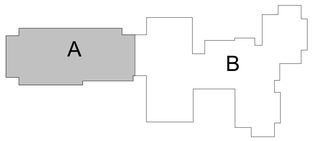

PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20 SCALE FEET

Revisions:	Date:

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Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR PLAN - TECHNOLOGY - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number: 69
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Drawing Number: 69-TN100A
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 345 of 484

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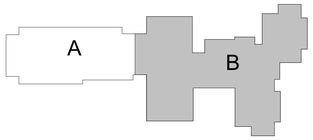

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Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR PLAN - TECHNOLOGY - AREA B	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Building Number: 69	
		Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Drawing Number: 69-TN100B
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 346 of 484

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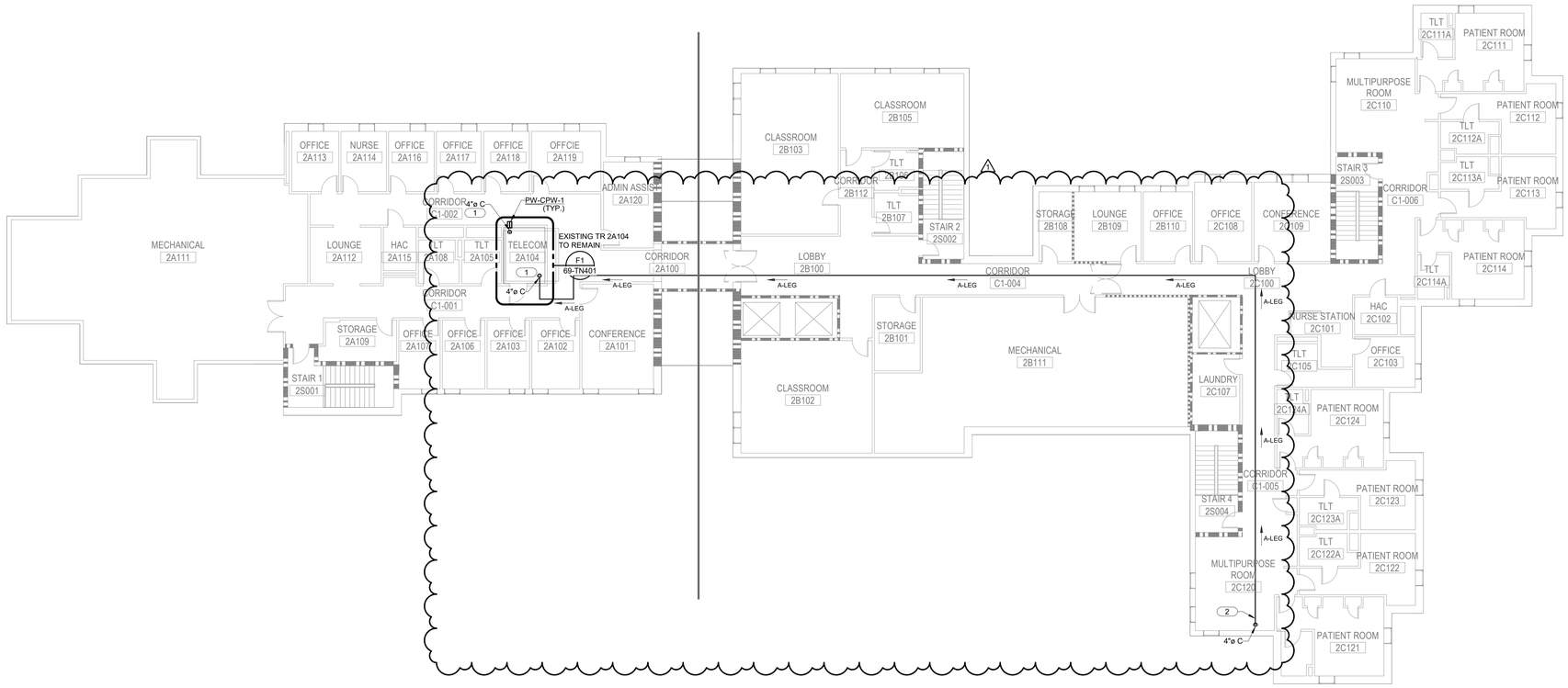


GENERAL NOTES:

1. ALL CALLED OUT REGIONS ARE PROPOSED FUTURE TR/TE LOCATIONS OR EXISTING TR/TE LOCATIONS TO BE EXPANDED.
2. ROUTE ALL STRUCTURED CABLING ON THIS LEVEL TO TR 2A104.
3. THE FIBER OPTIC CABLING ON THIS DRAWINGS DO NOT REPRESENT QUANTITY OR TYPE AND ARE ONLY MEANT TO CONVEY PATHWAY. REFER TO THE OVERALL FIBER OPTIC RISER DIAGRAM ON SHEET 00-TG600 AND THE FIBER OPTIC RISER DIAGRAMS ON SHEETS 00-TG601, 00-TG602, AND 00-TG603 FOR FIBER OPTIC CABLE ROUTING AND QUANTITIES AND ADDITIONAL INFORMATION.

SHEET NOTES:

#

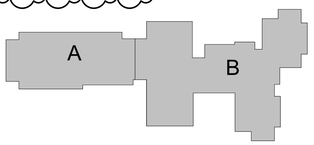
1. CONDUIT STUBBING FROM THE FLOOR BELOW. REFER TO 69-TN100 FOR LOCATION ON FLOOR BELOW. REFER THE FIBER ROUTING PATHWAY DIAGRAM ON 00-TG601 FOR ADDITIONAL INFORMATION.
2. A-LEG FIBER TO ROUTE FROM LEVEL BELOW. ROUTE FIBER THROUGH ABOVE CEILING TO TELECOM ROOM 2A104.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LINETYPE LEGEND

- B-LEG FIBER PATHWAY
- A-LEG FIBER PATHWAY



PLAN NORTH

Addendum 1	01/19/2026
Revisions:	Date:

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REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE082287
03.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL SECOND FLOOR PLAN - TECHNOLOGY	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Building Number: 69	
		Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Drawing Number: 69-TN101
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 347 of 484

VA FORM 08 - 6231

Autodesk Docs://Heinz VAMC EHRM_V25/646A4-22-700.69.T.IMEG_HNZ_C.rvt

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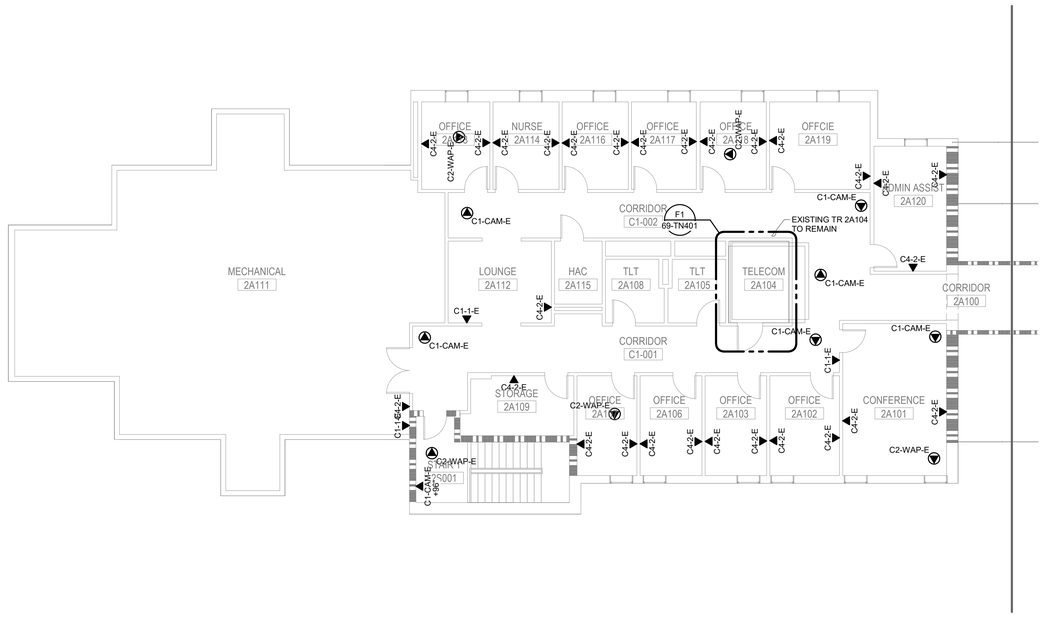
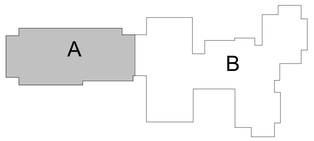


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 69-TD101A FOR EXISTING BACKBOX LOCATIONS AND ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

Revisions:	Date:

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No. PE082281
03.16.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR PLAN - TECHNOLOGY - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 69-TN101A
			SHEET 348 of 484

VA FORM 08 - 6231

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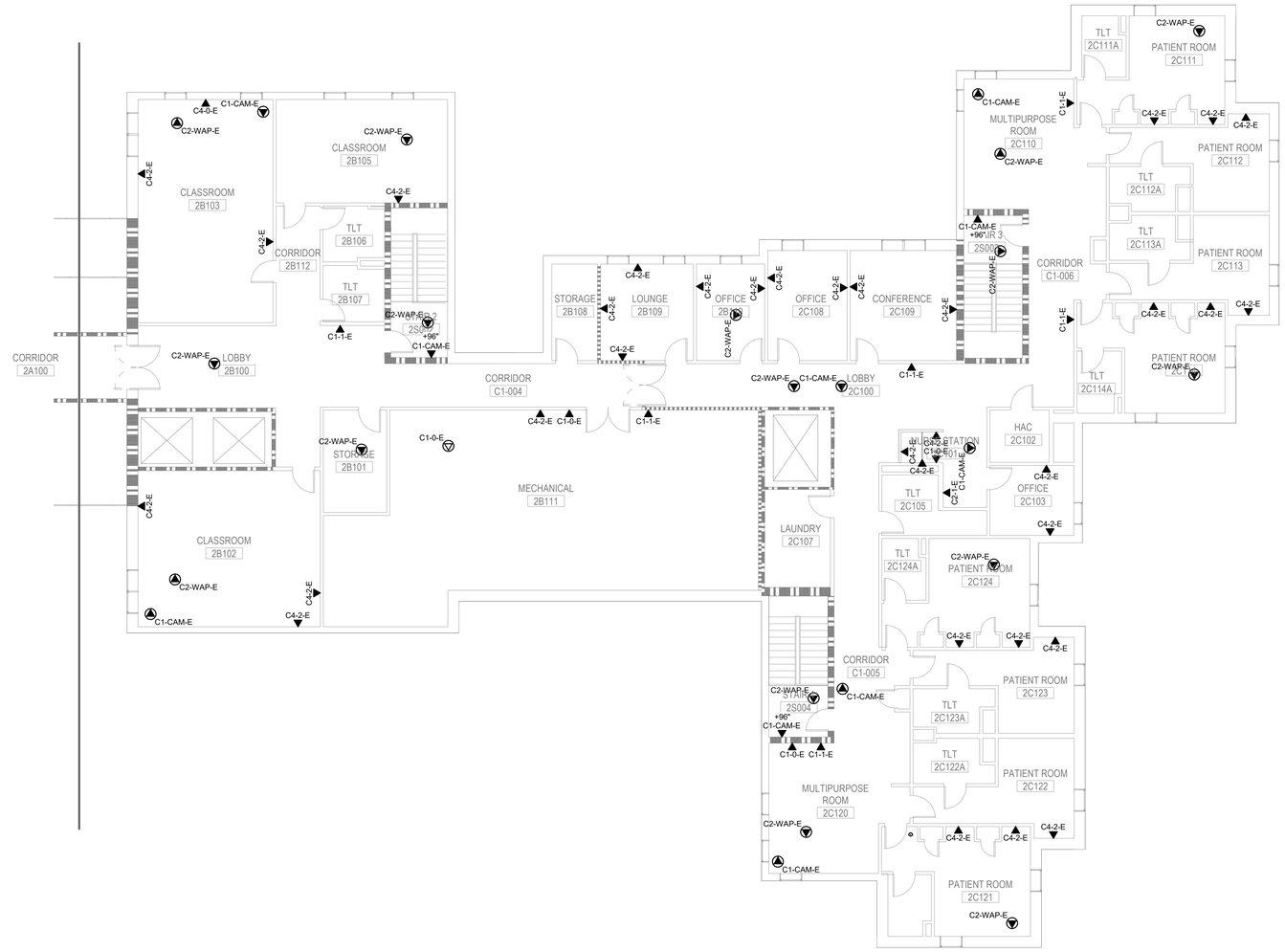
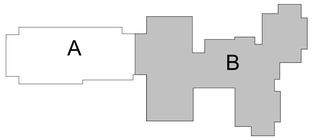


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 69-TD101B FOR EXISTING BACKBOX LOCATIONS AND ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

Revisions:	Date:

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BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
02-10-2026
EXP 09-30-2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR PLAN - TECHNOLOGY - AREA B	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 69-TN101B SHEET 349 of 484

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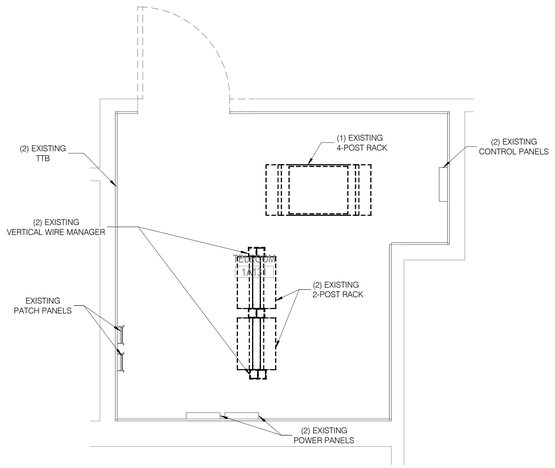
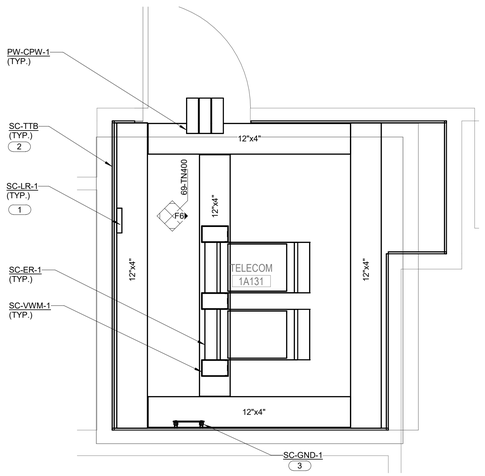


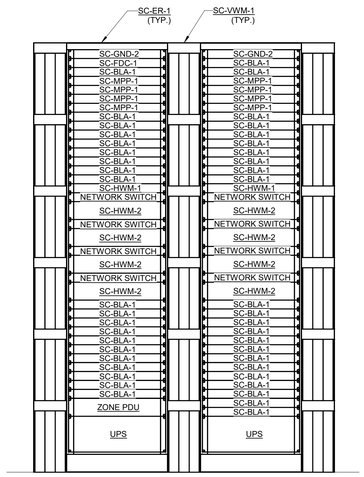
C1 LEVEL 1 - EXISTING TR 1A131 ENLARGED PLAN

1/2" = 1'-0"



F1 LEVEL 1- TR 1A131 ENLARED PLAN

1/2" = 1'-0"



F6 LEVEL-1 TR 1A131 ENLARGED EQUIPMENT RACK ELEVATION

1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SPACE RESERVED FOR SECURITY PANELS IS APPROXIMATE. COORDINATE WITH SECURITY CONTRACTOR FOR SPACE REQUIREMENTS. ANY ADDITIONAL SPACE OUTSIDE THIS AREA WILL NEED TO BE COORDINATED WITH THE COR.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
2. THE FIRE RATED TELEPHONE TERMINAL BOARD (SC-TTB) SHALL COVER ALL THE WALLS IN THE TELECOMMUNICATIONS ROOMS AS SHOWN ABOVE. SHOULD THE WALLS REQUIRE TO BE PAINTED, THE PAINT SHALL BE "FIRE SAFE" PAINT. IF PAINTED, THE FIRE RATED LABEL ON EACH BOARD SHALL NOT BE PAINTED.
3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

Revisions:	Date:

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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER BRIAN JOSEPH LEAVITT No. PE090283
02.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED PLANS - LEVEL 1 - TR 1A131	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 69-TN400
			SHEET 350 of 484

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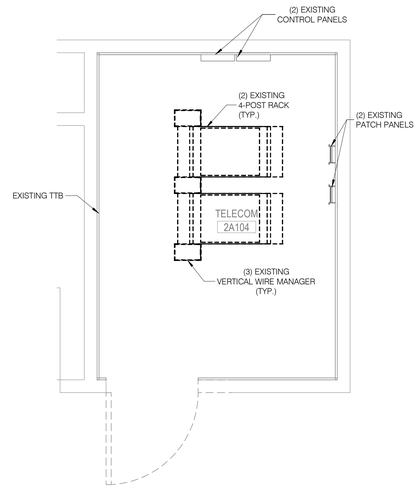
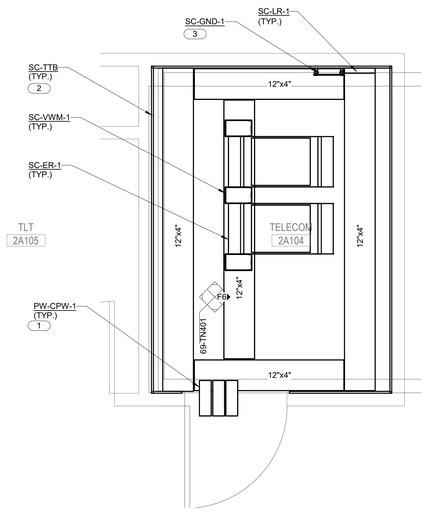


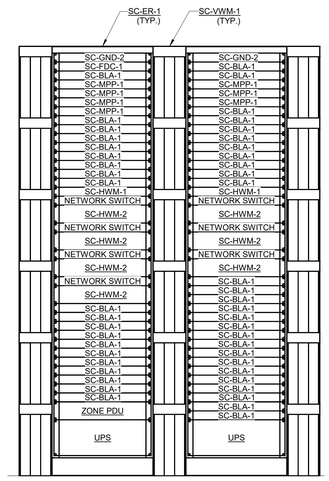
C1 LEVEL 2 - EXISTING TR 2A104 ENLARGED PLAN

1/2" = 1'-0"



F1 LEVEL 2 - TR 2A104 ENLARGED PLAN

1/2" = 1'-0"



F6 LEVEL 2- TR 2A104 ENLARGED EQUIPMENT RACK ELEVATION

1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SPACE RESERVED FOR SECURITY PANELS IS APPROXIMATE. COORDINATE WITH SECURITY CONTRACTOR FOR SPACE REQUIREMENTS. ANY ADDITIONAL SPACE OUTSIDE THIS AREA WILL NEED TO BE COORDINATED WITH THE COR.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
2. THE FIRE RATED TELEPHONE TERMINAL BOARD (SC-TTB) SHALL COVER ALL THE WALLS IN THE TELECOMMUNICATIONS ROOMS AS SHOWN ABOVE. SHOULD THE WALLS REQUIRE TO BE PAINTED, THE PAINT SHALL BE "FIRE SAFE" PAINT. IF PAINTED, THE FIRE RATED LABEL ON EACH BOARD SHALL NOT BE PAINTED.
3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

Revisions:	Date:

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BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
02.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED PLANS - LEVEL 2 - TR 2A104	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD PITTSBURGH PA 15215	Building Number: 69
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 69-TN401
			SHEET 351 of 484

VA FORM 08 - 6231

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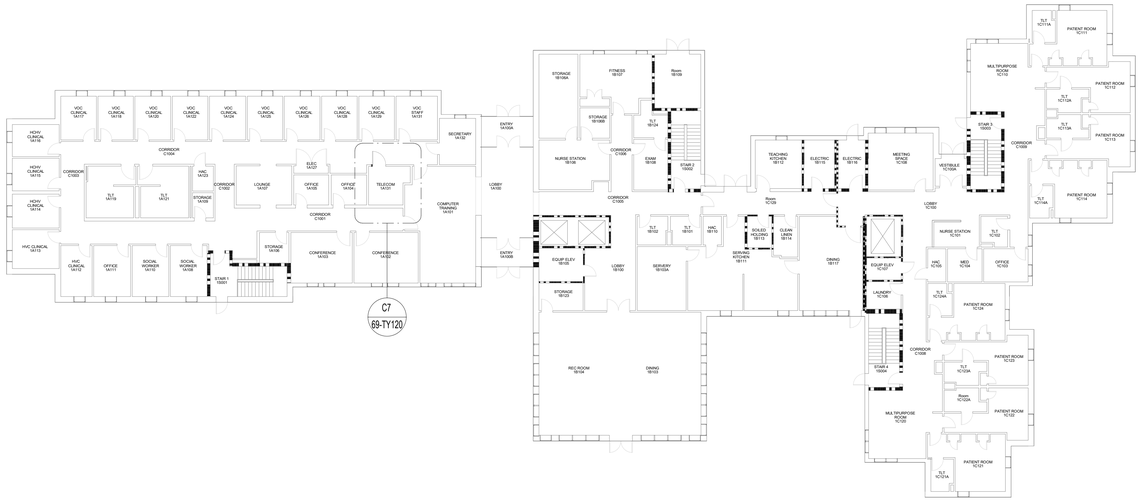
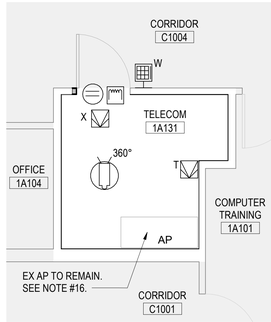
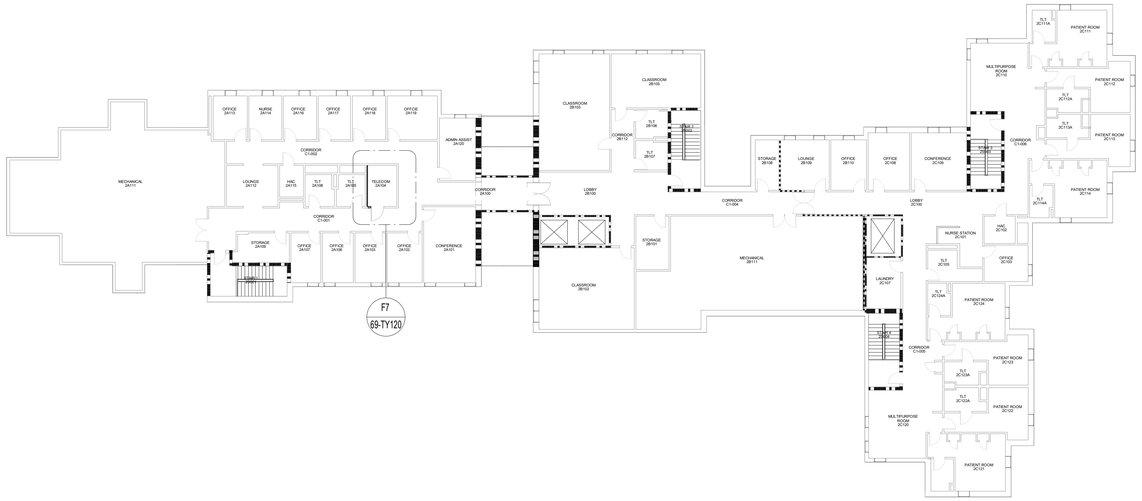


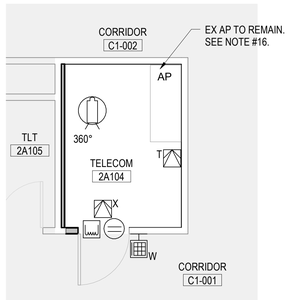
C1 FIRST FLOOR SECURITY PLAN
1/16" = 1'-0"



C7 SECURITY PLAN - TR 1A131
1/4" = 1'-0" REF FROM: C1 / 69-TY120



F1 SECOND FLOOR SECURITY PLAN
1/16" = 1'-0"



F7 SECURITY PLAN - TR 2A104
1/4" = 1'-0" REF FROM: F1 / 69-TY120

GENERAL NOTES:

1. COORDINATE MOUNTING HEIGHTS AND INSTALLATION DETAILS WITH ARCHITECTURAL DRAWINGS.
2. BASE BUILDING SECURITY SYSTEM VENDOR IS MILLER INFORMATION SYSTEMS. COORDINATE SECURITY SYSTEM CABINETS, HEAD-ENDS, AND ASSOCIATED INFRASTRUCTURE TO FEED NEW CAMERA AND ACCESS CONTROL DEVICES WITH BASE BUILDING SECURITY VENDOR.
3. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL BY AE WHICH ARE PREPARED BY BASE BUILDING SECURITY SYSTEM VENDOR. DRAWINGS TO INCLUDE ALL NECESSARY COMPONENTS AND BACK-END EQUIPMENT LOCATIONS FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
4. CONTRACTOR SHALL VERIFY IN FIELD EXISTING AVAILABLE SECURITY SWITCHES, HEAD-ENDS AND ASSOCIATED INFRASTRUCTURE. NEW CAMERAS SHALL BE FED FROM NEAREST AVAILABLE SECURITY CABINET. FOR BID PURPOSES, ASSUME 300FT CABLE LENGTH FROM CAMERA TO SECURITY SWITCH.
5. ACCESS CONTROL SYSTEM: NEW ACCESS CONTROL PROVISIONS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
6. SSTV SYSTEM: NEW SECURITY CAMERAS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
7. ALL CONDUIT AND BACK BOXES REQUIRED FOR THE INSTALLATION OF SECURITY DEVICES AND EQUIPMENT TO BE PROVIDED BY DIV. 26 CONTRACTOR. COORDINATE WITH THE VA FACILITIES DEPARTMENT FOR EXACT LOCATION OF DEVICES.
8. REFERENCE ARCHITECTURAL SHEETS FOR ALL LOCK TYPES, ENCLOSURES, FRAME DETAILS AND PATHWAYS.
9. ALL TELECOM RACKS AND ENCLOSURES TO BE PROVIDED BY DIV. 27 CONTRACTOR.
10. ALL SECURITY SWITCHES AND HEAD-END EQUIPMENT IS EXISTING TO REMAIN. EXISTING CAMERAS BEING FED FROM DECOMMISSIONED TELECOM RACKS, PER TELECOM DRAWINGS AND SCOPE, SHALL BE RE-FED FROM NEW/REPLACEMENT RACKS IN NEW TELECOM ROOM LOCATION. COORDINATE WITH TELECOM DRAWINGS FOR MORE INFORMATION.
11. COORDINATE WITH DOOR HARDWARE SCHEDULE IN ARCHITECTURAL DRAWING SET FOR LOCKING MECHANISM TYPE FOR SECURITY INTEGRATION (ELECTRIC LATCH, ELECTRIC STRIKE, MAGNETIC LOCK). PROVIDE ALL HARDWARE AND ACCESSORIES NECESSARY.
12. MOTION DETECTOR REX TO BE PROGRAMMED AND INTEGRATED WITH DOOR HARDWARE TO PREVENT LOCKING OF DOOR IF ROOM IS OCCUPIED. INSTALL REX MOTION SENSOR ABOVE DOOR FRAME. REX TO BE FAIL-SAFE IN EVENT OF DEVICE MALFUNCTION.
13. PROVIDE TRI-TECH MOTION SENSOR IN DATACENTER (SEPARATE FROM REX) FOR ROOM OCCUPANCY MONITORING TIED TO PACS SYSTEM.
14. SUBMIT COMPLETE ACCESS CONTROL AND VIDEO SURVEILLANCE SUBMITTAL PACKAGE PER SPECIFICATION SECTIONS 282300-1.5D AND 281300-1.4D.
15. SECURITY SYSTEM VIDEO STORAGE REQUIREMENTS: 720P, 15IPS, 80% VIDEO MOTION, 30 DAYS.
16. ALL EXISTING ACRE ACCESS CONTROL PANELS TO REMAIN TO FEED NEW SECURITY DEVICES. CONTRACTOR TO VERIFY EXACT LOCATION AND QUANTITY OF AVAILABLE ACP'S AND INCLUDE IN SUBMITTAL PACKAGE TO AE FOR REVIEW.

SYMBOLS LEGEND:

W — CARD READER WITH KEYPAD (W - WALL MTD)

360° — CEILING MTD. CAMERA, 360 DEGREE, W/ SUPPLEMENTAL IR RING.

ELECTRONIC LOCK

SECURITY ACCESS, SWITCH, BALANCED MAGNETIC CONTROL

MOTION DETECTOR
- T-ROOM OCCUPANCY MOTION SENSOR (TRI-TECH- PIR, MICROWAVE, DOPPLER)
- X-REQUEST-TO-EXIT MOTION SENSOR (DUAL TECH- PIR, MICROWAVE)

VENDOR CONTACT INFORMATION:

Miller Information Systems
POC: Shane Levdansky
EMAIL: slevdansky@millerinfosys.com
P: 412-781-5000 x308

PLAN NORTH
TRUE NORTH

1/4" = 1'-0" SCALE: 2 0 2 4 6 8 10 FEET

1/16" = 1'-0" SCALE: 5 0 5 10 15 20 25 30 35 40 FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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STAMP: REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA-014164

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST & SECOND FLOOR SECURITY PLANS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 69
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH PA 15215	Drawing Number: 69-TY120
		Issue Date: 06.27.2025 / Checked / Drawn	SHEET 352 of 484

Autodesk Docs://Heinz VAMC EHRM_V25/646A-22-700.69-A-HNZ.rvt
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VA FORM 08 - 6231

EHRM INFRASTRUCTURE UPGRADES

VAPHS H.J. HEINZ CAMPUS

1010 DELAFIELD RD, PITTSBURGH, PA 15215

BUILDING 70

FINAL BID DOCUMENTS

06.27.2025

DESIGN TEAM

OWNER

VA PITTSBURGH HEALTHCARE SYSTEM UNIVERSITY DRIVE CAMPUS
4100 Allequippa St.
Pittsburgh, PA 15240-1001

VA | U.S. Department of Veterans Affairs

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LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

ENVIRONMENTAL ENGINEER

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(419) 214-5058

CT consultants

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TOTAL: 59

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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REGISTERED ARCHITECT PENNSYLVANIA
STEVE H. KLOW No. RA404141

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title
COVER SHEET

Approved:

Phase
FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location
1010 DELAFIELD RD,
PITTSBURGH, PA 15215

Issue Date 06.27.2025
Checked
Drawn

Project Number 646A4-22-700
Building Number 70
Drawing Number 70-GI001
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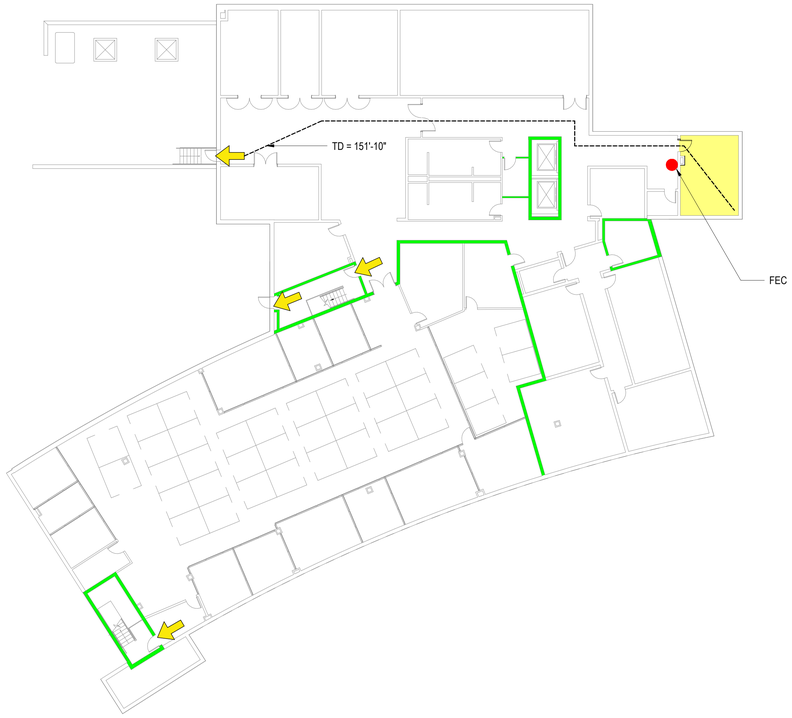
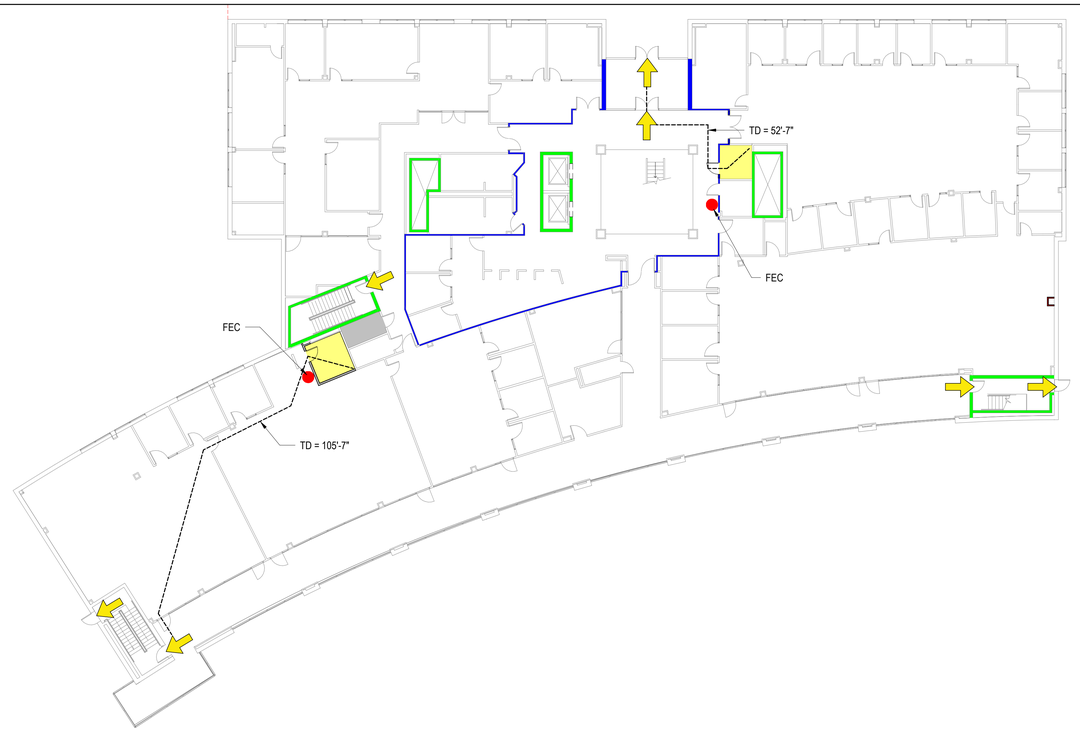
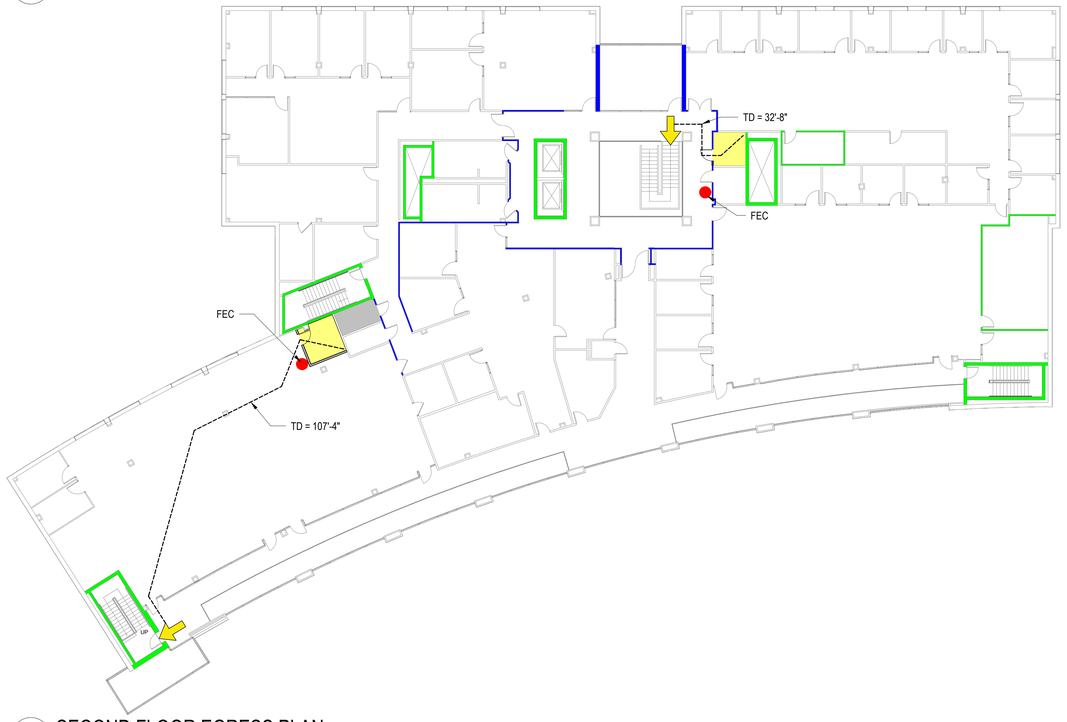


C1 BASEMENT EGRESS PLAN
1/16" = 1'-0"



C4 FIRST FLOOR EGRESS PLAN
1/16" = 1'-0"



F4 SECOND FLOOR EGRESS PLAN
1/16" = 1'-0"

GENERAL NOTES:

FLS LEGEND

- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- EGRESS PATH
- EXIT
- FIRE CABINET (FEC)

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PLAN NORTH

1/16" = 1'-0" 5 0 5 10 15 20 25 30 35 40
SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: EGRESS DIAGRAMS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD., PITTSBURGH, PA 15215	Drawing Number: 70-GI110
		Issue Date: 06.27.2025 / Checked: / Drawn:	SHEET 354 of 484

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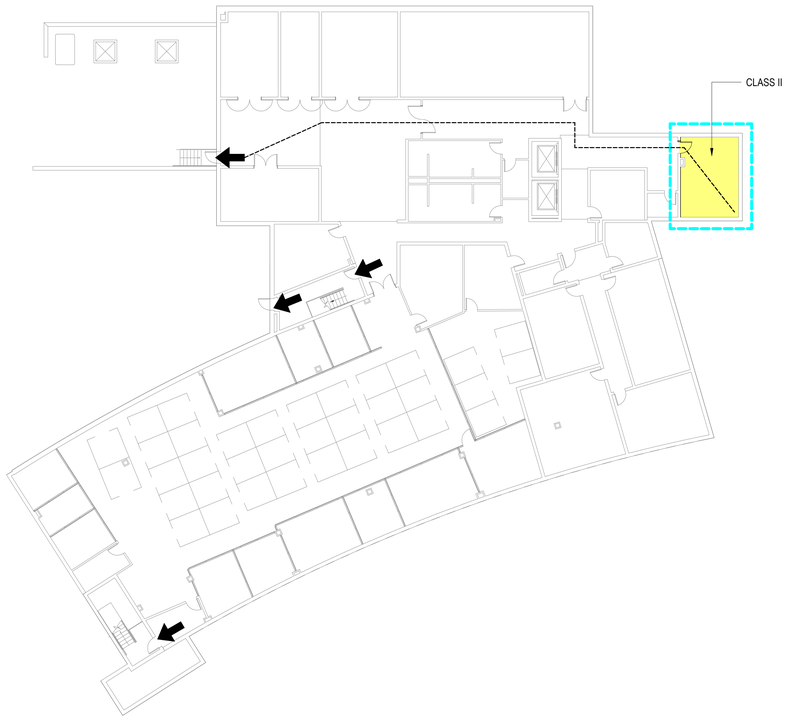
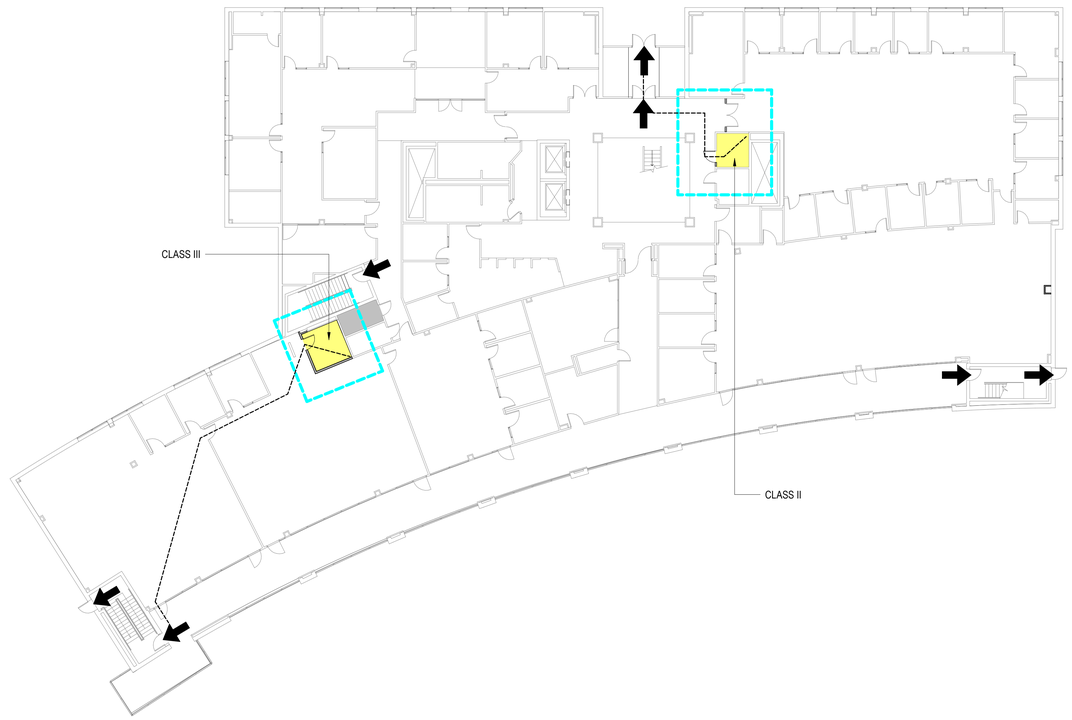
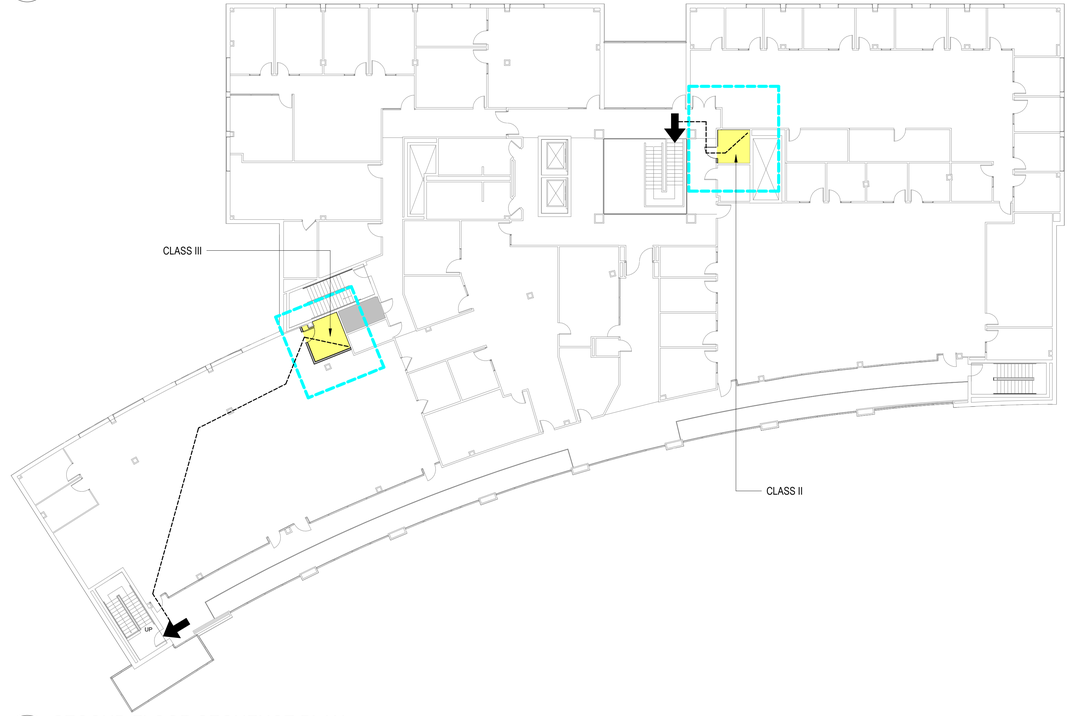


C1 BASEMENT SEQUENCE PLAN
1/16" = 1'-0"



C4 FIRST FLOOR SEQUENCE PLAN
1/16" = 1'-0"



F4 SECOND FLOOR SEQUENCE PLAN
1/16" = 1'-0"

GENERAL NOTES:

1. THIS IS PROVIDED AS AN OUTLINE OF PROJECT WORK. CONTRACTOR RESPONSIBLE FOR SEQUENCING AND COORDINATION OF PHASING AND REFERENCING REQUIRED GUIDANCE IN THE "VA PITTSBURGH HEALTHCARE SYSTEM (VAPHS) MEDICAL CENTER REQUIREMENTS" STATION MANUAL. REVIEW FOR FURTHER GUIDANCE REGARDING DETAILED SITE ENGAGEMENT REQUIREMENTS. FINAL PHASING DETAILS SUBJECT TO CONTRACTOR MEANS AND METHODS AND SCHEDULE.
2. REFER TO ALL DISCIPLINES, PROJECT MANUALS, AND CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR SHALL MAINTAIN EGRESS PASSAGEWAYS MAIN CORRIDOR, ELEVATOR LOBBY, STAIR EXITS, AND FACILITY EGRESS AND EXIT DOORS DURING PROJECT DURATION.

INFECTION CONTROL ASSESSMENT

AREA ID	LEVEL	ROOM NUMBER	PROGRAM	ICRA ACTIVITY TYPE	ICRA RISK GROUP	ICRA REQS
70		1A140A	NEW	C	LOW	III
70		2A239A	NEW	C	LOW	III
70		BA003	REMAIN	B/C	LOW	II
70		2A260	REMAIN	C	LOW	II
70		1A166	REMAIN	C	LOW	II

SEQUENCE LEGEND

- AREA OF WORK
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- ACCESS PATH
- EXIT

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PLAN NORTH

1/16" = 1'-0" 5 0 5 10 15 20 25 30 35 40 SCALE FEET

Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SEQUENCE DIAGRAMS

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD., PITTSBURGH, PA 15215

Issue Date: 06.27.2025

Checked:

Drawn:

Project Number: 646A4-22-700

Building Number: 70

Drawing Number: 70-GI115

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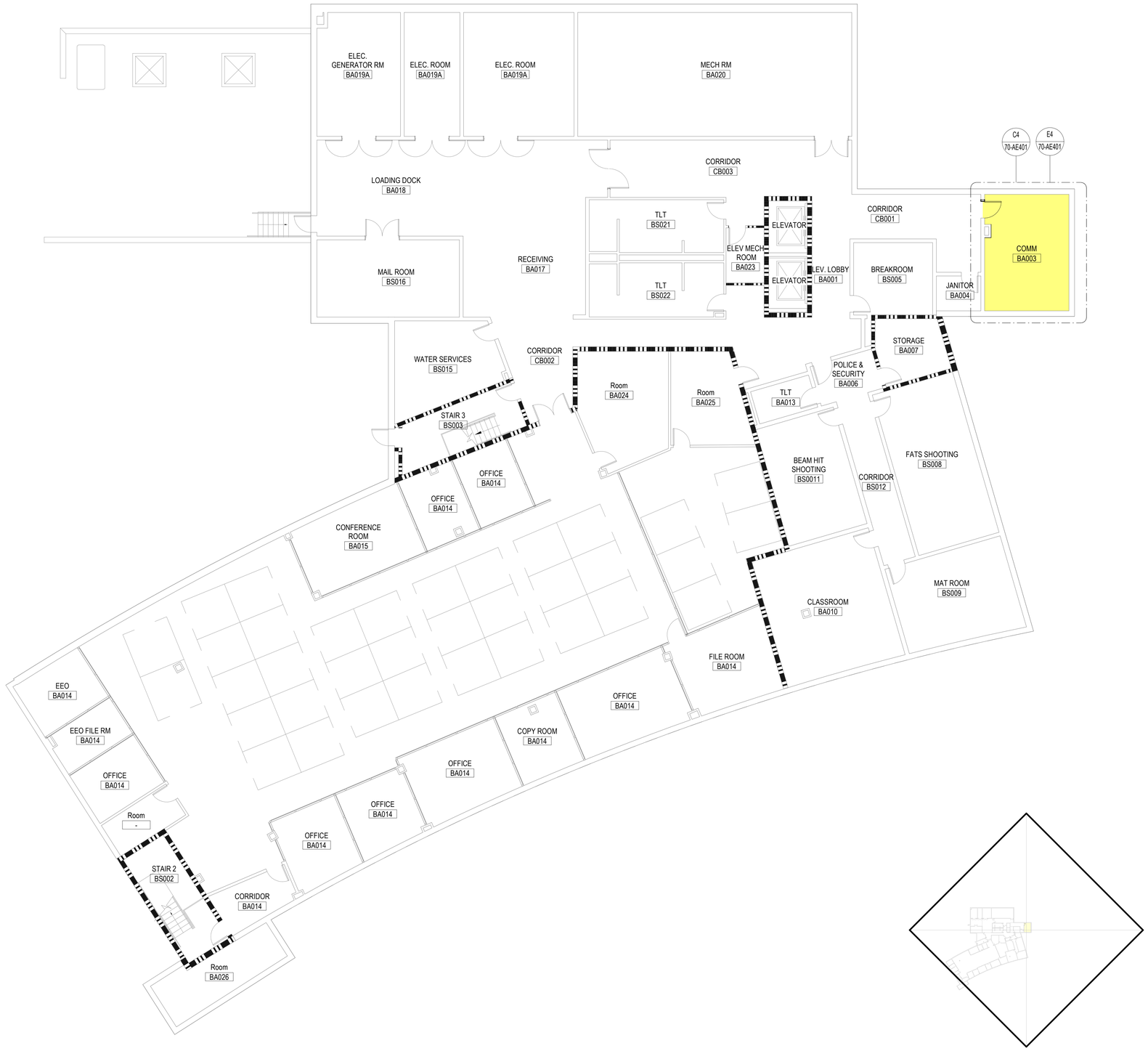

GENERAL NOTES:

BLDG	FLR	RV	ROOM	NMATRIX	PROPOSAL	ALT	RACK	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
70	B		BA003	YES	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.	10'-0"	10'-0"		

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

Revisions:	Date:

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REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA-014154

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT FLOOR PLAN

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

Issue Date: 06.27.2025

Checked:

Drawn:

Project Number: 646A4-22-700

Building Number: 70

Drawing Number: 70-AE120

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GENERAL NOTES:

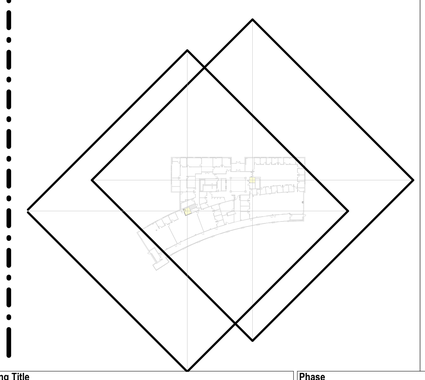
BLDG	FLR	RV	ROOM	NMATRIX	PROPOSAL	ALT	RACK	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
70	1		1A140A	YES	EXPAND		2	Proposed.Expand to adjacent space and use existing 1A140 as corridor access. Will require a new 10x10 footprint to accommodate coverage needs. VA notes existing key card access for OIT in place to adjacent spaces and separate corridor access should not be required.	7'-10"	10'-0"		
70	1		1A166	YES	REMAIN		2	Proposed. Existing dimensions undersized. Exception to retain as is.	8'-5"	8'-10"	YES	

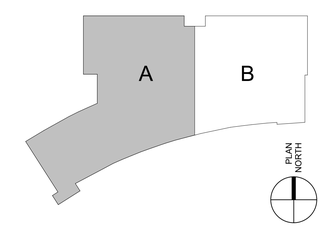
EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER





1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - AREA A	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 70-AE121A
		Issue Date: 06.27.2025 / Checked: / Drawn:	SHEET 357 of 484

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GENERAL NOTES:

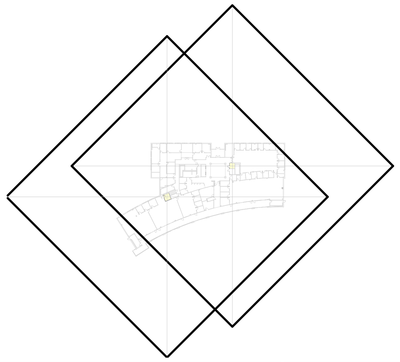
BLDG	FLR	RV	ROOM	NMATRIX	PROPOSAL	ALT	RACK	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
70	1		1A140A	YES	EXPAND		2	Proposed.Expand to adjacent space and use existing 1A140 as corridor access. Will require a new 10x10 footprint to accommodate coverage needs. VA notes existing key card access for OIT in place to adjacent spaces and separate corridor access should not be required.	7'-10"	10'-0"		
70	1		1A166	YES	REMAIN		2	Proposed. Existing dimensions undersized. Exception to retain as is.	8'-5"	8'-10"	YES	

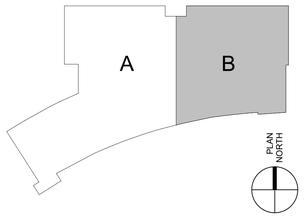
EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER





1/8" = 1'-0" 5 0 5 10 15 20
SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR PLAN - AREA B	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 70-AE121B
			SHEET 358 of 484

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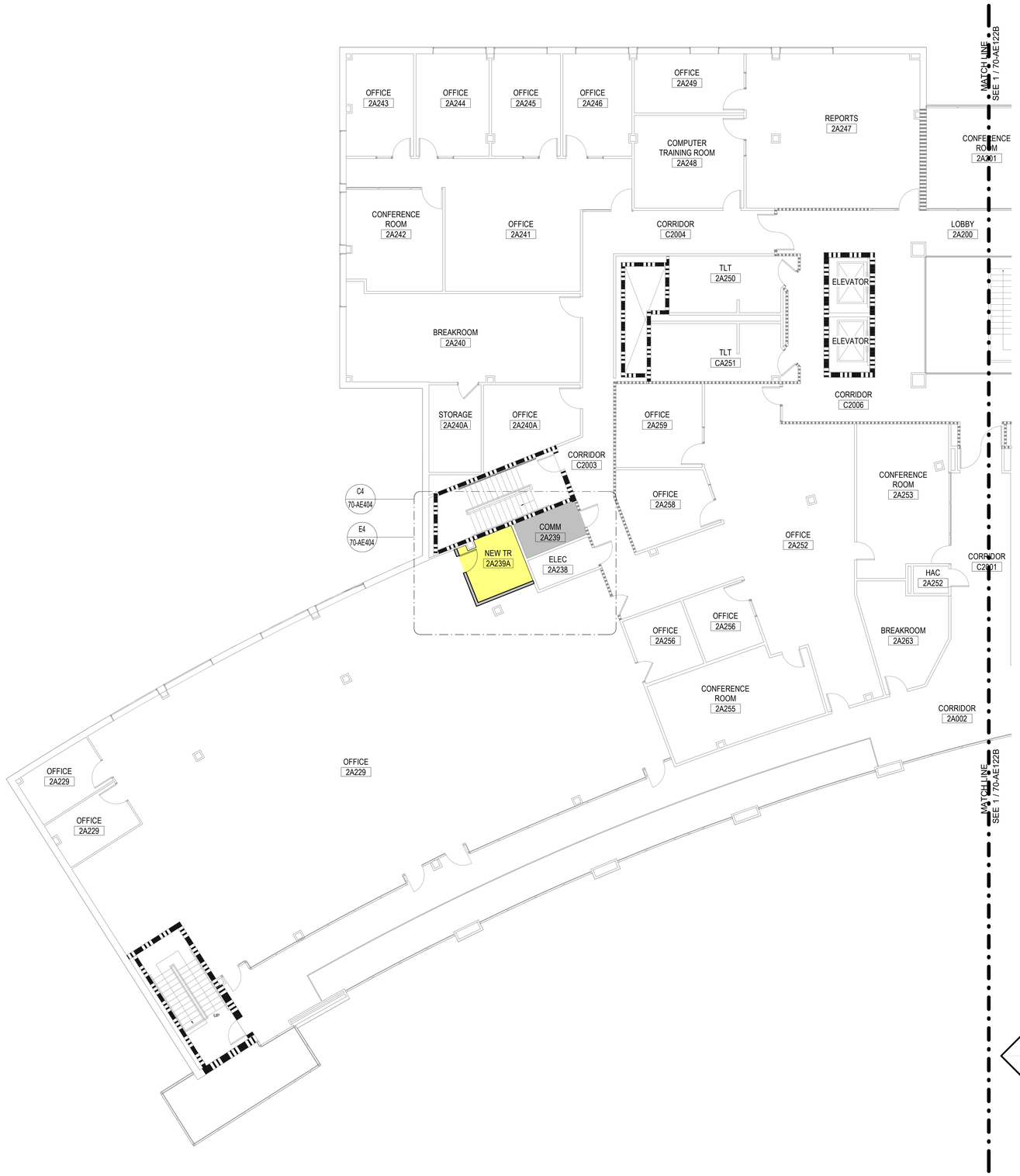


GENERAL NOTES:

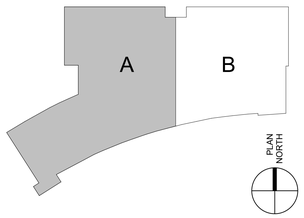
BLDG	FLR	RV	ROOM	NMATRIX	PROPOSAL	ALT	PACK	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
70	2		2A239A	YES	EXPAND		2	Proposed. Expand to adjacent space and use existing 2A239 as corridor access. Will require a new 10x10 footprint to accommodate coverage needs. VA notes existing key card access for OIT in place to adjacent spaces and separate corridor access should not be required.	7'-10"	10'-0"		
70	2		2A260	YES	REMAIN		2	Proposed. Exception to retain as is. Slightly undersized.	8'-6"	8'-9"	YES	

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

Revisions:	Date:

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REGISTERED ARCHITECT PENNSYLVANIA RENE H. KLOW No. RA401141

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR PLAN - AREA A

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

Issue Date: 06.27.2025

Checked

Drawn

Project Number: 646A4-22-700

Building Number: 70

Drawing Number: 70-AE122A

SHEET 359 of 484

VA FORM 08 - 6231

Autodesk Docs://Heinz VAMC EHRM_V25/646A-22-700.70.A.HNZ.rvt

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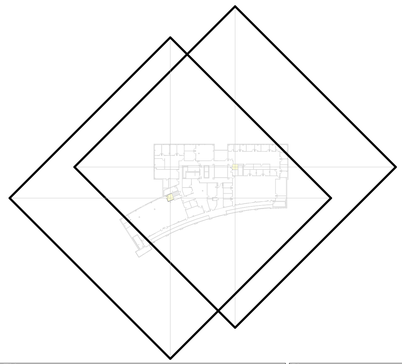


GENERAL NOTES:

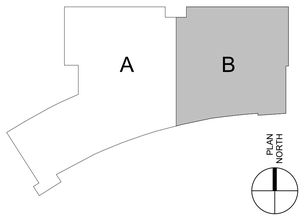
BLDG	FLR	RV	ROOM	NMATRIX	PROPOSAL	ALT	RACK	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
70	2		2A239A	YES	EXPAND		2	Proposed. Expand to adjacent space and use existing 2A239 as corridor access. Will require a new 10x10 footprint to accommodate coverage needs. VA notes existing key card access for OIT in place to adjacent spaces and separate corridor access should not be required.	7'-10"	10'-0"		
70	2		2A260	YES	REMAIN		2	Proposed. Exception to retain as is. Slightly undersized.	8'-6"	8'-9"	YES	

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

A/E:
Awen Solutions Group
215 N. Payne Street, Suite 122
Alexandria, VA 22312

STAMP

REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA-027141

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR PLAN - AREA B

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

Issue Date: 06.27.2025

Checked

Drawn

Project Number: 646A4-22-700

Building Number: 70

Drawing Number: 70-AE122B

SHEET 360 of 484

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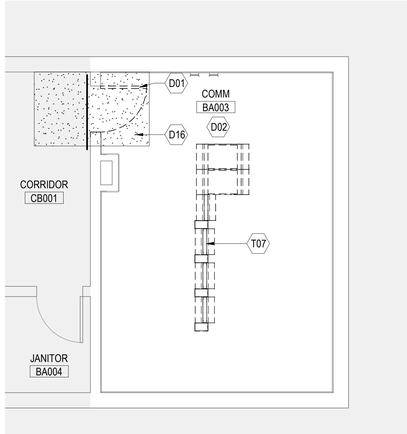
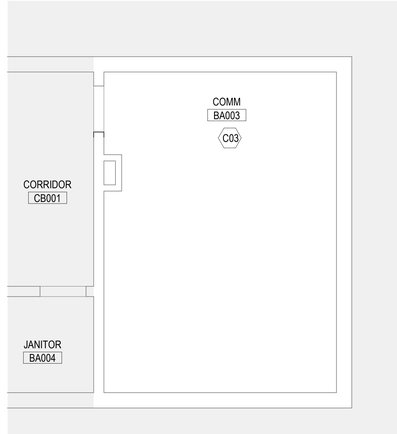
Autodesk Docs://Heinz VAMC EHRM_V2026/646A-22-700 70-A HNZ.rvt

VA FORM 08 - 6231



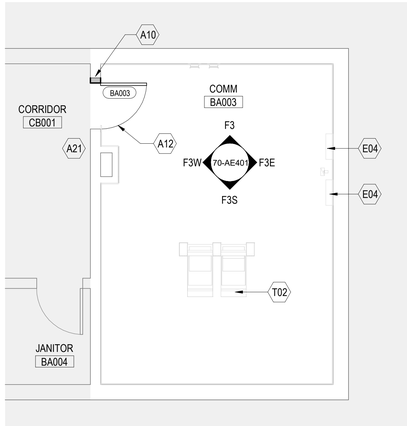
FLOOR PLAN



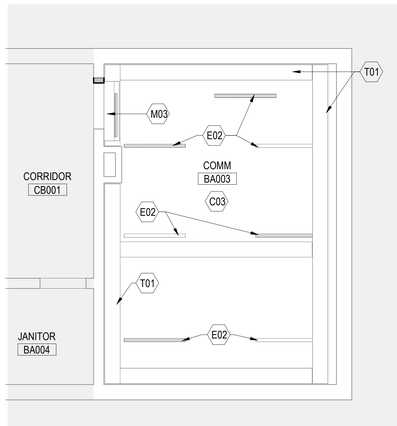
REFLECTED CEILING PLAN

C4 TR BA003 DEMO PLAN AND RCP

1/4" = 1'-0" REF FROM: 1 / 70-AE120



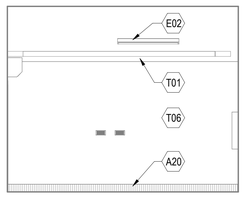
FLOOR PLAN



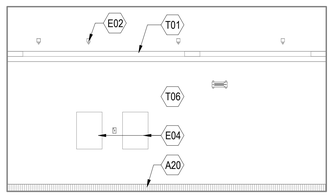
REFLECTED CEILING PLAN

E4 TR BA003 FLOOR PLAN AND RCP

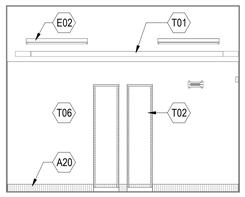
1/4" = 1'-0" REF FROM: 1 / 70-AE120



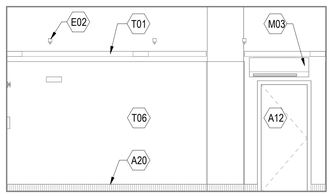
F3 - NORTH ELEVATION



F3E - EAST ELEVATION



F3S - SOUTH ELEVATION



F3W - WEST ELEVATION

F3 TR BA003 INTERIOR ELEVATIONS

1/4" = 1'-0" REF FROM: E4 / 70-AE401

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
2. ALL INTERIOR PARTITIONS ARE TYPE B3, UNLESS OTHERWISE NOTED. SEE PARTITION TYPES ON SHEET 00-AE520.
3. REFER TO FINISH SCHEDULE FOR MATERIALS SUCH AS TILE AND PANELING APPLIED TO WALLS.
4. CLEAR (CLR) DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, INCLUDING APPLIED FINISHES SUCH AS TILE.
5. DIMENSIONS SHOWN FROM EXISTING WALLS ARE FROM FACE OF FINISH.
6. DIMENSIONS FOR NEW PARTITIONS ARE FROM CENTER LINE OF FRAMING, UNLESS OTHERWISE NOTED.
7. OFFSET STUDS TO ACCOMMODATE MULTIPLE LAYERS OF GYPSUM BOARD, SEE WALL TYPES.
8. SOME SHEET KEYNOTES LISTED BELOW MAY NOT APPLY TO THIS SHEET.
9. DIMENSIONS PRECEDED BY A TILDE (~) ARE APPROXIMATE, SUBJECT TO FIELD VERIFICATION.
10. ASBESTOS MAY BE PRESENT. REFERENCE ASBESTOS REPORTS FOR LOCATION AND MATERIAL DETAIL. REFERENCE SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
11. PATCHES OF EXISTING CORRIDOR OR PUBLIC FACE OF WALLS SHALL BE PAINTED WALL TO WALL TO MATCH EXISTING. TYPICAL.

SHEET NOTES:

A10	OPENING INFILL, REFERENCE DETAIL B7/00-AE526, PAINT WALL TO WALL AT BOTH SIDES TO INCLUDE CORRIDOR.
A12	DOOR AS SCHEDULED, REFER TO DOOR SCHEDULE SHEET.
A20	BASE TRIM AS SCHEDULED, REFER TO FINISH SCHEDULE.
A21	SIGNAGE LOCATION TO BE CONFIRMED WITH VA STATION. FINAL SIGNAGE PROVIDED AND INSTALLED BY VA.
C03	OPEN TO STRUCTURE.
D01	PROVIDE WALK OFF MATS AND PLASTIC SHEETING (VISQUEEN) AT CONSTRUCTION AREAS. STARC WALL SYSTEM PANELS OR SIMILAR TEMP PANELS USED WHEN CONSTRUCTION EXCEEDS 48 HRS TYPICAL.
D02	REMOVE FINISH FLOOR MATERIAL. PREP FLOOR TO RECEIVE SCHEDULED FLOOR FINISH. FOR EXISTING CONCRETE FLOORS, PREP FLOOR PER MANUFACTURER'S INSTRUCTIONS.
D16	EXISTING ACT CEILING TO REMAIN.
E02	INTERIOR LIGHTING, SEE ELECTRICAL DRAWINGS
E04	PANELBOARD, SEE ELECTRICAL DRAWINGS
M03	WALL MOUNTED SPLIT SYSTEM AIR CONDITIONING UNIT, SEE MECHANICAL DRAWINGS
T01	HORIZONTAL CABLE TRAY, SEE TELECOMMUNICATIONS DRAWINGS
T02	COMMUNICATIONS RACK SYSTEM, SEE TELECOMMUNICATION DRAWINGS
T06	EXISTING PLYWOOD TO REMAIN.
T07	REFER TO TELECOMMUNICATION DRAWINGS FOR NEW OR EXISTING EQUIPMENT

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LEGEND

- OUT OF SCOPE AREAS, COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THIS AREA
- REMOVE CEILING AND ASSOCIATED SUPPORT AND SEISMIC BRACING, FIXTURES, AND ACCESSORIES, TYPICAL WITHIN DEMOLITION BOUNDARY. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED
- REMOVE GYPSUM BOARD CEILING AND ASSOCIATED SUPPORT/SUSPENSION SYSTEM, FIXTURES, AND ACCESSORIES
- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS

PLAN NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10 SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

A/E:
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Alexandria, VA 22312

STAMP: REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA-041647

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	ENLARGED PLANS - BASEMENT - TR BA003
Phase	FINAL BID DOCUMENTS
Approved:	
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS
Project Number	646A4-22-700
Building Number	70
Location	1010 DELAFIELD RD, PITTSBURGH, PA 15215
Issue Date	06.27.2025
Checked	
Drawn	
Drawing Number	70-AE401
	SHEET 361 of 484

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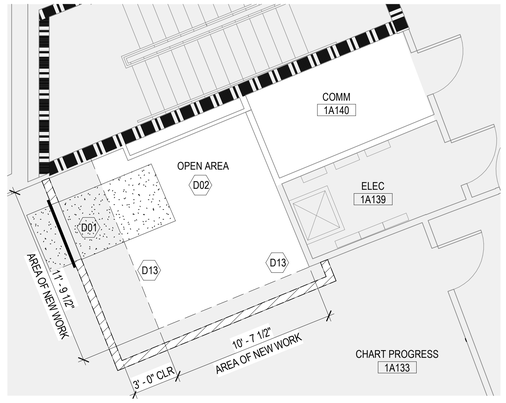
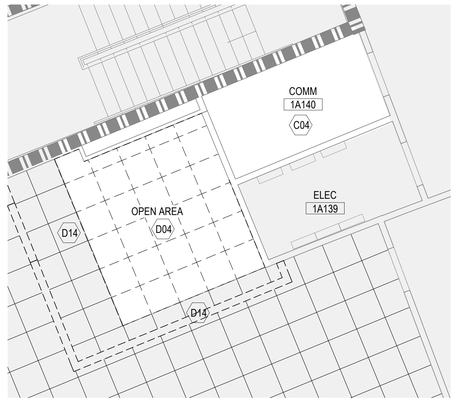


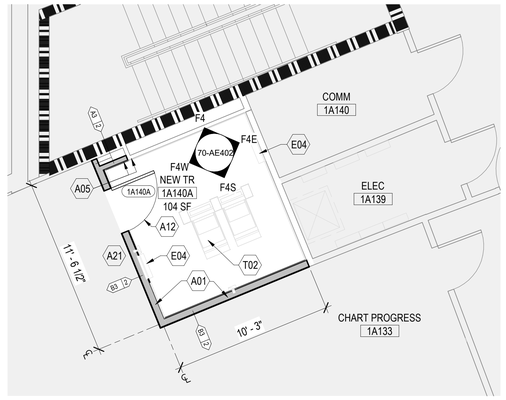
FLOOR PLAN



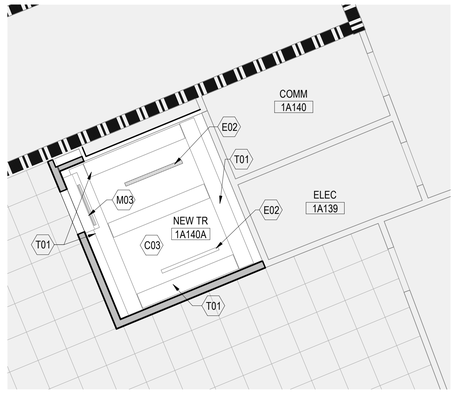
REFLECTED CEILING PLAN

C4 TR 1A140A DEMO PLAN AND RCP

1/4" = 1'-0" REF FROM: 1 / 70-AE121A



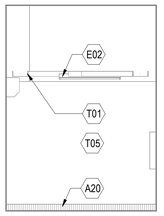
FLOOR PLAN



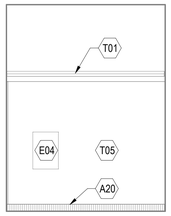
REFLECTED CEILING PLAN

E4 TR 1A140A FLOOR PLAN AND RCP

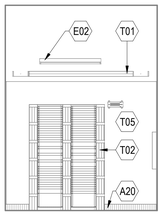
1/4" = 1'-0" REF FROM: 1 / 70-AE121A



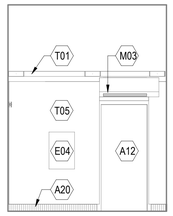
F4 - NORTH ELEVATION



F4E - EAST ELEVATION



F4S - SOUTH ELEVATION



F4W - WEST ELEVATION

F4 TR 1A140A INTERIOR ELEVATIONS

1/4" = 1'-0" REF FROM: E4 / 70-AE402

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
2. ALL INTERIOR PARTITIONS ARE TYPE B3, UNLESS OTHERWISE NOTED. SEE PARTITION TYPES ON SHEET 00-AE520.
3. REFER TO FINISH SCHEDULE FOR MATERIALS SUCH AS TILE AND PANELING APPLIED TO WALLS.
4. CLEAR (CLR) DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, INCLUDING APPLIED FINISHES SUCH AS TILE.
5. DIMENSIONS SHOWN FROM EXISTING WALLS ARE FROM FACE OF FINISH.
6. DIMENSIONS FOR NEW PARTITIONS ARE FROM CENTER LINE OF FRAMING, UNLESS OTHERWISE NOTED.
7. OFFSET STUDS TO ACCOMMODATE MULTIPLE LAYERS OF GYPSUM BOARD, SEE WALL TYPES.
8. SOME SHEET KEYNOTES LISTED BELOW MAY NOT APPLY TO THIS SHEET.
9. DIMENSIONS PRECEDED BY A TILDE (~) ARE APPROXIMATE, SUBJECT TO FIELD VERIFICATION.
10. ASBESTOS MAY BE PRESENT. REFERENCE ASBESTOS REPORTS FOR LOCATION AND MATERIAL DETAIL. REFERENCE SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
11. PATCHES OF EXISTING CORRIDOR OR PUBLIC FACE OF WALLS SHALL BE PAINTED WALL TO WALL TO MATCH EXISTING. TYPICAL.

SHEET NOTES:

A01	INTERIOR NON-BEARING WALL, GYPSUM WALLBOARD, ON METAL STUDS, SEE PARTITION TYPES, SHEET 00-AE520
A05	ALIGN FINISHES.
A12	DOOR AS SCHEDULED, REFER TO DOOR SCHEDULE SHEET.
A20	BASE TRIM AS SCHEDULED, REFER TO FINISH SCHEDULE.
A21	SIGNAGE LOCATION TO BE CONFIRMED WITH VA STATION. FINAL SIGNAGE PROVIDED AND INSTALLED BY VA.
C03	OPEN TO STRUCTURE.
C04	EXISTING CEILING TO REMAIN.
D01	PROVIDE WALK OFF MATS AND PLASTIC SHEETING (VISQUEEN) AT CONSTRUCTION AREAS. STARC WALL SYSTEM PANELS OR SIMILAR TEMP PANELS USED WHEN CONSTRUCTION EXCEEDS 48 HRS TYPICAL.
D02	REMOVE FINISH FLOOR MATERIAL. PREP FLOOR TO RECEIVE SCHEDULED FLOOR FINISH. FOR EXISTING CONCRETE FLOORS, PREP FLOOR PER MANUFACTURER'S INSTRUCTIONS.
D04	REMOVE EXISTING CEILING AND ASSOCIATED SUPPORT AND BRACING, FIXTURES, AND ACCESSORIES. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED.
D13	PATCH/REPAIR FLOOR FINISH DISTURBED BY CONSTRUCTION TO MATCH EXISTING.
D14	PATCH/REPAIR CEILING FINISH DISTURBED BY CONSTRUCTION TO MATCH EXISTING.
E02	INTERIOR LIGHTING, SEE ELECTRICAL DRAWINGS
E04	PANELBOARD, SEE ELECTRICAL DRAWINGS
M03	WALL MOUNTED SPLIT SYSTEM AIR CONDITIONING UNIT, SEE MECHANICAL DRAWINGS
T01	HORIZONTAL CABLE TRAY, SEE TELECOMMUNICATIONS DRAWINGS
T02	COMMUNICATIONS RACK SYSTEM, SEE TELECOMMUNICATION DRAWINGS
T05	TELEPHONE/DATA TERMINAL BACKBOARDS, TYPICAL ALL WALLS, U.O.N. SEE ELECTRICAL DRAWINGS

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LEGEND

- OUT OF SCOPE AREAS, COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THIS AREA
- REMOVE CEILING AND ASSOCIATED SUPPORT AND SEISMIC BRACING, FIXTURES, AND ACCESSORIES, TYPICAL WITHIN DEMOLITION BOUNDARY. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED
- REMOVE GYPSUM BOARD CEILING AND ASSOCIATED SUPPORT/SUSPENSION SYSTEM, FIXTURES, AND ACCESSORIES
- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS

PLAN NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10 SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

A/E:
Awen Solutions Group
215 N. Payne Street, Suite 122
Alexandria, VA 22312

STAMP: REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA-024154

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - FIRST FLOOR - TR 1A140A	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-AE402
		Issue Date: 06.27.2025 / Checked: / Drawn:	SHEET 362 of 484

VA FORM 08 - 6231

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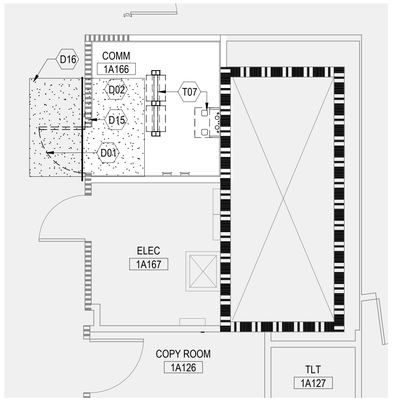
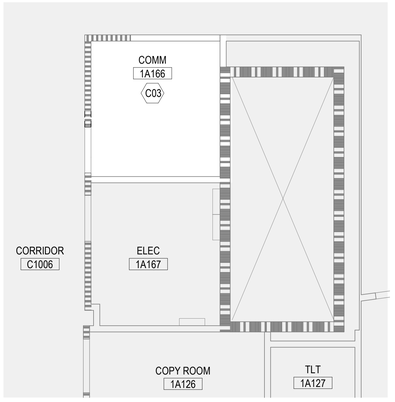
Autodesk Docs://Heinz VAMC EHRM_V25/646A-22-700.70-A-HNZ-r4



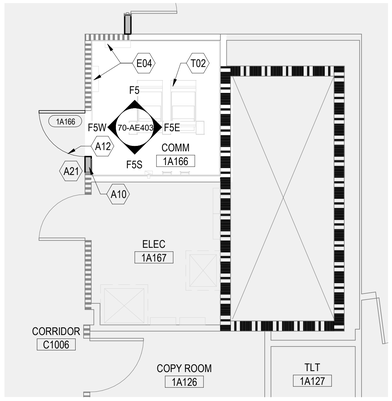
FLOOR PLAN



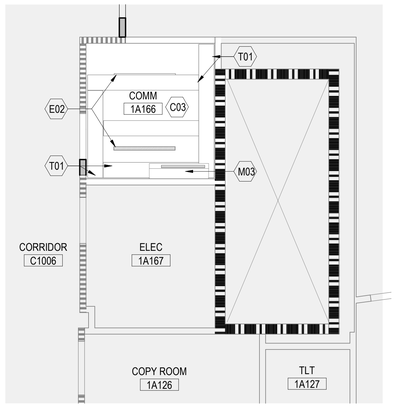
REFLECTED CEILING PLAN

C4 TR 1A166 DEMO PLAN AND RCP

1/4" = 1'-0" REF FROM: 1 / 70-AE121B



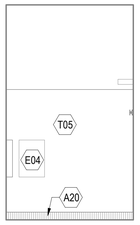
FLOOR PLAN



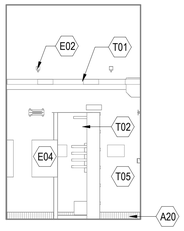
REFLECTED CEILING PLAN

E5 TR 1A166 FLOOR PLAN AND RCP

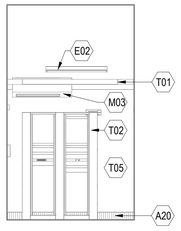
1/4" = 1'-0" REF FROM: 1 / 70-AE121B



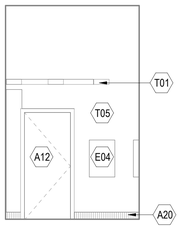
F5 - NORTH ELEVATION



F5E - EAST ELEVATION



F5S - SOUTH ELEVATION



F5W - WEST ELEVATION

F5 TR 1A166 INTERIOR ELEVATIONS

1/4" = 1'-0" REF FROM: E5 / 70-AE403

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
2. ALL INTERIOR PARTITIONS ARE TYPE B3, UNLESS OTHERWISE NOTED. SEE PARTITION TYPES ON SHEET 00-AE520.
3. REFER TO FINISH SCHEDULE FOR MATERIALS SUCH AS TILE AND PANELING APPLIED TO WALLS.
4. CLEAR (CLR) DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, INCLUDING APPLIED FINISHES SUCH AS TILE.
5. DIMENSIONS SHOWN FROM EXISTING WALLS ARE FROM FACE OF FINISH.
6. DIMENSIONS FOR NEW PARTITIONS ARE FROM CENTER LINE OF FRAMING, UNLESS OTHERWISE NOTED.
7. OFFSET STUDS TO ACCOMMODATE MULTIPLE LAYERS OF GYPSUM BOARD, SEE WALL TYPES.
8. SOME SHEET KEYNOTES LISTED BELOW MAY NOT APPLY TO THIS SHEET.
9. DIMENSIONS PRECEDED BY A TILDE (~) ARE APPROXIMATE, SUBJECT TO FIELD VERIFICATION.
10. ASBESTOS MAY BE PRESENT. REFERENCE ASBESTOS REPORTS FOR LOCATION AND MATERIAL DETAIL. REFERENCE SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
11. PATCHES OF EXISTING CORRIDOR OR PUBLIC FACE OF WALLS SHALL BE PAINTED WALL TO WALL TO MATCH EXISTING. TYPICAL.

SHEET NOTES:

A10	OPENING INFILL, REFERENCE DETAIL B7/00-AE526, PAINT WALL TO WALL AT BOTH SIDES TO INCLUDE CORRIDOR.
A12	DOOR AS SCHEDULED, REFER TO DOOR SCHEDULE SHEET.
A20	BASE TRIM AS SCHEDULED, REFER TO FINISH SCHEDULE.
A21	SIGNAGE LOCATION TO BE CONFIRMED WITH VA STATION. FINAL SIGNAGE PROVIDED AND INSTALLED BY VA.
C03	OPEN TO STRUCTURE.
D01	PROVIDE WALK OFF MATS AND PLASTIC SHEETING (VISQUEEN) AT CONSTRUCTION AREAS. STARC WALL SYSTEM PANELS OR SIMILAR TEMP PANELS USED WHEN CONSTRUCTION EXCEEDS 48 HRS TYPICAL.
D02	REMOVE FINISH FLOOR MATERIAL. PREP FLOOR TO RECEIVE SCHEDULED FLOOR FINISH. FOR EXISTING CONCRETE FLOORS, PREP FLOOR PER MANUFACTURER'S INSTRUCTIONS.
D15	REMOVE PORTION OF EXISTING WALL TO FACILITATE INSTALLATION OF NEW DOOR.
D16	EXISTING ACT CEILING TO REMAIN.
E02	INTERIOR LIGHTING, SEE ELECTRICAL DRAWINGS
E04	PANELBOARD, SEE ELECTRICAL DRAWINGS
M03	WALL MOUNTED SPLIT SYSTEM AIR CONDITIONING UNIT, SEE MECHANICAL DRAWINGS
T01	HORIZONTAL CABLE TRAY, SEE TELECOMMUNICATIONS DRAWINGS
T02	COMMUNICATIONS RACK SYSTEM, SEE TELECOMMUNICATION DRAWINGS
T05	TELEPHONE/DATA TERMINAL BACKBOARDS, TYPICAL ALL WALLS, U.O.N. SEE TELECOMMUNICATION DRAWINGS
T07	REFER TO TELECOMMUNICATION DRAWINGS FOR NEW OR EXISTING EQUIPMENT

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LEGEND

- OUT OF SCOPE AREAS, COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THIS AREA
- REMOVE CEILING AND ASSOCIATED SUPPORT AND SEISMIC BRACING, FIXTURES, AND ACCESSORIES, TYPICAL WITHIN DEMOLITION BOUNDARY. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED
- REMOVE GYPSUM BOARD CEILING AND ASSOCIATED SUPPORT/SUSPENSION SYSTEM, FIXTURES, AND ACCESSORIES
- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS

PLAN NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10 SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

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REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA-027141

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - FIRST FLOOR - TR 1A166	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-AE403
		Issue Date: 06.27.2025 / Checked / Drawn	SHEET 363 of 484

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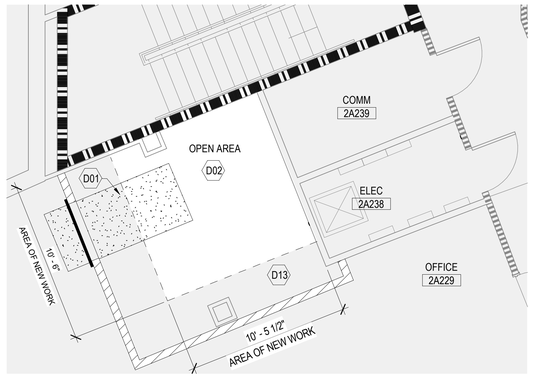
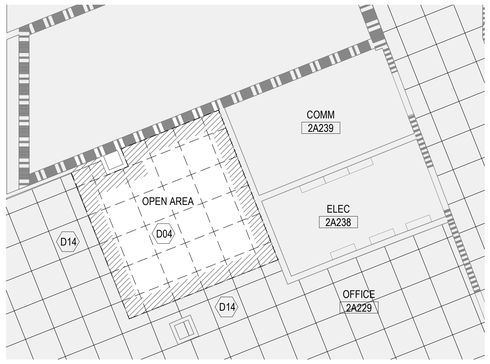


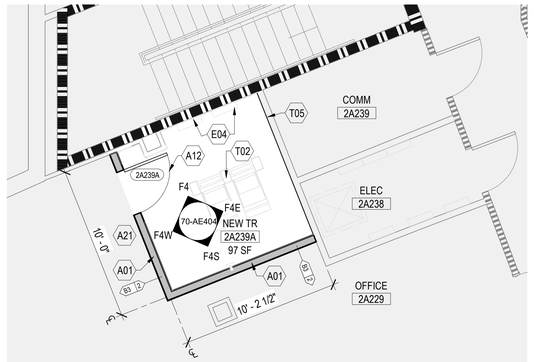
FLOOR PLAN



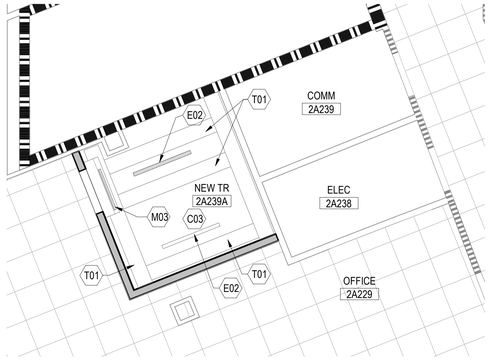
REFLECTED CEILING PLAN

C4 TR 2A239A DEMO PLAN AND RCP

1/4" = 1'-0" REF FROM: 1 / 70-AE122A



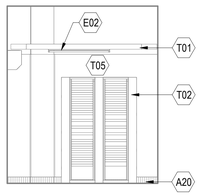
FLOOR PLAN



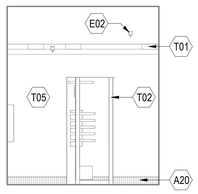
REFLECTED CEILING PLAN

E4 TR 2A239A FLOOR PLAN AND RCP

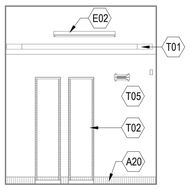
1/4" = 1'-0" REF FROM: 1 / 70-AE122A



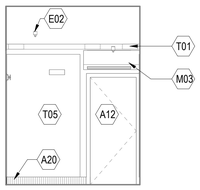
F4 - NORTH ELEVATION



F4E - EAST ELEVATION



F4S - SOUTH ELEVATION



F4W - WEST ELEVATION

F4 TR 2A239A INTERIOR ELEVATIONS

1/4" = 1'-0" REF FROM: E4 / 70-AE404

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
2. ALL INTERIOR PARTITIONS ARE TYPE B3, UNLESS OTHERWISE NOTED. SEE PARTITION TYPES ON SHEET 00-AE520.
3. REFER TO FINISH SCHEDULE FOR MATERIALS SUCH AS TILE AND PANELING APPLIED TO WALLS.
4. CLEAR (CLR) DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, INCLUDING APPLIED FINISHES SUCH AS TILE.
5. DIMENSIONS SHOWN FROM EXISTING WALLS ARE FROM FACE OF FINISH.
6. DIMENSIONS FOR NEW PARTITIONS ARE FROM CENTER LINE OF FRAMING, UNLESS OTHERWISE NOTED.
7. OFFSET STUDS TO ACCOMMODATE MULTIPLE LAYERS OF GYPSUM BOARD, SEE WALL TYPES.
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10. ASBESTOS MAY BE PRESENT. REFERENCE ASBESTOS REPORTS FOR LOCATION AND MATERIAL DETAIL. REFERENCE SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
11. PATCHES OF EXISTING CORRIDOR OR PUBLIC FACE OF WALLS SHALL BE PAINTED WALL TO WALL TO MATCH EXISTING. TYPICAL.

SHEET NOTES:

A01	INTERIOR NON-BEARING WALL, GYPSUM WALLBOARD, ON METAL STUDS, SEE PARTITION TYPES, SHEET 00-AE520
A12	DOOR AS SCHEDULED, REFER TO DOOR SCHEDULE SHEET.
A20	BASE TRIM AS SCHEDULED, REFER TO FINISH SCHEDULE.
A21	SIGNAGE LOCATION TO BE CONFIRMED WITH VA STATION. FINAL SIGNAGE PROVIDED AND INSTALLED BY VA.
C03	OPEN TO STRUCTURE.
D01	PROVIDE WALK OFF MATS AND PLASTIC SHEETING (VISQUEEN) AT CONSTRUCTION AREAS. STARC WALL SYSTEM PANELS OR SIMILAR TEMP PANELS USED WHEN CONSTRUCTION EXCEEDS 48 HRS TYPICAL.
D02	REMOVE FINISH FLOOR MATERIAL. PREP FLOOR TO RECEIVE SCHEDULED FLOOR FINISH. FOR EXISTING CONCRETE FLOORS, PREP FLOOR PER MANUFACTURER'S INSTRUCTIONS.
D04	REMOVE EXISTING CEILING AND ASSOCIATED SUPPORT AND BRACING, FIXTURES, AND ACCESSORIES. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED.
D13	PATCH/REPAIR FLOOR FINISH DISTURBED BY CONSTRUCTION TO MATCH EXISTING.
D14	PATCH/REPAIR CEILING FINISH DISTURBED BY CONSTRUCTION TO MATCH EXISTING.
E02	INTERIOR LIGHTING, SEE ELECTRICAL DRAWINGS
E04	PANELBOARD, SEE ELECTRICAL DRAWINGS
M03	WALL MOUNTED SPLIT SYSTEM AIR CONDITIONING UNIT, SEE MECHANICAL DRAWINGS
T01	HORIZONTAL CABLE TRAY, SEE TELECOMMUNICATIONS DRAWINGS
T02	COMMUNICATIONS RACK SYSTEM, SEE TELECOMMUNICATION DRAWINGS
T05	TELEPHONE/DATA TERMINAL BACKBOARDS, TYPICAL ALL WALLS, U.O.N. SEE TELECOMMUNICATION DRAWINGS

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LEGEND

- OUT OF SCOPE AREAS, COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THIS AREA
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- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS

PLAN NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10
SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
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STAMP

REGISTERED ARCHITECT PENNSYLVANIA
BRIAN H. KLOW No. RA-026724

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - SECOND FLOOR - TR 2A239A	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-AE404
		Issue Date: 06.27.2025 / Checked / Drawn	SHEET 364 of 484

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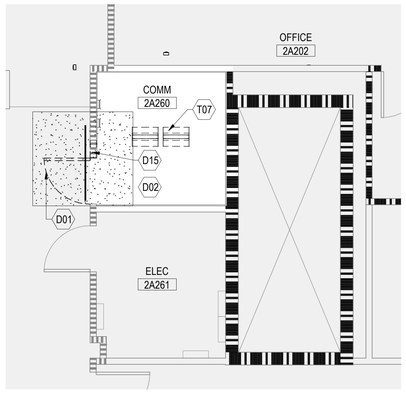
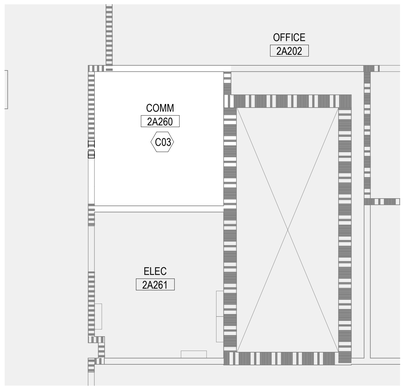


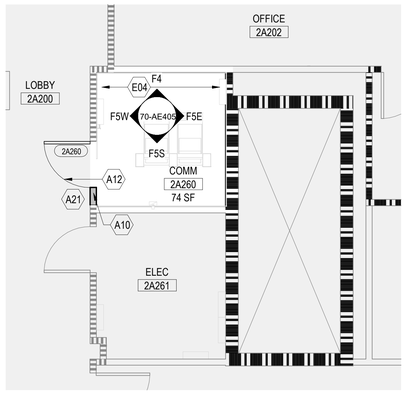
FLOOR PLAN



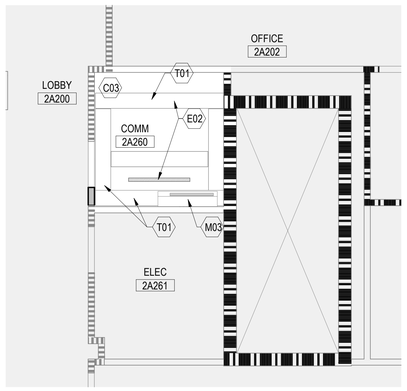
REFLECTED CEILING PLAN

C4 TR 2A260 DEMO PLAN AND RCP

1/4" = 1'-0" REF FROM: 1 / 70-AE122B



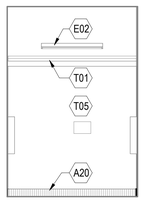
FLOOR PLAN



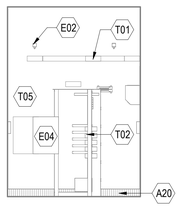
REFLECTED CEILING PLAN

E4 TR 2A260 FLOOR PLAN

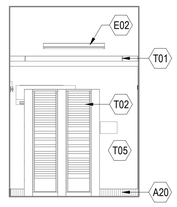
1/4" = 1'-0" REF FROM: 1 / 70-AE122B



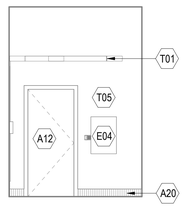
F5 - NORTH ELEVATION



F5E - EAST ELEVATION



F5S - SOUTH ELEVATION



F5W - WEST ELEVATION

F4 TR 2A260 INTERIOR ELEVATIONS

1/4" = 1'-0" REF FROM: E4 / 70-AE405

GENERAL NOTES:

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D15	REMOVE PORTION OF EXISTING WALL TO FACILITATE INSTALLATION OF NEW DOOR.
E02	INTERIOR LIGHTING, SEE ELECTRICAL DRAWINGS
E04	PANELBOARD, SEE ELECTRICAL DRAWINGS
M03	WALL MOUNTED SPLIT SYSTEM AIR CONDITIONING UNIT, SEE MECHANICAL DRAWINGS
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- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS

PLAN NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10 SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

A/E:
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Alexandria, VA 22312

STAMP: REGISTERED ARCHITECT PENNSYLVANIA — BRIAN H. KLOW No. RA405041

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - SECOND FLOOR - TR 2A260	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 70-AE405
			SHEET 365 of 484

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DOOR SCHEDULE - BLDG 70

MARK	FROM	TO	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR FINISH	FRAME TYPE	FRAME FINISH	FIRE RATING	HW NO	DETAILS HEAD	DETAILS JAMB	DETAILS THRESHOLD	COMMENT
00 Basement														
BA003	CORRIDOR (CB001)	COMM RM (BA003)	F	3' - 0"	7' - 0"	HM	1	HM		SH3D	B3/00-AE523	B3/00-AE523	F5/00-AE523	
1st Floor														
1A140A	CHART PROGRESS (1A133)	NEW TR (1A140A)	F	3' - 0"	7' - 0"	HM	1	HM		SH3D	B5/00-AE523	D5/00-AE523	F5/00-AE523	
1A166	CORRIDOR (C1006)	COMM (1A166)	F	3' - 0"	7' - 0"	HM	1	HM	20 MIN	SH3D	B5/00-AE523	D5/00-AE523	F5/00-AE523	
2nd Floor														
2A239A	OFFICE (2A229)	NEW TR (2A239A)	F	3' - 0"	7' - 0"	HM	1	HM		SH3D	B5/00-AE523	D5/00-AE523	F5/00-AE523	
2A260	LOBBY (2A200)	COMM (2A260)	F	3' - 0"	7' - 0"	HM	1	HM	20 MIN	SH3D	B5/00-AE523	D5/00-AE523	F5/00-AE523	

ROOM FINISH SCHEDULE - BLDG 70

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE	N MATL	N MATL 2	N FIN	E MATL	E MATL 2	E FIN	S MATL	S MATL 2	S FIN	W MATL	W MATL 2	W FIN	CEILING FINISH	Remarks
00 Basement																	
BA003	COMM	SDT	RB	C	PLYWD	P	C	PLYWD	P	C	PLYWD	P	CMU	PLYWD	P	OPEN TO STRUC ABOVE	
1st Floor																	
1A140A	NEW TR	SDT	RB	(E) GYP / GYP	PLYWD	P	(E) GYP	PLYWD	P	GYP	PLYWD	P	GYP	PLYWD	P	OPEN TO STRUC ABOVE	
1A166	COMM	SDT	RB	(E) GYP	PLYWD	P	(E) GYP	PLYWD	P	(E) GYP	PLYWD	P	(E) GYP / GYP	PLYWD	P	OPEN TO STRUC ABOVE	
2nd Floor																	
2A239A	NEW TR	SDT	RB	(E) GYP	PLYWD	P	(E) GYP	PLYWD	P	GYP	PLYWD	P	GYP	PLYWD	P	OPEN TO STRUC ABOVE	
2A260	COMM	SDT	RB	(E) GYP	PLYWD	P	(E) GYP	PLYWD	P	(E) GYP	PLYWD	P	(E) GYP / GYP	PLYWD	P	OPEN TO STRUC ABOVE	

ABBREVIATIONS USED IN DOOR AND ROOM FINISH SCHEDULES:

ACT	ACOUSTICAL CEILING TILE
ADO	AUTOMATIC DOOR OPERATOR
CLR	COLOR
CONC FLR	CONCRETE FLOOR
EFTR	EXISTING FINISH TO REMAIN
EPY	EPOXY FLOORING
EX	EXISTING
EXP	EXPOSED
ESD	ELECTROSTATIC DISCHARGE FLOORING
FIN	FINISH
GWB	GYPSUM WALLBOARD SYSTEMS
HM	HOLLOW METAL
HT	HEIGHT
HW	HARDWARE SET (FINISH OR BUILDER'S HARDWARE)
LINO	LINOLEUM
MATL	MATERIAL
NO	NUMBER
NR	NON-RATED
P	PAINT (EXTERIOR AND INTERIOR; TRANSPARENT, SEMI-TRANSPARENT, AND OPAQUE FINISHES)
PLYWD	PLYWOOD
PR	PAIR
PRB	PROFILE BASE
RB	RESILIENT BASE (RUBBER OR VINYL WITH FACTORY FORMED INSIDE AND OUTSIDE CORNERS)
RWC	RIGID VINYL WALL COVERING (WALL PROTECTION - ROLL OR SHEET)
SGL	SINGLE
SS	STAINLESS STEEL
SDT	STATIC DISSIPATIVE TILE

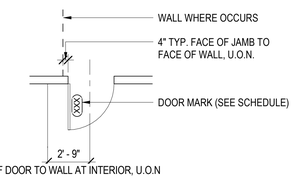
LEGEND:

F - FLUSH DOOR	W.G. - WIRE GLASS
FF - FACTORY FINISH	STL - STEEL
FG - FLUSH DOOR WITH GLAZING	ALUM - ALUMINUM
N - FLUSH DOOR WITH GLAZING	PRE-FIN - PREFINISHED
GL-1T - GLAZING	FIB - FIBERGLASS
HM - HOLLOW METAL	WD - WOOD
T.G. - TEMPERED GLASS	

GENERAL NOTES:

1. ALL DOORS SHALL BE 1 3/4" THICK, UNLESS OTHERWISE NOTED.
2. ALL DOORS SHALL BE FLUSH TOPS AND BOTTOMS, UNLESS OTHERWISE NOTED.
3. ALL DOOR & FRAMES SHALL BE REINFORCED FOR HARDWARE
4. ALL FRAMES SHALL BE SECURED IN WALL TO PREVENT MOVEMENT IN FRAME OR PANEL.
5. REFER TO SPECIFICATIONS FOR ALL HARDWARE SET INFORMATION.
6. COORDINATE FIRE RATED HARDWARE REQUIREMENTS WITH ALL DOOR IDENTIFIED HEREIN WITH FIRE RATING.
7. CONTRACTOR SHALL VERIFY ALL DOOR AND DOOR FRAME DIMENSIONS PRIOR TO ISSUING SUBMITTAL.
8. DOOR CLOSERS ARE REQUIRED AT ALL TR'S AND DATA CENTER.
9. DOOR HARDWARE SUBCONTRACTOR SHALL FIELD VERIFY COMPATIBILITY OF SPECIFIED HARDWARE WITH EXISTING CONDITIONS (DOOR & FRAME TYPE, SWING, EXISTING HARDWARE PREP) PRIOR TO SUBMITTING HARDWARE SCHEDULE FOR VA/ARCHITECT REVIEW AND SHALL ADVISE OF ANY CONFLICTS AND PROPOSE SOLUTIONS.
10. EXISTING DOOR OPENING WIDTHS TO BE FIELD VERIFIED PRIOR TO SUBMITTING VA/ARCHITECT REVIEW AND SHALL ADVISE OF ANY CONFLICTS AND PROPOSE SOLUTIONS.

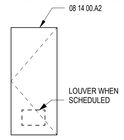
PLAN INDICATION



SINGLE OPENING

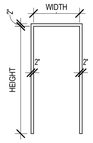
E7 DOOR DETAIL
1/4" = 1'-0"

DOOR TYPES



F

FRAME TYPES



1

UON IF A ROOM IS DECOMMISSIONED IT IS TO BE TO A "VANILLA" FINISH LEVEL:

WALLS ARE FINISHED AND PRIMED OR PAINTED WHITE PER VA DIRECTION
FLOORS ARE FINISHED OR AT LEAST CONCRETE
ALL EXISTING UTILITIES REMAIN STUBBED TO PREMISES AND CAPPED AS NECESSARY
CEILINGS ARE FINISHED WITH BASIC LIGHTING
LIGHTING CONTROLS ARE CONNECTED TO EXISTING SYSTEM
EXISTING DOORS TO REMAIN AS IS
EXISTING SECURITY TO REMAIN AS IS
EXISTING SPRINKLER SYSTEM AS IS

ADDITIONAL NOTES:
WHERE (N) PLYWD WALL CLADDING IS INDICATED, FINISH TO COVER F.F. TO B.O. DECK ABOVE.
WHERE (E) TELEPHONE BACKER BOARDS ARE PRESENT WITH EQUIPMENT TO REMAIN, THESE AREAS TO REMAIN IN PLACE AND (N) PLYWD TO FILL IN AROUND EXISTING.
(N) ACT CEILING TO BE CENTERED IN AREA INSTALLED UON. WHERE ADJACENT TO (E) ACT ALIGN GRIDS TO ADJACENT (E) ACT.

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REGISTERED ARCHITECT PENNSYLVANIA
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VA U.S. Department of Veterans Affairs

Drawing Title: SCHEDULES AND DIAGRAMS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-AE601
		Issue Date: 06.27.2025 / Checked / Drawn	SHEET 366 of 484

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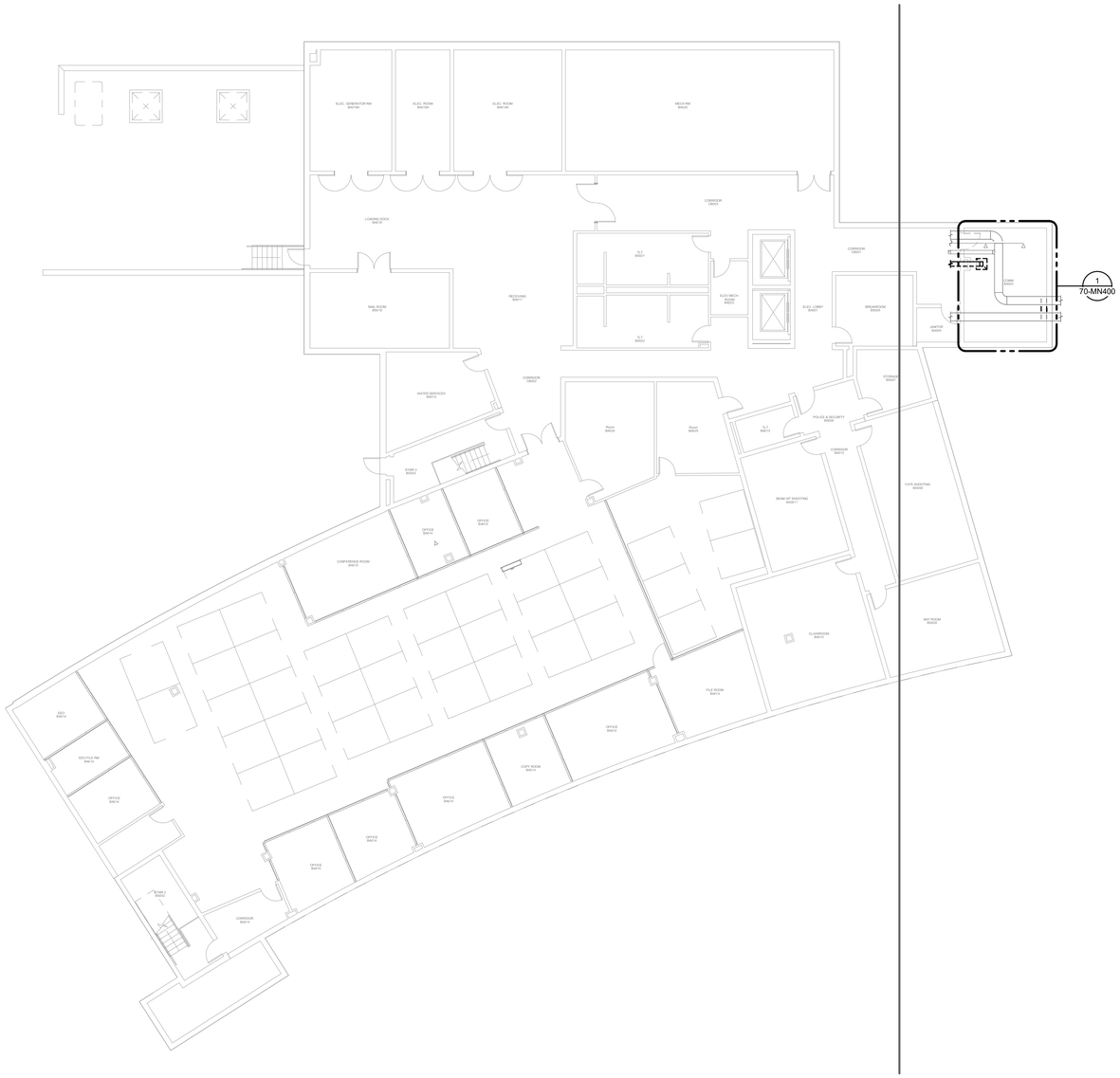
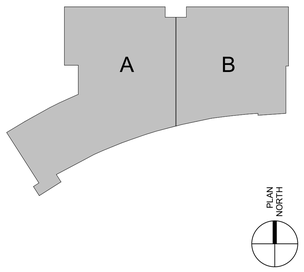


GENERAL NOTES:

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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EXP. 09.30.2027

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Drawing Title	Phase	Project Title	Project Number
BASEMENT DEMOLITION PLAN - MECHANICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 70-MD100
			SHEET 367 of 484

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GENERAL NOTES:

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
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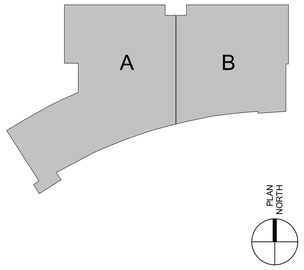

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Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR DEMOLITION PLAN - MECHANICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 70-MD101
			SHEET 368 of 484

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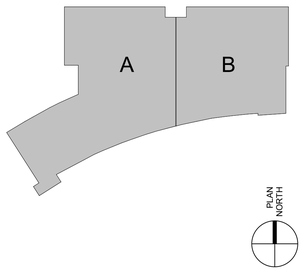
GENERAL NOTES:

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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Drawing Title: SECOND FLOOR DEMOLITION PLAN - MECHANICAL

Approved: VA DIRECTOR 001

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

Issue Date: 06.27.2025
Checked: BRAGAR
Drawn: ANDPOP

Project Number: 646A4-22-700
Building Number: 70
Drawing Number: 70-MD102
SHEET 369 of 484

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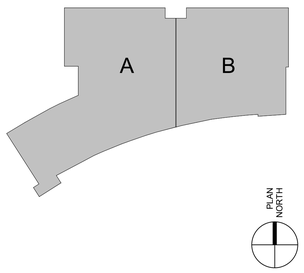
GENERAL NOTES:

1. ROUTE AND SIZE REFRIGERANT PIPING PER THE MANUFACTURER'S RECOMMENDATIONS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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Drawing Title	Phase	Project Title	Project Number
BASEMENT PLAN - MECHANICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 70-MN100
			SHEET 370 of 484

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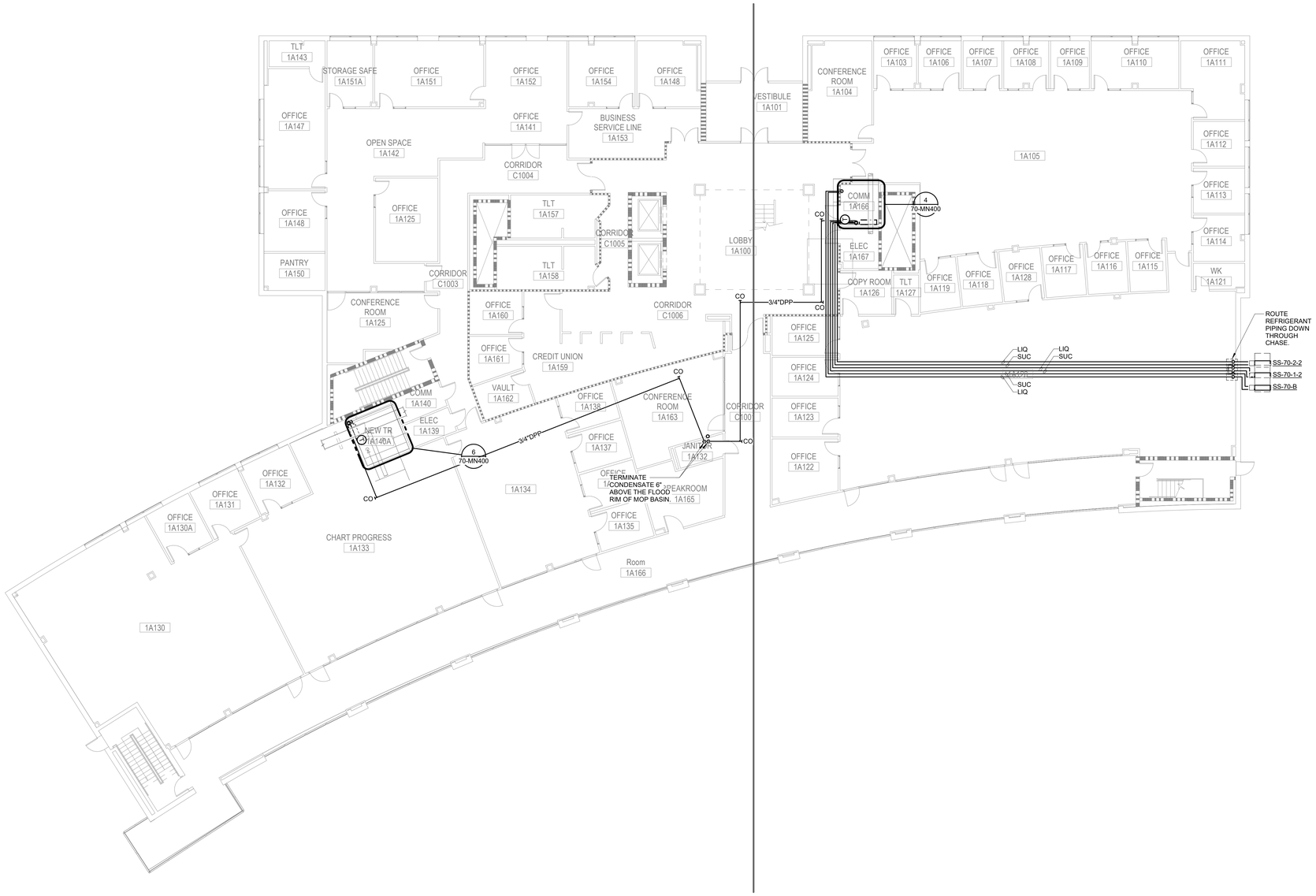

GENERAL NOTES:

1. ROUTE AND SIZE REFRIGERANT PIPING PER THE MANUFACTURER'S RECOMMENDATIONS.

PARTITION LEGEND

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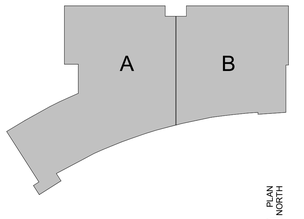

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Drawing Title: FIRST FLOOR PLAN - MECHANICAL	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 70-MN101 SHEET 371 of 484

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GENERAL NOTES:

1. ROUTE AND SIZE REFRIGERANT PIPING PER THE MANUFACTURER'S RECOMMENDATIONS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
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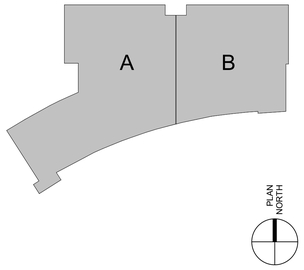

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Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR PLAN - MECHANICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 70-MN102

SHEET 372 of 484

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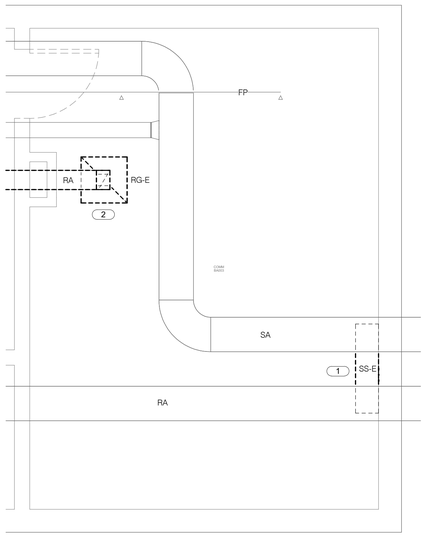
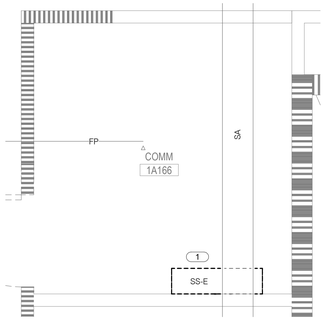
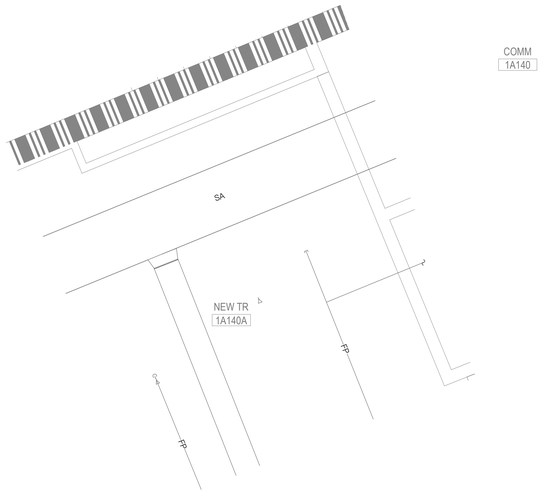


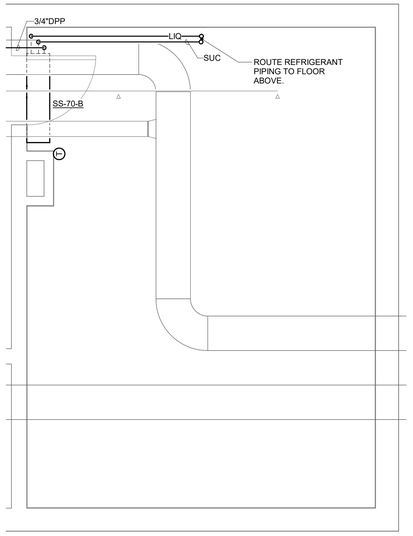
1 BASEMENT - TR BA003 DEMO ENLARGED PLAN
3/8" = 1'-0"



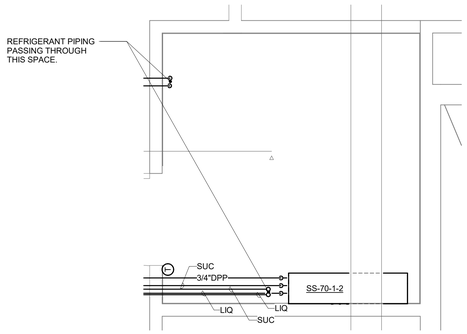
3 LEVEL 1 - TR 1A166 DEMO ENLARGED PLAN
1/2" = 1'-0"



5 LEVEL 1 - TR 1A140A DEMO ENLARGED PLAN
1/2" = 1'-0"



2 BASEMENT - TR BA003 ENLARGED PLAN
3/8" = 1'-0"



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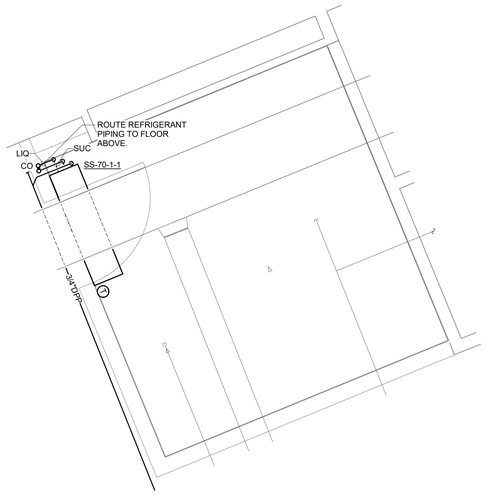
1/2" = 1'-0"



6 LEVEL 1 - TR 1A140A ENLARGED PLAN
1/2" = 1'-0"

GENERAL NOTES:

1. DRIP PANS SHALL BE PROVIDED UNDER ALL EXISTING HYDRONIC, PLUMBING, AND FIRE PROTECTION PIPING OVERHEAD IN TR SPACES. MECHANICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR TO VERIFY ALL EXISTING AND NEW PIPING OVERHEAD ARE PROVIDED WITH DRIP PAN COVERAGE.
   A. DO NOT SPILL CONDENSATE PIPING INTO DRIP PANS OVER TR SPACES. COORDINATE INSTALLATION OF REFRIGERANT AND CONDENSATE PIPING WITH DRIP PAN LOCATIONS. AVOID PENETRATIONS OF NEW DRIP PANS. SEAL ANY NECESSARY PENETRATIONS WATER TIGHT.
2. TEMPERATURE CONTROLS CONTRACTOR SHALL COORDINATE LOCATION OF ALL DRIP PANS FOR LEAK DETECTION MONITORING.
3. PROVIDE A STANDALONE TEMPERATURE AND HUMIDITY SENSOR OR SENSORS FOR SPACE MONITORING.
4. TEMPERATURE CONTROLS CONTRACTOR SHALL BE RESPONSIBLE FOR INTEGRATION OF ALL TEMPERATURE AND HUMIDITY SENSORS INTO EXISTING FACILITY CONTROLS SYSTEM. COORDINATE ALL RACK-MOUNTED SENSORS WITH TELECOMMUNICATIONS CONTRACTOR.
5. EXISTING SPRINKLER(S) IN TR SHALL REPLACED WITH NEW UPRIGHT SPRINKLERS AT THE TIME THE CEILING IS REMOVED IN ORDER TO MAINTAIN SPRINKLER PROTECTION WITHIN THE CONSTRUCTION AREA. NEW SPRINKLERS SHALL BE:
   A. STANDARD RESPONSE
   B. UPRIGHT TYPE
   C. PROVIDED WITH MECHANICAL GUARDS.
   D. ORDINARY TEMPERATURE TYPE.
   E. TR SPACES SHALL BE CLASSIFIED AS LIGHT HAZARD DENSITY FOR SPRINKLER SELECTION.
6. REFER TO OVERALL FLOOR PLAN FOR CONTINUATION OF PIPING.

SHEET NOTES:

1. REMOVE EXISTING SPLIT SYSTEM SERVING THIS SPACE INCLUDING THE EVAPORATOR AND ASSOCIATED CONDENSING UNIT AND REFRIGERANT PIPING.
2. REMOVE EXISTING RETURN GRILLE AND ASSOCIATED DUCTWORK AND SUPPORTS BACK TO THE ACTIVE MAIN AND CAP.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

1/16" = 1'-0" SCALE: 5 0 5 10 15 20 25 30 35 40 FEET

Revisions:	Date:

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ENGINEER
No. PE061444
02.10.2026
Exp. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED PLANS - TR	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 70-MN400

SHEET 373 of 484

VA FORM 08 - 6231

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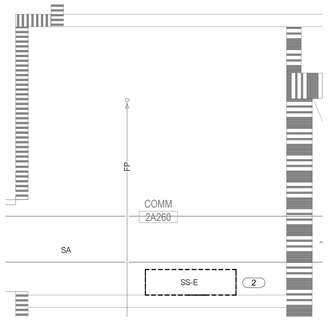
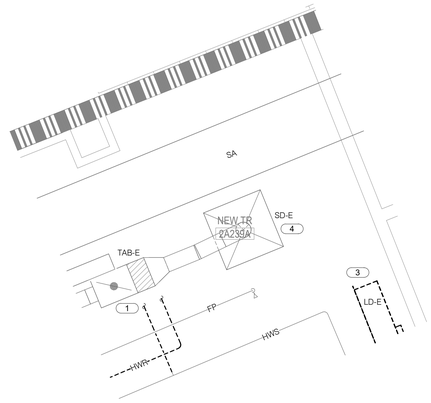
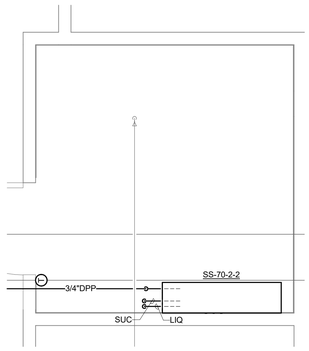


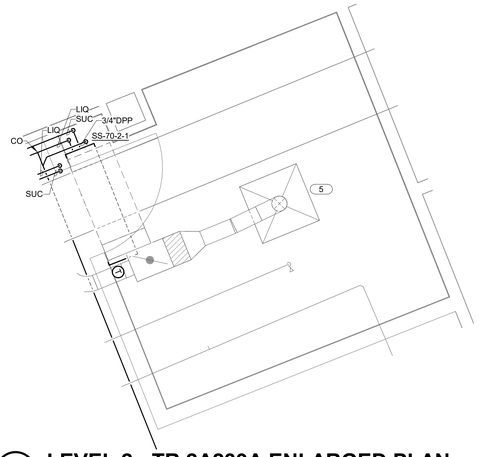
1 **LEVEL 2 - TR 2A260 DEMO ENLARGED PLAN**
1/2" = 1'-0"



3 **LEVEL 2 - TR 2A239A DEMO ENLARGED PLAN**
1/2" = 1'-0"



2 **LEVEL 2 - TR 2A260 ENLARGED PLAN**
1/2" = 1'-0"



4 **LEVEL 2 - TR 2A239A ENLARGED PLAN**
1/2" = 1'-0"

GENERAL NOTES:

1. DRIP PANS SHALL BE PROVIDED UNDER ALL EXISTING HYDRONIC, PLUMBING, AND FIRE PROTECTION PIPING OVERHEAD IN TR SPACES. MECHANICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR TO VERIFY ALL EXISTING AND NEW PIPING OVERHEAD ARE PROVIDED WITH DRIP PAN COVERAGE.
   A. DO NOT SPILL CONDENSATE PIPING INTO DRIP PANS OVER TR SPACES. COORDINATE INSTALLATION OF REFRIGERANT AND CONDENSATE PIPING WITH DRIP PAN LOCATIONS. AVOID PENETRATIONS OF NEW DRIP PANS. SEAL ANY NECESSARY PENETRATIONS WATER TIGHT.
2. TEMPERATURE CONTROLS CONTRACTOR SHALL COORDINATE LOCATION OF ALL DRIP PANS FOR LEAK DETECTION MONITORING.
3. PROVIDE A STANDALONE TEMPERATURE AND HUMIDITY SENSOR OR SENSORS FOR SPACE MONITORING.
4. TEMPERATURE CONTROLS CONTRACTOR SHALL BE RESPONSIBLE FOR INTEGRATION OF ALL TEMPERATURE AND HUMIDITY SENSORS INTO EXISTING FACILITY CONTROLS SYSTEM. COORDINATE ALL RACK-MOUNTED SENSORS WITH TELECOMMUNICATIONS CONTRACTOR.
5. EXISTING SPRINKLER(S) IN TR SHALL REPLACED WITH NEW UPRIGHT SPRINKLERS AT THE TIME THE CEILING IS REMOVED IN ORDER TO MAINTAIN SPRINKLER PROTECTION WITHIN THE CONSTRUCTION AREA. NEW SPRINKLERS SHALL BE:
   A. STANDARD RESPONSE
   B. UPRIGHT TYPE
   C. PROVIDED WITH MECHANICAL GUARDS.
   D. ORDINARY TEMPERATURE TYPE.
   E. TR SPACES SHALL BE CLASSIFIED AS LIGHT HAZARD DENSITY FOR SPRINKLER SELECTION.
6. REFER TO OVERALL FLOOR PLAN FOR CONTINUATION OF PIPING.

SHEET NOTES:

1. TERMINAL UNIT SERVING SPACE TO REMAIN FOR BACKUP COOLING ONLY OPERATION. REMOVE EXISTING HOT WATER SUPPLY AND RETURN PIPING BACK TO THE ACTIVE MAIN AND CAP. REFER TO 4/00-MG700 FOR CONTROL DIAGRAM.
2. REMOVE EXISTING SPLIT SYSTEM SERVING THIS SPACE INCLUDING THE EVAPORATOR AND ASSOCIATED CONDENSING UNIT AND REFRIGERANT PIPING.
3. REMOVE EXISTING LINEAR DIFFUSER AND ASSOCIATED DUCTWORK AND SUPPORTS BACK TO THE ACTIVE MAIN AND CAP.
4. REMOVE SUPPLY DIFFUSER TO ALLOW FOR REMOVAL OF CEILING. PROTECT AND STORE DURING DEMOLITION PHASE. CONTRACTOR SHALL MEASURE AIRFLOW OF DIFFUSER AND ASSOCIATED TAB PRIOR TO REMOVAL.
5. REINSTALL SUPPLY DIFFUSER IN SAME LOCATION AS BEFORE AND RECONNECT TO EXISTING DUCTWORK. ENSURE DUCTWORK AND DIFFUSER ARE PROPERLY SUPPORTED WITHOUT CEILING. REBALANCE DIFFUSER AND TAB TO SAME AIRFLOW AS BEFORE.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

1/16" = 1'-0" SCALE — 5 0 5 10 15 20 25 30 35 40 FEET

Revisions:	Date:

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DAVID W. BODENSCHATZ
ENGINEER
No. PE093444
03.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - TR	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 70-MN401
			SHEET 374 of 484

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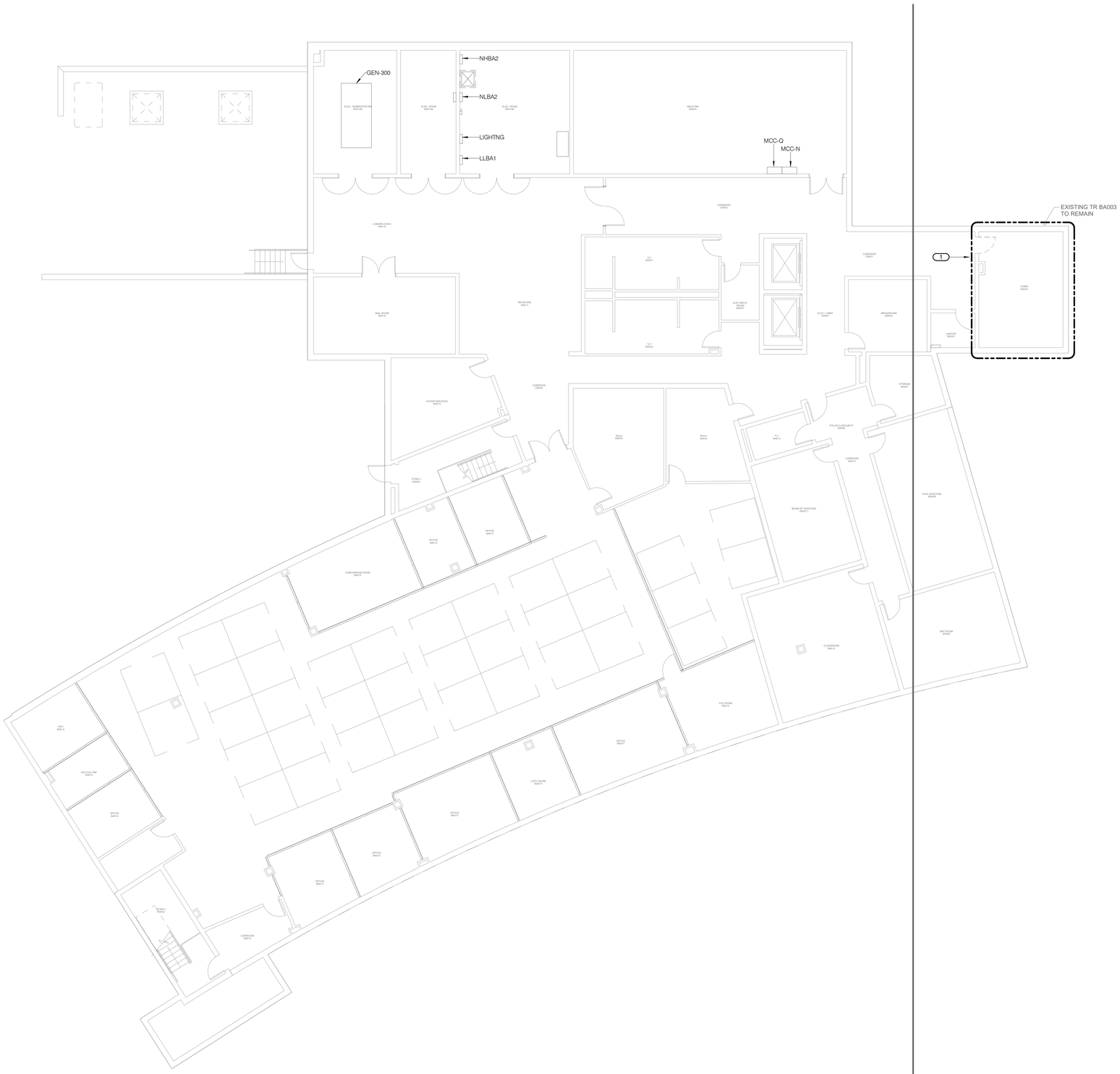

GENERAL NOTES:

A. REFER TO E000 FOR GENERAL NOTES.

B. ALL ELECTRICAL EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

C. ALL HVAC EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

SHEET NOTES:

1. TECHNOLOGY MODIFICATIONS: ALL EXISTING LIGHT FIXTURES, LIGHTING CONTROLS, RECEPTACLES, AND FIRE ALARM DEVICES SHALL REMAIN - CONFIRM THEY ARE IN WORKING ORDER; REPAIR OR REPLACE AS REQUIRED.

PARTITION LEGEND

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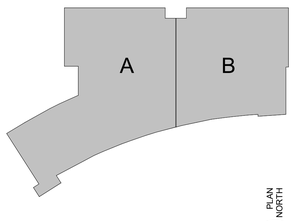

PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

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02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GROUND FLOOR DEMOLITION PLAN - ELECTRICAL	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	Drawing Number: 70-ED100 SHEET 375 of 484

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C. ALL HVAC EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

SHEET NOTES:

1. DEMOLISH ALL EXISTING LIGHT FIXTURES, LIGHTING CONTROLS, RECEPTACLES, FIRE ALARM DEVICES, AND MECHANICAL EQUIPMENT WITHIN THIS SPACE TO FACILITATE NEW TR CONSTRUCTION. ALL CIRCUITS SHALL BE DEMOLISHED BACK TO LAST ACTIVE SOURCE: IF CIRCUIT IS DEMOLISHED BACK TO PANEL: THE BREAKER SHALL BE MARKED AS SPARE FOR ALL EQUIPMENT REMOVED IN ITS ENTIRETY. ACTIVE CIRCUITS THAT ARE TO REMAIN AND ARE SERVING OTHER SPACE, THE ACTIVE CIRCUIT SHALL BE RELOCATED OUT OF THIS SPACE TO AVOID SPACE AS A FEED-THROUGH ROUTE. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT REQUIRING DEMOLITION. REFER TO TECHNOLOGY DRAWINGS FOR EXACT ROOM LAYOUT.

2. TECHNOLOGY MODIFICATIONS: ALL EXISTING LIGHT FIXTURES, LIGHTING CONTROLS, RECEPTACLES, AND FIRE ALARM DEVICES SHALL REMAIN - CONFIRM THEY ARE IN WORKING ORDER; REPAIR OR REPLACE AS REQUIRED.

3. RECIRCUIT AND MODIFY THE LIGHT FIXTURES, LIGHTING CONTROLS, RECEPTACLES, AND FIRE ALARM DEVICES EFFECT BY THE NEW TR CONSTRUCTION. VERIFY THE SPACE IS IN WORKING CONDITION AFTER THE DEMOLITION PHASE.

PARTITION LEGEND

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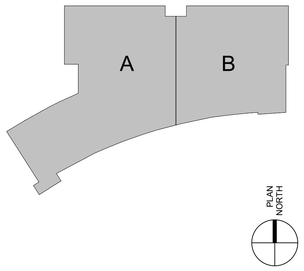

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BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR DEMOLITION PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	Drawing Number: 70-ED101
			SHEET 376 of 484

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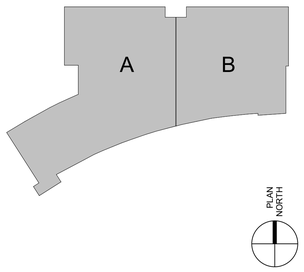

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Exp 09.30.2027

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR DEMOLITION PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	Drawing Number: 70-ED102
			SHEET 377 of 484

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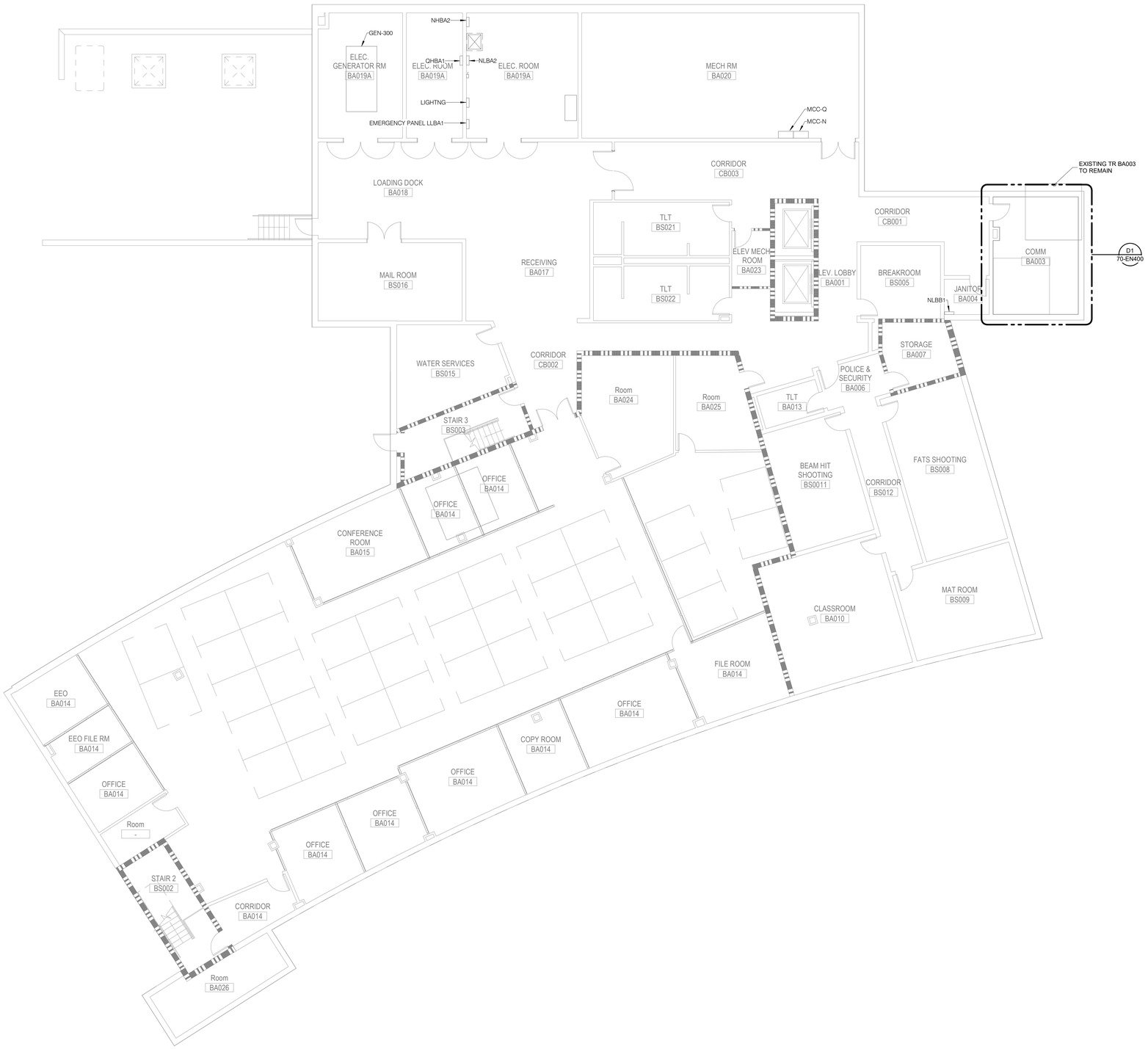

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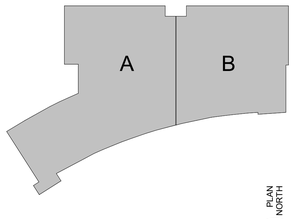

PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

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ENGINEER
No. PE090283
03.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GROUND FLOOR PLAN - ELECTRICAL

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

Issue Date	Checked	Drawn
06.27.2025	EZ	JF

Project Number: 646A4-22-700

Building Number: 70

Drawing Number: 70-EN100

SHEET 378 of 484

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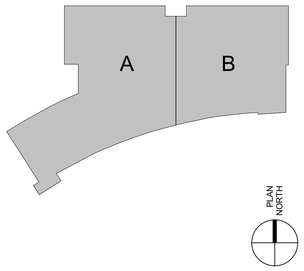

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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	Drawing Number: 70-EN101

SHEET 379 of 484

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GENERAL NOTES:

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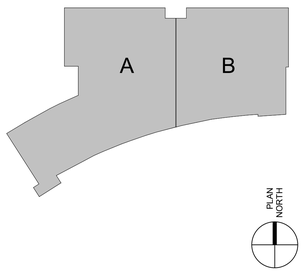

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Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-EN102
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 380 of 484

VA FORM 08 - 6231

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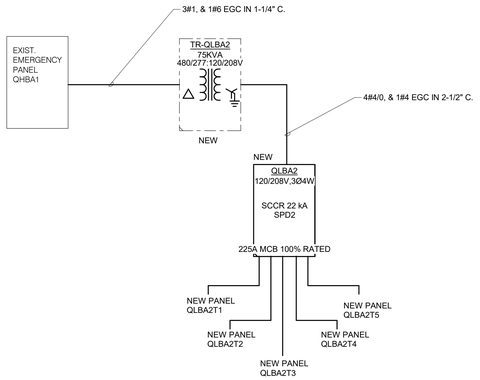

C3 PARTIAL ELECTRICAL RISER DIAGRAM

NO SCALE

PANEL QLBA2

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 225 A/3P @ TR-QLBA2
LOCATION: ELEC. RM 1A167
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 225 A MCB 100% RATED
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC: 6.13 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A		B		C		VD %	WIRE SIZE G	N	H	P	OCPD AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	QLBA2T1	60 A	3	6	6	10	0.72	5.17	0						--	--	--	1	20 A	SPARE	2	--
--	3	--	--	--	--	--	--	--			4.48	0				--	--	--	1	20 A	SPARE	4	--
--	5	--	--	--	--	--	--	--					1.67	0		--	--	--	1	20 A	SPARE	6	--
	7	QLBA2T3	60 A	3	6	6	10	0.64	5.17	0						--	--	--	1	20 A	SPARE	8	--
--	9	--	--	--	--	--	--	--			4.33	0				--	--	--	1	20 A	SPARE	10	--
--	11	--	--	--	--	--	--	--					1.67	0		--	--	--	1	20 A	SPARE	12	--
	13	QLBA2T2	60 A	3	4	4	6	1.81	6.55	0						--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			3.83	0				--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					3.75	0		--	--	--	1	20 A	SPARE	18	--
	19	QLBA2T4	60 A	3	3	3	6	1.68	4.99	0						--	--	--	1	20 A	SPARE	20	--
--	21	--	--	--	--	--	--	--			4.35	0				--	--	--	1	20 A	SPARE	22	--
--	23	--	--	--	--	--	--	--					1.67	0		--	--	--	1	20 A	SPARE	24	--
	25	QLBA2T5	60 A	3	6	6	10	0.93	5.17	0						--	--	--	1	20 A	SPARE	26	--
--	27	--	--	--	--	--	--	--			4.33	0				--	--	--	1	20 A	SPARE	28	--
--	29	--	--	--	--	--	--	--					1.67	0		--	--	--	1	20 A	SPARE	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:	27.03 kVA		21.33 kVA		10.41 kVA										
								Total Amps:	239.27		191.74		86.78										

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
HVAC Cooling Only	29.12 kVA	100.00%	29.12 kVA		
Lighting	0.516 kVA	100.00%	0.516 kVA	**TOTAL CONNECTED LOAD:**	58.78 kVA
Power	25 kVA	100.00%	25 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	58.776 kVA
Receptacles	4.14 kVA	100.00%	4.14 kVA	**TOTAL CONNECTED AMPS:**	163.14 A
				TOTAL ESTIMATED DEMAND AMPS:	163.1 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

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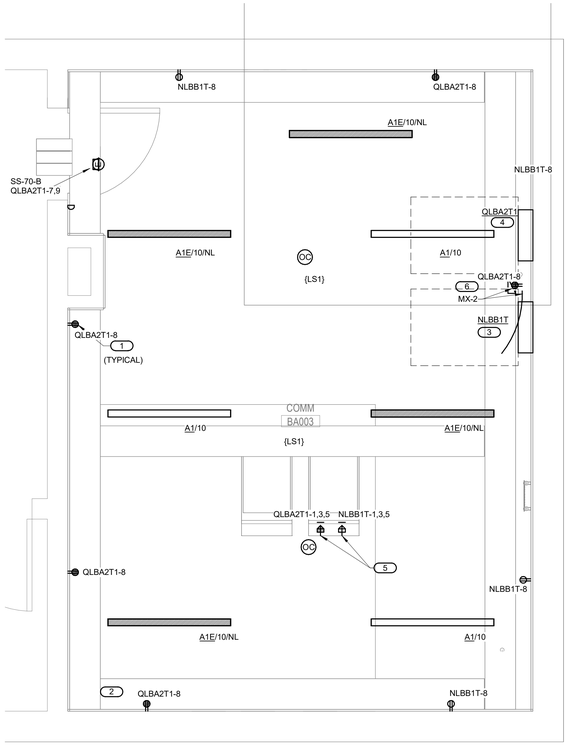
COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
03-10-2026
EXP 09-30-2027

Office of Construction and Facilities Management

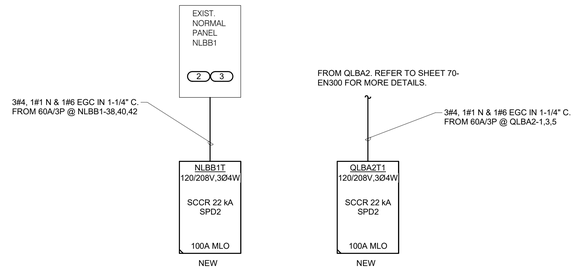
VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SCHEDULES	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-EN300
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 381 of 484



D1 ENLARGED PLAN - BASEMENT - TR BA003 - ELECTRICAL

1/2" = 1'-0"



C5 TR BA003- PARTIAL ELECTRICAL RISER DIAGRAM

NO SCALE

RISER DIAGRAM KEYNOTES: #

1. PROVIDE A NEW 42 CIRCUIT & 100A MCB PANEL.
2. PROVIDE A 60A/3P BREAKER TO SERVE NEW PANEL.
3. RELOCATE EXISTING BREAKER & CIRCUIT TO VACANT SPARE/SPACE ON PANEL TO ACCOMODATE SUB-FEED BREAKER.
4. PROVIDE NEW 125A/3P CIRCUIT BREAKER (TO MATCH EXISTING) TO SERVE NEW TRANSFORMER. REMOVE EXISTING NON-USED CIRCUIT BREAKER AS NEEDED TO FACILITATE INSTALLATION OF NEW CIRCUIT BREAKER.

GENERAL NOTES:

1. CONTRACTOR IS PERMITTED TO ADJUST LAYOUT AS NECESSARY TO ACCOMMODATE OTHER SYSTEMS AND COORDINATE WITH EXISTING DUCT WORK. GENERAL LOCATION SHALL BE MAINTAINED. DO NOT MOUNT LUMINAIRES TO THE DUCT WORK. MOUNT LUMINAIRE SUCH THAT SHADOWS ARE NOT CAST.
2. RECEPTACLES, LIGHTING AND EQUIPMENT ON THIS SHEET SHALL BE CONNECTED TO PANELBOARDS WITHIN THE IT ROOM UNLESS OTHERWISE INDICATED. SHADING INDICATES CONNECTION TO EMERGENCY/UPS PANEL.

SHEET NOTES:

1. TYPICAL 120V 20A DUPLEX RECEPTACLE.
2. SECONDARY GROUND BUSBAR PLACEMENT DETERMINED BY OTHERS.
3. SERVICE PANEL FOR A-SIDE POWER, GENERATOR BACKED IF THE FACILITY HAS GENERATION CAPABILITIES. SHAL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
4. SERVICE PANEL FOR B-SIDE POWER, GENERATOR BACKED IF POSSIBLE. SHALL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
5. PROVIDE 30 AMP 208 VOLT THREE-PHASE TWIST LOCK RECEPTACLE (L21-30R); 8.5 FT AFF {WYE (5-WIRE)} COORDINATE INSTALLATION LOCATION WITH TELECOMMUNICATIONS CONTRACTOR.
6. INDOOR UNIT IS POWERED FROM ASSOCIATED OUTDOOR UNIT. ROUTE CIRCUIT VIA MANUAL SWITCH. PROVIDE RECEPTACLE ADJACENT TO UNIT FOR POWER TO CONDENSATE PUMP, CIRCUIT AS SHOWN.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PANEL QLBA2T1

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ QLBA2
LOCATION: COMM RM BA003
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC: 3.12 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A		B		C		VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS B)	30 A	3	10	8	10	0.34	1.67	0					--	--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--			1.67	0			--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--					1.67	0	--	--	--	--	--	--	--	6	--
	7	SS-70-B (OUTDOOR/INDOOR UNIT)	35 A	2	8	--	10	2.49	2.6	0.9					0.65	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--			2.6	0.22			0.19	12	12	12	1	20 A	LTG.	10	
--	11	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	20 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	30 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	22	--
--	23	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	5.17 kVA		4.48 kVA		1.67 kVA										
								Total Amps:	46.67		40.98		13.89										

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
HVAC Cooling Only	5.2 kVA	100.00%	5.2 kVA		
Lighting	0.218 kVA	100.00%	0.218 kVA	**TOTAL CONNECTED LOAD:**	11.32 kVA
Power	5 kVA	100.00%	5 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	11.318 kVA
Receptacles	0.9 kVA	100.00%	0.9 kVA	**TOTAL CONNECTED AMPS:**	31.42 A
				TOTAL ESTIMATED DEMAND AMPS:	31.4 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PANEL NLBB1T

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ NLBB1
LOCATION: COMM RM BA003
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A		B		C		VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS A)	30 A	3	10	8	10	0.29	1.67	0						--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--			1.67	0			--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--					1.67	0	--	--	--	--	--	--	--	6	--
--	7	SPARE	20 A	3	--	--	--		0	0.72					0.51	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	10	--
--	11	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	30 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	22	--
--	23	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	2.39 kVA		1.67 kVA		1.67 kVA										
								Total Amps:	19.89		13.89		13.89										

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Power	5 kVA	100.00%	5 kVA		
Receptacles	0.72 kVA	100.00%	0.72 kVA	**TOTAL CONNECTED LOAD:**	5.72 kVA
				TOTAL ESTIMATED DEMAND LOAD:	5.72 kVA
				TOTAL CONNECTED AMPS:	15.88 A
				TOTAL ESTIMATED DEMAND AMPS:	15.9 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

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STAMP

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REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title ENLARGED PLAN - BASEMENT - TR BA003	**Phase** FINAL BID DOCUMENTS	**Project Title** EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	**Project Number** 646A4-22-700
Approved:	FULLY SPRINKLERED	**Location** 1010 DELAFIELD RD, PITTSBURGH, PA 15215	**Building Number** 70
		Issue Date 06.27.2025 / **Checked** EZ / **Drawn** JF	**Drawing Number** 70-EN400
			SHEET 382 of 484

VA FORM 08 - 6231

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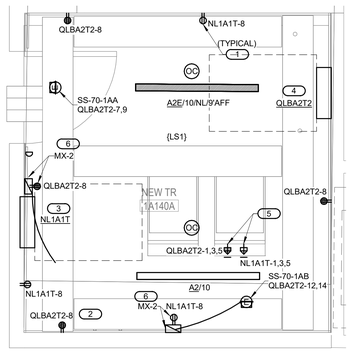
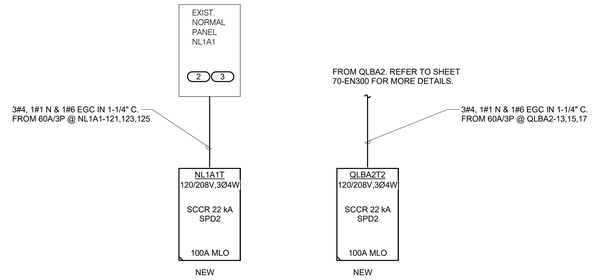


C1 ENLARGED PLAN - FIRST FLOOR - TR 1A140A - ELECTRICAL

1/2" = 1'-0"



C5 TR 1A140A- PARTIAL ELECTRICAL RISER DIAGRAM

NO SCALE

RISER DIAGRAM KEYNOTES: (#)

1. PROVIDE A NEW 42 CIRCUIT & 100A MCB PANEL.
2. PROVIDE A 60A/3P BREAKER TO SERVE NEW PANEL.
3. RELOCATE EXISTING BREAKER & CIRCUIT TO VACANT SPARE/SPACE ON PANEL TO ACCOMODATE SUB-FEED BREAKER.
4. PROVIDE NEW 125A/3P CIRCUIT BREAKER (TO MATCH EXISTING) TO SERVE NEW TRANSFORMER. REMOVE EXISTING NON-USED CIRCUIT BREAKER AS NEEDED TO FACILITATE INSTALLATION OF NEW CIRCUIT BREAKER.

PANEL QLBA2T2

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ QLBA2
LOCATION:
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC: 1.81 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A	B	C	VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS B)	30 A	3	10	8	10	0.21	1.67 0				--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--		1.67 0		--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--			1.67 0	--	--	--	--	--	--	--	6	--
	7	SS-70-1AA (OUTDOOR/INDOOR UNIT)	30 A	2	10	--	10	1.51	2.08 0.72			0.39	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--		2.08 0.09		0.04	12	12	12	1	20 A	LTG.	10	
--	11	SPARE	20 A	1	--	--	--				0 2.08	1.57	10	--	10	2	30 A	SS-70-1AB (OUTDOOR/INDOOR UNIT)	12	
--	13	SPARE	20 A	3	--	--	--		0 2.08			--	--	--	--	--	--	--	14	--
--	15	--	--	--	--	--	--			0 0			--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--				0 0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	30 A	3	--	--	--		0 0				--	--	--	1	20 A	SPARE	20	--
--	21	--	--	--	--	--	--			0 0			--	--	--	1	20 A	SPARE	22	--
--	23	--	--	--	--	--	--				0 0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0 0				--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--			0 0			--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--				0 0		--	--	--	1	20 A	SPARE	30	--
							Total Load:		6.55 kVA	3.83 kVA	3.75 kVA									
							Total Amps:		54.67	32.06	31.22									

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
HVAC Cooling Only	8.32 kVA	100.00%	8.32 kVA		
Lighting	0.087 kVA	100.00%	0.087 kVA	**TOTAL CONNECTED LOAD:**	14.13 kVA
Power	5 kVA	100.00%	5 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	14.127 kVA
Receptacles	0.72 kVA	100.00%	0.72 kVA	**TOTAL CONNECTED AMPS:**	39.21 A
				TOTAL ESTIMATED DEMAND AMPS:	39.2 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PANEL NL1A1T

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ NL1A1 (SEC 3)
LOCATION:
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A	B	C	VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS A)	30 A	3	10	8	10	0.24	1.67 0				--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--		1.67 0		--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--			1.67 0	--	--	--	--	--	--	--	6	--
--	7	SPARE	30 A	3	--	--	--		0 0.72			1.25	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--		0 0			--	--	--	1	20 A	SPARE	10	--
--	11	--	--	--	--	--	--	--			0 0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	30 A	3	--	--	--		0 0				--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--		0 0			--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--			0 0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	20 A	1	--	--	--		0 0				--	--	--	1	20 A	SPARE	20	--
--	21	SPARE	20 A	1	--	--	--			0 0			--	--	--	1	20 A	SPARE	22	--
--	23	SPARE	20 A	1	--	--	--				0 0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0 0				--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--			0 0			--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--				0 0		--	--	--	1	20 A	SPARE	30	--
							Total Load:		2.39 kVA	1.67 kVA	1.67 kVA									
							Total Amps:		19.89	13.89	13.89									

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Power	5 kVA	100.00%	5 kVA		
Receptacles	0.72 kVA	100.00%	0.72 kVA	**TOTAL CONNECTED LOAD:**	5.72 kVA
				TOTAL ESTIMATED DEMAND LOAD:	5.72 kVA
				TOTAL CONNECTED AMPS:	15.88 A
				TOTAL ESTIMATED DEMAND AMPS:	15.9 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

GENERAL NOTES:

1. CONTRACTOR IS PERMITTED TO ADJUST LAYOUT AS NECESSARY TO ACCOMMODATE OTHER SYSTEMS AND COORDINATE WITH EXISTING DUCT WORK. GENERAL LOCATION SHALL BE MAINTAINED. DO NOT MOUNT LUMINAIRES TO THE DUCT WORK. MOUNT LUMINAIRE SUCH THAT SHADOWS ARE NOT CAST.
2. RECEPTACLES, LIGHTING AND EQUIPMENT ON THIS SHEET SHALL BE CONNECTED TO PANELBOARDS WITHIN THE IT ROOM UNLESS OTHERWISE INDICATED. SHADING INDICATES CONNECTION TO EMERGENCY/UPS PANEL.

SHEET NOTES:

1. TYPICAL 120V 20A DUPLEX RECEPTACLE.
2. SECONDARY GROUND BUSBAR PLACEMENT DETERMINED BY OTHERS.
3. SERVICE PANEL FOR A-SIDE POWER, GENERATOR BACKED IF THE FACILITY HAS GENERATION CAPABILITIES. SHAL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
4. SERVICE PANEL FOR B-SIDE POWER, GENERATOR BACKED IF POSSIBLE. SHALL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
5. PROVIDE 30 AMP 208 VOLT THREE-PHASE TWIST LOCK RECEPTACLE (L21-30R); 8.5 FT AFF (WYE (5-WIRE)) COORDINATE INSTALLATION LOCATION WITH TELECOMMUNICATIONS CONTRACTOR.
6. INDOOR UNIT IS POWERED FROM ASSOCIATED OUTDOOR UNIT. ROUTE CIRCUIT VIA MANUAL SWITCH. PROVIDE RECEPTACLE ADJACENT TO UNIT FOR POWER TO CONDENSATE PUMP, CIRCUIT AS SHOWN.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE082281
03.16.2026
Exp 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLAN - FIRST FLOOR - TR 1A140A	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-EN401
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 383 of 484

VA FORM 08 - 6231

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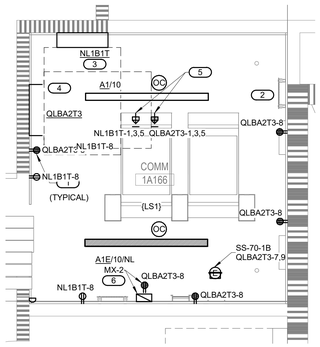
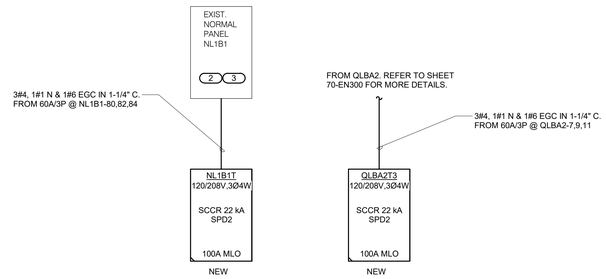


C1 ENLARGED PLAN - FIRST FLOOR - TR 1A166 - ELECTRICAL

1/2" = 1'-0"



C5 TR 1A166- PARTIAL ELECTRICAL RISER DIAGRAM

NO SCALE

RISER DIAGRAM KEYNOTES: (#)

1. PROVIDE A NEW 42 CIRCUIT & 100A MCB PANEL.
2. PROVIDE A 60A/3P BREAKER TO SERVE NEW PANEL.
3. RELOCATE EXISTING BREAKER & CIRCUIT TO VACANT SPARE/SPACE ON PANEL TO ACCOMODATE SUB-FEED BREAKER.
4. PROVIDE NEW 125A/3P CIRCUIT BREAKER (TO MATCH EXISTING) TO SERVE NEW TRANSFORMER. REMOVE EXISTING NON-USED CIRCUIT BREAKER AS NEEDED TO FACILITATE INSTALLATION OF NEW CIRCUIT BREAKER.

PANEL QLBA2T3

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ QLBA2
LOCATION: COMM. RM 1A166
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC: 3.28 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A		B		C		VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
--	1	RCPT L21-30R RACK (BUS B)	30 A	3	10	8	10	0.19	1.67	0						--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--			1.67	0			--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--					1.67	0	--	--	--	--	--	--	--	6	--
--	7	SS-70-1B (OUTDOOR/INDOOR UNIT)	35 A	2	8	--	10	2.35	2.6	0.9					0.35	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--			2.6	0.06			0.03	12	12	12	1	20 A	LTG.	10	
--	11	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	20 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--				0	0				--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--						0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	30 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	--	--	--	--	--	--				0	0				--	--	--	1	20 A	SPARE	22	--
--	23	--	--	--	--	--	--						0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
							Total Load:		5.17 kVA		4.33 kVA		1.67 kVA										
							Total Amps:		46.47		39.49		13.89										

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
HVAC Cooling Only	5.2 kVA	100.00%	5.2 kVA		
Lighting	0.062 kVA	100.00%	0.062 kVA	**TOTAL CONNECTED LOAD:**	11.16 kVA
Power	5 kVA	100.00%	5 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	11.162 kVA
Receptacles	0.9 kVA	100.00%	0.9 kVA	**TOTAL CONNECTED AMPS:**	30.98 A
				TOTAL ESTIMATED DEMAND AMPS:	31 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PANEL NL1B1T

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ NL1B1
LOCATION: COMM. RM 1A166
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A		B		C		VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
--	1	RCPT L21-30R RACK (BUS A)	30 A	3	10	8	10	0.18	1.67	0						--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--			1.67	0			--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--					1.67	0	--	--	--	--	--	--	--	6	--
--	7	SPARE	20 A	3	--	--	--		0	0.36					0.1	12	12	12	1	20 A	RCPT.	8	--
--	9	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	10	--
--	11	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	30 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--				0	0				--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	22	--
--	23	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
							Total Load:		2.03 kVA		1.67 kVA		1.67 kVA										
							Total Amps:		16.89		13.89		13.89										

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Power	5 kVA	100.00%	5 kVA		
Receptacles	0.36 kVA	100.00%	0.36 kVA	**TOTAL CONNECTED LOAD:**	5.36 kVA
				TOTAL ESTIMATED DEMAND LOAD:	5.36 kVA
				TOTAL CONNECTED AMPS:	14.88 A
				TOTAL ESTIMATED DEMAND AMPS:	14.9 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

GENERAL NOTES:

1. CONTRACTOR IS PERMITTED TO ADJUST LAYOUT AS NECESSARY TO ACCOMMODATE OTHER SYSTEMS AND COORDINATE WITH EXISTING DUCT WORK. GENERAL LOCATION SHALL BE MAINTAINED. DO NOT MOUNT LUMINAIRES TO THE DUCT WORK. MOUNT LUMINAIRE SUCH THAT SHADOWS ARE NOT CAST.
2. RECEPTACLES, LIGHTING AND EQUIPMENT ON THIS SHEET SHALL BE CONNECTED TO PANELBOARDS WITHIN THE IT ROOM UNLESS OTHERWISE INDICATED. SHADING INDICATES CONNECTION TO EMERGENCY/UPS PANEL.

SHEET NOTES:

1. TYPICAL 120V 20A DUPLEX RECEPTACLE.
2. SECONDARY GROUND BUSBAR PLACEMENT DETERMINED BY OTHERS.
3. SERVICE PANEL FOR A-SIDE POWER, GENERATOR BACKED IF THE FACILITY HAS GENERATION CAPABILITIES. SHAL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
4. SERVICE PANEL FOR B-SIDE POWER, GENERATOR BACKED IF POSSIBLE. SHALL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
5. PROVIDE 30 AMP 208 VOLT THREE-PHASE TWIST LOCK RECEPTACLE (L21-30R); 8.5 FT AFF {WYE (5-WIRE)} COORDINATE INSTALLATION LOCATION WITH TELECOMMUNICATIONS CONTRACTOR.
6. INDOOR UNIT IS POWERED FROM ASSOCIATED OUTDOOR UNIT. ROUTE CIRCUIT VIA MANUAL SWITCH. PROVIDE RECEPTACLE ADJACENT TO UNIT FOR POWER TO CONDENSATE PUMP, CIRCUIT AS SHOWN.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

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PROJECT #23002990.00

STAMP

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
03-10-2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	ENLARGED PLAN - FIRST FLOOR - TR 1A166
Approved:	
Phase	FINAL BID DOCUMENTS
FULLY SPRINKLERED	
Project Title	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS
Location	1010 DELAFIELD RD, PITTSBURGH, PA 15215
Issue Date	06.27.2025
Checked	EZ
Drawn	JF
Project Number	646A4-22-700
Building Number	70
Drawing Number	70-EN402
	SHEET 384 of 484

VA FORM 08 - 6231

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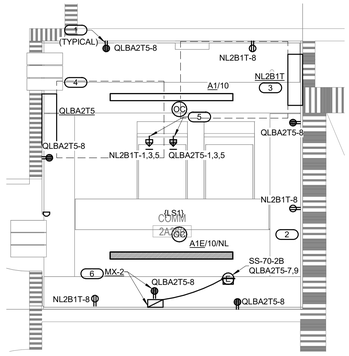
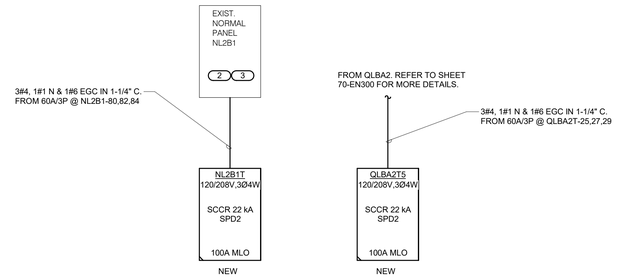


C1 ENLARGED PLAN - SECOND FLOOR - TR 2A260 - ELECTRICAL

1/2" = 1'-0"



C5 TR 2A260- PARTIAL ELECTRICAL RISER DIAGRAM

NO SCALE

RISER DIAGRAM KEYNOTES: (#)

1. PROVIDE A NEW 42 CIRCUIT & 100A MCB PANEL.
2. PROVIDE A 60A/3P BREAKER TO SERVE NEW PANEL.
3. RELOCATE EXISTING BREAKER & CIRCUIT TO VACANT SPARE/SPACE ON PANEL TO ACCOMODATE SUB-FEED BREAKER.
4. PROVIDE NEW 125A/3P CIRCUIT BREAKER (TO MATCH EXISTING) TO SERVE NEW TRANSFORMER. REMOVE EXISTING NON-USED CIRCUIT BREAKER AS NEEDED TO FACILITATE INSTALLATION OF NEW CIRCUIT BREAKER.

PANEL QLBA2T5

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FEED FROM: 60 A/3P @ QLBA2
LOCATION: COMM RM 2A260

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

SECONDARY... 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
SCCR: 22 kA
ISC' UNKNOWN
ISC": 2.72 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	A		B		C		WIRE SIZE G	N	H	P	OCPD AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS B)	30 A	3	10	8	10	1.67	0					--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--			1.67	0			--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--					1.67	0	--	--	--	--	--	--	6	--
	7	SS-70-2B (OUTDOOR/INDOOR UNIT)	35 A	2	8	--	10	2.6	0.9					12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--			2.6	0.06			12	12	12	1	20 A	LTG.	10	
--	11	SPARE	20 A	1	--	--	--					0	0	--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	20 A	3	--	--	--	0	0					--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--			0	0			--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--					0	0	--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	30 A	3	--	--	--	0	0					--	--	--	1	20 A	SPARE	20	--
--	21	--	--	--	--	--	--			0	0			--	--	--	1	20 A	SPARE	22	--
--	23	--	--	--	--	--	--					0	0	--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--	0	0					--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--			0	0			--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--					0	0	--	--	--	1	20 A	SPARE	30	--
							Total Load:	5.17 kVA		4.33 kVA		1.67 kVA									
							Total Amps:	46.47		39.49		13.89									

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
HVAC Cooling Only	5.2 kVA	100.00%	5.2 kVA		
Lighting	0.062 kVA	100.00%	0.062 kVA	**TOTAL CONNECTED LOAD:**	11.16 kVA
Power	5 kVA	100.00%	5 kVA	**TOTAL ESTIMATE DEMAND LOAD:**	11.162 kVA
Receptacles	0.9 kVA	100.00%	0.9 kVA	**TOTAL CONNECTED AMPS:**	30.98 A
				TOTAL ESTIMATED DEMAND AMPS:	31 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PANEL NL2B1T

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ NL2B1
LOCATION: COMM RM 2A260
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A		B		C		VD %	WIRE SIZE G	N	H	P	OCPD AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS A)	30 A	3	10	8	10	0.27	1.67	0						--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--			1.67	0			--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--					1.67	0	--	--	--	--	--	--	--	6	--
--	7	SPARE	20 A	3	--	--	--		0	0.54					0.18	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	10	--
--	11	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	30 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	22	--
--	23	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
							Total Load:		2.21 kVA		1.67 kVA		1.67 kVA										
							Total Amps:		18.39		13.89		13.89										

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Power	5 kVA	100.00%	5 kVA		
Receptacles	0.54 kVA	100.00%	0.54 kVA	**TOTAL CONNECTED LOAD:**	5.54 kVA
				TOTAL ESTIMATED DEMAND LOAD:	5.54 kVA
				TOTAL CONNECTED AMPS:	15.38 A
				TOTAL ESTIMATED DEMAND AMPS:	15.4 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

GENERAL NOTES:

1. CONTRACTOR IS PERMITTED TO ADJUST LAYOUT AS NECESSARY TO ACCOMMODATE OTHER SYSTEMS AND COORDINATE WITH EXISTING DUCT WORK. GENERAL LOCATION SHALL BE MAINTAINED. DO NOT MOUNT LUMINAIRES TO THE DUCT WORK. MOUNT LUMINAIRE SUCH THAT SHADOWS ARE NOT CAST.
2. RECEPTACLES, LIGHTING AND EQUIPMENT ON THIS SHEET SHALL BE CONNECTED TO PANELBOARDS WITHIN THE IT ROOM UNLESS OTHERWISE INDICATED. SHADING INDICATES CONNECTION TO EMERGENCY/UPS PANEL.

SHEET NOTES:

1. TYPICAL 120V 20A DUPLEX RECEPTACLE.
2. SECONDARY GROUND BUSBAR PLACEMENT DETERMINED BY OTHERS.
3. SERVICE PANEL FOR A-SIDE POWER, GENERATOR BACKED IF THE FACILITY HAS GENERATION CAPABILITIES. SHAL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
4. SERVICE PANEL FOR B-SIDE POWER, GENERATOR BACKED IF POSSIBLE. SHALL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
5. PROVIDE 30 AMP 208 VOLT THREE-PHASE TWIST LOCK RECEPTACLE (L21-30R); 8.5 FT AFF (WYE (5-WIRE)) COORDINATE INSTALLATION LOCATION WITH TELECOMMUNICATIONS CONTRACTOR.
6. INDOOR UNIT IS POWERED FROM ASSOCIATED OUTDOOR UNIT. ROUTE CIRCUIT VIA MANUAL SWITCH. PROVIDE RECEPTACLE ADJACENT TO UNIT FOR POWER TO CONDENSATE PUMP, CIRCUIT AS SHOWN.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

Revisions:	Date:

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REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
03.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED PLAN - SECOND FLOOR - TR 2A260	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	Drawing Number: 70-EN403
			SHEET 385 of 484

VA FORM 08 - 6231

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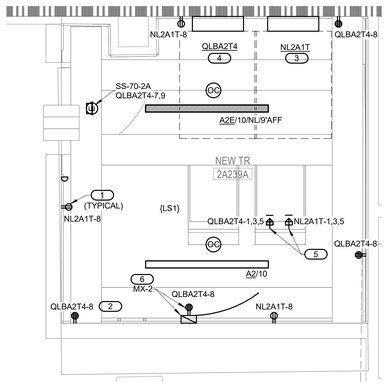
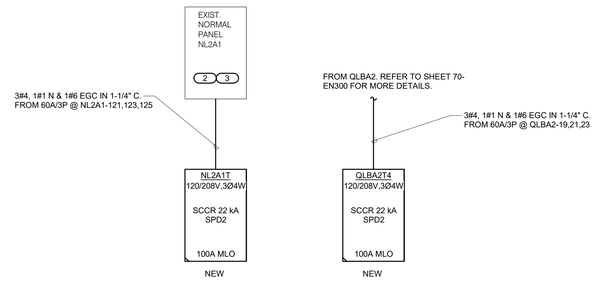


C1 ENLARGED PLAN SECOND FLOOR - TR 2A239A - ELECTRICAL

1/2" = 1'-0"



C5 TR 2A239- PARTIAL ELECTRICAL RISER DIAGRAM

NO SCALE

RISER DIAGRAM KEYNOTES: (#)

1. PROVIDE A NEW 42 CIRCUIT & 100A MCB PANEL.
2. PROVIDE A 60A/3P BREAKER TO SERVE NEW PANEL.
3. RELOCATE EXISTING BREAKER & CIRCUIT TO VACANT SPARE/SPACE ON PANEL TO ACCOMODATE SUB-FEED BREAKER.
4. PROVIDE NEW 125A/3P CIRCUIT BREAKER (TO MATCH EXISTING) TO SERVE NEW TRANSFORMER. REMOVE EXISTING NON-USED CIRCUIT BREAKER AS NEEDED TO FACILITATE INSTALLATION OF NEW CIRCUIT BREAKER.

PANEL QLBA2T4

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ QLBA2
LOCATION: OFFICE 2A229
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC: 1.92 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A		B		C		VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS B)	30 A	3	10	8	10	0.3	1.67	0						--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--			1.67	0			--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--					1.67	0	--	--	--	--	--	--	--	6	--
	7	SS-70-2A (OUTDOOR/INDOOR UNIT)	35 A	2	8	--	10	1.14	2.6	0.72					0.38	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--			2.6	0.09			0.04	12	12	12	1	20 A	LTG.	10	
--	11	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	20 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	30 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	22	--
--	23	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
							Total Load:		4.99 kVA		4.35 kVA		1.67 kVA										
							Total Amps:		45.00		39.72		13.89										

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
HVAC Cooling Only	5.2 kVA	100.00%	5.2 kVA		
Lighting	0.087 kVA	100.00%	0.087 kVA	**TOTAL CONNECTED LOAD:**	11.01 kVA
Power	5 kVA	100.00%	5 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	11.007 kVA
Receptacles	0.72 kVA	100.00%	0.72 kVA	**TOTAL CONNECTED AMPS:**	30.55 A
				TOTAL ESTIMATED DEMAND AMPS:	30.6 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PANEL NL2A1T

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ NL2A1
LOCATION: OFFICE 2A229
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A		B		C		VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS A)	30 A	3	10	8	10	0.3	1.67	0						--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--			1.67	0			--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--					1.67	0	--	--	--	--	--	--	--	6	--
--	7	SPARE	20 A	3	--	--	--		0	0.72					0.45	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	10	--
--	11	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	30 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	22	--
--	23	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
							Total Load:		2.39 kVA		1.67 kVA		1.67 kVA										
							Total Amps:		19.89		13.89		13.89										

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Power	5 kVA	100.00%	5 kVA		
Receptacles	0.72 kVA	100.00%	0.72 kVA	**TOTAL CONNECTED LOAD:**	5.72 kVA
				TOTAL ESTIMATED DEMAND LOAD:	5.72 kVA
				TOTAL CONNECTED AMPS:	15.88 A
				TOTAL ESTIMATED DEMAND AMPS:	15.9 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

GENERAL NOTES:

1. CONTRACTOR IS PERMITTED TO ADJUST LAYOUT AS NECESSARY TO ACCOMMODATE OTHER SYSTEMS AND COORDINATE WITH EXISTING DUCT WORK. GENERAL LOCATION SHALL BE MAINTAINED. DO NOT MOUNT LUMINAIRES TO THE DUCT WORK. MOUNT LUMINAIRE SUCH THAT SHADOWS ARE NOT CAST.
2. RECEPTACLES, LIGHTING AND EQUIPMENT ON THIS SHEET SHALL BE CONNECTED TO PANELBOARDS WITHIN THE IT ROOM UNLESS OTHERWISE INDICATED. SHADING INDICATES CONNECTION TO EMERGENCY/UPS PANEL.

SHEET NOTES:

1. TYPICAL 120V 20A DUPLEX RECEPTACLE.
2. SECONDARY GROUND BUSBAR PLACEMENT DETERMINED BY OTHERS.
3. SERVICE PANEL FOR A-SIDE POWER, GENERATOR BACKED IF THE FACILITY HAS GENERATION CAPABILITIES. SHAL BE EQUIPPED WITH POWER METER, PLACEMENT PER OTHERS.
4. SERVICE PANEL FOR B-SIDE POWER, GENERATOR BACKED IF POSSIBLE. SHALL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
5. PROVIDE 30 AMP 208 VOLT THREE-PHASE TWIST LOCK RECEPTACLE (L21-30R); 8.5 FT AFF {WYE (5-WIRE)} COORDINATE INSTALLATION LOCATION WITH TELECOMMUNICATIONS CONTRACTOR.
6. INDOOR UNIT IS POWERED FROM ASSOCIATED OUTDOOR UNIT. ROUTE CIRCUIT VIA MANUAL SWITCH. PROVIDE RECEPTACLE ADJACENT TO UNIT FOR POWER TO CONDENSATE PUMP, CIRCUIT AS SHOWN.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

Revisions:	Date:

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ENGINEER
No. PE082833
03.10.2026
Exp 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLAN SECOND FLOOR - TR 2A239A	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-EN404
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 386 of 484

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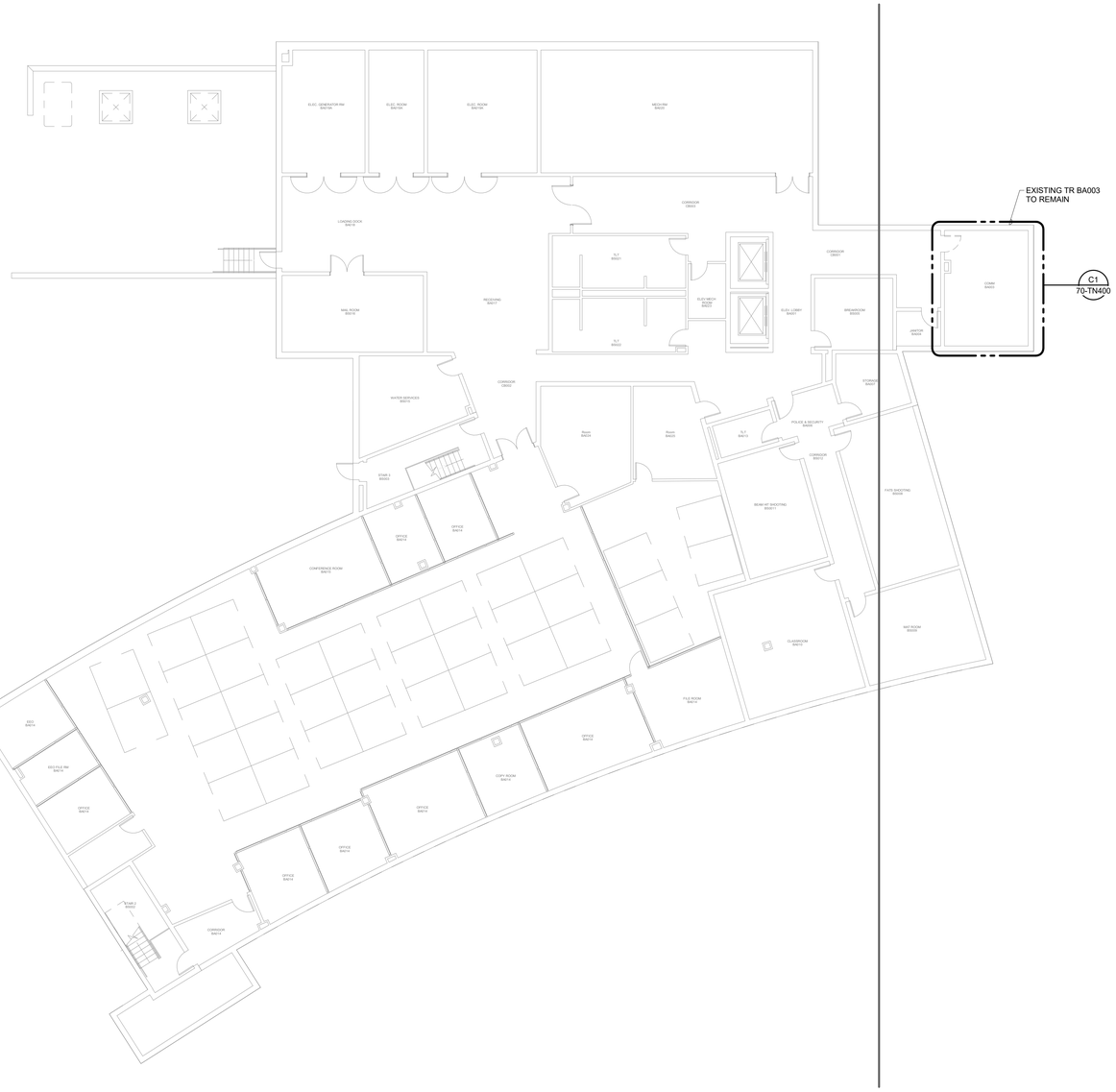
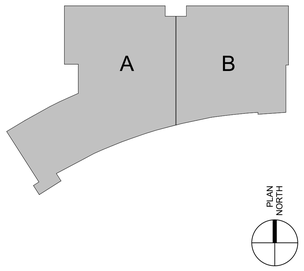


GENERAL NOTES:

1. ALL TELECOMMUNICATIONS ROOMS SHOWN ON THIS SHEET ARE EXISTING ROOMS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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No. PE082281

03.16.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL BASEMENT FLOOR DEMOLITION PLAN - TECHNOLOGY	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-TD100
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 387 of 484

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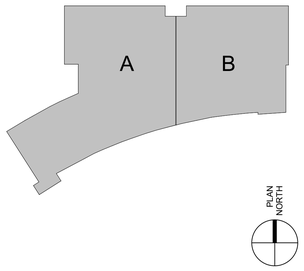
GENERAL NOTES:

1. ALL TELECOMMUNICATIONS ROOMS SHOWN ON THIS SHEET ARE EXISTING ROOMS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



Revisions:	Date:

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No. PE082283
03.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL FIRST FLOOR DEMOLITION PLAN - TECHNOLOGY	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-TD101
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 388 of 484

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GENERAL NOTES:

1. ALL CALLED OUT REGIONS ARE PROPOSED FUTURE TR/TE LOCATIONS OR EXISTING TR/TE LOCATIONS TO BE EXPANDED.
2. ROUTE ALL STRUCTURED CABLING ON THIS LEVEL TO TR 1A131.
3. THE FIBER OPTIC CABLING ON THIS DRAWINGS DO NOT REPRESENT QUANTITY OR TYPE AND ARE ONLY MEANT TO CONVEY PATHWAY. REFER TO THE OVERALL FIBER OPTIC RISER DIAGRAM ON SHEET 00-TG600 AND THE FIBER OPTIC RISER DIAGRAMS ON SHEETS 00-TG601, 00-TG602, AND 00-TG603 FOR FIBER OPTIC CABLE ROUTING AND QUANTITIES AND ADDITIONAL INFORMATION.

SHEET NOTES:

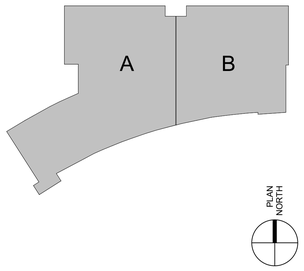
1. PROVIDE AND INSTALL ONE (1) 4" CONDUIT FROM THE CEILING SPACE OF THE LOCATION INDICATED TO THE ROOM ABOVE FOR FIBER DISTRIBUTION. REFER THE FIBER ROUTING PATHWAY DIAGRAM ON 00-TG601 FOR ADDITIONAL INFORMATION.
2. REFER TO TECHNOLOGY SITE PLAN ON 00-TS101 FOR CONDUIT SIZING, QUANTITIES, ROUTING INFORMATION, AND ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

LINETYPE LEGEND:

- B-LEG FIBER PATHWAY
- A-LEG FIBER PATHWAY



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02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: OVERALL BASEMENT FLOOR PLAN - TECHNOLOGY

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

Issue Date: 06.27.2025
Checked: DAVLAR
Drawn: BLARAT

Project Number: 646A4-22-700
Building Number: 70
Drawing Number: 70-TN100
SHEET 389 of 484

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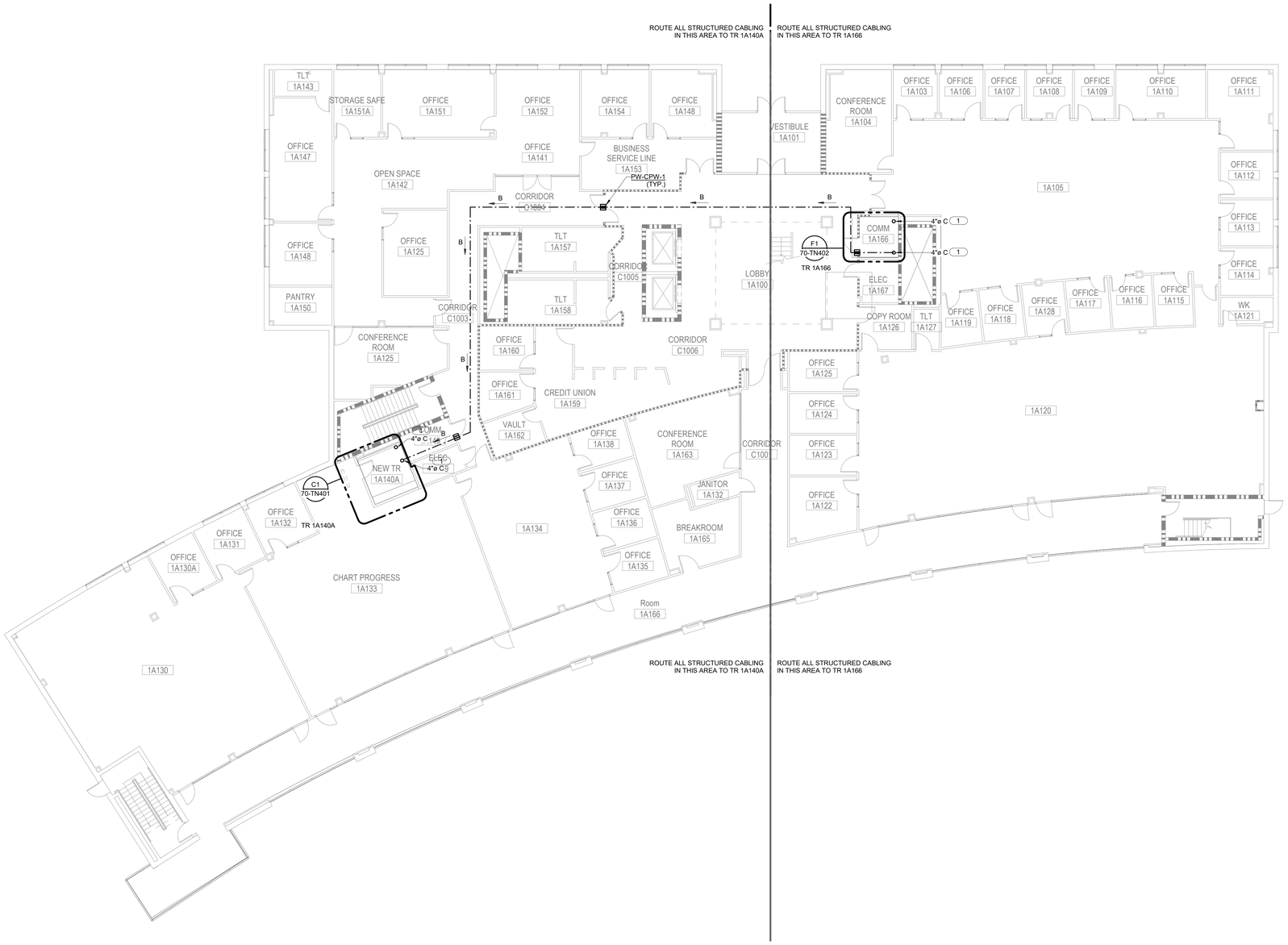


GENERAL NOTES:

1. ALL CALLED OUT REGIONS ARE PROPOSED FUTURE TR/TE LOCATIONS OR EXISTING TR/TE LOCATIONS TO BE EXPANDED.
2. REFER TO CABLE ROUTING LINES FOR ROUTING OF STRUCTURED CABLING.
3. THE FIBER OPTIC CABLING ON THIS DRAWINGS DO NOT REPRESENT QUANTITY OR TYPE AND ARE ONLY MEANT TO CONVEY PATHWAY. REFER TO THE OVERALL FIBER OPTIC RISER DIAGRAM ON SHEET 00-TG600 AND THE FIBER OPTIC RISER DIAGRAMS ON SHEETS 00-TG601, 00-TG602, AND 00-TG603 FOR FIBER OPTIC CABLE ROUTING AND QUANTITIES AND ADDITIONAL INFORMATION.

SHEET NOTES:

#

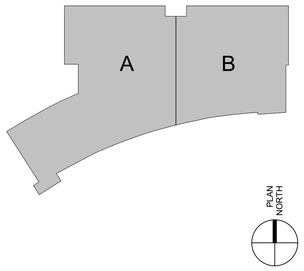
1. PROVIDE AND INSTALL ONE (1) 4" CONDUIT FROM THE CEILING SPACE OF THE LOCATION INDICATED TO THE ROOM ABOVE FOR FIBER DISTRIBUTION. REFER THE FIBER ROUTING PATHWAY DIAGRAM ON 00-TG601 FOR ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

LINETYPE LEGEND:

- B-LEG FIBER PATHWAY
- A-LEG FIBER PATHWAY



Revisions:	Date:

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02.18.2026
Exp.09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL FIRST FLOOR PLAN - TECHNOLOGY	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 70-TN101
			SHEET 390 of 484

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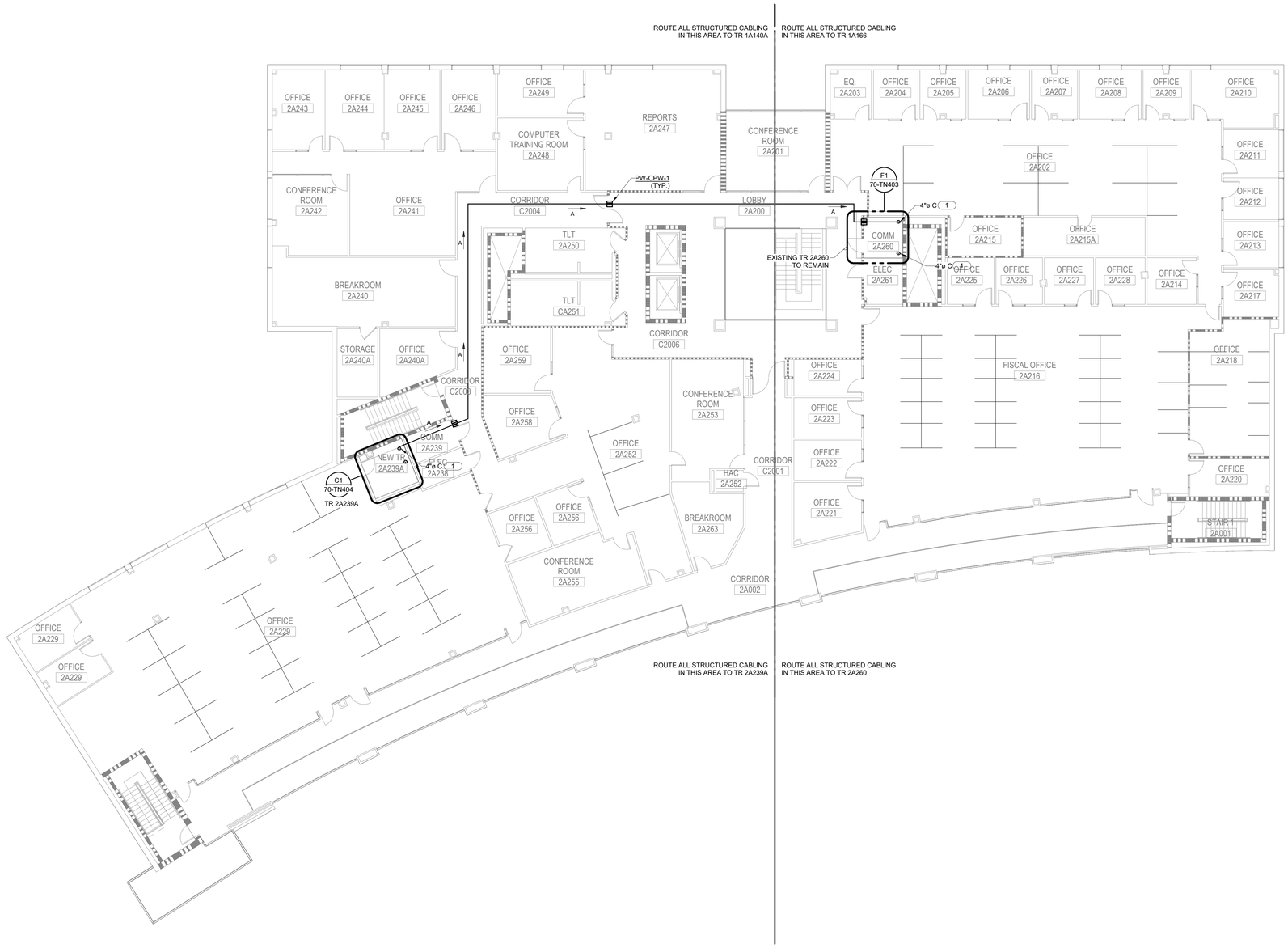


GENERAL NOTES:

1. ALL CALLED OUT REGIONS ARE PROPOSED FUTURE TR/TE LOCATIONS OR EXISTING TR/TE LOCATIONS TO BE EXPANDED.
2. REFER TO CABLE ROUTING LINES FOR ROUTING OF STRUCTURED CABLING.
3. THE FIBER OPTIC CABLING ON THIS DRAWINGS DO NOT REPRESENT QUANTITY OR TYPE AND ARE ONLY MEANT TO CONVEY PATHWAY. REFER TO THE OVERALL FIBER OPTIC RISER DIAGRAM ON SHEET 00-TG600 AND THE FIBER OPTIC RISER DIAGRAMS ON SHEETS 00-TG601, 00-TG602, AND 00-TG603 FOR FIBER OPTIC CABLE ROUTING AND QUANTITIES AND ADDITIONAL INFORMATION.

SHEET NOTES:

#

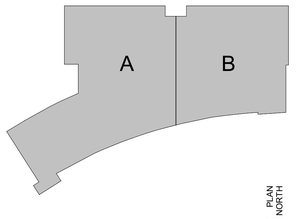
1. CONDUIT STUBBING FROM THE FLOOR BELOW. REFER TO 70-TN101 FOR LOCATION ON FLOOR BELOW. REFER THE FIBER ROUTING PATHWAY DIAGRAM ON 00-TG601 FOR ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

LINETYPE LEGEND:

- B-LEG FIBER PATHWAY
- A-LEG FIBER PATHWAY



PLAN NORTH

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BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
03.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL SECOND FLOOR PLAN - TECHNOLOGY	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-TN102
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 391 of 484

VA FORM 08 - 6231

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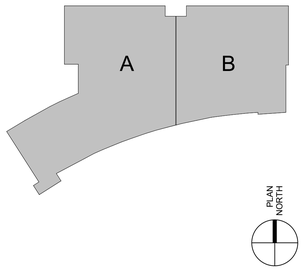
GENERAL NOTES:

1. ALL TELECOMMUNICATIONS ROOMS SHOWN ON THIS SHEET ARE EXISTING ROOMS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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EXP 09.30.2027

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL SECOND FLOOR DEMOLITION PLAN - TECHNOLOGY	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD., PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 70-TD102
			SHEET 392 of 484

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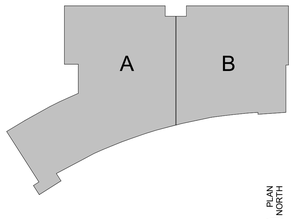
GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 70-TN100A FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20 SCALE FEET

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Drawing Title	Phase	Project Title	Project Number
BASEMENT FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 70-TD100A
			SHEET 393 of 484

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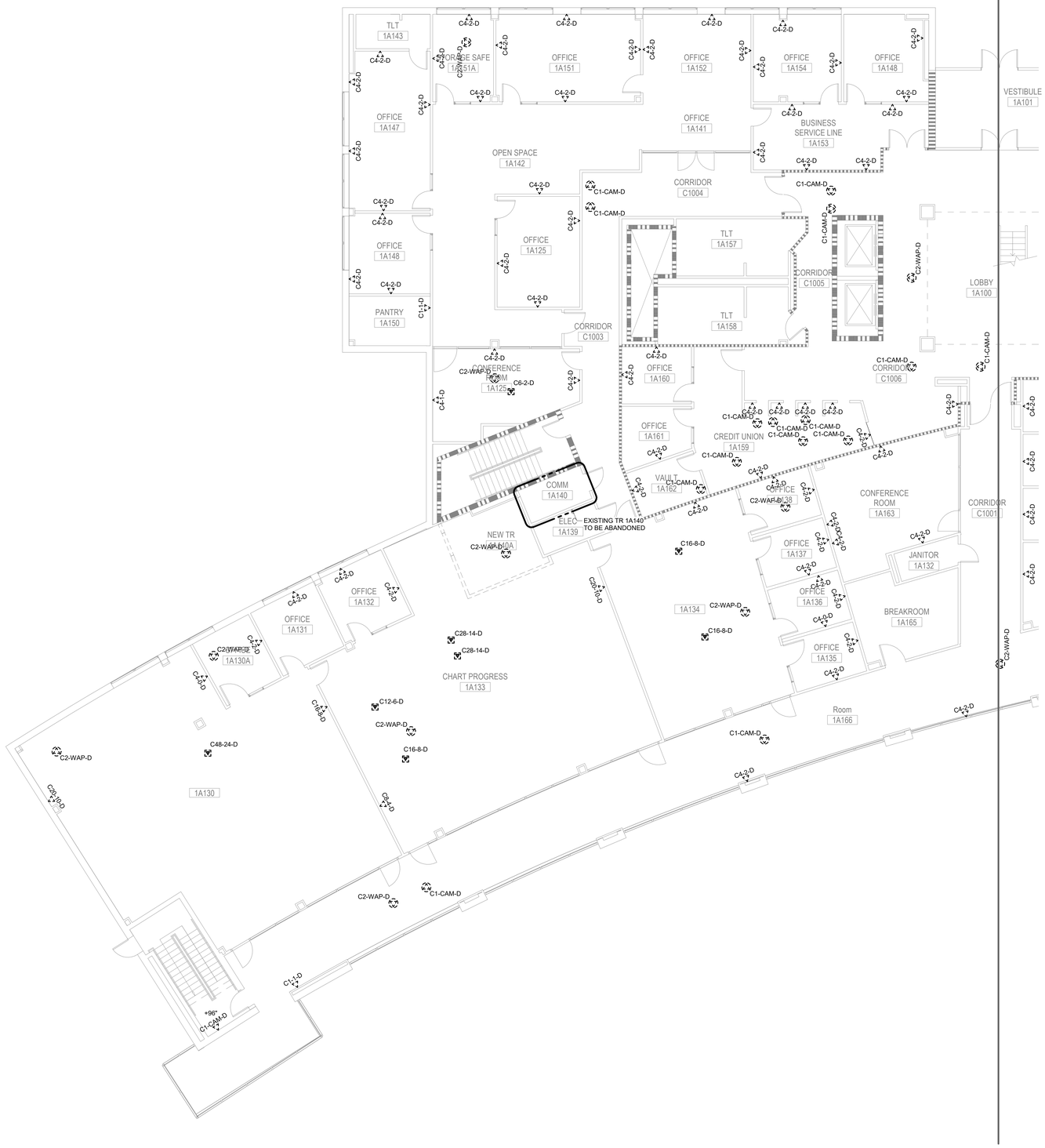
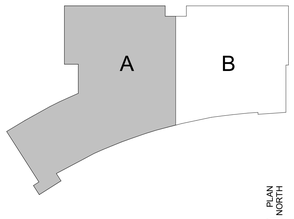


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 70-TN101A FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

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Drawing Title: FIRST FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA A	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 70-TD101A
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 394 of 484

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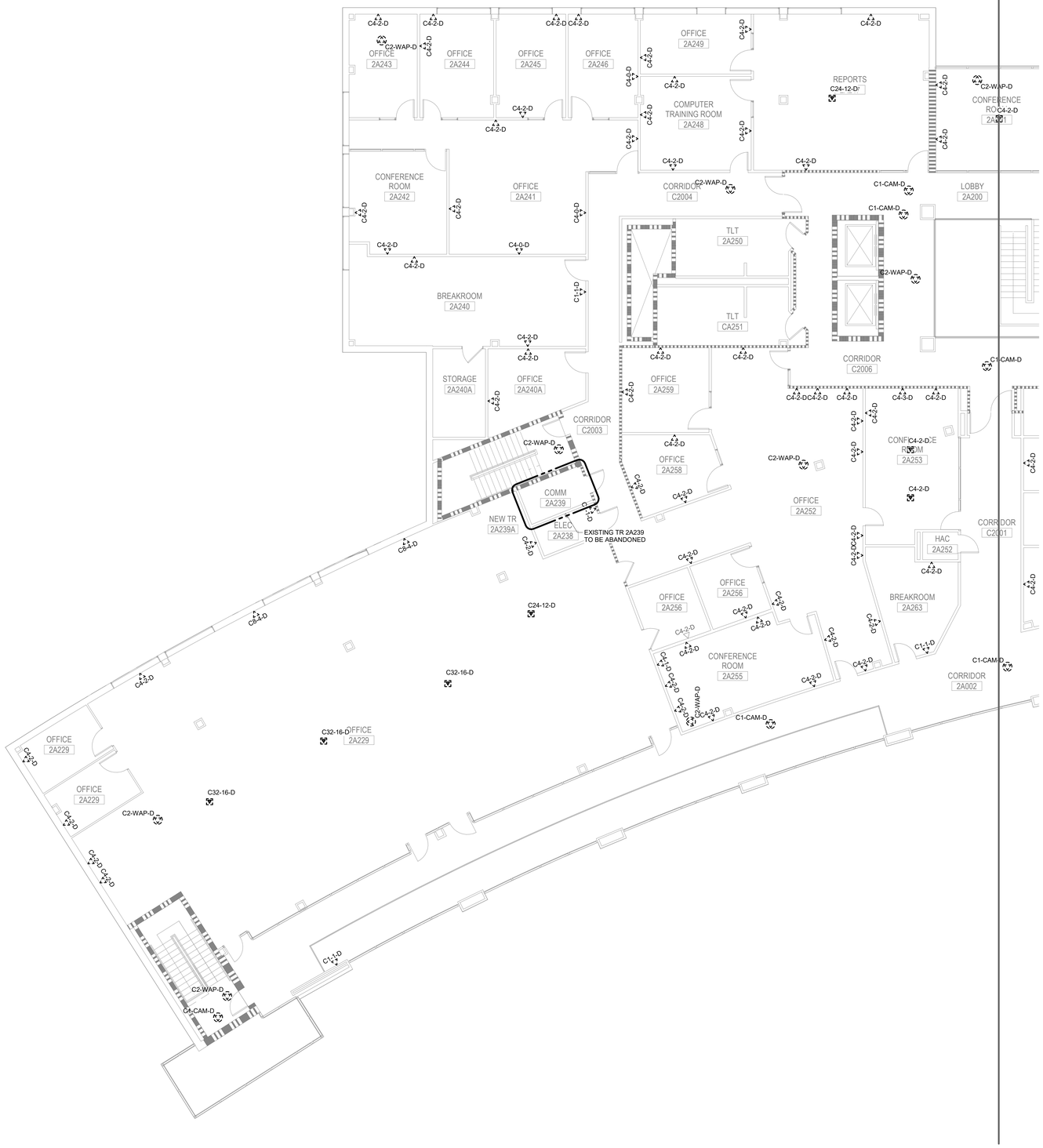
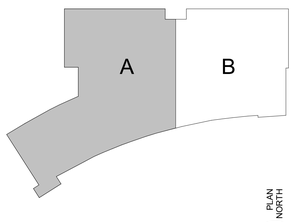


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 70-TN102A FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

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EXP. 09.30.2027

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Drawing Title: SECOND FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA A	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-TD102A
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 395 of 484

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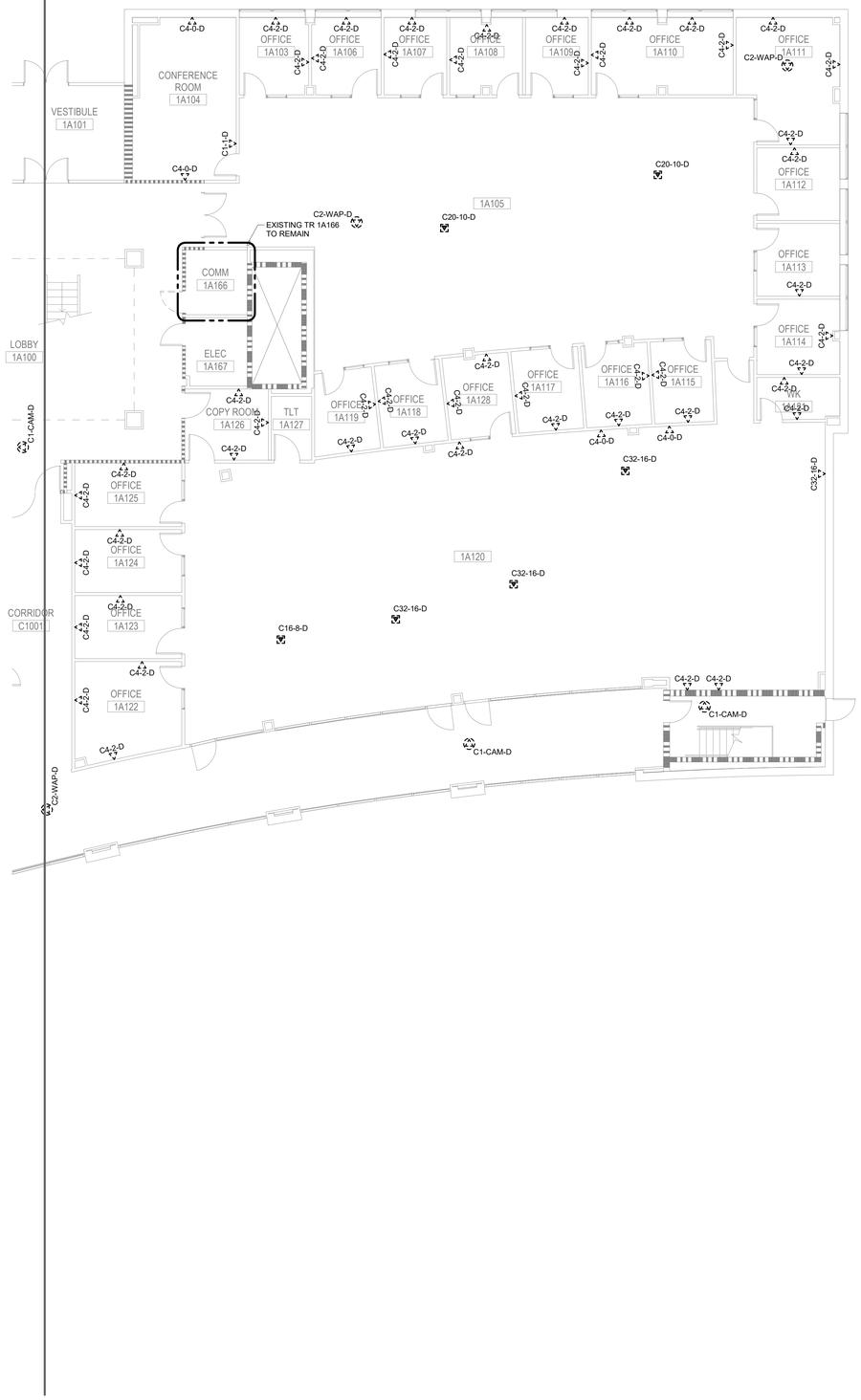
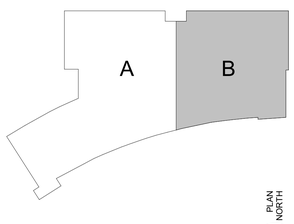


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 70-TN101B FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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Drawing Title: FIRST FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA B	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 70-TD101B
			SHEET 396 of 484

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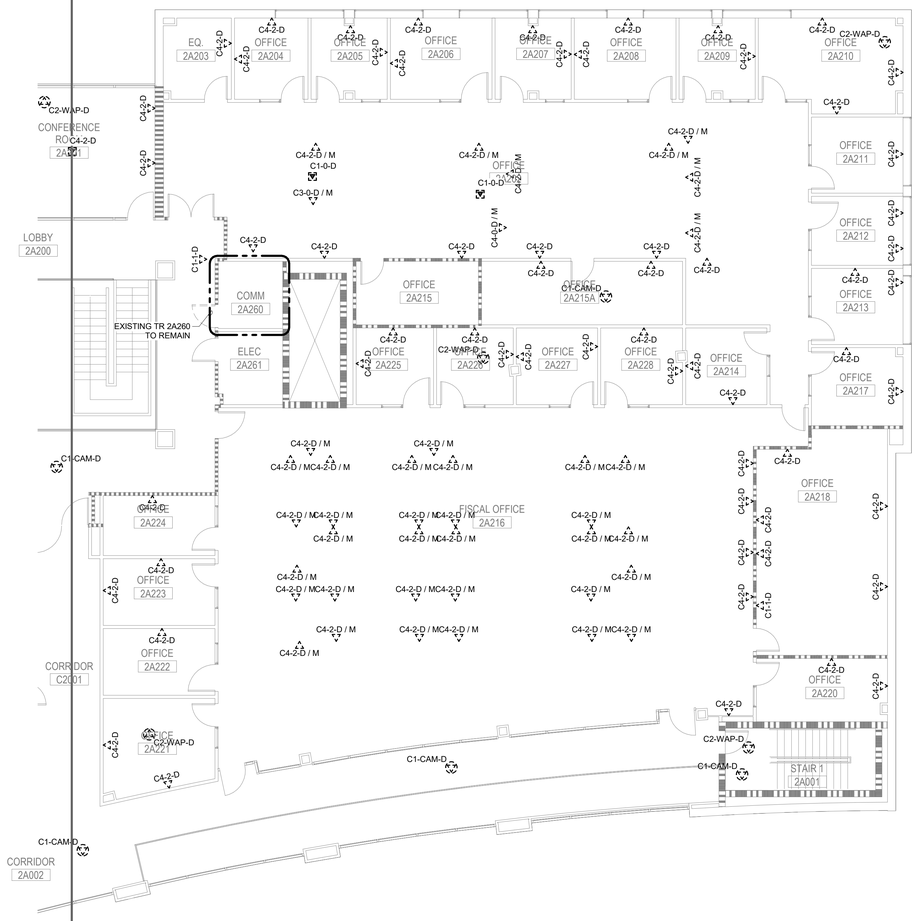
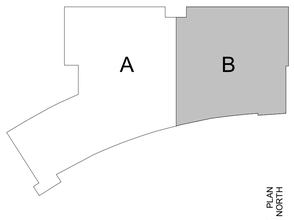


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 70-TN102B FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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Drawing Title: SECOND FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA B	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 70-TD102B
			SHEET 397 of 484

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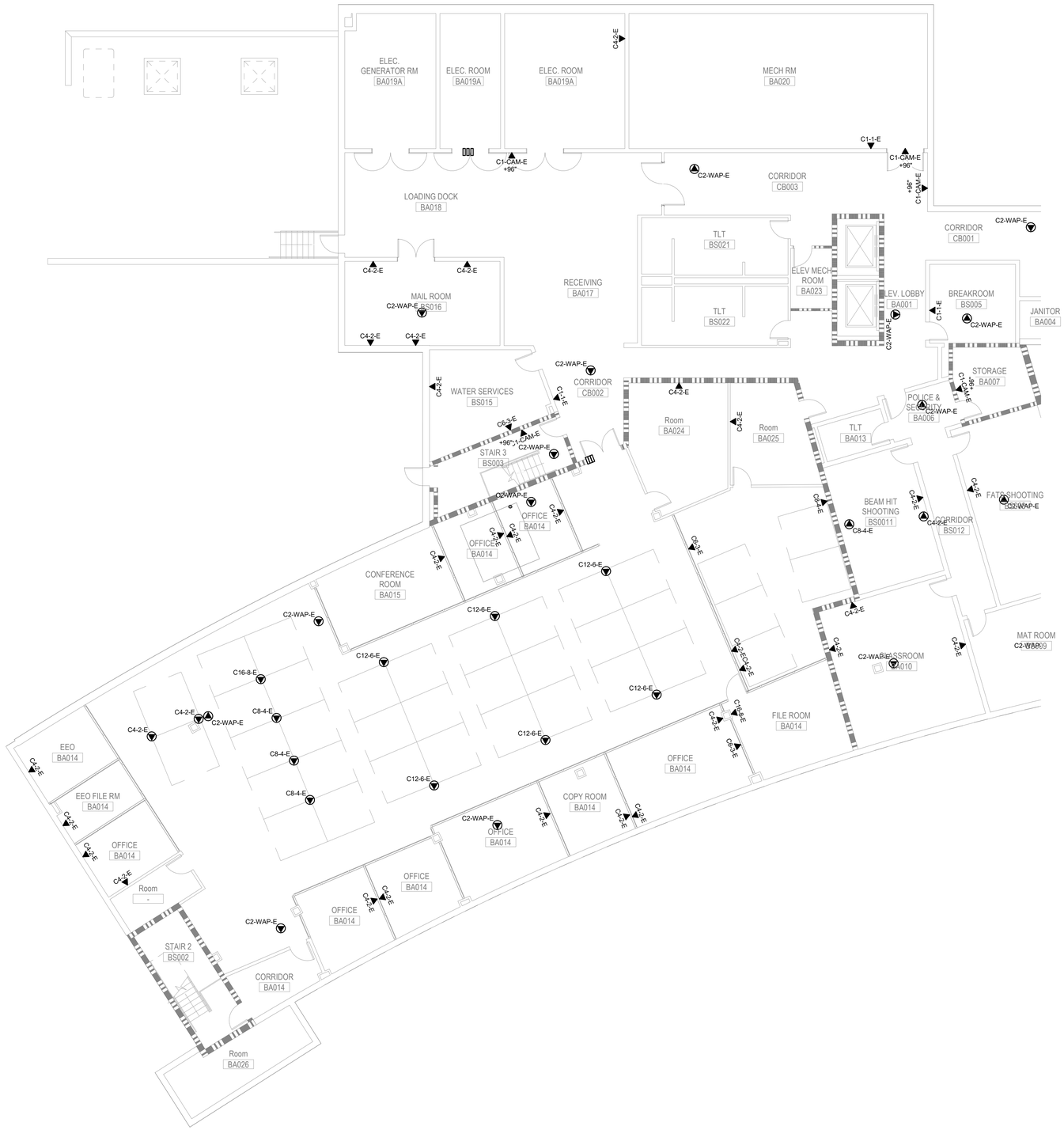
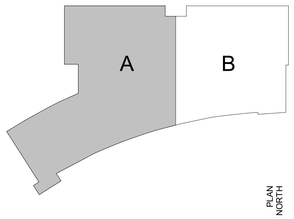


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 70-TD100A FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

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ENGINEER
No. PE078281
03.10.2026
EXP 09.30.2027

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BASEMENT FLOOR PLAN - TECHNOLOGY - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number 70
Approved:	FULLY SPRINKLERED	Location 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number 70-TN100A
		Issue Date 06.27.2025 / Checked DAVLAR / Drawn BLARAT	SHEET 398 of 484

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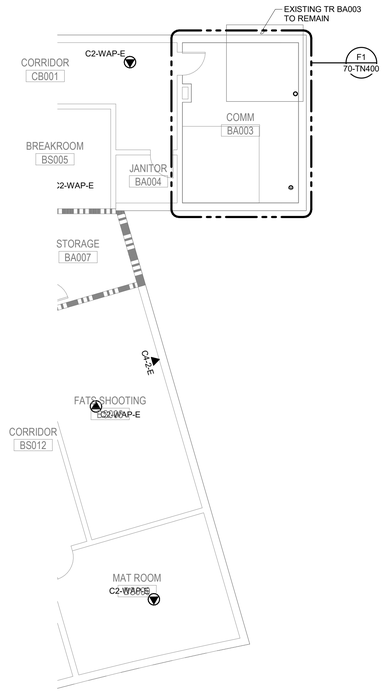

GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 70-TD100B FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

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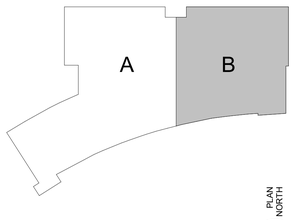

PLAN NORTH

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ENGINEER
No. PE082281
03.16.2026
EXP 09.30.2027

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
BASEMENT FLOOR PLAN - TECHNOLOGY - AREA B	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 70-TN100B
			SHEET 399 of 484

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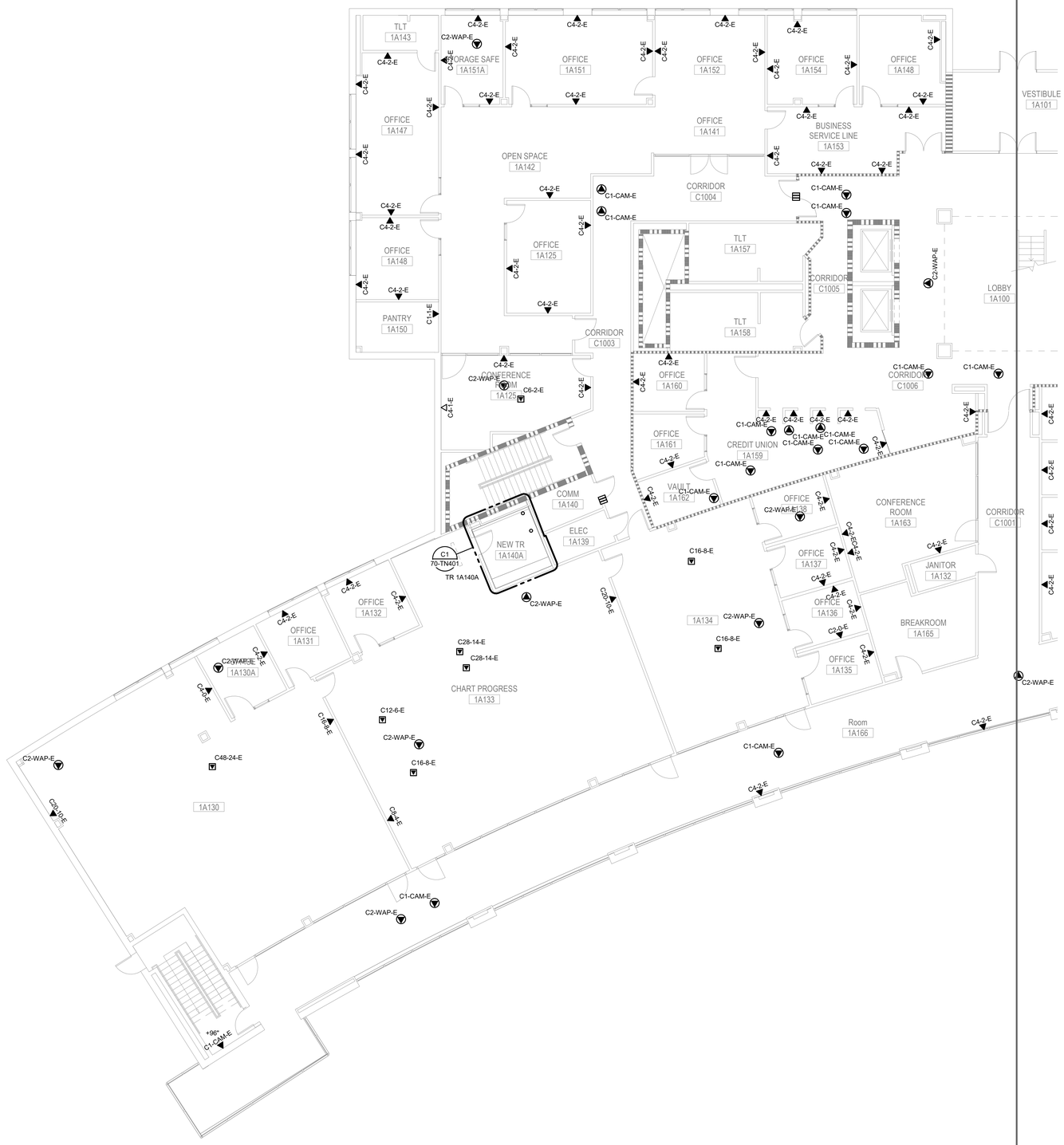

GENERAL NOTES:

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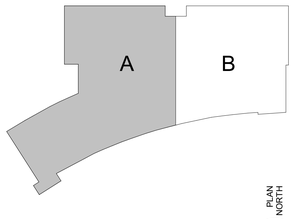

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REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR PLAN - TECHNOLOGY - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Building Number: 70	
		Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-TN101A
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 400 of 484

VA FORM 08 - 6231

Autodesk Docs://Heinz VAMC EHRM_V25/646A-22-700.70.T.IMEG_HNZ_C.rvt
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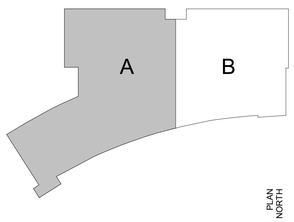
GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 70-TD102A FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20 SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL BRIAN JOSEPH LEAVITT ENGINEER No. PE090283
03.19.2026
EXP. 09.30.2027

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR PLAN - TECHNOLOGY - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Building Number: 70	
		Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-TN102A
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 401 of 484

VA FORM 08 - 6231

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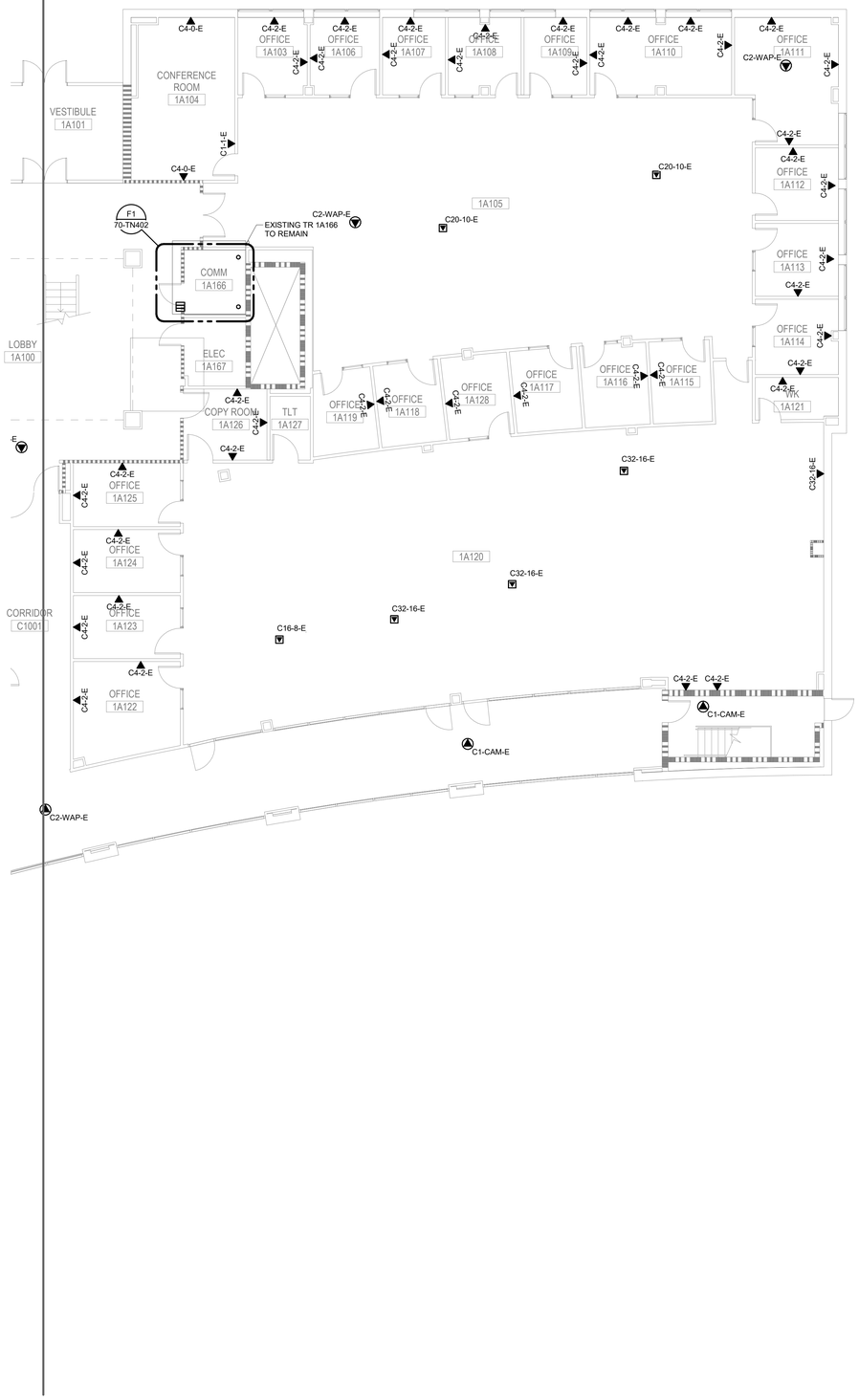
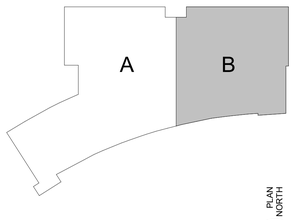


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 70-TD101B FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

Revisions:	Date:

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02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - TECHNOLOGY - AREA B

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

Issue Date: 06.27.2025 | Checked: DAVLAR | Drawn: BLARAT

Project Number: 646A4-22-700

Building Number: 70

Drawing Number: 70-TN101B

SHEET 402 of 484

VA FORM 08 - 6231

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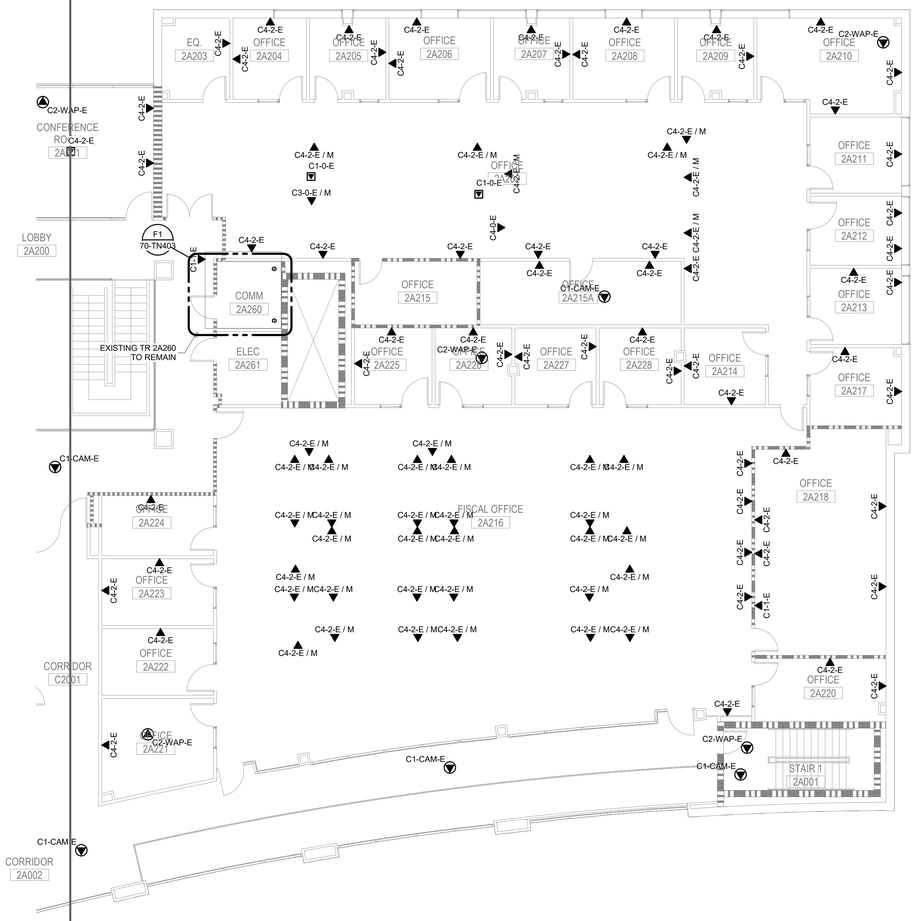
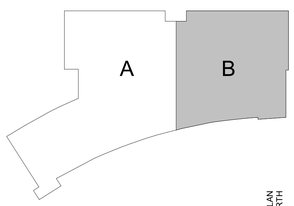


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 70-TD102B FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20 SCALE FEET

Revisions:	Date:

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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER BRIAN JOSEPH LEAVITT No. PE090283
02-10-2026
EXP 09-30-2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR PLAN - TECHNOLOGY - AREA B

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

Issue Date: 06.27.2025
Checked: DAVLAR
Drawn: BLARAT

Project Number: 646A4-22-700
Building Number: 70
Drawing Number: 70-TN102B
SHEET 403 of 484

VA FORM 08 - 6231

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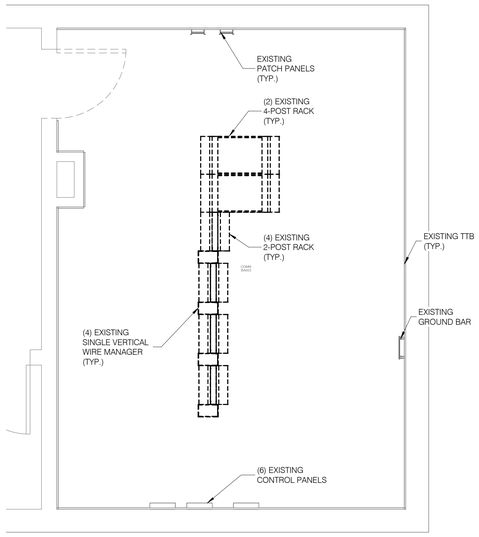
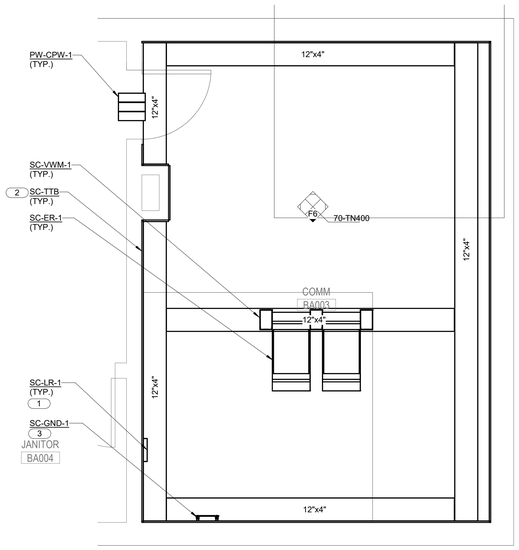


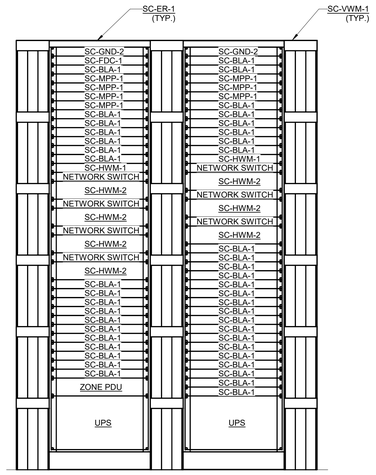
C1 BASEMENT - EXISTING TR BA003 ENLARGED PLAN

3/8" = 1'-0"



F1 BASEMENT - TR BA003 ENLARGED PLAN

3/8" = 1'-0"



F6 BASEMENT - TR BA003 ENLARGED EQUIPMENT RACK ELEVATION

1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SPACE RESERVED FOR SECURITY PANELS IS APPROXIMATE. COORDINATE WITH SECURITY CONTRACTOR FOR SPACE REQUIREMENTS. ANY ADDITIONAL SPACE OUTSIDE THIS AREA WILL NEED TO BE COORDINATED WITH THE COR.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
2. THE FIRE RATED TELEPHONE TERMINAL BOARD (SC-TTB) SHALL COVER ALL THE WALLS IN THE TELECOMMUNICATIONS ROOMS AS SHOWN ABOVE. SHOULD THE WALLS REQUIRE TO BE PAINTED, THE PAINT SHALL BE "FIRE SAFE" PAINT. IF PAINTED, THE FIRE RATED LABEL ON EACH BOARD SHALL NOT BE PAINTED.
3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

Revisions:	Date:

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02.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - BASEMENT - TR BA003	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-TN400
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 404 of 484

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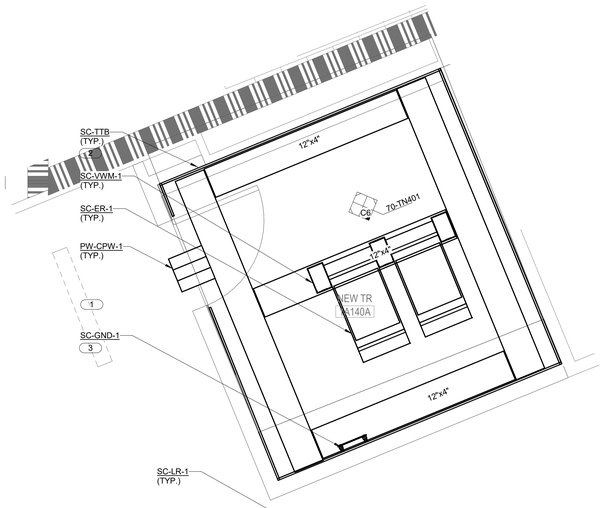
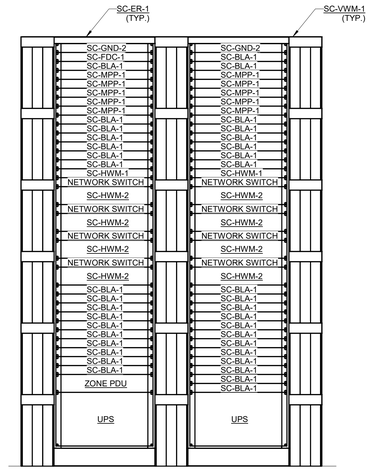


C1 LEVEL 1 - TR 1A140A ENLARGED PLAN

1/2" = 1'-0"



C6 LEVEL 1 - TR 1A140A ENLARGED EQUIPMENT RACK ELEVATION

1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SPACE RESERVED FOR SECURITY PANELS IS APPROXIMATE. COORDINATE WITH SECURITY CONTRACTOR FOR SPACE REQUIREMENTS. ANY ADDITIONAL SPACE OUTSIDE THIS AREA WILL NEED TO BE COORDINATED WITH THE COR.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
2. THE FIRE RATED TELEPHONE TERMINAL BOARD (SC-TTB) SHALL COVER ALL THE WALLS IN THE TELECOMMUNICATIONS ROOMS AS SHOWN ABOVE. SHOULD THE WALLS REQUIRE TO BE PAINTED, THE PAINT SHALL BE "FIRE SAFE" PAINT. IF PAINTED, THE FIRE RATED LABEL ON EACH BOARD SHALL NOT BE PAINTED.
3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

Revisions:	Date:

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02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED PLANS - LEVEL 1 - TR 1A140A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-TN401
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 405 of 484

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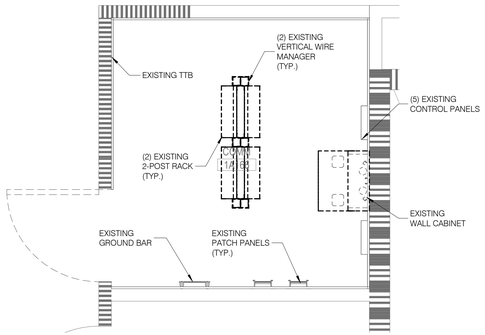
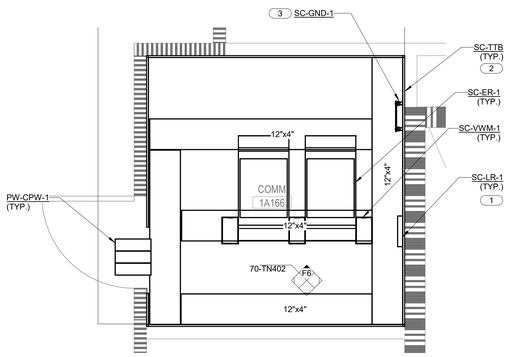


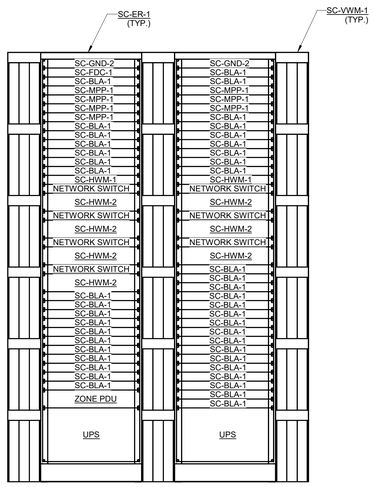
C1 LEVEL 1 - EXISTING TR 1A166 ENLARGED PLAN

1/2" = 1'-0"



F1 LEVEL 1 - TR 1A166 ENLARGED PLAN

1/2" = 1'-0"



F6 LEVEL 1 - TR 1A166 ENLARGED EQUIPMENT RACK ELEVATION

1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SPACE RESERVED FOR SECURITY PANELS IS APPROXIMATE. COORDINATE WITH SECURITY CONTRACTOR FOR SPACE REQUIREMENTS. ANY ADDITIONAL SPACE OUTSIDE THIS AREA WILL NEED TO BE COORDINATED WITH THE COR.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
2. THE FIRE RATED TELEPHONE TERMINAL BOARD (SC-TTB) SHALL COVER ALL THE WALLS IN THE TELECOMMUNICATIONS ROOMS AS SHOWN ABOVE. SHOULD THE WALLS REQUIRE TO BE PAINTED, THE PAINT SHALL BE "FIRE SAFE" PAINT. IF PAINTED, THE FIRE RATED LABEL ON EACH BOARD SHALL NOT BE PAINTED.
3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - LEVEL 1 - TR 1A166	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-TN402
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 406 of 484

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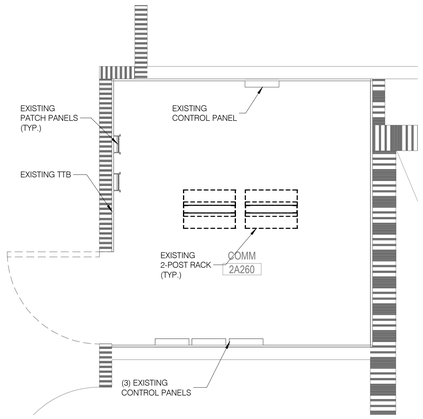
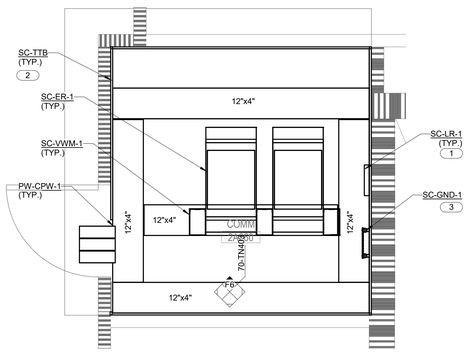


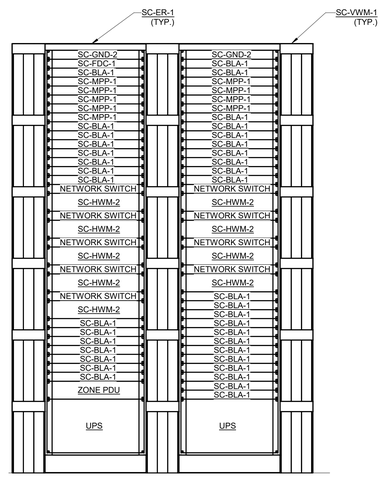
C1 LEVEL 2 - EXISTING TR 2A260 ENLARGED PLAN

1/2" = 1'-0"



F1 LEVEL 2 - TR 2A260 ENLARGED PLAN

1/2" = 1'-0"



F6 LEVEL 2 - TR 2A260 ENLARGED EQUIPMENT RACK ELEVATION

1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SPACE RESERVED FOR SECURITY PANELS IS APPROXIMATE. COORDINATE WITH SECURITY CONTRACTOR FOR SPACE REQUIREMENTS. ANY ADDITIONAL SPACE OUTSIDE THIS AREA WILL NEED TO BE COORDINATED WITH THE COR.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
2. THE FIRE RATED TELEPHONE TERMINAL BOARD (SC-TTB) SHALL COVER ALL THE WALLS IN THE TELECOMMUNICATIONS ROOMS AS SHOWN ABOVE. SHOULD THE WALLS REQUIRE TO BE PAINTED, THE PAINT SHALL BE "FIRE SAFE" PAINT. IF PAINTED, THE FIRE RATED LABEL ON EACH BOARD SHALL NOT BE PAINTED.
3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

A/E:
Awen Solutions Group
215 N. Payne Street, Suite 122
Alexandria, VA 22314

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ROCK ISLAND, IL 61201
P: 309.788.0673 F: 309.786.5967
PROJECT #230020960.00

STAMP

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
03.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED PLANS - LEVEL 2 - TR 2A260	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 70
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 70-TN403
			SHEET 407 of 484

VA FORM 08 - 6231

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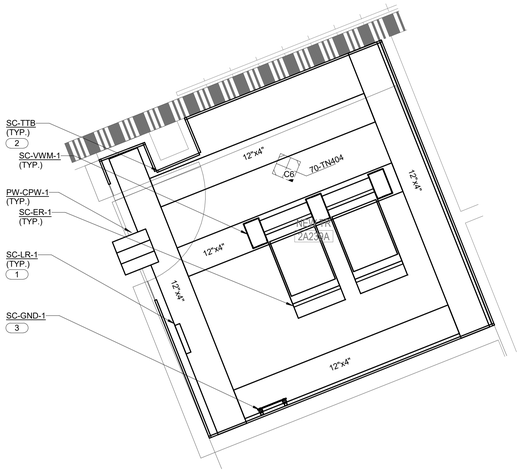
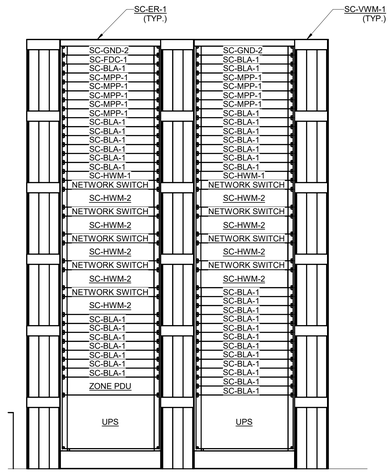


C1 LEVEL 2 - TR 2A239A ENLARGED PLAN

1/2" = 1'-0"



C6 LEVEL 2 - TR 2A239A ENLARGED EQUIPMENT RACK ELEVATION

1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SPACE RESERVED FOR SECURITY PANELS IS APPROXIMATE. COORDINATE WITH SECURITY CONTRACTOR FOR SPACE REQUIREMENTS. ANY ADDITIONAL SPACE OUTSIDE THIS AREA WILL NEED TO BE COORDINATED WITH THE COR.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
2. THE FIRE RATED TELEPHONE TERMINAL BOARD (SC-TTB) SHALL COVER ALL THE WALLS IN THE TELECOMMUNICATIONS ROOMS AS SHOWN ABOVE. SHOULD THE WALLS REQUIRE TO BE PAINTED, THE PAINT SHALL BE "FIRE SAFE" PAINT. IF PAINTED, THE FIRE RATED LABEL ON EACH BOARD SHALL NOT BE PAINTED.
3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

Revisions:	Date:

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ENGINEER
No. PE090283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - LEVEL 2 - TR 2A239A	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-TN404
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 408 of 484

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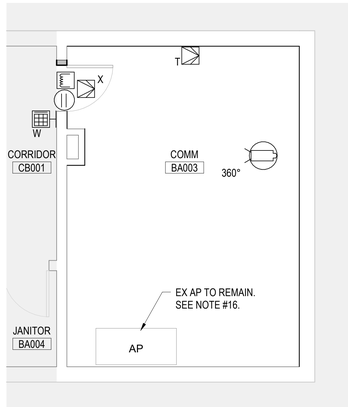
F1 BASEMENT SECURITY PLAN
3/32" = 1'-0"



F6 SECURITY PLAN - BA003
1/4" = 1'-0" REF FROM: F1 / 70-TY120

GENERAL NOTES:

1. COORDINATE MOUNTING HEIGHTS AND INSTALLATION DETAILS WITH ARCHITECTURAL DRAWINGS.
2. BASE BUILDING SECURITY SYSTEM VENDOR IS MILLER INFORMATION SYSTEMS. COORDINATE SECURITY SYSTEM CABINETS, HEAD-ENDS, AND ASSOCIATED INFRASTRUCTURE TO FEED NEW CAMERA AND ACCESS CONTROL DEVICES WITH BASE BUILDING SECURITY VENDOR.
3. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL BY AE WHICH ARE PREPARED BY BASE BUILDING SECURITY SYSTEM VENDOR. DRAWINGS TO INCLUDE ALL NECESSARY COMPONENTS AND BACK-END EQUIPMENT LOCATIONS FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
4. CONTRACTOR SHALL VERIFY IN FIELD EXISTING AVAILABLE SECURITY SWITCHES, HEAD-ENDS AND ASSOCIATED INFRASTRUCTURE. NEW CAMERAS SHALL BE FED FROM NEAREST AVAILABLE SECURITY CABINET. FOR BID PURPOSES, ASSUME 300FT CABLE LENGTH FROM CAMERA TO SECURITY SWITCH.
5. ACCESS CONTROL SYSTEM: NEW ACCESS CONTROL PROVISIONS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
6. SSTV SYSTEM: NEW SECURITY CAMERAS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
7. ALL CONDUIT AND BACK BOXES REQUIRED FOR THE INSTALLATION OF SECURITY DEVICES AND EQUIPMENT TO BE PROVIDED BY DIV. 26 CONTRACTOR. COORDINATE WITH THE VA FACILITIES DEPARTMENT FOR EXACT LOCATION OF DEVICES.
8. REFERENCE ARCHITECTURAL SHEETS FOR ALL LOCK TYPES, ENCLOSURES, FRAME DETAILS AND PATHWAYS.
9. ALL TELECOM RACKS AND ENCLOSURES TO BE PROVIDED BY DIV. 27 CONTRACTOR.
10. ALL SECURITY SWITCHES AND HEAD-END EQUIPMENT IS EXISTING TO REMAIN. EXISTING CAMERAS BEING FED FROM DECOMMISSIONED TELECOM RACKS, PER TELECOM DRAWINGS AND SCOPE, SHALL BE RE-FED FROM NEW/REPLACEMENT RACKS IN NEW TELECOM ROOM LOCATION. COORDINATE WITH TELECOM DRAWINGS FOR MORE INFORMATION.
11. COORDINATE WITH DOOR HARDWARE SCHEDULE IN ARCHITECTURAL DRAWING SET FOR LOCKING MECHANISM TYPE FOR SECURITY INTEGRATION (ELECTRIC LATCH, ELECTRIC STRIKE, MAGNETIC LOCK). PROVIDE ALL HARDWARE AND ACCESSORIES NECESSARY.
12. MOTION DETECTOR REX TO BE PROGRAMMED AND INTEGRATED WITH DOOR HARDWARE TO PREVENT LOCKING OF DOOR IF ROOM IS OCCUPIED. INSTALL REX MOTION SENSOR ABOVE DOOR FRAME. REX TO BE FAIL-SAFE IN EVENT OF DEVICE MALFUNCTION.
13. PROVIDE TRI-TECH MOTION SENSOR IN DATACENTER (SEPARATE FROM REX) FOR ROOM OCCUPANCY MONITORING TIED TO PACS SYSTEM.
14. SUBMIT COMPLETE ACCESS CONTROL AND VIDEO SURVEILLANCE SUBMITTAL PACKAGE PER SPECIFICATION SECTIONS 282300-1.5D AND 281300-1.4D.
15. SECURITY SYSTEM VIDEO STORAGE REQUIREMENTS: 720P, 15IPS, 80% VIDEO MOTION, 30 DAYS.
16. ALL EXISTING ACRE ACCESS CONTROL PANELS TO REMAIN TO FEED NEW SECURITY DEVICES. CONTRACTOR TO VERIFY EXACT LOCATION AND QUANTITY OF AVAILABLE ACP'S AND INCLUDE IN SUBMITTAL PACKAGE TO AE FOR REVIEW.

SYMBOLS LEGEND:

- W — CARD READER WITH KEYPAD (W - WALL MTD)
- 360° — CEILING MTD. CAMERA, 360 DEGREE, W/ SUPPLEMENTAL IR RING.
- ELECTRONIC LOCK
- SECURITY ACCESS, SWITCH, BALANCED MAGNETIC CONTROL
- MOTION DETECTOR
  - T-ROOM OCCUPANCY MOTION SENSOR (TRI-TECH- PIR, MICROWAVE, DOPPLER)
  - X-REQUEST-TO-EXIT MOTION SENSOR (DUAL TECH- PIR, MICROWAVE)

VENDOR CONTACT INFORMATION:

Miller Information Systems
POC: Shane Levdansky
EMAIL: slevdansky@millerinfosys.com
P: 412-781-5000 x308

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/4" = 1'-0" SCALE: 2 0 2 4 6 8 10 FEET

3/32" = 1'-0" SCALE: 5 0 5 10 15 20 25 30 FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

A/E:
Awen Solutions Group
215 N. Payne Street, Suite 122
Alexandria, VA 22312

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT FLOOR SECURITY PLAN	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-TY120
		Issue Date: 06.27.2025 / Checked / Drawn	SHEET 409 of 484

VA FORM 08 - 6231

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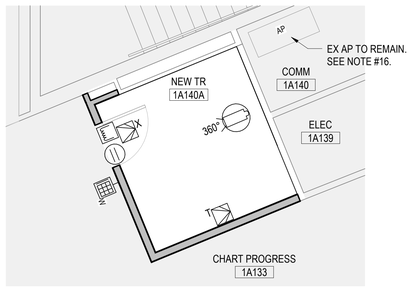
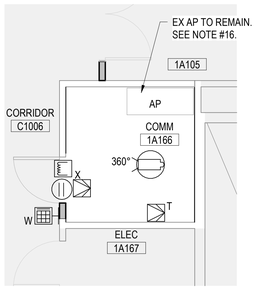
D3 FIRST FLOOR SECURITY PLAN
3/32" = 1'-0"



F5 SECURITY PLAN - TR 1A140A
1/4" = 1'-0" REF FROM: D3 / 70-TY121



F7 SECURITY PLAN - TR 1A166
1/4" = 1'-0" REF FROM: D3 / 70-TY121

GENERAL NOTES:

1. COORDINATE MOUNTING HEIGHTS AND INSTALLATION DETAILS WITH ARCHITECTURAL DRAWINGS.
2. BASE BUILDING SECURITY SYSTEM VENDOR IS MILLER INFORMATION SYSTEMS. COORDINATE SECURITY SYSTEM CABINETS, HEAD-ENDS, AND ASSOCIATED INFRASTRUCTURE TO FEED NEW CAMERA AND ACCESS CONTROL DEVICES WITH BASE BUILDING SECURITY VENDOR.
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SYMBOLS LEGEND:

- W — CARD READER WITH KEYPAD (W - WALL MTD)
- 360° — CEILING MTD. CAMERA, 360 DEGREE, W/ SUPPLEMENTAL IR RING.
- E — ELECTRONIC LOCK
- SECURITY ACCESS, SWITCH, BALANCED MAGNETIC CONTROL
- MOTION DETECTOR
  - T-ROOM OCCUPANCY MOTION SENSOR (TRI-TECH- PIR, MICROWAVE, DOPPLER)
  - X-REQUEST-TO-EXIT MOTION SENSOR (DUAL TECH- PIR, MICROWAVE)

VENDOR CONTACT INFORMATION:

Miller Information Systems
POC: Shane Levdansky
EMAIL: slevdansky@millerinfosys.com
P: 412-781-5000 x308

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/4" = 1'-0" SCALE: 2 0 2 4 6 8 10 FEET

3/32" = 1'-0" SCALE: 5 0 5 10 15 20 25 30 FEET

Revisions:	Date:

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AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

A/E:
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Alexandria, VA 22312

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR SECURITY PLAN	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 70-TY121
		Issue Date: 06.27.2025 / Checked / Drawn	SHEET 410 of 484

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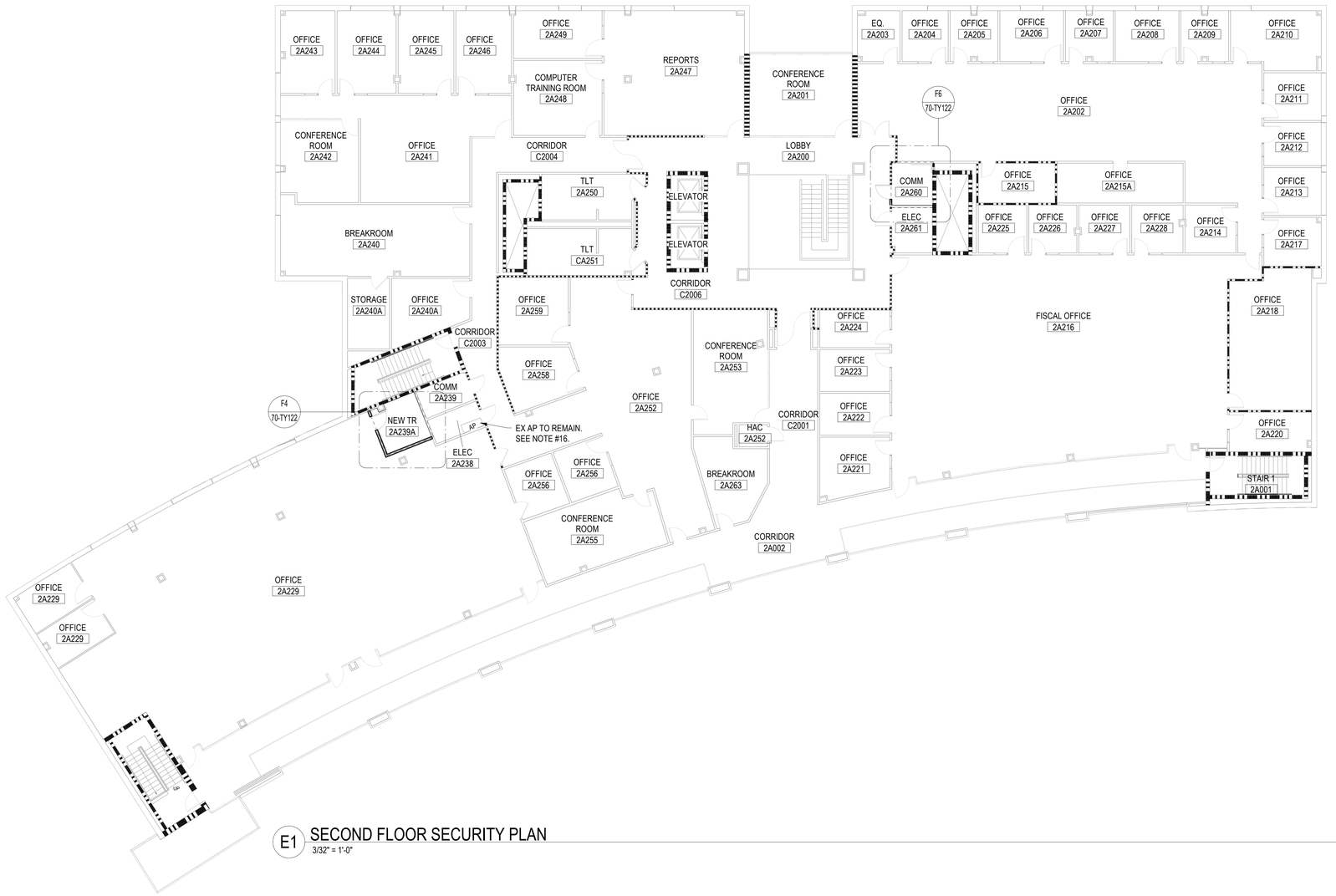
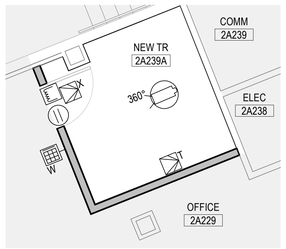
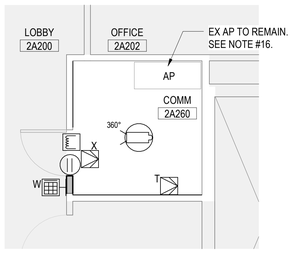


E1 SECOND FLOOR SECURITY PLAN
3/32" = 1'-0"



F4 SECURITY PLAN - TR 2A239A
1/4" = 1'-0" REF FROM: E1 / 70-TY122



F6 SECURITY PLAN - TR 2A260
1/4" = 1'-0" REF FROM: E1 / 70-TY122

GENERAL NOTES:

1. COORDINATE MOUNTING HEIGHTS AND INSTALLATION DETAILS WITH ARCHITECTURAL DRAWINGS.
2. BASE BUILDING SECURITY SYSTEM VENDOR IS MILLER INFORMATION SYSTEMS. COORDINATE SECURITY SYSTEM CABINETS, HEAD-ENDS, AND ASSOCIATED INFRASTRUCTURE TO FEED NEW CAMERA AND ACCESS CONTROL DEVICES WITH BASE BUILDING SECURITY VENDOR.
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15. SECURITY SYSTEM VIDEO STORAGE REQUIREMENTS: 720P, 15IPS, 80% VIDEO MOTION, 30 DAYS.
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SYMBOLS LEGEND:

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PLAN NORTH

1/4" = 1'-0" SCALE 2 0 2 4 6 8 10 FEET

3/32" = 1'-0" SCALE 5 0 5 10 15 20 25 30 FEET

Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR SECURITY PLAN	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 70
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 70-TY122
		Issue Date: 06.27.2025 / Checked / Drawn	SHEET 411 of 484

VA FORM 08 - 6231

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EHRM INFRASTRUCTURE UPGRADES

VAPHS H.J. HEINZ CAMPUS

1010 DELAFIELD RD, PITTSBURGH, PA 15215

BUILDING 71

FINAL BID DOCUMENTS

06.27.2025

DESIGN TEAM

OWNER

VA PITTSBURGH HEALTHCARE SYSTEM UNIVERSITY DRIVE CAMPUS
4100 Allequippa St.
Pittsburgh, PA 15240-1001

VA | U.S. Department of Veterans Affairs

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Alexandria, VA 22314
Contact: Amy Carr
acarr@awensolutions.com
(720) 703-0640

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St. Louis, MO 63143
Contact: David Larson
David.L.Larson@imegcorp.com
(314) 951-2530

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CIVIL ENGINEER

Langan Engineering and Environmental Services
2400 Arsenal Drive, Suite 403
Canonsburg, PA 15317
Contact: Erminio Genoese, PE
Egenoese@langan.com
Direct: (724) 514-5143
Mobile: (717) 586-5679

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

ENVIRONMENTAL ENGINEER

CT Consultants, Inc.
44265 Plymouth Oaks Blvd
Plymouth, MI 48170
Contact: Harjot Singh
hsingh@ctconsultants.com
(419) 214-5058

CT consultants

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71-TN101	OVERALL FIRST FLOOR PLAN - TECHNOLOGY
71-TN101A	FIRST FLOOR PLAN - TECHNOLOGY - AREA A
71-TN101B	FIRST FLOOR PLAN - TECHNOLOGY - AREA B
71-TN101C	FIRST FLOOR PLAN - TECHNOLOGY - AREA C
71-TN102	OVERALL SECOND FLOOR PLAN - TECHNOLOGY
71-TN102A	SECOND FLOOR PLAN - TECHNOLOGY - AREA A
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TOTAL: 73

Revisions:	Date:

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REGISTERED ARCHITECT
PENNSYLVANIA
GENE H. KLOW No. RA401141

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title COVER SHEET	**Phase** FINAL BID DOCUMENTS	**Project Title** EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	**Project Number** 646A4-22-700
			Building Number 71
Approved:	FULLY SPRINKLERED	**Location** 1010 DELAFIELD RD, PITTSBURGH, PA 15215	**Drawing Number** 71-GI001
		Issue Date 06.27.2025 / **Checked** / **Drawn**	SHEET 412 of 484

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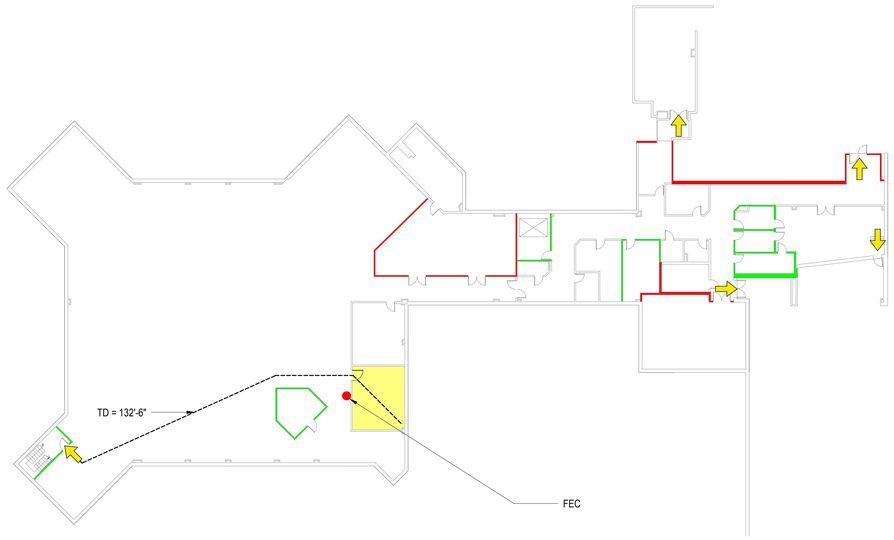
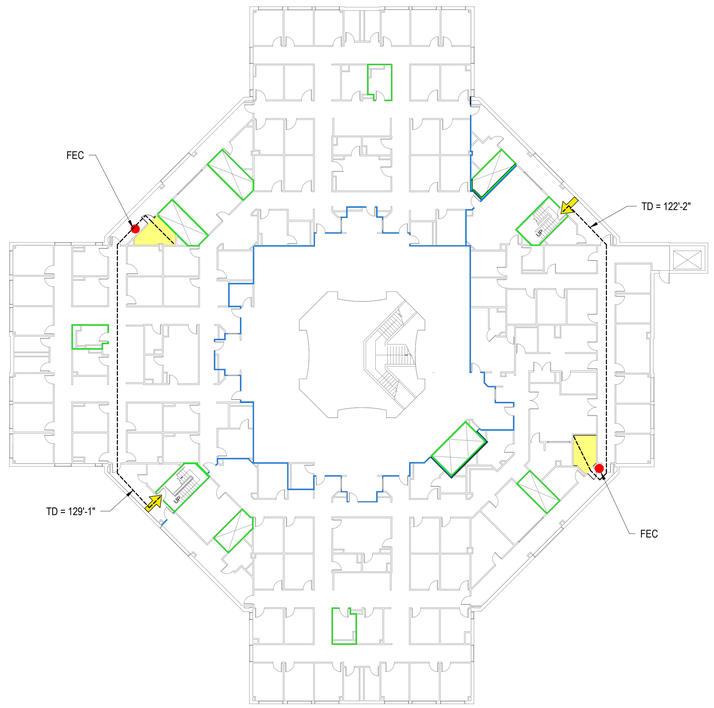
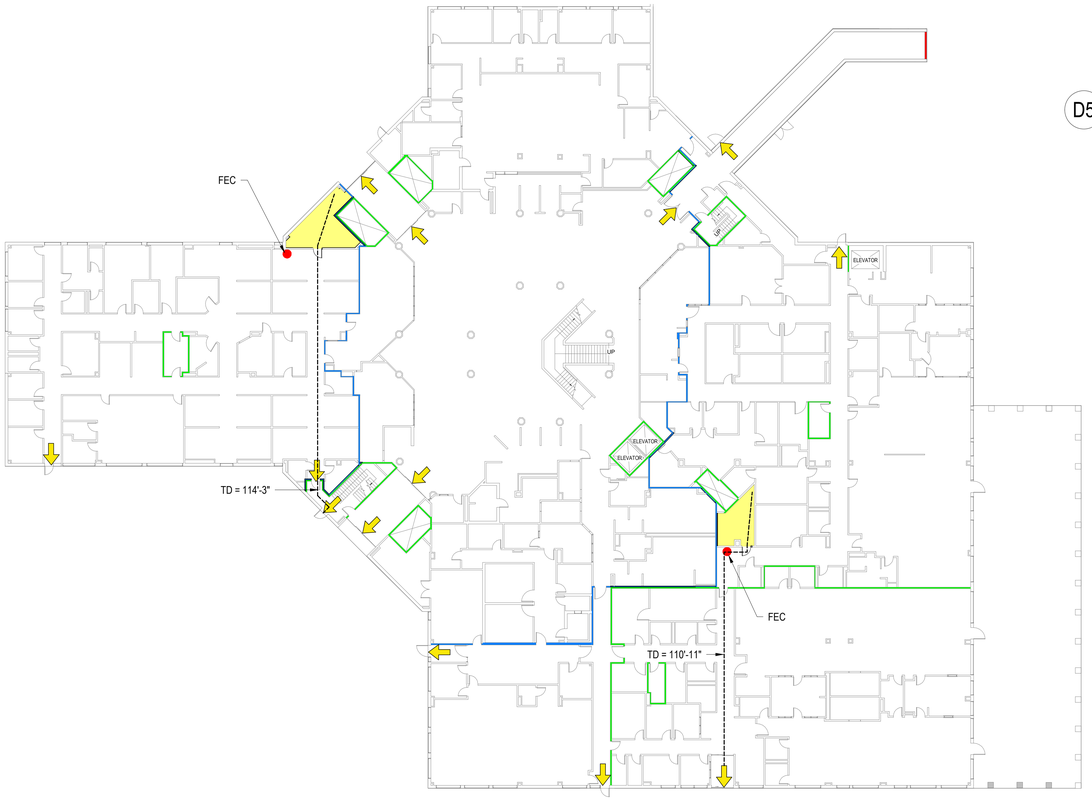


C1 GROUND FLOOR EGRESS PLAN
3/64" = 1'-0"



D5 2ND FLOOR EGRESS PLAN
3/64" = 1'-0"



F1 1ST FLOOR EGRESS PLAN
3/64" = 1'-0"

GENERAL NOTES:

FLS LEGEND

- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- EGRESS PATH
- EXIT
- FIRE CABINET (FEC)

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PLAN NORTH

3/64" = 1'-0" 5 0 5 10 15 20 25 30 SCALE FEET

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title	EGRESS DIAGRAMS
Phase	FINAL BID DOCUMENTS
Project Title	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS
Project Number	646A4-22-700
Building Number	71
Approved:	
	FULLY SPRINKLERED
Location	1010 DELAFIELD RD, PITTSBURGH, PA 15215
Issue Date	06.27.2025
Checked	
Drawn	
Drawing Number	71-GI110
	SHEET 413 of 484

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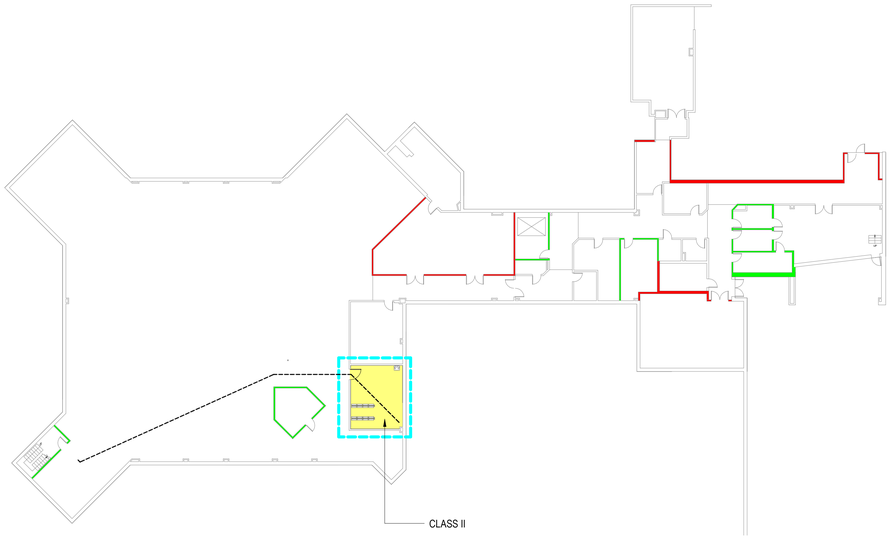
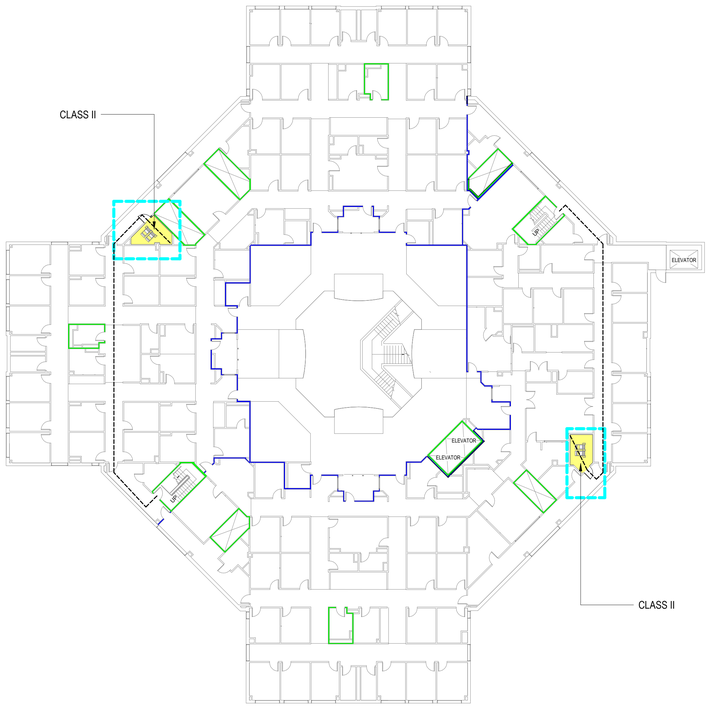
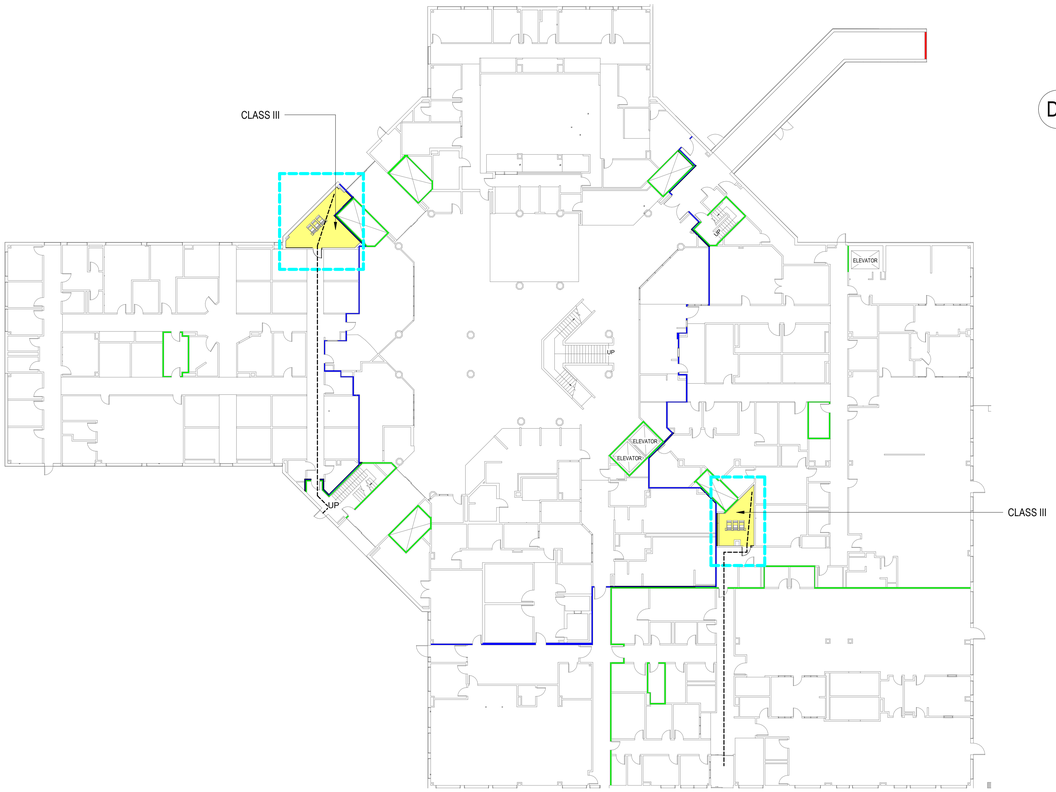


C1 GROUND FLOOR SEQUENCE PLAN
3/64" = 1'-0"



D5 2ND FLOOR SEQUENCE PLAN
3/64" = 1'-0"



F1 1ST FLOOR SEQUENCE PLAN
3/64" = 1'-0"

GENERAL NOTES:

1. THIS IS PROVIDED AS AN OUTLINE OF PROJECT WORK. CONTRACTOR RESPONSIBLE FOR SEQUENCING AND COORDINATION OF PHASING AND REFERENCING REQUIRED GUIDANCE IN THE "VA PITTSBURGH HEALTHCARE SYSTEM (VAPHS) MEDICAL CENTER REQUIREMENTS" STATION MANUAL. REVIEW FOR FURTHER GUIDANCE REGARDING DETAILED SITE ENGAGEMENT REQUIREMENTS. FINAL PHASING DETAILS SUBJECT TO CONTRACTOR MEANS AND METHODS AND SCHEDULE.
2. REFER TO ALL DISCIPLINES, PROJECT MANUALS, AND CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR SHALL MAINTAIN EGRESS PASSAGEWAYS MAIN CORRIDOR, ELEVATOR LOBBY, STAIR EXITS, AND FACILITY EGRESS AND EXIT DOORS DURING PROJECT DURATION.

INFECTION CONTROL ASSESSMENT

AREA ID	LEVEL	ROOM NUMBER	PROGRAM	ICRA ACTIVITY TYPE	ICRA RISK GROUP	ICRA REQS
71		GA119	REMAIN	B/C	LOW	II
71		1C122	REMAIN	B/C	MEDIUM	III
71		1A168	REMAIN	B/C	HIGH	III
71		2A127	REMAIN	B/C	LOW	II
71		2C108	REMAIN	B/C	LOW	II

SEQUENCE LEGEND

- AREA OF WORK
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- ACCESS PATH
- EXIT

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PLAN NORTH

3/64" = 1'-0" 5 0 5 10 15 20 25 30
SCALE FEET

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SEQUENCE DIAGRAMS
Approved:
Phase: FINAL BID DOCUMENTS
FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS
Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215
Issue Date: 06.27.2025
Checked:
Drawn:
Project Number: 646A4-22-700
Building Number: 71
Drawing Number: 71-GI115
SHEET 414 of 484

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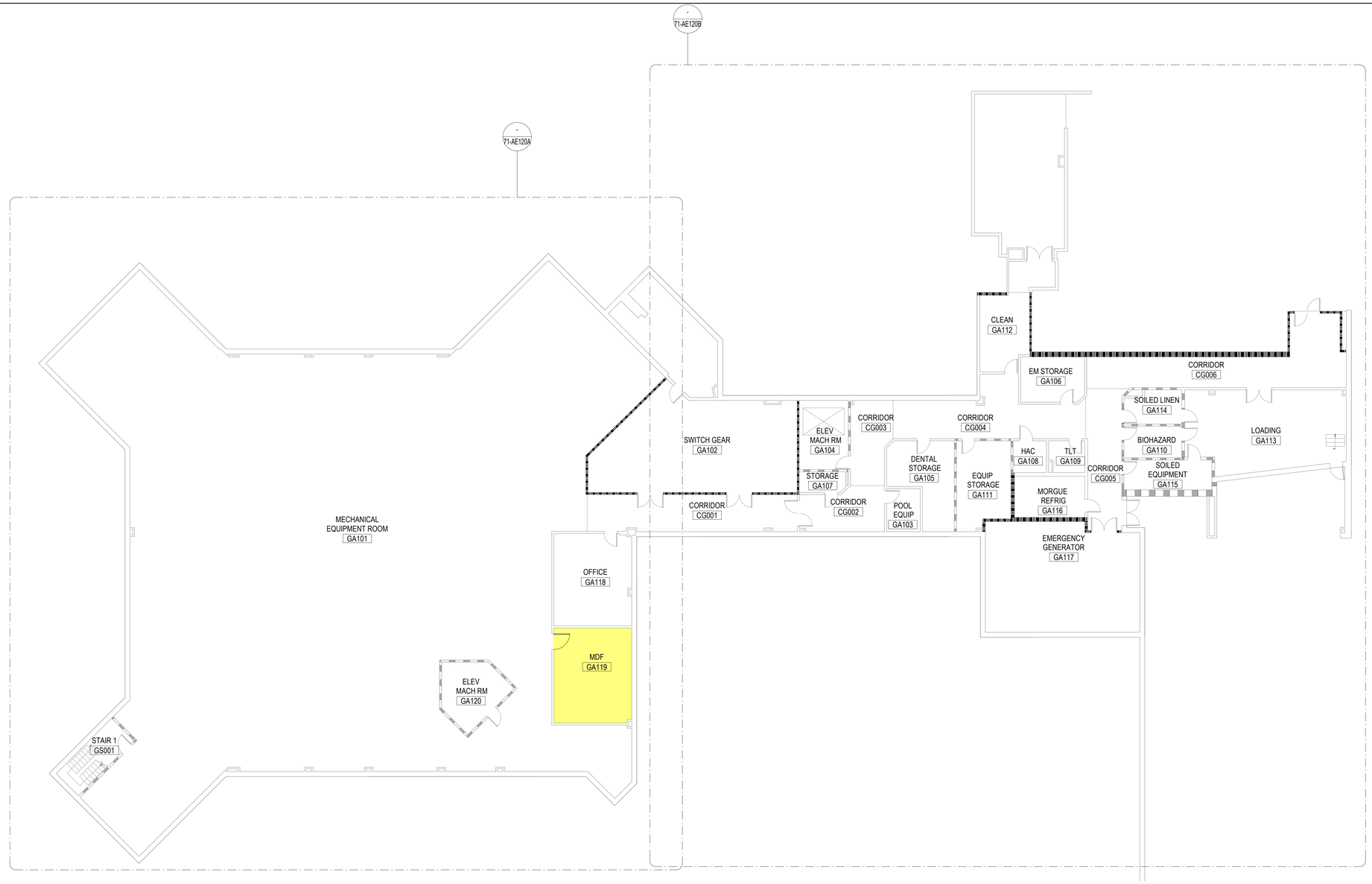
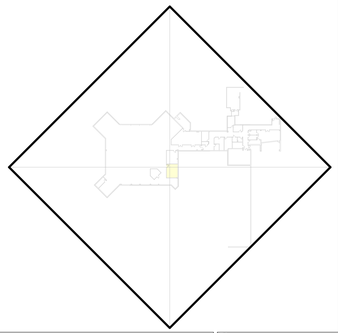


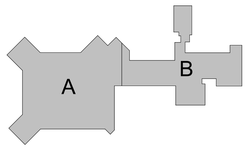
GENERAL NOTES:

BLDG	FLR	ROOM	PROPOSAL	ALT	RACK	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
71	1	1A168	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.	25'-4"	19'-6"		
71	1	1C122	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.	13'-0"	11'-4"		
71	2	2A127	REMAIN		2	Proposed. Irregular shaped room, dimensional clearances are close, undersized per requirements. Exception to retain as is. Due to open courtyard cable length is more challenged. Will require this room. Expansion not possible due to restrictive adjacent Clinical programming.	14'-4"	9'-9 1/2"	YES	
71	2	2C108	REMAIN		2	Proposed. Exception to retain as is. Irregular shaped room, dimensional clearances are close, undersized per requirements. Expansion not possible due to restrictive adjacent Clinical programming.	8'-0"	10'-9"	YES	
71	G	GA119	REMAIN		2	Proposed. Large space. Existing dimensions adequate. Sub-divide room to create TR.	18'-2"	22'-2"		

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED





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REGISTERED ARCHITECT PENNSYLVANIA
CHAD H. KLOW No. RA024194

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: OVERALL GROUND FLOOR PLAN

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

Issue Date: 06.27.2025

Checked

Drawn

Project Number: 646A4-22-700

Building Number: 71

Drawing Number: 71-AE100

SHEET 415 of 484

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BLDG	FLR	ROOM	PROPOSAL	ALT	RACK	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
71	1	1A168	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.	25'-4"	19'-6"		
71	1	1C122	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.	13'-0"	11'-4"		
71	2	2A127	REMAIN		2	Proposed. Irregular shaped room, dimensional clearances are close, undersized per requirements. Exception to retain as is. Due to open courtyard cable length is more challenged. Will require this room. Expansion not possible due to restrictive adjacent Clinical programming.	14'-4"	9'-9 1/2"	YES	
71	2	2C108	REMAIN		2	Proposed. Exception to retain as is. Irregular shaped room, dimensional clearances are close, undersized per requirements. Expansion not possible due to restrictive adjacent Clinical programming.	8'-0"	10'-9"	YES	
71	G	GA119	REMAIN		2	Proposed. Large space. Existing dimensions adequate. Sub-divide room to create TR.	18'-2"	22'-2"		

Revisions:	Date:

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REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA-024164

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: OVERALL FIRST FLOOR PLAN

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

Issue Date: 06.27.2025

Checked

Drawn

Project Number: 646A4-22-700

Building Number: 71

Drawing Number: 71-AE101

SHEET 416 of 484

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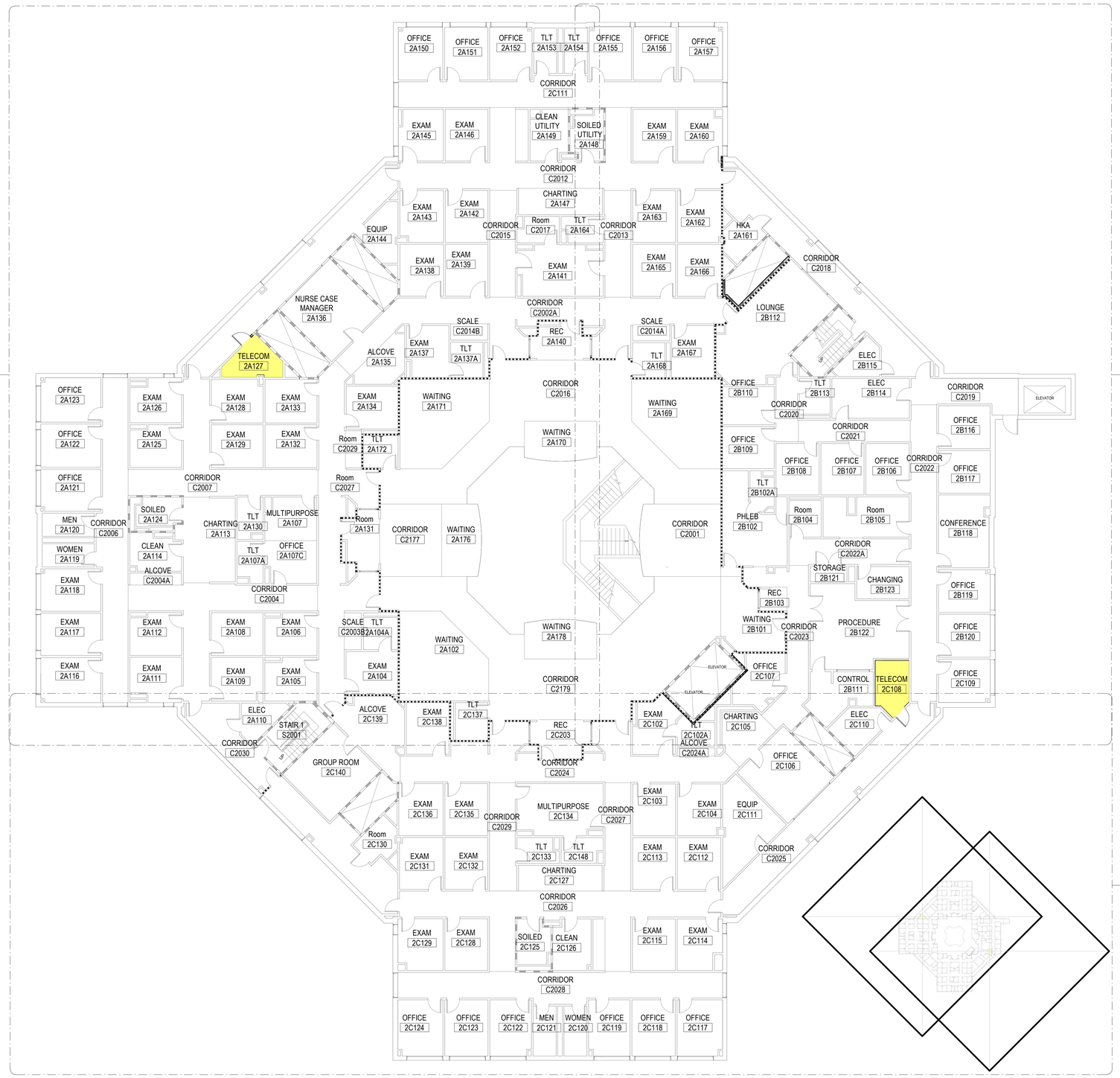
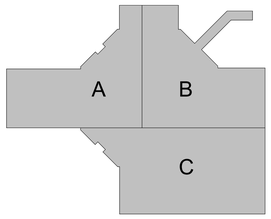


GENERAL NOTES:

BLDG	FLR	ROOM	PROPOSAL	ALT	RACK	BOD COMMENTS	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
71	1	1A168	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.	25'-4"	19'-6"		
71	1	1C122	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.	13'-0"	11'-4"		
71	2	2A127	REMAIN		2	Proposed. Irregular shaped room, dimensional clearances are close, undersized per requirements. Exception to retain as is. Due to open courtyard cable length is more challenged. Will require this room. Expansion not possible due to restrictive adjacent Clinical programming.	14'-4"	9'-9 1/2"	YES	
71	2	2C108	REMAIN		2	Proposed. Exception to retain as is. Irregular shaped room, dimensional clearances are close, undersized per requirements. Expansion not possible due to restrictive adjacent Clinical programming.	8'-0"	10'-9"	YES	
71	G	GA119	REMAIN		2	Proposed. Large space. Existing dimensions adequate. Sub-divide room to create TR.	18'-2"	22'-2"		

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED



PLAN NORTH

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REGISTERED ARCHITECT PENNSYLVANIA
REBA H. KLOW No. RA-024

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL SECOND FLOOR PLAN	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 71-AE102
			SHEET 417 of 484

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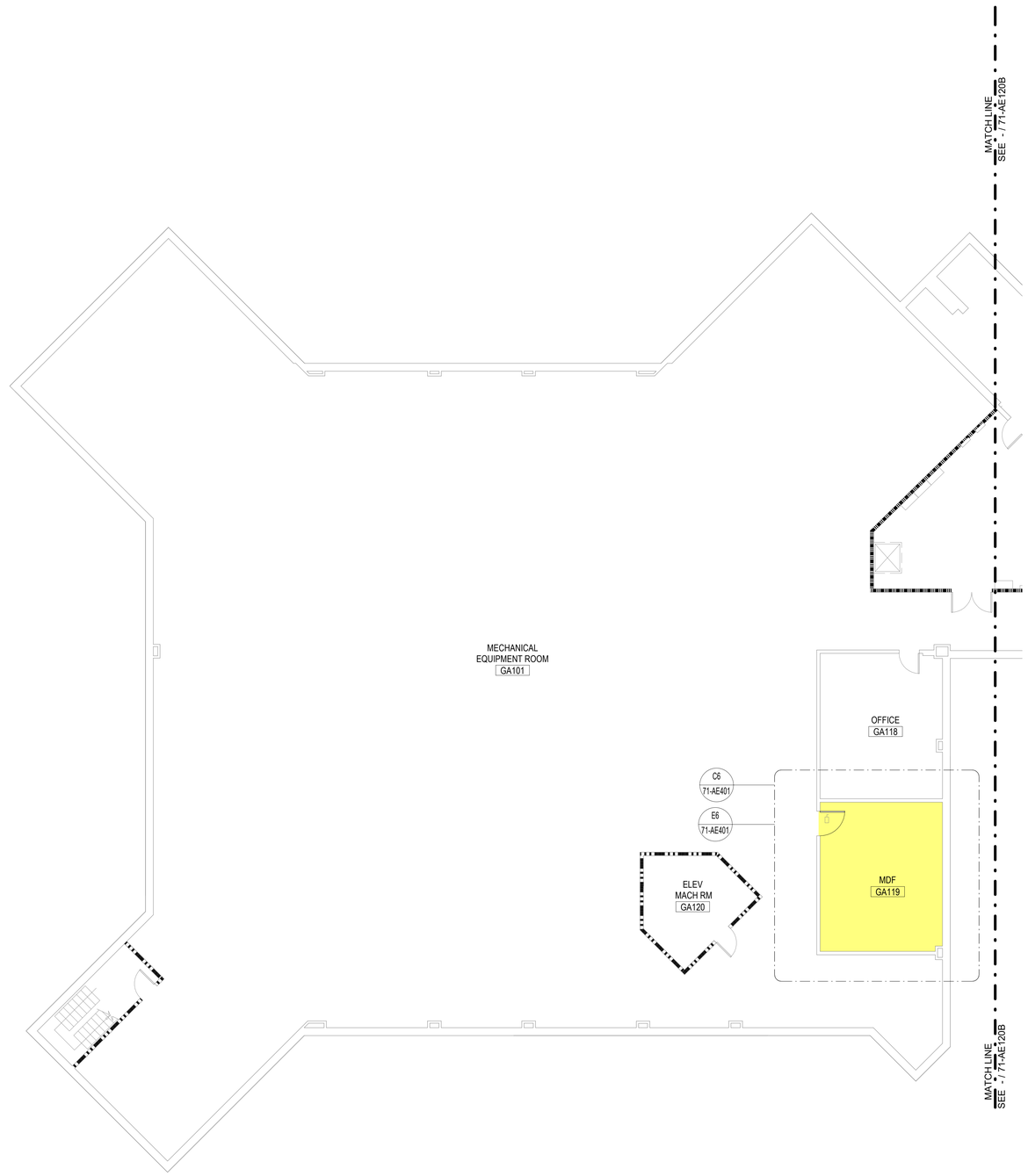


GENERAL NOTES:

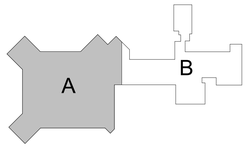
BLDG	FLR	ROOM	PROPOSAL	ALT	RACK	BOD COMMENTS	ADJUST	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
71	G	GA119	REMAIN		2	Proposed. Large space. Existing dimensions adequate. Sub-divide room to create TR.		18'-2"	22'-2"		

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20
SCALE FEET

Revisions:	Date:

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Alexandria, VA 22314

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REGISTERED ARCHITECT PENNSYLVANIA STEVE H. KLOW No. RA-047541

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
GROUND FLOOR PLAN - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 71-AE120A
			SHEET 418 of 484

VA FORM 08 - 6231

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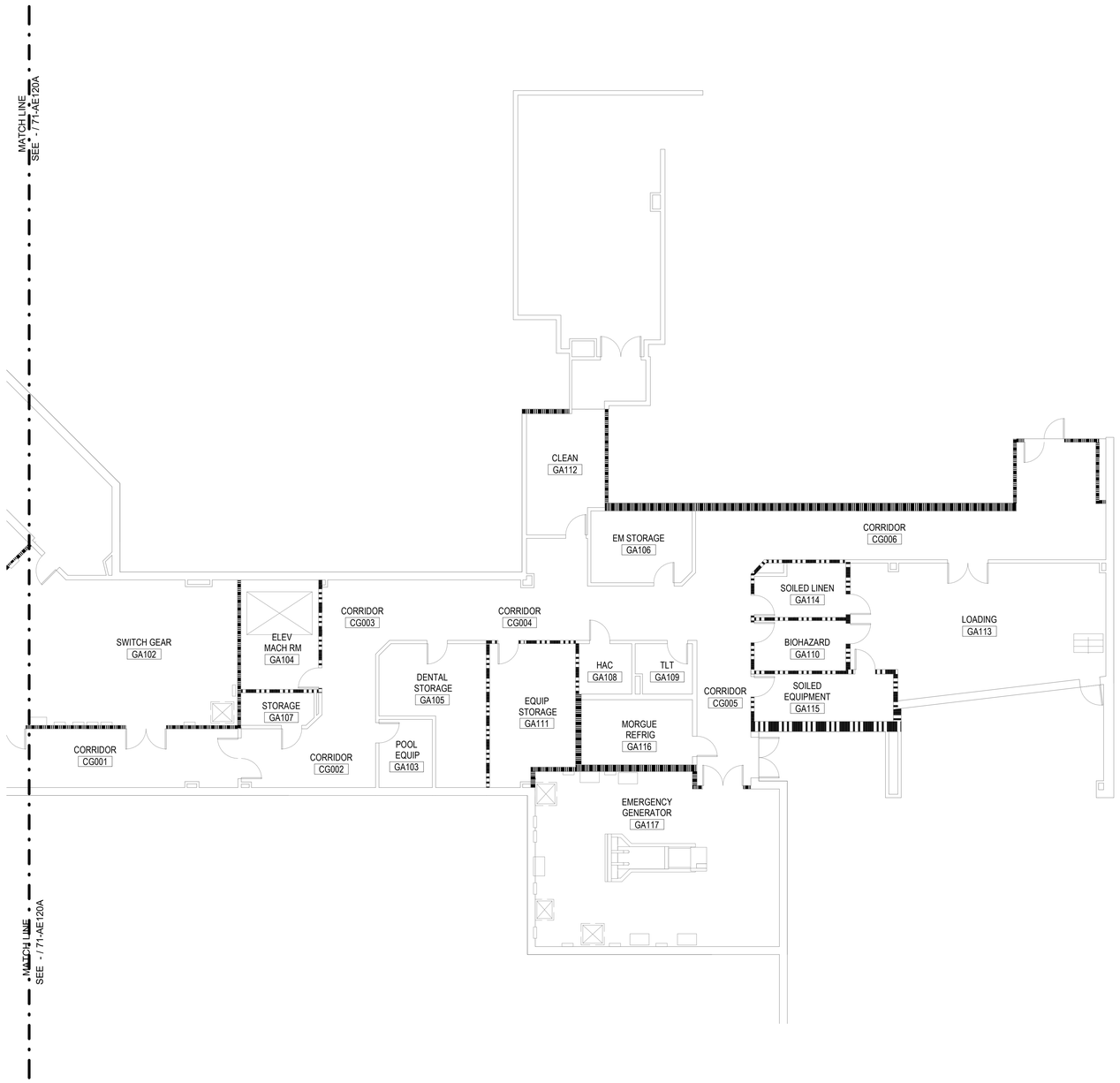


GENERAL NOTES:

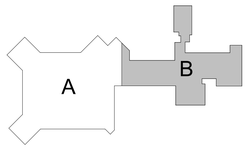
BLDG	FLR	ROOM	PROPOSAL	ALT	RACK	BOD COMMENTS	ADJUST	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
71	G	GA119	REMAIN		2	Proposed. Large space. Existing dimensions adequate. Sub-divide room to create TR.		18'-2"	22'-2"		

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

Revisions:	Date:

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REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA027174

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GROUND FLOOR FLOOR - AREA B

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

Issue Date: 06.27.2025

Checked

Drawn

Project Number: 646A4-22-700

Building Number: 71

Drawing Number: 71-AE120B

SHEET 419 of 484

VA FORM 08 - 6231

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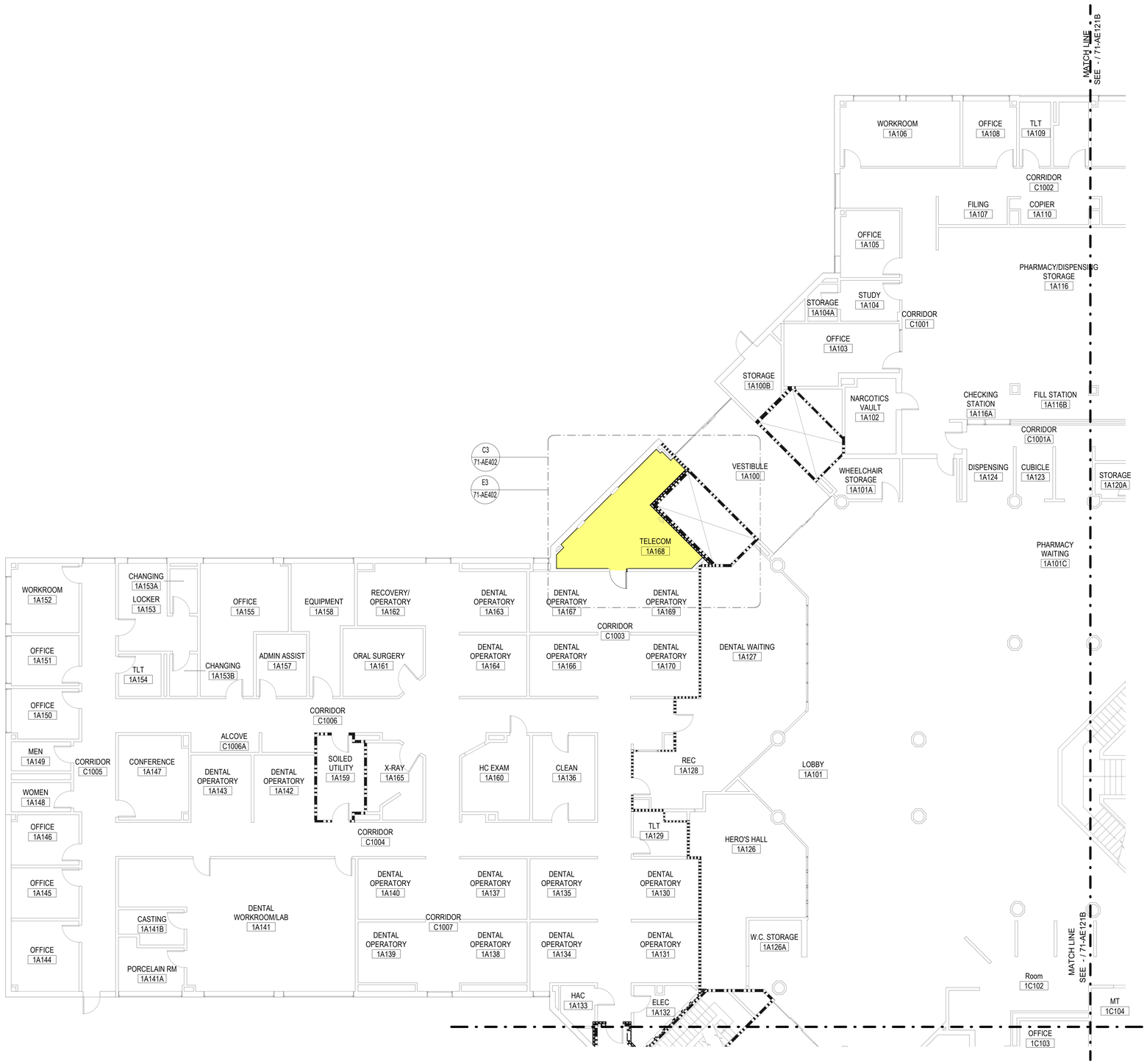


GENERAL NOTES:

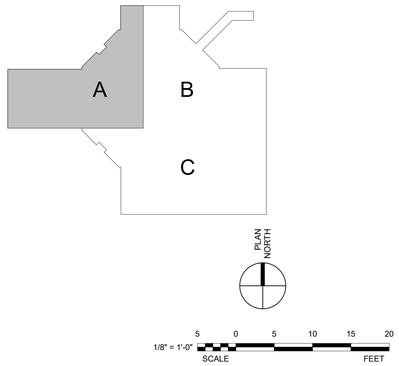
BLDG	FLR	ROOM	PROPOSAL	ALT	RADX	BOD COMMENTS	ADJUST	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
71	1	1A168	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.		25'-4"	19'-6"		
71	1	1C122	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.		13'-0"	11'-4"		

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



Revisions:	Date:

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REGISTERED ARCHITECT PENNSYLVANIA STEVE H. KLOW No. RA-014564

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - AREA A	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-AE121A
		Issue Date: 06.27.2025 / Checked / Drawn	SHEET 420 of 484

VA FORM 08 - 6231

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GENERAL NOTES:

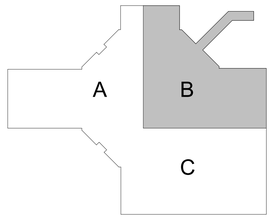
BLDG	FLR	ROOM	PROPOSAL	ALT	RADX	BOD COMMENTS	ADJUST	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
71	1	1A168	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.		25'-4"	19'-6"		
71	1	1C122	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.		13'-0"	11'-4"		

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

Revisions:	Date:

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REGISTERED ARCHITECT PENNSYLVANIA
CRAIG H. KLOW No. RA024941

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - AREA B

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

Issue Date: 06.27.2025

Checked

Drawn

Project Number: 646A4-22-700

Building Number: 71

Drawing Number: 71-AE121B

SHEET 421 of 484

VA FORM 08 - 6231

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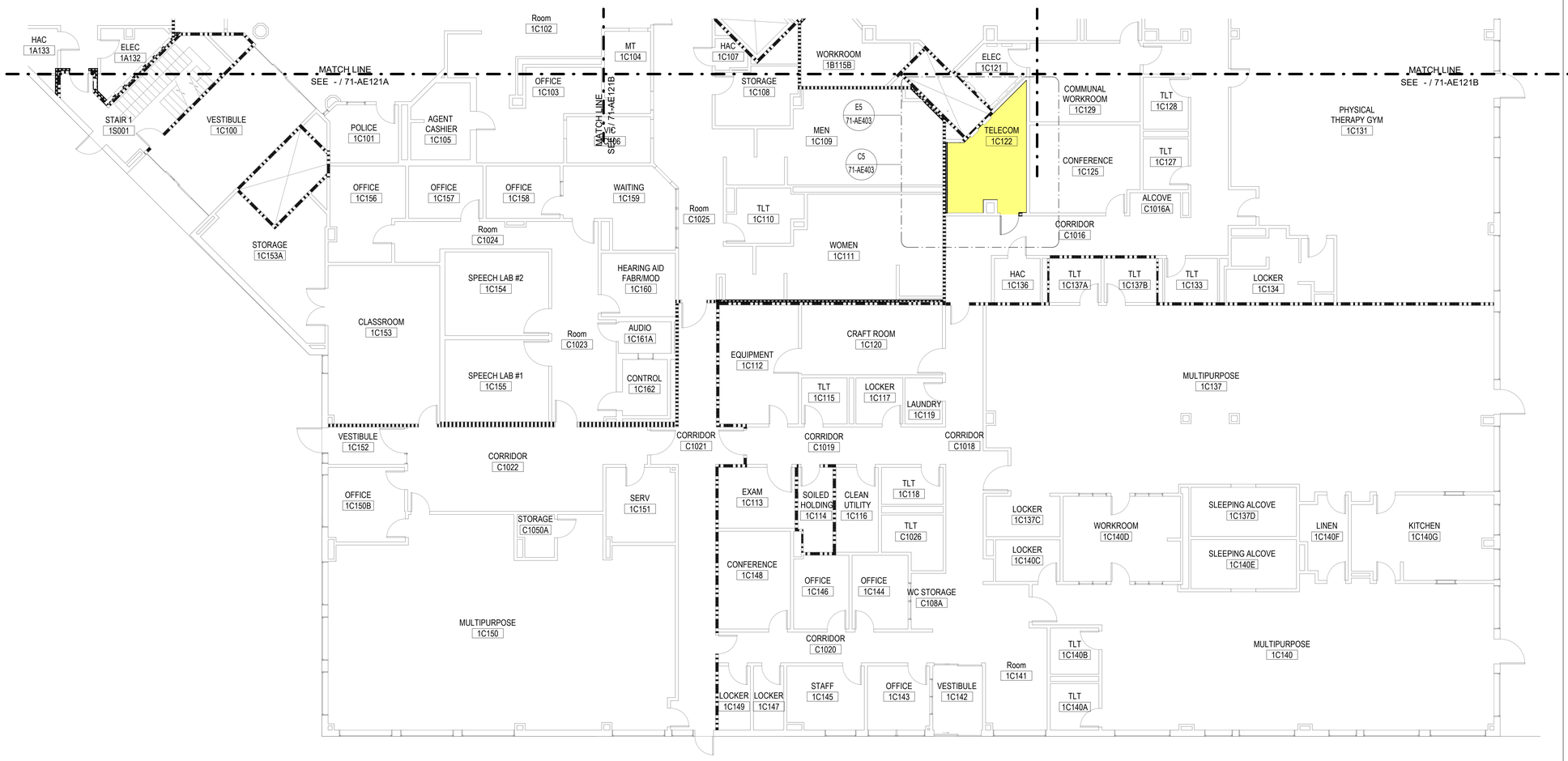


GENERAL NOTES:

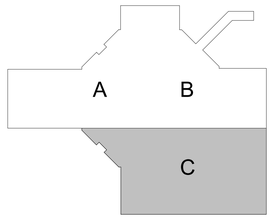
BLDG	FLR	ROOM	PROPOSAL	ALT	RADX	BOD COMMENTS	ADJUST	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
71	1	1A168	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.		25'-4"	19'-6"		
71	1	1C122	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.		13'-0"	11'-4"		

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

Revisions:	Date:

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REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA-024141

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR PLAN - AREA C	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 71-AE121C
			SHEET 422 of 484

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VA FORM 08 - 6231

GENERAL NOTES:

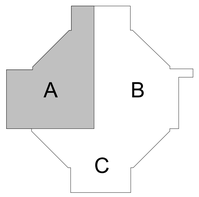
BLDG	FLR	ROOM	PROPOSAL	ALT	RACK	BOD COMMENTS	ADJUST	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
71	2	2A127	REMAIN		2	Proposed. Irregular shaped room, dimensional clearances are close, undersized per requirements. Exception to retain as is. Due to open courtyard cable length is more challenged. Will require this room. Expansion not possible due to restrictive adjacent Clinical programming.		14'-4"	9'-9 1/2"	YES	
71	2	2C108	REMAIN		2	Proposed. Exception to retain as is. Irregular shaped room, dimensional clearances are close, undersized per requirements. Expansion not possible due to restrictive adjacent Clinical programming.		8'-0"	10'-9"	YES	

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



PLAN NORTH

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Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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REGISTERED ARCHITECT PENNSYLVANIA CARL H. KLOW No. RA-029141

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR PLAN - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 71-AE122A
			SHEET 423 of 484

VA FORM 08 - 6231

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GENERAL NOTES:

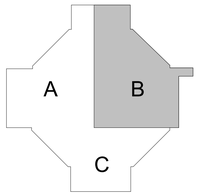
BLDG	FLR	ROOM	PROPOSAL	ALT	RADX	BOD COMMENTS	ADJUST	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
71	1	1A168	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.		25'-4"	19'-6"		
71	1	1C122	REMAIN		2	Proposed. Retain as is. Existing dimensions adequate.		13'-0"	11'-4"		

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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Alexandria, VA 22314

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REGISTERED ARCHITECT PENNSYLVANIA
REBA H. KLOW No. RA-026241

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR PLAN - AREA B	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 71-AE122B
			SHEET 424 of 484

VA FORM 08 - 6231

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GENERAL NOTES:

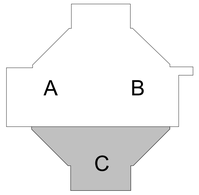
BLDG	FLR	ROOM	PROPOSAL	ALT	RACK	BOD COMMENTS	ADJUST	WIDTH	DEPTH	EHRM EXCEPTION	ISTS VARIANCE
71	2	2A127	REMAIN		2	Proposed. Irregular shaped room, dimensional clearances are close, undersized per requirements. Exception to retain as is. Due to open courtyard cable length is more challenged. Will require this room. Expansion not possible due to restrictive adjacent Clinical programming.		14'-4"	9'-9 1/2"	YES	
71	2	2C108	REMAIN		2	Proposed. Exception to retain as is. Irregular shaped room, dimensional clearances are close, undersized per requirements. Expansion not possible due to restrictive adjacent Clinical programming.		8'-0"	10'-9"	YES	

EHRM LEGEND

- ASSIGNED
- ABANDON
- TR FROM BELOW OR ABOVE
- DIAMOND PROPOSED

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER



PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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REGISTERED ARCHITECT PENNSYLVANIA
GENE H. KLOW No. RA-024

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR PLAN - AREA C	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 71-AE122C
		Issue Date: 06.27.2025 / Checked: / Drawn:	SHEET 425 of 484

VA FORM 08 - 6231

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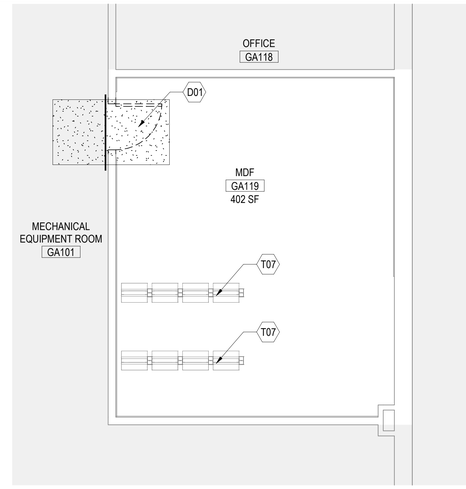
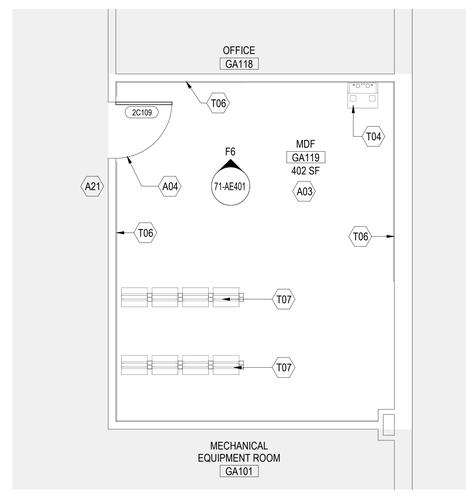
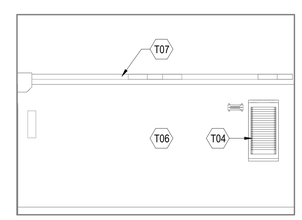


C6 TR GA119 DEMO PLAN
1/4" = 1'-0" REF FROM: - / 71-AE120A



E6 TR GA119 FLOOR PLAN
1/4" = 1'-0" REF FROM: - / 71-AE120A



F6 TR GA119 INTERIOR ELEVATIONS
1/4" = 1'-0" REF FROM: E6 / 71-AE401

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
2. ALL INTERIOR PARTITIONS ARE TYPE B3, UNLESS OTHERWISE NOTED. SEE PARTITION TYPES ON SHEET 00-AE520.
3. REFER TO FINISH SCHEDULE FOR MATERIALS SUCH AS TILE AND PANELING APPLIED TO WALLS.
4. CLEAR (CLR) DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, INCLUDING APPLIED FINISHES SUCH AS TILE.
5. DIMENSIONS SHOWN FROM EXISTING WALLS ARE FROM FACE OF FINISH.
6. DIMENSIONS FOR NEW PARTITIONS ARE FROM CENTER LINE OF FRAMING, UNLESS OTHERWISE NOTED.
7. OFFSET STUDS TO ACCOMMODATE MULTIPLE LAYERS OF GYPSUM BOARD, SEE WALL TYPES.
8. SOME SHEET KEYNOTES LISTED BELOW MAY NOT APPLY TO THIS SHEET.
9. DIMENSIONS PRECEDED BY A TILDE (~) ARE APPROXIMATE, SUBJECT TO FIELD VERIFICATION.
10. ASBESTOS MAY BE PRESENT. REFERENCE ASBESTOS REPORTS FOR LOCATION AND MATERIAL DETAIL. REFERENCE SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
11. PATCHES OF EXISTING CORRIDOR OR PUBLIC FACE OF WALLS SHALL BE PAINTED WALL TO WALL TO MATCH EXISTING. TYPICAL.

SHEET NOTES:

A03	EXISTING FLOOR TO REMAIN.
A04	NEW DOOR. DOOR TO REMAIN IN THE SAME LOCATION AS THE EXISTING DOOR.
A21	SIGNAGE LOCATION TO BE CONFIRMED WITH VA STATION. FINAL SIGNAGE PROVIDED AND INSTALLED BY VA.
D01	PROVIDE WALK OFF MATS AND PLASTIC SHEETING (VISQUEEN) AT CONSTRUCTION AREAS. STARC WALL SYSTEM PANELS OR SIMILAR TEMP PANELS USED WHEN CONSTRUCTION EXCEEDS 48 HRS TYPICAL.
T04	WALL MOUNTED TELECOMMUNICATIONS CABINET, REFER TO TELECOMMUNICATION DRAWINGS
T06	EXISTING PLYWOOD TO REMAIN.
T07	REFER TO TELECOMMUNICATION DRAWINGS FOR NEW OR EXISTING EQUIPMENT

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LEGEND

- OUT OF SCOPE AREAS, COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THIS AREA
- REMOVE CEILING AND ASSOCIATED SUPPORT AND SEISMIC BRACING, FIXTURES, AND ACCESSORIES, TYPICAL WITHIN DEMOLITION BOUNDARY. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED
- REMOVE GYPSUM BOARD CEILING AND ASSOCIATED SUPPORT/SUSPENSION SYSTEM, FIXTURES, AND ACCESSORIES
- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS

PLAN NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10
SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

A/E:
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REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA-027171

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - GROUND FLOOR - TR GA119

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215

Issue Date: 06.27.2025

Checked

Drawn

Project Number: 646A4-22-700

Building Number: 71

Drawing Number: 71-AE401

SHEET 426 of 484

VA FORM 08 - 6231

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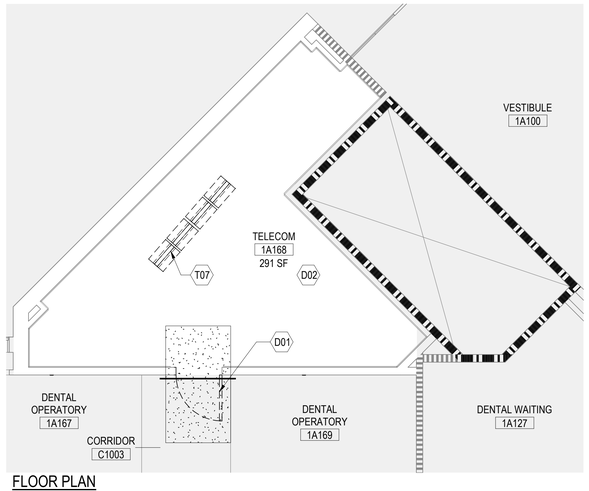
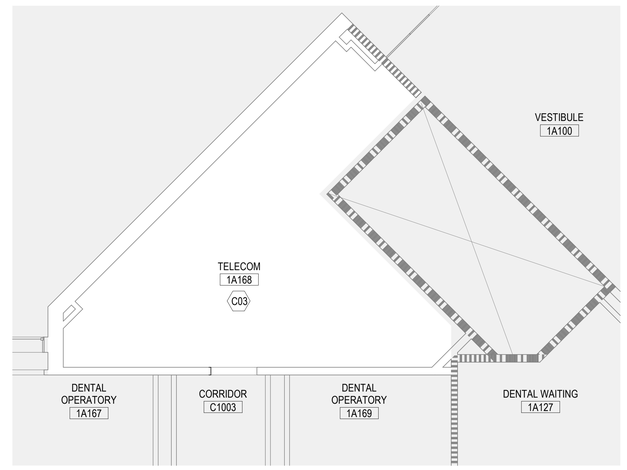


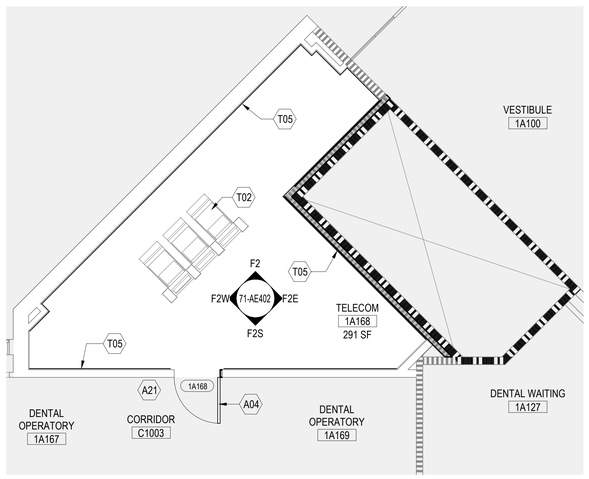
FLOOR PLAN



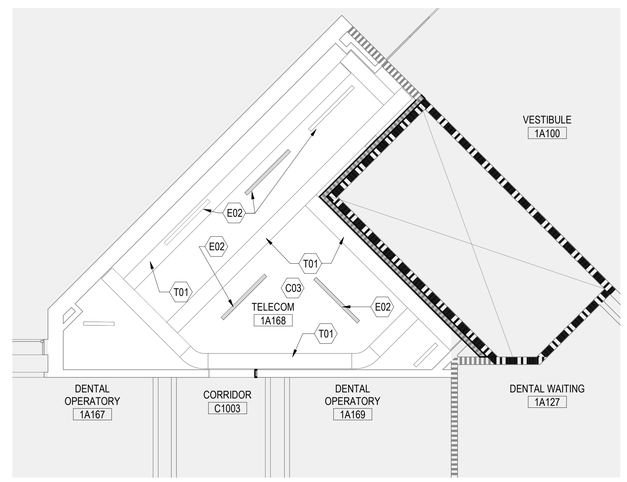
REFLECTED CEILING PLAN

C3 TR 1A168 DEMO PLAN AND RCP

1/4" = 1'-0" REF FROM: - / 71-AE121A



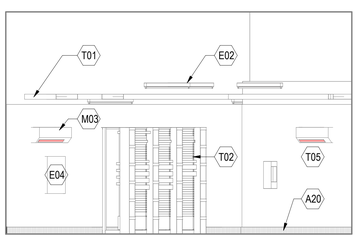
FLOOR PLAN



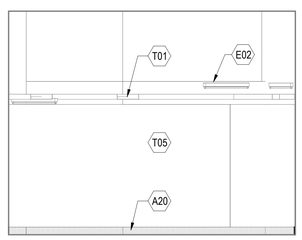
REFLECTED CEILING PLAN

E3 TR 1A168 FLOOR PLAN AND RCP

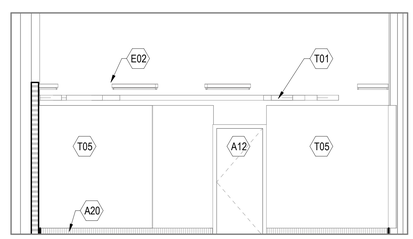
1/4" = 1'-0" REF FROM: - / 71-AE121A



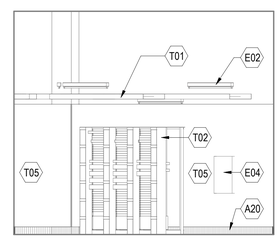
F2 - NORTH ELEVATION



F2E - EAST ELEVATION



F2S - SOUTH ELEVATION



F2W - WEST ELEVATION

F2 TR 1A168 INTERIOR ELEVATIONS

1/4" = 1'-0" REF FROM: E3 / 71-AE402

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
2. ALL INTERIOR PARTITIONS ARE TYPE B3, UNLESS OTHERWISE NOTED. SEE PARTITION TYPES ON SHEET 00-AE520.
3. REFER TO FINISH SCHEDULE FOR MATERIALS SUCH AS TILE AND PANELING APPLIED TO WALLS.
4. CLEAR (CLR) DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, INCLUDING APPLIED FINISHES SUCH AS TILE.
5. DIMENSIONS SHOWN FROM EXISTING WALLS ARE FROM FACE OF FINISH.
6. DIMENSIONS FOR NEW PARTITIONS ARE FROM CENTER LINE OF FRAMING, UNLESS OTHERWISE NOTED.
7. OFFSET STUDS TO ACCOMMODATE MULTIPLE LAYERS OF GYPSUM BOARD, SEE WALL TYPES.
8. SOME SHEET KEYNOTES LISTED BELOW MAY NOT APPLY TO THIS SHEET.
9. DIMENSIONS PRECEDED BY A TILDE (~) ARE APPROXIMATE, SUBJECT TO FIELD VERIFICATION.
10. ASBESTOS MAY BE PRESENT. REFERENCE ASBESTOS REPORTS FOR LOCATION AND MATERIAL DETAIL. REFERENCE SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
11. PATCHES OF EXISTING CORRIDOR OR PUBLIC FACE OF WALLS SHALL BE PAINTED WALL TO WALL TO MATCH EXISTING. TYPICAL.

SHEET NOTES:

A04	NEW DOOR. DOOR TO REMAIN IN THE SAME LOCATION AS THE EXISTING DOOR.
A12	DOOR AS SCHEDULED, REFER TO DOOR SCHEDULE SHEET.
A20	BASE TRIM AS SCHEDULED, REFER TO FINISH SCHEDULE.
A21	SIGNAGE LOCATION TO BE CONFIRMED WITH VA STATION. FINAL SIGNAGE PROVIDED AND INSTALLED BY VA.
C03	OPEN TO STRUCTURE.
D01	PROVIDE WALK OFF MATS AND PLASTIC SHEETING (VISQUEEN) AT CONSTRUCTION AREAS. STARC WALL SYSTEM PANELS OR SIMILAR TEMP PANELS USED WHEN CONSTRUCTION EXCEEDS 48 HRS TYPICAL.
D02	REMOVE FINISH FLOOR MATERIAL. PREP FLOOR TO RECEIVE SCHEDULED FLOOR FINISH. FOR EXISTING CONCRETE FLOORS, PREP FLOOR PER MANUFACTURER'S INSTRUCTIONS.
E02	INTERIOR LIGHTING, SEE ELECTRICAL DRAWINGS
E04	PANELBOARD, SEE ELECTRICAL DRAWINGS
M03	WALL MOUNTED SPLIT SYSTEM AIR CONDITIONING UNIT, SEE MECHANICAL DRAWINGS
T01	HORIZONTAL CABLE TRAY, SEE TELECOMMUNICATIONS DRAWINGS
T02	COMMUNICATIONS RACK SYSTEM, SEE TELECOMMUNICATION DRAWINGS
T05	TELEPHONE/DATA TERMINAL BACKBOARDS, TYPICAL ALL WALLS, U.O.N. SEE TELECOMMUNICATION DRAWINGS
T07	REFER TO TELECOMMUNICATION DRAWINGS FOR NEW OR EXISTING EQUIPMENT

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LEGEND

- OUT OF SCOPE AREAS, COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THIS AREA
- REMOVE CEILING AND ASSOCIATED SUPPORT AND SEISMIC BRACING, FIXTURES, AND ACCESSORIES. TYPICAL WITHIN DEMOLITION BOUNDARY. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED
- REMOVE GYPSUM BOARD CEILING AND ASSOCIATED SUPPORT/SUSPENSION SYSTEM, FIXTURES, AND ACCESSORIES
- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS

PLAN NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10 SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

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Alexandria, VA 22314

STAMP

REGISTERED ARCHITECT PENNSYLVANIA STEVE H. KLOW No. RA-019434

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - FIRST FLOOR - TR 1A168	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-AE402
		Issue Date: 06.27.2025 / Checked / Drawn	SHEET 427 of 484

VA FORM 08 - 6231

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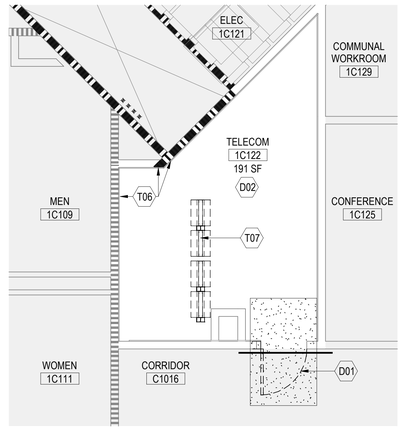
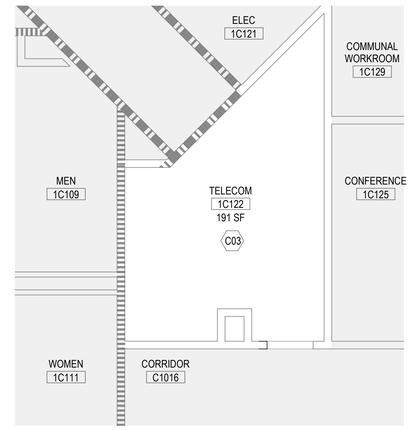


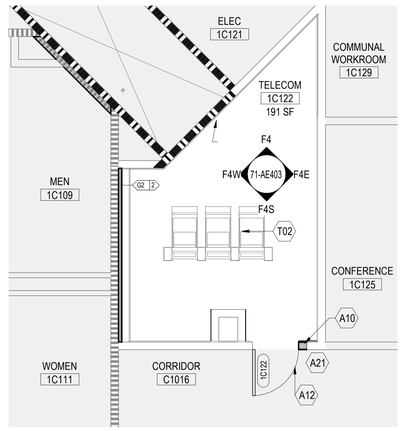
FLOOR PLAN



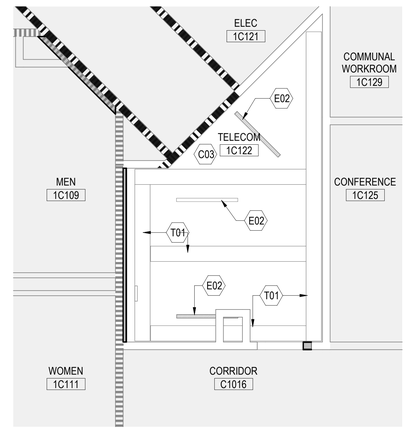
REFLECTED CEILING PLAN

C5 TR1C122 DEMO PLAN AND RCP

1/4" = 1'-0" REF FROM: - / 71-AE121C



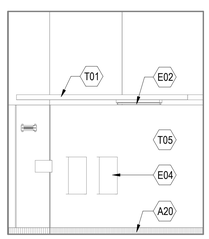
FLOOR PLAN



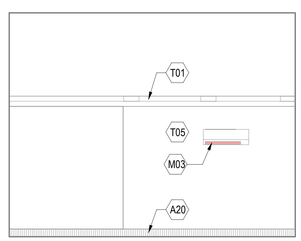
REFLECTED CEILING PLAN

E5 TR 1C122 FLOOR PLAN AND RCP

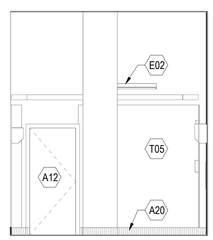
1/4" = 1'-0" REF FROM: - / 71-AE121C



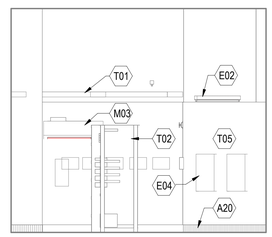
F4 - NORTH ELEVATION



F4E - EAST ELEVATION



F4S - SOUTH ELEVATION



F4W - WEST ELEVATION

F4 TR 1C122 INTERIOR ELEVATIONS

1/4" = 1'-0" REF FROM: E5 / 71-AE403

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
2. ALL INTERIOR PARTITIONS ARE TYPE B3, UNLESS OTHERWISE NOTED. SEE PARTITION TYPES ON SHEET 00-AE520.
3. REFER TO FINISH SCHEDULE FOR MATERIALS SUCH AS TILE AND PANELING APPLIED TO WALLS.
4. CLEAR (CLR) DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, INCLUDING APPLIED FINISHES SUCH AS TILE.
5. DIMENSIONS SHOWN FROM EXISTING WALLS ARE FROM FACE OF FINISH.
6. DIMENSIONS FOR NEW PARTITIONS ARE FROM CENTER LINE OF FRAMING, UNLESS OTHERWISE NOTED.
7. OFFSET STUDS TO ACCOMMODATE MULTIPLE LAYERS OF GYPSUM BOARD, SEE WALL TYPES.
8. SOME SHEET KEYNOTES LISTED BELOW MAY NOT APPLY TO THIS SHEET.
9. DIMENSIONS PRECEDED BY A TILDE (~) ARE APPROXIMATE, SUBJECT TO FIELD VERIFICATION.
10. ASBESTOS MAY BE PRESENT. REFERENCE ASBESTOS REPORTS FOR LOCATION AND MATERIAL DETAIL. REFERENCE SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
11. PATCHES OF EXISTING CORRIDOR OR PUBLIC FACE OF WALLS SHALL BE PAINTED WALL TO WALL TO MATCH EXISTING. TYPICAL.

SHEET NOTES:

A10	OPENING INFILL, REFERENCE DETAIL B7/00-AE526, PAINT WALL TO WALL AT BOTH SIDES TO INCLUDE CORRIDOR.
A12	DOOR AS SCHEDULED, REFER TO DOOR SCHEDULE SHEET.
A20	BASE TRIM AS SCHEDULED, REFER TO FINISH SCHEDULE.
A21	SIGNAGE LOCATION TO BE CONFIRMED WITH VA STATION. FINAL SIGNAGE PROVIDED AND INSTALLED BY VA.
C03	OPEN TO STRUCTURE.
D01	PROVIDE WALK OFF MATS AND PLASTIC SHEETING (VISQUEEN) AT CONSTRUCTION AREAS. STARC WALL SYSTEM PANELS OR SIMILAR TEMP PANELS USED WHEN CONSTRUCTION EXCEEDS 48 HRS TYPICAL.
D02	REMOVE FINISH FLOOR MATERIAL. PREP FLOOR TO RECEIVE SCHEDULED FLOOR FINISH. FOR EXISTING CONCRETE FLOORS, PREP FLOOR PER MANUFACTURER'S INSTRUCTIONS.
E02	INTERIOR LIGHTING, SEE ELECTRICAL DRAWINGS
E04	PANELBOARD, SEE ELECTRICAL DRAWINGS
M03	WALL MOUNTED SPLIT SYSTEM AIR CONDITIONING UNIT, SEE MECHANICAL DRAWINGS
T01	HORIZONTAL CABLE TRAY, SEE TELECOMMUNICATIONS DRAWINGS
T02	COMMUNICATIONS RACK SYSTEM, SEE TELECOMMUNICATION DRAWINGS
T05	TELEPHONE/DATA TERMINAL BACKBOARDS, TYPICAL ALL WALLS, U.O.N. SEE TELECOMMUNICATION DRAWINGS
T06	EXISTING PLYWOOD TO REMAIN.
T07	REFER TO TELECOMMUNICATION DRAWINGS FOR NEW OR EXISTING EQUIPMENT

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LEGEND

- OUT OF SCOPE AREAS, COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THIS AREA
- REMOVE CEILING AND ASSOCIATED SUPPORT AND SEISMIC BRACING, FIXTURES, AND ACCESSORIES, TYPICAL WITHIN DEMOLITION BOUNDARY. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED
- REMOVE GYPSUM BOARD CEILING AND ASSOCIATED SUPPORT/SUSPENSION SYSTEM, FIXTURES, AND ACCESSORIES
- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS

PLAN NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10 SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

A/E:
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Alexandria, VA 22314

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REGISTERED ARCHITECT PENNSYLVANIA STEVE H. KLOW No. RA-025174

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - FIRST FLOOR - TR 1C122	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 71-AE403
			SHEET 428 of 484

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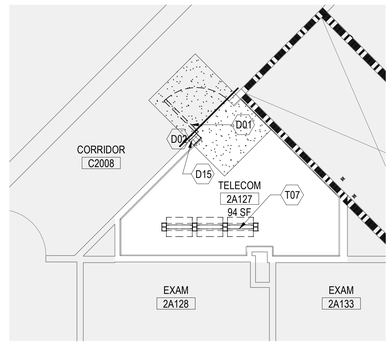
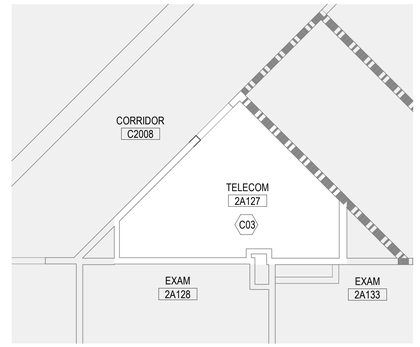


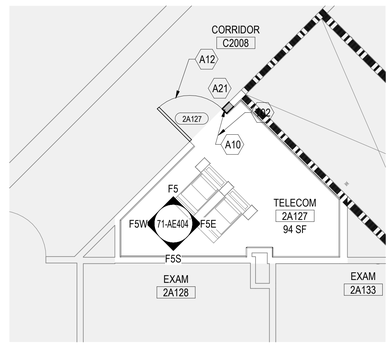
FLOOR PLAN



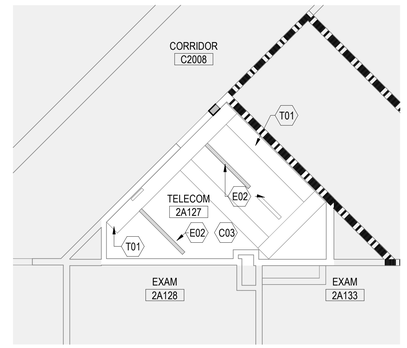
REFLECTED CEILING PLAN

B5 TR 2A127 DEMO PLAN AND RCP

1/4" = 1'-0" REF FROM: - / 71-AE122A



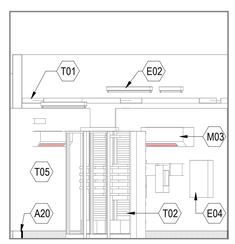
FLOOR PLAN



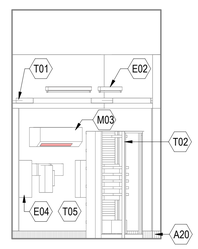
REFLECTED CEILING PLAN

D5 TR 2A127 FLOOR PLAN

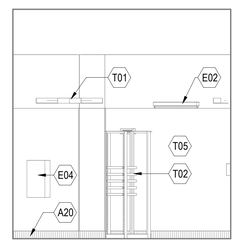
1/4" = 1'-0" REF FROM: - / 71-AE122A



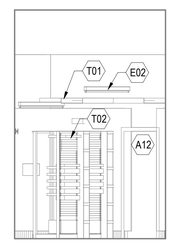
F5 - NORTH ELEVATION



F5E - EAST ELEVATION



F5S - SOUTH ELEVATION



F5W - WEST ELEVATION

F5 TR 2A127 INTERIOR ELEVATIONS

1/4" = 1'-0" REF FROM: D5 / 71-AE404

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
2. ALL INTERIOR PARTITIONS ARE TYPE B3, UNLESS OTHERWISE NOTED. SEE PARTITION TYPES ON SHEET 00-AE520.
3. REFER TO FINISH SCHEDULE FOR MATERIALS SUCH AS TILE AND PANELING APPLIED TO WALLS.
4. CLEAR (CLR) DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, INCLUDING APPLIED FINISHES SUCH AS TILE.
5. DIMENSIONS SHOWN FROM EXISTING WALLS ARE FROM FACE OF FINISH.
6. DIMENSIONS FOR NEW PARTITIONS ARE FROM CENTER LINE OF FRAMING, UNLESS OTHERWISE NOTED.
7. OFFSET STUDS TO ACCOMMODATE MULTIPLE LAYERS OF GYPSUM BOARD, SEE WALL TYPES.
8. SOME SHEET KEYNOTES LISTED BELOW MAY NOT APPLY TO THIS SHEET.
9. DIMENSIONS PRECEDED BY A TILDE (~) ARE APPROXIMATE, SUBJECT TO FIELD VERIFICATION.
10. ASBESTOS MAY BE PRESENT. REFERENCE ASBESTOS REPORTS FOR LOCATION AND MATERIAL DETAIL. REFERENCE SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
11. PATCHES OF EXISTING CORRIDOR OR PUBLIC FACE OF WALLS SHALL BE PAINTED WALL TO WALL TO MATCH EXISTING. TYPICAL.

SHEET NOTES:

A10	OPENING INFILL, REFERENCE DETAIL B7/00-AE526, PAINT WALL TO WALL AT BOTH SIDES TO INCLUDE CORRIDOR.
A12	DOOR AS SCHEDULED, REFER TO DOOR SCHEDULE SHEET.
A20	BASE TRIM AS SCHEDULED, REFER TO FINISH SCHEDULE.
A21	SIGNAGE LOCATION TO BE CONFIRMED WITH VA STATION. FINAL SIGNAGE PROVIDED AND INSTALLED BY VA.
C03	OPEN TO STRUCTURE.
D01	PROVIDE WALK OFF MATS AND PLASTIC SHEETING (VISQUEEN) AT CONSTRUCTION AREAS. STARC WALL SYSTEM PANELS OR SIMILAR TEMP PANELS USED WHEN CONSTRUCTION EXCEEDS 48 HRS TYPICAL.
D02	REMOVE FINISH FLOOR MATERIAL. PREP FLOOR TO RECEIVE SCHEDULED FLOOR FINISH. FOR EXISTING CONCRETE FLOORS, PREP FLOOR PER MANUFACTURER'S INSTRUCTIONS.
D15	REMOVE PORTION OF EXISTING WALL TO FACILITATE INSTALLATION OF NEW DOOR.
E02	INTERIOR LIGHTING, SEE ELECTRICAL DRAWINGS
E04	PANELBOARD, SEE ELECTRICAL DRAWINGS
M03	WALL MOUNTED SPLIT SYSTEM AIR CONDITIONING UNIT, SEE MECHANICAL DRAWINGS
T01	HORIZONTAL CABLE TRAY, SEE TELECOMMUNICATIONS DRAWINGS
T02	COMMUNICATIONS RACK SYSTEM, SEE TELECOMMUNICATION DRAWINGS
T05	TELEPHONE/DATA TERMINAL BACKBOARDS, TYPICAL ALL WALLS, U.O.N. SEE TELECOMMUNICATION DRAWINGS
T07	REFER TO TELECOMMUNICATION DRAWINGS FOR NEW OR EXISTING EQUIPMENT

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LEGEND

- OUT OF SCOPE AREAS, COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THIS AREA
- REMOVE CEILING AND ASSOCIATED SUPPORT AND SEISMIC BRACING, FIXTURES, AND ACCESSORIES, TYPICAL WITHIN DEMOLITION BOUNDARY. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED
- REMOVE GYPSUM BOARD CEILING AND ASSOCIATED SUPPORT/SUSPENSION SYSTEM, FIXTURES, AND ACCESSORIES
- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS

PLAN NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10
SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

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REGISTERED ARCHITECT PENNSYLVANIA RENE H. KLOW No. RA401141

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	ENLARGED PLANS - SECOND FLOOR - TR 2A127
Approved:	
Phase	FINAL BID DOCUMENTS
	FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS
Project Number	646A4-22-700
Building Number	71
Location	1010 DELAFIELD RD, PITTSBURGH, PA 15215
Issue Date	06.27.2025
Checked	
Drawn	
Drawing Number	71-AE404
	SHEET 429 of 484

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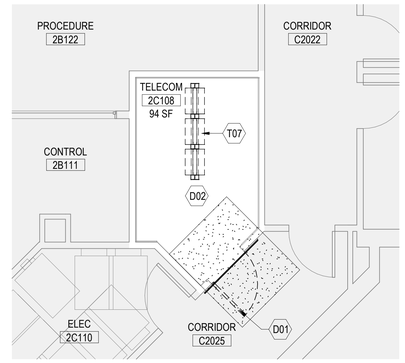
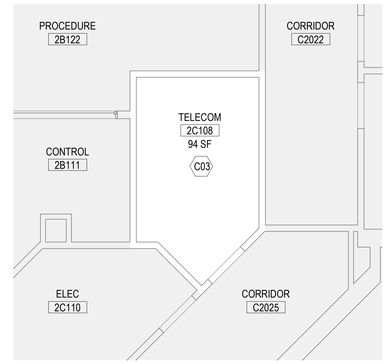


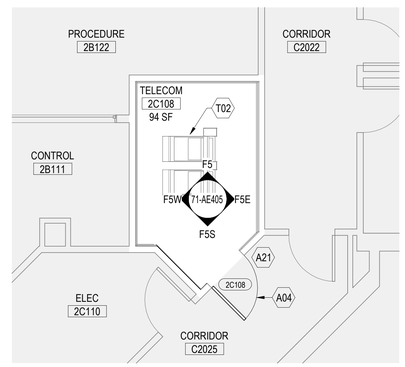
FLOOR PLAN



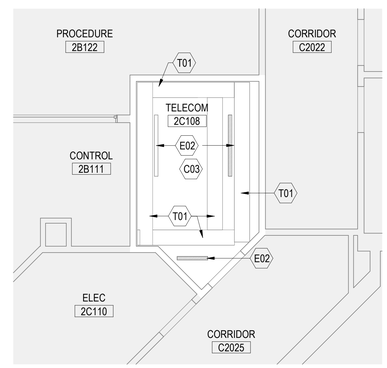
REFLECTED CEILING PLAN

C5 TR 2C108 DEMO FLOOR PLAN

1/4" = 1'-0" REF FROM: - / 71-AE122B



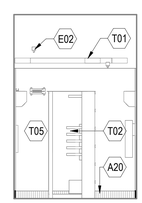
FLOOR PLAN



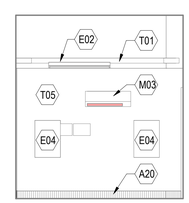
REFLECTED CEILING PLAN

E5 TR 2C108 FLOOR PLAN AND RCP

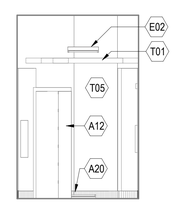
1/4" = 1'-0" REF FROM: - / 71-AE122B



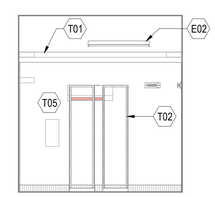
F3 - NORTH ELEVATION



F5E - EAST ELEVATION



F5S - SOUTH ELEVATION



F5W - WEST ELEVATION

F5 TR 2C108 INTERIOR ELEVATIONS

1/4" = 1'-0" REF FROM: E5 / 71-AE405

GENERAL NOTES:

1. COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THIS DRAWING.
2. ALL INTERIOR PARTITIONS ARE TYPE B3, UNLESS OTHERWISE NOTED. SEE PARTITION TYPES ON SHEET 00-AE520.
3. REFER TO FINISH SCHEDULE FOR MATERIALS SUCH AS TILE AND PANELING APPLIED TO WALLS.
4. CLEAR (CLR) DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH, INCLUDING APPLIED FINISHES SUCH AS TILE.
5. DIMENSIONS SHOWN FROM EXISTING WALLS ARE FROM FACE OF FINISH.
6. DIMENSIONS FOR NEW PARTITIONS ARE FROM CENTER LINE OF FRAMING, UNLESS OTHERWISE NOTED.
7. OFFSET STUDS TO ACCOMMODATE MULTIPLE LAYERS OF GYPSUM BOARD, SEE WALL TYPES.
8. SOME SHEET KEYNOTES LISTED BELOW MAY NOT APPLY TO THIS SHEET.
9. DIMENSIONS PRECEDED BY A TILDE (~) ARE APPROXIMATE, SUBJECT TO FIELD VERIFICATION.
10. ASBESTOS MAY BE PRESENT. REFERENCE ASBESTOS REPORTS FOR LOCATION AND MATERIAL DETAIL. REFERENCE SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
11. PATCHES OF EXISTING CORRIDOR OR PUBLIC FACE OF WALLS SHALL BE PAINTED WALL TO WALL TO MATCH EXISTING. TYPICAL.

SHEET NOTES:

A04	NEW DOOR. DOOR TO REMAIN IN THE SAME LOCATION AS THE EXISTING DOOR.
A12	DOOR AS SCHEDULED, REFER TO DOOR SCHEDULE SHEET.
A20	BASE TRIM AS SCHEDULED, REFER TO FINISH SCHEDULE.
A21	SIGNAGE LOCATION TO BE CONFIRMED WITH VA STATION. FINAL SIGNAGE PROVIDED AND INSTALLED BY VA.
C03	OPEN TO STRUCTURE.
D01	PROVIDE WALK OFF MATS AND PLASTIC SHEETING (VISQUEEN) AT CONSTRUCTION AREAS. STARC WALL SYSTEM PANELS OR SIMILAR TEMP PANELS USED WHEN CONSTRUCTION EXCEEDS 48 HRS TYPICAL.
D02	REMOVE FINISH FLOOR MATERIAL. PREP FLOOR TO RECEIVE SCHEDULED FLOOR FINISH. FOR EXISTING CONCRETE FLOORS, PREP FLOOR PER MANUFACTURER'S INSTRUCTIONS.
E02	INTERIOR LIGHTING, SEE ELECTRICAL DRAWINGS
E04	PANELBOARD, SEE ELECTRICAL DRAWINGS
M03	WALL MOUNTED SPLIT SYSTEM AIR CONDITIONING UNIT, SEE MECHANICAL DRAWINGS
T01	HORIZONTAL CABLE TRAY, SEE TELECOMMUNICATIONS DRAWINGS
T02	COMMUNICATIONS RACK SYSTEM, SEE TELECOMMUNICATION DRAWINGS
T05	TELEPHONE/DATA TERMINAL BACKBOARDS, TYPICAL ALL WALLS, U.O.N. SEE TELECOMMUNICATION DRAWINGS
T07	REFER TO TELECOMMUNICATION DRAWINGS FOR NEW OR EXISTING EQUIPMENT

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

LEGEND

- OUT OF SCOPE AREAS, COORDINATE WITH FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TELECOMMUNICATIONS, AND SECURITY PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THIS AREA
- REMOVE CEILING AND ASSOCIATED SUPPORT AND SEISMIC BRACING, FIXTURES, AND ACCESSORIES, TYPICAL WITHIN DEMOLITION BOUNDARY. PROTECT ADJACENT SURFACES AND EQUIPMENT. PREP ADJACENT SURFACES FOR CONSTRUCTION INDICATED
- REMOVE GYPSUM BOARD CEILING AND ASSOCIATED SUPPORT/SUSPENSION SYSTEM, FIXTURES, AND ACCESSORIES
- TEMPORARY CONSTRUCTION BARRIER
- PLASTIC SHEETING (VISQUEEN)
- WALK-OFF MATS

PLAN NORTH

1/4" = 1'-0" 2 0 2 4 6 8 10 SCALE FEET

Revisions:	Date:

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REGISTERED ARCHITECT PENNSYLVANIA STEVE H. KLOW No. RA-014564

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - SECOND FLOOR - TR 2C108	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Drawing Number: 71-AE405
		Issue Date: 06.27.2025 / Checked / Drawn	SHEET 430 of 484

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DOOR SCHEDULE - BLDG 71

FLOOR	MARK	FROM	TO	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR FINISH	FRAME TYPE	FRAME FINISH	FIRE RATING	HW NO	DETAILS HEAD	DETAILS JAMB	DETAILS THRESHOLD	COMMENT
GROUND FLOOR															
GROUND FLOOR	2C109	MECHANICAL EQUIPMENT ROOM (GA101)	MDF (GA119)	F	3' - 8"	7' - 0"	HMD	1	HM		HW-SH-3D	B5/00-AE523	D7/00-AE523	F5/00-AE523	
GROUND FLOOR	GA119	MECHANICAL EQUIPMENT ROOM (GA101)	MDF (GA119)	F	3' - 0"	7' - 0"	HMD	1	HM		HW-SH-3D	B5/00-AE523	D7/00-AE523	F5/00-AE523	
LEVEL ONE															
LEVEL ONE	1A168	CORRIDOR (C1003)	TELECOM (1A168)	F	3' - 0"	7' - 0"	HMD	1	HM		HW-SH-3D	B5/00-AE523	D7/00-AE523	F5/00-AE523	
LEVEL ONE	1C122	CORRIDOR (C1016)	TELECOM (1C122)	F	3' - 0"	7' - 0"	HMD	1	HM		HW-SH-3D	B5/00-AE523	D7/00-AE523	F5/00-AE523	
LEVEL TWO															
LEVEL TWO	2A127	CORRIDOR (C2008)	TELECOM (2A127)	F	3' - 0"	7' - 0"	HMD	1	HM		HW-SH-3D	B5/00-AE523	D7/00-AE523	F5/00-AE523	
LEVEL TWO	2C108	CORRIDOR (C2025)	TELECOM (2C108)	F	3' - 0"	7' - 0"	HMD	1	HM		HW-SH-3D	B5/00-AE523	D7/00-AE523	F5/00-AE523	

ROOM FINISH SCHEDULE - BLDG 71

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE	E MATL	E MATL 2	E FIN	N MATL	N MATL 2	N FIN	S MATL	S MATL 2	S FIN	W MATL	W MATL 2	W FIN	CEILING FINISH	Remarks
GROUND FLOOR																	
GA119	MDF	SDT	RB	(E) GYP		P	(E) GYP		P	(E) GYP		P	(E) GYP		P	OPEN TO STRUC ABOVE	
LEVEL ONE																	
1A168	TELECOM	SDT	RB	GYP		P	GYP		P	GYP		P	GYP		P	OPEN TO STRUC ABOVE	
1C122	TELECOM	SDT	RB	(E) GYP		P	(E) GYP		P	(E) GYP		P	(E) GYP		P	OPEN TO STRUC ABOVE	
LEVEL TWO																	
2A127	TELECOM	SDT	RB	(E) GYP		P	(E) GYP		P	(E) GYP		P	(E) GYP		P	OPEN TO STRUC ABOVE	
2C108	TELECOM	SDT	RB	(E) GYP		P	(E) GYP		P	(E) GYP		P	(E) GYP		P	OPEN TO STRUC ABOVE	

ABBREVIATIONS USED IN DOOR AND ROOM FINISH SCHEDULES:

ACT	ACOUSTICAL CEILING TILE
ADO	AUTOMATIC DOOR OPERATOR
CLR	COLOR
CONC FLR	CONCRETE FLOOR
EFTR	EXISTING FINISH TO REMAIN
EPY	EPOXY FLOORING
EX	EXISTING
EXP	EXPOSED
ESD	ELECTROSTATIC DISCHARGE FLOORING
FIN	FINISH
GWB	GYPSUM WALLBOARD SYSTEMS
HM	HOLLOW METAL
HT	HEIGHT
HW	HARDWARE SET (FINISH OR BUILDER'S HARDWARE)
LINO	LINOLEUM
MATL	MATERIAL
NO	NUMBER
NR	NON-RATED
P	PAINT (EXTERIOR AND INTERIOR; TRANSPARENT, SEMI-TRANSPARENT, AND OPAQUE FINISHES)
PLYWD	PLYWOOD
PR	PAIR
PRB	PROFILE BASE
RB	RESILIENT BASE (RUBBER OR VINYL WITH FACTORY FORMED INSIDE AND OUTSIDE CORNERS)
RWC	RIGID VINYL WALL COVERING (WALL PROTECTION - ROLL OR SHEET)
SGL	SINGLE
SS	STAINLESS STEEL
SDT	STATIC DISSIPATIVE TILE

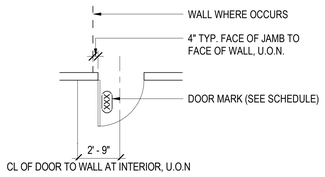
LEGEND:

F - FLUSH DOOR	W.G. - WIRE GLASS
FF - FACTORY FINISH	STL - STEEL
FG - FLUSH DOOR WITH GLAZING	ALUM - ALUMINUM
N - FLUSH DOOR WITH GLAZING	PRE-FIN - PREFINISHED
GL-1T - GLAZING	FIB - FIBERGLASS
HM - HOLLOW METAL	WD - WOOD
T.G. - TEMPERED GLASS	

GENERAL NOTES:

1. ALL DOORS SHALL BE 1 3/4" THICK, UNLESS OTHERWISE NOTED.
2. ALL DOORS SHALL BE FLUSH TOPS AND BOTTOMS, UNLESS OTHERWISE NOTED.
3. ALL DOOR & FRAMES SHALL BE REINFORCED FOR HARDWARE
4. ALL FRAMES SHALL BE SECURED IN WALL TO PREVENT MOVEMENT IN FRAME OR PANEL.
5. REFER TO SPECIFICATIONS FOR ALL HARDWARE SET INFORMATION.
6. COORDINATE FIRE RATED HARDWARE REQUIREMENTS WITH ALL DOOR IDENTIFIED HEREIN WITH FIRE RATING.
7. CONTRACTOR SHALL VERIFY ALL DOOR AND DOOR FRAME DIMENSIONS PRIOR TO ISSUING SUBMITTAL.
8. DOOR CLOSERS ARE REQUIRED AT ALL TR'S AND DATA CENTER.
9. DOOR HARDWARE SUBCONTRACTOR SHALL FIELD VERIFY COMPATIBILITY OF SPECIFIED HARDWARE WITH EXISTING CONDITIONS (DOOR & FRAME TYPE, SWING, EXISTING HARDWARE PREP) PRIOR TO SUBMITTING HARDWARE SCHEDULE FOR VA/ARCHITECT REVIEW AND SHALL ADVISE OF ANY CONFLICTS AND PROPOSE SOLUTIONS.
10. EXISTING DOOR OPENING WIDTHS TO BE FIELD VERIFIED PRIOR TO SUBMITTING VA/ARCHITECT REVIEW AND SHALL ADVISE OF ANY CONFLICTS AND PROPOSE SOLUTIONS.

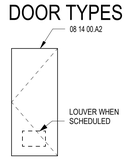
PLAN INDICATION



SINGLE OPENING

E7 DOOR DETAIL
1/4" = 1'-0"

DOOR TYPES



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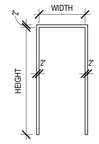
FRAME TYPES



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UON IF A ROOM IS DECOMMISSIONED IT IS TO BE TO A "VANILLA" FINISH LEVEL:

WALLS ARE FINISHED AND PRIMED OR PAINTED WHITE PER VA DIRECTION
FLOORS ARE FINISHED OR AT LEAST CONCRETE
ALL EXISTING UTILITIES REMAIN STUBBED TO PREMISES AND CAPPED AS NECESSARY
CEILINGS ARE FINISHED WITH BASIC LIGHTING
LIGHTING CONTROLS ARE CONNECTED TO EXISTING SYSTEM
EXISTING DOORS TO REMAIN AS IS
EXISTING SECURITY TO REMAIN AS IS
EXISTING SPRINKLER SYSTEM AS IS

ADDITIONAL NOTES:
WHERE (N) PLYWD WALL CLADDING IS INDICATED, FINISH TO COVER F.F. TO B.O. DECK ABOVE.
WHERE (E) TELEPHONE BACKER BOARDS ARE PRESENT WITH EQUIPMENT TO REMAIN, THESE AREAS TO REMAIN IN PLACE AND (N) PLYWD TO FILL IN AROUND EXISTING.
(N) ACT CEILING TO BE CENTERED IN AREA INSTALLED UON. WHERE ADJACENT TO (E) ACT ALIGN GRIDS TO ADJACENT (E) ACT.

Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SCHEDULES AND DIAGRAMS	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 71-AE601

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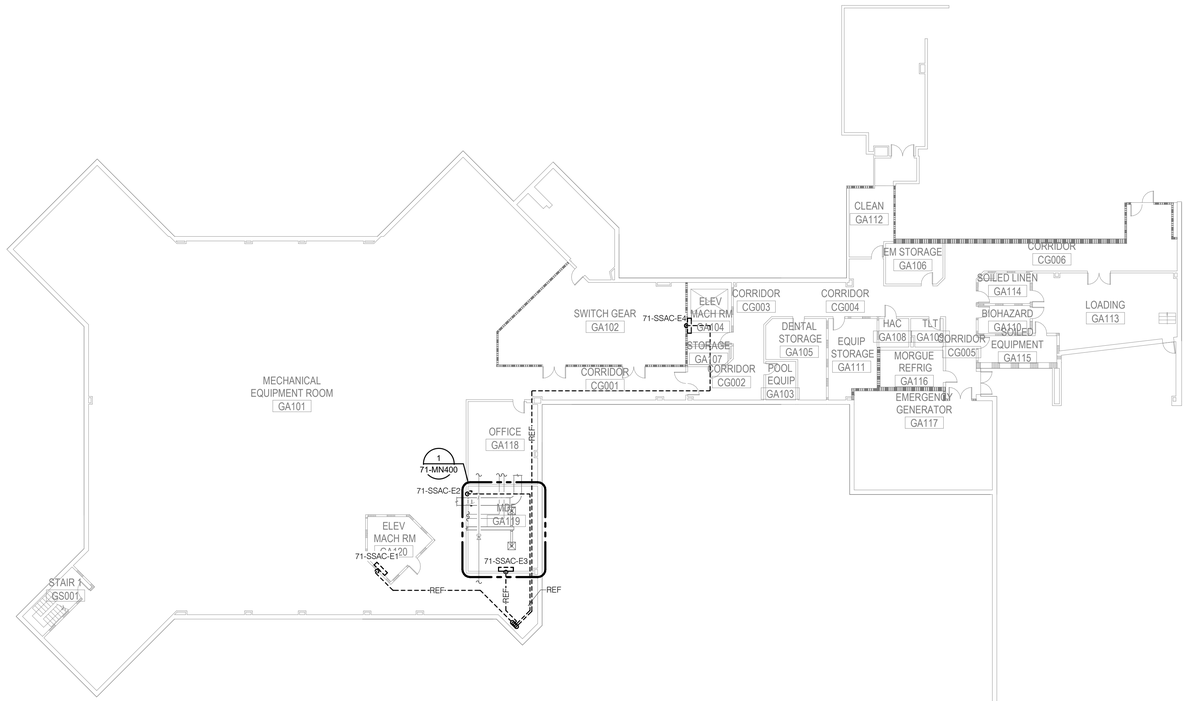
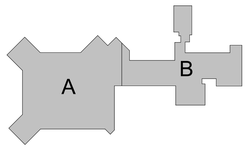


GENERAL NOTES:

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/16" = 1'-0" SCALE 5 0 5 10 15 20 25 30 35 40 FEET

Revisions:	Date:

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ENGINEER
No. PE093444
03.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: OVERALL GROUND FLOOR DEMOLITION PLAN - MECHANICAL

Approved: VA DIRECTOR 001

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215

Issue Date: 06.27.2025
Checked: BRAGAR
Drawn: ANDPOP

Project Number: 646A4-22-700
Building Number: 71
Drawing Number: 71-MD100
SHEET 432 of 484

VA FORM 08 - 6231

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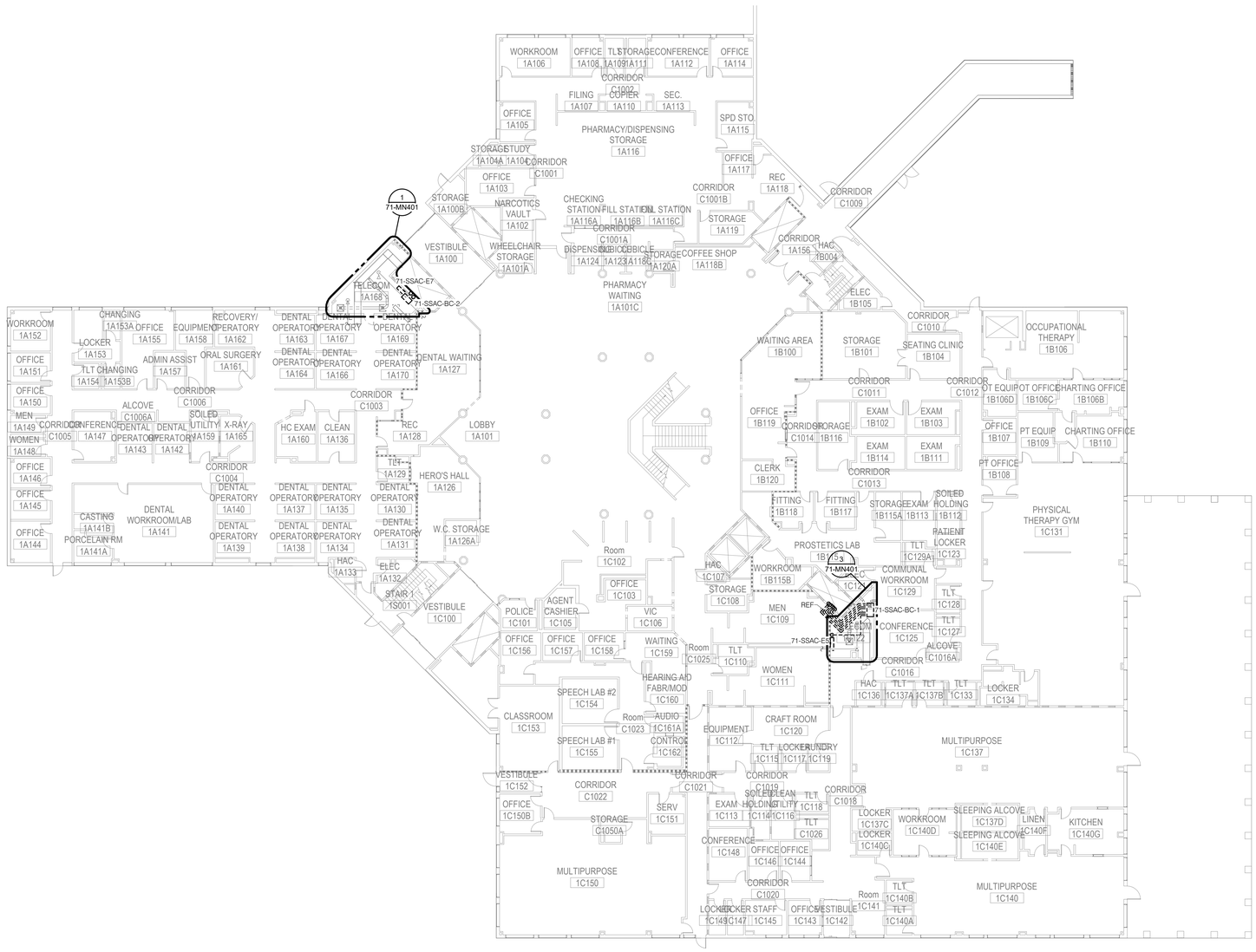

GENERAL NOTES:

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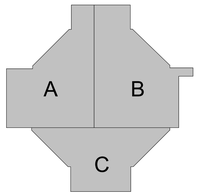

PLAN NORTH

1/16" = 1'-0" SCALE 5 0 5 10 15 20 25 30 35 40 FEET

Revisions:	Date:

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No. PE093444
02.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL FIRST FLOOR DEMOLITION PLAN - MECHANICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 71-MD101 SHEET 433 of 484

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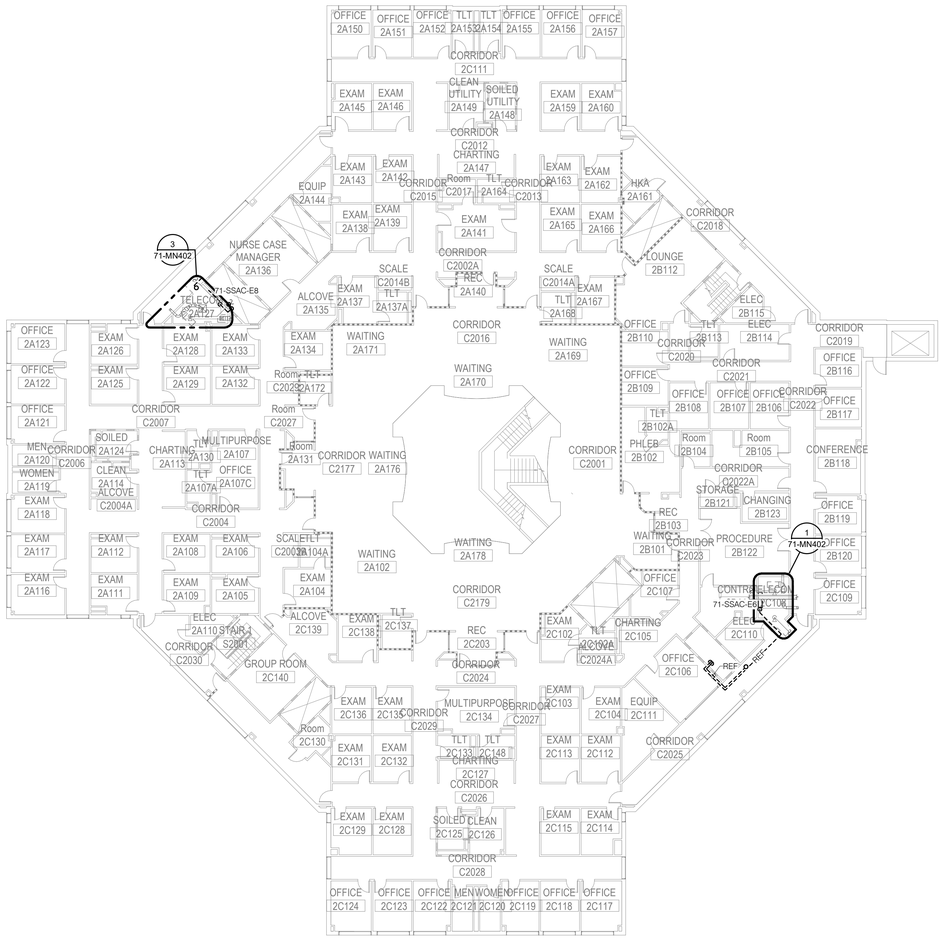

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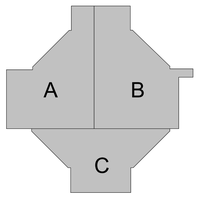

PLAN NORTH

1/16" = 1'-0" 5 0 5 10 15 20 25 30 35 40
SCALE FEET

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02.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL SECOND FLOOR DEMOLITION PLAN - MECHANICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Building Number: 71	
		Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-MD102
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	SHEET 434 of 484

VA FORM 08 - 6231

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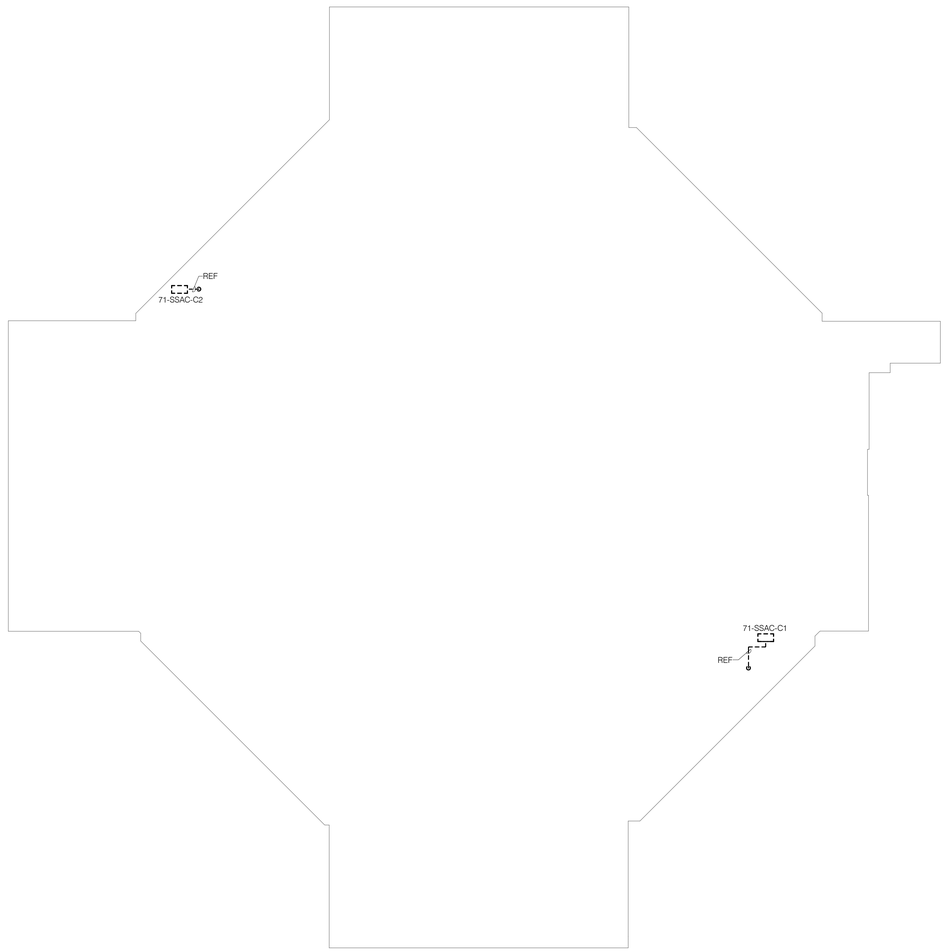

GENERAL NOTES:

SHEET NOTES:

1. REMOVE VRF CONDENSING UNIT AND ASSOCIATED PIPING, CONTROLS, WIRING, ETC. ROOF CURB TO REMAIN FOR NEW CONDENSING UNIT.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

1/16" = 1'-0" 5 0 5 10 15 20 25 30 35 40
SCALE FEET

Revisions:	Date:

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DAVID W. BODENSCHATZ
ENGINEER
No. PE061444
02.10.2026
Exp. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL ROOF DEMOLITION PLAN - MECHANICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 71-MD103
			SHEET 435 of 484

VA FORM 08 - 6231

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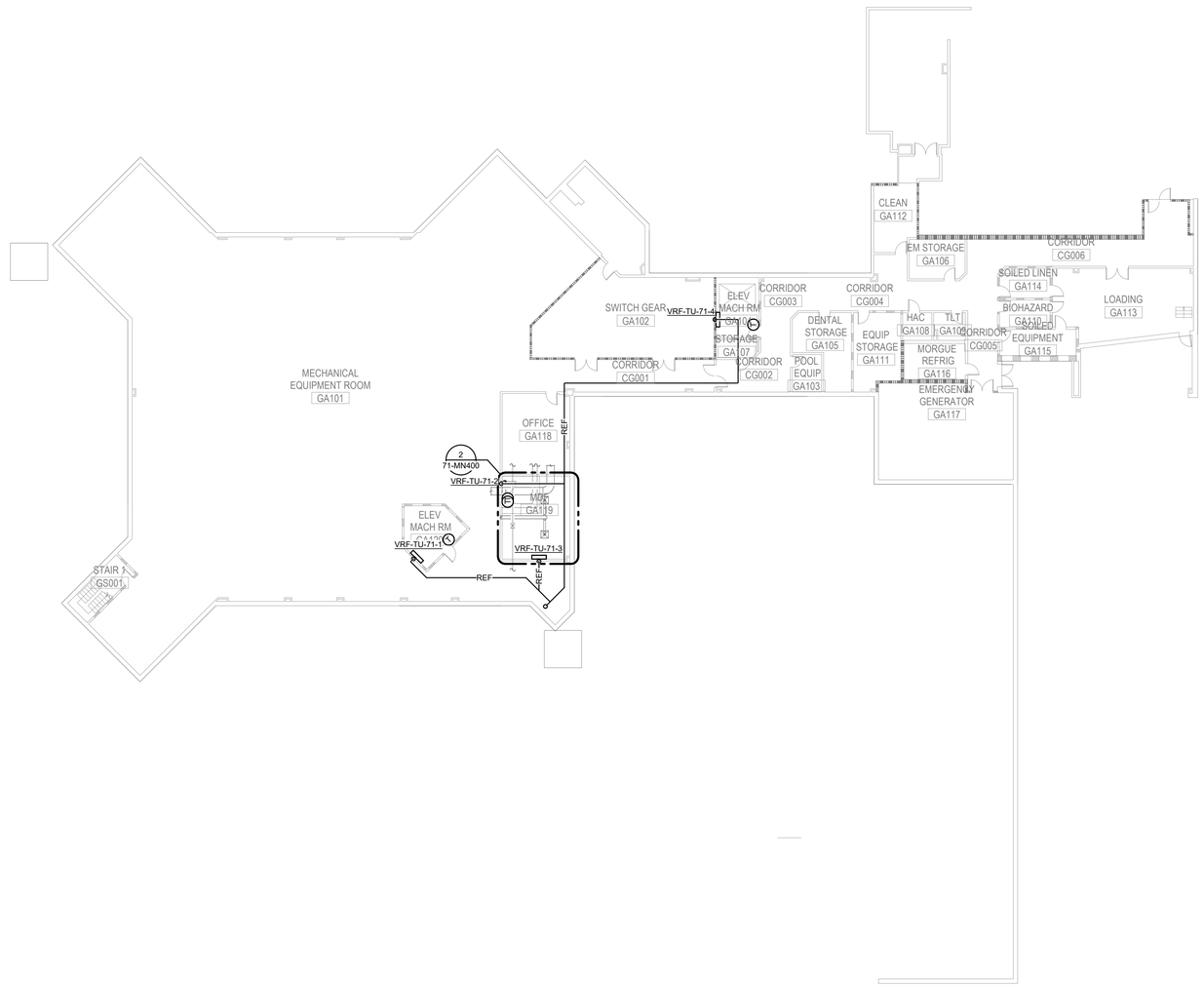
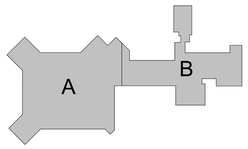


GENERAL NOTES:

1. ROUTE AND SIZE REFRIGERANT PIPING PER THE MANUFACTURER'S RECOMMENDATIONS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/16" = 1'-0" 5 0 5 10 15 20 25 30 35 40
SCALE FEET

Revisions:	Date:

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ENGINEER
No. PE093444
03.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL GROUND FLOOR PLAN - MECHANICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 71-MN100
			SHEET 436 of 484

VA FORM 08 - 6231

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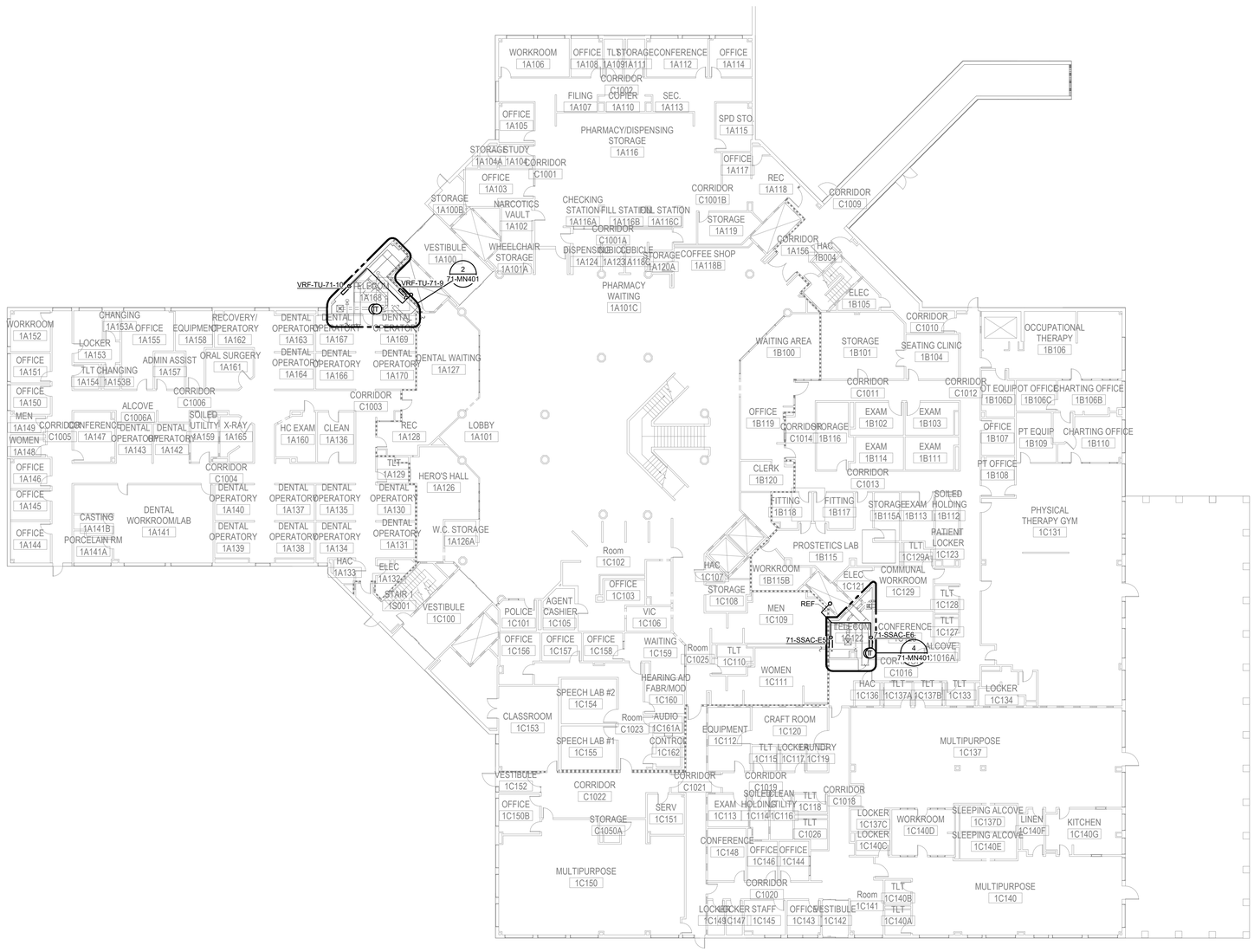
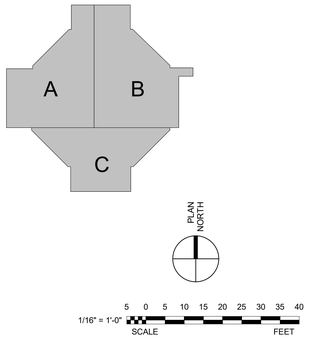


GENERAL NOTES:

1. ROUTE AND SIZE REFRIGERANT PIPING PER THE MANUFACTURER'S RECOMMENDATIONS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



Revisions:	Date:

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No. PE093444
02.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL FIRST FLOOR PLAN - MECHANICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 71-MN101
			SHEET 437 of 484

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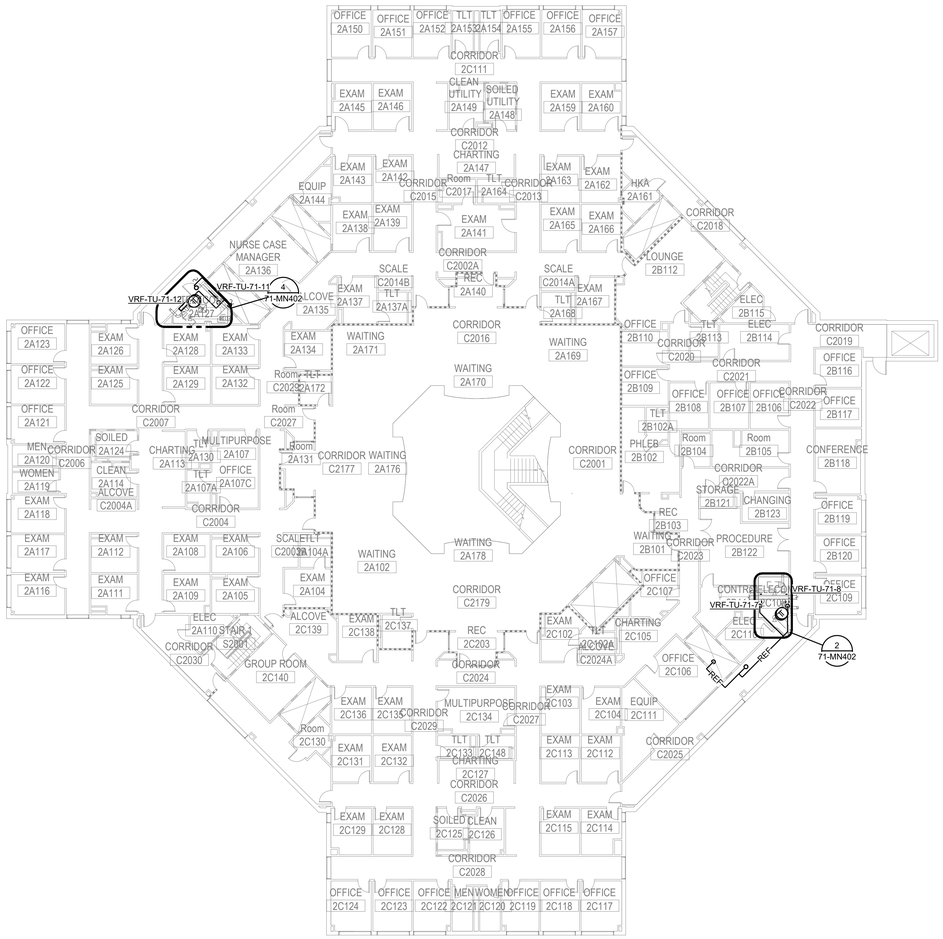
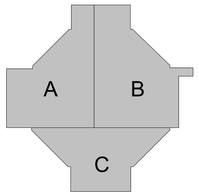


GENERAL NOTES:

1. ROUTE AND SIZE REFRIGERANT PIPING PER THE MANUFACTURER'S RECOMMENDATIONS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/16" = 1'-0" 5 0 5 10 15 20 25 30 35 40 SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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03.10.2026
Exp. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL SECOND FLOOR PLAN - MECHANICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 71-MN102
			SHEET 438 of 484

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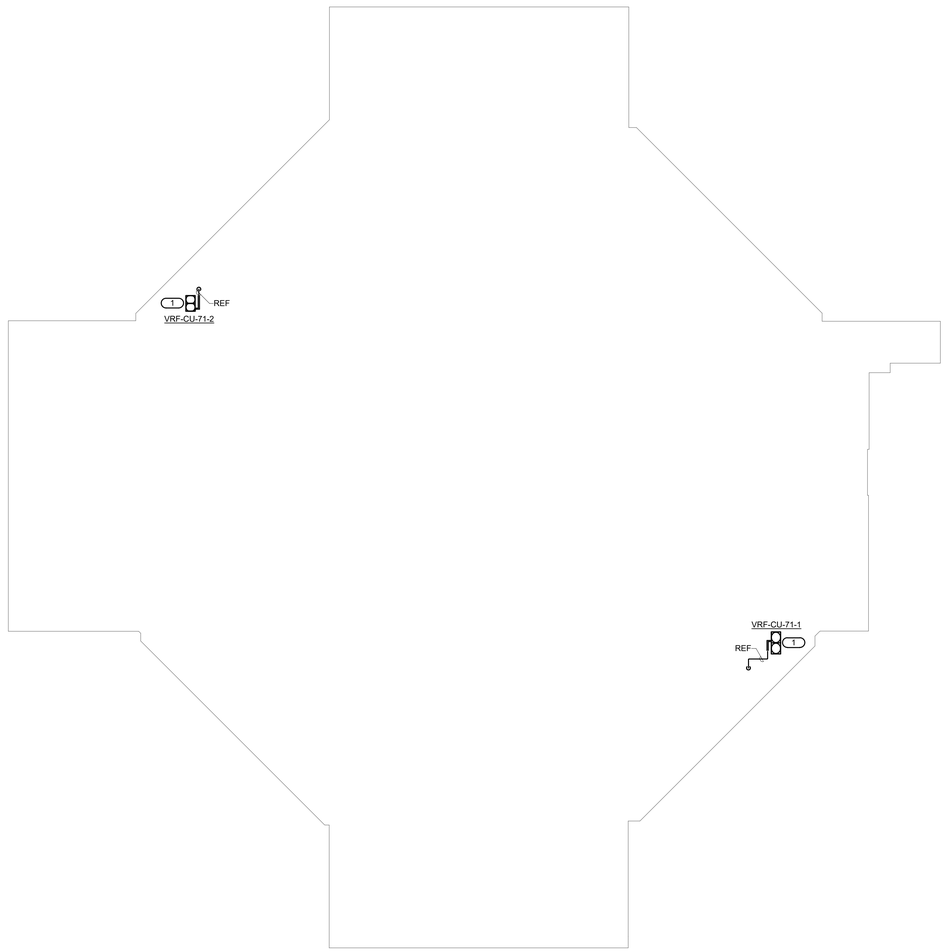

GENERAL NOTES:

1. ROUTE AND SIZE REFRIGERANT PIPING PER THE MANUFACTURER'S RECOMMENDATIONS.

SHEET NOTES:

1. INSTALL NEW VRF CONDENSING UNIT ON EXISTING ROOF CURB IN SAME LOCATION AS EXISTING VRF CONDENSING UNIT.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

1/16" = 1'-0" SCALE — 5 0 5 10 15 20 25 30 35 40 FEET

Revisions:	Date:

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EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: OVERALL ROOF PLAN - MECHANICAL	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	Drawing Number: 71-MN103
			SHEET 439 of 484

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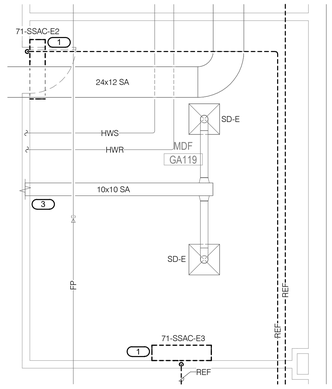
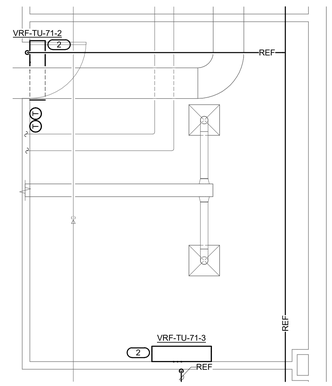


1 GROUND - TR GA119 DEMO ENLARGED PLAN

1/4" = 1'-0"



2 GROUND - TR GA119 ENLARGED PLAN

1/4" = 1'-0"

GENERAL NOTES:

1. DRIP PANS SHALL BE PROVIDED UNDER ALL EXISTING HYDRONIC, PLUMBING, AND FIRE PROTECTION PIPING OVERHEAD IN TR SPACES. MECHANICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR TO VERIFY ALL EXISTING AND NEW PIPING OVERHEAD ARE PROVIDED WITH DRIP PAN COVERAGE.
   A. DO NOT SPILL CONDENSATE PIPING INTO DRIP PANS OVER TR SPACES. COORDINATE INSTALLATION OF REFRIGERANT AND CONDENSATE PIPING WITH DRIP PAN LOCATIONS. AVOID PENETRATIONS OF NEW DRIP PANS. SEAL ANY NECESSARY PENETRATIONS WATER TIGHT.
2. TEMPERATURE CONTROLS CONTRACTOR SHALL COORDINATE LOCATION OF ALL DRIP PANS FOR LEAK DETECTION MONITORING.
3. PROVIDE A STANDALONE TEMPERATURE AND HUMIDITY SENSOR OR SENSORS FOR SPACE MONITORING.
4. TEMPERATURE CONTROLS CONTRACTOR SHALL BE RESPONSIBLE FOR INTEGRATION OF ALL TEMPERATURE AND HUMIDITY SENSORS INTO EXISTING FACILITY CONTROLS SYSTEM. COORDINATE ALL RACK-MOUNTED SENSORS WITH TELECOMMUNICATIONS CONTRACTOR.
5. EXISTING SPRINKLER(S) IN TR SHALL REPLACED WITH NEW UPRIGHT SPRINKLERS AT THE TIME THE CEILING IS REMOVED IN ORDER TO MAINTAIN SPRINKLER PROTECTION WITHIN THE CONSTRUCTION AREA. NEW SPRINKLERS SHALL BE:
   A. STANDARD RESPONSE
   B. UPRIGHT TYPE
   C. PROVIDED WITH MECHANICAL GUARDS.
   D. ORDINARY TEMPERATURE TYPE.
   E. TR SPACES SHALL BE CLASSIFIED AS LIGHT HAZARD DENSITY FOR SPRINKLER SELECTION.
6. REFER TO OVERALL FLOOR PLAN FOR CONTINUATION OF PIPING.

SHEET NOTES:

1. REMOVE EXISTING VRF TERMINAL UNIT AND ASSOCIATED THERMOSTAT, SUPPORTS, WIRING, AND REFRIGERANT PIPING. EXISTING CONDENSATE PIPING TO BE DISCONNECTED BUT REMAIN FOR REUSE.
2. LOCATE NEW VRF TERMINAL UNIT IN SAME LOCATION AS THE EXISTING TERMINAL UNIT. ROUTE NEW REFRIGERANT PIPING FOLLOWING SAME PATH AS EXISTING REFRIGERANT PIPING TO THE CONDENSING UNIT ON THE ROOF. CONNECT EXISTING CONDENSATE PIPING TO NEW VRF TERMINAL UNIT.
3. TERMINAL UNIT SERVING SPACE TO REMAIN FOR BACKUP COOLING ONLY OPERATION. REMOVE EXISTING HOT WATER SUPPLY AND RETURN PIPING BACK TO THE ACTIVE MAIN AND CAP. REFER TO 4/00-MG700 FOR CONTROL DIAGRAM.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

1/16" = 1'-0" SCALE — 5 0 5 10 15 20 25 30 35 40 FEET

Revisions:	Date:

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03.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED PLANS - TR - GROUND FLOOR	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Building Number: 71	
		Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-MN400
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	SHEET 440 of 484

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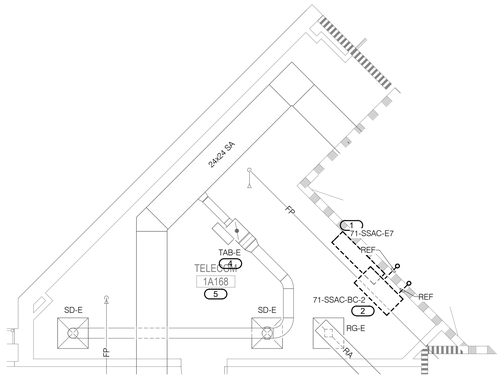
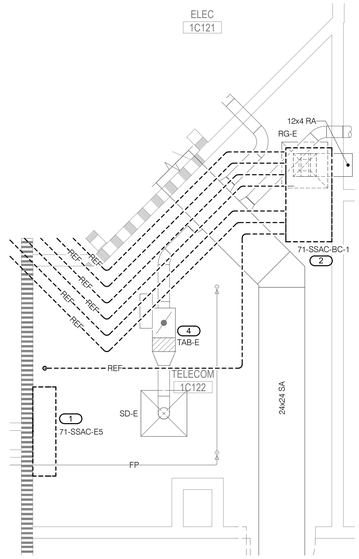
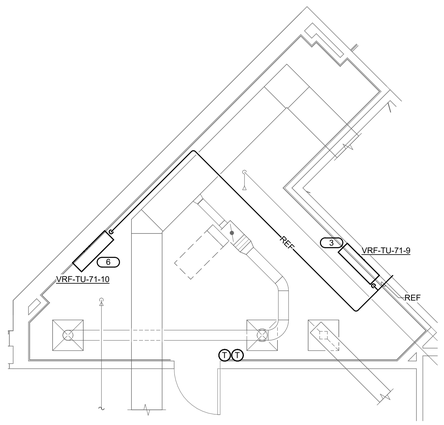


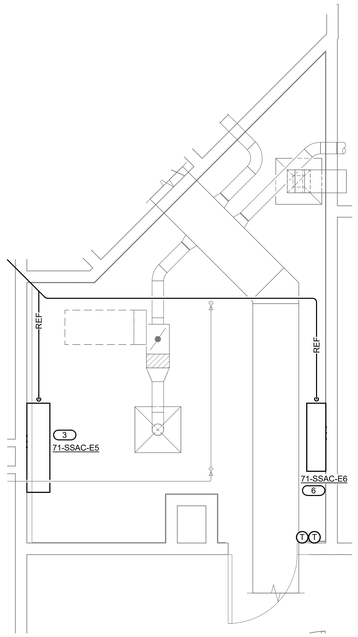
1 LEVEL 1 - TR 1A168 DEMO ENLARGED PLAN
1/4" = 1'-0"



3 LEVEL 1 - TR 1C122 DEMO ENLARGED PLAN
3/8" = 1'-0"



2 LEVEL 1 - TR 1A168 ENLARGED PLAN
1/4" = 1'-0"



4 LEVEL 1 - TR 1C122 ENLARGED PLAN
3/8" = 1'-0"

GENERAL NOTES:

1. DRIP PANS SHALL BE PROVIDED UNDER ALL EXISTING HYDRONIC, PLUMBING, AND FIRE PROTECTION PIPING OVERHEAD IN TR SPACES. MECHANICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR TO VERIFY ALL EXISTING AND NEW PIPING OVERHEAD ARE PROVIDED WITH DRIP PAN COVERAGE.
   A. DO NOT SPILL CONDENSATE PIPING INTO DRIP PANS OVER TR SPACES. COORDINATE INSTALLATION OF REFRIGERANT AND CONDENSATE PIPING WITH DRIP PAN LOCATIONS. AVOID PENETRATIONS OF NEW DRIP PANS. SEAL ANY NECESSARY PENETRATIONS WATER TIGHT.
2. TEMPERATURE CONTROLS CONTRACTOR SHALL COORDINATE LOCATION OF ALL DRIP PANS FOR LEAK DETECTION MONITORING.
3. PROVIDE A STANDALONE TEMPERATURE AND HUMIDITY SENSOR OR SENSORS FOR SPACE MONITORING.
4. TEMPERATURE CONTROLS CONTRACTOR SHALL BE RESPONSIBLE FOR INTEGRATION OF ALL TEMPERATURE AND HUMIDITY SENSORS INTO EXISTING FACILITY CONTROLS SYSTEM. COORDINATE ALL RACK-MOUNTED SENSORS WITH TELECOMMUNICATIONS CONTRACTOR.
5. EXISTING SPRINKLER(S) IN TR SHALL REPLACED WITH NEW UPRIGHT SPRINKLERS AT THE TIME THE CEILING IS REMOVED IN ORDER TO MAINTAIN SPRINKLER PROTECTION WITHIN THE CONSTRUCTION AREA. NEW SPRINKLERS SHALL BE:
   A. STANDARD RESPONSE
   B. UPRIGHT TYPE
   C. PROVIDED WITH MECHANICAL GUARDS.
   D. ORDINARY TEMPERATURE TYPE.
   E. TR SPACES SHALL BE CLASSIFIED AS LIGHT HAZARD DENSITY FOR SPRINKLER SELECTION.
6. REFER TO OVERALL FLOOR PLAN FOR CONTINUATION OF PIPING.

SHEET NOTES:

1. REMOVE EXISTING VRF TERMINAL UNIT AND ASSOCIATED THERMOSTAT, SUPPORTS, WIRING, AND REFRIGERANT PIPING. EXISTING CONDENSATE PIPING TO BE DISCONNECTED BUT REMAIN FOR REUSE.
2. REMOVE EXISTING VRF BRANCH SELECTOR BOX AND ASSOCIATED SUPPORTS, WIRING, AND REFRIGERANT PIPING.
3. LOCATE NEW VRF TERMINAL UNIT IN SAME LOCATION AS THE EXISTING TERMINAL UNIT. ROUTE NEW REFRIGERANT PIPING FOLLOWING SAME PATH AS EXISTING REFRIGERANT PIPING TO THE CONDENSING UNIT ON THE ROOF. CONNECT EXISTING CONDENSATE PIPING TO NEW VRF TERMINAL UNIT.
4. TERMINAL UNIT SERVING SPACE TO REMAIN FOR BACKUP COOLING ONLY OPERATION. REMOVE EXISTING HOT WATER SUPPLY AND RETURN PIPING BACK TO THE ACTIVE MAIN AND CAP. REFER TO 4/00-MG700 FOR CONTROL DIAGRAM.
5. REMOVE EXISTING RADIANT HEATING PANEL(S) IN THIS ROOM AND ASSOCIATED HEATING WATER PIPING BACK TO THE ACTIVE MAIN AND CAP. REMOVE ASSOCIATED SUPPORTS, WIRING, AND CONTROLS.
6. INSTALL NEW VRF TERMINAL UNIT AND CONNECT NEW REFRIGERANT PIPING. ROUTE CONDENSATE FROM UNIT TO EXISTING CONDENSATE PIPING SERVING OTHER VRF TERMINAL UNIT IN SPACE.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

1/16" = 1'-0" 5 0 5 10 15 20 25 30 35 40
SCALE FEET

Revisions:	Date:

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No. PE093444
PENNSYLVANIA
03.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - TR - LEVEL 1

Approved: VA DIRECTOR 001

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD., PITTSBURGH, PA 15215

Issue Date: 06.27.2025
Checked: BRAGAR
Drawn: ANDPOP

Project Number: 646A4-22-700
Building Number: 71
Drawing Number: 71-MN401
SHEET 441 of 484

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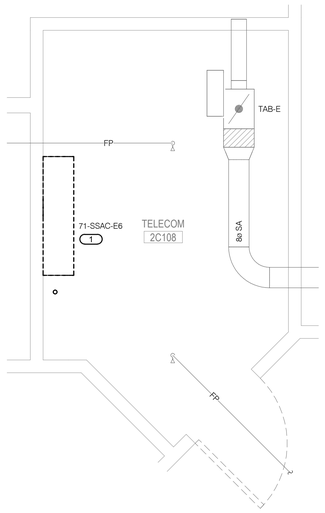
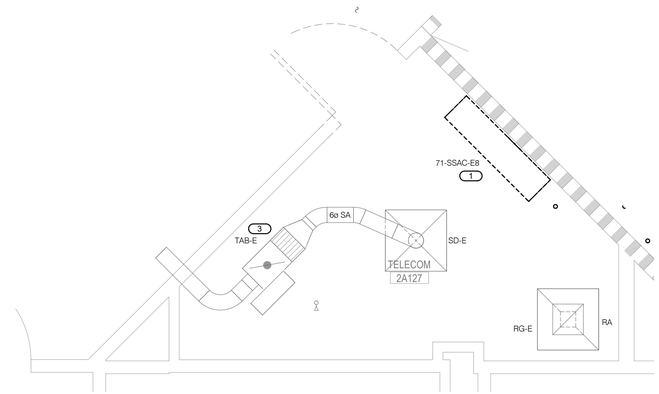
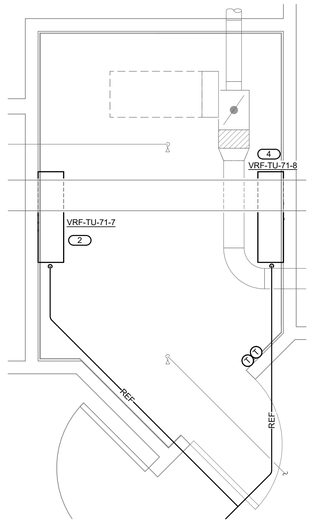


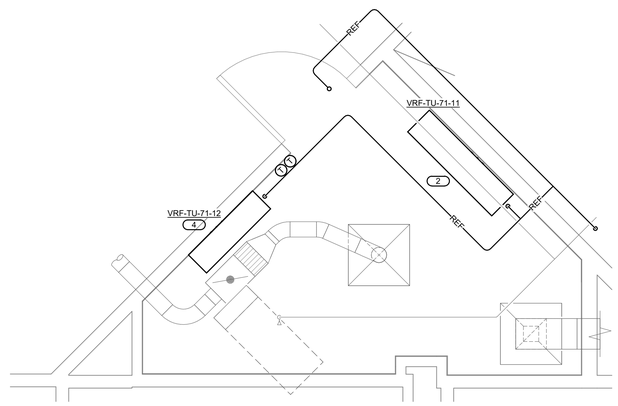
1 LEVEL 2 - TR 2C108 DEMO ENLARGED PLAN
1/2" = 1'-0"



3 LEVEL 2 - TR 2A127 DEMO ENLARGED PLAN
1/2" = 1'-0"



2 LEVEL 2 - TR 2C108 ENLARGED PLAN
1/2" = 1'-0"



4 LEVEL 2 - TR 2A127 ENLARGED PLAN
1/2" = 1'-0"

GENERAL NOTES:

1. DRIP PANS SHALL BE PROVIDED UNDER ALL EXISTING HYDRONIC, PLUMBING, AND FIRE PROTECTION PIPING OVERHEAD IN TR SPACES. MECHANICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR TO VERIFY ALL EXISTING AND NEW PIPING OVERHEAD ARE PROVIDED WITH DRIP PAN COVERAGE.
   A. DO NOT SPILL CONDENSATE PIPING INTO DRIP PANS OVER TR SPACES. COORDINATE INSTALLATION OF REFRIGERANT AND CONDENSATE PIPING WITH DRIP PAN LOCATIONS. AVOID PENETRATIONS OF NEW DRIP PANS. SEAL ANY NECESSARY PENETRATIONS WATER TIGHT.
2. TEMPERATURE CONTROLS CONTRACTOR SHALL COORDINATE LOCATION OF ALL DRIP PANS FOR LEAK DETECTION MONITORING.
3. PROVIDE A STANDALONE TEMPERATURE AND HUMIDITY SENSOR OR SENSORS FOR SPACE MONITORING.
4. TEMPERATURE CONTROLS CONTRACTOR SHALL BE RESPONSIBLE FOR INTEGRATION OF ALL TEMPERATURE AND HUMIDITY SENSORS INTO EXISTING FACILITY CONTROLS SYSTEM. COORDINATE ALL RACK-MOUNTED SENSORS WITH TELECOMMUNICATIONS CONTRACTOR.
5. EXISTING SPRINKLER(S) IN TR SHALL REPLACED WITH NEW UPRIGHT SPRINKLERS AT THE TIME THE CEILING IS REMOVED IN ORDER TO MAINTAIN SPRINKLER PROTECTION WITHIN THE CONSTRUCTION AREA. NEW SPRINKLERS SHALL BE:
   A. STANDARD RESPONSE
   B. UPRIGHT TYPE
   C. PROVIDED WITH MECHANICAL GUARDS.
   D. ORDINARY TEMPERATURE TYPE.
   E. TR SPACES SHALL BE CLASSIFIED AS LIGHT HAZARD DENSITY FOR SPRINKLER SELECTION.
6. REFER TO OVERALL FLOOR PLAN FOR CONTINUATION OF PIPING.

SHEET NOTES:

1. REMOVE EXISTING VRF TERMINAL UNIT AND ASSOCIATED THERMOSTAT, SUPPORTS, WIRING, AND REFRIGERANT PIPING. EXISTING CONDENSATE PIPING TO BE DISCONNECTED BUT REMAIN FOR REUSE.
2. LOCATE NEW VRF TERMINAL UNIT IN SAME LOCATION AS THE EXISTING TERMINAL UNIT. ROUTE NEW REFRIGERANT PIPING FOLLOWING SAME PATH AS EXISTING REFRIGERANT PIPING TO THE CONDENSING UNIT ON THE ROOF. CONNECT EXISTING CONDENSATE PIPING TO NEW VRF TERMINAL UNIT.
3. TERMINAL UNIT SERVING SPACE TO REMAIN FOR BACKUP COOLING ONLY OPERATION. REMOVE EXISTING HOT WATER SUPPLY AND RETURN PIPING BACK TO THE ACTIVE MAIN AND CAP. REFER TO 4/00-MG700 FOR CONTROL DIAGRAM.
4. INSTALL NEW VRF TERMINAL UNIT AND CONNECT NEW REFRIGERANT PIPING, ROUTE CONDENSATE FROM UNIT TO EXISTING CONDENSATE PIPING SERVING OTHER VRF TERMINAL UNIT IN SPACE.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

1/16" = 1'-0" 5 0 5 10 15 20 25 30 35 40
SCALE FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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PROFESSIONAL ENGINEER
DAVID W. BODENSCHATZ
ENGINEER
No. PE097444-E
02.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - TR - LEVEL 2	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved: VA DIRECTOR 001	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-MN402
		Issue Date: 06.27.2025 / Checked: BRAGAR / Drawn: ANDPOP	SHEET 442 of 484

VA FORM 08 - 6231

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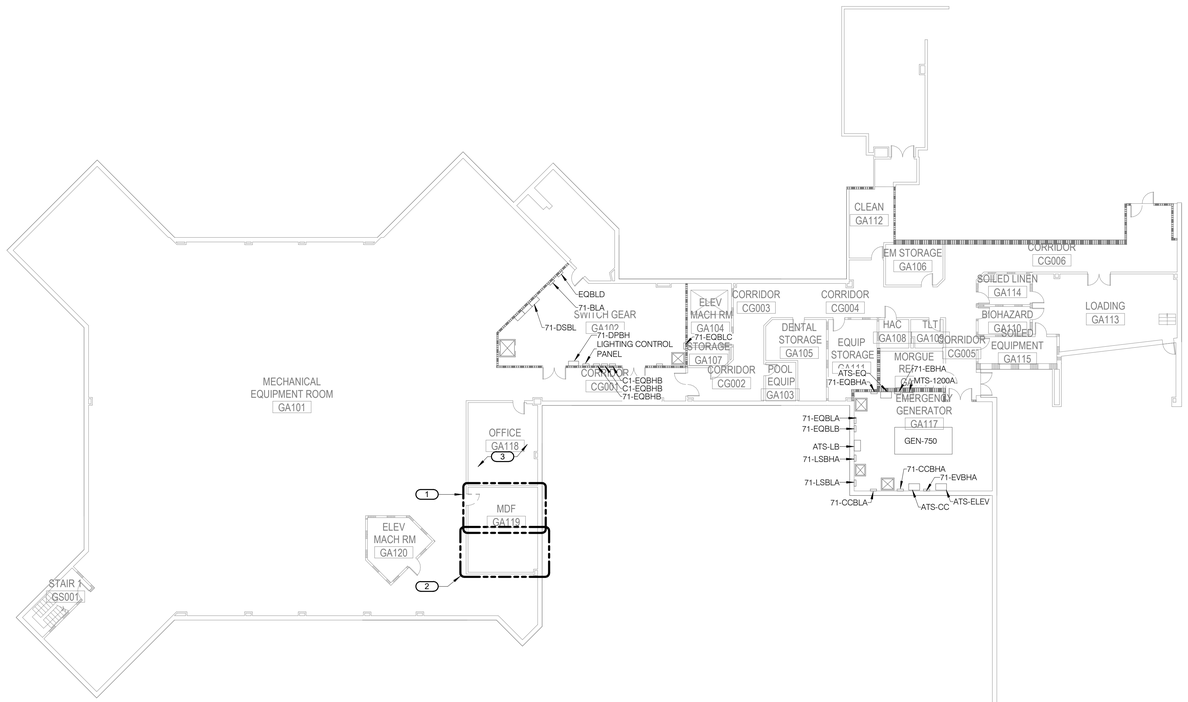

GENERAL NOTES:

A. REFER TO E000 FOR GENERAL NOTES.

B. ALL ELECTRICAL EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

C. ALL HVAC EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

SHEET NOTES:

1. DEMOLISH ALL EXISTING LIGHT FIXTURES, LIGHTING CONTROLS, RECEPTACLES, FIRE ALARM DEVICES, AND MECHANICAL EQUIPMENT WITHIN THIS SPACE TO FACILITATE NEW TR CONSTRUCTION. ALL CIRCUITS SHALL BE DEMOLISHED BACK TO LAST ACTIVE SOURCE: IF CIRCUIT IS DEMOLISHED BACK TO PANEL: THE BREAKER SHALL BE MARKED AS SPARE FOR ALL EQUIPMENT REMOVED IN ITS ENTIRETY. ACTIVE CIRCUITS THAT ARE TO REMAIN AND ARE SERVING OTHER SPACE, THE ACTIVE CIRCUIT SHALL BE RELOCATED OUT OF THIS SPACE TO AVOID SPACE AS A FEED-THROUGH ROUTE. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT REQUIRING DEMOLITION. REFER TO TECHNOLOGY DRAWINGS FOR EXACT ROOM LAYOUT.

2. TECHNOLOGY MODIFICATIONS: ALL EXISTING LIGHT FIXTURES, LIGHTING CONTROLS, RECEPTACLES, AND FIRE ALARM DEVICES SHALL REMAIN - CONFIRM THEY ARE IN WORKING ORDER; REPAIR OR REPLACE AS REQUIRED.

3. RECIRCUIT AND MODIFY THE LIGHT FIXTURES, LIGHTING CONTROLS, RECEPTACLES, AND FIRE ALARM DEVICES EFFECT BY THE NEW TR CONSTRUCTION. VERIFY THE SPACE IS IN WORKING CONDITION AFTER THE DEMOLITION PHASE.

PARTITION LEGEND

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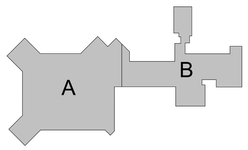

PLAN NORTH

1/16" = 1'-0" SCALE — 5 0 5 10 15 20 25 30 35 40 FEET

Revisions:	Date:

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ENGINEER
No. PE082281
03.16.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL GROUND FLOOR DEMOLITION PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-ED100
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 443 of 484

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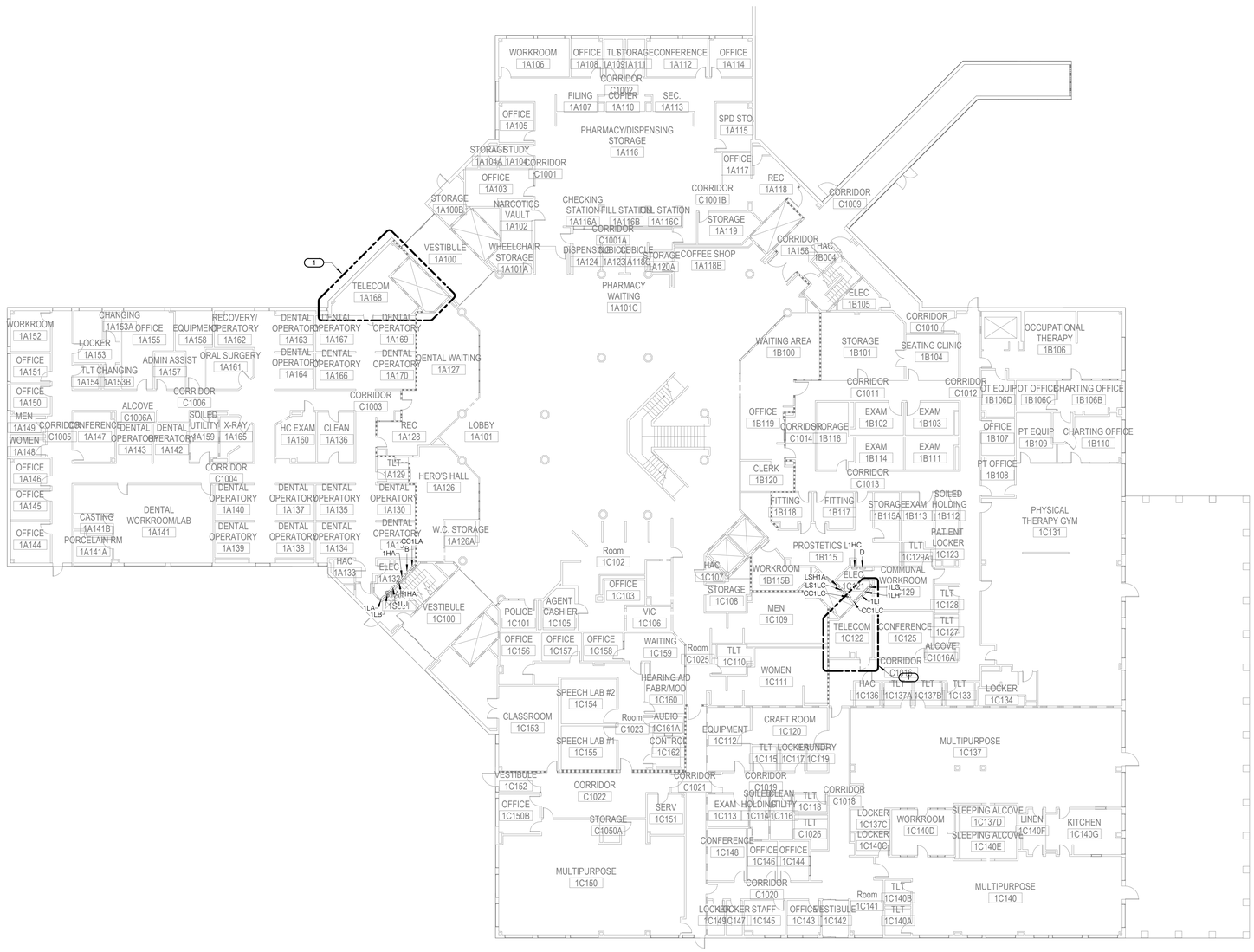

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SHEET NOTES:

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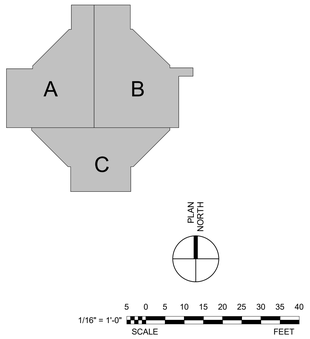

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BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283

9.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: OVERALL FIRST FLOOR DEMOLITION PLAN - ELECTRICAL

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215

Issue Date	Checked	Drawn
06.27.2025	EZ	JF

Project Number: 646A4-22-700

Building Number: 71

Drawing Number: 71-ED101

SHEET 444 of 484

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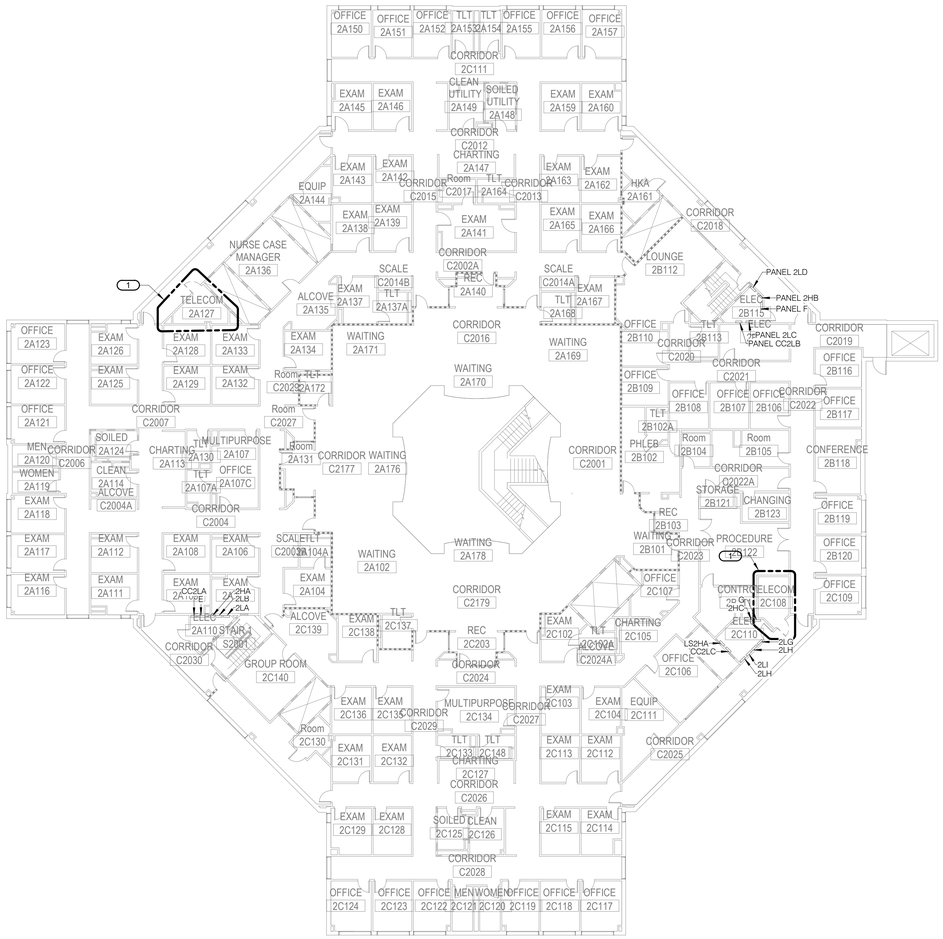

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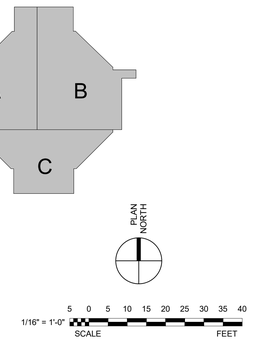

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02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL SECOND FLOOR DEMOLITION PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	Drawing Number: 71-ED102 SHEET 445 of 484

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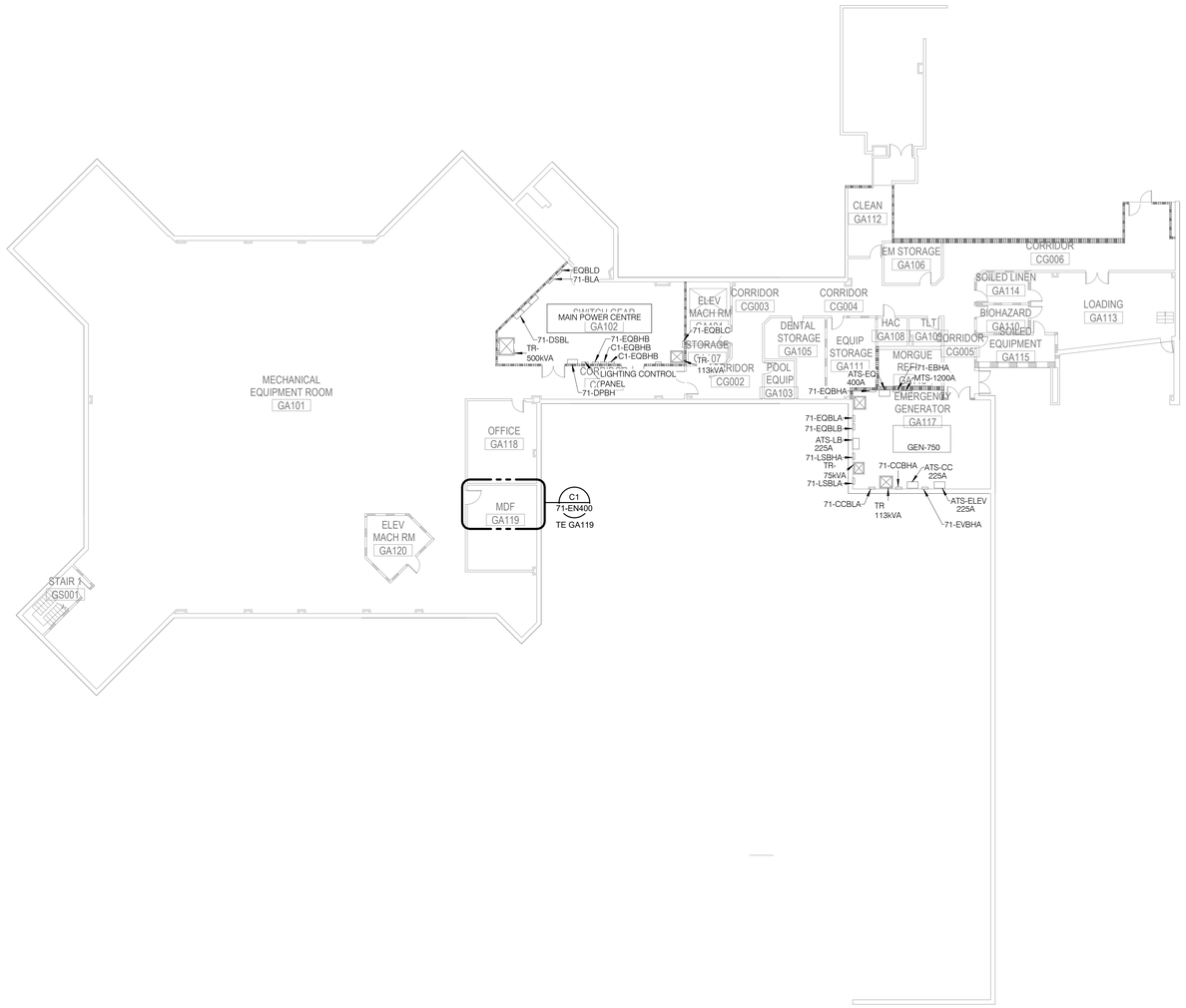

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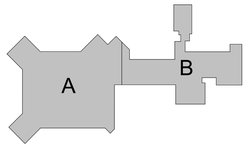

PLAN NORTH

1/16" = 1'-0" 5 0 5 10 15 20 25 30 35 40 SCALE FEET

Revisions:	Date:

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Exp 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL GROUND FLOOR PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	Drawing Number: 71-EN100
			SHEET 446 of 484

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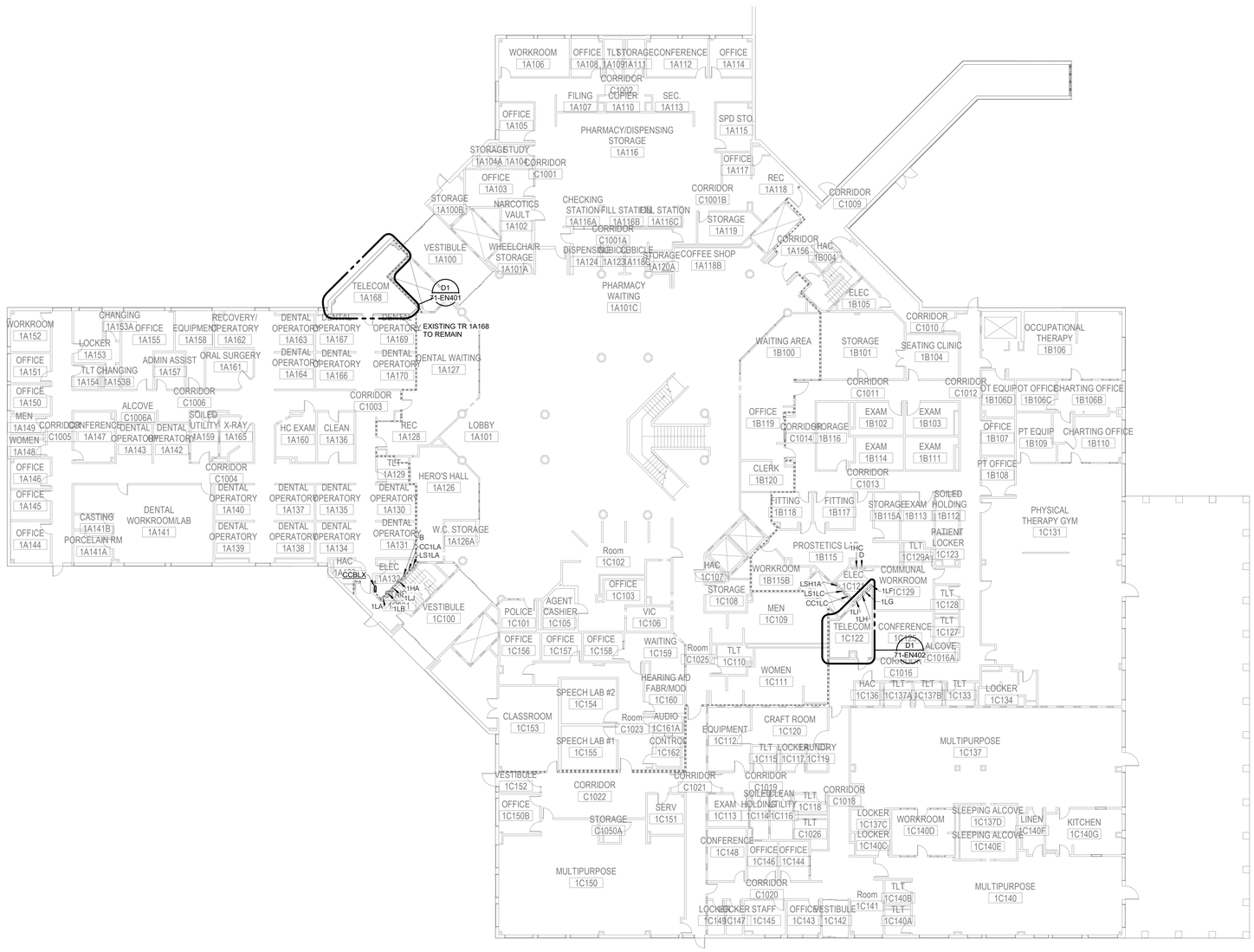

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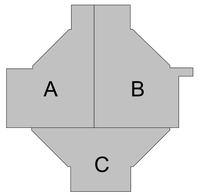

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1/16" = 1'-0" SCALE 5 0 5 10 15 20 25 30 35 40 FEET

Revisions:	Date:

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REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283

9.10.2026
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL FIRST FLOOR PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number 71
Approved:	FULLY SPRINKLERED	Location 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number 71-EN101
		Issue Date 06.27.2025 / Checked EZ / Drawn JF	SHEET 447 of 484

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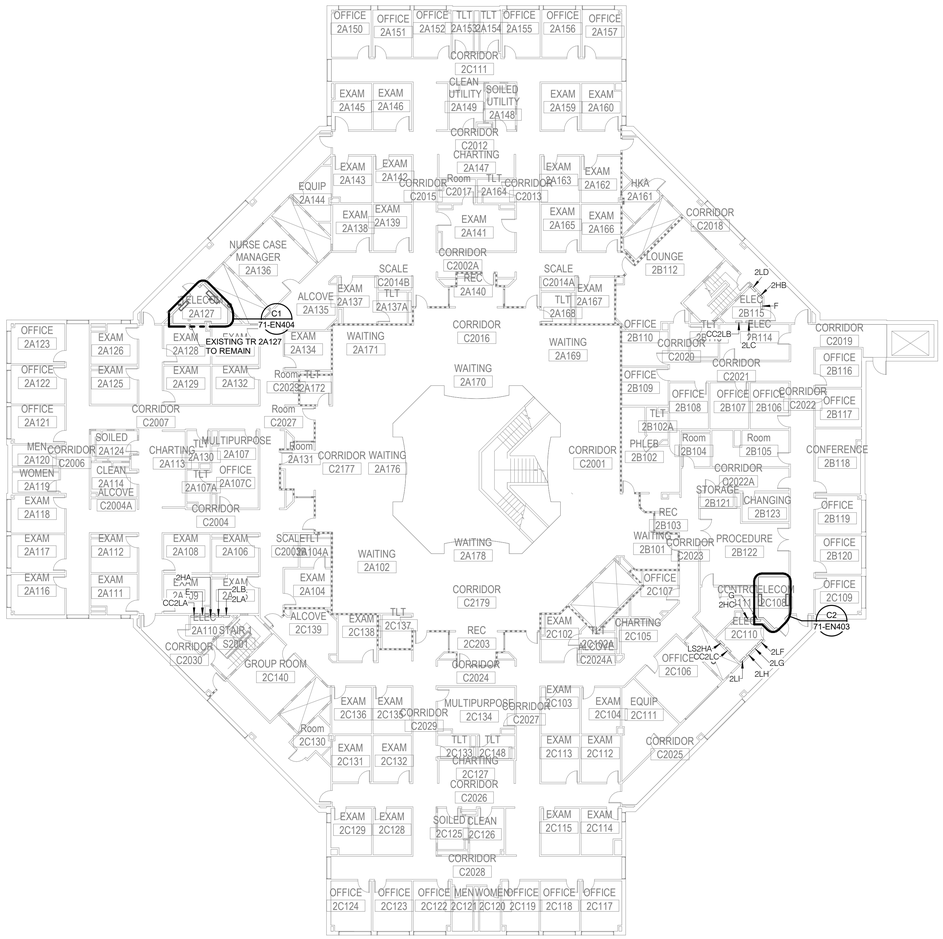

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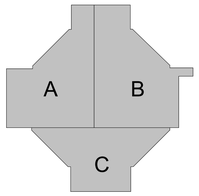

PLAN NORTH

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ENGINEER
Reg. PE082021
03.16.2026
Exp 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL SECOND FLOOR PLAN - ELECTRICAL	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	Drawing Number: 71-EN102 SHEET 448 of 484

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PANEL CCBLX

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 225 A/3P @ 71-CCBLA
LOCATION: ELEC 1A132
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 225 A MCB
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 65 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A		B		C		VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
--	1	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	2	--
--	3	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	4	--
--	5	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	6	--
--	7	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	8	--
--	9	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	10	--
--	11	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	14	--
--	15	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	16	--
--	17	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	22	--
--	23	SPACE	--	1	--	--	--						--	--		--	--	--	1	--	SPACE	24	--
--	25	SPACE	--	1	--	--	--		--	--						--	--	--	1	--	SPACE	26	--
--	27	SPACE	--	1	--	--	--				--	--				--	--	--	1	--	SPACE	28	--
--	29	SPACE	--	1	--	--	--						--	--		--	--	--	1	--	SPACE	30	--
--	31	SPACE	--	1	--	--	--		--	2.3					1.98	6	4	4	3	80 A	CCBLXT1	32	
--	33	SPACE	--	1	--	--	--				--	1.93			--	--	--	--	--	--	--	34	--
--	35	SPACE	--	1	--	--	--						--	1.67	--	--	--	--	--	--	--	36	--
--	37	SPACE	--	1	--	--	--		--	2.48					1.64	4	2	2	3	60 A	CCBLXT2	38	
--	39	SPACE	--	1	--	--	--				--	1.92			--	--	--	--	--	--	--	40	--
--	41	SPACE	--	1	--	--	--						--	1.67	--	--	--	--	--	--	--	42	--
								Total Load:	4.77 kVA		3.85 kVA		3.33 kVA										
								Total Amps:	40.45		32.79		27.78										

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Lighting	0.341 kVA	100.00%	0.341 kVA		
Power	10.36 kVA	100.00%	10.36 kVA	**TOTAL CONNECTED LOAD:**	11.96 kVA
Receptacles	1.26 kVA	100.00%	1.26 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	11.961 kVA
				TOTAL CONNECTED AMPS:	33.20 A
				TOTAL ESTIMATED DEMAND AMPS:	33.2 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

GENERAL NOTES:

SHEET NOTES:

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283

02-10-2026
EXP 09-30-2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SCHEDULES	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-EN300
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 449 of 484

VA FORM 08 - 6231

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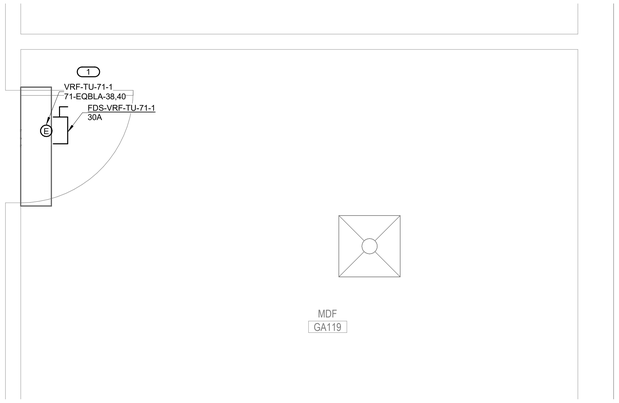

C1 ENLARGED PLAN - GROUND - TE GA119 - ELECTRICAL

1/2" = 1'-0"

GENERAL NOTES:

1. CONTRACTOR IS PERMITTED TO ADJUST LAYOUT AS NECESSARY TO ACCOMMODATE OTHER SYSTEMS AND COORDINATE WITH EXISTING DUCT WORK. GENERAL LOCATION SHALL BE MAINTAINED. DO NOT MOUNT LUMINAIRES TO THE DUCT WORK. MOUNT LUMINAIRE SUCH THAT SHADOWS ARE NOT CAST.
2. RECEPTACLES, LIGHTING AND EQUIPMENT ON THIS SHEET SHALL BE CONNECTED TO PANELBOARDS WITHIN THE IT ROOM UNLESS OTHERWISE INDICATED. SHADING INDICATES CONNECTION TO EMERGENCY/UPS PANEL.

SHEET NOTES:

1. PROVIDE 15A/2P BREAKER TO SERVE NEW HVAC UNIT.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER BRIAN JOSEPH LEAVITT No. PE090283
03.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLAN - GROUND - TE GA119	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-EN400
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 450 of 484

VA FORM 08 - 6231

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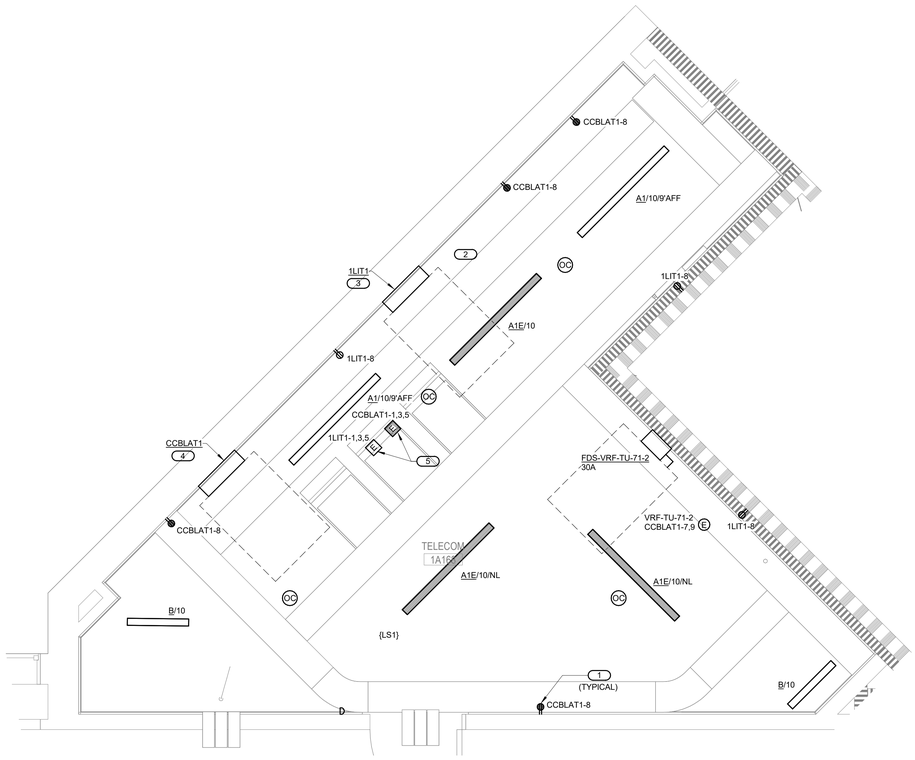
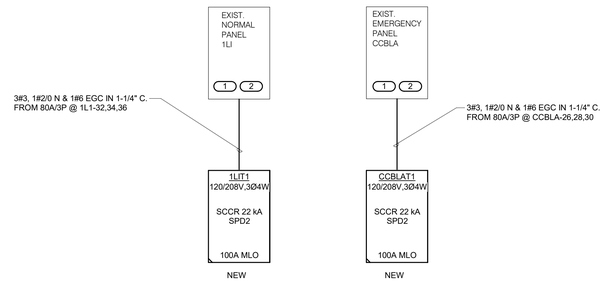


D1 ENLARGED PLAN - FIRST FLOOR - TR 1A168 - ELECTRICAL

1/2" = 1'-0"



D5 TR 1A168- PARTIAL ELECTRICAL RISER DIAGRAM

NO SCALE

RISER DIAGRAM KEYNOTES:

1. PROVIDE A 80A/3P BREAKER TO SERVE NEW PANEL.
2. RELOCATE EXISTING BREAKER & CIRCUIT TO VACANT SPARE/SPACE ON PANEL TO ACCOMODATE SUB-FEED BREAKER.

PANEL CCBLAT1

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 80 A/3P @ 71-CCBLA
LOCATION: TELECOM 1A168
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A	B	C	VD %	WIRE SIZE G	N	H	OCPD AMPS	P	LOAD DESCRIPTION	CKT NO.	KEY
	1	HARDWIRE CONNECTION (BUS B)	60 A	3	4	3	8	0.06	1.67 0				--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--		1.67 0		--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--			1.67 0	--	--	--	--	--	--	--	6	--
	7	VRF-TU-71-2	15 A	2	12	--	12	0.04	0.09 0.72			0.54	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--		0.09 0.2		0.23	12	12	12	1	20 A	LTG.	10	
--	11	SPARE	20 A	1	--	--	--				0 0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	20 A	3	--	--	--		0 0				--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--		0 0			--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--			0 0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	30 A	3	--	--	--		0 0				--	--	--	1	20 A	SPARE	20	--
--	21	--	--	--	--	--	--	--		0 0			--	--	--	1	20 A	SPARE	22	--
--	23	--	--	--	--	--	--	--			0 0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0 0				--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--			0 0			--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--				0 0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	2.48 kVA	1.96 kVA	1.67 kVA									
								Total Amps:	21.01	16.70	13.89									

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Lighting	0.202 kVA	100.00%	0.202 kVA		
Power	5.18 kVA	100.00%	5.18 kVA	**TOTAL CONNECTED LOAD:**	6.10 kVA
Receptacles	0.72 kVA	100.00%	0.72 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	6.102 kVA
				TOTAL CONNECTED AMPS:	16.94 A
				TOTAL ESTIMATED DEMAND AMPS:	16.9 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PANEL 1LIT1

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 80 A/3P @ 1LI
LOCATION: TELECOM 1A168
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A	B	C	VD %	WIRE SIZE G	N	H	OCPD AMPS	P	LOAD DESCRIPTION	CKT NO.	KEY
	1	HARDWIRE CONNECTION (BUS A)	60 A	3	4	3	8	0.06	1.67 0				--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--		1.67 0		--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--			1.67 0		--	--	--	--	--	--	6	--
--	7	SPARE	20 A	3	--	--	--		0 0.54			0.25	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--		0 0			--	--	--	1	20 A	SPARE	10	--
--	11	--	--	--	--	--	--	--			0 0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	30 A	3	--	--	--		0 0				--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--		0 0			--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--			0 0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	20 A	1	--	--	--		0 0				--	--	--	1	20 A	SPARE	20	--
--	21	SPARE	20 A	1	--	--	--			0 0			--	--	--	1	20 A	SPARE	22	--
--	23	SPARE	20 A	1	--	--	--				0 0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0 0				--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--			0 0			--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--				0 0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	2.21 kVA	1.67 kVA	1.67 kVA									
								Total Amps:	18.39	13.89	13.89									

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Power	5 kVA	100.00%	5 kVA		
Receptacles	0.54 kVA	100.00%	0.54 kVA	**TOTAL CONNECTED LOAD:**	5.54 kVA
				TOTAL ESTIMATED DEMAND LOAD:	5.54 kVA
				TOTAL CONNECTED AMPS:	15.38 A
				TOTAL ESTIMATED DEMAND AMPS:	15.4 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

GENERAL NOTES:

1. CONTRACTOR IS PERMITTED TO ADJUST LAYOUT AS NECESSARY TO ACCOMMODATE OTHER SYSTEMS AND COORDINATE WITH EXISTING DUCT WORK. GENERAL LOCATION SHALL BE MAINTAINED. DO NOT MOUNT LUMINAIRES TO THE DUCT WORK. MOUNT LUMINAIRE SUCH THAT SHADOWS ARE NOT CAST.
2. RECEPTACLES, LIGHTING AND EQUIPMENT ON THIS SHEET SHALL BE CONNECTED TO PANELBOARDS WITHIN THE IT ROOM UNLESS OTHERWISE INDICATED. SHADING INDICATES CONNECTION TO EMERGENCY/UPS PANEL.

SHEET NOTES:

1. TYPICAL 120V 20A DUPLEX RECEPTACLE.
2. SECONDARY GROUND BUSBAR PLACEMENT DETERMINED BY OTHERS.
3. SERVICE PANEL FOR A-SIDE POWER, GENERATOR BACKED IF THE FACILITY HAS GENERATION CAPABILITIES. SHAL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
4. SERVICE PANEL FOR B-SIDE POWER, GENERATOR BACKED IF POSSIBLE. SHALL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
5. PROVIDE 60 AMP 208 VOLT THREE-PHASE ELECTRICAL JUNCTION BOX FOR HARDWIRE CONNECTION; 8.5 FT AFF (WYE (5-WIRE)) COORDINATE INSTALLATION LOCATION WITH TELECOMMUNICATIONS CONTRACTOR.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
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COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE076283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLAN - FIRST FLOOR - TR 1A168	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-EN401
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 451 of 484

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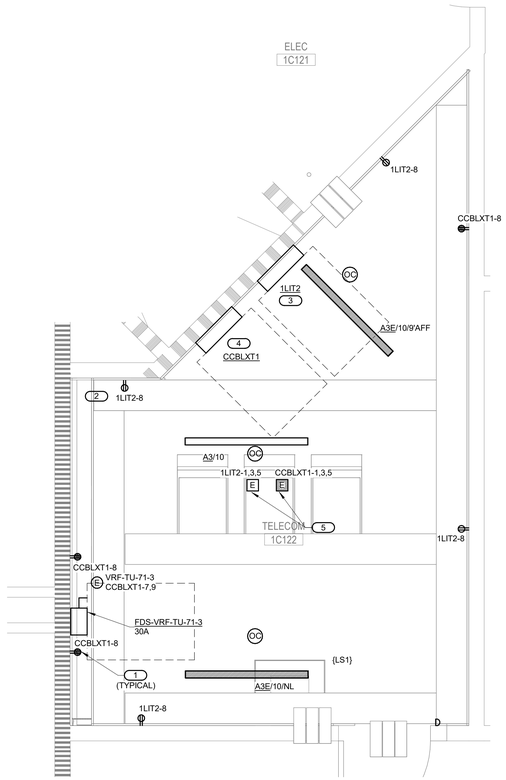
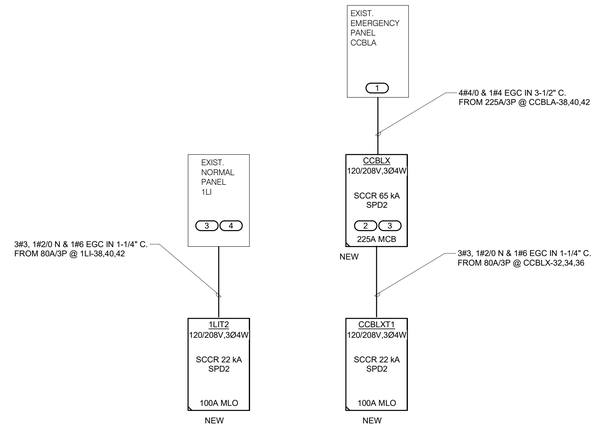


D1 ENLARGED PLAN - FIRST FLOOR - TR 1C122 - ELECTRICAL

1/2" = 1'-0"



C5 TR 1C122- PARTIAL ELECTRICAL RISER DIAGRAM

NO SCALE

RISER DIAGRAM KEYNOTES: (#)

1. REUSE EXISTING 225A/3P BREAKER TO SERVE NEW PANEL.
2. PROVIDE A NEW 42 CIRCUIT & 225A MCB PANEL
3. PROVIDE A 80A/3P BREAKER TO SERVE NEW PANEL.
4. RELOCATE EXISTING BREAKER & CIRCUIT TO VACANT SPARE/SPACE ON PANEL TO ACCOMODATE SUB-FEED BREAKER.

PANEL CCBLXT1

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 80 A/3P @ CCBLX
LOCATION: TELECOM 1C122
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A	B	C	VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	HARDWIRE CONNECTION (BUS B)	60 A	3	4	3	8	0.06	1.67 0			--	--	--	3	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--		1.67 0		--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--			1.67 0	--	--	--	--	--	--	--	6	--
	7	VRF-TU-71-3	15 A	2	12	--	12	0.05	0.09 0.54			0.41	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--		0.09 0.17		0.1	12	12	12	1	20 A	LTG.	10	
--	11	SPARE	20 A	1	--	--	--				0 0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	20 A	3	--	--	--		0 0				--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--		0 0			--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--			0 0	--	--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	30 A	3	--	--	--		0 0				--	--	--	1	20 A	SPARE	20	--
--	21	--	--	--	--	--	--	--		0 0			--	--	--	1	20 A	SPARE	22	--
--	23	--	--	--	--	--	--	--			0 0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0 0				--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--			0 0			--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--				0 0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	2.30 kVA	1.93 kVA	1.67 kVA									
								Total Amps:	19.48	16.42	13.89									

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Lighting	0.173 kVA	100.00%	0.173 kVA		
Power	5.18 kVA	100.00%	5.18 kVA	**TOTAL CONNECTED LOAD:**	5.89 kVA
Receptacles	0.54 kVA	100.00%	0.54 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	5.893 kVA
				TOTAL CONNECTED AMPS:	16.36 A
				TOTAL ESTIMATED DEMAND AMPS:	16.4 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PANEL 1LIT2

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 80 A/3P @ 1LI
LOCATION: TELECOM 1C122
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A	B	C	VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	HARDWIRE CONNECTION (BUS A)	60 A	3	4	3	8	0.06	1.67 0			--	--	--	3	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--		1.67 0		--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--			1.67 0	--	--	--	--	--	--	--	6	--
--	7	SPARE	20 A	3	--	--	--		0 0.72			0.57	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--		0 0			--	--	--	1	20 A	SPARE	10	--
--	11	--	--	--	--	--	--	--			0 0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	30 A	3	--	--	--		0 0				--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--		0 0			--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--			0 0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	20 A	1	--	--	--		0 0				--	--	--	1	20 A	SPARE	20	--
--	21	SPARE	20 A	1	--	--	--			0 0			--	--	--	1	20 A	SPARE	22	--
--	23	SPARE	20 A	1	--	--	--				0 0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0 0				--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--			0 0			--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--				0 0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	2.39 kVA	1.67 kVA	1.67 kVA									
								Total Amps:	19.89	13.89	13.89									

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Power	5 kVA	100.00%	5 kVA		
Receptacles	0.72 kVA	100.00%	0.72 kVA	**TOTAL CONNECTED LOAD:**	5.72 kVA
				TOTAL ESTIMATED DEMAND LOAD:	5.72 kVA
				TOTAL CONNECTED AMPS:	15.88 A
				TOTAL ESTIMATED DEMAND AMPS:	15.9 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

GENERAL NOTES:

1. CONTRACTOR IS PERMITTED TO ADJUST LAYOUT AS NECESSARY TO ACCOMMODATE OTHER SYSTEMS AND COORDINATE WITH EXISTING DUCT WORK. GENERAL LOCATION SHALL BE MAINTAINED. DO NOT MOUNT LUMINAIRES TO THE DUCT WORK. MOUNT LUMINAIRE SUCH THAT SHADOWS ARE NOT CAST.
2. RECEPTACLES, LIGHTING AND EQUIPMENT ON THIS SHEET SHALL BE CONNECTED TO PANELBOARDS WITHIN THE IT ROOM UNLESS OTHERWISE INDICATED. SHADING INDICATES CONNECTION TO EMERGENCY/UPS PANEL.

SHEET NOTES:

1. TYPICAL 120V 20A DUPLEX RECEPTACLE.
2. SECONDARY GROUND BUSBAR PLACEMENT DETERMINED BY OTHERS.
3. SERVICE PANEL FOR A-SIDE POWER, GENERATOR BACKED IF THE FACILITY HAS GENERATION CAPABILITIES. SHAL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
4. SERVICE PANEL FOR B-SIDE POWER, GENERATOR BACKED IF POSSIBLE. SHALL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
5. PROVIDE 60 AMP 208 VOLT ELECTRICAL JUNCTION BOX FOR HARDWARE CONNECTION; 8.5 FT AFF (WYE (5-WIRE)) COORDINATE INSTALLATION LOCATION WITH TELECOMMUNICATIONS CONTRACTOR.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

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STAMP
COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLAN - FIRST FLOOR - TR 1C122

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215

Issue Date: 06.27.2025
Checked: EZ
Drawn: JF

Project Number: 646A4-22-700
Building Number: 71
Drawing Number: 71-EN402
SHEET 452 of 484

VA FORM 08 - 6231

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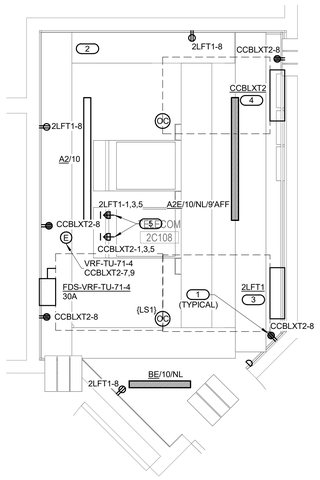
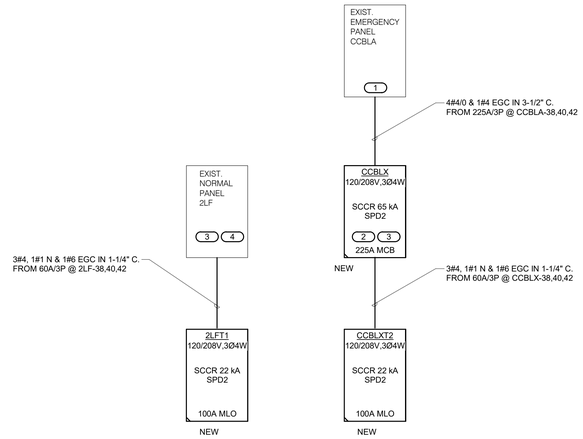


C2 ENLARGED PLAN - SECOND FLOOR - TR 2C108 - ELECTRICAL

1/2" = 1'-0"



C5 TR 2C108- PARTIAL ELECTRICAL RISER DIAGRAM

NO SCALE

RISER DIAGRAM KEYNOTES: (#)

1. REUSE EXISTING 225A/3P BREAKER TO SERVE NEW PANEL.
2. PROVIDE A NEW 42 CIRCUIT & 225A MCB PANEL.
3. PROVIDE A 60A/3P BREAKER TO SERVE NEW PANEL.
4. RELOCATE EXISTING BREAKER & CIRCUIT TO VACANT SPARE/SPACE ON PANEL TO ACCOMODATE SUB-FEED BREAKER.

PANEL CCBLXT2

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ CCBLX
LOCATION: STORAGE 1B115A
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A		B		C		VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS B)	30 A	3	10	8	10	0.3	1.67	0						--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--			1.67	0			--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--					1.67	0	--	--	--	--	--	--	--	6	--
	7	VRF-TU-71-4	15 A	2	12	--	12	0.03	0.09	0.72					0.28	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--			0.09	0.17			0.11	12	12	12	1	20 A	LTG.	10	
--	11	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	20 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	30 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	22	--
--	23	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	2.48 kVA		1.92 kVA		1.67 kVA										
								Total Amps:	20.97		16.37		13.89										

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Lighting	0.168 kVA	100.00%	0.168 kVA		
Power	5.18 kVA	100.00%	5.18 kVA	**TOTAL CONNECTED LOAD:**	6.07 kVA
Receptacles	0.72 kVA	100.00%	0.72 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	6.068 kVA
				TOTAL CONNECTED AMPS:	16.84 A
				TOTAL ESTIMATED DEMAND AMPS:	16.8 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PANEL 2LFT1

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ 2LF
LOCATION: PROSTETICS LAB 1B115
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A		B		C		VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS A)	30 A	3	10	8	10	0.27	1.67	0						--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--			1.67	0				--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--					1.67	0		--	--	--	--	--	--	6	--
--	7	SPARE	20 A	3	--	--	--		0	0.54					0.29	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	10	--
--	11	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	30 A	3	--	--	--		0	0						--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			0	0				--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	20	--
--	21	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	22	--
--	23	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0						--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0				--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	2.21 kVA		1.67 kVA		1.67 kVA										
								Total Amps:	18.39		13.89		13.89										

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Power	5 kVA	100.00%	5 kVA		
Receptacles	0.54 kVA	100.00%	0.54 kVA	**TOTAL CONNECTED LOAD:**	5.54 kVA
				TOTAL ESTIMATED DEMAND LOAD:	5.54 kVA
				TOTAL CONNECTED AMPS:	15.38 A
				TOTAL ESTIMATED DEMAND AMPS:	15.4 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

GENERAL NOTES:

1. CONTRACTOR IS PERMITTED TO ADJUST LAYOUT AS NECESSARY TO ACCOMMODATE OTHER SYSTEMS AND COORDINATE WITH EXISTING DUCT WORK. GENERAL LOCATION SHALL BE MAINTAINED. DO NOT MOUNT LUMINAIRES TO THE DUCT WORK. MOUNT LUMINAIRE SUCH THAT SHADOWS ARE NOT CAST.
2. RECEPTACLES, LIGHTING AND EQUIPMENT ON THIS SHEET SHALL BE CONNECTED TO PANELBOARDS WITHIN THE IT ROOM UNLESS OTHERWISE INDICATED. SHADING INDICATES CONNECTION TO EMERGENCY/UPS PANEL.

SHEET NOTES:

1. TYPICAL 120V 20A DUPLEX RECEPTACLE.
2. SECONDARY GROUND BUSBAR PLACEMENT DETERMINED BY OTHERS.
3. SERVICE PANEL FOR A-SIDE POWER, GENERATOR BACKED IF THE FACILITY HAS GENERATION CAPABILITIES. SHAL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
4. SERVICE PANEL FOR B-SIDE POWER, GENERATOR BACKED IF POSSIBLE. SHALL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
5. PROVIDE 30 AMP 208 VOLT THREE-PHASE TWIST LOCK RECEPTACLE (L21-30R); 8.5 FT AFF (WYE (5-WIRE)) COORDINATE INSTALLATION LOCATION WITH TELECOMMUNICATIONS CONTRACTOR.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

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COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
03-10-2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLAN - SECOND FLOOR - TR 2C108	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-EN403
		Issue Date: 06.27.2025 / Checked: EZ / Drawn: JF	SHEET 453 of 484

VA FORM 08 - 6231

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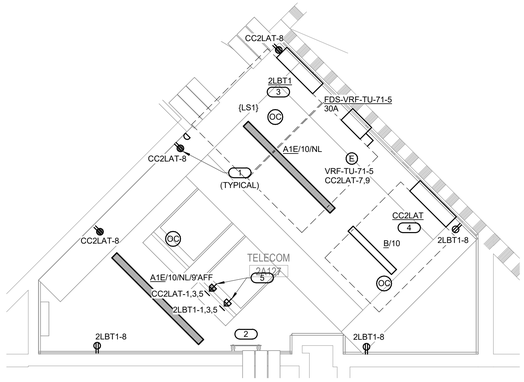
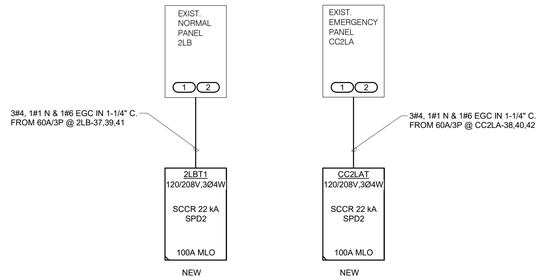


C1 ENLARGED PLAN - SECOND FLOOR - TR 2A127 - ELECTRICAL

1/2" = 1'-0"



C5 TR 2A127- PARTIAL ELECTRICAL RISER DIAGRAM

NO SCALE

RISER DIAGRAM KEYNOTES: (#)

1. PROVIDE A 60A/3P BREAKER TO SERVE NEW PANEL.
2. RELOCATE EXISTING BREAKER & CIRCUIT TO VACANT SPARE/SPACE ON PANEL TO ACCOMODATE SUB-FEED BREAKER.

GENERAL NOTES:

1. CONTRACTOR IS PERMITTED TO ADJUST LAYOUT AS NECESSARY TO ACCOMMODATE OTHER SYSTEMS AND COORDINATE WITH EXISTING DUCT WORK. GENERAL LOCATION SHALL BE MAINTAINED. DO NOT MOUNT LUMINAIRES TO THE DUCT WORK. MOUNT LUMINAIRE SUCH THAT SHADOWS ARE NOT CAST.
2. RECEPTACLES, LIGHTING AND EQUIPMENT ON THIS SHEET SHALL BE CONNECTED TO PANELBOARDS WITHIN THE IT ROOM UNLESS OTHERWISE INDICATED. SHADING INDICATES CONNECTION TO EMERGENCY/UPS PANEL.

SHEET NOTES:

1. TYPICAL 120V 20A DUPLEX RECEPTACLE.
2. SECONDARY GROUND BUSBAR PLACEMENT DETERMINED BY OTHERS.
3. SERVICE PANEL FOR A-SIDE POWER, GENERATOR BACKED IF THE FACILITY HAS GENERATION CAPABILITIES. SHAL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
4. SERVICE PANEL FOR B-SIDE POWER, GENERATOR BACKED IF POSSIBLE. SHALL BE EQUIPPED WITH POWER METER; PLACEMENT PER OTHERS.
5. PROVIDE 30 AMP 208 VOLT THREE-PHASE TWIST LOCK RECEPTACLE (L21-30R); 8.5 FT AFF (WYE (5-WIRE)) COORDINATE INSTALLATION LOCATION WITH TELECOMMUNICATIONS CONTRACTOR.
6. INDOOR UNIT IS POWERED FROM ASSOCIATED OUTDOOR UNIT. ROUTE CIRCUIT VIA MANUAL SWITCH. PROVIDE RECEPTACLE ADJACENT TO UNIT FOR POWER TO CONDENSATE PUMP, CIRCUIT AS SHOWN.

PANEL CC2LAT

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ CC2LA
LOCATION: TELECOM 1A168
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A	B	C	VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS B)	30 A	3	10	8	10	0.31	1.67	0			--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--		1.67	0		--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--			1.67	0	--	--	--	--	--	--	6	--
--	7	VRF-TU-71-5	15 A	2	12	--	12	0.02	0.09	0.54			0.25	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--			0.09	0.09	0.05	12	12	12	1	20 A	LTG.	10	
--	11	SPARE	20 A	1	--	--	--							--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	20 A	3	--	--	--		0	0				--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			0	0		--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	30 A	3	--	--	--		0	0				--	--	--	1	20 A	SPARE	20	--
--	21	--	--	--	--	--	--	--			0	0		--	--	--	1	20 A	SPARE	22	--
--	23	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0				--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0		--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	2.30 kVA		1.84 kVA		1.67 kVA							
								Total Amps:	19.36		15.58		13.89							

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Lighting	0.086 kVA	100.00%	0.086 kVA		
Power	5.18 kVA	100.00%	5.18 kVA	**TOTAL CONNECTED LOAD:**	5.81 kVA
Receptacles	0.54 kVA	100.00%	0.54 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	5.806 kVA
				TOTAL CONNECTED AMPS:	16.11 A
				TOTAL ESTIMATED DEMAND AMPS:	16.1 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PANEL 2LBT1

MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: 60 A/3P @ 2LB
LOCATION: TELECOM 1A168
SPD: SPD2

SINGLE TUB
SOLID NEUTRAL
GROUND BUS

MAIN: 100 A MLO
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 22 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	VD %	A	B	C	VD %	WIRE SIZE G	N	H	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	RCPT L21-30R RACK (BUS A)	30 A	3	10	8	10	0.31	1.67	0			--	--	--	3	30 A	SPD2(WIRE SIZED PER MFR)	2	--
--	3	--	--	--	--	--	--	--		1.67	0		--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--			1.67	0	--	--	--	--	--	--	6	--
--	7	SPARE	20 A	3	--	--	--		0	0.54			0.27	12	12	12	1	20 A	RCPT.	8	
--	9	--	--	--	--	--	--	--			0	0		--	--	--	1	20 A	SPARE	10	--
--	11	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	12	--
--	13	SPARE	30 A	3	--	--	--		0	0				--	--	--	1	20 A	SPARE	14	--
--	15	--	--	--	--	--	--	--			0	0		--	--	--	1	20 A	SPARE	16	--
--	17	--	--	--	--	--	--	--					0	0		--	--	--	1	20 A	SPARE	18	--
--	19	SPARE	20 A	1	--	--	--		0	0				--	--	--	1	20 A	SPARE	20	--
--	21	SPARE	20 A	1	--	--	--				0	0		--	--	--	1	20 A	SPARE	22	--
--	23	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--		0	0				--	--	--	1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--				0	0		--	--	--	1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--						0	0		--	--	--	1	20 A	SPARE	30	--
								Total Load:	2.21 kVA		1.67 kVA		1.67 kVA							
								Total Amps:	18.39		13.89		13.89							

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Power	5 kVA	100.00%	5 kVA		
Receptacles	0.54 kVA	100.00%	0.54 kVA	**TOTAL CONNECTED LOAD:**	5.54 kVA
				TOTAL ESTIMATED DEMAND LOAD:	5.54 kVA
				TOTAL CONNECTED AMPS:	15.38 A
				TOTAL ESTIMATED DEMAND AMPS:	15.4 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

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BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
02-10-2026
EXP 09-30-2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLAN - SECOND FLOOR - TR 2A127

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215

Issue Date: 06.27.2025
Checked: EZ
Drawn: JF

Project Number: 646A4-22-700
Building Number: 71
Drawing Number: 71-EN404
SHEET 454 of 484

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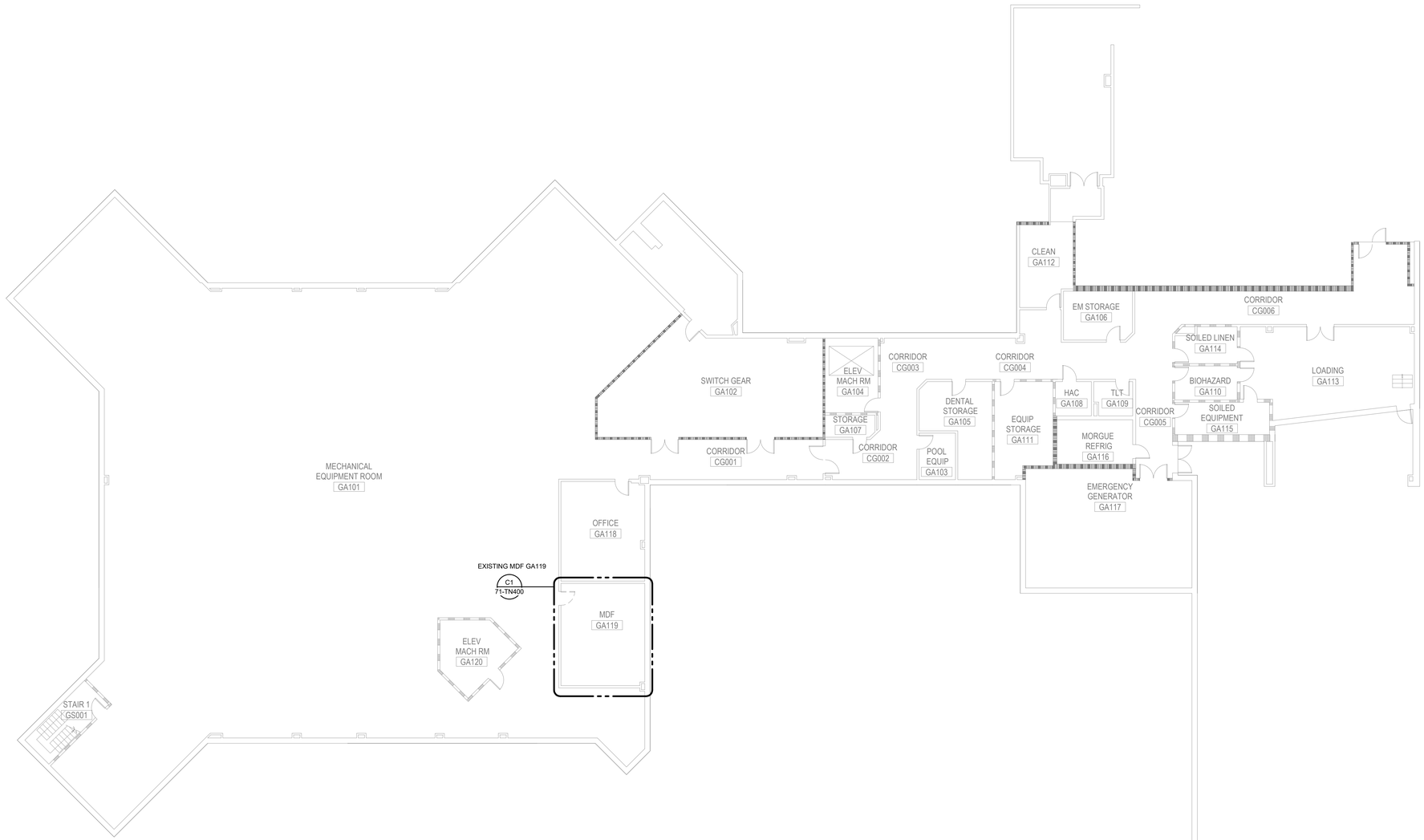
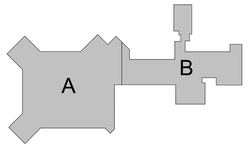


GENERAL NOTES:

1. ALL TELECOMMUNICATIONS ROOMS SHOWN ON THIS SHEET ARE EXISTING ROOMS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

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No. PE082283
03.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL GROUND FLOOR DEMOLITION PLAN - TECHNOLOGY	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD., PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 71-TD100
			SHEET 455 of 484

VA FORM 08 - 6231

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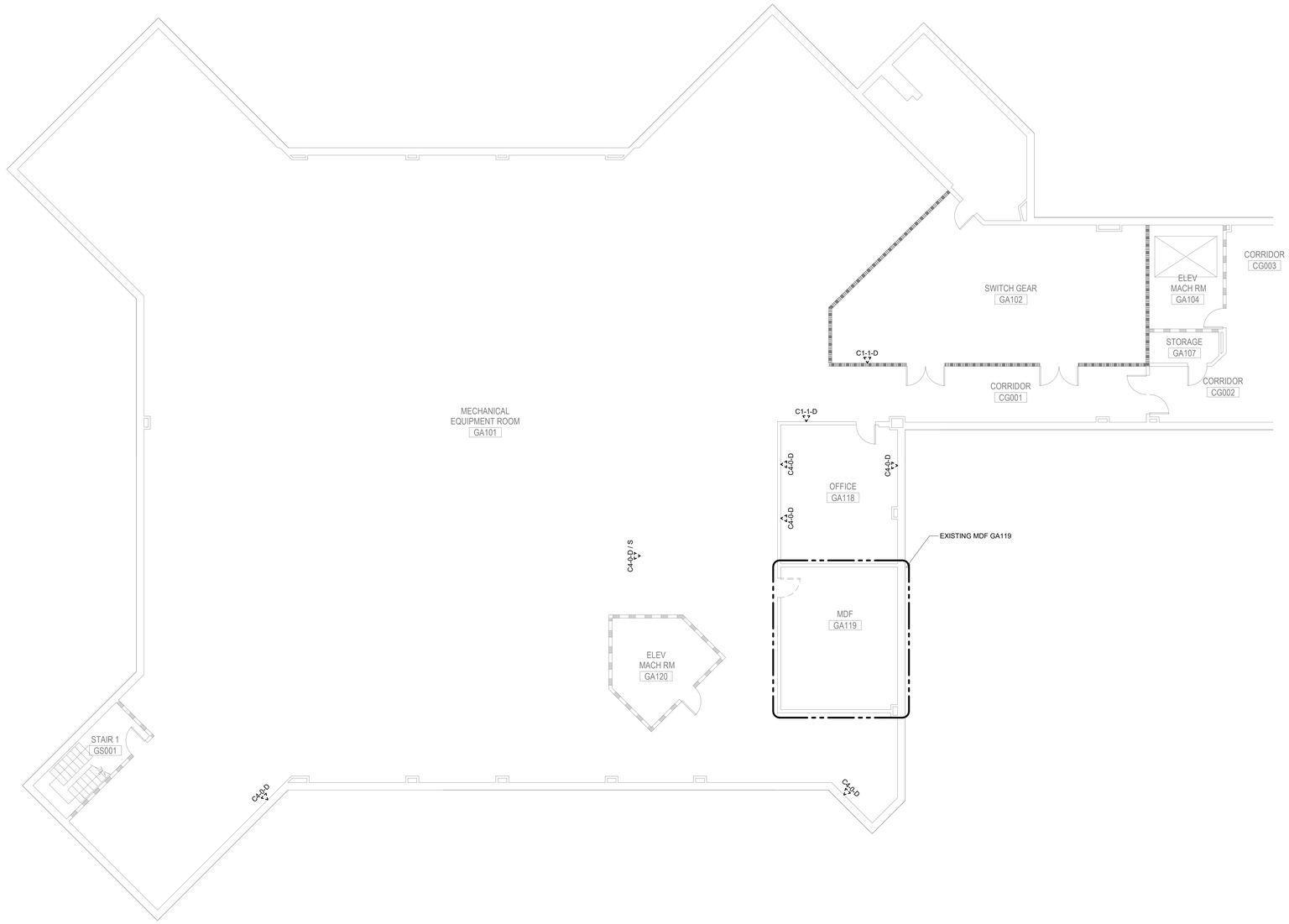
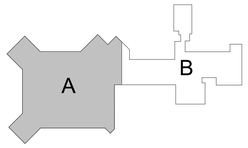


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TN100A FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20
SCALE FEET

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No. PE082021
03.16.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GROUND FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA A	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TD100A
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 456 of 484

VA FORM 08 - 6231

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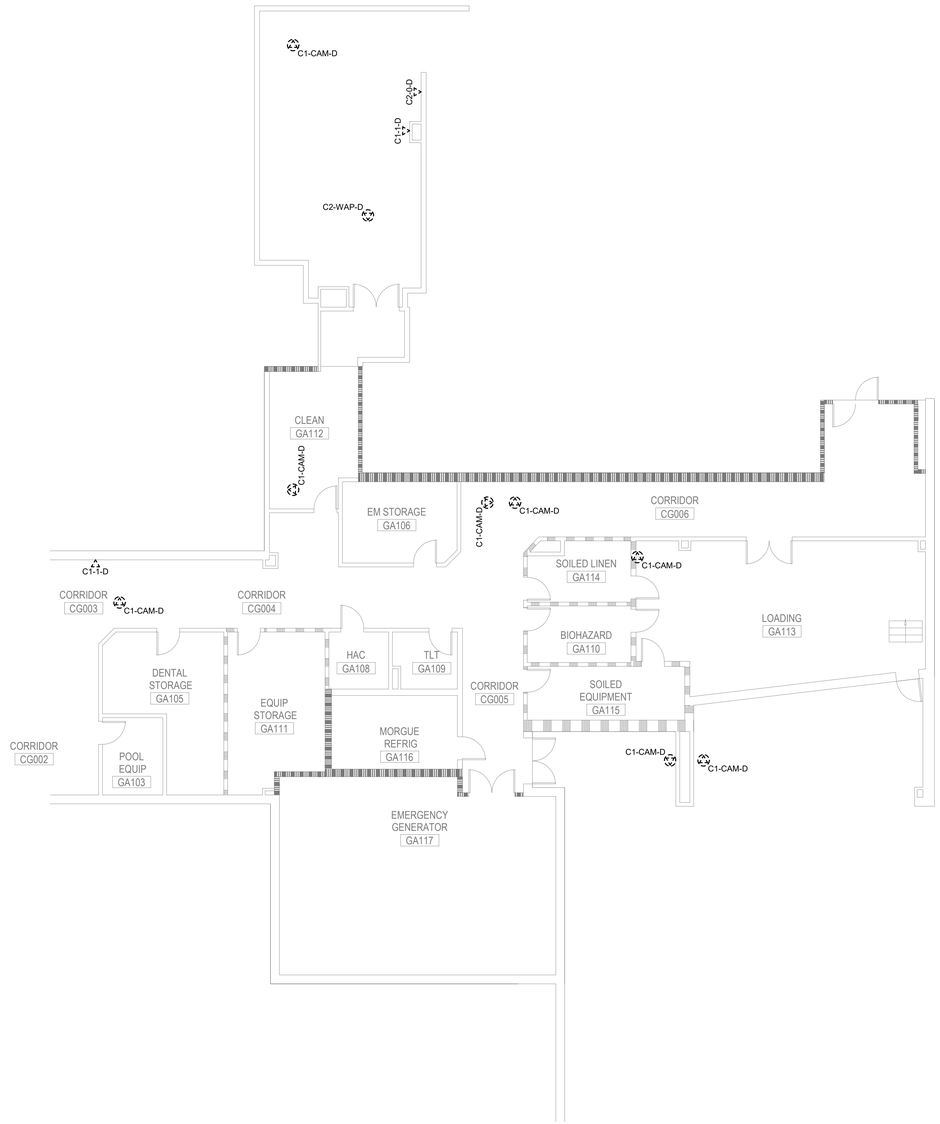
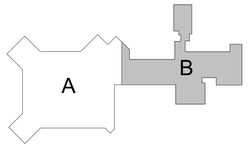


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TN100B FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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SCALE FEET

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No. PE090283
03.19.2026
EXP 09.30.2027

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
GROUND FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA B	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 71-TD100B SHEET 457 of 484

VA FORM 08 - 6231

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GENERAL NOTES:

1. ALL TELECOMMUNICATIONS ROOMS SHOWN ON THIS SHEET ARE EXISTING ROOMS.

PARTITION LEGEND

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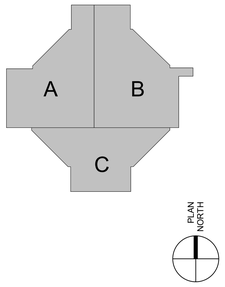
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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ENGINEER
No. PE090283
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Drawing Title: OVERALL FIRST FLOOR DEMOLITION PLAN - TECHNOLOGY

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Project Number: 646A4-22-700

Building Number: 71

Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215

Issue Date: 06.27.2025 | Checked: DAVLAR | Drawn: BLARAT

Drawing Number: 71-TD101

SHEET 458 of 484

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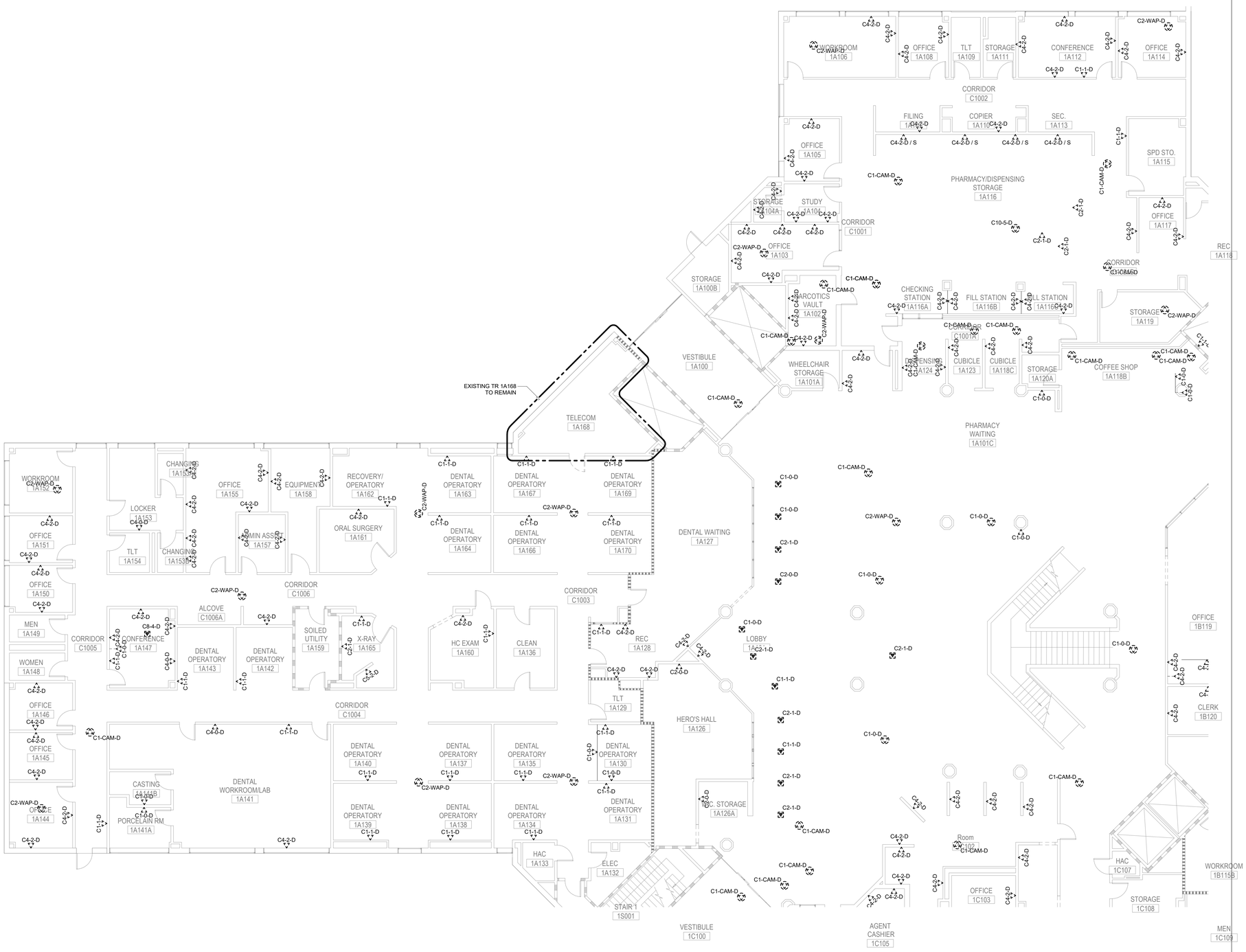
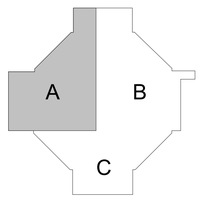


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TN101A FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 71-TD101A
			SHEET 459 of 484

VA FORM 08 - 6231

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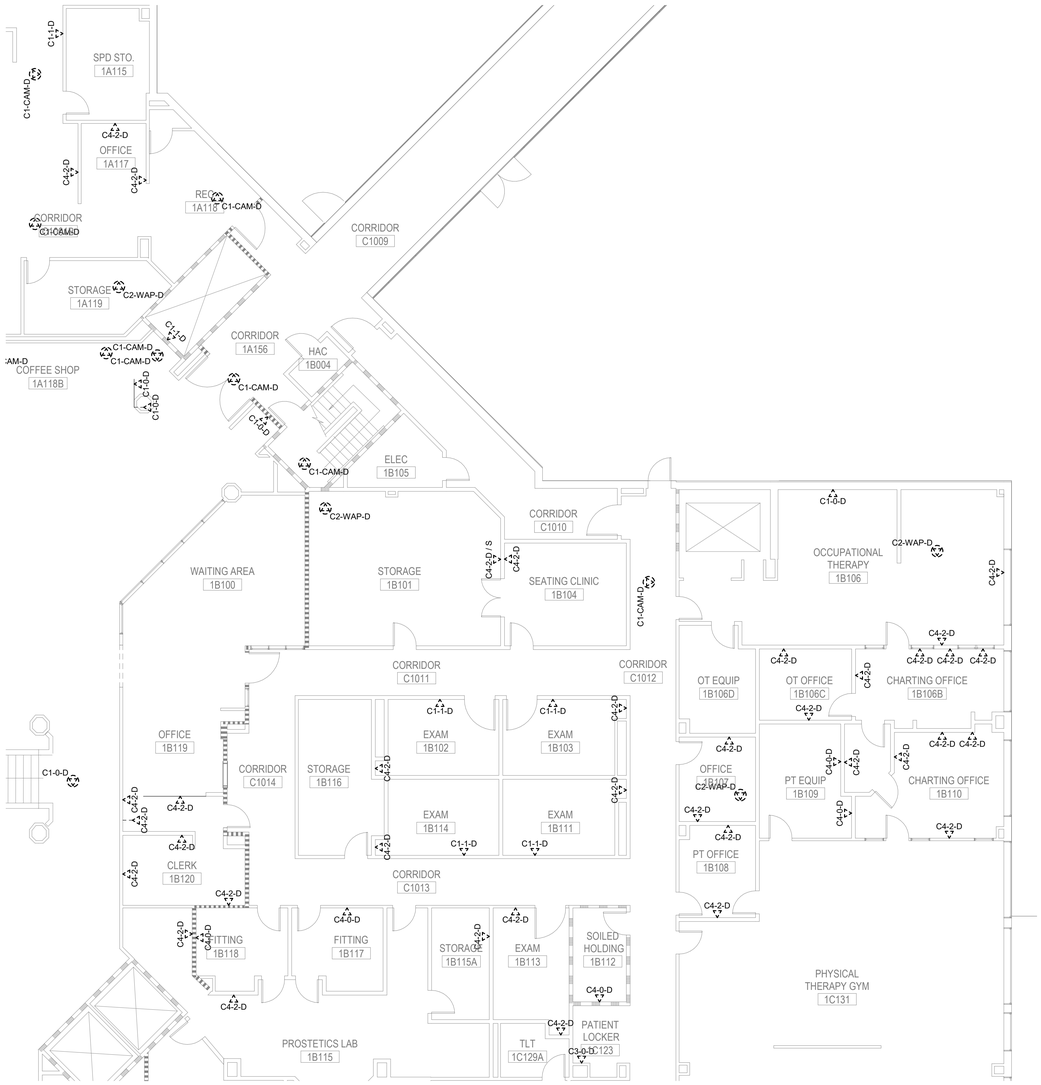
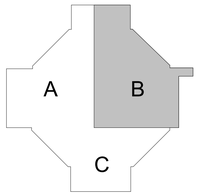


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TN101B FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

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Reg. PE082021
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Exp 09.30.2027

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA B	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Building Number: 71	
		Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TD101B
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 460 of 484

VA FORM 08 - 6231

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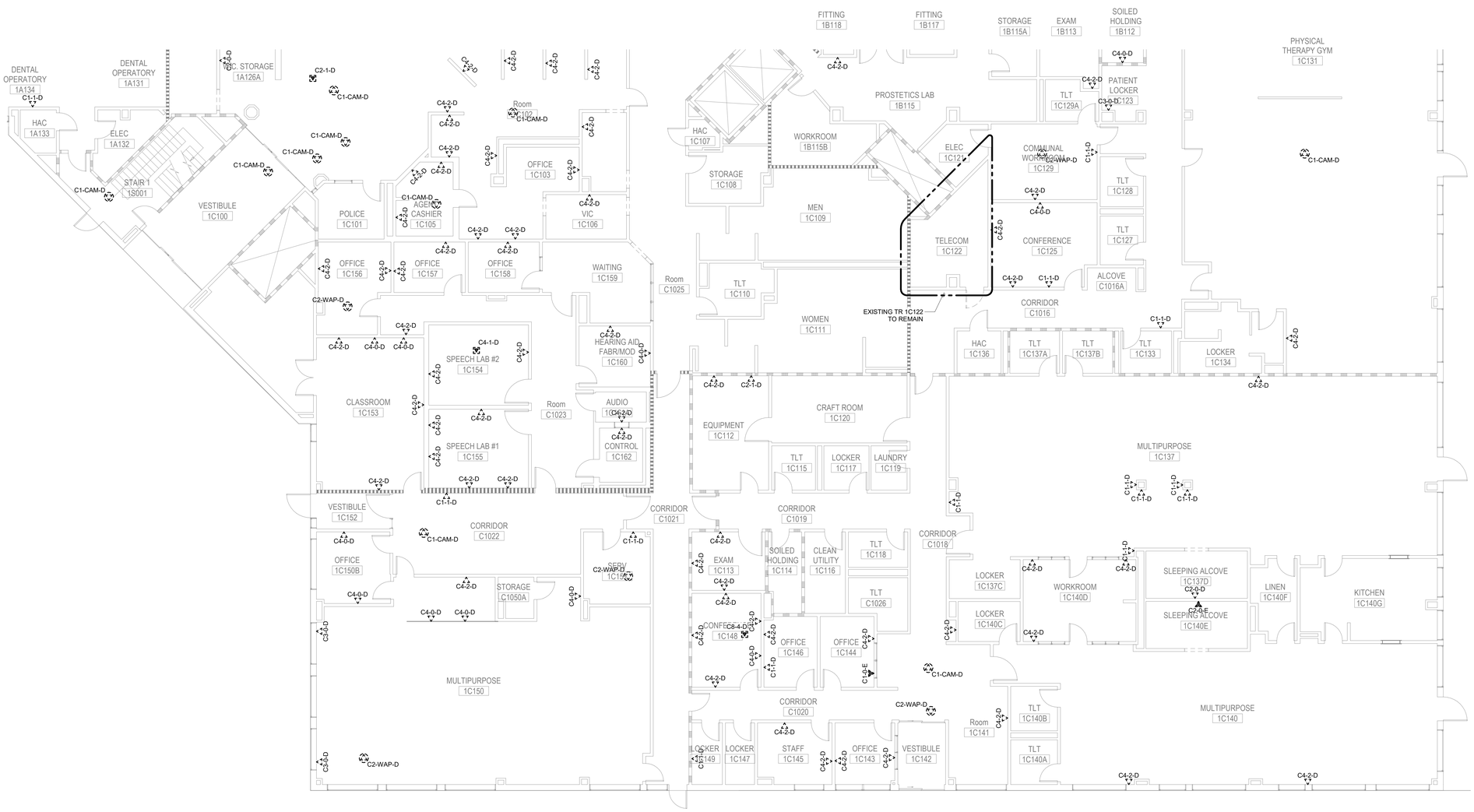
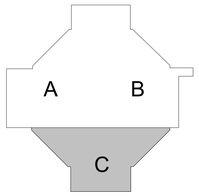


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TN101C FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA C	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 71-TD101C SHEET 461 of 484

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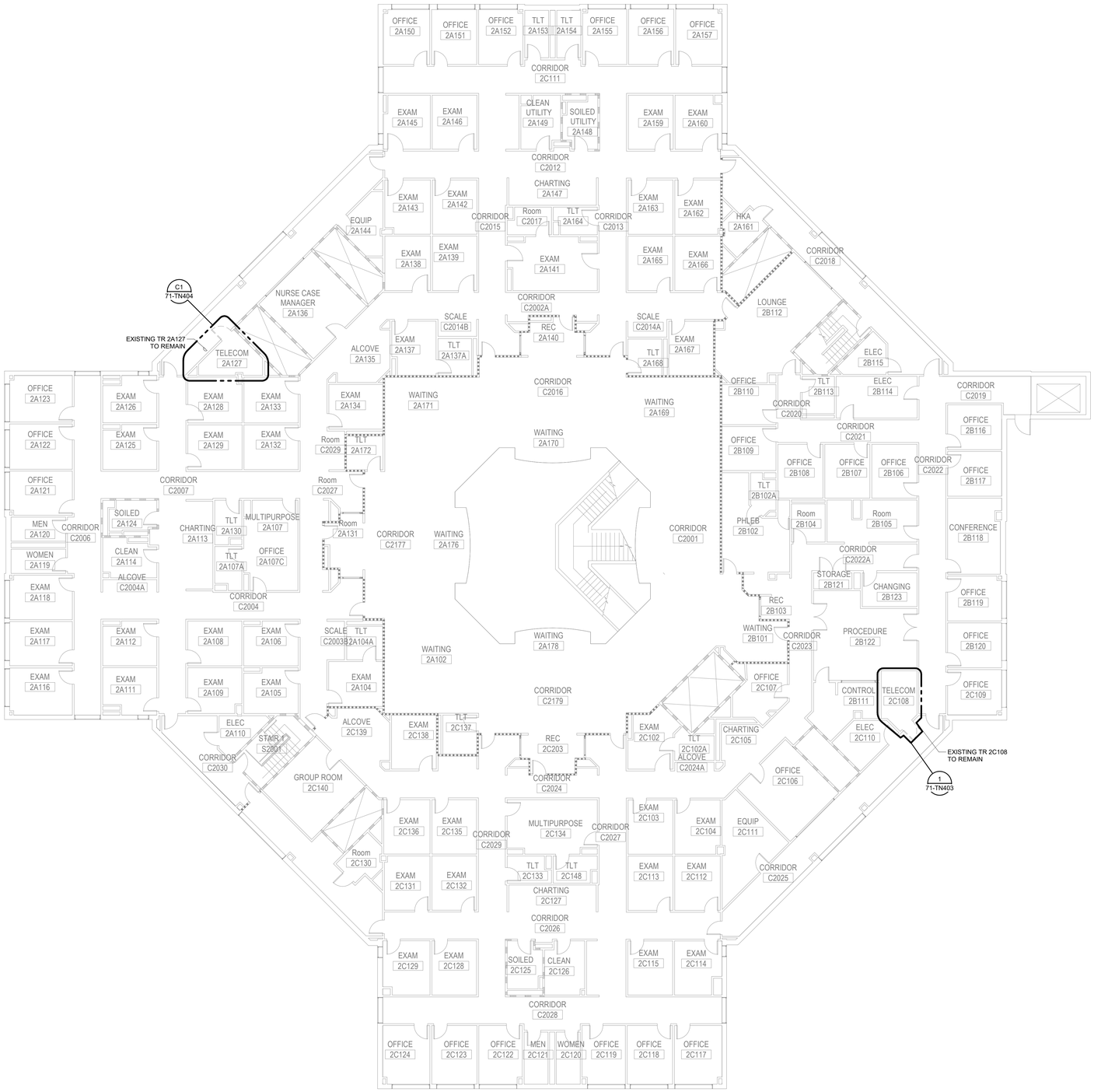
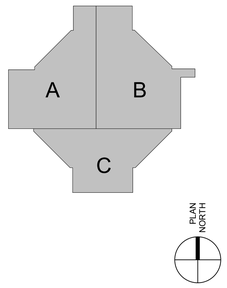


GENERAL NOTES:

1. ALL TELECOMMUNICATIONS ROOMS SHOWN ON THIS SHEET ARE EXISTING ROOMS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



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BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
02.10.2026
EXP 09.30.2027

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OVERALL SECOND FLOOR DEMOLITION PLAN - TECHNOLOGY	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Building Number: 71	
		Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TD102
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 462 of 484

VA FORM 08 - 6231

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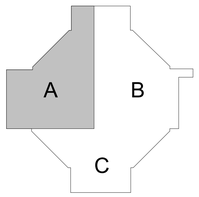
GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TN102A FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" SCALE 5 0 5 10 15 20 FEET

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No. PE090283
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 71-TD102A
			SHEET 463 of 484

VA FORM 08 - 6231

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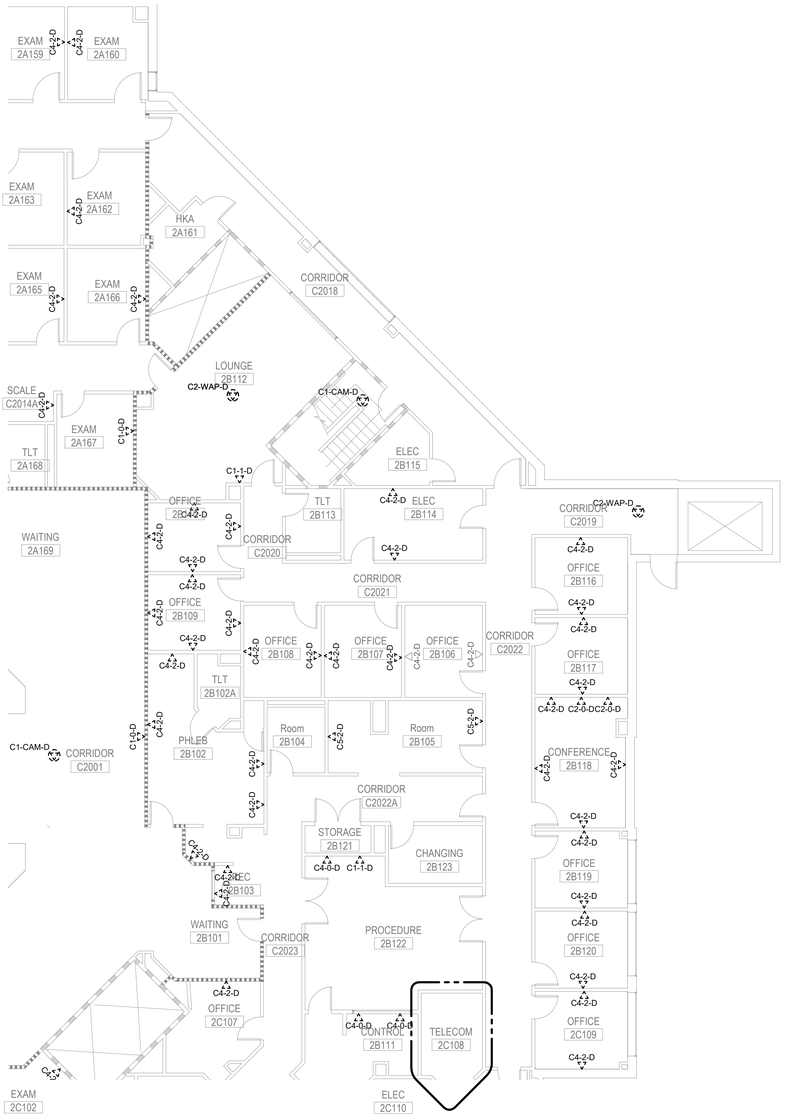
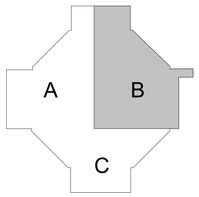


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TN102B FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

Revisions:	Date:

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REGISTERED PROFESSIONAL ENGINEER
BRIAN JOSEPH LEAVITT
No. PE076283
03.16.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA B	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TD102B
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 464 of 484

VA FORM 08 - 6231

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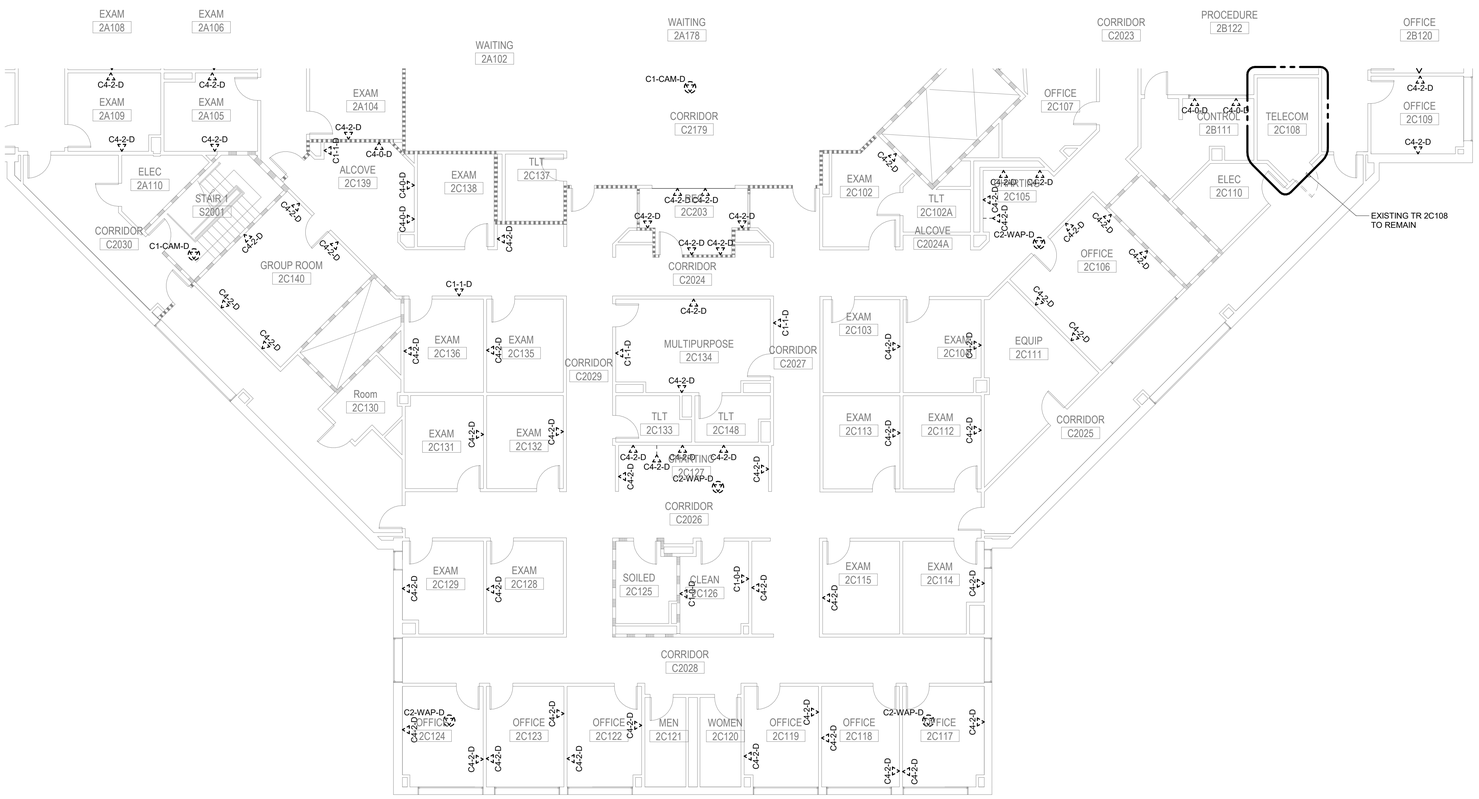
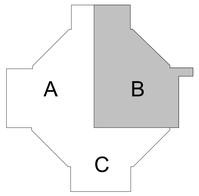


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TN102C FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

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REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR DEMOLITION PLAN - TECHNOLOGY - AREA C

Approved:

Phase: FINAL BID DOCUMENTS

FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS

Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215

Issue Date: 06.27.2025 | Checked: DAVLAR | Drawn: BLARAT

Project Number: 646A4-22-700

Building Number: 71

Drawing Number: 71-TD102C

SHEET 465 of 484

VA FORM 08 - 6231

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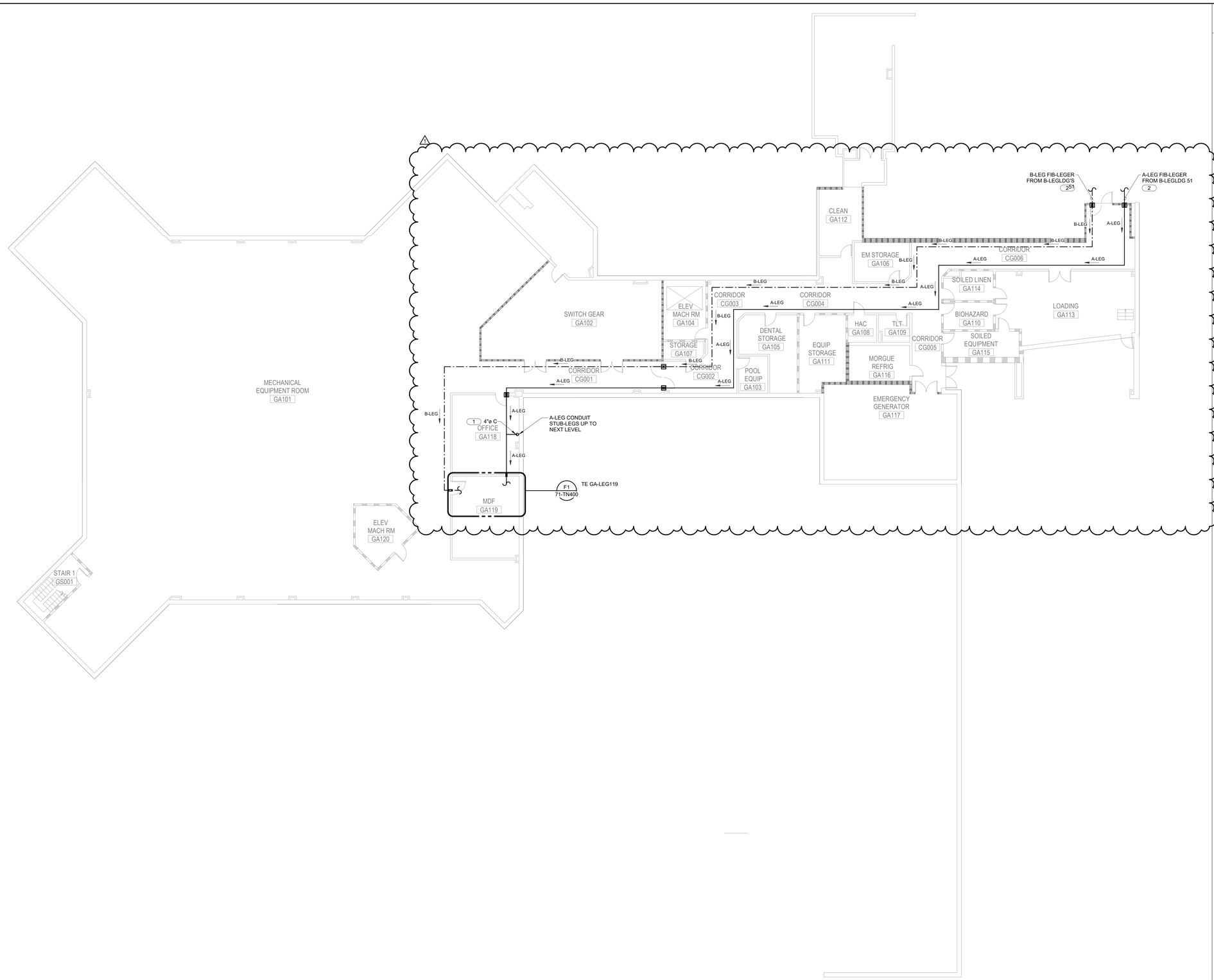


GENERAL NOTES:

1. ALL CALLED OUT REGIONS ARE PROPOSED FUTURE TR/TE LOCATIONS OR EXISTING TR/TE LOCATIONS TO BE EXPANDED.
2. ROUTE ALL STRUCTURED CABLING ON THIS LEVEL TO TE GA119.
3. THE FIBER OPTIC CABLING ON THIS DRAWINGS DO NOT REPRESENT QUANTITY OR TYPE AND ARE ONLY MEANT TO CONVEY PATHWAY. REFER TO THE OVERALL FIBER OPTIC RISER DIAGRAM ON SHEET 00-TG600 AND THE FIBER OPTIC RISER DIAGRAMS ON SHEETS 00-TG601, 00-TG602, AND 00-TG603 FOR FIBER OPTIC CABLE ROUTING AND QUANTITIES AND ADDITIONAL INFORMATION.

SHEET NOTES:

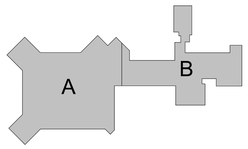
1. PROVIDE AND INSTALL ONE (1) 4" CONDUIT FROM THE CEILING SPACE OF THE LOCATION INDICATED TO THE ROOM ABOVE FOR FIBER DISTRIBUTION. REFER THE FIBER ROUTING PATHWAY DIAGRAM ON 00-TG601 FOR ADDITIONAL INFORMATION.
2. REFER TO TECHNOLOGY SITE PLAN ON 00-TS101 FOR CONDUIT SIZING, QUANTITIES, ROUTING INFORMATION, AND ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

LINETYPE LEGEND:

- B-LEG FIBER PATHWAY
- A-LEG FIBER PATHWAY



PLAN NORTH

Addendum 1	01/19/2026
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Exp 09.30.2027

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Drawing Title: OVERALL GROUND FLOOR PLAN - TECHNOLOGY	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TN100
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 466 of 484

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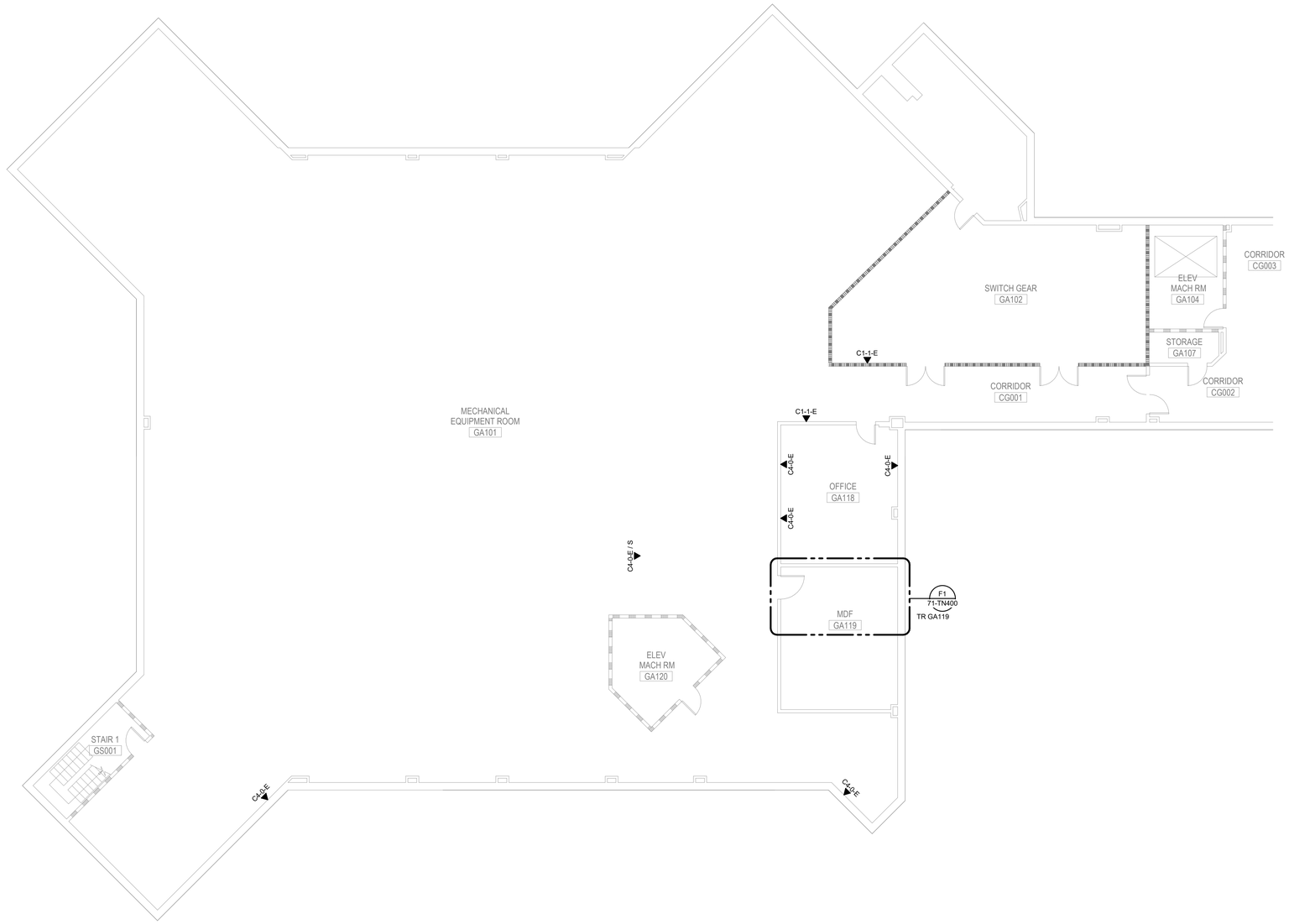
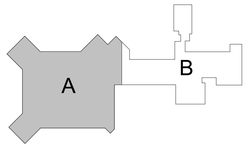


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TD100A FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20 SCALE FEET

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BRIAN JOSEPH LEAVITT
ENGINEER
Reg. PE082021
03.16.2026
Exp 09.30.2027

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
GROUND FLOOR PLAN - TECHNOLOGY - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TN100A
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 467 of 484

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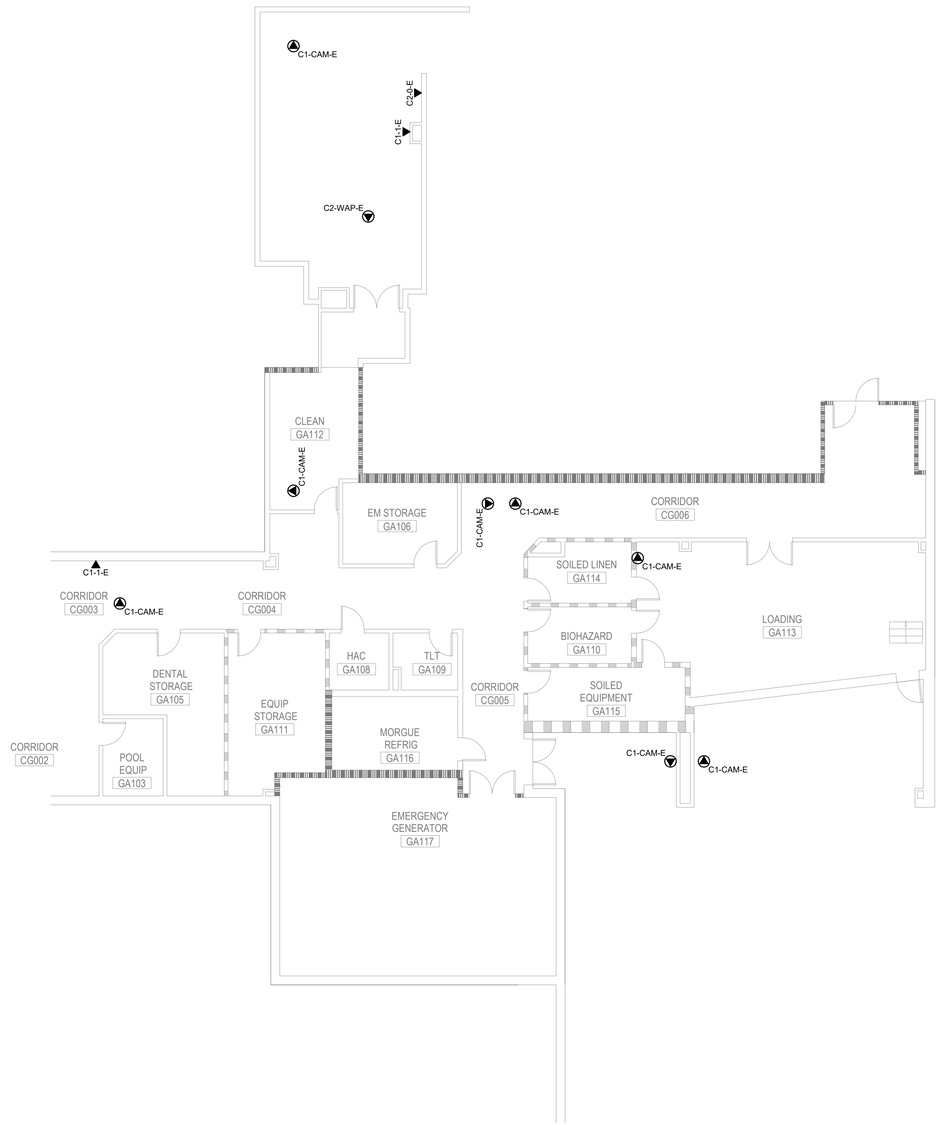
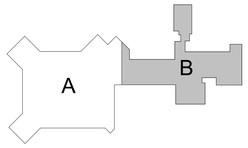


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TD100B FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



1/8" = 1'-0" 5 0 5 10 15 20
SCALE FEET

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03.19.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GROUND FLOOR PLAN - TECHNOLOGY - AREA B	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TN100B
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 468 of 484

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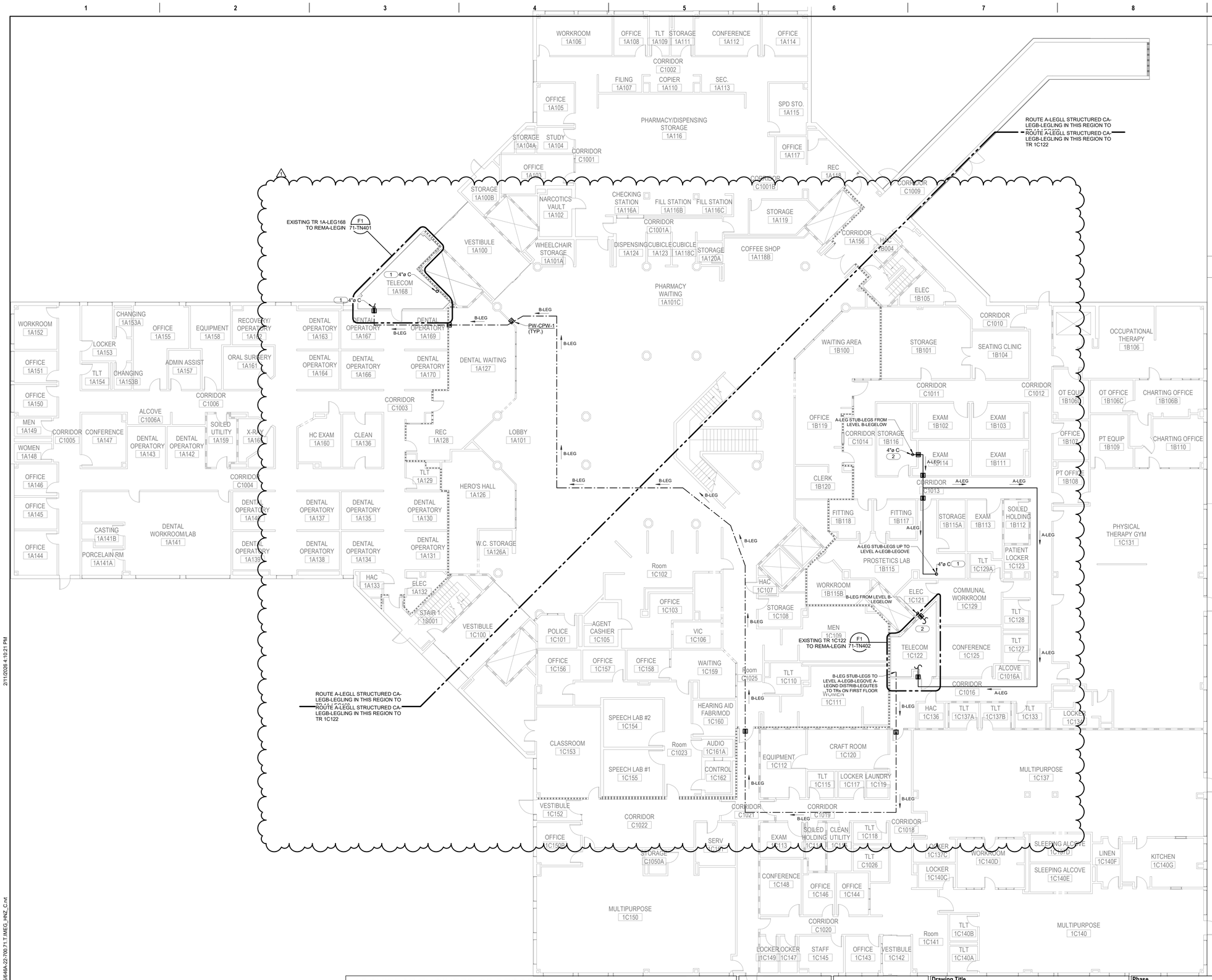

GENERAL NOTES:

1. ALL CALLED OUT REGIONS ARE PROPOSED FUTURE TR/TE LOCATIONS OR EXISTING TR/TE LOCATIONS TO BE EXPANDED.
2. REFER TO CABLE ROUTING LINES FOR ROUTING OF STRUCTURED CABLING.
3. THE FIBER OPTIC CABLING ON THIS DRAWINGS DO NOT REPRESENT QUANTITY OR TYPE AND ARE ONLY MEANT TO CONVEY PATHWAY. REFER TO THE OVERALL FIBER OPTIC RISER DIAGRAM ON SHEET 00-TG600 AND THE FIBER OPTIC RISER DIAGRAMS ON SHEETS 00-TG601, 00-TG602, AND 00-TG603 FOR FIBER OPTIC CABLE ROUTING AND QUANTITIES AND ADDITIONAL INFORMATION.

SHEET NOTES:

#

1. PROVIDE AND INSTALL ONE (1) 4" CONDUIT FROM THE CEILING SPACE OF THE LOCATION INDICATED TO THE ROOM ABOVE FOR FIBER DISTRIBUTION. REFER THE FIBER ROUTING PATHWAY DIAGRAM ON 00-TG601 FOR ADDITIONAL INFORMATION.
2. CONDUIT STUBBING FROM THE FLOOR BELOW. REFER TO 71-TN100 FOR LOCATION ON FLOOR BELOW. REFER THE FIBER ROUTING PATHWAY DIAGRAM ON 00-TG601 FOR ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

LINETYPE LEGEND:

- B-LEG FIBER PATHWAY
- A-LEG FIBER PATHWAY

A B C

PLAN NORTH

Addendum 1	01/19/2026
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02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: OVERALL FIRST FLOOR PLAN - TECHNOLOGY	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TN101
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 469 of 484

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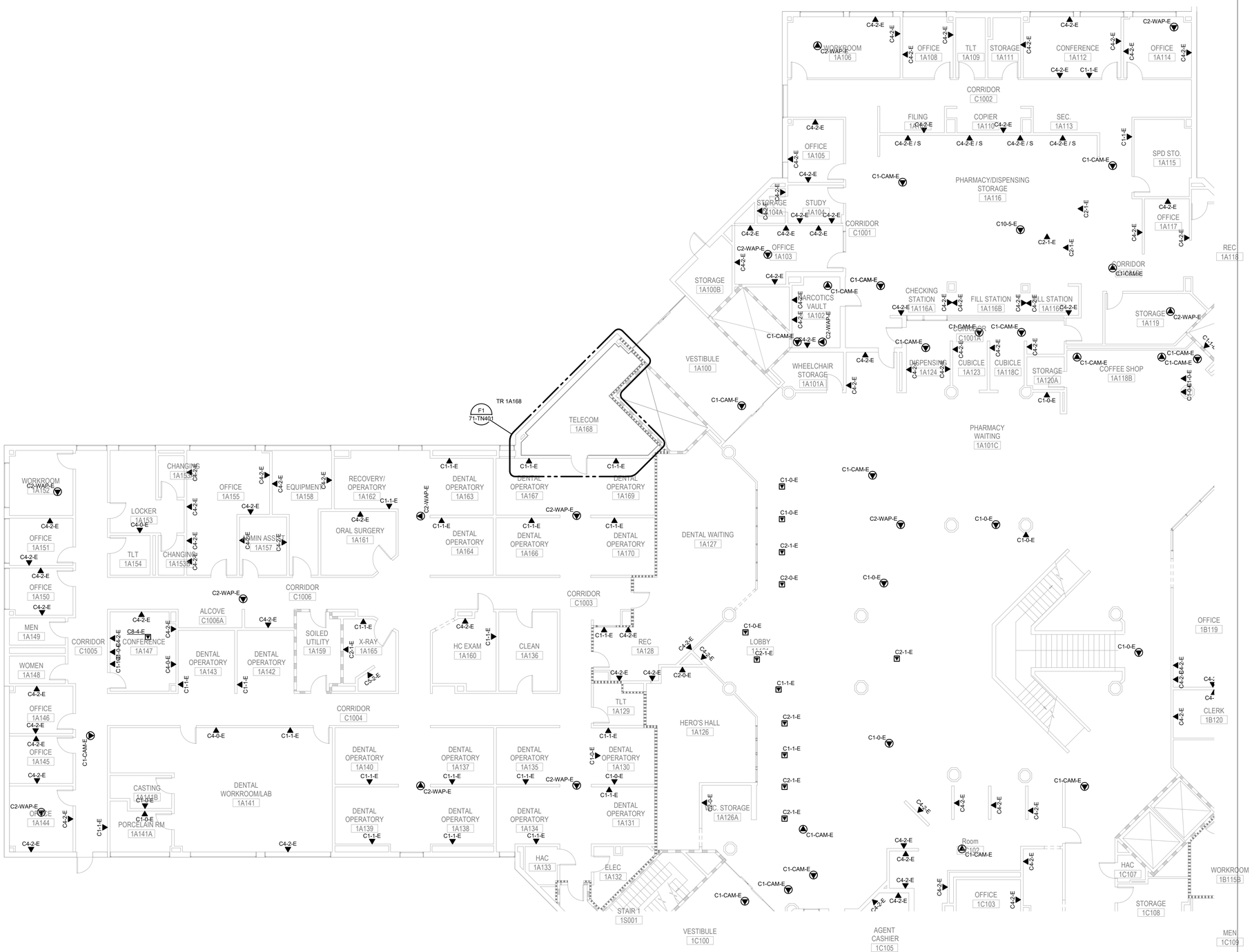
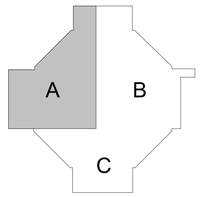


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TD101A FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

Revisions:	Date:

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BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
03.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR PLAN - TECHNOLOGY - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number 71
Approved:	FULLY SPRINKLERED	Location 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number 71-TN101A
		Issue Date 06.27.2025 / Checked DAVLAR / Drawn BLARAT	SHEET 470 of 484

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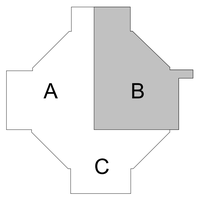
GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TD101B FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

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No. PE090283
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Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR PLAN - TECHNOLOGY - AREA B	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TN101B
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 471 of 484

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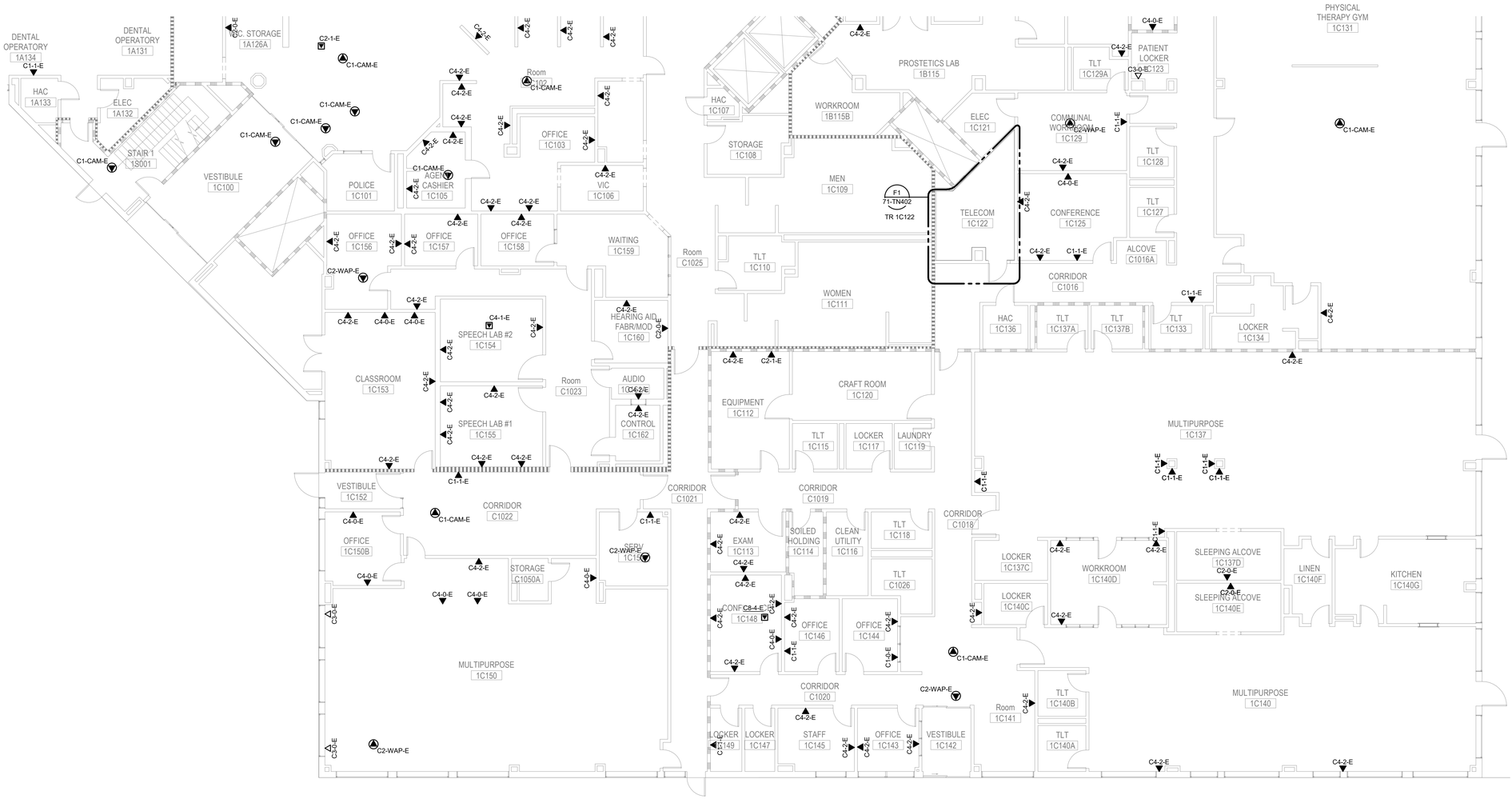
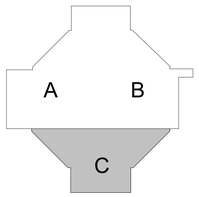


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TD101C FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL BRIAN JOSEPH LEAVITT ENGINEER No. PE090283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - TECHNOLOGY - AREA C	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 71-TN101C
			SHEET 472 of 484

VA FORM 08 - 6231

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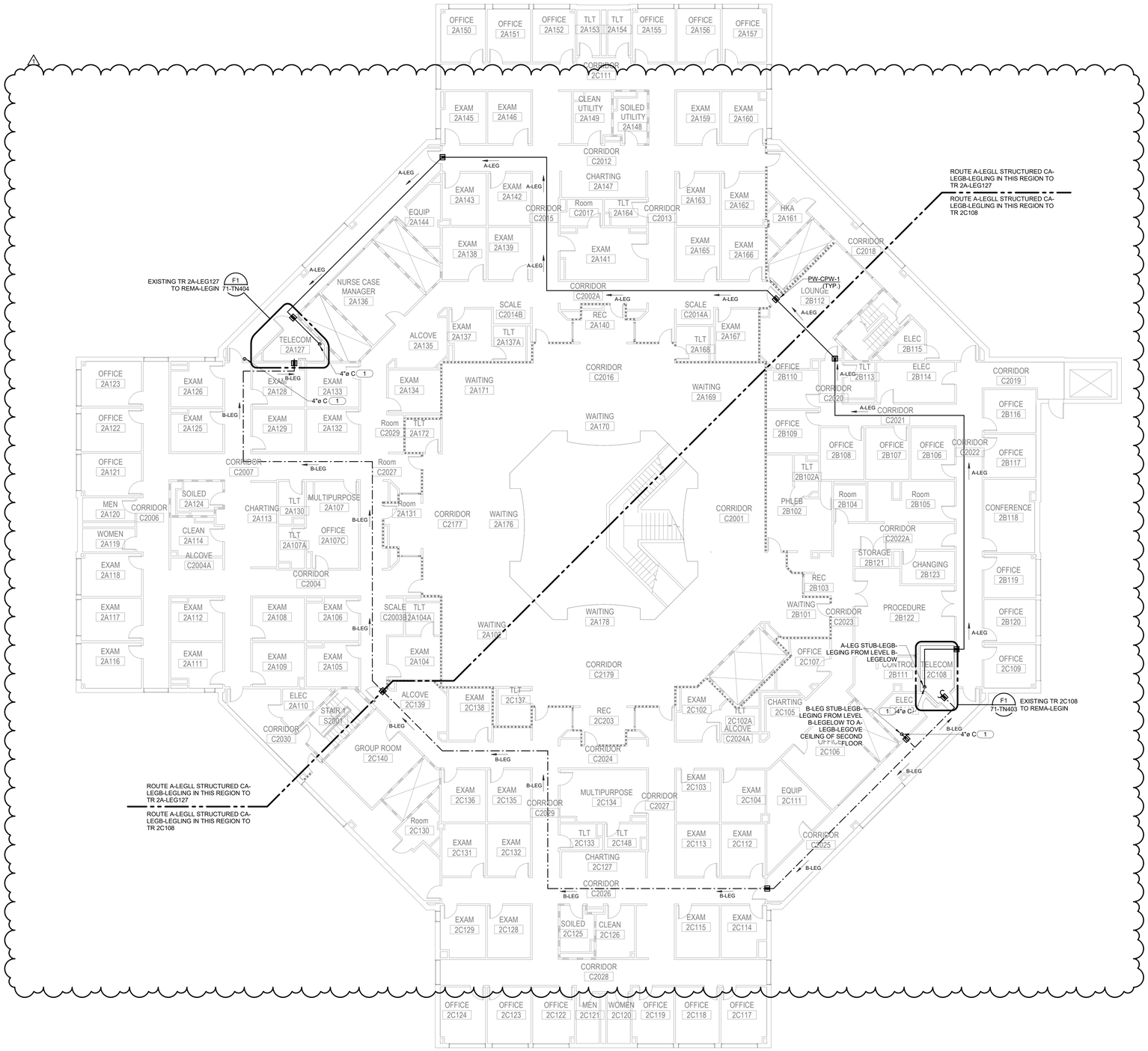

GENERAL NOTES:

1. ALL CALLED OUT REGIONS ARE PROPOSED FUTURE TR/TE LOCATIONS OR EXISTING TR/TE LOCATIONS TO BE EXPANDED.
2. REFER TO CABLE ROUTING LINES FOR ROUTING OF STRUCTURED CABLING.
3. THE FIBER OPTIC CABLING ON THIS DRAWINGS DO NOT REPRESENT QUANTITY OR TYPE AND ARE ONLY MEANT TO CONVEY PATHWAY. REFER TO THE OVERALL FIBER OPTIC RISER DIAGRAM ON SHEET 00-TG600 AND THE FIBER OPTIC RISER DIAGRAMS ON SHEETS 00-TG601, 00-TG602, AND 00-TG603 FOR FIBER OPTIC CABLE ROUTING AND QUANTITIES AND ADDITIONAL INFORMATION.

SHEET NOTES:

1. CONDUIT STUBBING FROM THE FLOOR BELOW. REFER TO 51-TN102 FOR LOCATION ON FLOOR BELOW. REFER THE FIBER ROUTING PATHWAY DIAGRAM ON 00-TG601 FOR ADDITIONAL INFORMATION.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

LINETYPE LEGEND:

- B-LEG FIBER PATHWAY
- A-LEG FIBER PATHWAY

A B C

PLAN NORTH

Addendum 1	01/19/2026
Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL BRIAN JOSEPH LEAVITT ENGINEER No. PE090283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: OVERALL SECOND FLOOR PLAN - TECHNOLOGY	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TN102
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 473 of 484

VA FORM 08 - 6231

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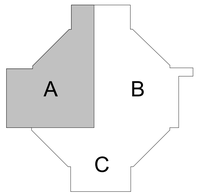
GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TD102A FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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BRIAN JOSEPH LEAVITT
ENGINEER
No. PE082021
03.16.2026
Exp 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR PLAN - TECHNOLOGY - AREA A	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 71-TN102A
			SHEET 474 of 484

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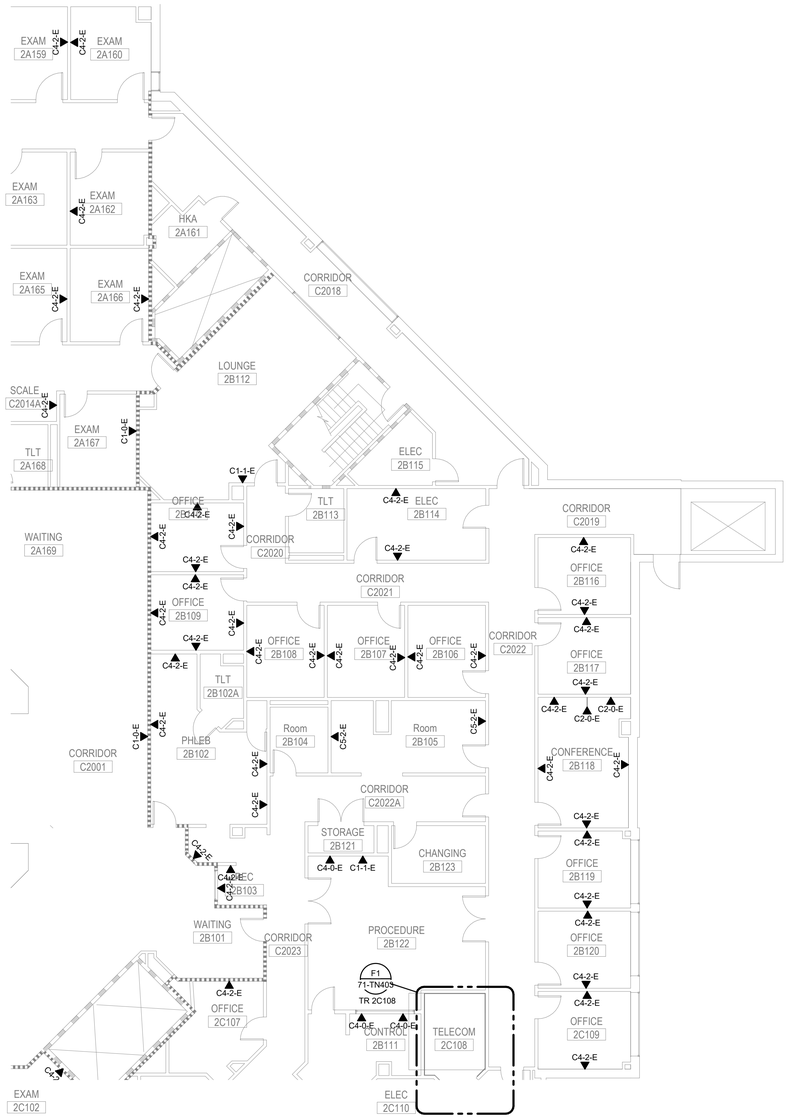
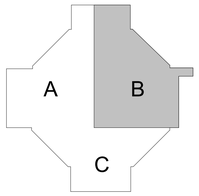


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TD102B FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" SCALE — 5 0 5 10 15 20 FEET

Revisions:	Date:

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ENGINEER
No. PE076283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR PLAN - TECHNOLOGY - AREA B	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TN102B
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 475 of 484

VA FORM 08 - 6231

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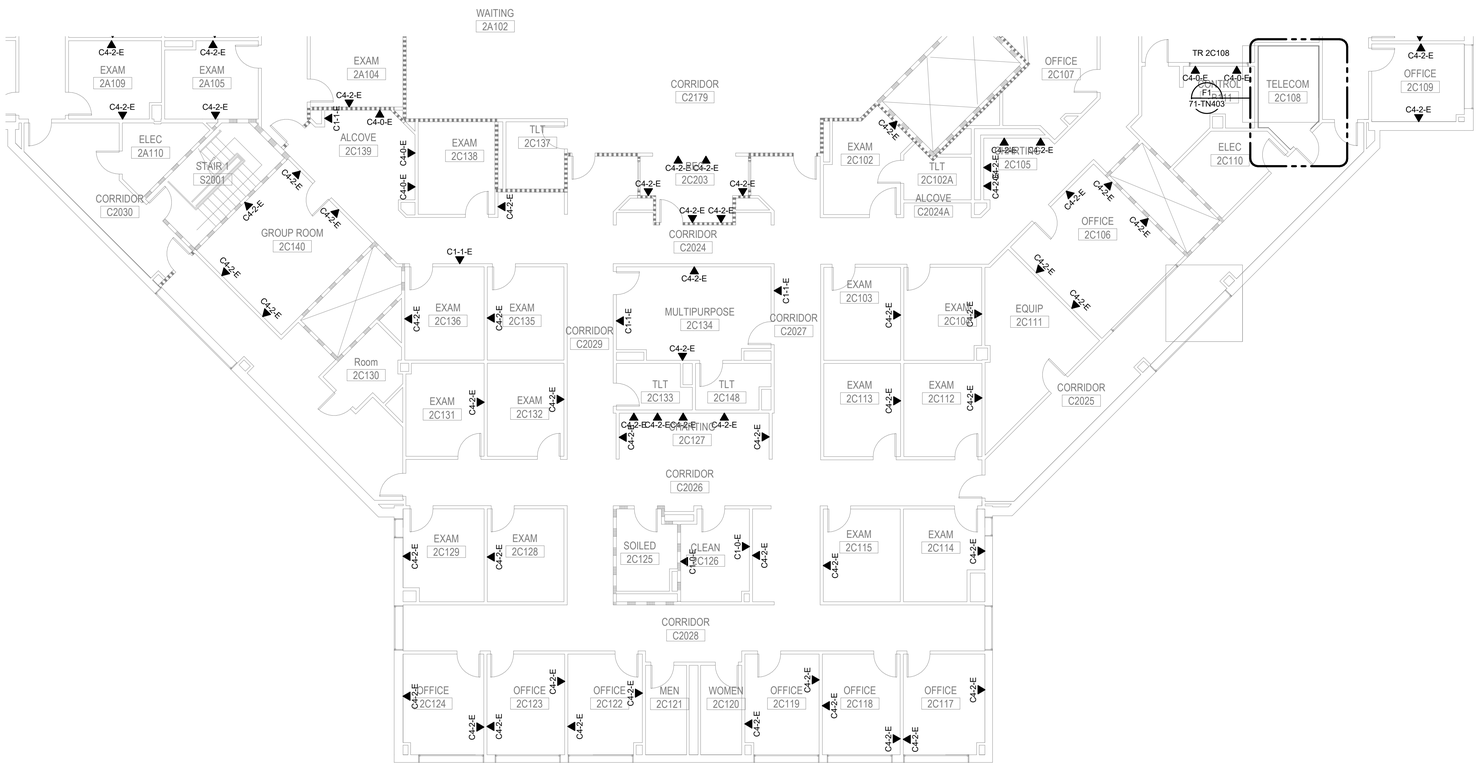
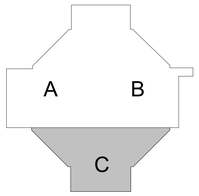


GENERAL NOTES:

1. REUSE EXISTING BACKBOX ROUGH-IN AND CONDUIT WHERE APPLICABLE. REFER TO THE FLOOR PLANS ON 71-TD102C FOR ADDITIONAL INFORMATION AND PHASING REQUIREMENTS.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION



PLAN NORTH

1/8" = 1'-0" 5 0 5 10 15 20
SCALE FEET

Revisions:	Date:

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REGISTERED PROFESSIONAL
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ENGINEER
No. PE090283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR PLAN - TECHNOLOGY - AREA C	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Building Number: 71	
		Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TN102C
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 476 of 484

VA FORM 08 - 6231

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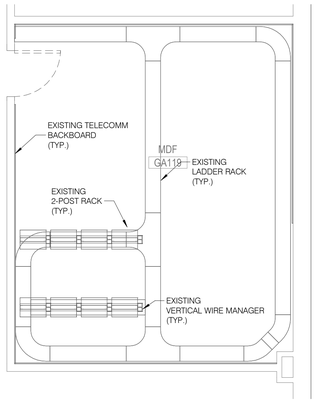
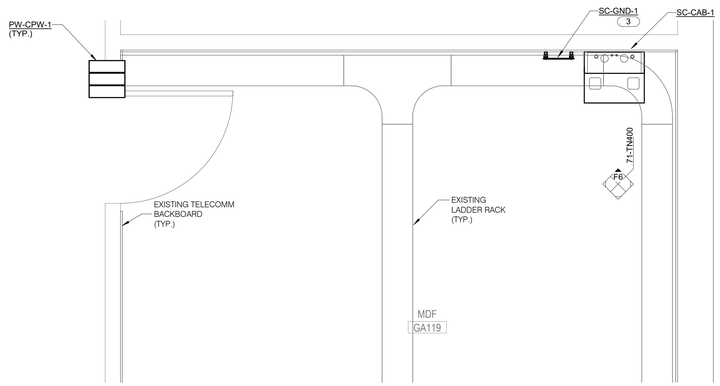


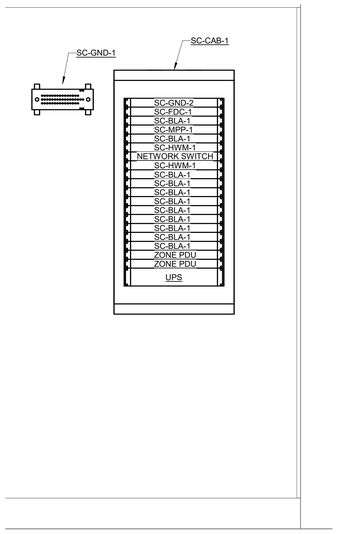
GROUND - EXISTING TR GA119 ENLARGED PLAN

C1 1/4" = 1'-0"



GROUND - TR GA119 ENLARGED PLAN

F1 1/2" = 1'-0"



GROUND - TR GA119 ENLARGED EQUIPMENT RACK ELEVATION

F6 1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SPACE RESERVED FOR SECURITY PANELS IS APPROXIMATE. COORDINATE WITH SECURITY CONTRACTOR FOR SPACE REQUIREMENTS. ANY ADDITIONAL SPACE OUTSIDE THIS AREA WILL NEED TO BE COORDINATED WITH THE COR.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
2. THE FIRE RATED TELEPHONE TERMINAL BOARD (SC-TTB) SHALL COVER ALL THE WALLS IN THE TELECOMMUNICATIONS ROOMS AS SHOWN ABOVE. SHOULD THE WALLS REQUIRE TO BE PAINTED, THE PAINT SHALL BE "FIRE SAFE" PAINT. IF PAINTED, THE FIRE RATED LABEL ON EACH BOARD SHALL NOT BE PAINTED.
3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

Revisions:	Date:

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ENGINEER
No. PE090283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED PLANS - GROUND - TE GA119	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 71-TN400
			SHEET 477 of 484

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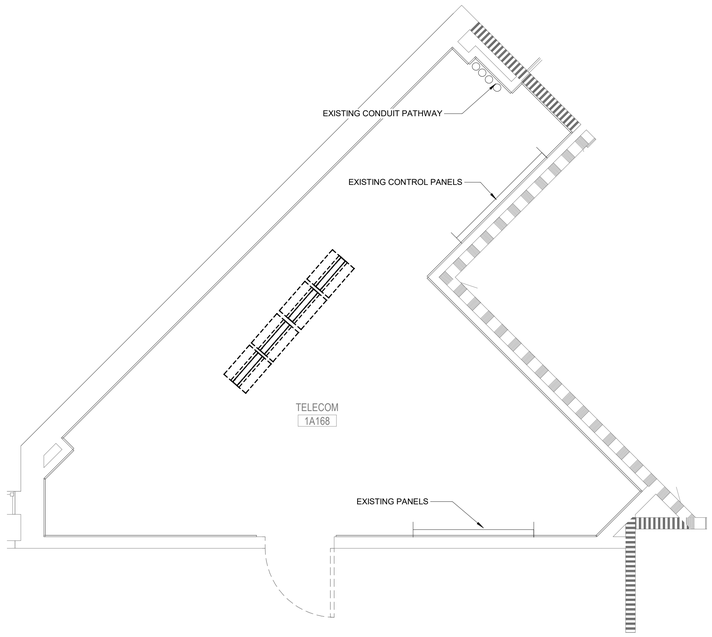
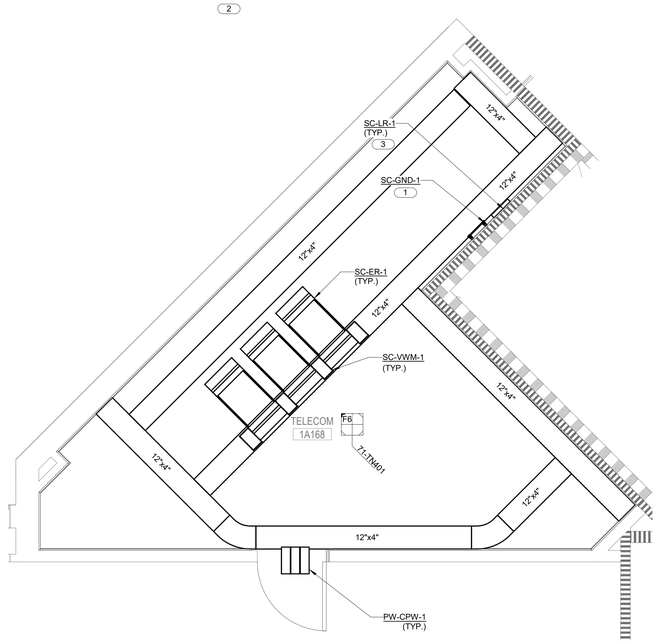


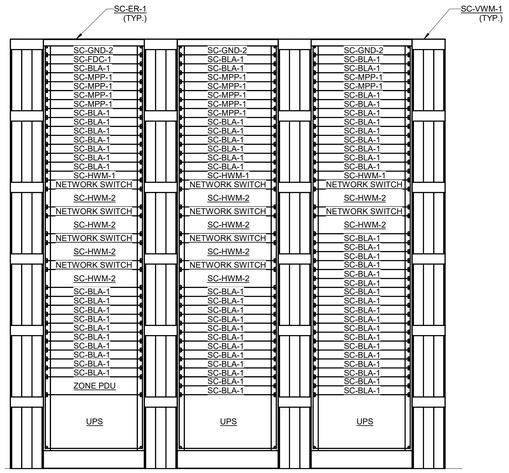
C1 LEVEL 1 - EXISTING TR 1A168 ENLARGED PLAN

3/8" = 1'-0"



F1 LEVEL 1 - TR 1A168 ENLARGED PLAN

3/8" = 1'-0"



F6 LEVEL 1 - TR 1A168 ENLARGED EQUIPMENT RACK ELEVATION PLAN

1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SPACE RESERVED FOR SECURITY PANELS IS APPROXIMATE. COORDINATE WITH SECURITY CONTRACTOR FOR SPACE REQUIREMENTS. ANY ADDITIONAL SPACE OUTSIDE THIS AREA WILL NEED TO BE COORDINATED WITH THE COR.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
2. THE FIRE RATED TELEPHONE TERMINAL BOARD (SC-TTB) SHALL COVER ALL THE WALLS IN THE TELECOMMUNICATIONS ROOMS AS SHOWN ABOVE. SHOULD THE WALLS REQUIRE TO BE PAINTED, THE PAINT SHALL BE "FIRE SAFE" PAINT. IF PAINTED, THE FIRE RATED LABEL ON EACH BOARD SHALL NOT BE PAINTED.
3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

Revisions:	Date:

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BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
03.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - LEVEL 1 - TR 1A168	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TN401
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 478 of 484

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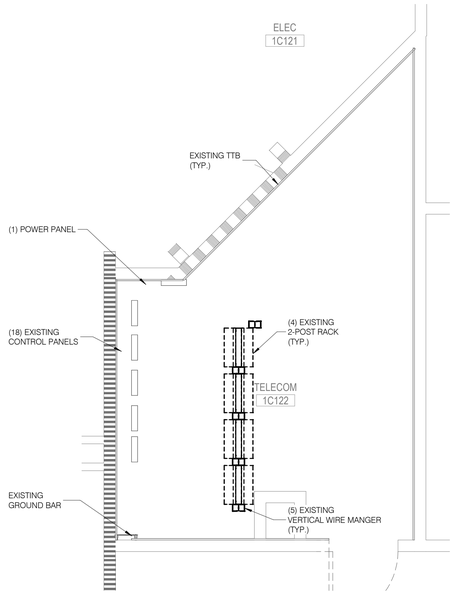
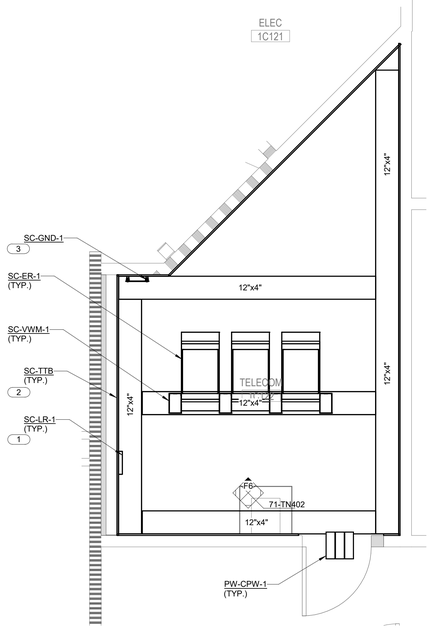


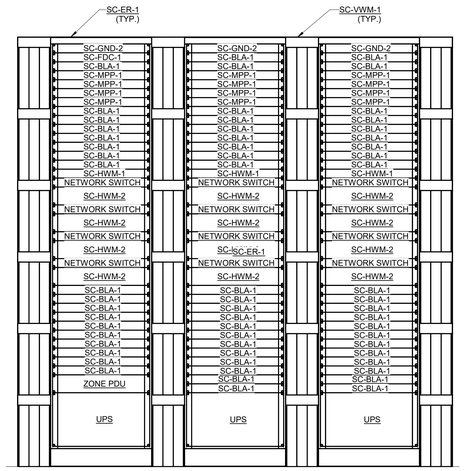
LEVEL 1 - EXISTING TR 1C122 ENLARGED PLAN

C1 3/8" = 1'-0"



LEVEL 1 - TR 1C122 ENLARGED PLAN

F1 3/8" = 1'-0"



LEVEL 1 - TR 1C122 ENLARGED EQUIPMENT RACK ELEVATION PLAN

F6 1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SPACE RESERVED FOR SECURITY PANELS IS APPROXIMATE. COORDINATE WITH SECURITY CONTRACTOR FOR SPACE REQUIREMENTS. ANY ADDITIONAL SPACE OUTSIDE THIS AREA WILL NEED TO BE COORDINATED WITH THE COR.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
2. THE FIRE RATED TELEPHONE TERMINAL BOARD (SC-TTB) SHALL COVER ALL THE WALLS IN THE TELECOMMUNICATIONS ROOMS AS SHOWN ABOVE. SHOULD THE WALLS REQUIRE TO BE PAINTED, THE PAINT SHALL BE "FIRE SAFE" PAINT. IF PAINTED, THE FIRE RATED LABEL ON EACH BOARD SHALL NOT BE PAINTED.
3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

Revisions:	Date:

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PROJECT #23002960.00

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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER BRIAN JOSEPH LEAVITT No. PE090283
02.10.2026
EXP. 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - LEVEL 1 - TR 1C122	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TN402
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 479 of 484

Autodesk Docs://Heinz VAMC EHRM_V25/646A-22-700.71.T IMEG_HNZ_C.rvt
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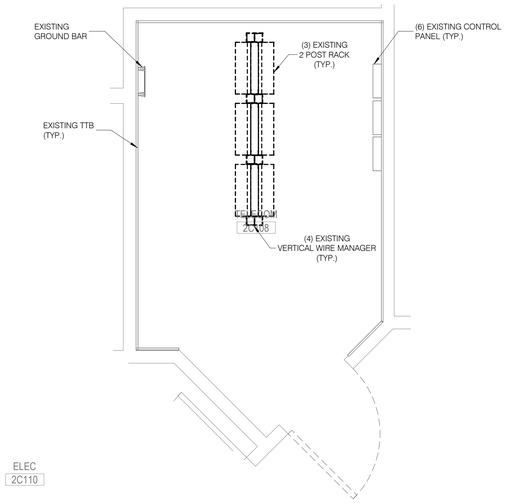
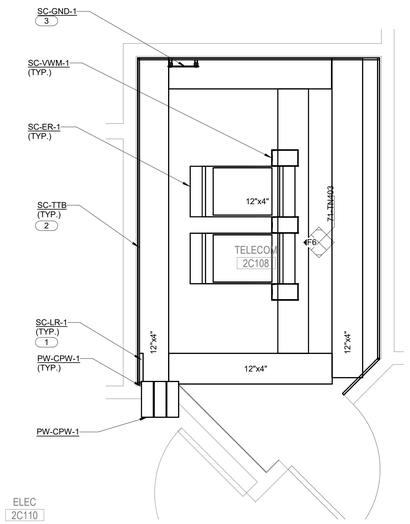


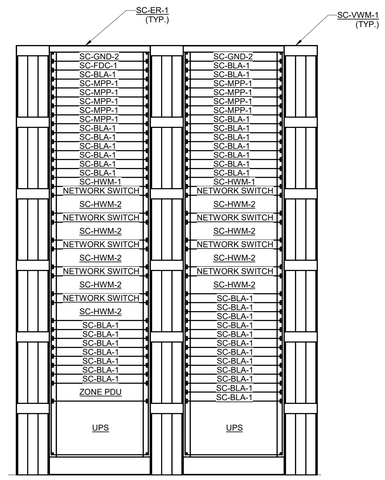
1 LEVEL 2 - EXISTING TR 2C108 ENLARGED PLAN

1/2" = 1'-0"



F1 LEVEL 2 - TR 2C108 ENLARGED PLAN

1/2" = 1'-0"



F6 LEVEL 2 - TR 2C108 ENLARGED EQUIPMENT RACK ELEVATION PLAN

1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. SPACE RESERVED FOR SECURITY PANELS IS APPROXIMATE. COORDINATE WITH SECURITY CONTRACTOR FOR SPACE REQUIREMENTS. ANY ADDITIONAL SPACE OUTSIDE THIS AREA WILL NEED TO BE COORDINATED WITH THE COR.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
2. THE FIRE RATED TELEPHONE TERMINAL BOARD (SC-TTB) SHALL COVER ALL THE WALLS IN THE TELECOMMUNICATIONS ROOMS AS SHOWN ABOVE. SHOULD THE WALLS REQUIRE TO BE PAINTED, THE PAINT SHALL BE "FIRE SAFE" PAINT. IF PAINTED, THE FIRE RATED LABEL ON EACH BOARD SHALL NOT BE PAINTED.
3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

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PROJECT #230020960.00

STAMP

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER BRIAN JOSEPH LEAVITT No. PE090283
02.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PLANS - LEVEL 2 - TR 2C108	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
			Building Number: 71
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Drawing Number: 71-TN403
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	SHEET 480 of 484

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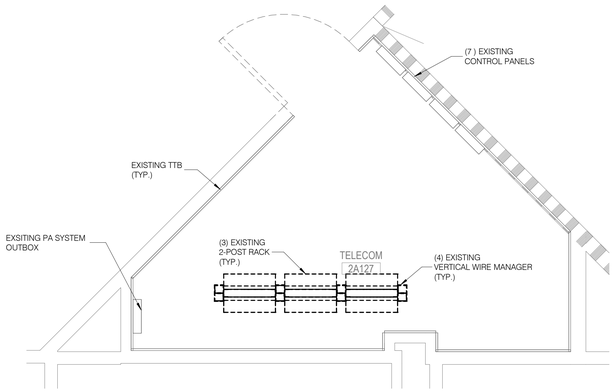
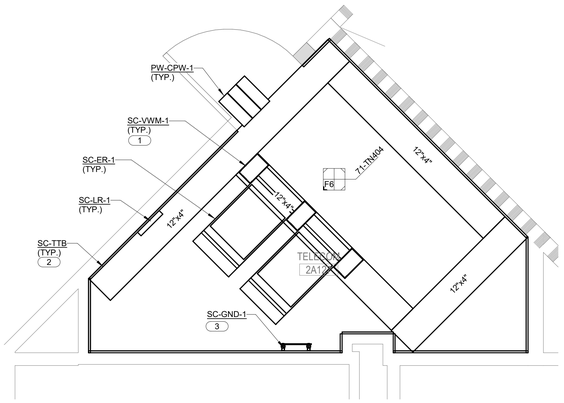


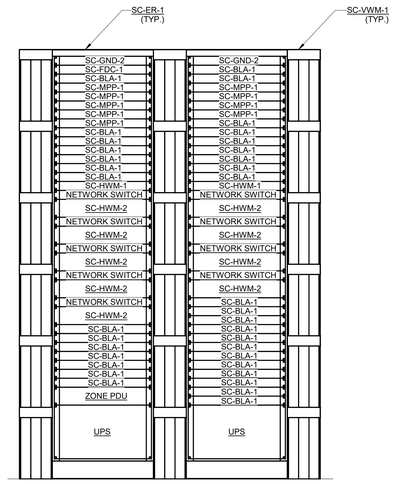
C1 LEVEL 2 - EXISTING TR 2A127 ENLARGED PLAN

1/2" = 1'-0"



F1 LEVEL 2 - TR 2A127 ENLARGED PLAN

1/2" = 1'-0"



LEVEL 2 - TR 2A127 ENLARGED EQUIPMENT RACK ELEVATION PLAN

F6 1" = 1'-0"

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT IN LOCATIONS DEFINED BY THIS LAYOUT UNLESS OTHERWISE NOTED. SIZE ALL EQUIPMENT ACCORDING TO THE BASIS OF DESIGN MANUFACTURER AND MODEL. THE FINAL LAYOUT AND EQUIPMENT SIZE MAY VARY BASED ON THE FINAL SELECTION OF THE EQUIPMENT. COORDINATE ANY CHANGES TO THE LAYOUT SHOWN WITH THE COR PRIOR TO INSTALLATION. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
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3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT INSTALLED ON THE REAR OF THE RACKS INCLUDING THE UPS, ZONE PDU, AND VERTICAL PDU'S.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

SHEET NOTES:

1. WIRE BASKETS ARE TO LINE INTERIOR WALLS AS SHOWN ABOVE. REFER TO E8/00-TG500 FOR WIRE BASKET DETAIL.
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3. REFER TO E1/00-TG500 FOR BONDING BUS BAR DETAIL.

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION

PLAN NORTH

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

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PROJECT #230020960.00

STAMP
COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BRIAN JOSEPH LEAVITT
ENGINEER
No. PE090283
03.10.2026
EXP 09.30.2027

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED PLANS - LEVEL 2 - TR 2A127	FINAL BID DOCUMENTS	EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD. PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked: DAVLAR / Drawn: BLARAT	Drawing Number: 71-TN404
			SHEET 481 of 484

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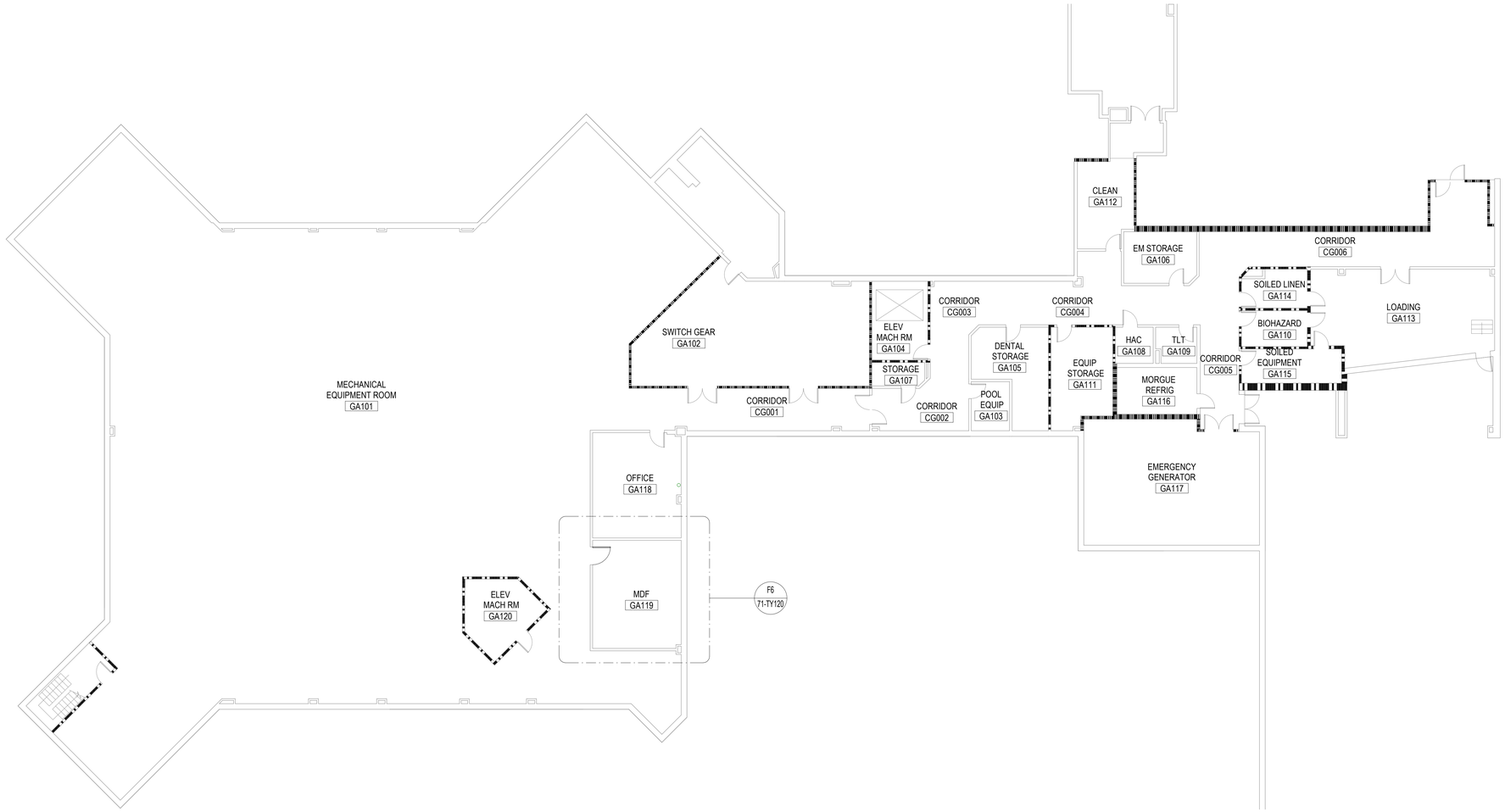
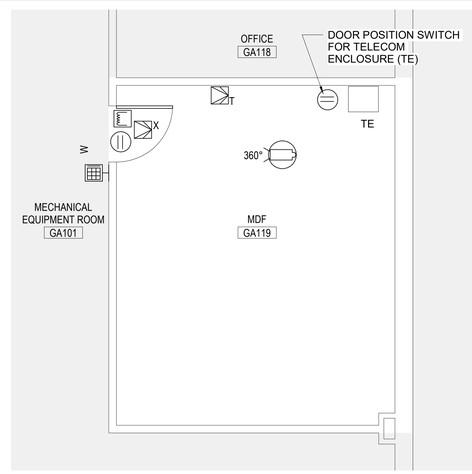


D1 GROUND FLOOR SECURITY PLANS

3/32" = 1'-0"



F6 SECURITY PLAN - TR GA119

1/4" = 1'-0" REF FROM: D1 / 71-TY120

GENERAL NOTES:

1. COORDINATE MOUNTING HEIGHTS AND INSTALLATION DETAILS WITH ARCHITECTURAL DRAWINGS.
2. BASE BUILDING SECURITY SYSTEM VENDOR IS MILLER INFORMATION SYSTEMS. COORDINATE SECURITY SYSTEM CABINETS, HEAD-ENDS, AND ASSOCIATED INFRASTRUCTURE TO FEED NEW CAMERA AND ACCESS CONTROL DEVICES WITH BASE BUILDING SECURITY VENDOR.
3. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL BY AE WHICH ARE PREPARED BY BASE BUILDING SECURITY SYSTEM VENDOR. DRAWINGS TO INCLUDE ALL NECESSARY COMPONENTS AND BACK-END EQUIPMENT LOCATIONS FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
4. CONTRACTOR SHALL VERIFY IN FIELD EXISTING AVAILABLE SECURITY SWITCHES, HEAD-ENDS AND ASSOCIATED INFRASTRUCTURE. NEW CAMERAS SHALL BE FED FROM NEAREST AVAILABLE SECURITY CABINET. FOR BID PURPOSES, ASSUME 300FT CABLE LENGTH FROM CAMERA TO SECURITY SWITCH.
5. ACCESS CONTROL SYSTEM: NEW ACCESS CONTROL PROVISIONS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
6. SSTV SYSTEM: NEW SECURITY CAMERAS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
7. ALL CONDUIT AND BACK BOXES REQUIRED FOR THE INSTALLATION OF SECURITY DEVICES AND EQUIPMENT TO BE PROVIDED BY DIV. 26 CONTRACTOR. COORDINATE WITH THE VA FACILITIES DEPARTMENT FOR EXACT LOCATION OF DEVICES.
8. REFERENCE ARCHITECTURAL SHEETS FOR ALL LOCK TYPES, ENCLOSURES, FRAME DETAILS AND PATHWAYS.
9. ALL TELECOM RACKS AND ENCLOSURES TO BE PROVIDED BY DIV. 27 CONTRACTOR.
10. ALL SECURITY SWITCHES AND HEAD-END EQUIPMENT IS EXISTING TO REMAIN. EXISTING CAMERAS BEING FED FROM DECOMMISSIONED TELECOM RACKS, PER TELECOM DRAWINGS AND SCOPE, SHALL BE RE-FED FROM NEW/REPLACEMENT RACKS IN NEW TELECOM ROOM LOCATION. COORDINATE WITH TELECOM DRAWINGS FOR MORE INFORMATION.
11. COORDINATE WITH DOOR HARDWARE SCHEDULE IN ARCHITECTURAL DRAWING SET FOR LOCKING MECHANISM TYPE FOR SECURITY INTEGRATION (ELECTRIC LATCH, ELECTRIC STRIKE, MAGNETIC LOCK). PROVIDE ALL HARDWARE AND ACCESSORIES NECESSARY.
12. MOTION DETECTOR REX TO BE PROGRAMMED AND INTEGRATED WITH DOOR HARDWARE TO PREVENT LOCKING OF DOOR IF ROOM IS OCCUPIED. INSTALL REX MOTION SENSOR ABOVE DOOR FRAME. REX TO BE FAIL-SAFE IN EVENT OF DEVICE MALFUNCTION.
13. PROVIDE TRI-TECH MOTION SENSOR IN DATACENTER (SEPARATE FROM REX) FOR ROOM OCCUPANCY MONITORING TIED TO PACS SYSTEM.
14. SUBMIT COMPLETE ACCESS CONTROL AND VIDEO SURVEILLANCE SUBMITTAL PACKAGE PER SPECIFICATION SECTIONS 282300-1.5D AND 281300-1.4D.
15. SECURITY SYSTEM VIDEO STORAGE REQUIREMENTS: 720P, 15IPS, 80% VIDEO MOTION, 30 DAYS.
16. ALL EXISTING ACRE ACCESS CONTROL PANELS TO REMAIN TO FEED NEW SECURITY DEVICES. CONTRACTOR TO VERIFY EXACT LOCATION AND QUANTITY OF AVAILABLE ACP'S AND INCLUDE IN SUBMITTAL PACKAGE TO AE FOR REVIEW.

SYMBOLS LEGEND:

- W — CARD READER WITH KEYPAD (W - WALL MTD)
- 360° — CEILING MTD. CAMERA, 360 DEGREE, W/ SUPPLEMENTAL IR RING.
- ELECTRONIC LOCK
- SECURITY ACCESS, SWITCH, BALANCED MAGNETIC CONTROL
- MOTION DETECTOR
  - T-ROOM OCCUPANCY MOTION SENSOR (TRI-TECH- PIR, MICROWAVE, DOPPLER)
  - X-REQUEST-TO-EXIT MOTION SENSOR (DUAL TECH- PIR, MICROWAVE)

VENDOR CONTACT INFORMATION:

Miller Information Systems
POC: Shane Levdansky
EMAIL: slevdansky@millerinfosys.com
P: 412-781-5000 x308

PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/4" = 1'-0" SCALE — 2 0 2 4 6 8 10 FEET

3/32" = 1'-0" SCALE — 5 0 5 10 15 20 25 30 FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

A/E:
Awen Solutions Group
215 N. Payne, Suite 122
Alexandria, VA 22314

STAMP: REGISTERED ARCHITECT PENNSYLVANIA GENE H. KLOW No. RA-014164

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GROUND FLOOR SECURITY PLANS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 71-TY120
			SHEET 482 of 484

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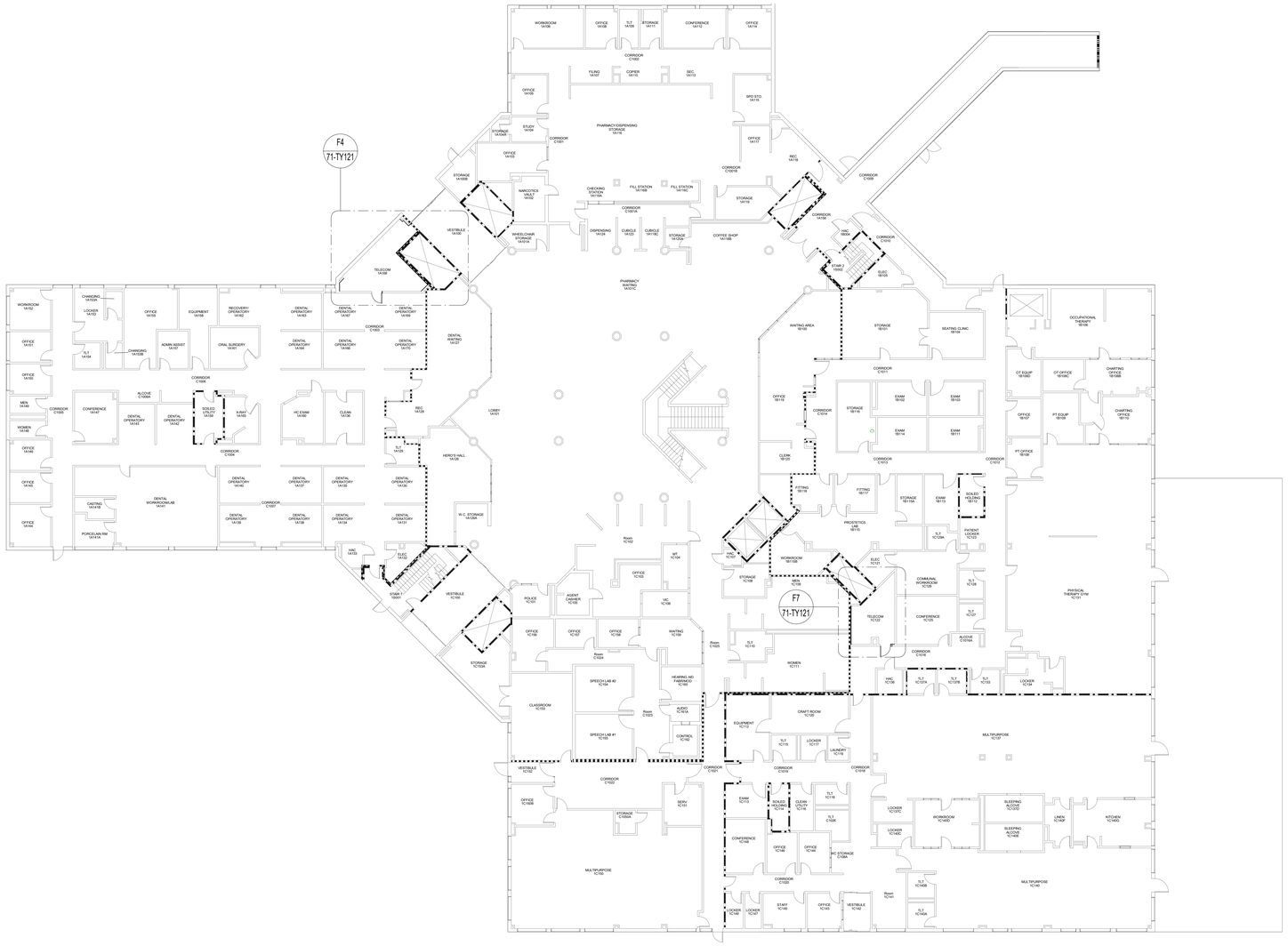
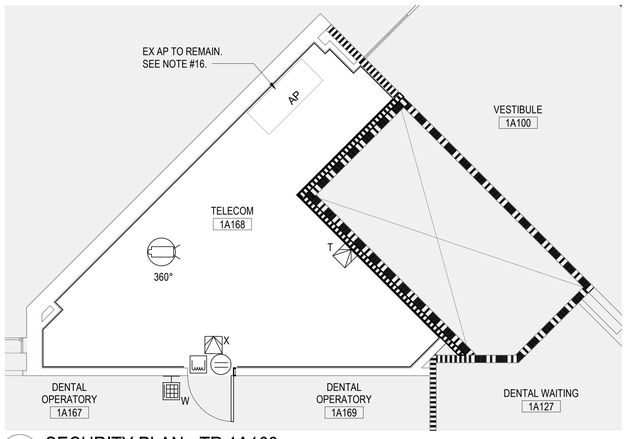
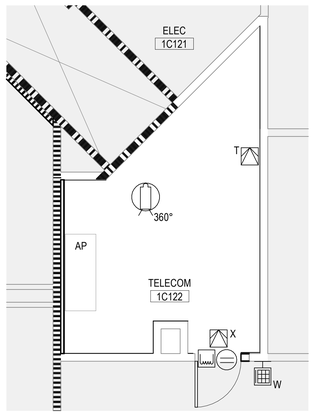


E1 FIRST FLOOR SECURITY PLAN
1/16" = 1'-0"



F4 SECURITY PLAN - TR 1A168
1/4" = 1'-0" REF FROM: E1 / 71-TY121



F7 SECURITY PLAN - TR 1C122
1/4" = 1'-0" REF FROM: E1 / 71-TY121

GENERAL NOTES:

1. COORDINATE MOUNTING HEIGHTS AND INSTALLATION DETAILS WITH ARCHITECTURAL DRAWINGS.
2. BASE BUILDING SECURITY SYSTEM VENDOR IS MILLER INFORMATION SYSTEMS. COORDINATE SECURITY SYSTEM CABINETS, HEAD-ENDS, AND ASSOCIATED INFRASTRUCTURE TO FEED NEW CAMERA AND ACCESS CONTROL DEVICES WITH BASE BUILDING SECURITY VENDOR.
3. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL BY AE WHICH ARE PREPARED BY BASE BUILDING SECURITY SYSTEM VENDOR. DRAWINGS TO INCLUDE ALL NECESSARY COMPONENTS AND BACK-END EQUIPMENT LOCATIONS FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
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5. ACCESS CONTROL SYSTEM: NEW ACCESS CONTROL PROVISIONS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
6. SSTV SYSTEM: NEW SECURITY CAMERAS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
7. ALL CONDUIT AND BACK BOXES REQUIRED FOR THE INSTALLATION OF SECURITY DEVICES AND EQUIPMENT TO BE PROVIDED BY DIV. 26 CONTRACTOR. COORDINATE WITH THE VA FACILITIES DEPARTMENT FOR EXACT LOCATION OF DEVICES.
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13. PROVIDE TRI-TECH MOTION SENSOR IN DATACENTER (SEPARATE FROM REX) FOR ROOM OCCUPANCY MONITORING TIED TO PACS SYSTEM.
14. SUBMIT COMPLETE ACCESS CONTROL AND VIDEO SURVEILLANCE SUBMITTAL PACKAGE PER SPECIFICATION SECTIONS 282300-1.5D AND 281300-1.4D.
15. SECURITY SYSTEM VIDEO STORAGE REQUIREMENTS: 720P, 15IPS, 80% VIDEO MOTION, 30 DAYS.
16. ALL EXISTING ACRE ACCESS CONTROL PANELS TO REMAIN TO FEED NEW SECURITY DEVICES. CONTRACTOR TO VERIFY EXACT LOCATION AND QUANTITY OF AVAILABLE ACP'S AND INCLUDE IN SUBMITTAL PACKAGE TO AE FOR REVIEW.

SYMBOLS LEGEND:

- W — CARD READER WITH KEYPAD (W - WALL MTD)
- 360° — CEILING MTD. CAMERA, 360 DEGREE, W/ SUPPLEMENTAL IR RING.
- ELECTRONIC LOCK
- SECURITY ACCESS, SWITCH, BALANCED MAGNETIC CONTROL
- MOTION DETECTOR
  - T-ROOM OCCUPANCY MOTION SENSOR (TRI-TECH- PIR, MICROWAVE, DOPPLER)
  - X-REQUEST-TO-EXIT MOTION SENSOR (DUAL TECH- PIR, MICROWAVE)

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POC: Shane Levdansky
EMAIL: slevdansky@millerinfosys.com
P: 412-781-5000 x308

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- FIRE BARRIER, 3 HOUR
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- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
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- WATER BARRIER

PLAN NORTH

1/4" = 1'-0" SCALE 2 0 2 4 6 8 10 FEET

1/16" = 1'-0" SCALE 5 0 5 10 15 20 25 30 35 40 FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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ARCHITECTURE | ENGINEERING | PLANNING

A/E:
Awen Solutions Group
215 N. Payne, Suite 122
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STAMP: REGISTERED ARCHITECT PENNSYLVANIA ERIK H. KLOW No. RA024141

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR SECURITY PLANS	Phase: FINAL BID DOCUMENTS	Project Title: EHRM INFRASTRUCTURE UPGRADES - VAPHS H.J. HEINZ CAMPUS	Project Number: 646A4-22-700
Approved:	FULLY SPRINKLERED	Location: 1010 DELAFIELD RD, PITTSBURGH, PA 15215	Building Number: 71
		Issue Date: 06.27.2025 / Checked / Drawn	Drawing Number: 71-TY121 SHEET 483 of 484

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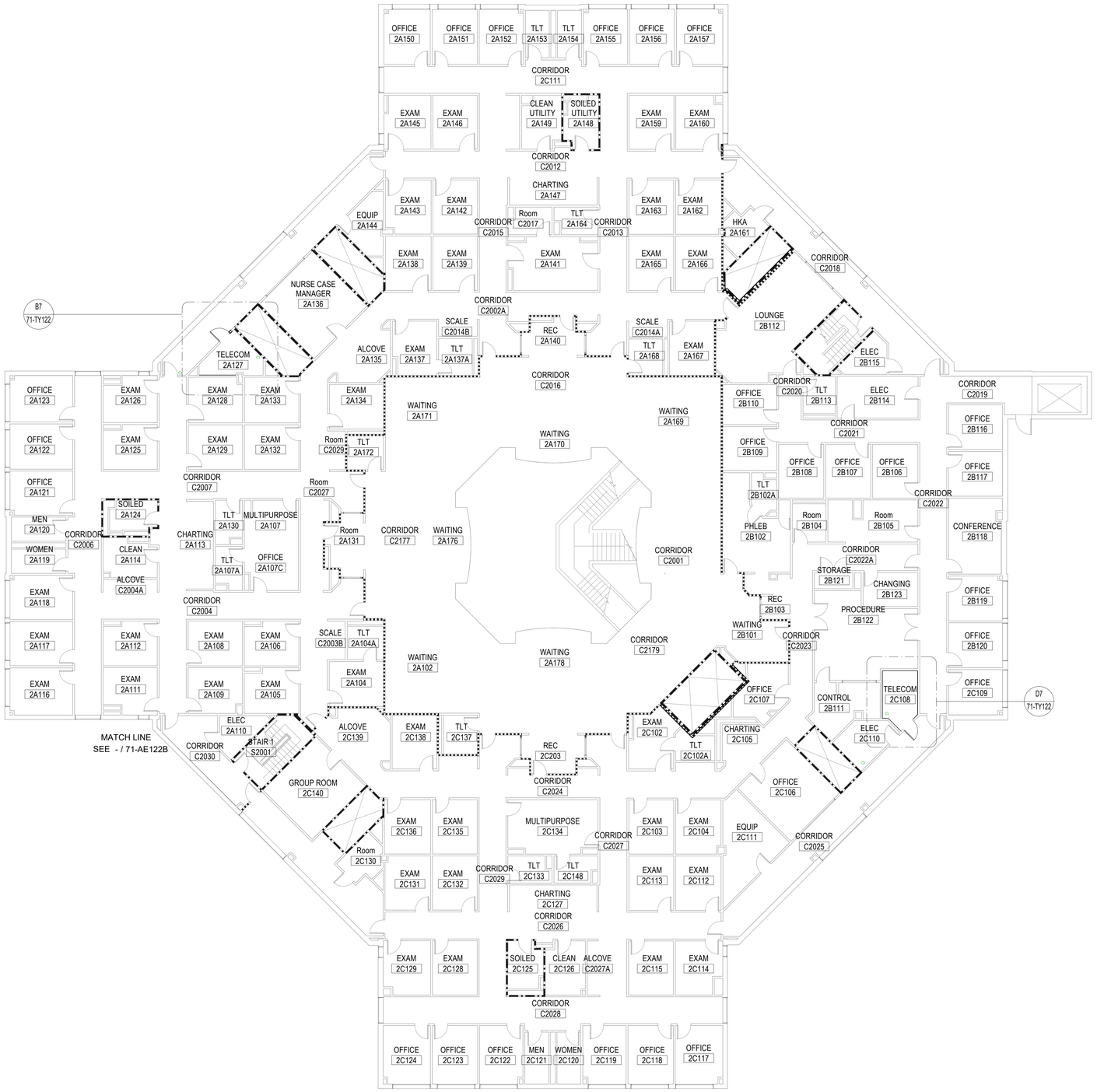
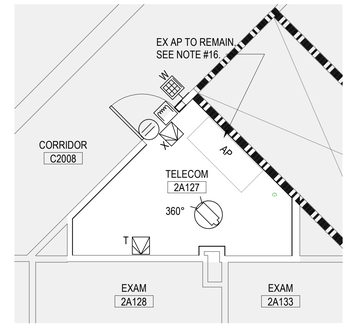
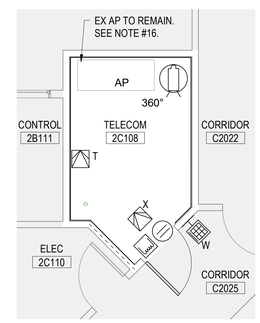
Autodesk Docs://Heinz VAMC EHRM_V25/646A-22-700 71-A HNZ.rvt



F1 SECOND FLOOR SECURITY PLANS
3/32" = 1'-0"



B7 SECURITY PLAN - TR 2A127
1/4" = 1'-0" REF FROM: F1 / 71-TY122



D7 SECURITY PLAN - TR 2C108
1/4" = 1'-0" REF FROM: F1 / 71-TY122

GENERAL NOTES:

1. COORDINATE MOUNTING HEIGHTS AND INSTALLATION DETAILS WITH ARCHITECTURAL DRAWINGS.
2. BASE BUILDING SECURITY SYSTEM VENDOR IS MILLER INFORMATION SYSTEMS. COORDINATE SECURITY SYSTEM CABINETS, HEAD-ENDS, AND ASSOCIATED INFRASTRUCTURE TO FEED NEW CAMERA AND ACCESS CONTROL DEVICES WITH BASE BUILDING SECURITY VENDOR.
3. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL BY AE WHICH ARE PREPARED BY BASE BUILDING SECURITY SYSTEM VENDOR. DRAWINGS TO INCLUDE ALL NECESSARY COMPONENTS AND BACK-END EQUIPMENT LOCATIONS FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
4. CONTRACTOR SHALL VERIFY IN FIELD EXISTING AVAILABLE SECURITY SWITCHES, HEAD-ENDS AND ASSOCIATED INFRASTRUCTURE. NEW CAMERAS SHALL BE FED FROM NEAREST AVAILABLE SECURITY CABINET. FOR BID PURPOSES, ASSUME 300FT CABLE LENGTH FROM CAMERA TO SECURITY SWITCH.
5. ACCESS CONTROL SYSTEM: NEW ACCESS CONTROL PROVISIONS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
6. SSTV SYSTEM: NEW SECURITY CAMERAS TO BE INSTALLED FOR ALL NEW, RELOCATED, OR EXPANDED TELECOM ROOMS. CONTRACTOR TO COORDINATE ALL HARDWARE AND LOCATIONS WITH BASE BUILDING SECURITY SYSTEM VENDOR AND VA STAFF.
7. ALL CONDUIT AND BACK BOXES REQUIRED FOR THE INSTALLATION OF SECURITY DEVICES AND EQUIPMENT TO BE PROVIDED BY DIV. 26 CONTRACTOR. COORDINATE WITH THE VA FACILITIES DEPARTMENT FOR EXACT LOCATION OF DEVICES.
8. REFERENCE ARCHITECTURAL SHEETS FOR ALL LOCK TYPES, ENCLOSURES, FRAME DETAILS AND PATHWAYS.
9. ALL TELECOM RACKS AND ENCLOSURES TO BE PROVIDED BY DIV. 27 CONTRACTOR.
10. ALL SECURITY SWITCHES AND HEAD-END EQUIPMENT IS EXISTING TO REMAIN. EXISTING CAMERAS BEING FED FROM DECOMMISSIONED TELECOM RACKS, PER TELECOM DRAWINGS AND SCOPE, SHALL BE RE-FED FROM NEW/REPLACEMENT RACKS IN NEW TELECOM ROOM LOCATION. COORDINATE WITH TELECOM DRAWINGS FOR MORE INFORMATION.
11. COORDINATE WITH DOOR HARDWARE SCHEDULE IN ARCHITECTURAL DRAWING SET FOR LOCKING MECHANISM TYPE FOR SECURITY INTEGRATION (ELECTRIC LATCH, ELECTRIC STRIKE, MAGNETIC LOCK). PROVIDE ALL HARDWARE AND ACCESSORIES NECESSARY.
12. MOTION DETECTOR REX TO BE PROGRAMMED AND INTEGRATED WITH DOOR HARDWARE TO PREVENT LOCKING OF DOOR IF ROOM IS OCCUPIED. INSTALL REX MOTION SENSOR ABOVE DOOR FRAME. REX TO BE FAIL-SAFE IN EVENT OF DEVICE MALFUNCTION.
13. PROVIDE TRI-TECH MOTION SENSOR IN DATACENTER (SEPARATE FROM REX) FOR ROOM OCCUPANCY MONITORING TIED TO PACS SYSTEM.
14. SUBMIT COMPLETE ACCESS CONTROL AND VIDEO SURVEILLANCE SUBMITTAL PACKAGE PER SPECIFICATION SECTIONS 282300-1.5D AND 281300-1.4D.
15. SECURITY SYSTEM VIDEO STORAGE REQUIREMENTS: 720P, 15IPS, 80% VIDEO MOTION, 30 DAYS.
16. ALL EXISTING ACRE ACCESS CONTROL PANELS TO REMAIN TO FEED NEW SECURITY DEVICES. CONTRACTOR TO VERIFY EXACT LOCATION AND QUANTITY OF AVAILABLE ACP'S AND INCLUDE IN SUBMITTAL PACKAGE TO AE FOR REVIEW.

SYMBOLS LEGEND:

- W — CARD READER WITH KEYPAD (W - WALL MTD)
- 360° — CEILING MTD. CAMERA, 360 DEGREE, W/ SUPPLEMENTAL IR RING.
- ELECTRONIC LOCK
- SECURITY ACCESS, SWITCH, BALANCED MAGNETIC CONTROL
- MOTION DETECTOR
  - T-ROOM OCCUPANCY MOTION SENSOR (TRI-TECH- PIR, MICROWAVE, DOPPLER)
  - X-REQUEST-TO-EXIT MOTION SENSOR (DUAL TECH- PIR, MICROWAVE)

VENDOR CONTACT INFORMATION:

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PARTITION LEGEND

- FIRE BARRIER, 3 HOUR
- FIRE BARRIER, 2 HOUR
- FIRE BARRIER, 1 HOUR
- SMOKE BARRIER
- NEW PARTITION
- EXISTING PARTITION
- DEMOLITION
- WATER BARRIER

PLAN NORTH

1/4" = 1'-0" SCALE: 2 0 2 4 6 8 10 FEET

3/32" = 1'-0" SCALE: 5 0 5 10 15 20 25 30 FEET

Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

AWEN SOLUTIONS GROUP
ARCHITECTURE | ENGINEERING | PLANNING

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
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