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CABLING NOTES:

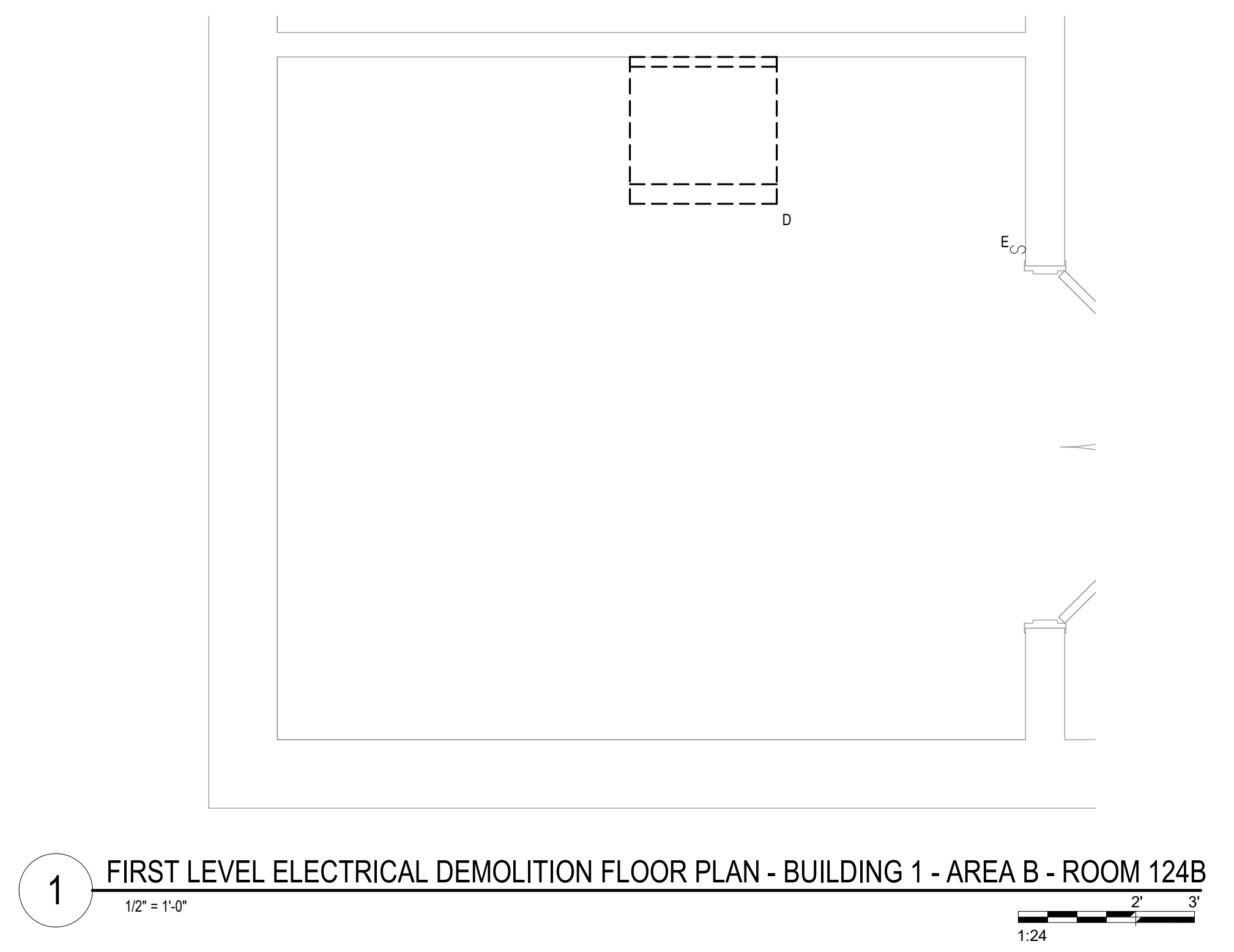
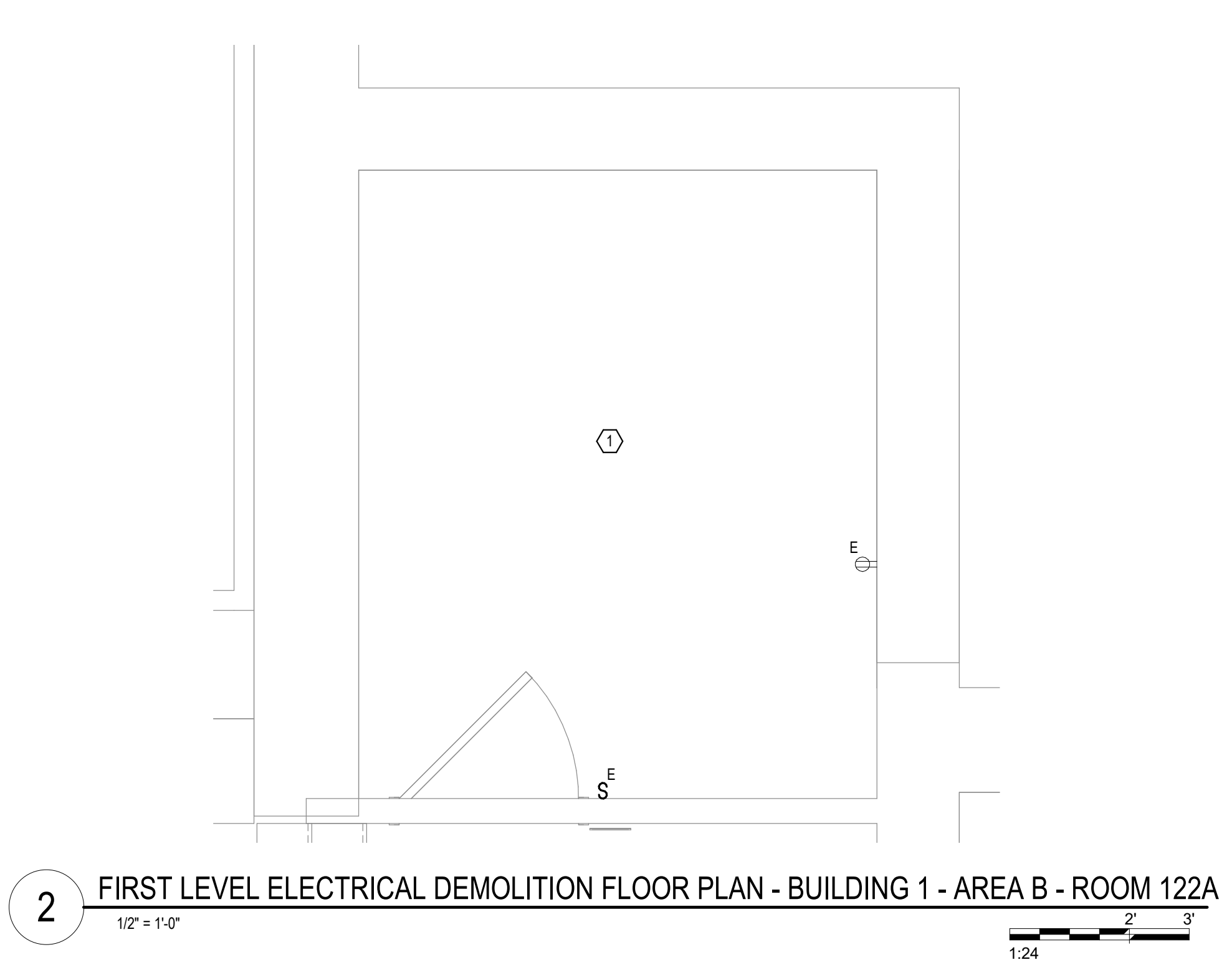
A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT. REMOVE ALL UNUSED CABLING AT THE COMPLETION OF THE PROJECT.

1. ROOM 124B
 EXISTING CABLE COUNT
 DATA (CAT5): 26
 DATA (CAT6): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
 CABLE RELOCATION COUNT
 DATA (CAT5): 26 TO ROOM 122A
 DATA (CAT6): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
 EXISTING CABLE TO REMAIN
 DATA (CAT5): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
 FINAL CABLE COUNT
 DATA (CAT5): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

2. ROOM 122A
 EXISTING CABLE COUNT
 DATA (CAT5): 0
 DATA (CAT6): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
 CABLE RELOCATION COUNT
 DATA (CAT5): 26 FROM ROOM 124B
 DATA (CAT6): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
 EXISTING CABLE TO REMAIN
 DATA (CAT5): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
 FINAL CABLE COUNT
 DATA (CAT5): 26
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

SHEET NOTES:

1. ROOM IS BEING CONSTRUCTED UNDER A SEPARATE PROJECT. NO DEMOLITION WORK IS ANTICIPATED IN THIS ROOM AS PART OF THIS PROJECT.



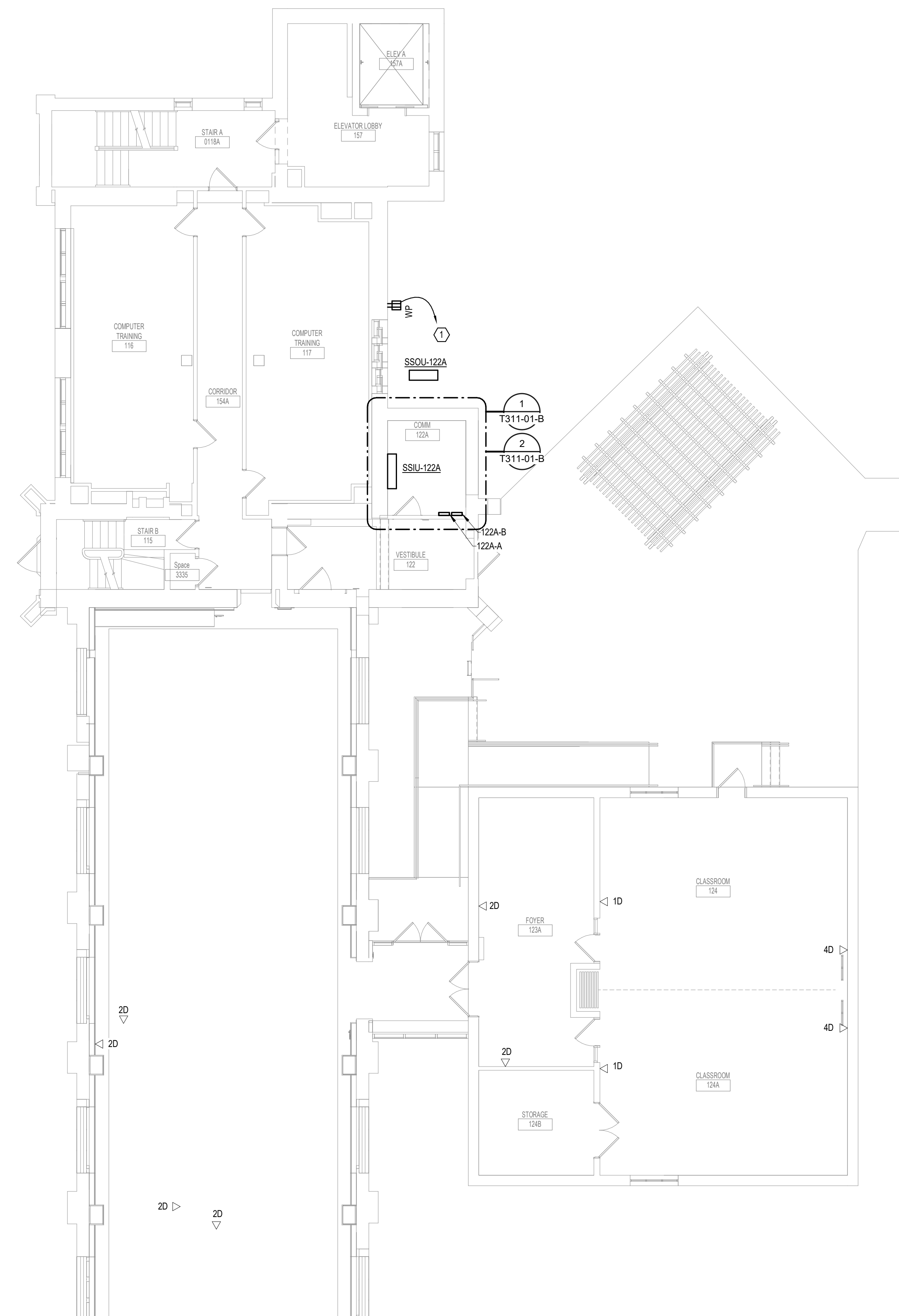
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Revisions:	Date:

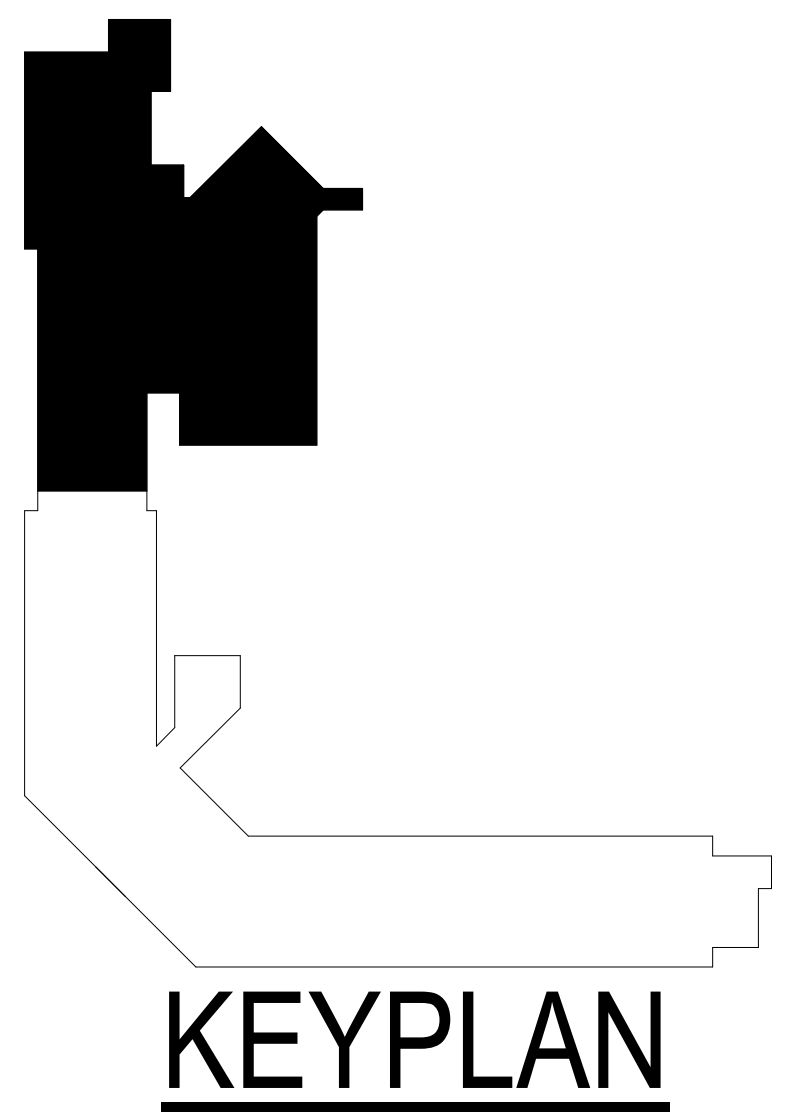
CONSULTANT   SPECIALIZED ENGINEERING SOLUTIONS 10360 Ellison Circle Omaha, NE 68134 Phone: 402.391.5520 www.specializedeng.com		ARCHITECT/ENGINEER OF RECORD  ANDERSON 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090		STAMP  Nathan Timm BICSI ID # 346555 EXPIRES 12-31-23 RCDO	Office of Construction and Facilities Management  U.S. Department of Veterans Affairs	Drawing Title FIRST LEVEL ELECTRICAL DEMOLITION - BUILDING 1 - ENLARGED ROOMS - AREA B Approved:	Phase BID DOCUMENTS FULLY SPRINKLERED	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES Location Sioux Falls, SD Issue Date 07/06/2021	Project Number 438-20-910 Building Number 1 Drawing Number ED311-01-B Checked KSB Drawn NMT
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SHEET NOTES:

- POWER DEVICE TO NEAREST AVAILABLE BRANCH CIRCUIT FEEDING RECEPTACLES IN THIS AREA.



1 FIRST LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 1 - AREA B
1/8" = 1'-0"



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TN111-01-B

Revisions:	Date:

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Office of
Construction
and Facilities
Management



Drawing Title
**FIRST LEVEL LOW VOLTAGE FLOOR
PLAN - BUILDING 1 - AREA B**

Approved:

Phase
BID DOCUMENTS

**FULLY
SPRINKLERED**

Project Title
**VAMC SIOUX FALLS EHRM
INFRASTRUCTURE UPGRADES**

Location
Sioux Falls, SD

Issue Date
07/06/2021

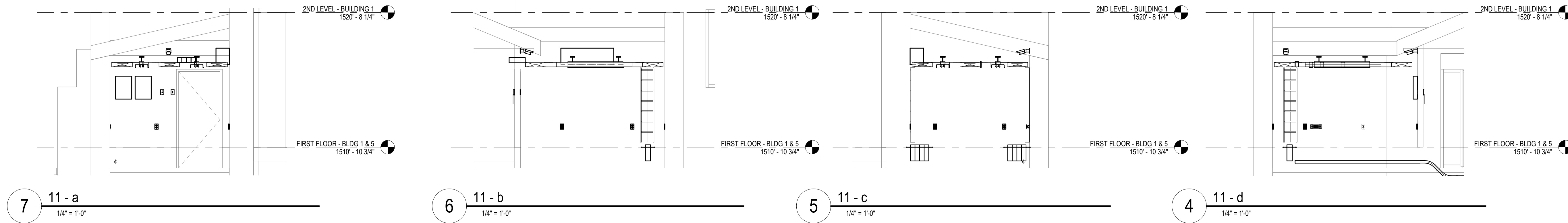
Checked
KSB

Drawn
NMT

Project Number
438-20-910
Building Number
1

Drawing Number
TN111-01-B

A
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CABLING NOTES:

A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT.

ROOM 122A

EXISTING CABLE COUNT
 DATA (CAT5): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

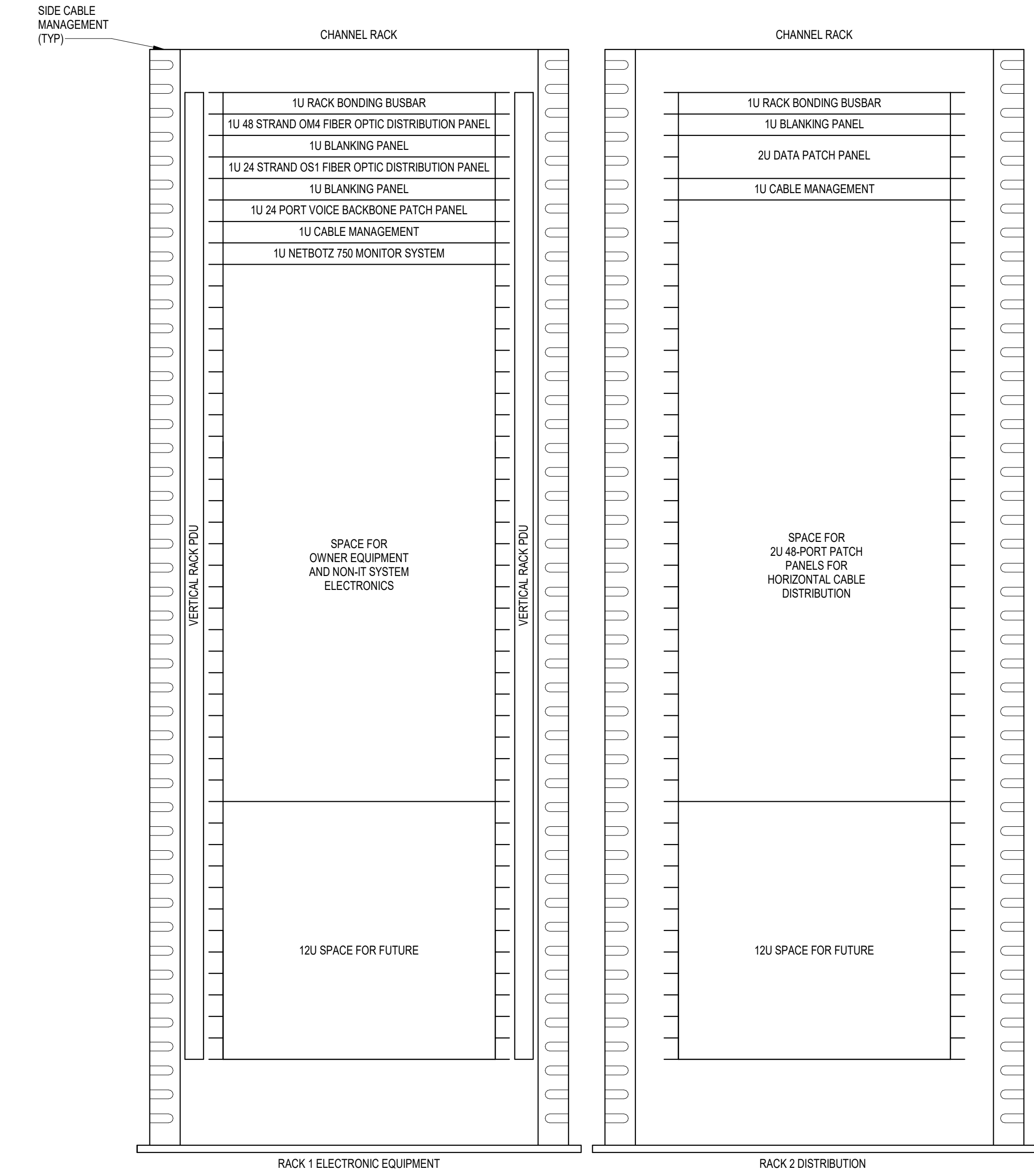
CABLE RELOCATION COUNT
 DATA (CAT5): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

EXISTING CABLE TO REMAIN
 DATA (CAT5): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

FINAL CABLE COUNT
 DATA (CAT5): 26
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

SHEET NOTES:

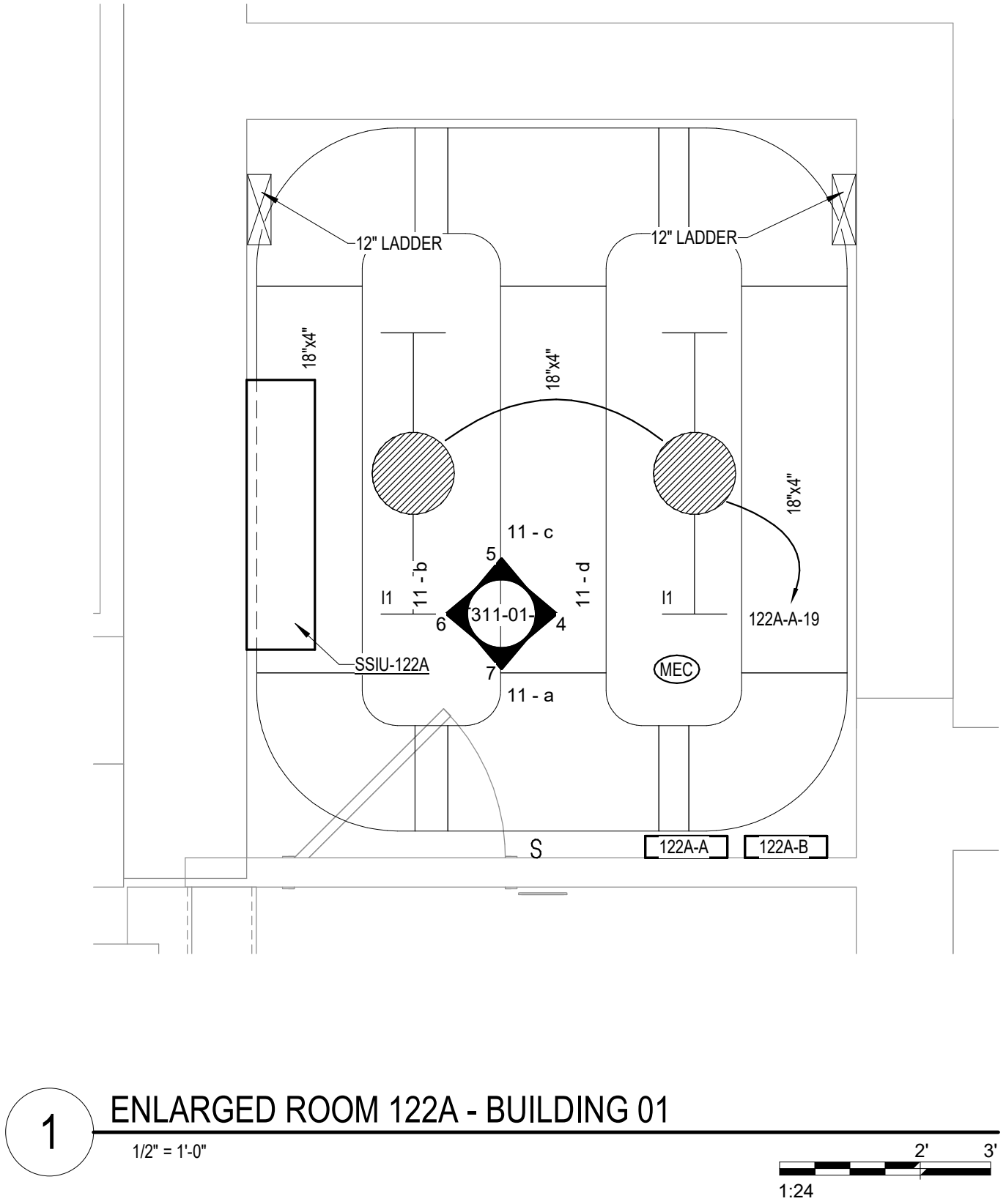
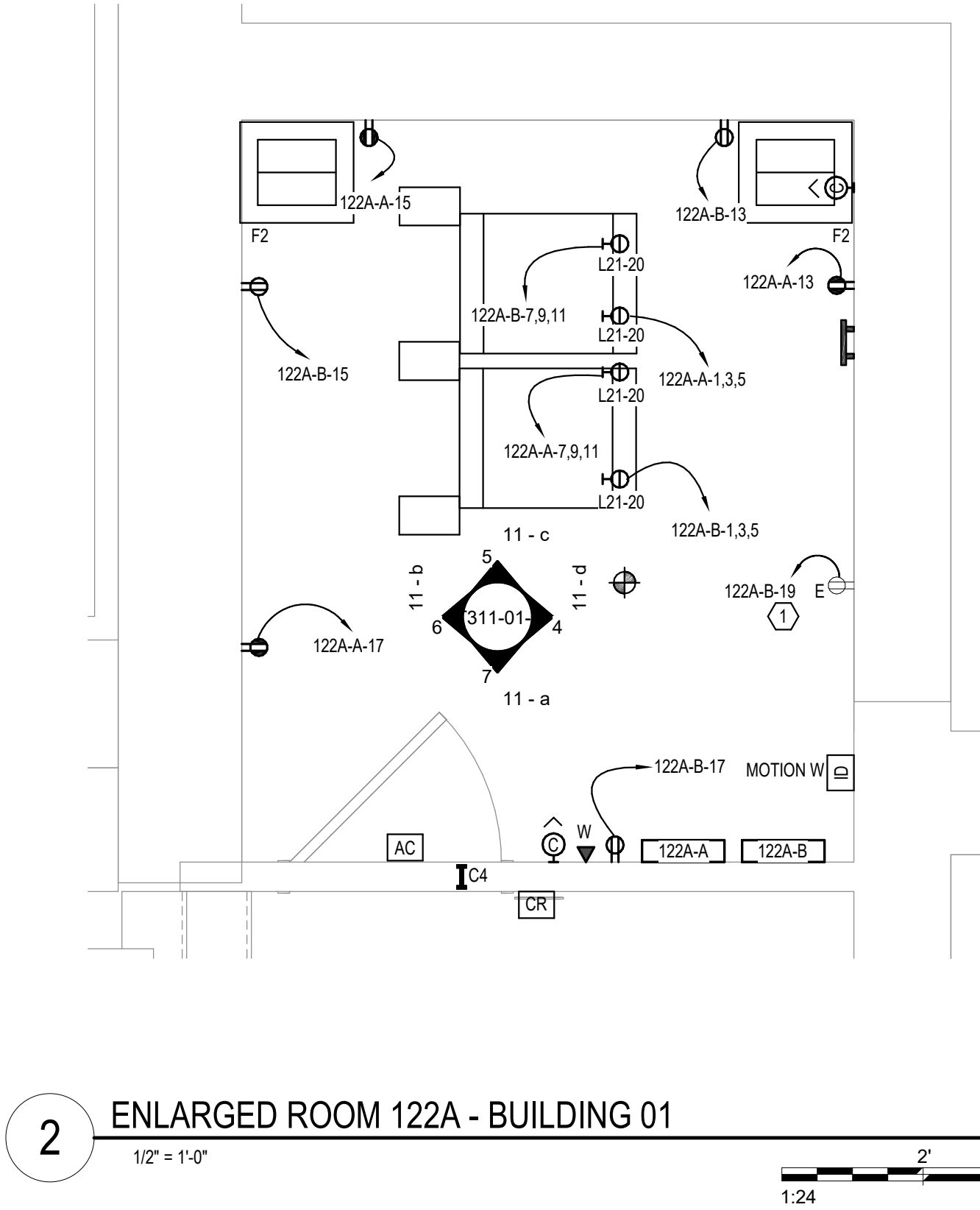
1. RECIRCUIT EXISTING RECEPTACLE AS SHOWN.



NOTES:

- COORDINATE FINAL RACK LAYOUT WITH OWNER'S ISIT REPRESENTATIVE.
- PROVIDE COMPONENTS NOT LISTED "BY OWNER".
- SEE SPECIFICATION FOR ADDITIONAL RACK COMPONENTS.
- COORDINATE EXACT RACK LOCATION WITH OWNER PRIOR TO PERMANENT INSTALLATION.
- REFER TO NEW WORK PLAN FOR RACK LOCATIONS.
- CONTRACTOR IS RESPONSIBLE FOR FINAL DEVICE COUNT AND QUANTITY OF PATCH PANELS, SWITCHES, FIBER ENCLOSURES, AND CABLE MANAGEMENT REQUIRED.
- COORDINATE INSTALLATIONS WITH OWNER'S ISIT REPRESENTATIVE.

3 RACK ELEVATION - ROOM 122A
NO SCALE



Revisions:	Date:

CONSULTANT

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

Drawing Title
ENLARGED ROOM 122A

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

Checked
KSB

Drawn
NMT

Project Number
438-20-910

Building Number
1

Drawing Number
T311-01-B

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LIGHTING PANEL: 122A-B

LOCATION: COMM 122A VOLTS: 208/120 WYE MAINS TYPE: MCB
 SUPPLY FROM: B2 PHASES: 3 MCB/MLO RATING: 100 A
 BRANCH: NORMAL WIRES: 4 MCB OPTIONS: NONE
 SERVICE RATED: No INTEGRAL SPD: Yes SECTIONS: 1
 MOUNTING: SURFACE AVAILABLE SCC (kA): 1.0 PANEL POLES: 42
 NEMA ENCLOSURE: 1

C...	CIRCUIT DESCRIPTION	OPT	RATI...	POL...	A	B	C	POL...	RATI...	OPT	CIRCUIT DESCRIPTION	C...	
1					1922...	0 VA						2	
3	PWR-C COMM 122A - RACK		20 A	3	1922 VA	0 VA		3	20 A	--	SPARE	4	
5	RECEPTACLE						1922 VA	0 VA				6	
7					1922...	0 VA		1	20 A	--	SPARE	8	
9	PWR-C COMM 122A - RACK		20 A	3	1922 VA	0 VA		1	20 A	--	SPARE	10	
11	RECEPTACLE						1922 VA	0 VA				12	
13	REC COMM 122A		20 A	1	180 VA	0 VA		1	20 A	--	SPARE	14	
15	REC COMM 122A		20 A	1	180 VA	0 VA		1	20 A	--	SPARE	16	
17	REC COMM 122A		20 A	1	180 VA	0 VA		1	20 A	--	SPARE	18	
19	REC		0 A	1	180 VA			1	20 A	--	SPARE	20	
21												22	
23												24	
25												26	
27												28	
29												30	
31												32	
33												34	
35												36	
37												38	
39												40	
41												42	
					TOTAL LOAD:	4204 VA	4024 VA	4024 VA					
					TOTAL AMPS:	35 A	34 A	34 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
REC	720 VA	100.00%	720 VA	CONNECTED LOAD: 12252 VA
PWR-NC	11532 VA	93.36%	10766 VA	CONNECTED CURRENT: 34 A
				DEMAND LOAD: 11486 VA
				DEMAND CURRENT: 32 A
				CONSIDER 125% DEMAND: 14356 A
				EQUIPMENT AMPS: 100 A
				FEEDER AVAILABLE:
				SPARE CAPACITY: 68 %
				68 A

OPTIONS:
 CIRCUIT BREAKER OPTIONS SUFFIX: 'S' OR 'ST' - PROVIDE SHUNT TRIP CIRCUIT BREAKER / 'G' OR 'GFCI' - PROVIDE GFCI CIRCUIT BREAKER / 'GFP' - PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSI' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS / 'R' - PROVIDE CIRCUIT BREAKER WITH RED MARKING

GENERAL REMARKS:
 A. PANEL AIC (INTERRUPTING) RATING SHALL BE MINIMUM 120% OF THE AVAILABLE SCC (SHORT CIRCUIT CURRENT).

LIGHTING PANEL: 122A-A

LOCATION: COMM 122A VOLTS: 208/120 WYE MAINS TYPE: MCB
 SUPPLY FROM: A2 PHASES: 3 MCB/MLO RATING: 100 A
 BRANCH: CRITICAL WIRES: 4 MCB OPTIONS: NONE
 SERVICE RATED: No INTEGRAL SPD: Yes SECTIONS: 1
 MOUNTING: SURFACE AVAILABLE SCC (kA): 1.0 PANEL POLES: 42
 NEMA ENCLOSURE: 1

C...	CIRCUIT DESCRIPTION	OPT	RATI...	POL...	A	B	C	POL...	RATI...	OPT	CIRCUIT DESCRIPTION	C...	
1					1922...	0 VA						2	
3	PWR-C COMM 122A - RACK		20 A	3	1922 VA	0 VA		3	20 A	--	SPARE	4	
5	RECEPTACLE						1922 VA	0 VA				6	
7					1922...	0 VA		1	20 A	--	SPARE	8	
9	PWR-C COMM 122A - RACK		20 A	3	1922 VA	0 VA		1	20 A	--	SPARE	10	
11	RECEPTACLE						1922 VA	0 VA				12	
13	REC COMM 122A		20 A	1	180 VA	0 VA		1	20 A	--	SPARE	14	
15	REC COMM 122A		20 A	1	180 VA	0 VA		1	20 A	--	SPARE	16	
17	REC COMM 122A		20 A	1	180 VA	0 VA		1	20 A	--	SPARE	18	
19	LTG COMM 122A		20 A	1	50 VA			1	20 A	--	SPARE	20	
21	SSIU-122/SSOU-122		25 A	2		1195 VA						22	
23							1195 VA					24	
25												26	
27												28	
29												30	
31												32	
33												34	
35												36	
37												38	
39												40	
41												42	
					TOTAL LOAD:	4074 VA	5219 VA	5219 VA					
					TOTAL AMPS:	34 A	45 A	45 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
LTG	50 VA	125.00%	62 VA	CONNECTED LOAD: 14512 VA
REC	540 VA	100.00%	540 VA	CONNECTED CURRENT: 40 A
MTR	2360 VA	124.22%	2360 VA	DEMAND LOAD: 14337 VA
PWR-NC	11532 VA	93.36%	10766 VA	DEMAND CURRENT: 40 A
				CONSIDER 125% DEMAND: 17921 A
				EQUIPMENT AMPS: 100 A
				FEEDER AVAILABLE:
				SPARE CAPACITY: 60 %
				60 A

OPTIONS:
 CIRCUIT BREAKER OPTIONS SUFFIX: 'S' OR 'ST' - PROVIDE SHUNT TRIP CIRCUIT BREAKER / 'G' OR 'GFCI' - PROVIDE GFCI CIRCUIT BREAKER / 'GFP' - PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSI' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS / 'R' - PROVIDE CIRCUIT BREAKER WITH RED MARKING

GENERAL REMARKS:
 A. PANEL AIC (INTERRUPTING) RATING SHALL BE MINIMUM 120% OF THE AVAILABLE SCC (SHORT CIRCUIT CURRENT).

Revisions:	Date:


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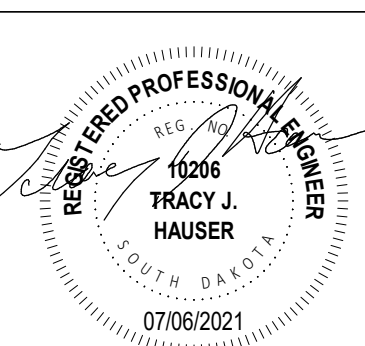
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TRACY J. HAUSER
07/06/2021

Office of Construction and Facilities Management



U.S. Department of Veterans Affairs

Drawing Title

PANEL SCHEDULES - BUILDING 1 - FIRST LEVEL - AREA B

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

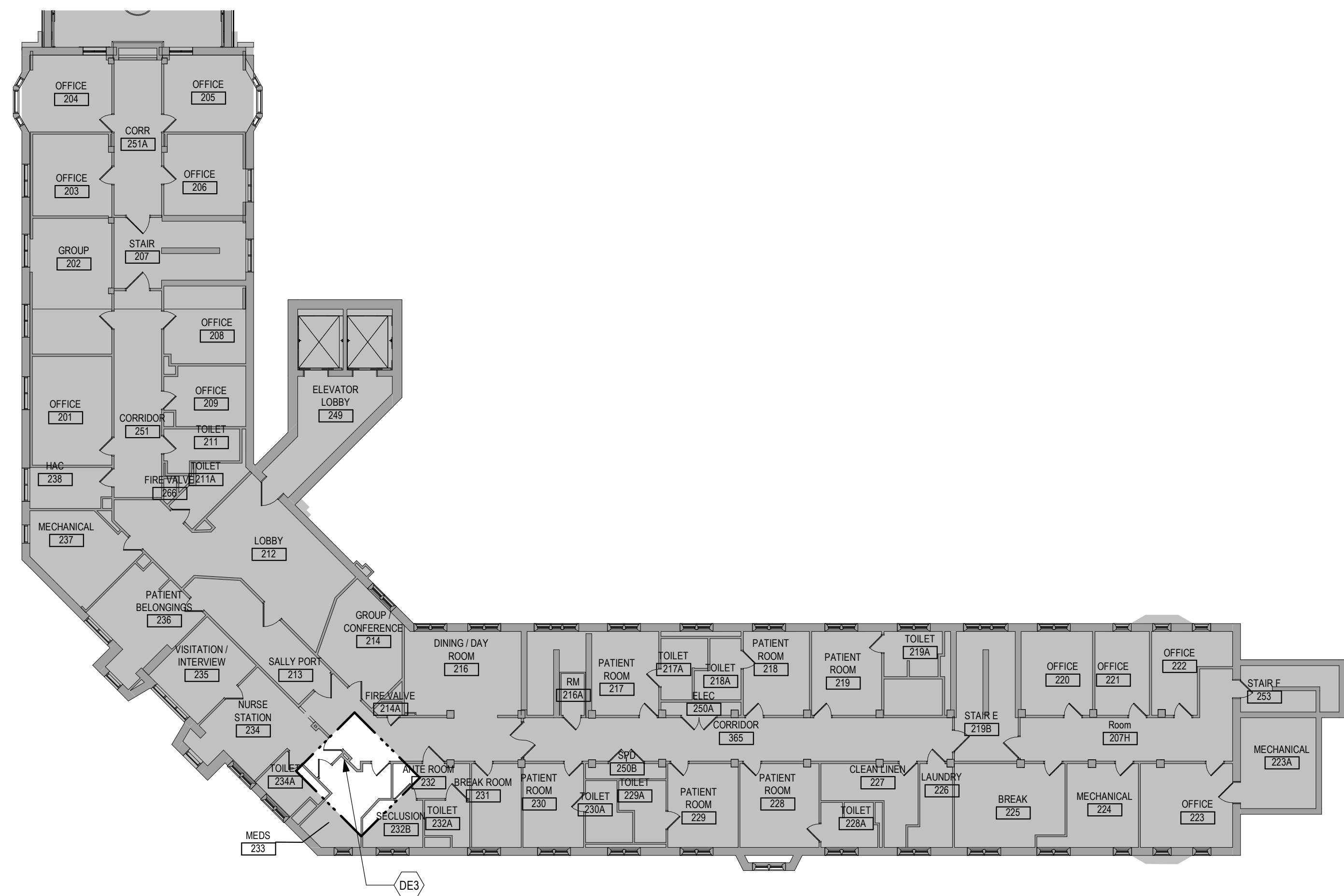
Checked
KSB

Drawn
NMT

Project Number
438-20-910

Building Number
1

Drawing Number
EE411-01-B



2 SECOND FLOOR DEMOLITION PLAN - BUILDING 1
1/16" = 1'-0"

DEMOLITION GENERAL NOTES

- GENERAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK, PHASING AND SEQUENCING WITH THE OWNER. ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THESE DOCUMENTS IS FOR ARCHITECT - OWNER'S PLANNING PURPOSES ONLY, UNLESS NOTED OTHERWISE.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL TRADES FOR THE DEMOLITION WORK REQUIRED FOR THIS PROJECT.
- WHERE PARTITIONS ARE INDICATED TO BE REMOVED, REMOVE PARTITION ALONG WITH ALL ITEMS CONTAINED WITHIN, INCLUDING DOORS, FRAMES, HARDWARE, SIDLIGHTS, WINDOWS, MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. TO STRUCTURE ABOVE, UNLESS NOTED OTHERWISE.
- WHERE FLOOR FINISH IS INDICATED TO BE DEMOLISHED, REMOVE FINISH TO FLOOR SLAB AS REQUIRED AND PREPARE SLAB SURFACE FOR SCHEDULED FINISH WITHIN AREA TO BE REMODELED, UNLESS NOTED OTHERWISE. SEE FINISH SCHEDULE FOR EXISTING FLOOR FINISHES TO REMAIN UNDISTURBED.
- WHERE CEILING IS INDICATED TO BE DEMOLISHED, REMOVE CEILING SUSPENSION SYSTEM ALONG WITH ALL ASSOCIATED MECHANICAL AND ELECTRICAL ITEMS, UNLESS NOTED OTHERWISE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF CONDUIT, PIPING AND DUCTWORK DEMOLITION WITHIN AREA TO BE REMODELED.
- WHERE INDICATED, REMOVE ALL WALL/PARTITION EXISTING FINISHES AND PREPARE THE SURFACES FOR SCHEDULED FINISHES. SEE FINISH SCHEDULE FOR FINISHES.
- ALL DISTURBED AREAS, WALLS, PARTITIONS, FLOORS, ETC. DAMAGED BY DEMOLITION WORK SHALL BE PATCHED TO MATCH ADJACENT AREA.
- OWNER RESERVES THE RIGHT OF FIRST REFUSAL OF ALL SALVAGED ITEMS SUCH AS: DOORS, LIGHT FIXTURES, PLUMBING FIXTURES ETC.
- SALVAGED ITEMS SCHEDULED FOR REUSE SHALL BE CLEANED, RESTORED AND/OR REFINISHED TO LIKE NEW CONDITION, UNLESS NOTED OTHERWISE.
- DO NOT REMOVE ANY EXISTING STRUCTURAL SUPPORT MEMBERS SUCH AS COLUMNS, BEAMS, JOISTS, LOAD-BEARING PARTITIONS ETC. UNTIL ADEQUATE PERMANENT OR TEMPORARY SUPPORT IS IN PLACE. ALL EXISTING STRUCTURAL MEMBERS SHALL BE ADEQUATELY PROTECTED. COORDINATE WITH STRUCTURAL ENGINEER.
- SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED DEMOLITION AND PREP WORK.
- WALL AND CEILING MOUNTED ITEMS SHOWN DASHED, SUCH AS WALL CABINETS, SHELVE, CURTAIN TRACKS, PROJECTION SCREENS ETC. SHALL BE REMOVED, UNLESS NOTED OTHERWISE.
- WITHIN ALL EXISTING ROOMS/SPACES RECEIVING SCHEDULED FLOOR, OR WALL, OR CEILING FINISHES, REMOVE ALL EXISTING FLOOR, OR WALL, OR CEILING FINISHES DOWN TO THE SUBSTRATE. INCLUDE THE REMOVAL OF ALL ITEMS LOCATED WITHIN THE EXISTING FINISH REMOVALS UNDO PATCH AND PREP ALL SUBSTRATES TO RECEIVE SCHEDULED FINISHES. FOR ADDITIONAL INFORMATION, SEE KEYNOTED ITEMS, FINISH PLANS AND/OR SCHEDULES, STRUCTURAL, MECHANICAL AND ELECTRICAL.
- THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS. THIS WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. SEE MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY PLANS FOR ADDITIONAL WORK.

NOTE:
COORDINATE GENERAL DEMOLITION WORK
WITH ABATEMENT AND REMEDIATION WORK.

DEMOLITION PLAN SYMBOLS

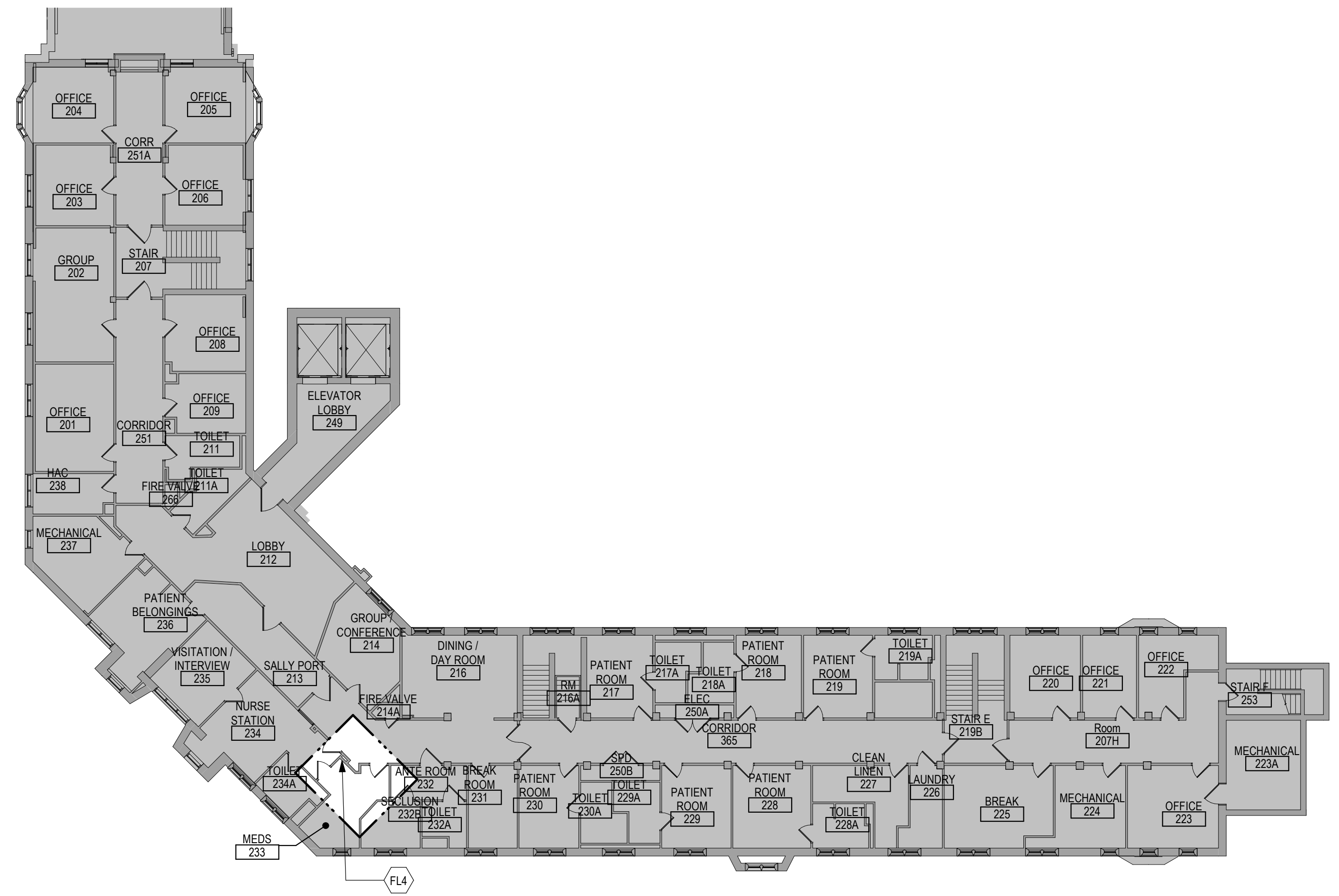
	EXISTING WALL TO REMAIN
	WALL OR PARTITION TO BE REMOVED
	DASHED LINE INDICATES ITEM TO BE REMOVED (UNO)
	GRIDLINE
	KEY NOTE

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

DEMOLITION PLAN KEYED NOTES

- (DE1) REMOVE FLOOR FINISH IN ITS ENTIRETY. PATCH & PREP FLOOR FOR SCHEDULED FINISH. SEE SPECIFICATION SECTION 09 05 16 SUBSURFACE PREPARATION FOR FLOOR FINISHES
- (DE2) REMOVE CEILING IN ITS ENTIRETY, INCLUDING ALL MECHANICAL & ELECTRICAL ITEMS. SEE MECHANICAL / ELECTRICAL
- (DE3) REMOVE GYP BD ON ONE SIDE OF PARTITION AS REQUIRED. SEE PLANS AND MECHANICAL / ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- (DE4) CUT OPENING IN PARTITION AS REQUIRED FOR INSTALLATION OF DOOR AND FRAME AS SCHEDULED. SEE PLAN
- (DE5) REMOVE PORTION OF CEILING AS REQUIRED. SEE PLANS FOR ADDITIONAL INFORMATION
- (DE6) REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED PIPING. -SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION
- (DE7) REMOVE BASE CABINETS, UPPER CABINETS, TALL CABINETS AND/OR COUNTERTOP
- (DE8) REMOVE CEILING IN THIS AREA AS REQUIRED FOR MEP WORK. SALVAGE CEILING WHERE APPROPRIATE FOR REINSTALLATION. SEE PLANS FOR ADDITIONAL WORK
- (DE9) REMOVE CONDUITS THROUGH FLOOR. SEE PLAN FOR ADDITIONAL INFORMATION
- (DE10) REMOVE PARTITION MOUNTED MIRROR AND ALL ASSOCIATED HARDWARE. SALVAGE FOR REINSTALLATION
- (DE11) REMOVE SURFACE MOUNTED PLYWOOD. TEMPORARILY SUPPORT ANY EQUIPMENT. SEE ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION
- (DE12) REMOVE COVED CONCRETE BASE AT PARTITION.
- (DE13) REMOVE PREMANUFACTURED PLASTIC LOCKER(S). SALVAGE FOR REINSTALLATION
- (DE14) REMOVE RAISED FLOOR SYSTEM IN ITS ENTIRETY AND METAL RAMP
- (DE15) REMOVE PORTION OF MEMBRANE ROOFING SYSTEM. SEE FLOOR/ROOF PLAN FOR ADDITIONAL INFORMATION
- (DE16) REMOVE PORTION OF MEMBRANE ROOFING SYSTEM. IN PREPARATION FOR RESLOPING AND REROOFING. SEE FLOOR/ROOF PLAN FOR ADDITIONAL INFORMATION
- (DE17) REMOVE ROOF DRAIN AND ASSOCIATED PIPING. SEE MECHANICAL FOR ADDITIONAL INFORMATION
- (DE18) not used
- (DE19) CUT OPENING IN BRICK AND METAL STUD BACK UP WALL FOR DOOR AND FRAME AS SCHEDULED. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION
- (DE20) REMOVE PARTIAL HEIGHT CERAMIC TILE AT SINK
- (DE21) REMOVE METAL RADIATOR COVER
- (DE22) REMOVE SURFACE APPLIED WALL COVERING, TRIM, VINYL BASE AND / OR CRACK / HAND RAIL AS NEEDED
- (DE23) REMOVE DOOR, FRAME AND ALL ASSOCIATED HARDWARE. SALVAGE FOR REINSTALLATION. SEE PLAN
- (DE24) REMOVE ALUMINUM WINDOW SYSTEM AND ALL ASSOCIATED HARDWARE. REMOVE CAST STONE SILL, EXTERIOR, AND SOLID SURFACE SILL, INTERIOR.
- (DE25) CUT OPENING IN PARTITION AS REQUIRED FOR INSTALLATION OF EDGE ILLUMINATED PHOTO MURALS
- (DE26) SAW CUT FACE BRICK AND REMOVE PORTION OF WALL. SEE PLAN FOR ADDITIONAL INFORMATION

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN



1 SECOND LEVEL PARTIAL FLOOR PLAN - BUILDING 1
1/16" = 1'-0"

GENERAL NOTES

- THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS. THIS WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. SEE MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY PLANS FOR ADDITIONAL WORK.
- CONTRACTORS SHALL VISIT THE SITE DURING BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. THE GENERAL CONTRACTOR SHALL LOCATE, INSPECT AND FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO DEMOLITION AND CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- WHEREVER OPENINGS ARE CUT THROUGH FIRE RATED PARTITIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR WHOM THE HOLE IS CUT TO PATCH AND REPAIR ANY OPENING TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
- GENERAL CONTRACTOR TO CHECK MECHANICAL DRAWINGS FOR EXISTING PIPES AND DUCTS FURRED IN WALLS. VERIFY SIZE AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO PROCEEDING WITH REMODELING.
- FIREPROOFING SHALL BE UNIMPACTED. ANY SUBCONTRACTOR PENETRATING THE FIREPROOFING SHALL BE REQUIRED TO REPLACE FIREPROOFING TO THE ORIGINAL CONDITION AND FIRE RATING. AT THE SUBCONTRACTOR'S EXPENSE.
- EQUIPMENT UNIT DIMENSIONS ARE FOR PRODUCT DESCRIPTION ONLY. VERIFY SIZE WITH MANUFACTURER.
- ALL DIMENSIONS PERTAINING TO MECHANICAL OR ELECTRICAL SERVICES OR EQUIPMENT SHALL BE VERIFIED WITH THE RESPECTIVE TRADE.
- ALL CONTRACTORS THAT PENETRATE AND/OR DISTURB ANY AREAS AT EXISTING CONDITIONS SHALL PATCH AREA TO MATCH EXISTING ADJACENT AREA OR SURFACE AND PREPARE FOR SCHEDULED FINISH APPLICATION. COORDINATE WITH GENERAL CONTRACTOR PRIOR TO PROCEEDING.
- VERIFY HEIGHTS AND LOCATIONS OF ACCESS PANELS (AP) AND COORDINATE TYPES WITH TRADES WHICH REQUIRE THEM.
- PROVIDE LINTELS AND FRAMING FOR GRILLES, LOUVERS, AND ROOF VENTS AS REQUIRED BY MECHANICAL CONTRACTOR. VERIFY SIZE AND LOCATION.
- STRUCTURAL, MECHANICAL, AND ELECTRICAL ABBREVIATIONS AND SYMBOLS MAY DIFFER FROM ARCHITECTURAL. SEE RESPECTIVE SECTIONS AND/OR DRAWINGS FOR DEFINITIONS.
- AT MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, PROVIDE 3/4" FRT PLYWOOD BACKING BEHIND ALL SURFACE MOUNTED FIXTURES AND EQUIPMENT, UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL EVALUATE INTEGRITY OF ALL PARTITIONS INDICATED BY SYMBOLS ON THE LIFE SAFETY PLANS WITHIN THE PROJECT SCOPE AND UPGRADE AS REQUIRED. ALL FIRE RESISTIVE RATED WALLS SHALL BE CONSTRUCTED OF MATERIALS ASSEMBLIES MEETING THE RATING INDICATED, TERMINATE AT THE DECK ABOVE WITH A TESTED HEAD OF WALL ASSEMBLY AND ALL PENETRATIONS SHALL BE SEALED WITH A TESTED ASSEMBLY. ALL SMOKE PARTITIONS SHALL BE CONSTRUCTED OF MATERIALS THAT RESIST THE PASSAGE OF SMOKE. TERMINATE AT THE DECK ABOVE WITH A JOINT SEALED WITH FIRE CALK AND ALL PENETRATIONS SHALL BE SEALED WITH FIRE CALK.

FLOOR PLAN SYMBOLS

	EXISTING WALL TO REMAIN	8'-0"	DIMENSION LINE, NOMINAL
	WALL	8'-0"	EXTENDED DIMENSION LINE, NOMINAL
	EXISTING DOOR AND FRAME TO REMAIN	1A AE211	INTERIOR ELEVATION INDICATOR TAG
	DOOR	1A AE201	EXTERIOR ELEVATION INDICATOR TAG
	INTERIOR BORROWED LIGHT	B3	EQUIPMENT TAG
	WALL TAG	B3	FLOOR SPOT ELEVATION
	ROOM NAME AND NUMBER	101	DETAIL REFERENCE TAG
	KEY NOTE	DE10	DETAIL REFERENCE TAG
	INTERIOR SECTION REFERENCE TAG	1A AE201	EXTERIOR SECTION REFERENCE TAG
	REVISION TAG	PR01	REVISION CLOUD
	GRIDLINE	A	SIGN TAG

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

FLOOR PLAN KEYED NOTES

- (FL1) PATCH PARTITION, BOTH SIDES. AS REQUIRED FROM MECHANICAL / ELECTRICAL WORK. SEE MECHANICAL / ELECTRICAL FOR ADDITIONAL INFORMATION.
- (FL2) PATCH PARTITION, WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES. WHERE EXISTING FINISHES ARE DISTURBED PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.
- (FL3) INFILL FLOOR TO MATCH EXISTING HEIGHT. SEE STRUCTURAL
- (FL4) PATCH PARTITION, WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES. AS REQUIRED FROM DEMOLITION. WHERE EXISTING FINISHES ARE DISTURBED PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.
- (FL5) PROVIDE PLYWOOD 3 SIDES OF ROOM. SEE TYPICAL ELEVATIONS SHEET AE211
- (FL6) INFILL OPENING IN CONCRETE FLOOR. SEE STRUCTURAL FOR ADDITIONAL INFORMATION. PREP FLOOR FOR FINISHES AS SCHEDULED.
- (FL7) PATCH FLOOR AT REMOVED ELECTRICAL. PREP FLOOR FOR FINISHES AS SCHEDULED.
- (FL8) REINSTALL SALVAGED DOOR, FRAME AND ALL ASSOCIATED HARDWARE.
- (FL9) REINSTALL SALVAGED LOCKER(S). PROVIDE PREMANUFACTURED BASE, FINISHED END PANEL(S) AND SLOPED TOP(S) TO MATCH EXISTING.
- (FL10) REINSTALL SALVAGED SIGN(S)
- (FL11) REINSTALL SALVAGED CEILING REMOVED FOR INSTALLATION OF MEP ITEMS. SEE MEP PLANS FOR ADDITIONAL INFORMATION
- (FL12) MODIFY BASE AND SLOPED TOP AT EXISTING LOCKERS. PROVIDE PREMANUFACTURED FINISHED END PANEL(S) TO MATCH EXISTING.
- (FL13) PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION. WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 3 / AF600
- (FL14) PATCH FLOORING TO MATCH EXISTING FLOORING AS REQUIRED. CONTRACTOR TO PROVIDE LABOR AND MATERIALS.
- (FL15) PATCH CONCRETE FLOOR AT REMOVED PARTITION AND/OR CONCRETE COVE BASE. PREP FOR FINISHES AS SCHEDULED.
- (FL16) EDGE ILLUMINATED PHOTO MURALS. RECESSED IN PARTITION. FOR ADDITIONAL INFORMATION SEE ELEVATION 8 / AE211
- (FL17) FINISH WALLS TO MATCH EXISTING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 2 / AF600
- (FL18) PAINT WALLS P-1
- (FL19) PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION. WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 4 / AF600
- (FL20) FINISH WALLS TO MATCH EXISTING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 5 / AF600
- (FL21) PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION. WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 6 / AF600

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

<p>Revisions:</p>	<p>CONSULTANT</p>	<p>ARCHITECT/ENGINEER OF RECORD</p>	<p>STAMP</p>	<p>Office of Construction and Facilities Management</p>	<p>Drawing Title</p> <p>SECOND LEVEL DEMOLITION, FLOOR & ENLARGED PLANS - BUILDING 1</p>	<p>Phase</p> <p>BID DOCUMENTS</p>	<p>Project Title</p> <p>VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES</p>	<p>Project Number</p> <p>438-20-910</p>		
	<p>Date:</p>	<p>SPECIALIZED ENGINEERING SOLUTIONS</p> <p>10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5520 www.specializedeng.com</p>	<p>13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090</p>	<p>U.S. Department of Veterans Affairs</p>	<p>Approved:</p>	<p>FULLY SPRINKLERED</p>	<p>Location</p> <p>Sioux Falls, SD</p>	<p>Issue Date</p> <p>07/04/21</p>	<p>Checked</p> <p>Author</p>	<p>Building Number</p> <p>01</p>

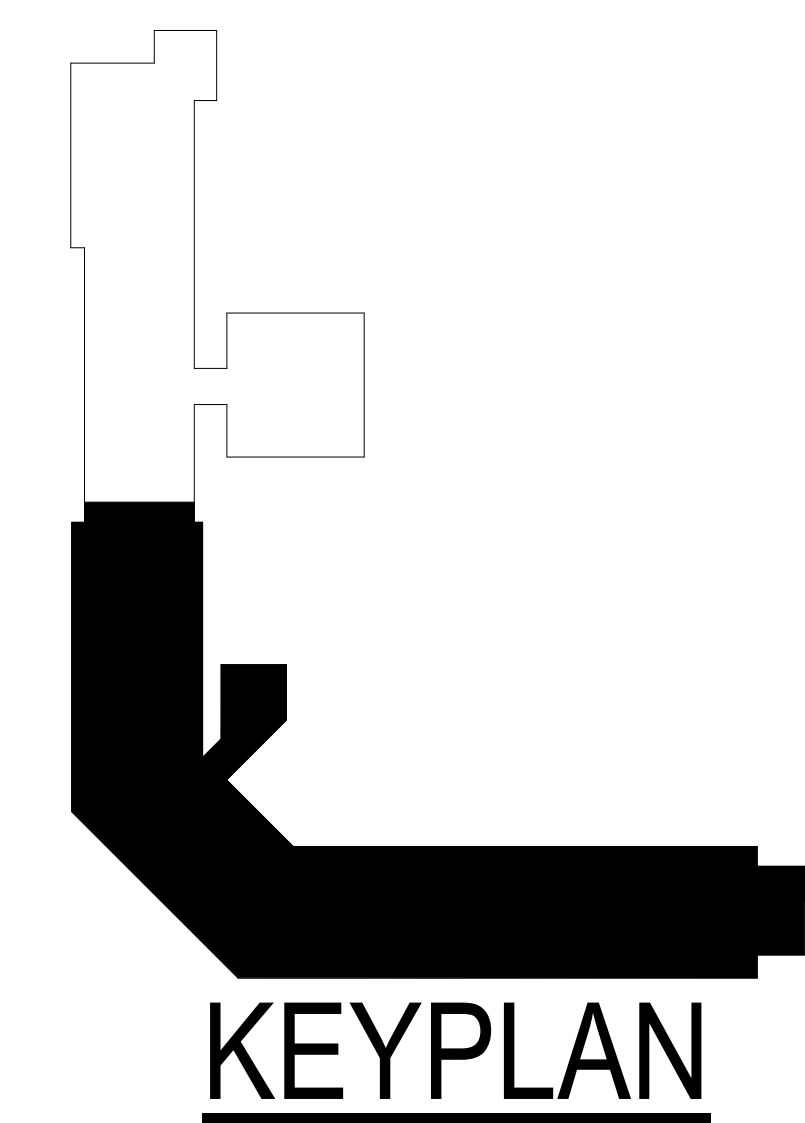
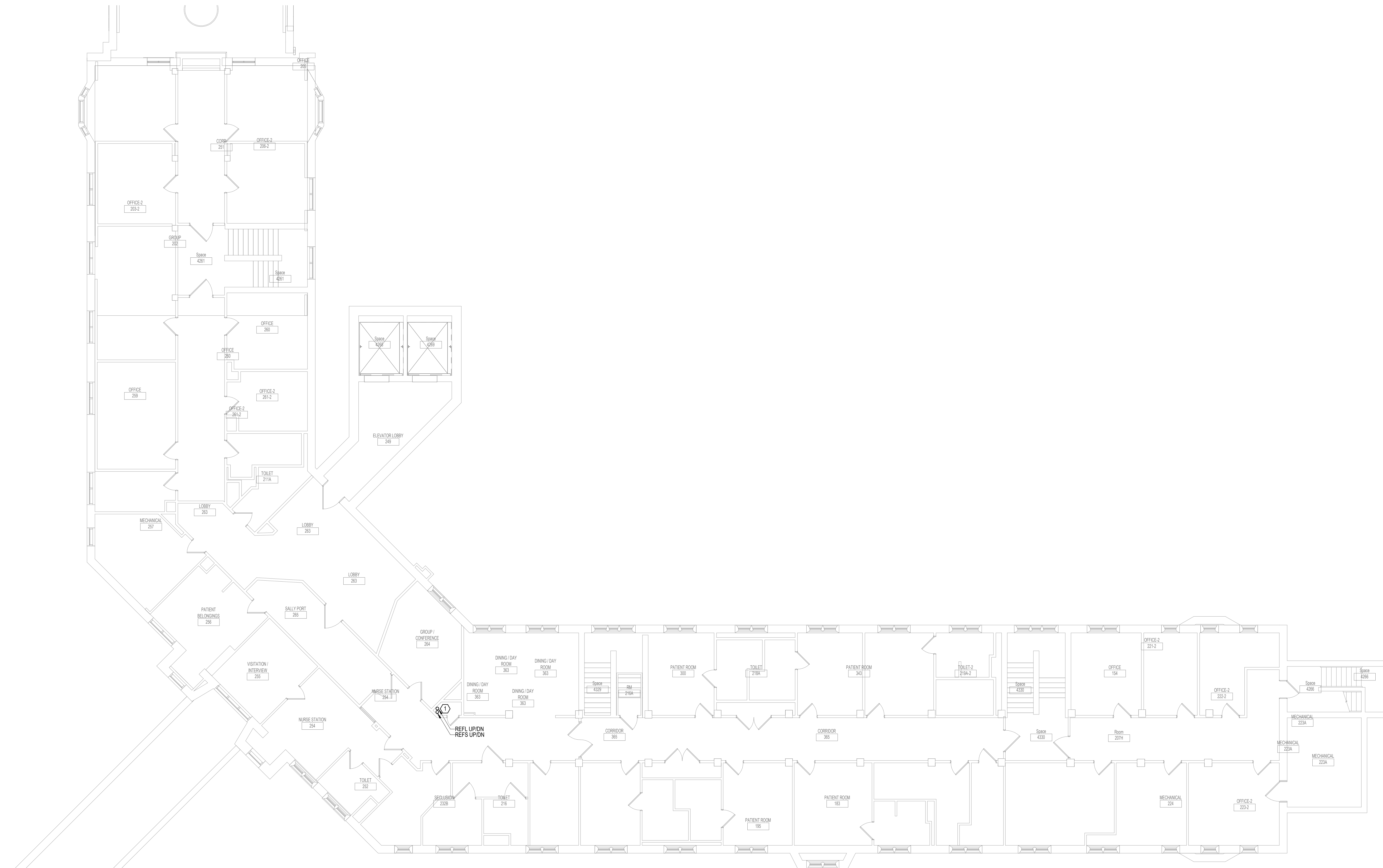
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GENERAL NOTES:

- 1. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- 2. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT, ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- 3. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
- 4. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

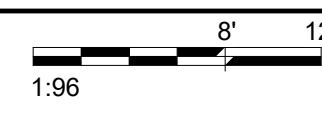
SHEET NOTES:

- 1. ROUTE REFRIGERANT PIPING UP TO THIRD FLOOR TELECOM ROOM, COORDINATE POSITION AND ROUTING WITH EXISTING CONDITIONS.



1 SECOND LEVEL PIPING FLOOR PLAN - BUILDING 1 - AREA A

1/8" = 1'-0"



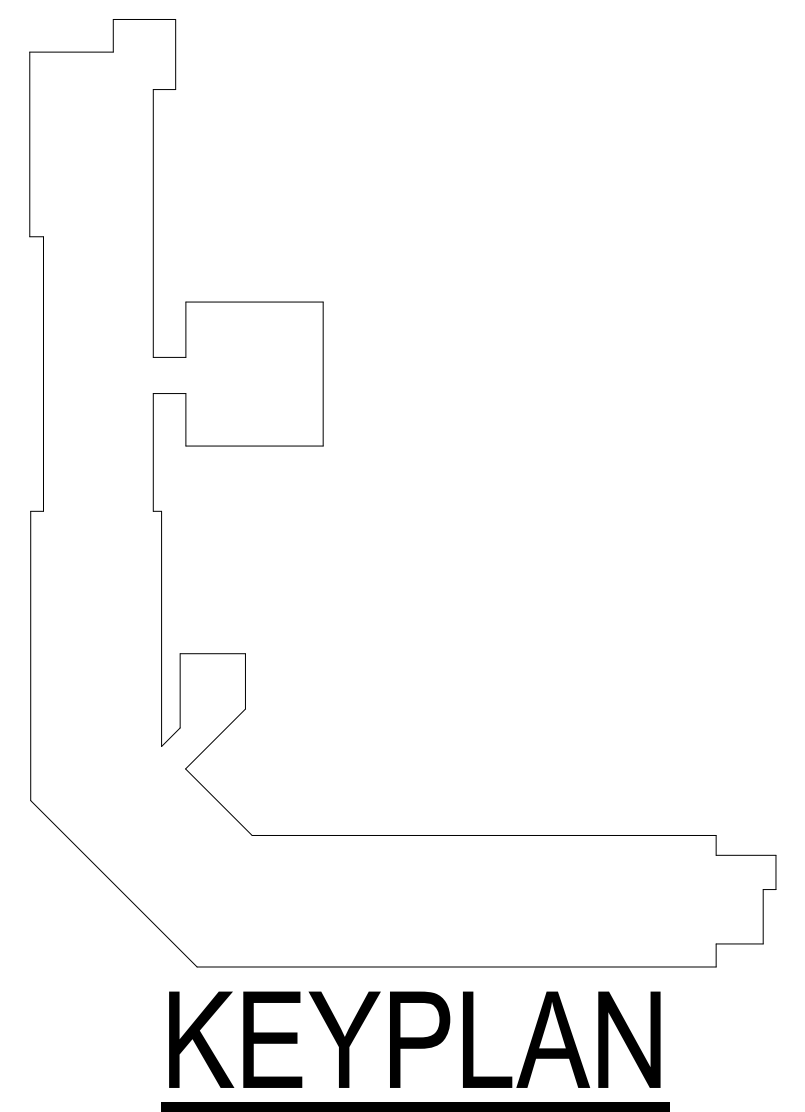
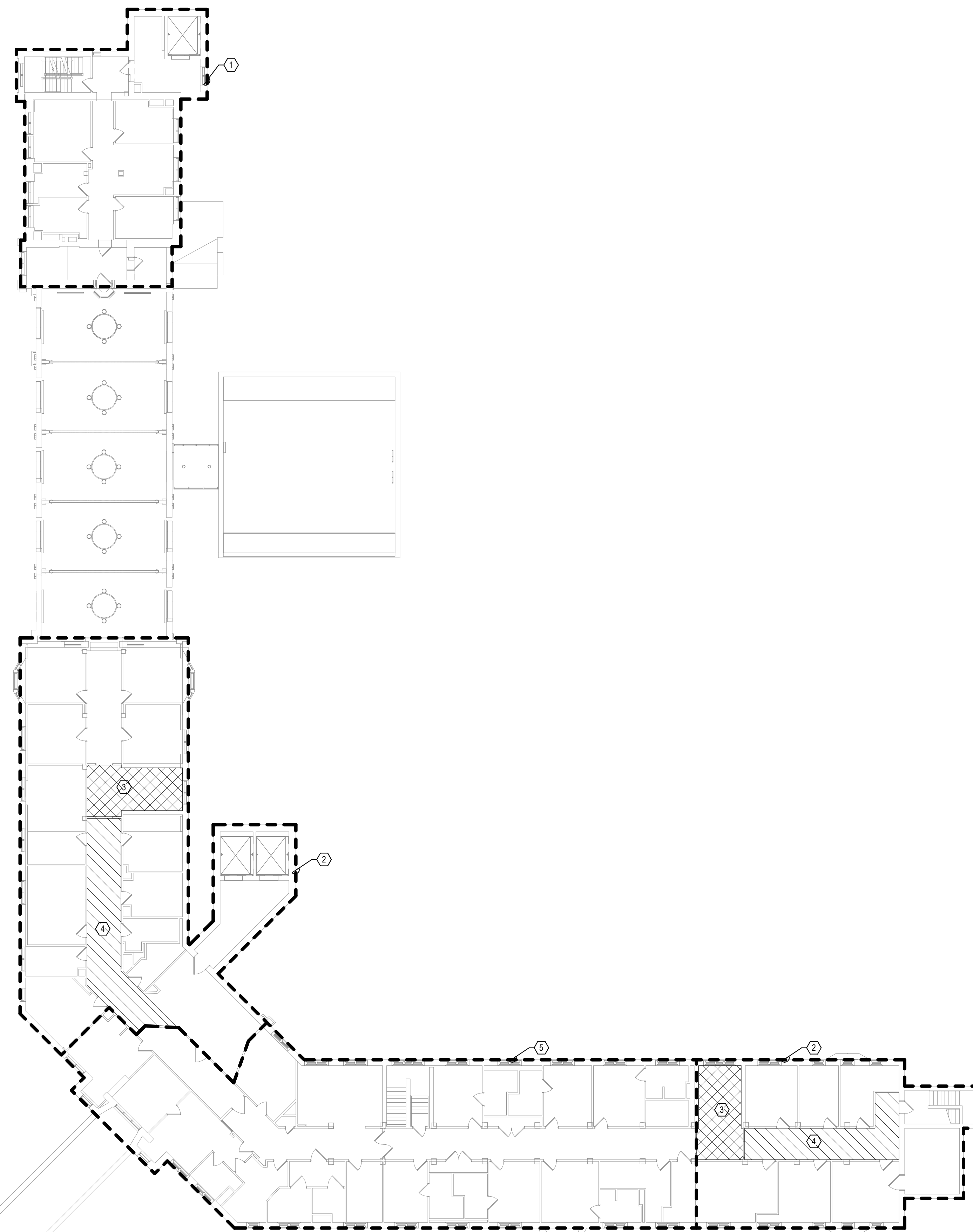
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Revisions:	Date:

CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090	STAMP 	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title SECOND LEVEL PIPING FLOOR PLAN - BUILDING 1 - AREA A Approved:	Phase BID DOCUMENTS FULLY SPRINKLERED	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES Location Sioux Falls, SD Issue Date 07/06/2021 Checked EGS Drawn PHV	Project Number 438-20-910 Building Number 1 Drawing Number MP121-01-A

SHEET NOTES:

1. AREA IS RECENTLY RENOVATED AND FED FROM ROOM 122A. NO RECABLING IS ANTICIPATED IN THIS AREA.
2. RECABLE ALL CAT 5E AND LOWER CABLES TO ROOM 313 IN FLOOR ABOVE.
3. EXT STAIR ENCLOSURE. DO NOT ROUTE NEW CABLING THROUGH THIS SPACE.
4. ROUTE NEW CABLING IN J-HOOKS IN THIS AREA.
5. ROUTE NEW CABLING EXISTING CONDUITS IN THIS AREA TO ROOM 313 IN FLOOR ABOVE. CEILING IN THIS AREA ARE GYPSUM BOARD CEILING.



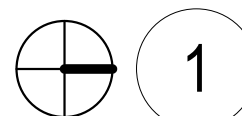
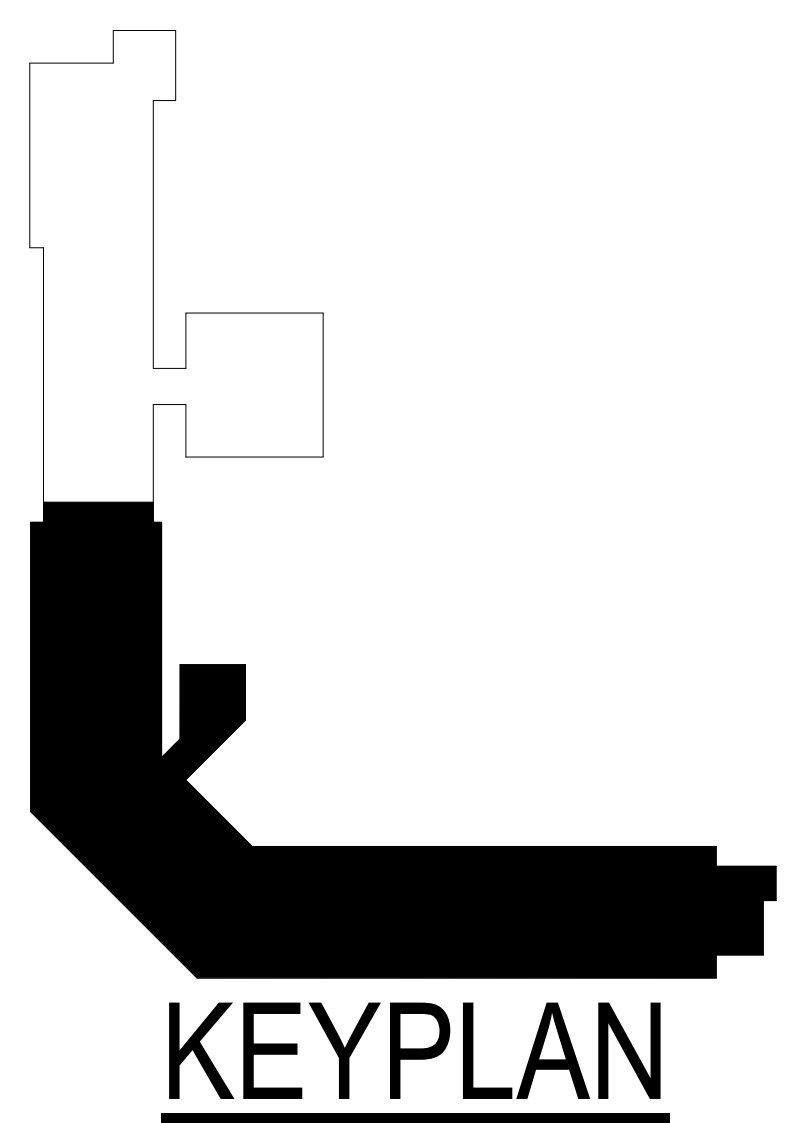
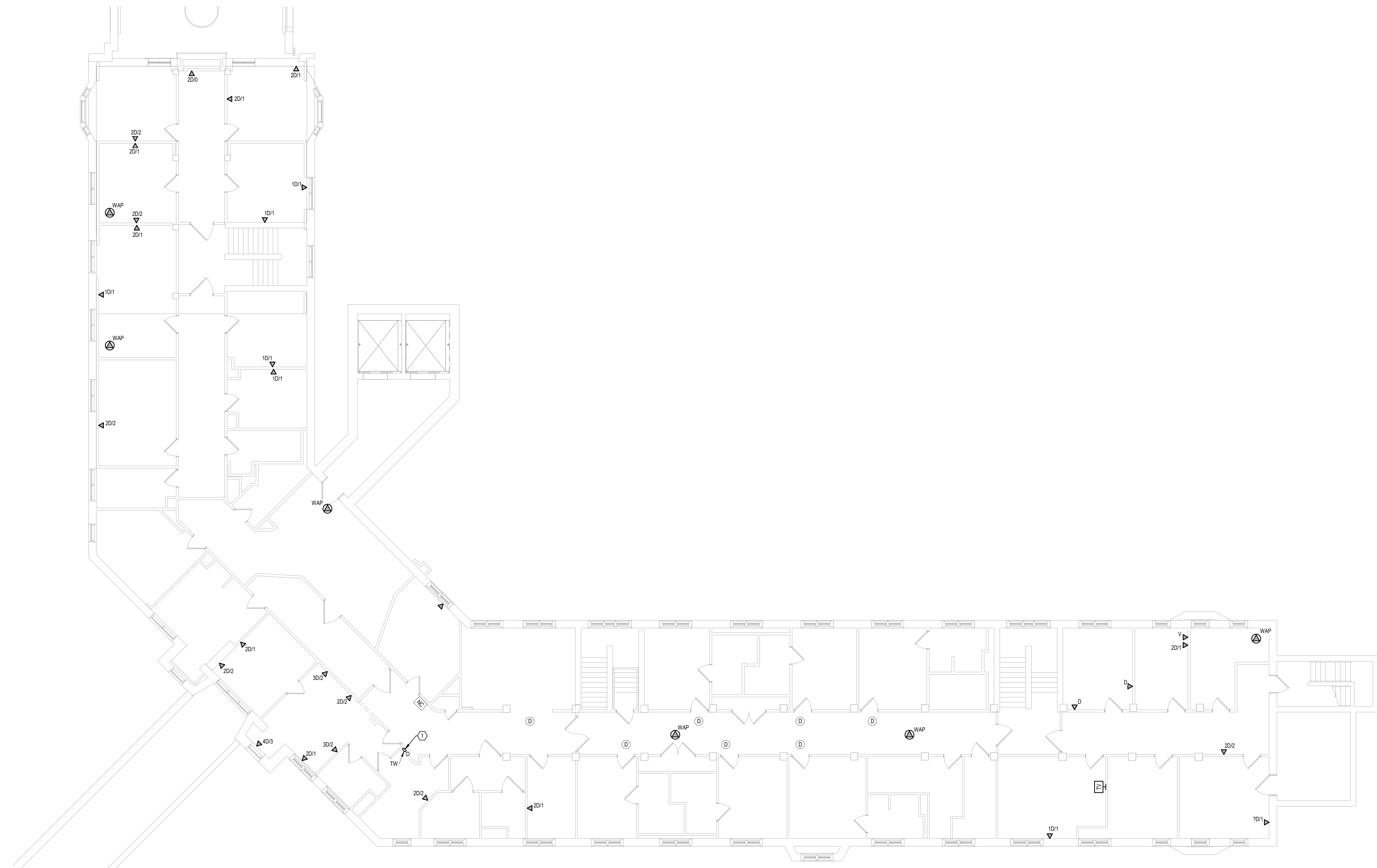
1 SECOND LEVEL ELECTRICAL FLOOR PLAN - BUILDING 1 - OVERALL
1/16" = 1'-0"

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SHEET NOTES:
 1. EXISTING TELEPHONE WALL FIELD IN EXISTING CABINET TO BE DEMOLISHED.
 NEW COPPER BACKBONE TO BE PROVIDED ON PATCH PANELS IN TELECOMMUNICATIONS RACK. REFER TO CABLING NOTES AND NEW WORK PLANS FOR ADDITIONAL REQUIREMENTS.



1 SECOND LEVEL ELECTRICAL DEMOLITION FLOOR PLAN - BUILDING 1 - AREA A

1/8" = 1'-0"



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Anderson Engineering of Minnesota, LLC | Proj # 16090

STAMP

Office of Construction and Facilities Management

Drawing Title
SECOND LEVEL ELECTRICAL DEMOLITION FLOOR PLAN - BUILDING 1 - AREA A

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
 Sioux Falls, SD

Issue Date
 07/06/2021

Checked
 KSB

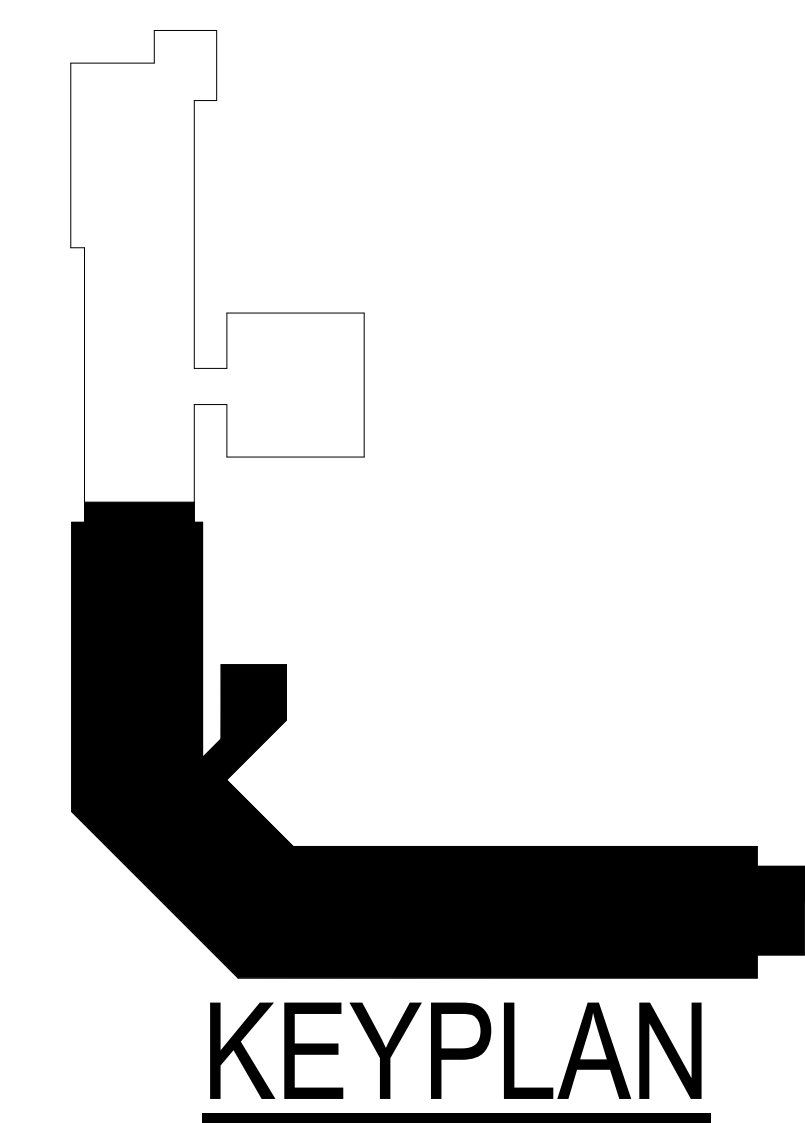
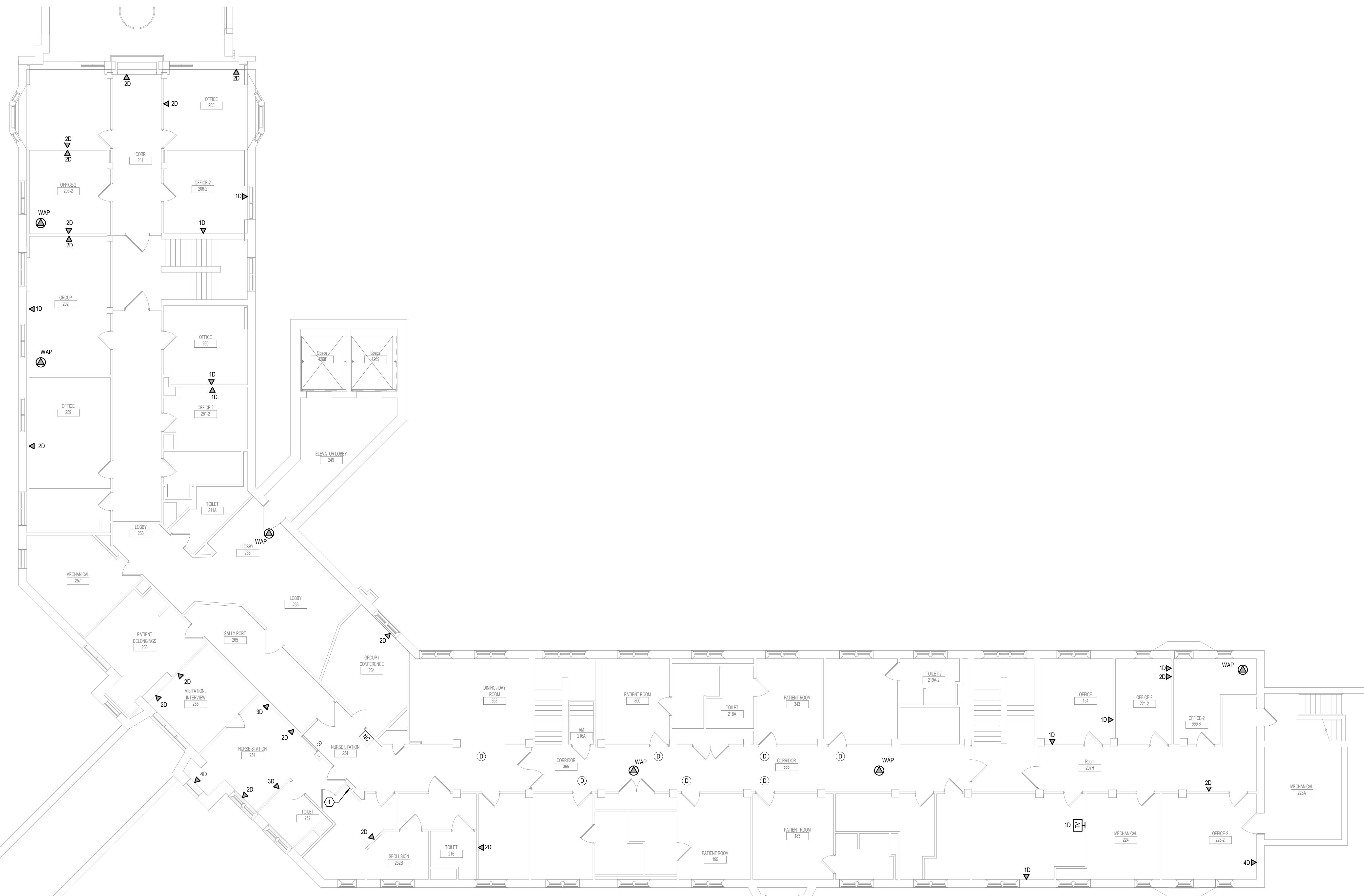
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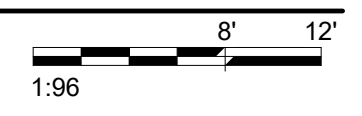
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Drawing Number
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SHEET NOTES:
 1. PROVIDE NEW CONDUIT IN CHASE AND THROUGH RECESSED TELECOMMUNICATIONS ENCLOSURE IN THIS LOCATION TO ACCOMMODATE PHASING AND CABLE REPLACEMENT. EXISTING CONDUIT MAY BE REUSED FOR NEW CABLING.



1 SECOND LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 1 - AREA A
 1/8" = 1'-0"



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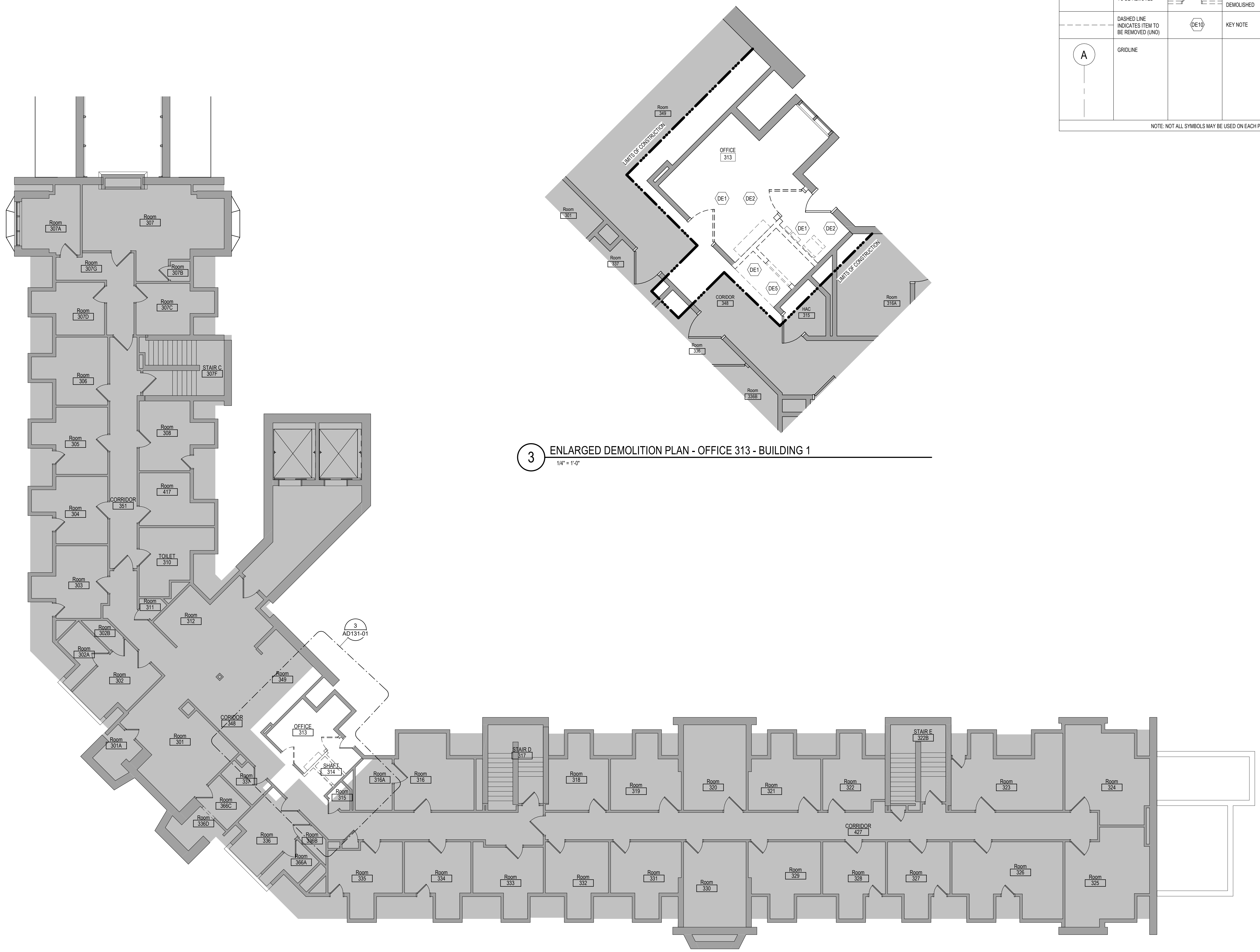
CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090	STAMP Nathan Timm BICSI ID # 346555 EXPIRES 12-31-20	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title SECOND LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 1 - AREA A	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910
				Approved:	FULLY SPRINKLERED	Location Sioux Falls, SD	Building Number 1
				Issue Date 07/06/2021	Checked KSB	Drawn NMT	Drawing Number TN121-01-A

DEMOLITION PLAN SYMBOLS			
	EXISTING WALL TO REMAIN		EXISTING DOOR AND FRAME TO REMAIN
	WALL OR PARTITION TO BE REMOVED		EXISTING DOOR AND FRAME TO BE DEMOLISHED
	DASHED LINE INDICATES ITEM TO BE REMOVED (UNO)		KEY NOTE
	GRIDLINE		

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

- ### DEMOLITION GENERAL NOTES
- GENERAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK, PHASING AND SEQUENCING WITH THE OWNER. ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THESE DOCUMENTS IS FOR ARCHITECT - OWNER PLANNING PURPOSES ONLY, UNLESS NOTED OTHERWISE.
 - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL TRADES FOR THE DEMOLITION WORK REQUIRED FOR THIS PROJECT.
 - WHERE PARTITIONS ARE INDICATED TO BE REMOVED, REMOVE PARTITION ALONG WITH ALL ITEMS CONTAINED WITHIN INCLUDING DOORS, FRAMES, HARDWARE, SIDELIGHTS, WINDOWS, MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. TO STRUCTURE ABOVE, UNLESS NOTED OTHERWISE.
 - WHERE FLOOR FINISH IS INDICATED TO BE DEMOLISHED, REMOVE FINISH TO FLOOR SLAB AS REQUIRED AND PREPARE SLAB SURFACE FOR SCHEDULED FINISHES WITHIN AREA TO BE REMOVED, UNLESS NOTED OTHERWISE. SEE FINISH SCHEDULE FOR EXISTING FLOOR FINISHES TO REMAIN UNDISTURBED.
 - WHERE CEILING IS INDICATED TO BE DEMOLISHED, REMOVE CEILING SUSPENSION SYSTEM ALONG WITH ALL ASSOCIATED MECHANICAL AND ELECTRICAL ITEMS, UNLESS NOTED OTHERWISE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF CONDUIT, PIPING AND DUCTWORK DEMOLITION WITHIN AREA TO BE REMOVED.
 - WHERE INDICATED, REMOVE ALL WALL/PARTITION EXISTING FINISHES AND PREPARE THE SURFACES FOR SCHEDULED FINISHES. SEE FINISH SCHEDULE FOR FINISHES.
 - ALL DISTURBED AREAS, WALLS, PARTITIONS, FLOORS, ETC. DAMAGED BY DEMOLITION WORK SHALL BE PATCHED TO MATCH ADJACENT AREA.
 - OWNER RESERVES THE RIGHT OF FIRST REFUSAL OF ALL SALVAGED ITEMS SUCH AS DOORS, LIGHT FIXTURES, PLUMBING FIXTURES ETC.
 - SALVAGED ITEMS SCHEDULED FOR REUSE SHALL BE CLEANED, RESTORED AND/OR REFINISHED TO LIKE NEW CONDITION, UNLESS NOTED OTHERWISE.
 - DO NOT REMOVE ANY EXISTING STRUCTURAL SUPPORT MEMBERS SUCH AS COLUMNS, BEAMS, JOISTS, LOAD-BEARING PARTITIONS ETC. UNTIL ADEQUATE PERMANENT OR TEMPORARY SUPPORT IS IN PLACE. ALL EXISTING STRUCTURAL MEMBERS SHALL BE ADEQUATELY PROTECTED, COORDINATE WITH STRUCTURAL ENGINEER.
 - SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED DEMOLITION AND PREP WORK.
 - WALL AND CEILING MOUNTED ITEMS SHOWN DASHED, SUCH AS WALL CABINETS, SHELVING, CURTAIN TRACKS, PROJECTION SCREENS ETC. SHALL BE REMOVED, UNLESS NOTED OTHERWISE.
 - WITHIN ALL EXISTING ROOMS/SPACES RECEIVING SCHEDULED FLOOR, OR WALL, OR CEILING FINISHES, REMOVE ALL EXISTING FLOOR, OR WALL, OR CEILING FINISHES DOWN TO THE SUBSTRATE. INCLUDE THE REMOVAL OF ALL ITEMS LOCATED WITHIN THE EXISTING FINISH REMOVALS UNO PATCH AND PREP ALL SUBSTRATES TO RECEIVE SCHEDULED FINISHES. FOR ADDITIONAL INFORMATION, SEE KEYNOTED ITEMS, FINISH PLANS AND/OR SCHEDULES, STRUCTURAL, MECHANICAL AND ELECTRICAL.
 - THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS. THIS WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. SEE MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY PLANS FOR ADDITIONAL WORK.

3 ENLARGED DEMOLITION PLAN - OFFICE 313 - BUILDING 1
1/4" = 1'-0"



1 THIRD LEVEL OVERALL DEMOLITION PLAN - BUILDING 1
1/8" = 1'-0"

- ### DEMOLITION PLAN KEYED NOTES
- DE1 REMOVE FLOOR FINISH IN ITS ENTIRETY. PATCH & PREP FLOOR FOR SCHEDULED FINISH. SEE SPECIFICATION SECTION 09 05 16 SUBSURFACE PREPARATION FOR FLOOR FINISHES
 - DE2 REMOVE CEILING IN ITS ENTIRETY, INCLUDING ALL MECHANICAL & ELECTRICAL ITEMS. SEE MECHANICAL / ELECTRICAL.
 - DE3 REMOVE GYP BD ON ONE SIDE OF PARTITION AS REQUIRED. SEE PLANS AND MECHANICAL / ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - DE4 CUT OPENING IN PARTITION AS REQUIRED FOR INSTALLATION OF DOOR AND FRAME AS SCHEDULED. SEE PLAN.
 - DE5 REMOVE PORTION OF CEILING AS REQUIRED. SEE PLANS FOR ADDITIONAL INFORMATION.
 - DE6 REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED PIPING. - SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.
 - DE7 REMOVE BASE CABINETS, UPPER CABINETS, TALL CABINETS AND/ OR COUNTERTOP.
 - DE8 REMOVE CEILING IN THIS AREA AS REQUIRED FOR MEP WORK. SALVAGE CEILING WHERE APPROPRIATE FOR REINSTALLATION. SEE PLANS FOR ADDITIONAL WORK.
 - DE9 REMOVE CONDUITS THROUGH FLOOR. SEE PLAN FOR ADDITIONAL INFORMATION.
 - DE10 REMOVE PARTITION MOUNTED MIRROR AND ALL ASSOCIATED HARDWARE. SALVAGE FOR REINSTALLATION.
 - DE11 REMOVE SURFACE MOUNTED PLYWOOD. TEMPORARILY SUPPORT ANY EQUIPMENT. SEE ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION.
 - DE12 REMOVE COVED CONCRETE BASE AT PARTITION.
 - DE13 REMOVE PREMANUFACTURED PLASTIC LOCKER(S). SALVAGE FOR REINSTALLATION.
 - DE14 REMOVE RAISED FLOOR SYSTEM IN ITS ENTIRETY AND METAL RAMP.
 - DE15 REMOVE PORTION OF MEMBRANE ROOFING SYSTEM. SEE FLOOR/ROOF PLAN FOR ADDITIONAL INFORMATION.
 - DE16 REMOVE PORTION OF MEMBRANE ROOFING SYSTEM. IN PREPARATION FOR RESLOPING AND REROOFING. SEE FLOOR/ROOF PLAN FOR ADDITIONAL INFORMATION.
 - DE17 REMOVE ROOF DRAIN AND ASSOCIATED PIPING. SEE MECHANICAL FOR ADDITIONAL INFORMATION.
 - DE18 not used
 - DE19 CUT OPENING IN BRICK AND METAL STUD BACK UP WALL FOR DOOR AND FRAME AS SCHEDULED. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
 - DE20 REMOVE PARTIAL HEIGHT CERAMIC TILE AT SINK
 - DE21 REMOVE METAL RADIATOR COVER
 - DE22 REMOVE SURFACE APPLIED WALL COVERING, TRIM, VINYL BASE AND / OR CRASH / HAND RAIL AS NEEDED.
 - DE23 CRASH / HAND RAIL AS NEEDED.
 - DE24 COORDINATE GENERAL DEMOLITION WORK WITH REMEDIATION WORK. SALVAGE FOR ABATEMENT AND REMEDIATION WORK.
 - DE25 REMOVE CAST STONE SILL, EXTERIOR, AND SOLID SURFACE SILL, INTERIOR.
 - DE26 CUT OPENING IN PARTITION AS REQUIRED FOR INSTALLATION OF EDGE ILLUMINATED PHOTO MURALS.
 - DE27 SAW CUT FACE BRICK AND REMOVE PORTION OF WALL. SEE PLAN FOR ADDITIONAL INFORMATION.
- NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

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STAMP

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

Drawing Title
THIRD LEVEL OVERALL DEMOLITION PLAN - BUILDING 1

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

Checked
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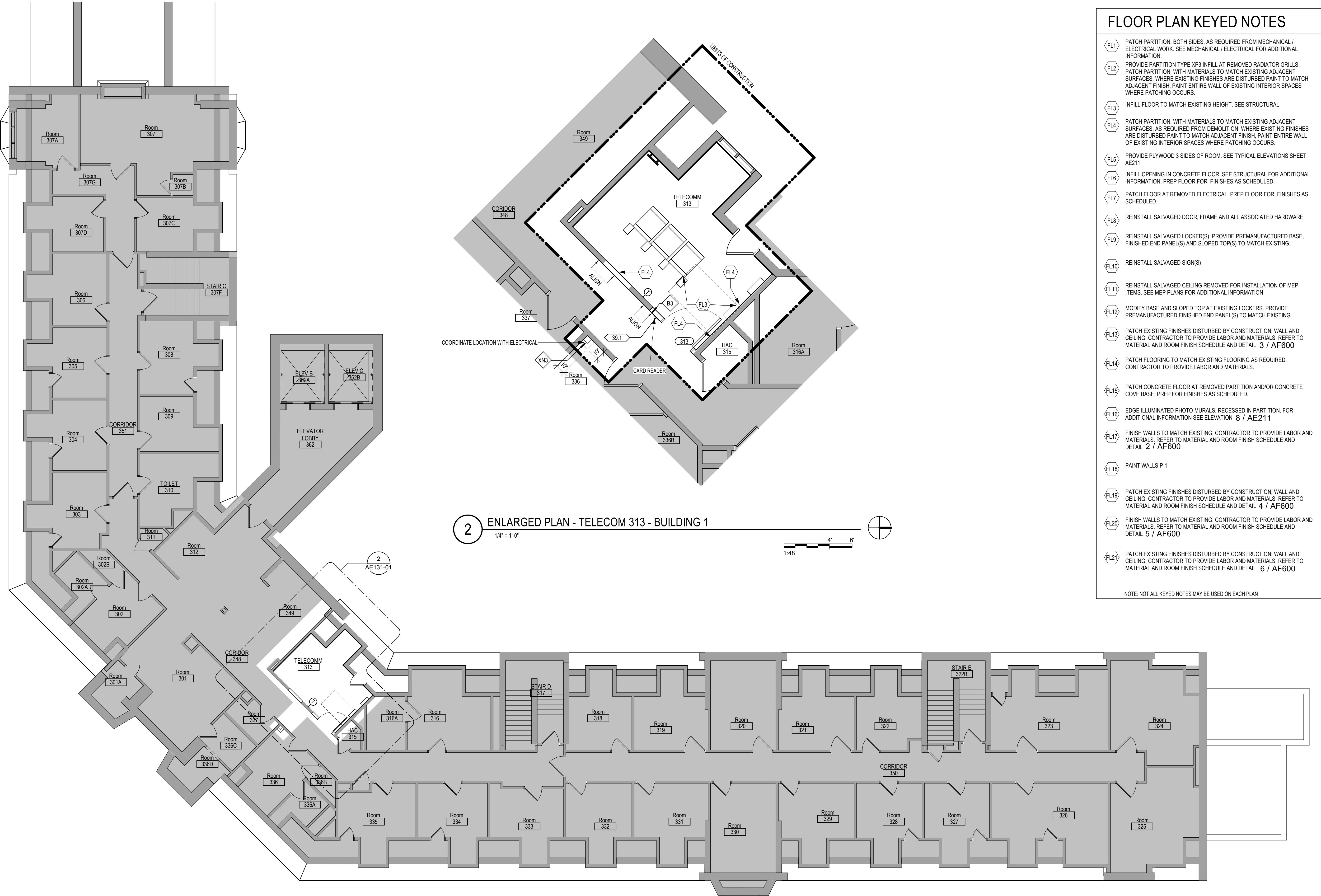
Drawn
GJB/MM

Project Number
438-20-910

Building Number
1

Drawing Number
AD131-01

7/7/2021 3:01:50 PM
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2 ENLARGED PLAN - TELECOM 313 - BUILDING 1
1/4" = 1'-0"
1:48

1 THIRD LEVEL FLOOR PLAN OVERALL - BUILDING 1
1/8" = 1'-0"

- ### FLOOR PLAN KEYED NOTES
- (FL1) PATCH PARTITION, BOTH SIDES, AS REQUIRED FROM MECHANICAL / ELECTRICAL WORK. SEE MECHANICAL / ELECTRICAL FOR ADDITIONAL INFORMATION.
 - (FL2) PROVIDE PARTITION TYPE KP3 INFILL AT REMOVED RADIATOR GRILLS. PATCH PARTITION, WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES. WHERE EXISTING FINISHES ARE DISTURBED PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.
 - (FL3) INFILL FLOOR TO MATCH EXISTING HEIGHT. SEE STRUCTURAL.
 - (FL4) PATCH PARTITION, WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES. AS REQUIRED FROM DEMOLITION. WHERE EXISTING FINISHES ARE DISTURBED PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.
 - (FL5) PROVIDE PLYWOOD 3 SIDES OF ROOM. SEE TYPICAL ELEVATIONS SHEET AE211.
 - (FL6) INFILL OPENING IN CONCRETE FLOOR. SEE STRUCTURAL FOR ADDITIONAL INFORMATION. PREP FLOOR FOR FINISHES AS SCHEDULED.
 - (FL7) PATCH FLOOR AT REMOVED ELECTRICAL. PREP FLOOR FOR FINISHES AS SCHEDULED.
 - (FL8) REINSTALL SALVAGED DOOR, FRAME AND ALL ASSOCIATED HARDWARE.
 - (FL9) REINSTALL SALVAGED LOCKERS(S). PROVIDE PREMANUFACTURED BASE. FINISHED END PANEL(S) AND SLOPED TOP(S) TO MATCH EXISTING.
 - (FL10) REINSTALL SALVAGED SIGN(S).
 - (FL11) REINSTALL SALVAGED CEILING REMOVED FOR INSTALLATION OF MEP ITEMS. SEE MEP PLANS FOR ADDITIONAL INFORMATION.
 - (FL12) MODIFY BASE AND SLOPED TOP AT EXISTING LOCKERS. PROVIDE PREMANUFACTURED FINISHED END PANEL(S) TO MATCH EXISTING.
 - (FL13) PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION. WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 3 / AF600.
 - (FL14) PATCH FLOORING TO MATCH EXISTING FLOORING AS REQUIRED. CONTRACTOR TO PROVIDE LABOR AND MATERIALS.
 - (FL15) PATCH CONCRETE FLOOR AT REMOVED PARTITION AND/OR CONCRETE COVE BASE. PREP FOR FINISHES AS SCHEDULED.
 - (FL16) EDGE ILLUMINATED PHOTO MURALS, RECESSED IN PARTITION. FOR ADDITIONAL INFORMATION SEE ELEVATION 8 / AE211.
 - (FL17) FINISH WALLS TO MATCH EXISTING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 2 / AF600.
 - (FL18) PAINT WALLS P-1.
 - (FL19) PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION. WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 4 / AF600.
 - (FL20) FINISH WALLS TO MATCH EXISTING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 5 / AF600.
 - (FL21) PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION. WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 6 / AF600.
- NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

- ### GENERAL NOTES
1. THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS. THIS WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. SEE MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY PLANS FOR ADDITIONAL WORK.
 2. CONTRACTORS SHALL VISIT THE SITE DURING BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. THE GENERAL CONTRACTOR SHALL LOCATE, INSPECT AND FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO DEMOLITION AND CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
 3. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
 4. WHEREVER OPENINGS ARE CUT THROUGH FIRE RATED PARTITIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR WHOM THE HOLE IS CUT TO PATCH AND REPAIR ANY OPENING TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
 5. GENERAL CONTRACTOR TO CHECK MECHANICAL DRAWINGS FOR EXISTING PIPES AND DUCTS FURRED IN WALLS. VERIFY SIZE AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO PROCEEDING WITH REMODELING.
 6. FIREPROOFING SHALL BE UNPERCEIVED. ANY SUBCONTRACTOR PENETRATING THE FIREPROOFING SHALL BE REQUIRED TO REPLACE FIREPROOFING TO THE ORIGINAL CONDITION AND FIRE RATING, AT THE SUBCONTRACTORS EXPENSE.
 7. EQUIPMENT UNIT DIMENSIONS ARE FOR PRODUCT DESCRIPTION ONLY. VERIFY SIZE WITH MANUFACTURER.
 8. ALL DIMENSIONS PERTAINING TO MECHANICAL OR ELECTRICAL SERVICES OR EQUIPMENT SHALL BE VERIFIED WITH THE RESPECTIVE TRADE.
 9. ALL CONTRACTORS THAT PENETRATE AND/OR DISTURB ANY AREAS AT EXISTING CONDITIONS SHALL PATCH AREA TO MATCH EXISTING ADJACENT AREA OR SURFACE AND PREPARE FOR SCHEDULED FINISH APPLICATION. COORDINATE WORK WITH GENERAL CONTRACTOR PRIOR TO PROCEEDING.
 10. VERIFY HEIGHTS AND LOCATIONS OF ACCESS PANELS (AP) AND COORDINATE TYPES WITH TRADES WHICH REQUIRE THEM.
 11. PROVIDE LINTELS AND FRAMING FOR GRILLES, LOUVERS, AND ROOF VENTS AS REQUIRED BY MECHANICAL CONTRACTOR. VERIFY SIZE AND LOCATION.
 12. STRUCTURAL, MECHANICAL, AND ELECTRICAL ABBREVIATIONS AND SYMBOLS MAY DIFFER FROM ARCHITECTURAL. SEE RESPECTIVE SECTIONS AND/OR DRAWINGS FOR DEFINITIONS.
 13. AT MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, PROVIDE 3/4" FRT PLYWOOD BACKING BEHIND ALL SURFACE MOUNTED FIXTURES AND EQUIPMENT, UNLESS NOTED OTHERWISE.
 14. CONTRACTOR SHALL EVALUATE INTEGRITY OF ALL PARTITIONS INDICATED BY SYMBOLS ON THE LIFE SAFETY PLANS WITHIN THE PROJECT SCOPE AND UPGRADE AS REQUIRED. ALL FIRE RESISTIVE RATED WALLS SHALL BE CONSTRUCTED OF MATERIALS / ASSEMBLIES MEETING THE RATING INDICATED. TERMINATE AT THE DECK ABOVE WITH A TESTED HEAD OF WALL ASSEMBLY AND ALL PENETRATIONS SHALL BE SEALED WITH A TESTED ASSEMBLY. ALL SMOKE PARTITIONS SHALL BE CONSTRUCTED OF MATERIALS THAT RESIST THE PASSAGE OF SMOKE. TERMINATE AT THE DECK ABOVE WITH A JOINT SEALED WITH FIRE CALK AND ALL PENETRATIONS SHALL BE SEALED WITH FIRE CALK.

FLOOR PLAN SYMBOLS

	EXISTING WALL TO REMAIN		8'-0"	DIMENSION LINE, NOMINAL
	WALL		8'-0"	EXTENDED DIMENSION LINE, NOMINAL
	EXISTING DOOR AND FRAME TO REMAIN		1A AE211 2B	INTERIOR ELEVATION INDICATOR TAG
	DOOR		1A AE201	EXTERIOR ELEVATION INDICATOR TAG
	INTERIOR BORROWED LIGHT		203	EQUIPMENT TAG
	WALL TAG		100	FLOOR SPOT ELEVATION
	OFFICE ROOM NAME AND NUMBER		1A AE401	DETAIL REFERENCE TAG
	KEY NOTE		1A AE201	INTERIOR SECTION REFERENCE TAG
	INTERIOR SECTION REFERENCE TAG		1A AE201	EXTERIOR SECTION REFERENCE TAG
	REVISION TAG			REVISION CLOUD
	GRIDLINE		99.3	SIGN TAG

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

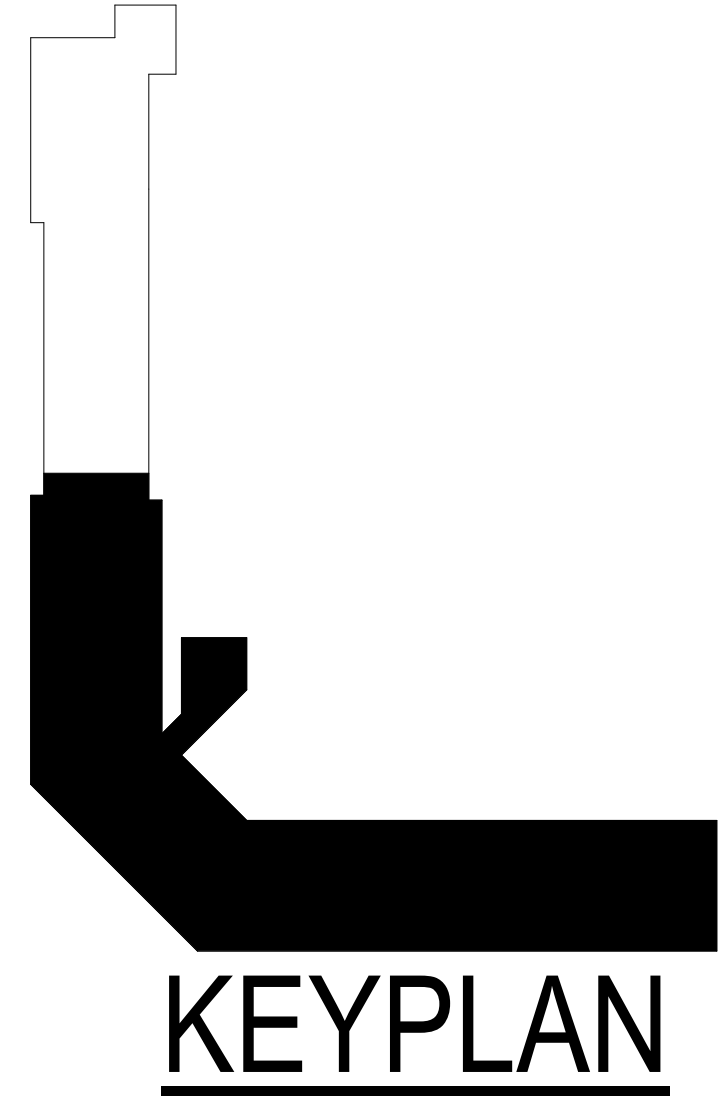
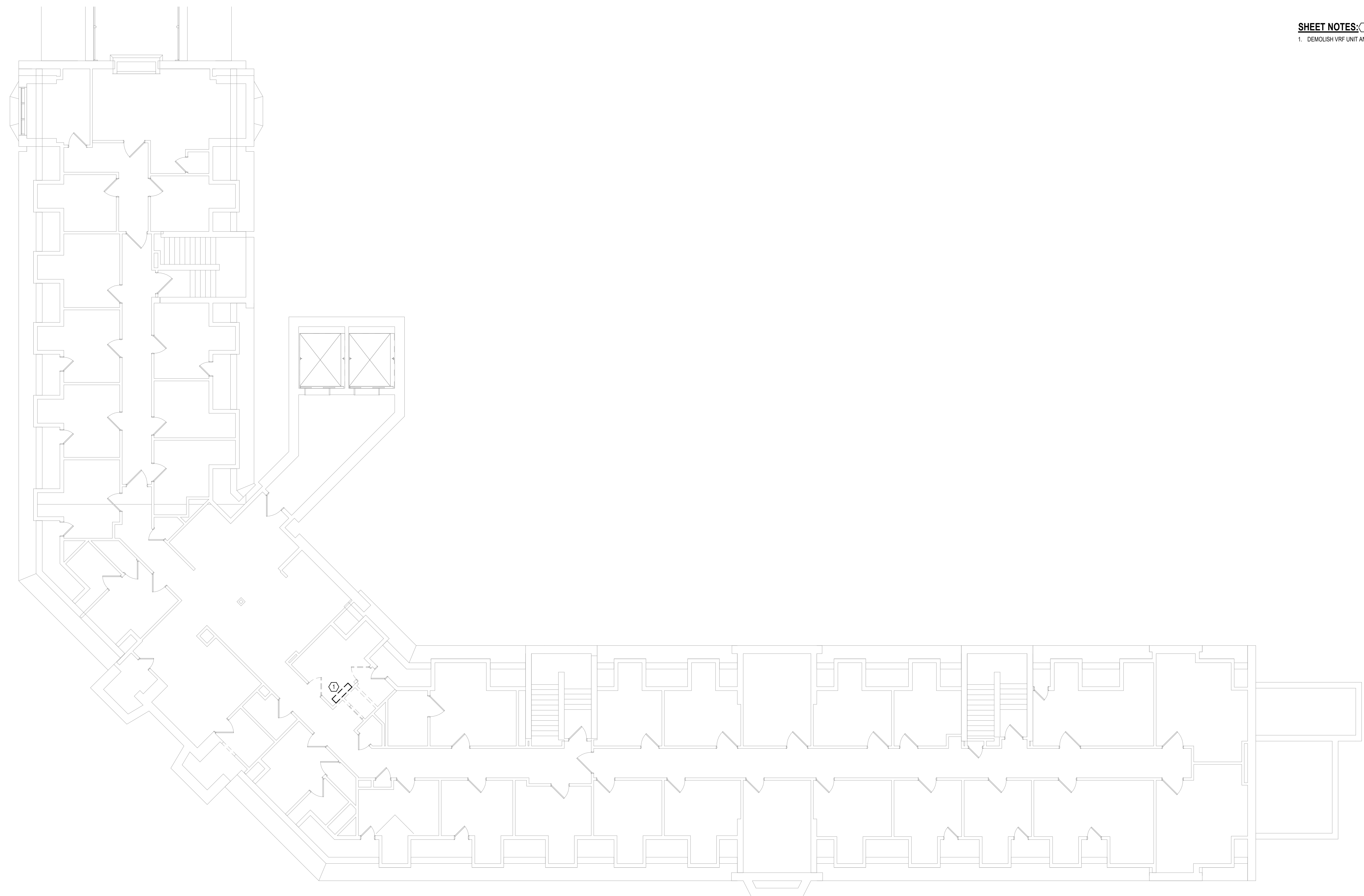
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GENERAL NOTES:

- COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
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SHEET NOTES:

- DEMOLISH VRF UNIT AND ASSOCIATED REFRIGERANT AND CONDENSATE PIPING AND THERMOSTAT.



1 THIRD LEVEL MECHANICAL DEMOLITION FLOOR PLAN - BUILDING 1 - AREA A
1/8" = 1'-0"

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Revisions:	Date:

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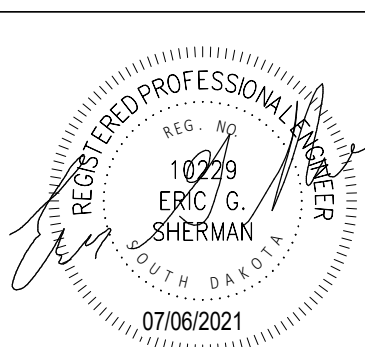
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Office of Construction and Facilities Management



U.S. Department of Veterans Affairs

Drawing Title

THIRD LEVEL MECHANICAL DEMOLITION PLAN - BUILDING 1 - AREA A

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location

Sioux Falls, SD

Issue Date

07/06/2021

Checked

EGS

Drawn

PHV

Project Number

438-20-910

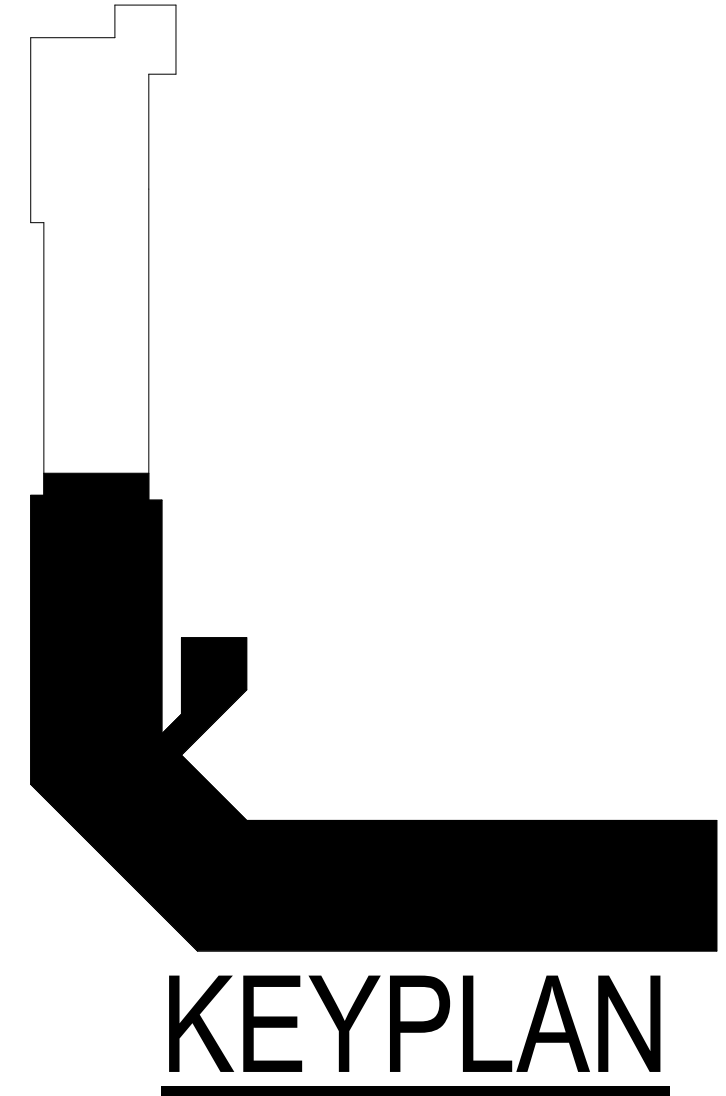
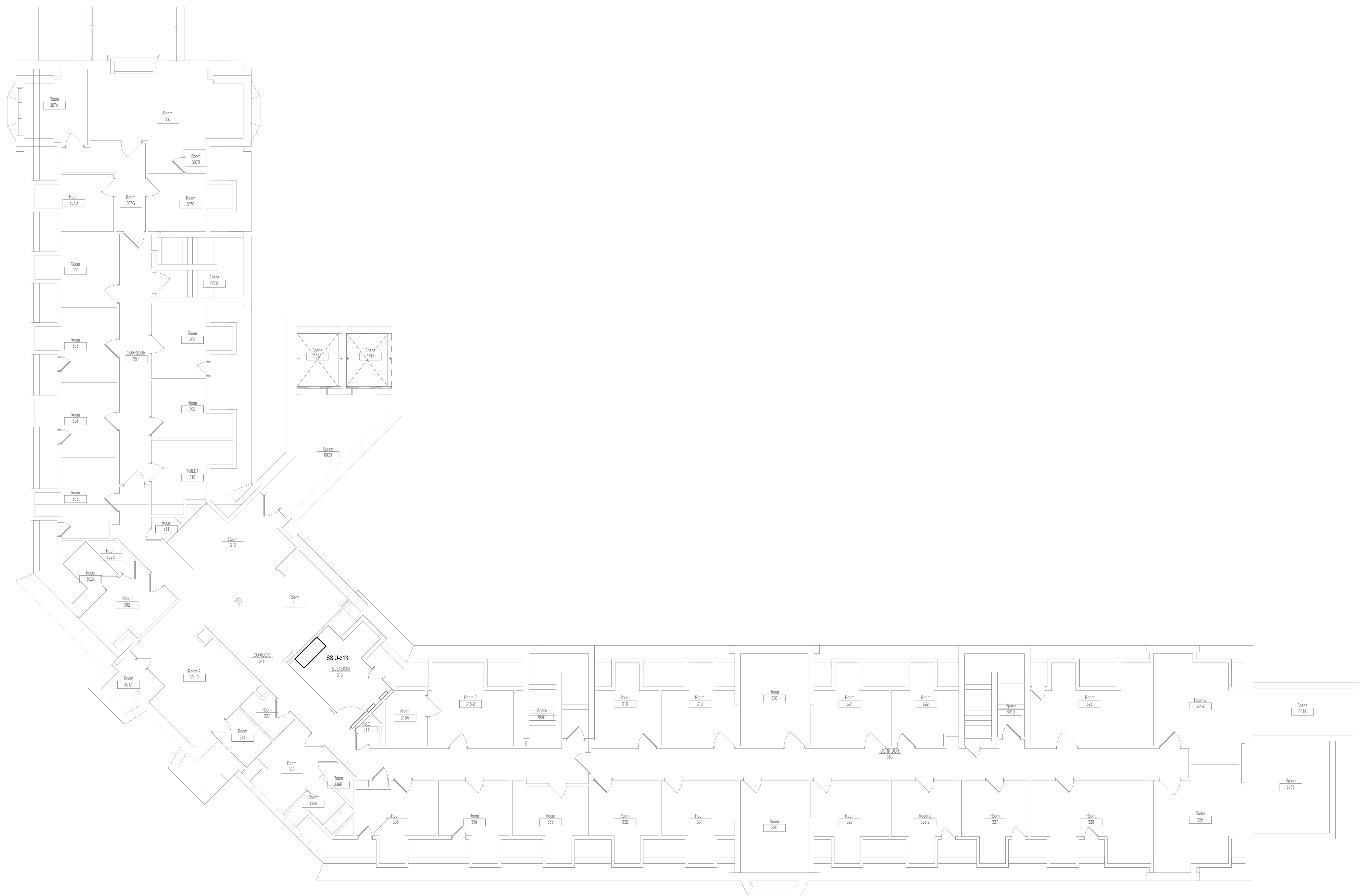
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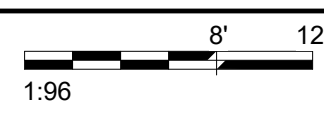
Drawing Number

MD131-01-A

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1 THIRD LEVEL DUCTWORK FLOOR PLAN - BUILDING 1 - AREA A
1/8" = 1'-0"



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Revisions:	Date:

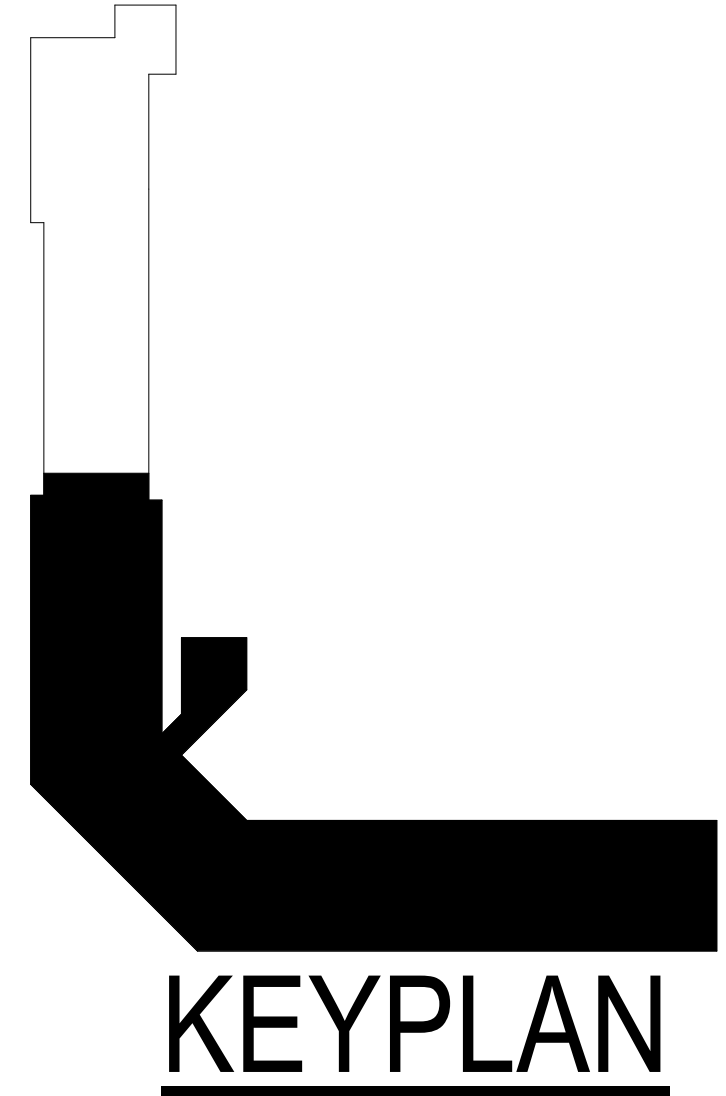
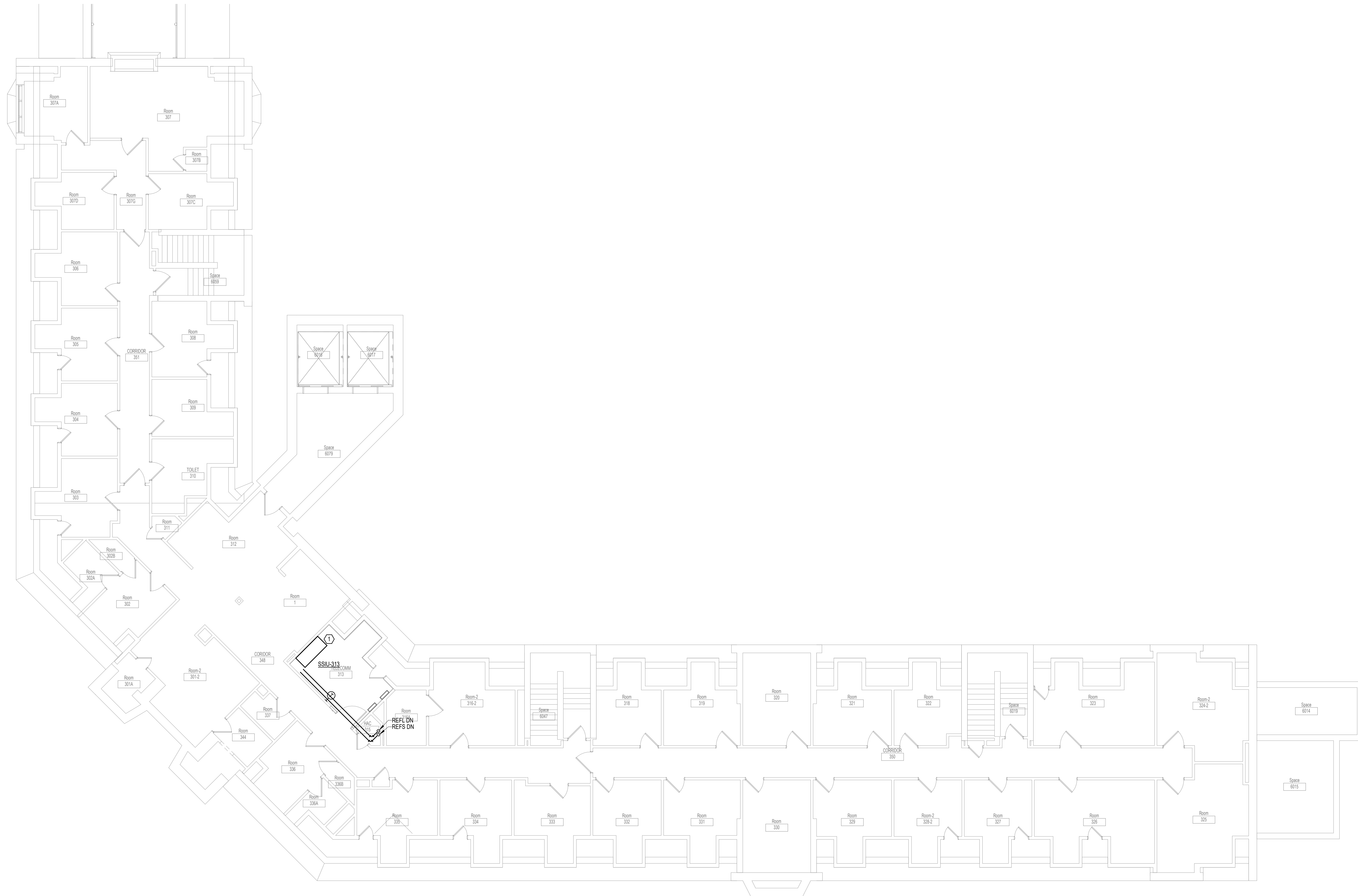
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				Approved:	FULLY SPRINKLERED	Location Sioux Falls, SD	Building Number 1
Date:	SPECIALIZED ENGINEERING SOLUTIONS 10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5520 www.specializedeng.com	13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090	U.S. Department of Veterans Affairs	Issue Date 07/06/2021	Checked EGS	Drawn PHV	Drawing Number MH131-01-A

GENERAL NOTES:

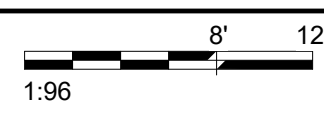
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SHEET NOTES:

- CONNECT CONDENSATE FROM NEW INDOOR UNIT TO EXISTING PUMPED CONDENSATE PIPING.



1 THIRD LEVEL PIPING FLOOR PLAN - BUILDING 1 - AREA A
1/8" = 1'-0"



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Drawing Title
THIRD LEVEL PIPING FLOOR PLAN - BUILDING 1 - AREA A

Approved:

Phase
BID DOCUMENTS

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Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

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EGS

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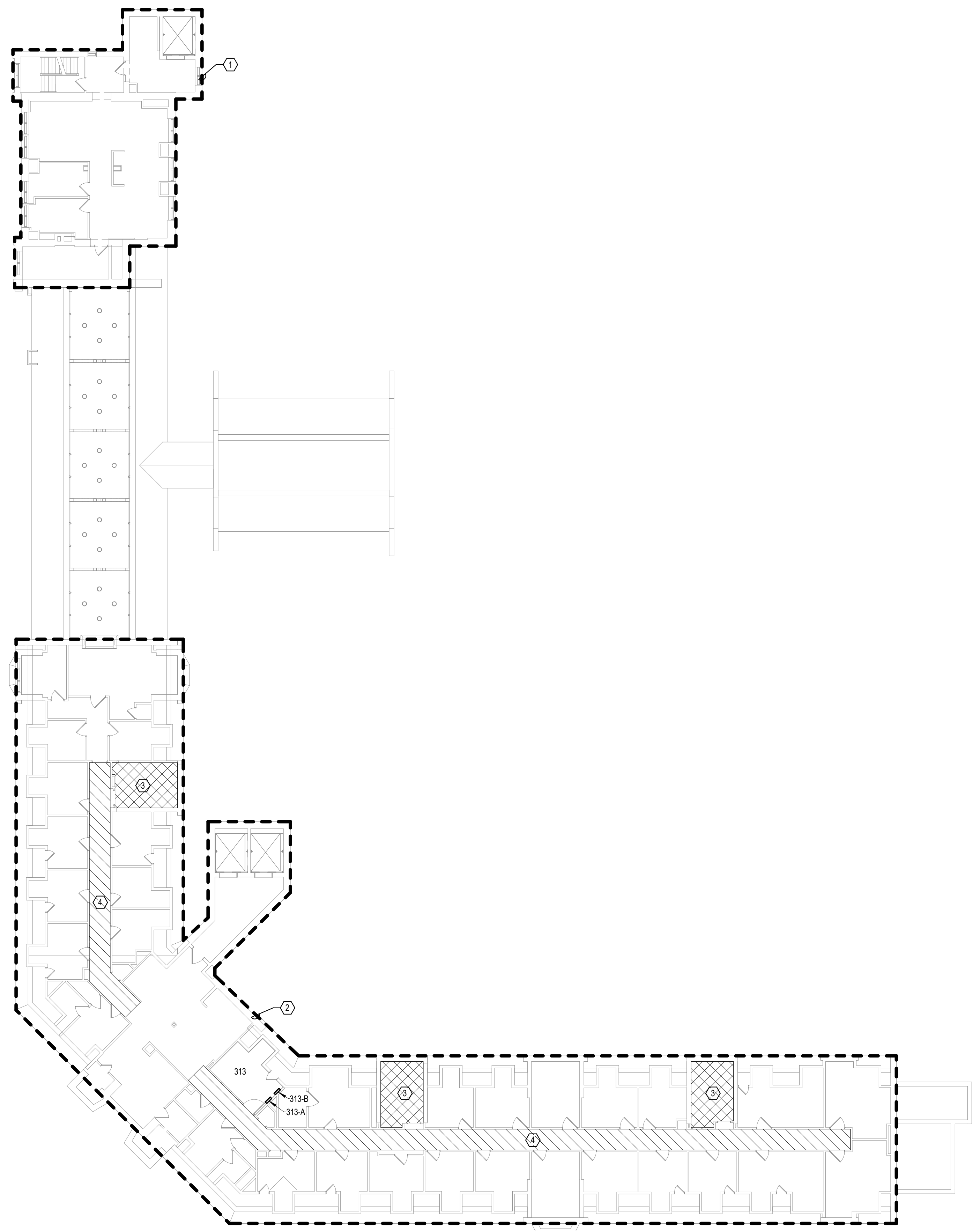
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438-20-910

Building Number
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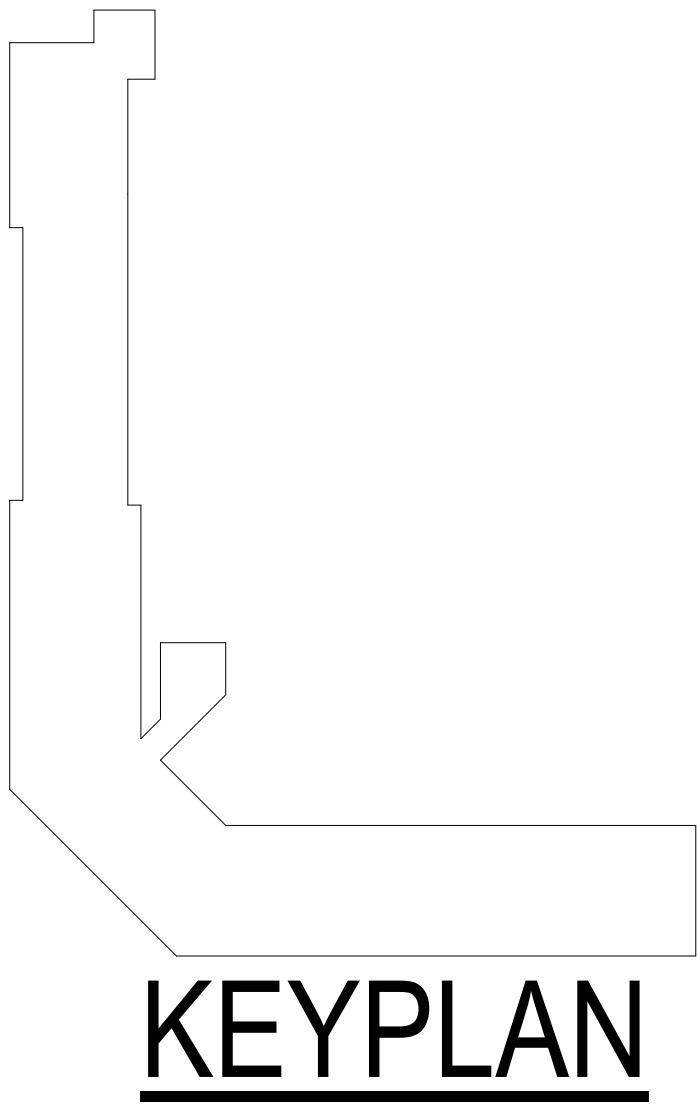
Drawing Number
MP131-01-A

SHEET NOTES:

1. AREA IS RECENTLY RENOVATED AND FED FROM ROOM 122A. NO RECABLING IS ANTICIPATED IN THIS AREA.
2. RECABLE ALL CAT 5E AND LOWER CABLES TO ROOM 313.
3. EXT STAIR ENCLOSURE. DO NOT ROUTE NEW CABLING THROUGH THIS SPACE.
4. ROUTE NEW CABLING IN EXISTING CABLE TRAY IN THIS AREA.



1 THIRD LEVEL ELECTRICAL FLOOR PLAN - BUILDING 1 - OVERALL
 1/16" = 1'-0"
 1:192



7/16/2021 4:31:18 PM
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Drawing Title
 THIRD LEVEL OVERALL FLOOR PLAN - BUILDING 1

Approved:

Phase
 BID DOCUMENTS

FULLY SPRINKLERED

Project Title
 VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
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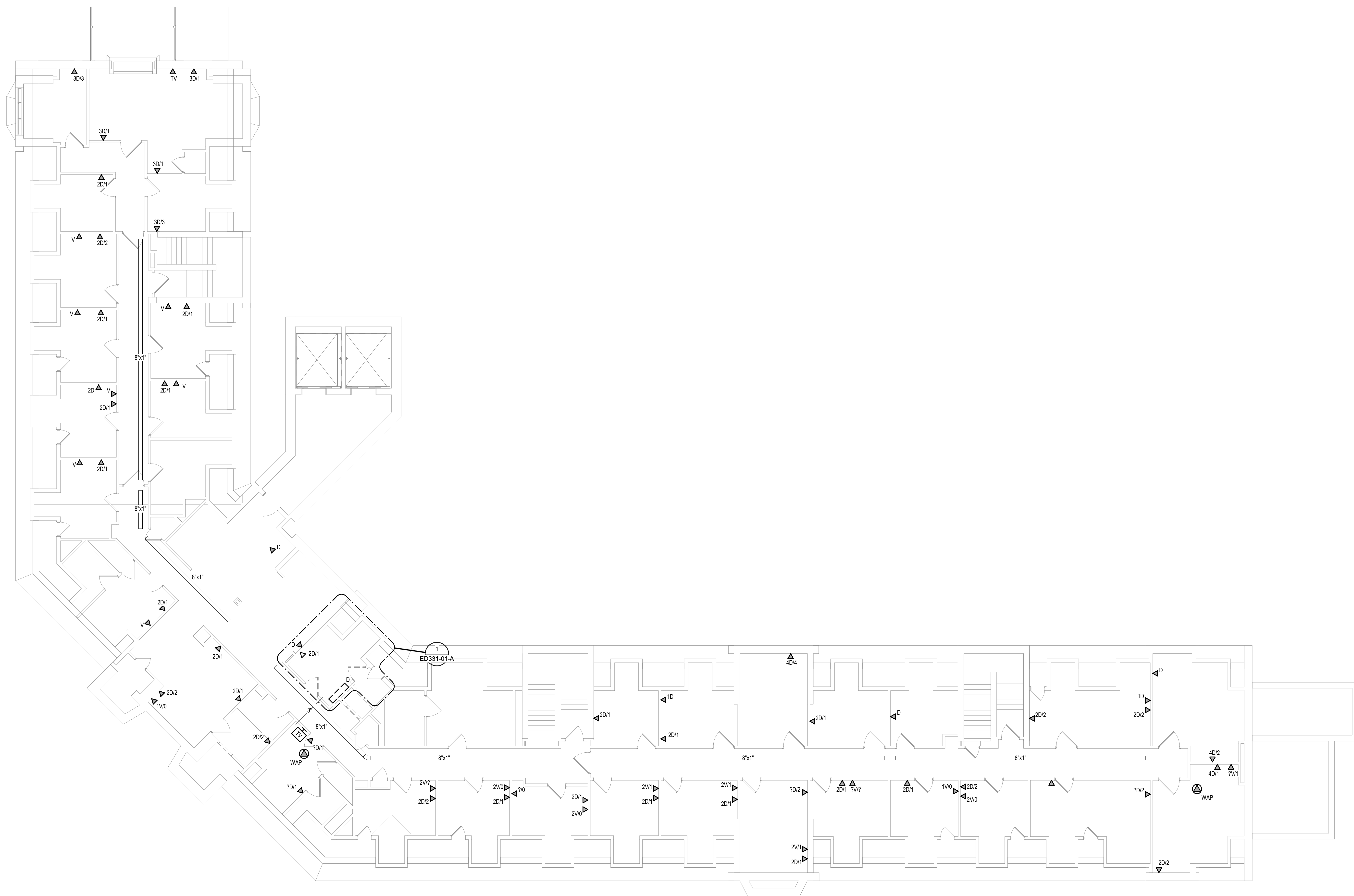
Checked
 KSB

Drawn
 NMT

Project Number
 438-20-910

Building Number
 1

Drawing Number
 EE131-01



1 THIRD LEVEL ELECTRICAL DEMOLITION FLOOR PLAN - BUILDING 1 - AREA A
1/8" = 1'-0"

Revisions:	Date:

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U.S. Department of Veterans Affairs

Drawing Title

THIRD LEVEL ELECTRICAL DEMOLITION FLOOR PLAN - BUILDING 1 - AREA A

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location

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Issue Date

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KSB

Drawn

NMT

Project Number

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Building Number

1

Drawing Number

ED131-01-A

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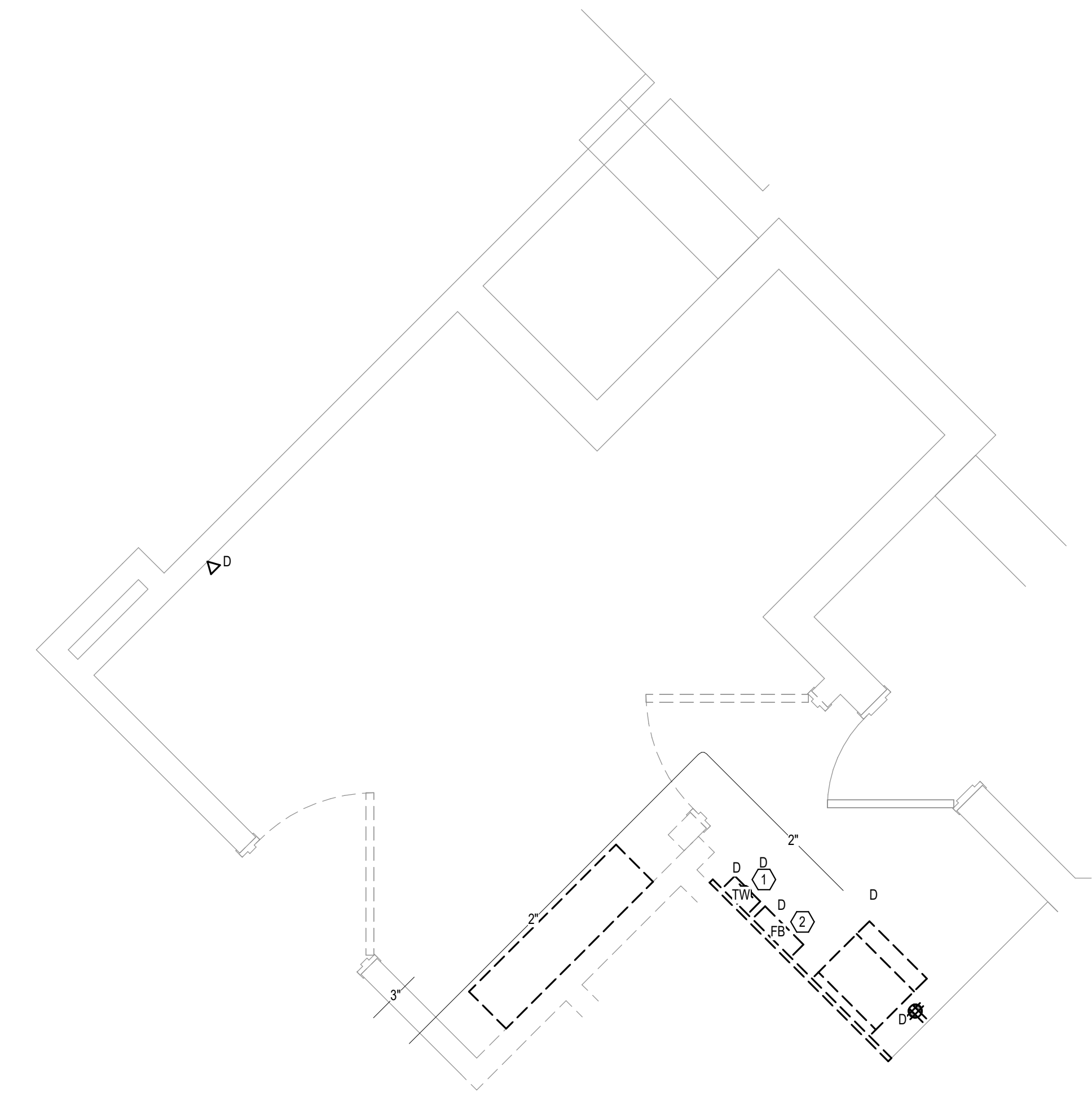
CABLING NOTES:

A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT. REMOVE ALL UNUSED CABLING AT THE COMPLETION OF THE PROJECT.

1. ROOM 313
- EXISTING CABLE COUNT
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 DATA (CAT5): 144
 VIDEO: 24
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
- CABLE RELOCATION COUNT
 DATA (CAT5): 0
 DATA (CAT5): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
- EXISTING CABLE TO REMAIN
 DATA (CAT5): 76
 VIDEO: 24
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
- FINAL CABLE COUNT
 DATA (CAT5): 76
 DATA (CAT5): 144
 VIDEO: 24
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

SHEET NOTES:

1. EXISTING TELEPHONE WALL FIELD TO BE DEMOLISHED. NEW COPPER BACKBONE TO BE PROVIDED ON PATCH PANELS IN TELECOMMUNICATIONS RACK. REFER TO CABLING NOTES AND NEW WORK PLANS FOR ADDITIONAL REQUIREMENTS.
2. EXISTING FIBER ENCLOSURE TO BE DEMOLISHED. NEW FIBER BACKBONE TO BE TERMINATED IN NEW TELECOMMUNICATIONS RACK. REFER TO CABLING NOTES AND NEW WORK PLANS FOR ADDITIONAL REQUIREMENTS.

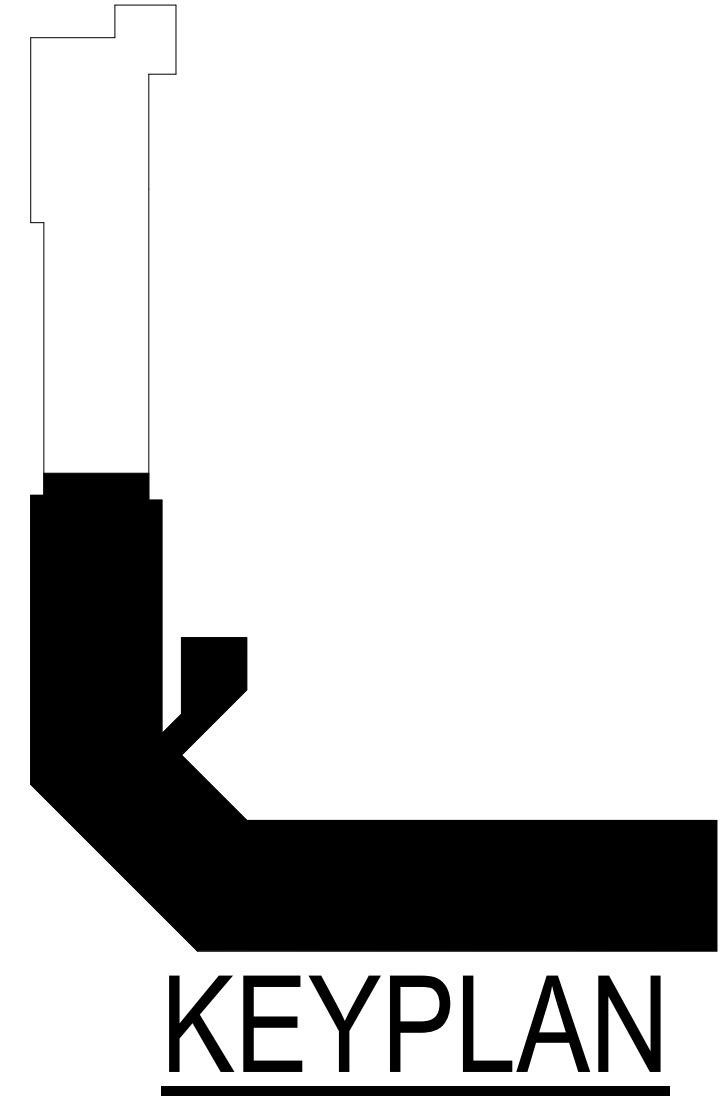
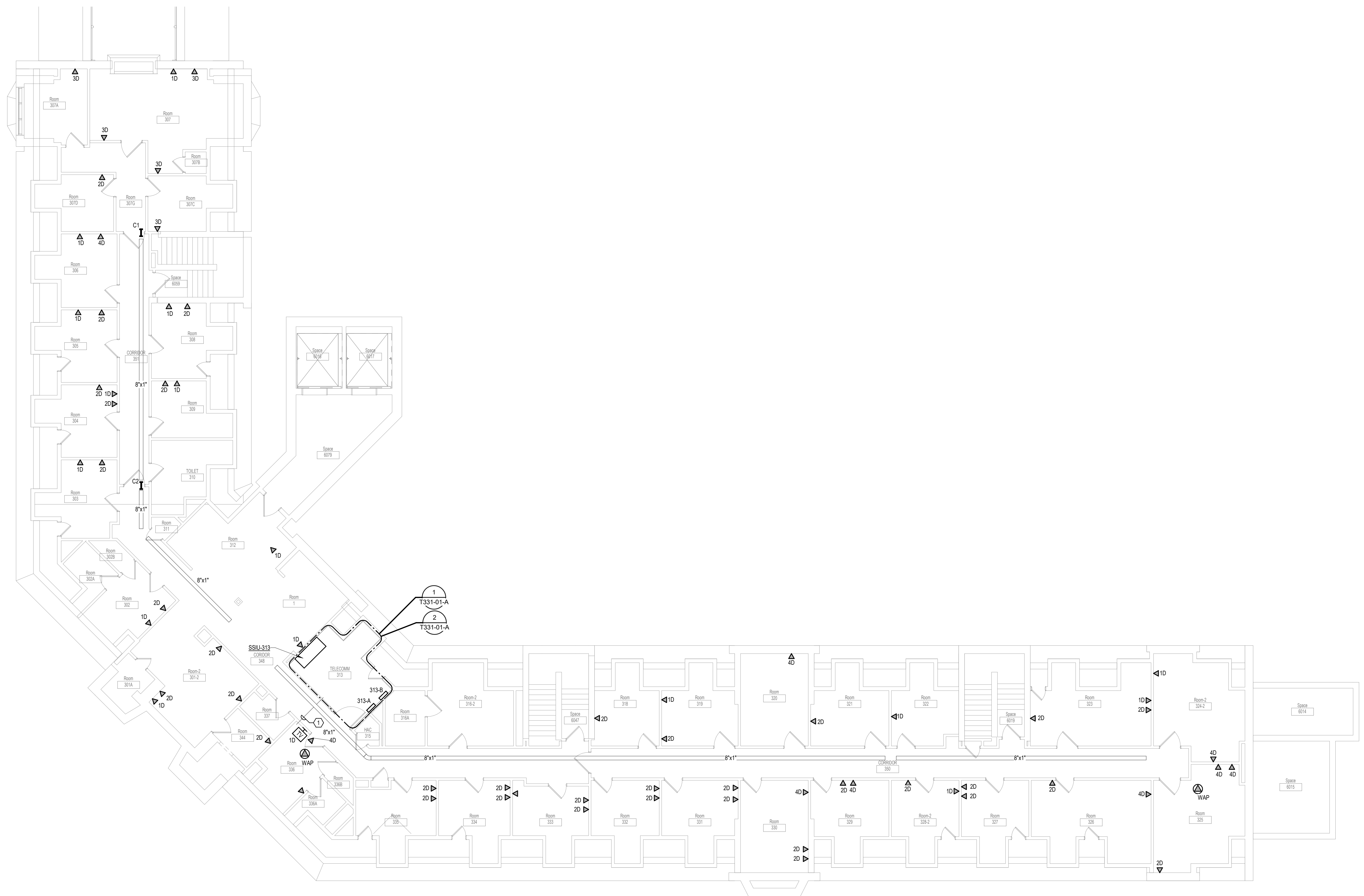


1 THIRD LEVEL ELECTRICAL DEMOLITION - BUILDING 1 - AREA A - ROOM 313
 1/2" = 1'-0"
 1 2 3
 1/24"

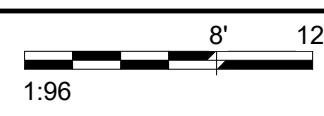
Revisions:	Date:

CONSULTANT  AST		ARCHITECT/ENGINEER OF RECORD  ANDERSON 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090		STAMP 	Office of Construction and Facilities Management  U.S. Department of Veterans Affairs	Drawing Title THIRD LEVEL ELECTRICAL DEMOLITION - BUILDING 1 - ENLARGED ROOMS - AREA A Approved:	Phase BID DOCUMENTS FULLY SPRINKLERED	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES Location Sioux Falls, SD Issue Date 07/06/2021	Project Number 438-20-910 Building Number 1 Drawing Number ED331-01-A Checked KSB Drawn NMT
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SHEET NOTES:
 1. EXISTING CONDUIT ROUTED UP IN CHASE FROM SECOND LEVEL. ROUTE NEW FBER BACKBONE CABLING IN THIS EXISTING CONDUIT. PROVIDE NEW CONDUIT IF REQUIRED FOR PHASING.



1 THIRD LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 1 - AREA A
 1/8" = 1'-0"



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Revisions:	Date:

CONSULTANT SPECIALIZED ENGINEERING SOLUTIONS 10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5520 www.specializedeng.com	ARCHITECT/ENGINEER OF RECORD 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090	STAMP Nathan Timm BICSI ID # 346555 EXPIRES 12-31-23 RCO	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title THIRD LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 1 - AREA A	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910
				Approved:	FULLY SPRINKLERED	Location Sioux Falls, SD	Building Number 1
				Issue Date 07/06/2021	Checked KSB	Drawn NMT	Drawing Number TN131-01-A

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LIGHTING PANEL: 313-B

LOCATION: TELECOMM 313 SUPPLY FROM: B2 BRANCH: NORMAL SERVICE RATED: No MOUNTING: SURFACE NEMA ENCLOSURE: 1 VOLTS: 208/120 WYE PHASES: 3 WIRES: 4 INTEGRAL SPD: Yes AVAILABLE SCC (KA): 1.0 MAINS TYPE: MCB MCB/MLO RATING: 100 A MCB OPTIONS: NONE SECTIONS: 1 PANEL POLES: 42

Table with columns: C., CIRCUIT DESCRIPTION, OPT, RATI., POL., A, B, C, POL., RATI., OPT, CIRCUIT DESCRIPTION, C.. Rows include PWR-C TELECOMM 313 - RACK RECEPTACLE, REC TELECOMM 313-313A, and LTG TELECOMM 2 313-313A.

LOAD CLASSIFICATION table with columns: CONNECTED LOAD, DEMAND FACTOR, ESTIMATED DEMAND, PANEL TOTALS. Includes rows for LTG, REC, PWR-NC, and PWR-NC.

OPTIONS: CIRCUIT BREAKER OPTIONS SUFFIX: 'S' OR 'ST' - PROVIDE SHUNT TRIP CIRCUIT BREAKER / 'G' OR 'GFCI' - PROVIDE GFCI CIRCUIT BREAKER / 'GFP' - PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSI' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS / 'R' - PROVIDE CIRCUIT BREAKER WITH RED MARKING

GENERAL REMARKS: A. PANEL AIC (INTERRUPTING) RATING SHALL BE MINIMUM 120% OF THE AVAILABLE SCC (SHORT CIRCUIT CURRENT).

LIGHTING PANEL: 313-A

LOCATION: TELECOMM 313 SUPPLY FROM: A2 BRANCH: CRITICAL SERVICE RATED: No MOUNTING: SURFACE NEMA ENCLOSURE: 1 VOLTS: 208/120 WYE PHASES: 3 WIRES: 4 INTEGRAL SPD: Yes AVAILABLE SCC (KA): 1.0 MAINS TYPE: MCB MCB/MLO RATING: 100 A MCB OPTIONS: NONE SECTIONS: 1 PANEL POLES: 42

Table with columns: C., CIRCUIT DESCRIPTION, OPT, RATI., POL., A, B, C, POL., RATI., OPT, CIRCUIT DESCRIPTION, C.. Rows include PWR-C TELECOMM 313 - RACK RECEPTACLE, REC TELECOMM 313-313A, and LTG TELECOMM 313-313A.

LOAD CLASSIFICATION table with columns: CONNECTED LOAD, DEMAND FACTOR, ESTIMATED DEMAND, PANEL TOTALS. Includes rows for LTG, REC, MTR, and PWR-NC.

OPTIONS: CIRCUIT BREAKER OPTIONS SUFFIX: 'S' OR 'ST' - PROVIDE SHUNT TRIP CIRCUIT BREAKER / 'G' OR 'GFCI' - PROVIDE GFCI CIRCUIT BREAKER / 'GFP' - PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSI' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS / 'R' - PROVIDE CIRCUIT BREAKER WITH RED MARKING

GENERAL REMARKS: A. PANEL AIC (INTERRUPTING) RATING SHALL BE MINIMUM 120% OF THE AVAILABLE SCC (SHORT CIRCUIT CURRENT).

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Revisions table with columns: Revisions, Date.

CONSULTANT logo for AST and SPECIALIZED ENGINEERING SOLUTIONS.

ARCHITECT/ENGINEER OF RECORD logo for ANDERSON.

STAMP logo for Tracy J. Hauser, Professional Engineer.

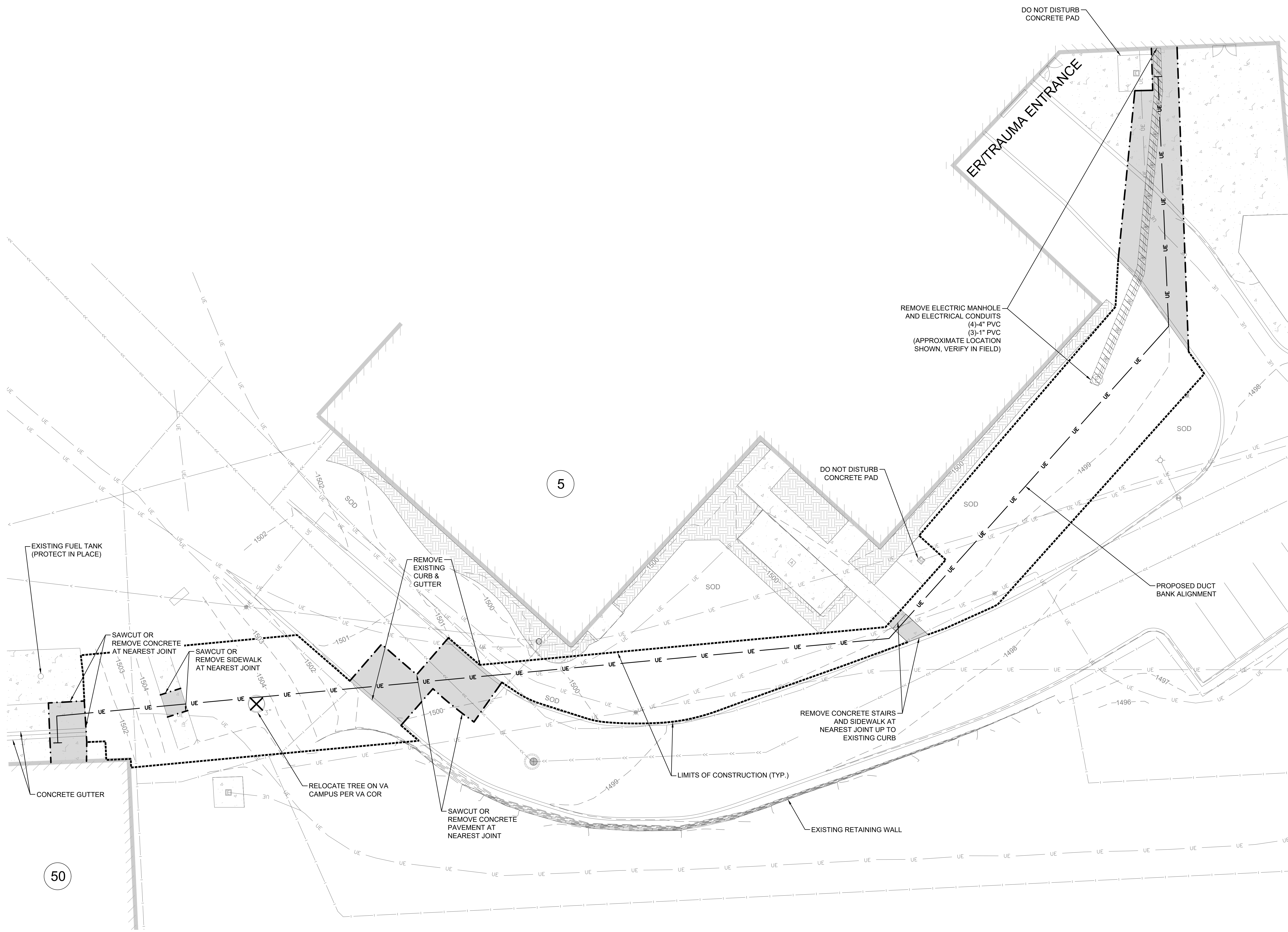
Office of Construction and Facilities Management logo.

Drawing Title: PANEL SCHEDULES - BUILDING 1 - THIRD LEVEL - AREA A.

Phase: BID DOCUMENTS, FULLY SPRINKLERED.

Project Title: VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES.

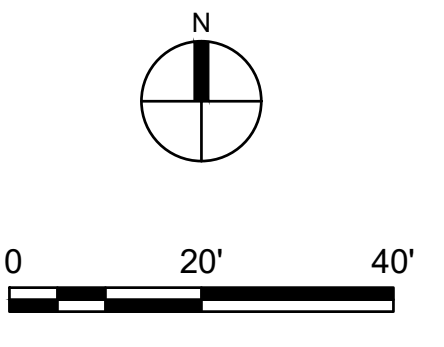
Project Number: 438-20-910, Building Number: 1, Drawing Number: EE431-01-A.



LEGEND

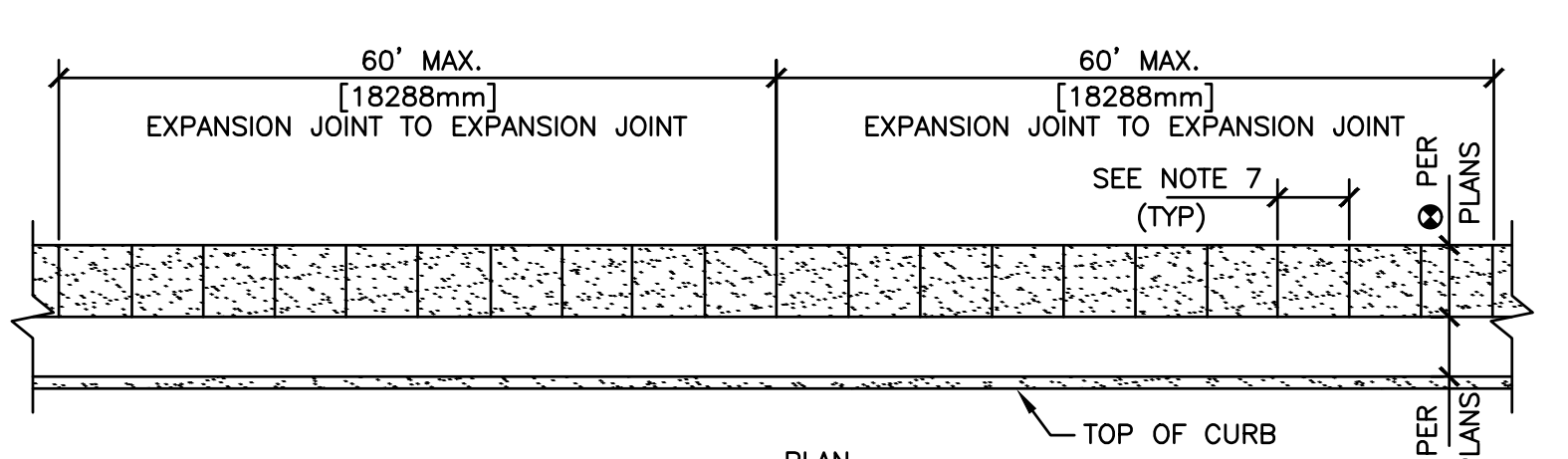
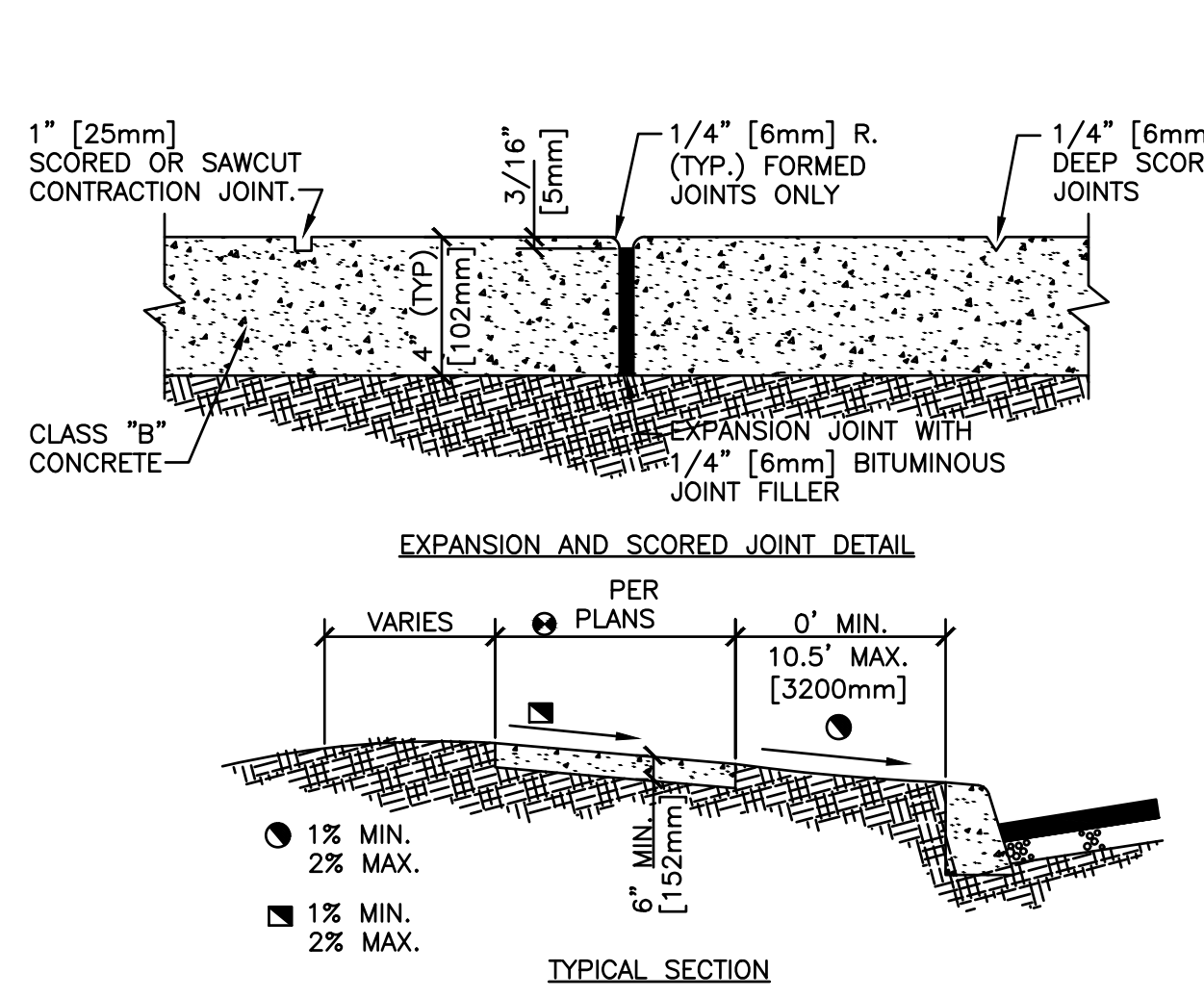
- 1499 EXISTING TOPOGRAPHIC CONTOUR
- EXISTING PAVEMENT EDGE
- EXISTING CONCRETE CURB
- EXISTING WATERMAIN
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING UNDERGROUND ELECTRIC
- UE
- LIMITS OF CONSTRUCTION
- EXISTING UTILITY REMOVAL
- EXISTING CONCRETE REMOVAL
- EXISTING LANDSCAPE AREA
- SAWCUT PAVEMENT
- REMOVE TREE
- EXISTING BUILDING NUMBER
- EXISTING LIGHT
- UE
- PROPOSED DUCT BANK ALIGNMENT

- NOTES**
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING UTILITIES THAT ARE NOT MARKED FOR REMOVAL.
 - CONTRACTOR SHALL PHASE ROAD REMOVAL AND CONSTRUCTION SO AS TO ALWAYS ALLOW AT LEAST ONE LANE OF TRAFFIC ON MAIN ACCESS DRIVE. CONTRACTOR MAY CLOSE DRIVE TO ER/TRAUMA ENTRANCE, BUT MUST COORDINATE WITH VA COR. TRAFFIC CLOSURE SHALL MEET MUTCD REQUIREMENTS AND SHALL HAVE LIGHTED BARRICADES FOR PROJECT.

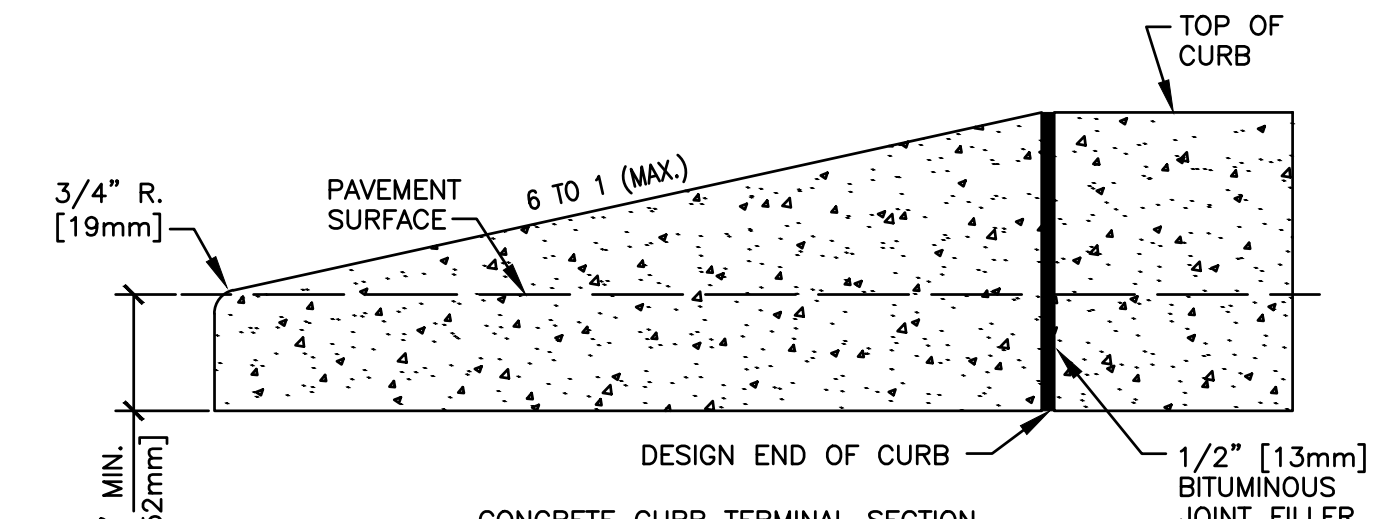


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 Revisions: _____ Date: _____
 VA FORM 08 - 6231

	CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 	STAMP 	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title EXISTING CONDITIONS & REMOVALS Approved: Project Director	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910		
							Location Sioux Falls, SD	Building Number SITE		
							Issue Date 11/29/2021	Checked LRK	Drawn JPR	Drawing Number CD-101



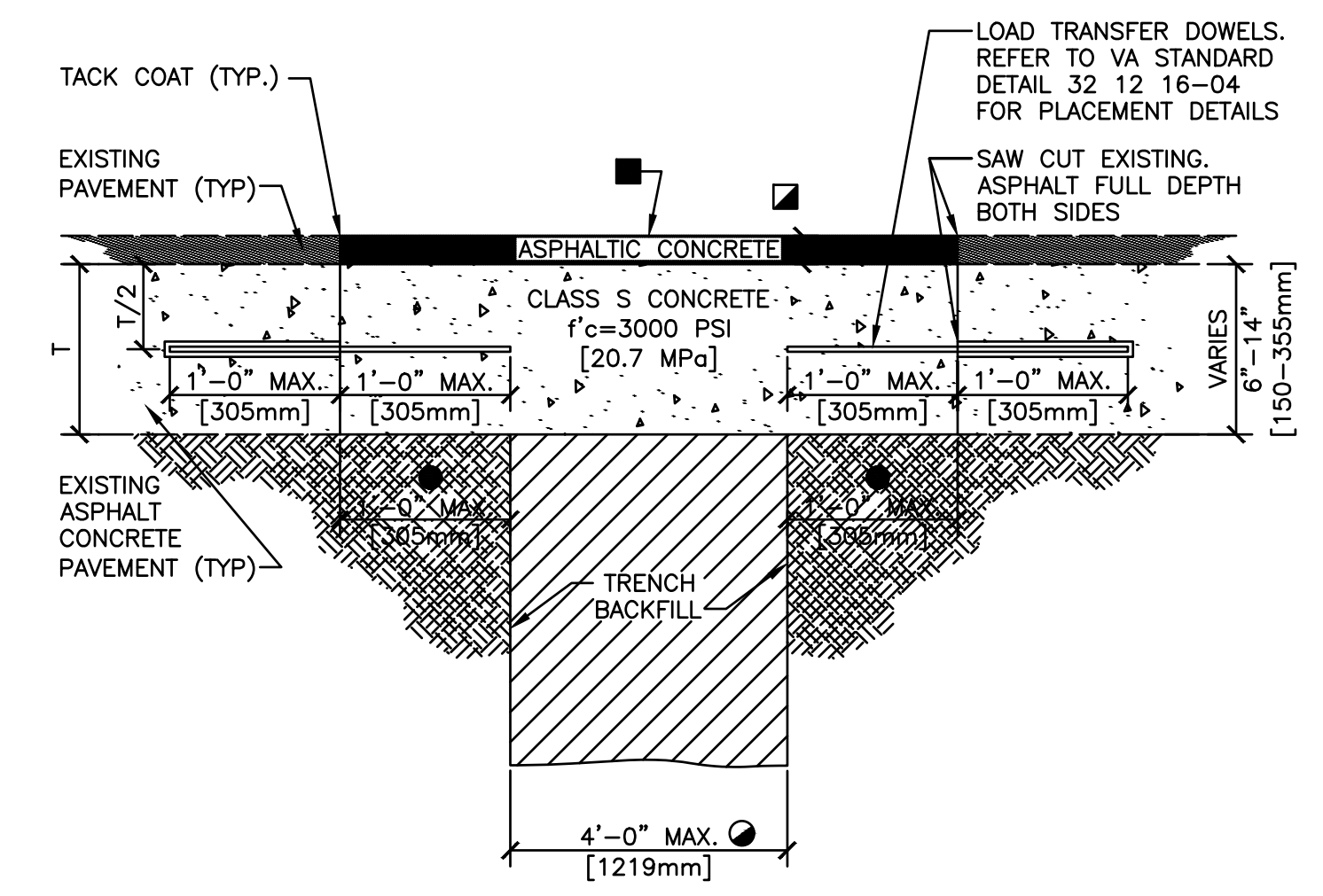
- NOTES:**
- EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
 - ONE-HALF INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
 - 1" DEEP CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF APPROXIMATELY 15' [4572mm] OR AT A SPACING THAT MATCHES THE ADJACENT CURB.
 - FORMED CONTRACTION JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" [6mm] RADIUS.
 - SCORED JOINTS SHALL BE 1/4" [6mm] DEEP AND PLACED AT THE SPACING INDICATED FOR THE WIDTH OF SIDEWALK OR MATCH SCORED JOINTS OF ADJACENT CURB.
 - CONCRETE SHALL BE FINISHED BY MEANS OF A FLOAT, STEEL TROWELLED AND BROOMED WITH A FINE BRUSH IN A TRANSVERSE DIRECTION.
 - 1/4" DEEP SCORED JOINTS (TYP) SPACED AT 6' [1829mm] OR EQUAL TO SIDEWALK WIDTH.



- NOTES:**
- ALL CONCRETE CURBS AND TRANSITIONS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI.
 - MAXIMUM SPACING ON SCORED JOINTS SHALL BE 15' [4572mm].
 - 1/2" [13mm] THICK EXPANSION JOINTS SHALL BE LOCATED AT TANGENT POINTS IN CURB RETURNS, TRANSITIONS, AND AT A MAXIMUM OF 60' [1828.8mm] INTERVALS. EXPANSION MATERIAL SHALL ALSO BE PLACED BETWEEN CURBS AND ADJACENT STRUCTURES, SIDEWALKS, DRIVEWAYS AND CURB ACCESS RAMPS. THE 1/2" [13mm] JOINT FILLER SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
 - CONCRETE SHALL BE FINISHED WITH A STEEL TROWEL FOLLOWED BY BRUSHING WITH A FINE BRUSH ALONG THE LENGTH OF THE CURB OR CURB AND GUTTER.
 - SINGLE CURB MAY BE CONSTRUCTED BY THE USE OF FORMS OR MAY BE SLIP FORMED.
 - ALL EXPOSED EDGES AND HAND TOoled JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" [6mm] RADIUS UNLESS A LARGER RADIUS IS INDICATED BY THE APPLICABLE STANDARD DETAIL OR PROJECT PLANS.
 - FOR REVEALS OF 6" [152mm] TO LESS THAN 8" [203mm].
 - FOR REVEALS OF 8" [203mm] TO 10" [254mm].

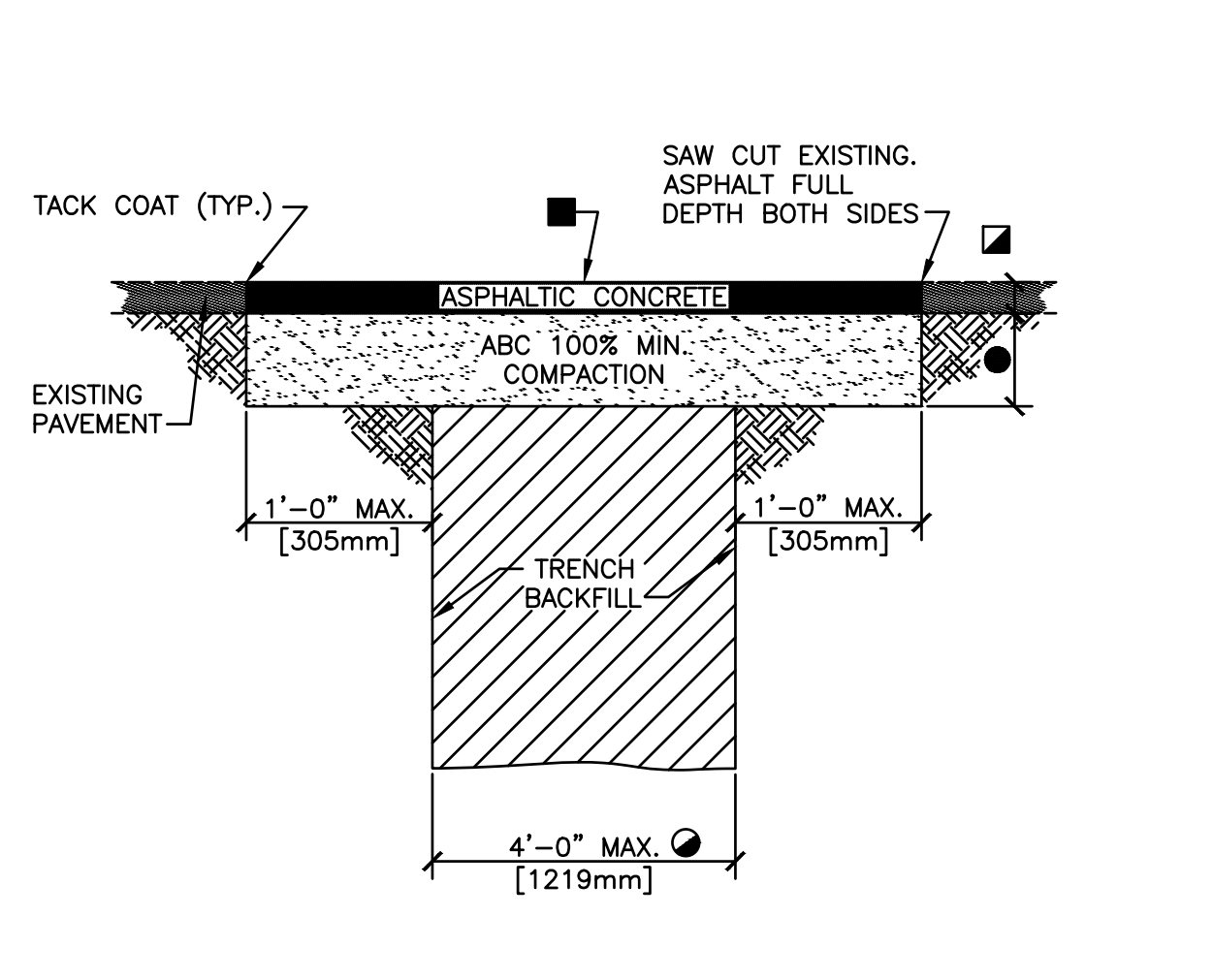
1 CONCRETE SIDEWALK
SCALE: NOT TO SCALE

2 CONCRETE CURB AND TERMINAL SECTION
SCALE: NOT TO SCALE



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

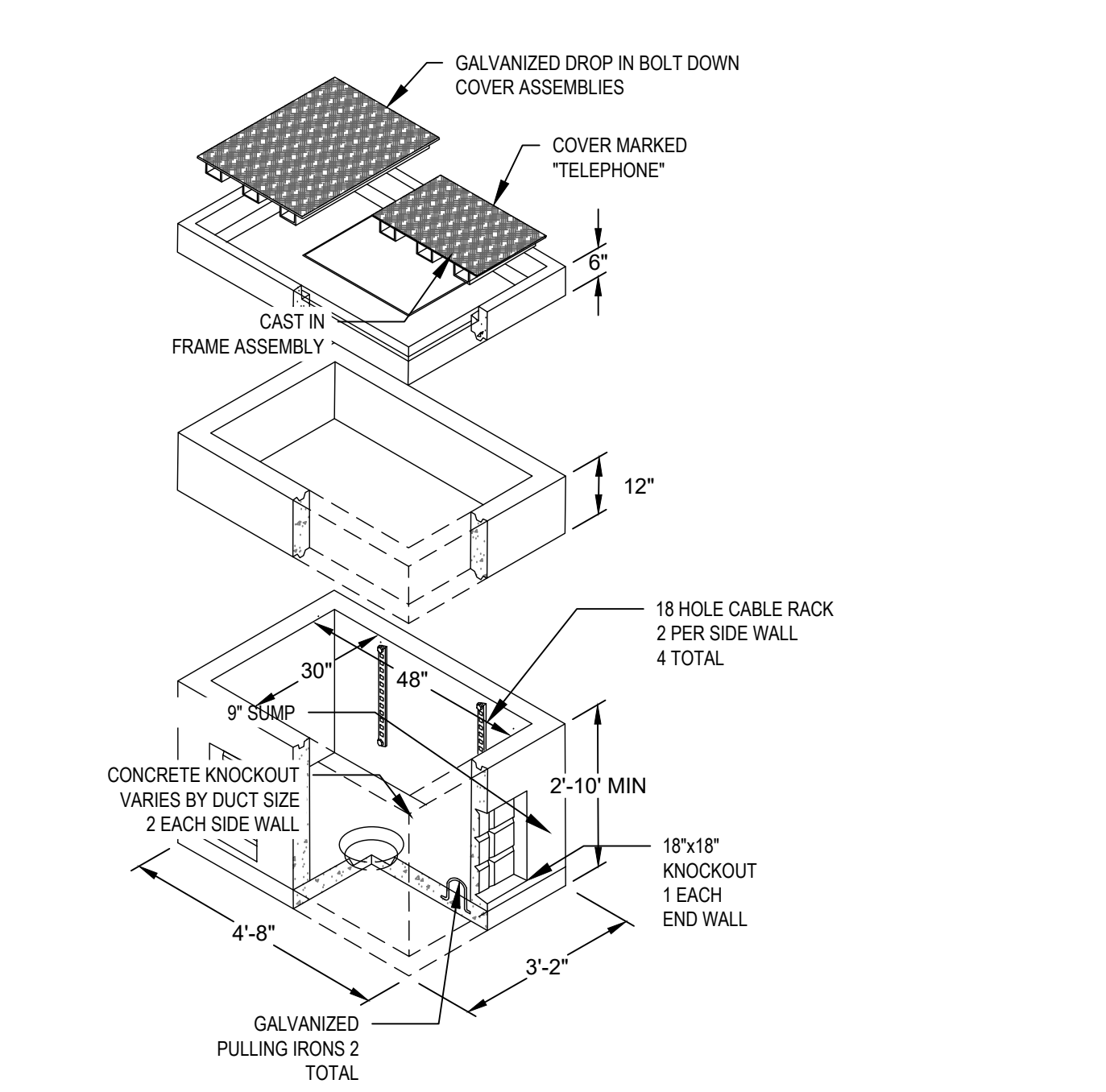
3 TYPE 3 UTILITY TRENCH PATCH
SCALE: NOT TO SCALE



- FOR TRENCH WIDTHS EXCEEDING 4' [1219mm] REFER TO VA STANDARD DETAIL 32 12 16-02 "TYPE 2 UTILITY TRENCH PATCH" FOR TRENCH WHERE PORTLAND CEMENT CONCRETE (PCC) PAVEMENT EXISTS. REFER TO 32 12 16-03 "TYPE 3 UTILITY TRENCH PATCH".
 - 2" [50mm] MINIMUM OR THICKNESS OF EXISTING PAVEMENT WHICHEVER IS GREATER.
 - BITUMINOUS SURFACE TREATMENT (CHIPSEAL) REQUIRED ONLY FOR LONGITUDINAL TRENCHES WITH WIDTHS GREATER THAN 6' [1829mm].
 - 4" [100mm] MINIMUM ABC OR THICKNESS OF EXISTING GRANULAR BASE COURSE MATERIALS (E.G. ABC & SELECT MATERIAL) WHICHEVER IS GREATER.
- REFER TO VA STANDARD DETAIL 32 12 16-04 "UTILITY TRENCH PAVEMENT PATCH NOTES" FOR ADDITIONAL INFORMATION.

4 TYPE 1 UTILITY TRENCH PATCH
SCALE: NOT TO SCALE

- PULLBOX NOTES**
- CONCRETE PULLBOXES SHALL BE MONOLITHICALLY-POURED REINFORCED CONCRETE.
 - COVERS SHALL HAVE MOLDED LETTERING, FIBER OPTIC.
 - PULLBOXES SHALL COMPLY WITH THE REQUIREMENTS OF ANSI 77 LOADING REQUIREMENTS AS FOLLOWS:
 - LIGHT DUTY: NON-PAVED AREAS
 - TIER 8: SIDEWALK LOCATIONS NOT CROSSING DRIVEWAYS
 - AASHTO H-20: PARKING LOTS, ROADWAYS, OR ACCESS DRIVES
 - MAXIMUM SPACING BETWEEN PULLBOXES SHALL BE 300 LF, MEASURED ALONG THE HORIZONTAL ALIGNMENT.



NOTE: SEE PLANNED CONSTRUCTION PROFILE SHEETS FOR INDIVIDUAL STRUCTURE DEPTHS AND KNOCKOUT INVERTS AND LOCATIONS

5 EXTERIOR PULL BOX (30"X48")
SCALE: NOT TO SCALE

GENERAL NOTES

- ALL IMPROVEMENTS SHOWN ON THESE ENGINEERING PLANS SHALL COMPLY WITH THE CITY OF SIOUX FALLS DESIGN AND SPECIFICATIONS, LATEST EDITION, AND THE STANDARDS OF THE SOUTH DAKOTA DEPARTMENT OF NATURAL RESOURCES, LATEST EDITION.
- UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS, RECORDS, AND FIELD INVESTIGATION. THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS. THE EXISTENCE OF WHICH PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO.
- ALL DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE PROPERLY DISPOSED OF OFF-SITE UNLESS NOTED.
- THE CONTRACTOR SHALL EXERCISE PROPER CAUTION TO PROTECT THE EXISTING IMPROVEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE.
- PORTLAND CEMENT CONCRETE. CONCRETE SHALL HAVE THE FOLLOWING PROPERTIES. COMPRESSING STRENGTH SHALL BE 4000PSI IN 14 DAYS. AIR ENTRAINMENT SHALL BE BETWEEN 5% AND 8% AND SLUMP SHALL BE 4 INCHES OR LESS AS MEASURED BY THE APPROPRIATE ASTM METHODS. REINFORCING STEEL SHALL BE ASTM CERTIFIED 60KSI TENSILE STRENGTH. REINFORCING STEEL SHALL BE #4 SIZE UNLESS OTHERWISE SPECIFIED. HANDRAILS, BOLLARDS, AND OTHER APPURTENANCES SHALL BE INSTALLED PER PLAN AND MEET JURISDICTIONAL REQUIREMENTS.
- CLEANUP AND FINAL INSPECTION. WORK BROKEN OR DAMAGED BY CONTRACTOR ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. ALL WASTE MATERIAL, CONCRETE WASHOUT, LANDSCAPE WASTE AND BUILDING MATERIAL SHALL BE REMOVED. SOIL SHALL BE REMOVED FROM PAVED AREAS AND THE PROJECT SHALL BE LEFT IN A CLEAN AND WORKMANLIKE MANNER.
- MATERIAL AND COMPACTION REQUIREMENTS FOR PIPE BEDDING/SHADING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS FOR THE APPLICABLE UTILITY PIPE.
- TRENCH BACKFILL SHALL COMMENCE 1 FOOT ABOVE THE TOP OF PIPE AND SHALL BE PER SECTION XXX.
- BACKFILL COMPACTION REQUIREMENTS SHALL BE PER SECTION XXX.
- ASPHALTIC TACK MATERIAL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION XXX.
- ASPHALTIC CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION XXX FOR THE TYPE SPECIFIED.
- LOAD TRANSFER DOWELS FOR JOINTS TRANSVERSE TO THE ROADWAY CENTERLINE SHALL BE SMOOTH STEEL DOWELS IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION XXX. DOWELS SHALL BE SPACED AS FOLLOWS:

PCCP THICKNESS	DOWEL SIZE	DOWEL LENGTH	DOWEL SPACING
6"	#5	12"	18"
7"	#6	15"	15"
8"	#8	15"	12"
10"	#10	15"	12"

EROSION CONTROL NOTES

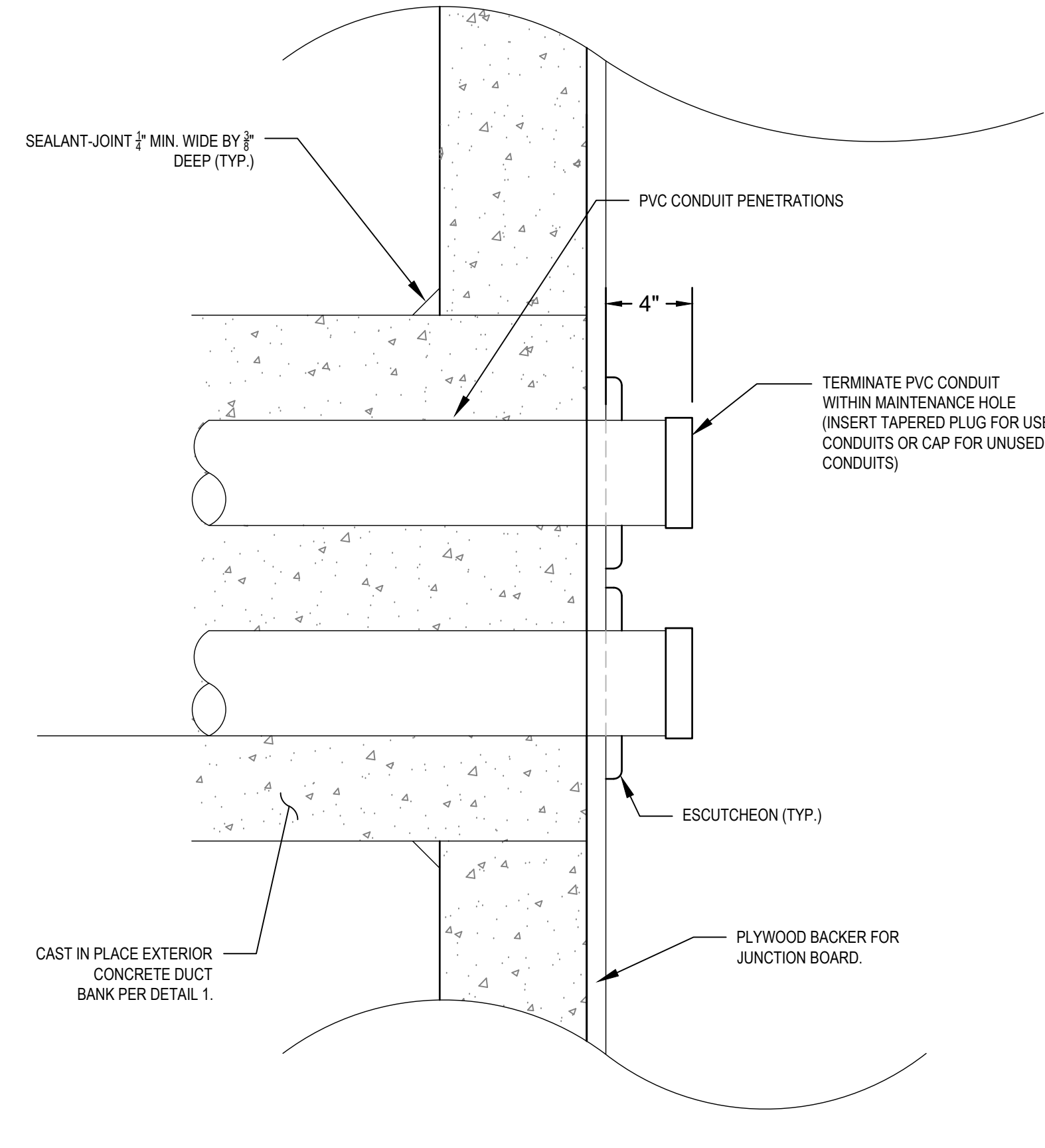
- EROSION CONTROL SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS WHERE POSSIBLE.
- CONSTRUCTION ENTRANCE SHALL BE MAINTAINED TO PREVENT OFF-SITE TRACKING OF SEDIMENT ONTO PUBLIC ROADWAYS. ANY SEDIMENT DEPOSITED ON PUBLIC ROADS SHALL BE REMOVED BY SHOVELING OR STREET CLEANING BEFORE THE END OF EACH WORKING DAY.
- SHOWN LOCATION OF SILTATION CONTROL IS APPROXIMATE. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION.
- WATER PUMPED DURING CONSTRUCTION OPERATIONS SHALL BE FILTERED. ONCE CONSTRUCTION HAS BEEN COMPLETED, OR TEMPORARILY SUSPENDED FOR LONGER THAN 14 DAYS (SUCH AS WINTER SHUTDOWN), THE CONTRACTOR SHALL INITIATE SEEDING ON ALL AREAS DISTURBED IMMEDIATELY OF THE LAST DISTURBANCE. EROSION CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE CONTRACTOR ESTABLISHES A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY TO THE SATISFACTION OF THE ENGINEER.
- CONTRACTOR SHALL ADHERE TO THE SOUTH DAKOTA CONSTRUCTION SITE EROSION CONTROL MANUAL.
- ALL EROSION CONTROL MEASURES MUST BE INSTALLED (WHERE POSSIBLE) PRIOR TO THE COMMENCEMENT OF ANY EARTH DISTURBING OPERATIONS. THE REMAINING EROSION CONTROL MEASURES SHALL BE INSTALLED AS SOON AS REASONABLY POSSIBLE AFTER GRADING OPERATIONS BEGIN. WHERE THE PRESENCE OF SILT FENCE WILL INTERFERE WITH ACTIVITIES, DIVERSION DITCHES AND SMALL TEMPORARY SEDIMENT TRAPS SHALL BE UTILIZED UNTIL SILT FENCE OR OTHER MEASURES MAY BE INSTALLED AND VEGETATION ESTABLISHED.
- EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH PRECIPITATION EVENT AND REPLACED OR REPAIRED AS NECESSARY.
- SILT FENCE AND SEDIMENT BASIN SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO WITHIN ONE FOOT OF THE TOP OF THE SILT FENCE.
- PROJECT WILL BE COVERED BY A GENERAL PERMIT REGULATING RUNOFF FROM CONSTRUCTION SITES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM THE REQUIRED MONITORING, INSPECTION AND MAINTENANCE AS REQUIRED BY THE PERMIT.
- CONCRETE WASHOUT DEBRIS SHOULD BE HAULED OFF-SITE. WASHOUT SHOULD BE FILLED IN AND SEEDED.
- ALL AREAS DISTURBED BEYOND LIMITS SHOWN SHOULD BE SEEDING WITH ADJACENT SEED MIXTURE OR IN-KIND.
- THERE ARE NO EXPECTED DOWNSTREAM IMPACTS OTHER THAN THOSE ALLOWED PER ORDINANCE (2 YEAR, PRE-DEVELOPED RATE OF RELEASE)

UTILITY NOTES

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

GRADING NOTES

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



6 PULLBOX PENETRATION DETAIL
SCALE: NOT TO SCALE

<p>CONSULTANT</p> <p>SPECIALIZED ENGINEERING SOLUTIONS</p> <p>10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5520 www.specializedeng.com</p>		<p>ARCHITECT/ENGINEER OF RECORD</p> <p>ANDERSON</p> <p>13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090</p>		<p>STAMP</p> <p>Office of Construction and Facilities Management</p> <p>VA U.S. Department of Veterans Affairs</p>	<p>Drawing Title</p> <p>DETAILS & NOTES</p> <p>Approved: Project Director</p>	<p>Phase</p> <p>BID DOCUMENTS</p>	<p>Project Title</p> <p>VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES</p> <p>Project Number 438-20-910</p> <p>Building Number SITE</p> <p>Drawing Number C-501</p>
<p>Revisions:</p>	<p>Date:</p>	<p>Issue Date</p> <p>11/29/2021</p>		<p>Checked</p> <p>LRK</p>	<p>Drawn</p> <p>JPR</p>	<p>Location</p> <p>Sioux Falls, SD</p>	

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DEMOLITION GENERAL NOTES

- GENERAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK, PHASING AND SEQUENCING WITH THE OWNER. ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THESE DOCUMENTS IS FOR ARCHITECT - OWNER PLANNING PURPOSES ONLY, UNLESS NOTED OTHERWISE.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL TRADES FOR THE DEMOLITION WORK REQUIRED FOR THIS PROJECT.
- WHERE PARTITIONS ARE INDICATED TO BE REMOVED, REMOVE PARTITION ALONG WITH ALL ITEMS CONTAINED WITHIN, INCLUDING DOORS, FRAMES, HARDWARE, SCHEDULED FINISHES, MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. TO STRUCTURE ABOVE, UNLESS NOTED OTHERWISE.
- WHERE FLOOR FINISH IS INDICATED TO BE DEMOLISHED, REMOVE FINISH TO FLOOR SLAB AS REQUIRED AND PREPARE SLAB SURFACE FOR SCHEDULED FINISHES WITHIN AREA TO BE REMODELED, UNLESS NOTED OTHERWISE. SEE FINISH SCHEDULE FOR EXISTING FLOOR FINISHES TO REMAIN UNDISTURBED.
- WHERE CEILING IS INDICATED TO BE DEMOLISHED, REMOVE CEILING SUSPENSION SYSTEM ALONG WITH ALL ASSOCIATED MECHANICAL AND ELECTRICAL ITEMS, UNLESS NOTED OTHERWISE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF CONDUIT, PIPING AND DUCTWORK DEMOLITION WITHIN AREA TO BE REMODELED.
- WHERE INDICATED, REMOVE ALL WALL/PARTITION EXISTING FINISHES AND PREPARE THE SURFACES FOR SCHEDULED FINISHES. SEE FINISH SCHEDULE FOR FINISHES.
- ALL DISTURBED AREAS, WALLS, PARTITIONS, FLOORS, ETC. DAMAGED BY DEMOLITION WORK SHALL BE PATCHED TO MATCH ADJACENT AREA.
- OWNER RESERVES THE RIGHT OF FIRST REFUSAL OF ALL SALVAGED ITEMS SUCH AS DOORS, LIGHT FIXTURES, PLUMBING FIXTURES ETC.
- SALVAGED ITEMS SCHEDULED FOR REUSE SHALL BE CLEANED, RESTORED AND/OR REFINISHED TO LIKE NEW CONDITION, UNLESS NOTED OTHERWISE.
- DO NOT REMOVE ANY EXISTING STRUCTURAL SUPPORT MEMBERS SUCH AS COLUMNS, BEAMS, JOISTS, LOAD-BEARING PARTITIONS ETC. UNTIL ADEQUATE PERMANENT OR TEMPORARY SUPPORT IS IN PLACE. ALL EXISTING STRUCTURAL MEMBERS SHALL BE ADEQUATELY PROTECTED, COORDINATE WITH STRUCTURAL ENGINEER.
- SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED DEMOLITION AND PREP WORK.
- WALL AND CEILING MOUNTED ITEMS SHOWN DASHED, SUCH AS WALL CABINETS, SHELVING, CUBICLE CURTAIN TRACKS, PROJECTION SCREENS ETC. SHALL BE REMOVED, UNLESS NOTED OTHERWISE.
- WITHIN ALL EXISTING ROOMS/SPACES RECEIVING SCHEDULED FLOOR, OR WALL, OR CEILING FINISHES, REMOVE ALL EXISTING FLOOR, OR WALL, OR CEILING FINISHES DOWN TO THE SUBSTRATE. INCLUDE THE REMOVAL OF ALL ITEMS LOCATED WITHIN THE EXISTING FINISH REMOVALS UNDO PATCH AND PREP ALL SUBSTRATES TO RECEIVE SCHEDULED FINISHES. FOR ADDITIONAL INFORMATION, SEE KEYNOTED ITEMS, FINISH PLANS AND/OR SCHEDULES, STRUCTURAL, MECHANICAL AND ELECTRICAL.
- THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS. THIS WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. SEE MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY PLANS FOR ADDITIONAL WORK.

NOTE: COORDINATE GENERAL DEMOLITION WORK WITH ABATEMENT AND REMEDIATION WORK.



DEMOLITION PLAN SYMBOLS

	EXISTING WALL TO REMAIN		EXISTING DOOR AND FRAME TO REMAIN
	WALL OR PARTITION TO BE REMOVED		EXISTING DOOR AND FRAME TO BE DEMOLISHED
	DASHED LINE INDICATES ITEM TO BE REMOVED (LINO)		KEY NOTE
	GRIDLINE		

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

1 GROUND FLOOR DEMOLITION PLAN - BUILDING 5
3/64" = 1'-0"

Revisions:	Date:

CONSULTANT

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Anderson Engineering of Minnesota, LLC | Proj # 16090

STAMP

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

Drawing Title
GROUND LEVEL OVERALL DEMOLITION PLAN - BUILDING 5

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
11/29/2021

Checked
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Drawn
GJB

Project Number
438-20-910

Building Number
5

Drawing Number
AD101-05

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GENERAL NOTES

1. THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS. THIS WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. SEE MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY PLANS FOR ADDITIONAL WORK.
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3. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. WHEREVER OPENINGS ARE CUT THROUGH FIRE RATED PARTITIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR WHOM THE HOLE IS CUT TO PATCH AND REPAIR ANY OPENING TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
5. GENERAL CONTRACTOR TO CHECK MECHANICAL DRAWINGS FOR EXISTING PIPES AND DUCTS FURRED IN WALLS. VERIFY SIZE AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO PROCEEDING WITH REMODELING.
6. FIREPROOFING SHALL BE UNPERFORMED. ANY SUBCONTRACTOR PENETRATING THE FIREPROOFING SHALL BE REQUIRED TO REPLACE FIREPROOFING TO THE ORIGINAL CONDITION AND FIRE RATING, AT THE SUBCONTRACTORS EXPENSE.
7. EQUIPMENT UNIT DIMENSIONS ARE FOR PRODUCT DESCRIPTION ONLY. VERIFY SIZE WITH MANUFACTURER.
8. ALL DIMENSIONS PERTAINING TO MECHANICAL OR ELECTRICAL SERVICES OR EQUIPMENT SHALL BE VERIFIED WITH THE RESPECTIVE TRADE.
9. ALL CONTRACTORS THAT PENETRATE AND/OR DISTURB ANY AREAS AT EXISTING CONDITIONS SHALL PATCH AREA TO MATCH EXISTING ADJACENT AREA OR SURFACE AND PREPARE FOR SCHEDULED FINISH APPLICATION. COORDINATE WORK WITH GENERAL CONTRACTOR PRIOR TO PROCEEDING.
10. VERIFY HEIGHTS AND LOCATIONS OF ACCESS PANELS (AP) AND COORDINATE TYPES WITH TRADES WHICH REQUIRE THEM.
11. PROVIDE LITELES AND FRAMING FOR GRILLES, LOUVERS, AND ROOF VENTS AS REQUIRED BY ARCHITECTURAL. SEE RESPECTIVE SECTIONS AND/OR DRAWINGS FOR DEFINITIONS.
12. STRUCTURAL, MECHANICAL, AND ELECTRICAL ABBREVIATIONS AND SYMBOLS MAY DIFFER FROM ARCHITECTURAL. SEE RESPECTIVE SECTIONS AND/OR DRAWINGS FOR DEFINITIONS.
13. AT MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, PROVIDE 3/4" FT PLYWOOD BACKING BEHIND ALL SURFACE MOUNTED FIXTURES AND EQUIPMENT, UNLESS NOTED OTHERWISE.
14. CONTRACTOR SHALL EVALUATE INTEGRITY OF ALL PARTITIONS INDICATED BY SYMBOLS ON THE LIFE SAFETY PLANS WITHIN THE PROJECT SCOPE AND UPGRADE AS REQUIRED. ALL FIRE RESISTIVE RATED WALLS SHALL BE CONSTRUCTED OF MATERIALS / ASSEMBLIES MEETING THE RATING INDICATED. TERMINATE AT THE DECK ABOVE WITH A TESTED HEAD OF WALL ASSEMBLY AND ALL PENETRATIONS SHALL BE SEALED WITH A TESTED ASSEMBLY. ALL SMOKE PARTITIONS SHALL BE CONSTRUCTED OF MATERIALS THAT RESIST THE PASSAGE OF SMOKE. TERMINATE AT THE DECK ABOVE WITH A JOINT SEALED WITH FIRE CAULK AND ALL PENETRATIONS SHALL BE SEALED WITH FIRE CAULK.

FLOOR PLAN SYMBOLS

	EXISTING WALL TO REMAIN	8'-0"	DIMENSION LINE, NOMINAL
	WALL	8'-0"	EXTENDED DIMENSION LINE, NOMINAL
	EXISTING DOOR AND FRAME TO REMAIN	1A (AE211) 2B	INTERIOR ELEVATION INDICATOR TAG
	DOOR	1A (AE201)	EXTERIOR ELEVATION INDICATOR TAG
	INTERIOR BORROWED LIGHT	203	EQUIPMENT TAG
	WALL TAG	100	FLOOR SPOT ELEVATION
	OFFICE	1A (AE501)	DETAIL REFERENCE TAG
	KEY NOTE	(FN1)	
	INTERIOR SECTION REFERENCE TAG	1A (AE201)	EXTERIOR SECTION REFERENCE TAG
	REVISION TAG	PRO1	REVISION CLOUD
	GRIDLINE	9.3	SIGN TAG

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

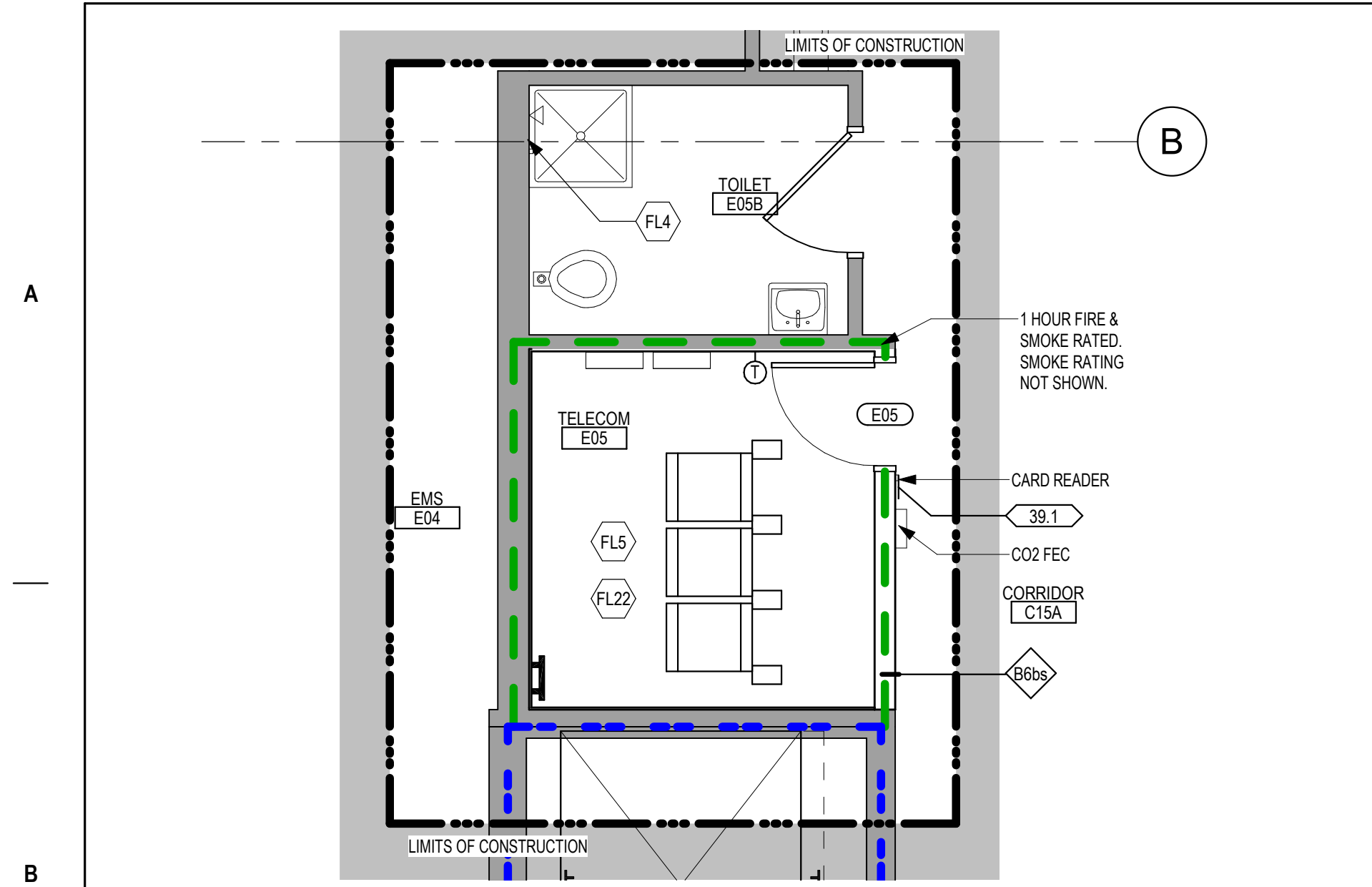
2 GROUND LEVEL - BUILDING 5 ALTNERANTE TEMP TR ROOM LOCAION
3/64" = 1'-0"



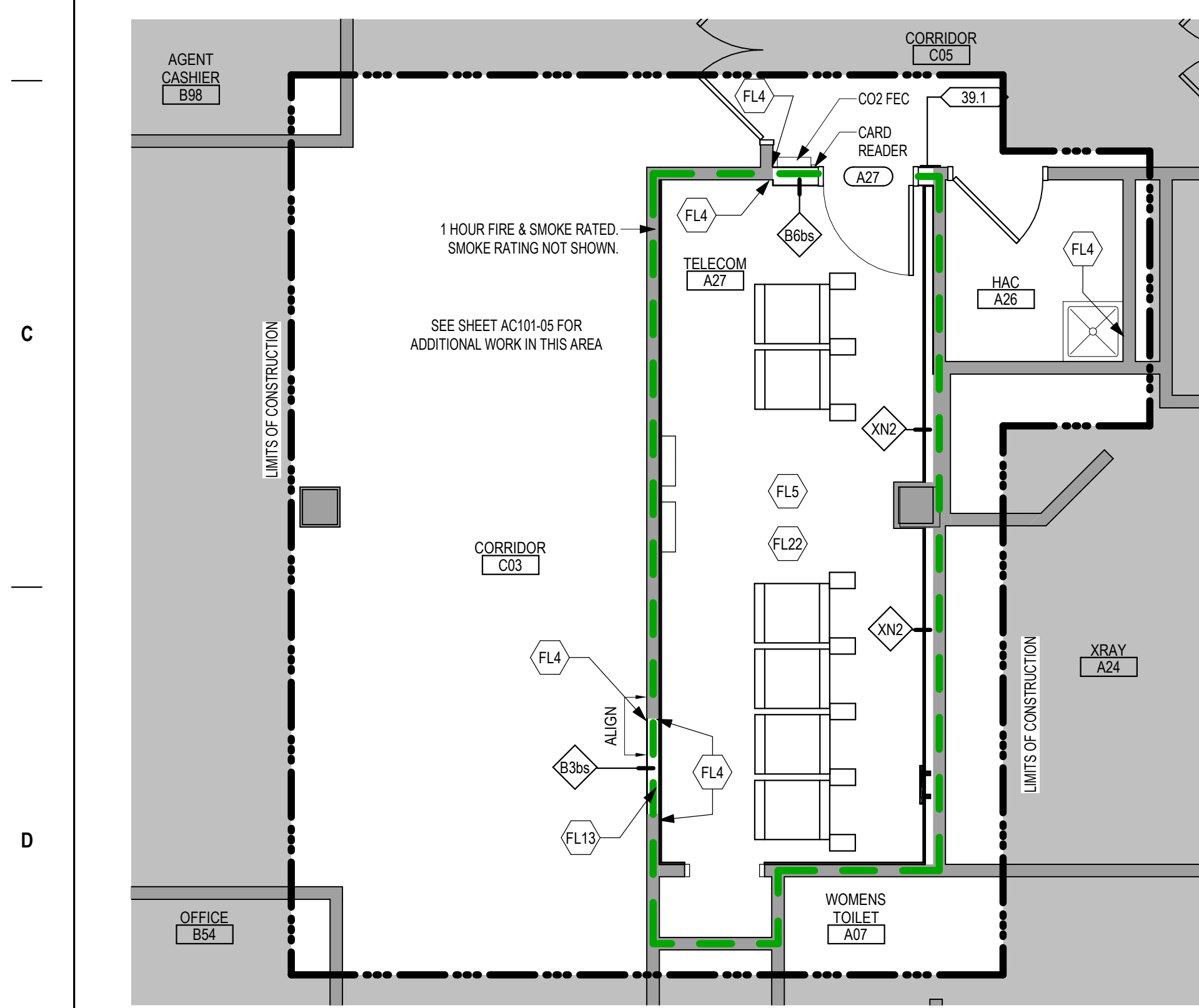
1 GROUND LEVEL FLOOR PLAN OVERALL - BUILDING 5
3/64" = 1'-0"

CONSULTANT AST	ARCHITECT/ENGINEER OF RECORD ANDERSON 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16990	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title GROUND LEVEL OVERALL FLOOR PLAN - BUILDING 5	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910
			Approved:	FULLY SPRINKLERED	Location Sioux Falls, SD	Drawing Number AE101-05
Revisions:	Date:	Issue Date 07/06/2021	Checked Checker	Drawn GJB		

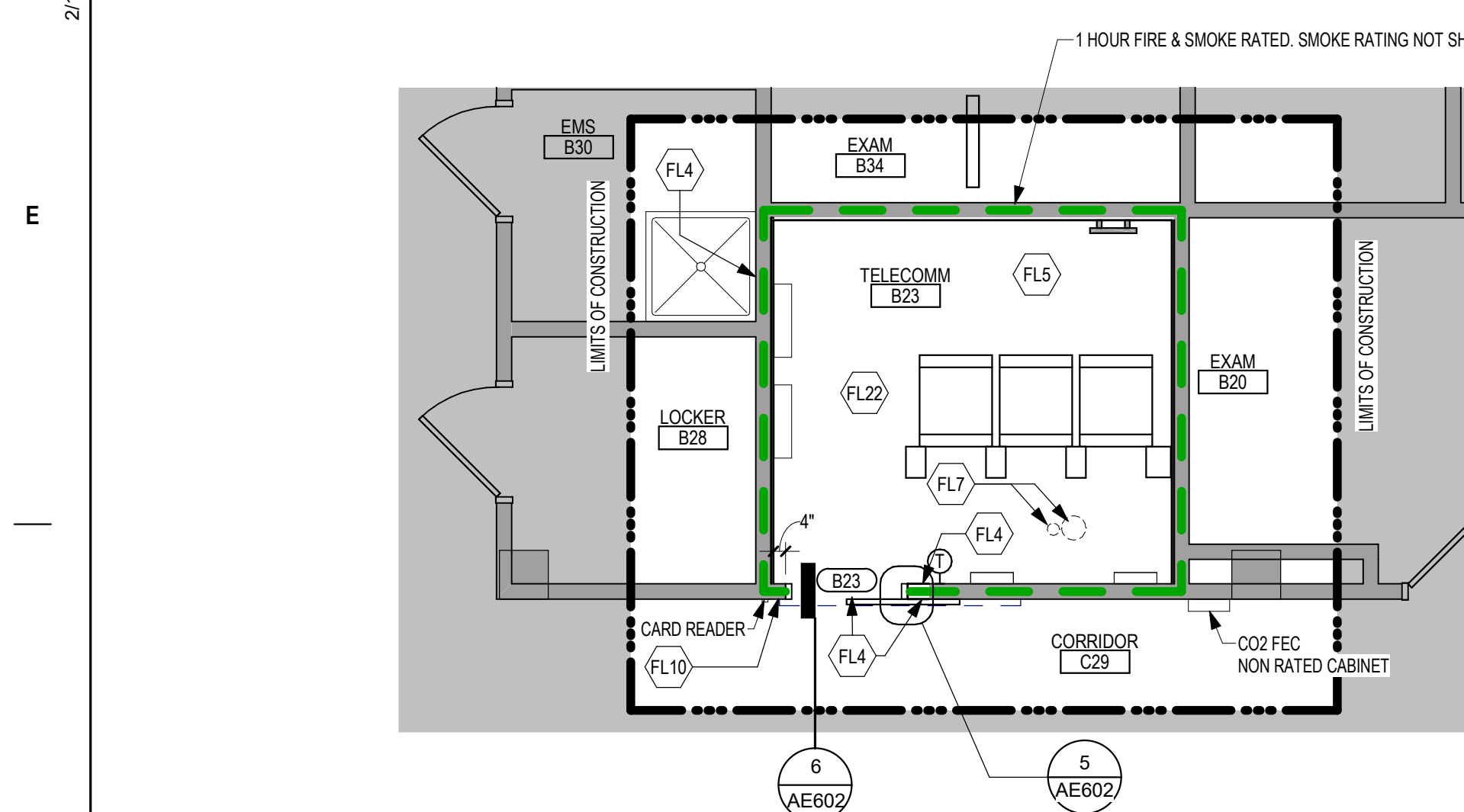
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2 ENLARGED PLAN - TELECOM E05 - BUILDING 5
1/4" = 1'-0"



4 ENLARGED PLAN - TELECOM A27 - BUILDING 5
1/4" = 1'-0"



6 ENLARGED PLAN - TELECOM B23 - BUILDING 5
1/4" = 1'-0"

FLOOR PLAN KEYED NOTES

- FL1 PATCH PARTITION, BOTH SIDES, AS REQUIRED FROM MECHANICAL / ELECTRICAL WORK. SEE MECHANICAL / ELECTRICAL FOR ADDITIONAL INFORMATION.
- FL2 PROVIDE PARTITION TYPE XPS INFILL AT REMOVED RADIATOR GRILLS. PATCH PARTITION, WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES. WHERE EXISTING FINISHES ARE DISTURBED PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.
- FL3 INFILL FLOOR TO MATCH EXISTING HEIGHT. SEE STRUCTURAL.
- FL4 PATCH PARTITION, WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES, AS REQUIRED FROM DEMOLITION. WHERE EXISTING FINISHES ARE DISTURBED PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.
- FL5 PROVIDE PLYWOOD 3 SIDES OF ROOM. SEE TYPICAL ELEVATIONS SHEET AE211
- FL6 INFILL OPENING IN CONCRETE FLOOR. SEE STRUCTURAL FOR ADDITIONAL INFORMATION. PREP FLOOR FOR FINISHES AS SCHEDULED.
- FL7 PATCH FLOOR AT REMOVED ELECTRICAL. PREP FLOOR FOR FINISHES AS SCHEDULED.
- FL8 REINSTALL SALVAGED DOOR, FRAME AND ALL ASSOCIATED HARDWARE.
- FL9 REINSTALL SALVAGED LOCKER(S). PROVIDE PREMANUFACTURED BASE, FINISHED END PANEL(S) AND SLOPED TOP(S) TO MATCH EXISTING.
- FL10 REINSTALL SALVAGED SIGN(S)
- FL11 REINSTALL SALVAGED CEILING REMOVED FOR INSTALLATION OF MEP ITEMS. SEE MEP PLANS FOR ADDITIONAL INFORMATION.
- FL12 MODIFY BASE AND SLOPED TOP AT EXISTING LOCKERS. PROVIDE PREMANUFACTURED FINISHED END PANEL(S) TO MATCH EXISTING.
- FL13 PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION. WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL. 3 / AF600
- FL14 PATCH FLOORING TO MATCH EXISTING FLOORING AS REQUIRED. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. UNLESS NOTED OTHERWISE.
- FL15 PATCH CONCRETE FLOOR AT REMOVED PARTITION AND/OR CONCRETE COVE BASE. PREP FOR FINISHES AS SCHEDULED.
- FL16 EDGE ILLUMINATED PHOTO MURALS, RECESSED IN PARTITION FOR ADDITIONAL INFORMATION SEE ELEVATION. 8 / AE211
- FL17 FINISH WALLS TO MATCH EXISTING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL. 2 / AF600
- FL18 PAINT WALLS P-1
- FL19 PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION. WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL. 4 / AF600
- FL20 FINISH WALLS TO MATCH EXISTING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL. 5 / AF600
- FL21 PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION. WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL. 6 / AF600
- FL22 UPGRADE PARTITIONS TO 1 HOUR FIRE AND SMOKE BARRIER ALL SIDES OF ROOM. PROVIDE TESTED HEAD OF PARTITION ASSEMBLY WITH MATERIALS THAT RESIST THE PASSAGE OF SMOKE. SEAL JOINT AT HEAD OF PARTITION AND ALL PENETRATIONS WITH FIRE CALK.

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

GENERAL NOTES

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3. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. WHEREVER OPENINGS ARE CUT THROUGH FIRE RATED PARTITIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR WHOM THE HOLE IS CUT TO PATCH AND REPAIR ANY OPENING TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
5. GENERAL CONTRACTOR TO CHECK MECHANICAL DRAWINGS FOR EXISTING PIPES AND DUCTS FURRED IN WALLS. VERIFY SIZE AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO PROCEEDING WITH REMODELING.
6. FIREPROOFING SHALL BE UNPERCEIVED. ANY SUBCONTRACTOR PENETRATING THE FIREPROOFING SHALL BE REQUIRED TO REPLACE FIREPROOFING TO THE ORIGINAL CONDITION AND FIRE RATING, AT THE SUBCONTRACTORS EXPENSE.
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10. VERIFY HEIGHTS AND LOCATIONS OF ACCESS PANELS (AP) AND COORDINATE TYPES WITH TRADES WHICH REQUIRE THEM.
11. PROVIDE LIMELETS AND FRAMING FOR GRILLES, LOUVERS, AND ROOF VENTS AS REQUIRED BY MECHANICAL CONTRACTOR. VERIFY SIZE AND LOCATION.
12. STRUCTURAL, MECHANICAL, AND ELECTRICAL ABBREVIATIONS AND SYMBOLS MAY DIFFER FROM ARCHITECTURAL. SEE RESPECTIVE SECTIONS AND/OR DRAWINGS FOR DEFINITIONS.
13. AT MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, PROVIDE 3/4" FRT PLYWOOD BACKING BEHIND ALL SURFACE MOUNTED FIXTURES AND EQUIPMENT, UNLESS NOTED OTHERWISE.
14. CONTRACTOR SHALL EVALUATE INTEGRITY OF ALL PARTITIONS INDICATED BY SYMBOLS ON THE LIFE SAFETY PLANS) WITHIN THE PROJECT SCOPE AND UPGRADE AS REQUIRED. ALL FIRE RESISTIVE RATED WALLS SHALL BE CONSTRUCTED OF MATERIALS / ASSEMBLIES MEETING THE RATING INDICATED. TERMINATE AT THE DECK ABOVE WITH A TESTED HEAD OF WALL ASSEMBLY, AND ALL PENETRATIONS SHALL BE SEALED WITH A TESTED ASSEMBLY. ALL SMOKE PARTITIONS SHALL BE CONSTRUCTED OF MATERIALS THAT RESIST THE PASSAGE OF SMOKE. TERMINATE AT THE DECK ABOVE WITH A JOINT SEALED WITH FIRE CALK AND ALL PENETRATIONS SHALL BE SEALED WITH FIRE CALK.

FLOOR PLAN SYMBOLS

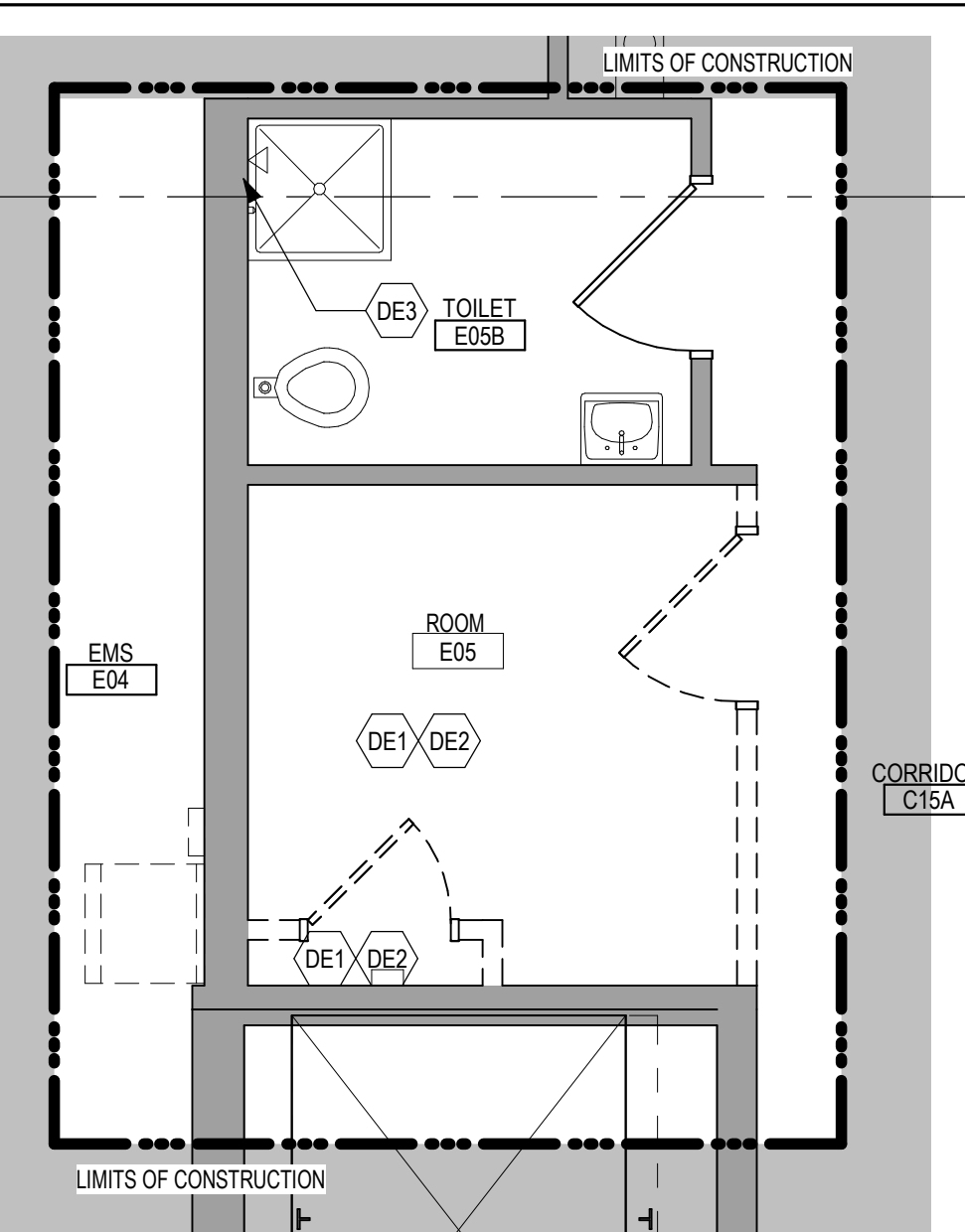
	EXISTING WALL TO REMAIN	8'-0"	DIMENSION LINE, NOMINAL
	WALL	8'-0"	EXTENDED DIMENSION LINE, NOMINAL
	EXISTING DOOR AND FRAME TO REMAIN	1A AE211 2B	INTERIOR ELEVATION INDICATOR TAG
	DOOR	1A AE201	EXTERIOR ELEVATION INDICATOR TAG
	INTERIOR BORROWED LIGHT	203	EQUIPMENT TAG
	WALL TAG	100	FLOOR SPOT ELEVATION
	OFFICE	1A AE501	DETAIL REFERENCE TAG
	KEY NOTE		
	INTERIOR SECTION REFERENCE TAG	1A AE201	EXTERIOR SECTION REFERENCE TAG
	REVISION TAG		REVISION CLOUD
	GRIDLINE	99.3	SIGN TAG

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

LIFE SAFETY SYMBOLS

	SMOKE TIGHT ASSEMBLY	1 HOUR FIRE & SMOKE BARRIER
	1 HOUR FIRE BARRIER	2 HOUR FIRE & SMOKE BARRIER
	2 HOUR FIRE BARRIER	3 HOUR FIRE & SMOKE BARRIER
	3 HOUR FIRE BARRIER	FIRE EXTINGUISHER CABINET
	FEC	

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN



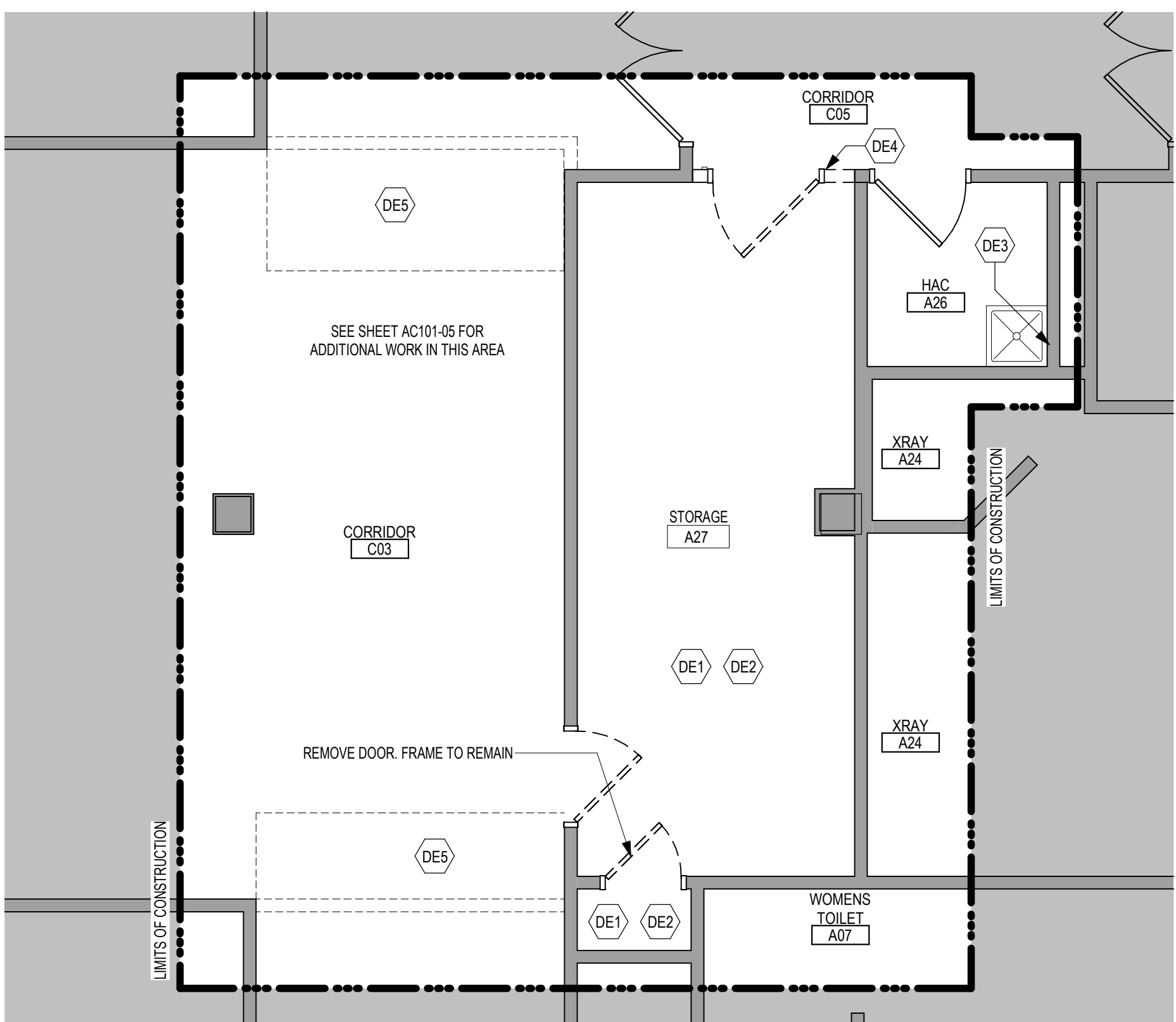
1 ENLARGED DEMOLITION PLAN - ROOM E05 - BUILDING 5
1/4" = 1'-0"

DEMOLITION PLAN SYMBOLS

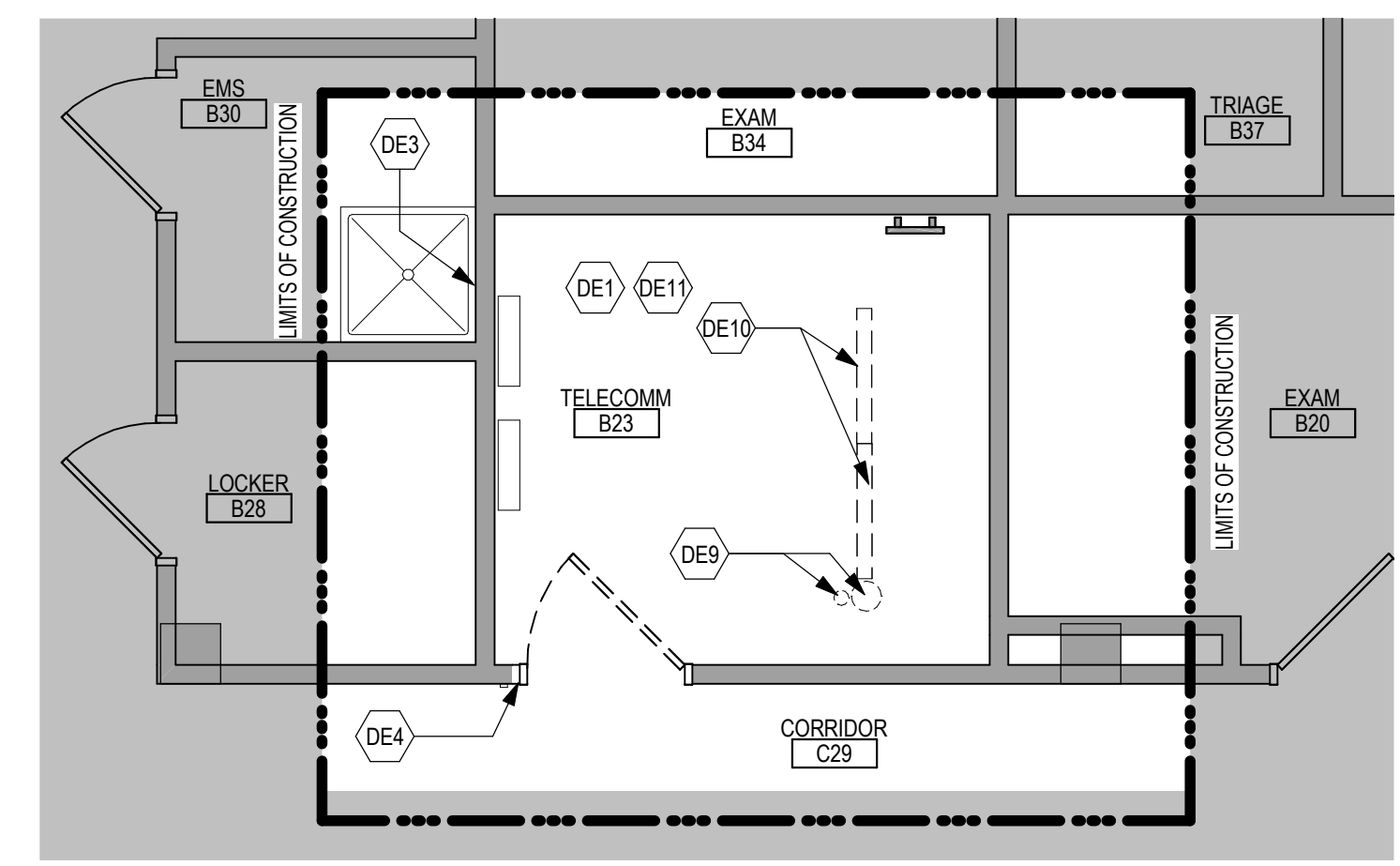
	EXISTING WALL TO REMAIN		EXISTING DOOR AND FRAME TO REMAIN
	WALL OR PARTITION TO BE REMOVED		EXISTING DOOR AND FRAME TO BE DEMOLISHED
	DASHED LINE INDICATES ITEM TO BE REMOVED (UNO)	DE10	KEY NOTE
	GRIDLINE		

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

NOTE: COORDINATE GENERAL DEMOLITION WORK WITH ABATEMENT AND REMEDIATION WORK.



3 ENLARGED DEMOLITION PLAN - STORAGE A27 - BUILDING 5
1/4" = 1'-0"



5 ENLARGED DEMOLITION PLAN - TELECOM B23 - BUILDING 5
1/4" = 1'-0"

DEMOLITION GENERAL NOTES

1. GENERAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK, PHASING AND SEQUENCING WITH THE OWNER. ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THESE DOCUMENTS IS FOR ARCHITECT - OWNER PLANNING PURPOSES ONLY, UNLESS NOTED OTHERWISE.
2. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL TRADES FOR THE DEMOLITION WORK REQUIRED FOR THIS PROJECT.
3. WHERE PARTITIONS ARE INDICATED TO BE REMOVED, REMOVE PARTITION ALONG WITH ITEMS CONTAINED WITHIN, INCLUDING DOORS, FRAMES, HARDWARE, SHELIGHTS, WINDOWS, MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. TO STRUCTURE ABOVE, UNLESS NOTED OTHERWISE.
4. WHERE FLOOR FINISH IS INDICATED TO BE DEMOLISHED, REMOVE FINISH TO FLOOR SLAB AS REQUIRED AND PREPARE SLAB SURFACE FOR SCHEDULED FINISHES WITHIN AREA TO BE REMOVED UNLESS NOTED OTHERWISE. SEE FINISH SCHEDULE FOR EXISTING FLOOR FINISHES TO REMAIN UNDISTURBED.
5. WHERE CEILING IS INDICATED TO BE DEMOLISHED, REMOVE CEILING SUSPENSION SYSTEM ALONG WITH ALL ASSOCIATED MECHANICAL AND ELECTRICAL ITEMS, UNLESS NOTED OTHERWISE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF CONDUIT, PIPES AND DUCTWORK DEMOLITION WITHIN AREA TO BE REMODELED.
6. WHERE INDICATED, REMOVE ALL WALL PARTITION EXISTING FINISHES AND PREPARE THE SURFACES FOR SCHEDULED FINISHES. SEE FINISH SCHEDULE FOR FINISHES.
7. ALL DISTURBED AREAS, WALLS, PARTITIONS, FLOORS, ETC., DAMAGED BY DEMOLITION WORK SHALL BE PATCHED TO MATCH ADJACENT AREA.
8. OWNER RESERVES THE RIGHT OF FIRST REFUSAL OF ALL SALVAGED ITEMS SUCH AS: DOORS, LIGHT FIXTURES, PLUMBING FIXTURES ETC.
9. SALVAGED ITEMS SCHEDULED FOR REUSE SHALL BE CLEANED, RESTORED AND/OR REFINISHED TO LIKE NEW CONDITION, UNLESS NOTED OTHERWISE.
10. DO NOT REMOVE ANY EXISTING STRUCTURAL SUPPORT MEMBERS SUCH AS COLUMNS, BEAMS, JOISTS, LOAD-BEARING PARTITIONS ETC. UNTIL ADEQUATE PERMANENT OR TEMPORARY SUPPORT IS IN PLACE. ALL EXISTING STRUCTURAL MEMBERS SHALL BE ADEQUATELY PROTECTED. COORDINATE WITH STRUCTURAL ENGINEER.
11. SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED DEMOLITION AND PREP WORK.
12. WALL AND CEILING MOUNTED ITEMS SHOWN DASHED, SUCH AS WALL CABINETS, SHELVING, CUBICLE CURTAIN TRACKS, PROJECTION SCREENS ETC. SHALL BE REMOVED, UNLESS NOTED OTHERWISE.
13. WITH ALL EXISTING ROOMS/SPACES RECEIVING SCHEDULED FLOOR, OR WALL OR CEILING FINISHES, REMOVE ALL EXISTING FLOOR, OR WALL OR CEILING FINISHES DOWN TO THE SUBSTRATE. INCLUDE THE REMOVAL OF ALL ITEMS LOCATED WITHIN THE EXISTING FINISH REMOVALS UNO PATCH AND PREP ALL SUBSTRATES TO RECEIVE SCHEDULED FINISHES. FOR ADDITIONAL INFORMATION, SEE KEYNOTED ITEMS, FINISH PLANS AND/OR SCHEDULES, STRUCTURAL, MECHANICAL AND ELECTRICAL.
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DEMOLITION PLAN KEYED NOTES

- DE1 REMOVE FLOOR FINISH IN ITS ENTIRETY. PATCH & PREP FLOOR FOR SCHEDULED FINISH. SEE SPECIFICATION SECTION 09 05 16 SUBSURFACE PREPARATION FOR FLOOR FINISHES
- DE2 REMOVE CEILING IN ITS ENTIRETY, INCLUDING ALL MECHANICAL & ELECTRICAL ITEMS. SEE MECHANICAL / ELECTRICAL
- DE3 REMOVE GYP BD ON ONE SIDE OF PARTITION AS REQUIRED. SEE PLANS AND MECHANICAL / ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- DE4 CUT OPENING IN PARTITION AS REQUIRED FOR INSTALLATION OF DOOR AND FRAME AS SCHEDULED. SEE PLAN
- DE5 REMOVE PORTION OF CEILING AS REQUIRED. SEE PLANS FOR ADDITIONAL INFORMATION
- DE6 REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED PIPING. - SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION
- DE7 REMOVE BASE CABINETS, UPPER CABINETS, TALL CABINETS AND/OR COUNTERTOP
- DE8 REMOVE CEILING IN THIS AREA AS REQUIRED FOR MEP WORK. SALVAGE CEILING WHERE APPROPRIATE FOR REINSTALLATION. SEE PLANS FOR ADDITIONAL WORK
- DE9 REMOVE CONDUITS THROUGH FLOOR. SEE PLAN FOR ADDITIONAL INFORMATION
- DE10 REMOVE PARTITION MOUNTED MIRROR AND ALL ASSOCIATED HARDWARE. SALVAGE FOR REINSTALLATION
- DE11 REMOVE SURFACE MOUNTED PLYWOOD. TEMPORARILY SUPPORT ANY EQUIPMENT. SEE ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION
- DE12 REMOVE COVED CONCRETE BASE AT PARTITION.
- DE13 REMOVE PREMANUFACTURED PLASTIC LOCKER(S). SALVAGE FOR REINSTALLATION
- DE14 REMOVE RAISED FLOOR SYSTEM IN ITS ENTIRETY AND METAL RAMP
- DE15 REMOVE PORTION OF MEMBRANE ROOFING SYSTEM. SEE FLOOR/ROOF PLAN FOR ADDITIONAL INFORMATION
- DE16 REMOVE PORTION OF MEMBRANE ROOFING SYSTEM, IN PREPARATION FOR RESLOPING AND REROOFING. SEE FLOOR/ROOF PLAN FOR ADDITIONAL INFORMATION
- DE17 REMOVE ROOF DRAIN AND ASSOCIATED PIPING. SEE MECHANICAL FOR ADDITIONAL INFORMATION
- DE18 REMOVE METAL LOUVER AND ALL ASSOCIATED MOUNTING HARDWARE. SEE MECHANICAL FOR ADDITIONAL INFORMATION
- DE19 CUT OPENING IN BRICK AND METAL STUD BACK UP WALL FOR DOOR AND FRAME AS SCHEDULED. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION
- DE20 REMOVE PARTIAL HEIGHT CERAMIC TILE AT SINK
- DE21 REMOVE METAL RADIATOR COVER
- DE22 REMOVE SURFACE APPLIED WALL COVERING, TRIM, VINYL BASE AND / OR CRASH / HAND RAIL AS NEEDED.
- DE23 REMOVE DOOR, FRAME AND ALL ASSOCIATED HARDWARE. SALVAGE FOR REINSTALLATION. SEE PLAN
- DE24 REMOVE ALUMINUM WINDOW SYSTEM AND ALL ASSOCIATED HARDWARE. REMOVE CAST STONE SILL, EXTERIOR, AND SOLID SURFACE SILL, INTERIOR
- DE25 CUT OPENING IN PARTITION AS REQUIRED FOR INSTALLATION OF EDGE ILLUMINATED PHOTO MURALS
- DE26 SAW CUT FACE BRICK AND REMOVE PORTION OF WALL. SEE PLAN FOR ADDITIONAL INFORMATION

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

CONSULTANT 		ARCHITECT/ENGINEER OF RECORD 		Office of Construction and Facilities Management U.S. Department of Veterans Affairs		Phase BID DOCUMENTS FULLY SPRINKLERED		Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES		Project Number 438-20-910 Building Number 5 Drawing Number AE101.1-05	
Specialized Engineering Solutions 10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5530 www.specializedeng.com		Anderson Engineering of Minnesota, LLC 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Proj # 16090		STAMP Approved:		Location Sioux Falls, SD Issue Date 02/18/2022 Checked Checker		Drawn Author		Revisions: Date:	

DEMOLITION GENERAL NOTES

- GENERAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK PHASING AND SEQUENCING WITH THE OWNER. ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THESE DOCUMENTS IS FOR ARCHITECT - OWNER PLANNING PURPOSES ONLY, UNLESS NOTED OTHERWISE.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL TRADES FOR THE DEMOLITION WORK REQUIRED FOR THIS PROJECT.
- WHERE PARTITIONS ARE INDICATED TO BE REMOVED, REMOVE PARTITION ALONG WITH ALL ITEMS CONTAINED WITHIN, INCLUDING DOORS, FRAMES, HARDWARE, SIDLIGHTS, WINDOWS, MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. TO STRUCTURE ABOVE, UNLESS NOTED OTHERWISE.
- WHERE FLOOR FINISH IS INDICATED TO BE DEMOLISHED, REMOVE FINISH TO FLOOR SLAB AS REQUIRED AND PREPARE SLAB SURFACE FOR SCHEDULED FINISHES WITHIN AREA TO BE REMOVED, UNLESS NOTED OTHERWISE. SEE FINISH SCHEDULE FOR EXISTING FLOOR FINISHES TO REMAIN UNDISTURBED.
- WHERE CEILING IS INDICATED TO BE DEMOLISHED, REMOVE CEILING SUSPENSION SYSTEM ALONG WITH ALL ASSOCIATED MECHANICAL AND ELECTRICAL ITEMS, UNLESS NOTED OTHERWISE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF CONDUIT, PIPING AND DUCTWORK DEMOLITION WITHIN AREA TO BE REMOVED.
- WHERE INDICATED, REMOVE ALL WALL/PARTITION EXISTING FINISHES AND PREPARE THE SURFACES FOR SCHEDULED FINISHES. SEE FINISH SCHEDULE FOR FINISHES.
- ALL DISTURBED AREAS, WALLS, PARTITIONS, FLOORS, ETC. DAMAGED BY DEMOLITION WORK SHALL BE PATCHED TO MATCH ADJACENT AREA.
- OWNER RESERVES THE RIGHT OF FIRST REFUSAL OF ALL SALVAGED ITEMS SUCH AS: DOORS, LIGHT FIXTURES, PLUMBING FIXTURES, ETC.
- SALVAGED ITEMS SCHEDULED FOR REUSE SHALL BE CLEANED, RESTORED AND/OR REFINISHED TO LIKE NEW CONDITION, UNLESS NOTED OTHERWISE.
- DO NOT REMOVE ANY EXISTING STRUCTURAL SUPPORT MEMBERS SUCH AS COLUMNS, BEAMS, JOISTS, LOAD-BEARING PARTITIONS, ETC. UNTIL ADEQUATE PERMANENT OR TEMPORARY SUPPORT IS IN PLACE. ALL EXISTING STRUCTURAL MEMBERS SHALL BE ADEQUATELY PROTECTED, COORDINATE WITH STRUCTURAL ENGINEER.
- SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED DEMOLITION AND PREP WORK.
- WALL AND CEILING MOUNTED ITEMS SHOWN DASHED, SUCH AS WALL CABINETS, SHELVING, CUBICLE CURTAIN TRACKS, PROJECTION SCREENS, ETC. SHALL BE REMOVED, UNLESS NOTED OTHERWISE.
- WITHIN ALL EXISTING ROOMS/SPACES RECEIVING SCHEDULED FLOOR, OR WALL OR CEILING FINISHES, REMOVE ALL EXISTING FLOOR, OR WALL, OR CEILING FINISHES DOWN TO THE SUBSTRATE. INCLUDE THE REMOVAL OF ALL ITEMS LOCATED WITHIN THE EXISTING FINISH REMOVALS UNDO PATCH AND PREP ALL SUBSTRATES TO RECEIVE SCHEDULED FINISHES. FOR ADDITIONAL INFORMATION, SEE KEYNOTED ITEMS, FINISH PLANS AND/OR SCHEDULES, STRUCTURAL, MECHANICAL AND ELECTRICAL.
- THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS. THIS WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. SEE MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY PLANS FOR ADDITIONAL WORK.

DEMOLITION PLAN SYMBOLS

	EXISTING WALL TO REMAIN		EXISTING DOOR AND FRAME TO REMAIN
	WALL OR PARTITION TO BE REMOVED		EXISTING DOOR AND FRAME TO BE DEMOLISHED
	DASHED LINE INDICATES ITEM TO BE REMOVED (UND)		KEY NOTE
	GRIDLINE		

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

DEMOLITION PLAN KEYED NOTES

- (DE1) REMOVE FLOOR FINISH IN ITS ENTIRETY. PATCH & PREP FLOOR FOR SCHEDULED FINISH. SEE SPECIFICATION SECTION 09 05 16 SUBSURFACE PREPARATION FOR FLOOR FINISHES
 - (DE2) REMOVE CEILING IN ITS ENTIRETY, INCLUDING ALL MECHANICAL & ELECTRICAL ITEMS. SEE MECHANICAL/ELECTRICAL
 - (DE3) REMOVE GYP BD ON ONE SIDE OF PARTITION AS REQUIRED. SEE PLANS AND MECHANICAL/ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
 - (DE4) CUT OPENING IN PARTITION AS REQUIRED FOR INSTALLATION OF DOOR AND FRAME AS SCHEDULED. SEE PLAN
 - (DE5) REMOVE PORTION OF CEILING AS REQUIRED. SEE PLANS FOR ADDITIONAL INFORMATION
 - (DE6) REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED PIPING. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION
 - (DE7) REMOVE BASE CABINETS, UPPER CABINETS, TALL CABINETS AND/OR COUNTERTOP
 - (DE8) REMOVE CEILING IN THIS AREA AS REQUIRED FOR MEP WORK. SALVAGE CEILING WHERE APPROPRIATE FOR REINSTALLATION. SEE PLANS FOR ADDITIONAL WORK
 - (DE9) REMOVE CONDUITS THROUGH FLOOR. SEE PLAN FOR ADDITIONAL INFORMATION
 - (DE10) REMOVE PARTITION MOUNTED MIRROR AND ALL ASSOCIATED HARDWARE. SALVAGE FOR REINSTALLATION
 - (DE11) REMOVE SURFACE MOUNTED FLYWOOD. TEMPORARILY SUPPORT ANY EQUIPMENT. SEE ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION
 - (DE12) REMOVE COVED CONCRETE BASE AT PARTITION
 - (DE13) REMOVE PREMANUFACTURED PLASTIC LOCKER(S). SALVAGE FOR REINSTALLATION
 - (DE14) REMOVE RAISED FLOOR SYSTEM IN ITS ENTIRETY AND METAL RAMP ENGINEER
 - (DE15) REMOVE PORTION OF MEMBRANE ROOFING SYSTEM. SEE FLOOR/ROOF PLAN FOR ADDITIONAL INFORMATION
 - (DE16) REMOVE PORTION OF MEMBRANE ROOFING SYSTEM. IN PREPARATION FOR RESLOPING AND REROOFING. SEE FLOOR/ROOF PLAN FOR ADDITIONAL INFORMATION
 - (DE17) REMOVE ROOF DRAIN AND ASSOCIATED PIPING. SEE MECHANICAL FOR ADDITIONAL INFORMATION
 - (DE18) not used
 - (DE19) CUT OPENING IN BRICK AND METAL STUD BACK UP WALL FOR DOOR AND FRAME AS SCHEDULED. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION
 - (DE20) REMOVE PARTIAL HEIGHT CERAMIC TILE AT SINK
 - (DE21) REMOVE METAL RADIATOR COVER
 - (DE22) REMOVE SURFACE APPLIED WALL COVERING, TRIM, VINYL BASE AND / OR CRASH / HAND RAIL AS NEEDED
 - (DE23) REMOVE DOOR, FRAME AND ALL ASSOCIATED HARDWARE. SALVAGE FOR REINSTALLATION. SEE PLAN
 - (DE24) REMOVE ALUMINUM WINDOW SYSTEM AND ALL ASSOCIATED HARDWARE. REMOVE CAST STONE SILL, EXTERIOR, AND SOLID SURFACE SILL, INTERIOR.
 - (DE25) CUT OPENING IN PARTITION AS REQUIRED FOR INSTALLATION OF EDGE ILLUMINATED PHOTO MURALS
 - (DE26) SAW CUT FACE BRICK AND REMOVE PORTION OF WALL. SEE PLAN FOR ADDITIONAL INFORMATION
 - (DE27)
- NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

FLOOR PLAN KEYED NOTES

- (FL1) PATCH PARTITION, BOTH SIDES, AS REQUIRED FROM MECHANICAL/ELECTRICAL WORK. SEE MECHANICAL/ELECTRICAL FOR ADDITIONAL INFORMATION
 - (FL2) PROVIDE PARTITION TYPE #3 INFILL AT REMOVED RADIATOR GRILLS. PATCH PARTITION, WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES. WHERE EXISTING FINISHES ARE DISTURBED PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS
 - (FL3) INFILL FLOOR TO MATCH EXISTING HEIGHT. SEE STRUCTURAL
 - (FL4) PATCH PARTITION, WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES. AS REQUIRED FROM DEMOLITION. WHERE EXISTING FINISHES ARE DISTURBED PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS
 - (FL5) PROVIDE PLYWOOD 3 SIDES OF ROOM. SEE TYPICAL ELEVATIONS SHEET AE211
 - (FL6) INFILL OPENING IN CONCRETE FLOOR. SEE STRUCTURAL FOR ADDITIONAL INFORMATION. PREP FLOOR FOR FINISHES AS SCHEDULED
 - (FL7) PATCH FLOOR AT REMOVED ELECTRICAL. PREP FLOOR FOR FINISHES AS SCHEDULED
 - (FL8) REINSTALL SALVAGED DOOR, FRAME AND ALL ASSOCIATED HARDWARE
 - (FL9) REINSTALL SALVAGED LOCKER(S). PROVIDE PREMANUFACTURED BASE, FINISHED END PANEL(S) AND SLOPED TOP(S) TO MATCH EXISTING
 - (FL10) REINSTALL SALVAGED SIGN(S)
 - (FL11) REINSTALL SALVAGED CEILING REMOVED FOR INSTALLATION OF MEP ITEMS. SEE MEP PLANS FOR ADDITIONAL INFORMATION
 - (FL12) MODIFY BASE AND SLOPED TOP AT EXISTING LOCKERS. PROVIDE PREMANUFACTURED FINISHED END PANEL(S) TO MATCH EXISTING
 - (FL13) PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION, WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 3 / AF600
 - (FL14) PATCH FLOORING TO MATCH EXISTING FLOORINGS AS REQUIRED. CONTRACTOR TO PROVIDE LABOR AND MATERIALS
 - (FL15) PATCH CONCRETE FLOOR AT REMOVED PARTITION AND/OR CONCRETE COVE BASE. PREP FOR FINISHES AS SCHEDULED
 - (FL16) EDGE ILLUMINATED PHOTO MURALS, RECESSED IN PARTITION. FOR ADDITIONAL INFORMATION SEE ELEVATION 8 / AE211
 - (FL17) FINISH WALLS TO MATCH EXISTING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 2 / AF600
 - (FL18) PAINT WALLS P-1
 - (FL19) PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION, WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 4 / AF600
 - (FL20) FINISH WALLS TO MATCH EXISTING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 5 / AF600
 - (FL21) PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION, WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 6 / AF600
- NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

GENERAL NOTES

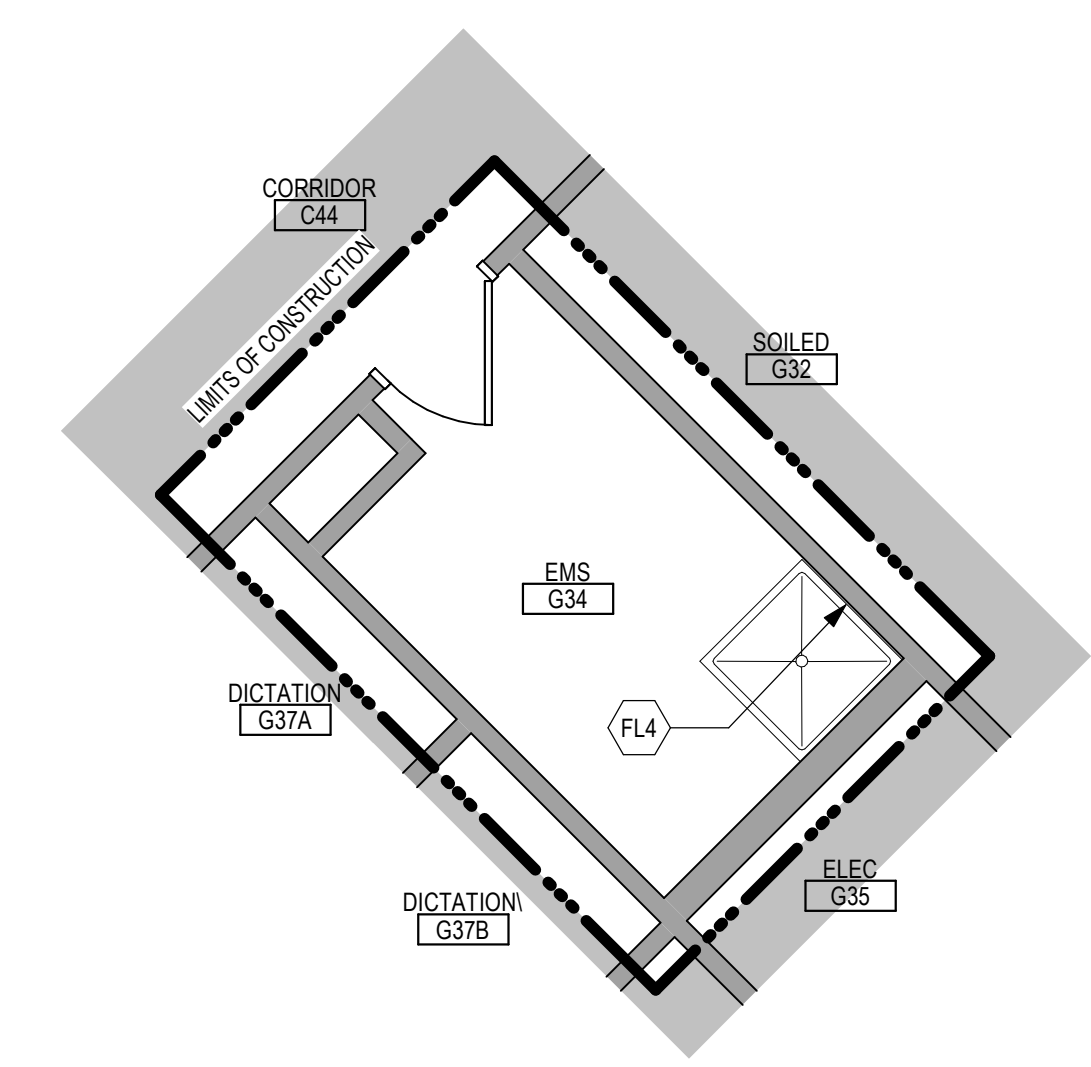
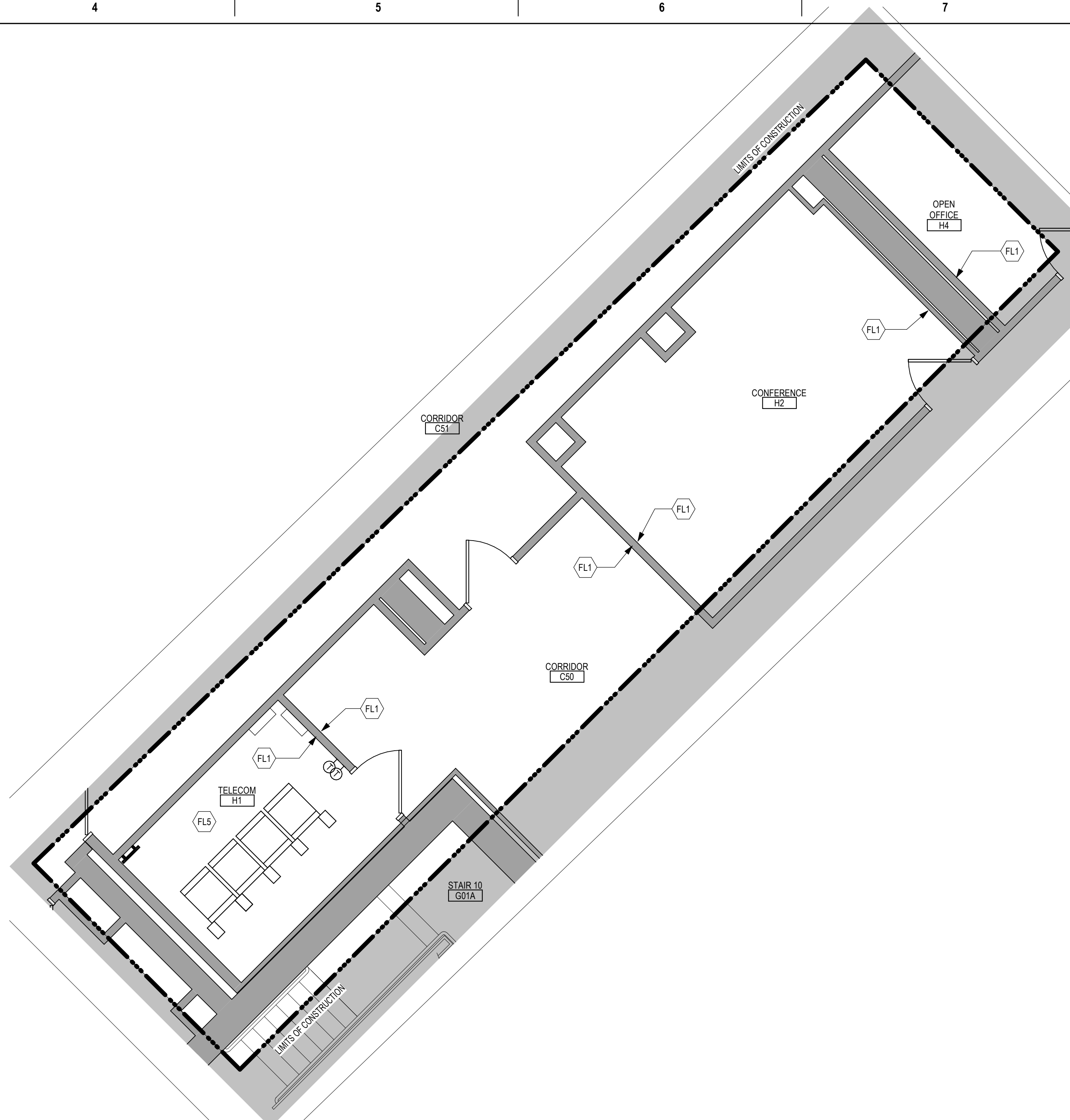
- THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS. THIS WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. SEE MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY PLANS FOR ADDITIONAL WORK.
- CONTRACTORS SHALL VISIT THE SITE DURING BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. THE GENERAL CONTRACTOR SHALL LOCATE, INSPECT AND FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO DEMOLITION AND CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- WHEREVER OPENINGS ARE CUT THROUGH FIRE RATED PARTITIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR WHOM THE HOLE IS CUT TO PATCH AND REPAIR ANY OPENING TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
- GENERAL CONTRACTOR TO CHECK MECHANICAL DRAWINGS FOR EXISTING PIPES AND DUCTS FURRED IN WALLS. VERIFY SIZE AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO PROCEEDING WITH REMODELING.
- FIREPROOFING SHALL BE UNIMPARED. ANY SUBCONTRACTOR PENETRATING THE FIREPROOFING SHALL BE REQUIRED TO REPLACE FIREPROOFING TO THE ORIGINAL CONDITION AND FIRE RATING. AT THE SUBCONTRACTORS EXPENSE.
- EQUIPMENT UNIT DIMENSIONS ARE FOR PRODUCT DESCRIPTION ONLY. VERIFY SIZE WITH MANUFACTURER.
- ALL DIMENSIONS PERTAINING TO MECHANICAL OR ELECTRICAL SERVICES OR EQUIPMENT SHALL BE VERIFIED WITH THE RESPECTIVE TRADE.
- ALL CONTRACTORS THAT PENETRATE AND/OR DISTURB ANY AREAS AT EXISTING CONDITIONS SHALL PATCH AREA TO MATCH EXISTING ADJACENT AREA OR SURFACE AND PREPARE FOR SCHEDULED FINISH APPLICATION. COORDINATE WORK WITH GENERAL CONTRACTOR PRIOR TO PROCEEDING.
- VERIFY HEIGHTS AND LOCATIONS OF ACCESS PANELS (AP) AND COORDINATE TYPES WITH TRADES WHICH REQUIRE THEM.
- PROVIDE LINTELS AND FRAMING FOR GRILLES, LOUVERS, AND ROOF VENTS AS REQUIRED BY MECHANICAL CONTRACTOR, VERIFY SIZE AND LOCATION
- STRUCTURAL, MECHANICAL, AND ELECTRICAL ABBREVIATIONS AND SYMBOLS MAY DIFFER FROM ARCHITECTURAL. SEE RESPECTIVE SECTIONS AND/OR DRAWINGS FOR DEFINITIONS.
- AT MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, PROVIDE 3/4" FRIT PLYWOOD BACKING BEHIND ALL SURFACE MOUNTED FIXTURES AND EQUIPMENT, UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL EVALUATE INTEGRITY OF ALL PARTITIONS INDICATED BY SYMBOLS ON THE FIRE SAFETY PLANS WITHIN THE PROJECT SCOPE AND UPGRADE, AS REQUIRED, ALL FIRE RESISTIVE RATED WALLS SHALL BE CONSTRUCTED OF MATERIALS/ASSEMBLIES MEETING THE RATING INDICATED, TERMINATE AT THE DECK ABOVE WITH A TESTED HEAD OF WALL ASSEMBLY AND ALL PENETRATIONS SHALL BE SEALED WITH A TESTED ASSEMBLY. ALL SMOKE PARTITIONS SHALL BE CONSTRUCTED OF MATERIALS THAT RESIST THE PASSAGE OF SMOKE. TERMINATE AT THE DECK ABOVE WITH A JOINT SEALED WITH FIRE CAULK AND ALL PENETRATIONS SHALL BE SEALED WITH FIRE CAULK.

FLOOR PLAN SYMBOLS

	EXISTING WALL TO REMAIN		DIMENSION LINE, NOMINAL
	WALL		EXTENDED DIMENSION LINE, NOMINAL
	EXISTING DOOR AND FRAME TO REMAIN		INTERIOR ELEVATION INDICATOR TAG
	DOOR		EXTERIOR ELEVATION INDICATOR TAG
	INTERIOR BORROWED LIGHT		EQUIPMENT TAG
	WALL TAG		FLOOR SPOT ELEVATION
	OFFICE		ROOM NAME AND NUMBER
	KEY NOTE		DETAIL REFERENCE TAG
	INTERIOR SECTION REFERENCE TAG		EXTERIOR SECTION REFERENCE TAG
	REVISION TAG		REVISION CLOUD
	GRIDLINE		SIGN TAG

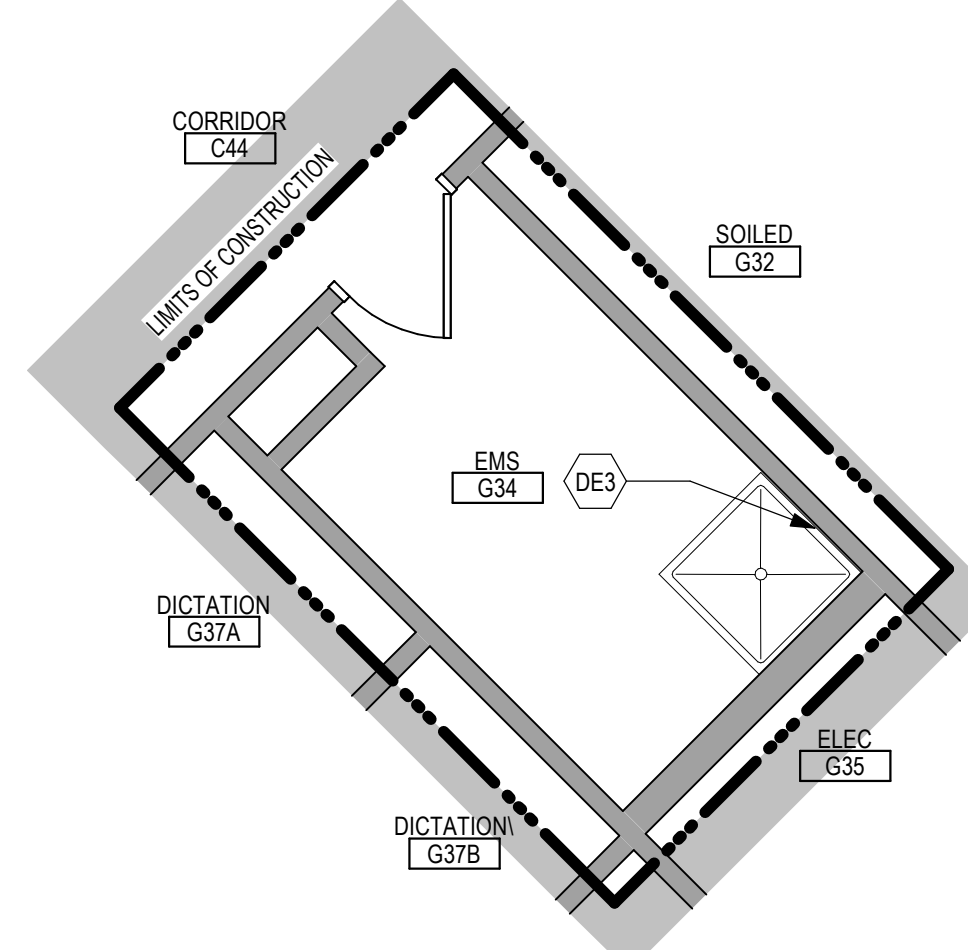
NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

1 ENLARGED PLAN - TELECOM H1 - CONFERENCE H2 - BUILDING 5
1/4" = 1'-0"



2 ENLARGED PLAN - EMS G34 - BUILDING 5
1/4" = 1'-0"

3 ENLARGED DEMOLITION PLAN - EMS G34 - BUILDING 5
1/4" = 1'-0"



Revisions:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
	Date:				GROUND LEVEL ENLARGED DEMOLITION & FLOOR PLANS - BUILDING 5	BID DOCUMENTS	VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	438-20-910
				U.S. Department of Veterans Affairs	Approved:	FULLY SPRINKLERED	Location	Building Number
							Sioux Falls, SD	
							Issue Date	Drawing Number
							07/06/2021	AE101.2-05
							Checked	Drawn
							Checker	Author

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GENERAL NOTES

- THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS. THIS WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. SEE MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY PLANS FOR ADDITIONAL WORK.
- CONTRACTORS SHALL VISIT THE SITE DURING BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. THE GENERAL CONTRACTOR SHALL LOCATE, INSPECT AND FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO DEMOLITION AND CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- WHENEVER OPENINGS ARE CUT THROUGH FIRE RATED PARTITIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR WHOM THE HOLE IS CUT TO PATCH AND REPAIR ANY OPENING TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
- GENERAL CONTRACTOR TO CHECK MECHANICAL DRAWINGS FOR EXISTING PIPES AND DUCTS FURRED IN WALLS. VERIFY SIZE AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO PROCEEDING WITH REMODELING.
- FIREPROOFING SHALL BE UNPERCEIVED. ANY SUBCONTRACTOR PENETRATING THE FIREPROOFING SHALL BE REQUIRED TO REPLACE FIREPROOFING TO THE ORIGINAL CONDITION AND FIRE RATING, AT THE SUBCONTRACTOR'S EXPENSE.
- EQUIPMENT UNIT DIMENSIONS ARE FOR PRODUCT DESCRIPTION ONLY. VERIFY SIZE WITH MANUFACTURERS.
- ALL DIMENSIONS PERTAINING TO MECHANICAL OR ELECTRICAL SERVICES OR EQUIPMENT SHALL BE VERIFIED WITH THE RESPECTIVE TRADE.
- ALL CONTRACTORS THAT PENETRATE AND/OR DISTURB ANY AREAS AT EXISTING CONDITIONS SHALL PATCH AREA TO MATCH EXISTING ADJACENT AREA OR SURFACE AND PREPARE FOR SCHEDULED FINISH APPLICATION. COORDINATE WORK WITH GENERAL CONTRACTOR PRIOR TO PROCEEDING.
- VERIFY HEIGHTS AND LOCATIONS OF ACCESS PANELS (AP) AND COORDINATE TYPES WITH TRADES WHICH REQUIRE THEM.
- PROVIDE LINTELS AND FRAMING FOR GRILLES, LOUVERS, AND ROOF VENTS AS REQUIRED BY MECHANICAL CONTRACTOR. VERIFY SIZE AND LOCATION.
- STRUCTURAL, MECHANICAL, AND ELECTRICAL ABBREVIATIONS AND SYMBOLS MAY DIFFER FROM ARCHITECTURAL. SEE RESPECTIVE SECTIONS AND/OR DRAWINGS FOR DEFINITIONS.
- AT MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, PROVIDE 3/4" FRT PLYWOOD BACKING BEHIND ALL SURFACE MOUNTED FIXTURES AND EQUIPMENT, UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL EVALUATE INTEGRITY OF ALL PARTITIONS INDICATED BY SYMBOLS ON THE LIFE SAFETY PLANS) WITHIN THE PROJECT SCOPE AND UPGRADE AS REQUIRED. ALL FIRE RESISTIVE RATED WALLS SHALL BE CONSTRUCTED OF MATERIALS ASSEMBLIES MEETING THE RATING INDICATED. TERMINATE AT THE DECK ABOVE WITH A TESTED HEAD OF WALL ASSEMBLY AND ALL PENETRATIONS SHALL BE SEALED WITH A TESTED ASSEMBLY. ALL SMOKE PARTITIONS SHALL BE CONSTRUCTED OF MATERIALS THAT RESIST THE PASSAGE OF SMOKE. TERMINATE AT THE DECK ABOVE WITH A JOINT SEALED WITH FIRE CALK AND ALL PENETRATIONS SHALL BE SEALED WITH FIRE CALK.

FLOOR PLAN KEYED NOTES

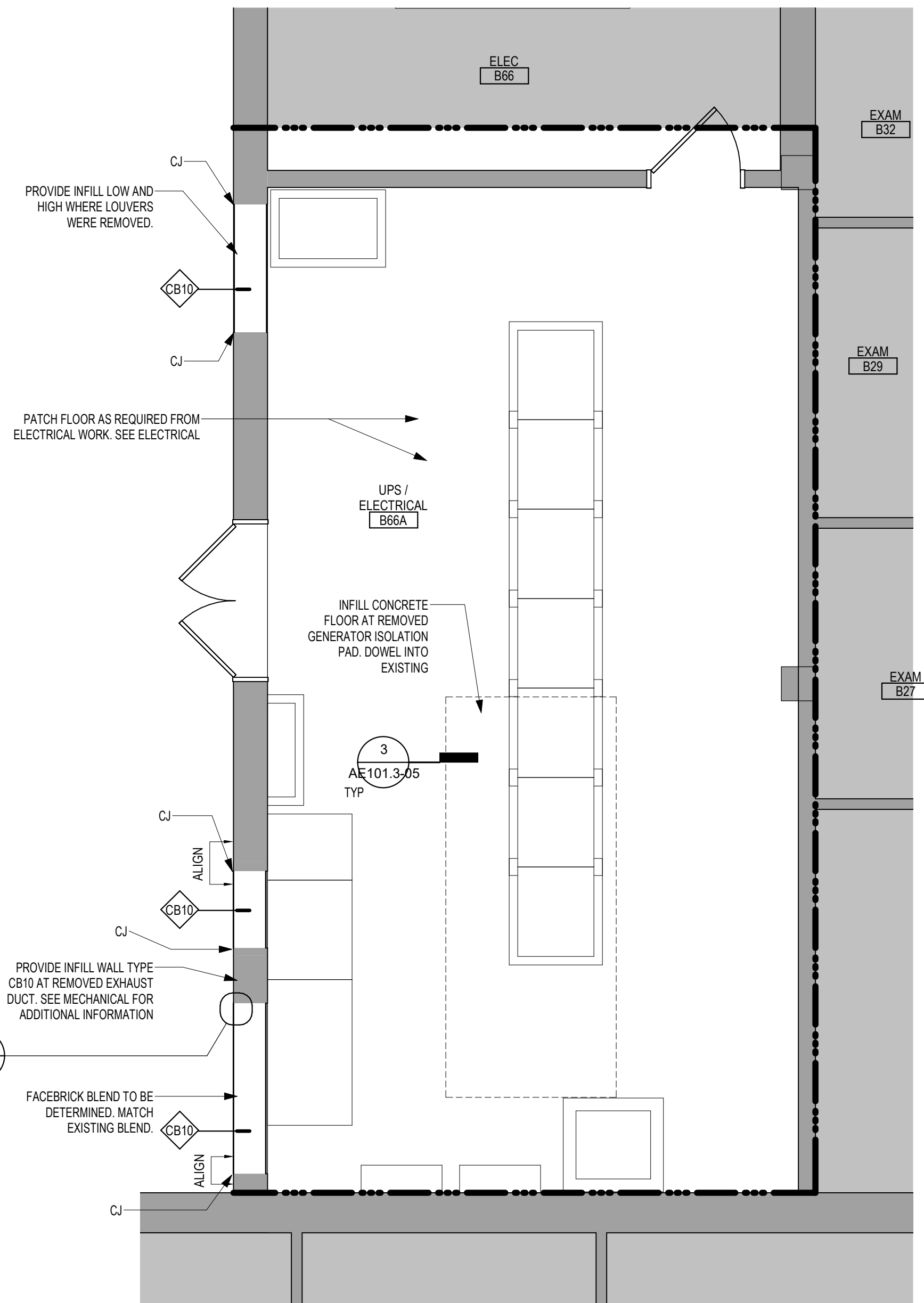
- (FL1) PATCH PARTITION, BOTH SIDES, AS REQUIRED FROM MECHANICAL / ELECTRICAL WORK. SEE MECHANICAL / ELECTRICAL FOR ADDITIONAL INFORMATION.
 - (FL2) PROVIDE PARTITION TYPE XPS INFILL AT REMOVED RADIATOR GRILLES. PATCH PARTITION, WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES. WHERE EXISTING FINISHES ARE DISTURBED PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.
 - (FL3) INFILL FLOOR TO MATCH EXISTING HEIGHT. SEE STRUCTURAL.
 - (FL4) PATCH PARTITION, WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES. AS REQUIRED FROM DEMOLITION. WHERE EXISTING FINISHES ARE DISTURBED PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.
 - (FL5) PROVIDE PLYWOOD 3 SIDES OF ROOM. SEE TYPICAL ELEVATIONS SHEET AE211.
 - (FL6) INFILL OPENING IN CONCRETE FLOOR. SEE STRUCTURAL FOR ADDITIONAL INFORMATION. PREP FLOOR FOR FINISHES AS SCHEDULED.
 - (FL7) PATCH FLOOR AT REMOVED ELECTRICAL. PREP FLOOR FOR FINISHES AS SCHEDULED.
 - (FL8) REINSTALL SALVAGED DOOR, FRAME AND ALL ASSOCIATED HARDWARE.
 - (FL9) REINSTALL SALVAGED LOCKER(S). PROVIDE PREMANUFACTURED BASE, FINISHED END PANEL(S) AND SLOPED TOP(S) TO MATCH EXISTING.
 - (FL10) REINSTALL SALVAGED SIGN(S).
 - (FL11) REINSTALL SALVAGED CEILING REMOVED FOR INSTALLATION OF MEP ITEMS. SEE MEP PLANS FOR ADDITIONAL INFORMATION.
 - (FL12) MODIFY BASE AND SLOPED TOP AT EXISTING LOCKERS. PROVIDE PREMANUFACTURED FINISHED END PANEL(S) TO MATCH EXISTING.
 - (FL13) PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION. WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 3 / AF600.
 - (FL14) PATCH FLOORING TO MATCH EXISTING FLOORING AS REQUIRED. CONTRACTOR TO PROVIDE LABOR AND MATERIALS.
 - (FL15) PATCH CONCRETE FLOOR AT REMOVED PARTITION AND/OR CONCRETE COVE BASE. PREP FOR FINISHES AS SCHEDULED.
 - (FL16) EDGE ILLUMINATED PHOTO MURALS, RECESSED IN PARTITION. FOR ADDITIONAL INFORMATION SEE ELEVATION 8 / AE211.
 - (FL17) FINISH WALLS TO MATCH EXISTING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 2 / AF600.
 - (FL18) PAINT WALLS P-1.
 - (FL19) PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION. WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 4 / AF600.
 - (FL20) FINISH WALLS TO MATCH EXISTING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 5 / AF600.
 - (FL21) PATCH EXISTING FINISHES DISTURBED BY CONSTRUCTION. WALL AND CEILING. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REFER TO MATERIAL AND ROOM FINISH SCHEDULE AND DETAIL 6 / AF600.
- NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

DEMOLITION GENERAL NOTES

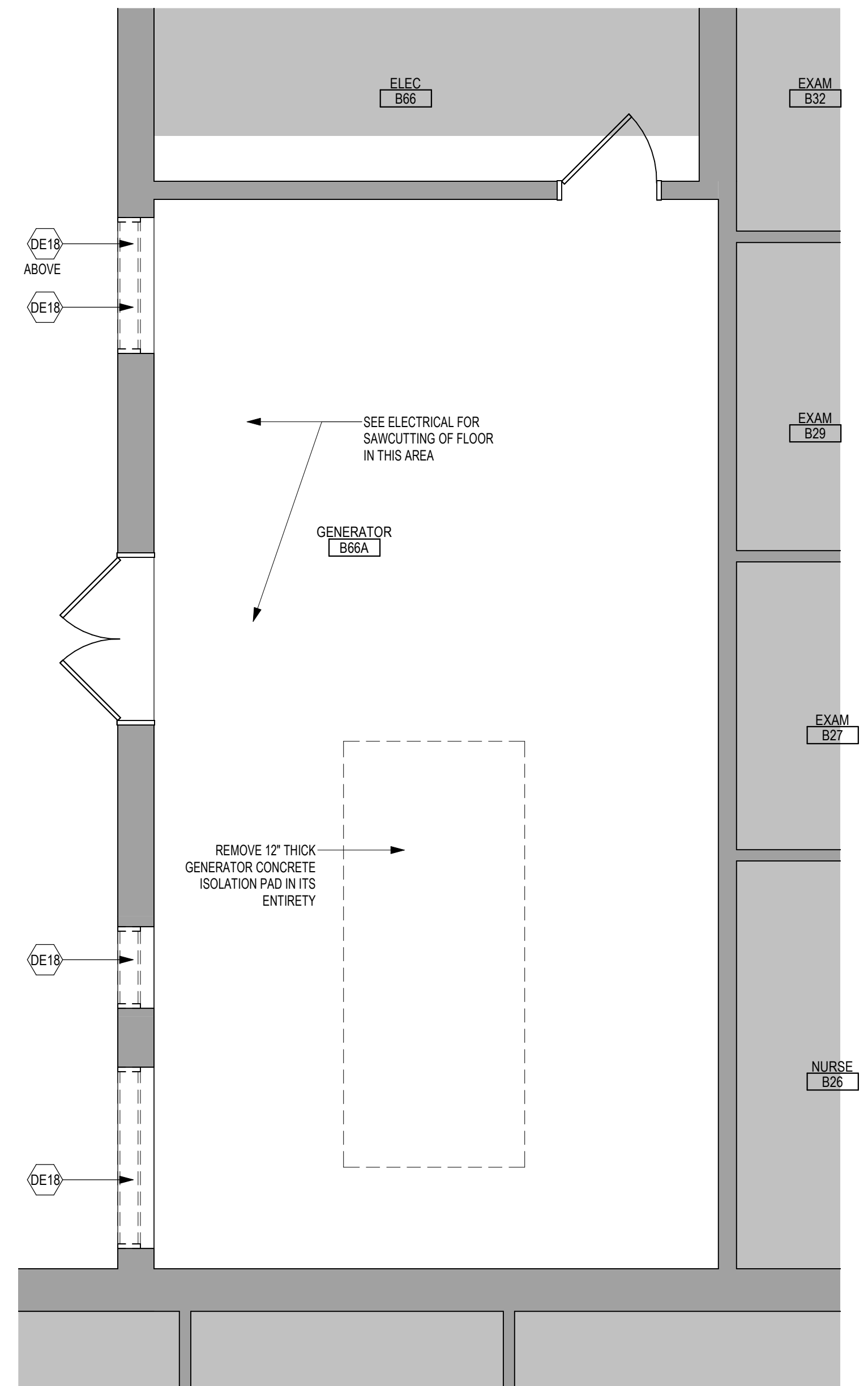
- GENERAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK, PHASING AND SEQUENCING WITH THE OWNER. ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THESE DOCUMENTS IS FOR ARCHITECT - OWNER PURPOSES ONLY. UNLESS NOTED OTHERWISE.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL TRADES FOR THE DEMOLITION WORK REQUIRED FOR THIS PROJECT.
- WHERE PARTITIONS ARE INDICATED TO BE REMOVED, REMOVE PARTITION ALONG WITH ALL ITEMS CONTAINED WITHIN, INCLUDING DOORS, FRAMES, HARDWARE, SLEDGINGS, WINDOWS, MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. TO STRUCTURE ABOVE, UNLESS NOTED OTHERWISE.
- WHERE FLOOR FINISH IS INDICATED TO BE DEMOLISHED, REMOVE FINISH TO FLOOR SLAB AS REQUIRED AND PREPARE SLAB SURFACE FOR SCHEDULED FINISHES WITHIN AREA TO BE REMOVED. UNLESS NOTED OTHERWISE, SEE FINISH SCHEDULE FOR EXISTING FLOOR FINISHES TO REMAIN UNDISTURBED.
- WHERE CEILING IS INDICATED TO BE DEMOLISHED, REMOVE CEILING SUSPENSION SYSTEM ALONG WITH ALL ASSOCIATED MECHANICAL AND ELECTRICAL ITEMS, UNLESS NOTED OTHERWISE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF CONDUIT, PIPING AND DUCTWORK DEMOLITION WITHIN AREA TO BE REMOVED.
- WHERE INDICATED, REMOVE ALL WALL/PARTITION EXISTING FINISHES AND PREPARE THE SURFACES FOR SCHEDULED FINISHES. SEE FINISH SCHEDULE FOR FINISHES.
- ALL DISTURBED AREAS, WALLS, PARTITIONS, FLOORS, ETC. DAMAGED BY DEMOLITION WORK SHALL BE PATCHED TO MATCH ADJACENT AREA.
- OWNER RESERVES THE RIGHT OF FIRST REFUSAL OF ALL SALVAGED ITEMS SUCH AS: DOORS, LIGHT FIXTURES, PLUMBING FIXTURES ETC.
- SALVAGED ITEMS SCHEDULED FOR REUSE SHALL BE CLEANED, RESTORED AND/OR REFINISHED TO LIKE NEW CONDITION, UNLESS NOTED OTHERWISE.
- DO NOT REMOVE ANY EXISTING STRUCTURAL SUPPORT MEMBERS SUCH AS COLUMNS, BEAMS, JOISTS, LOAD-BEARING PARTITIONS ETC. UNTIL ADEQUATE PERMANENT OR TEMPORARY SUPPORT IS IN PLACE. ALL EXISTING STRUCTURAL MEMBERS SHALL BE ADEQUATELY PROTECTED. COORDINATE WITH STRUCTURAL ENGINEER.
- SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED DEMOLITION AND PREP WORK.
- WALL AND CEILING MOUNTED ITEMS SHOWN DASHED, SUCH AS WALL CABINETS, SHELVING, CUBICLE CURTAIN TRACKS, PROJECTION SCREENS ETC. SHALL BE REMOVED, UNLESS NOTED OTHERWISE.
- WITHIN ALL EXISTING ROOMSPACES RECEIVING SCHEDULED FLOOR, OR WALL, OR CEILING FINISHES, REMOVE ALL EXISTING FLOOR, OR WALL, OR CEILING FINISHES DOWN TO THE SUBSTRATE. INCLUDE THE REMOVAL OF ALL ITEMS LOCATED WITHIN THE EXISTING FINISH REMOVALS UNDO PATCH AND PREP ALL SUBSTRATES TO RECEIVE SCHEDULED FINISHES. FOR ADDITIONAL INFORMATION, SEE KEYNOTED ITEMS, FINISH PLANS AND/OR SCHEDULES, STRUCTURAL, MECHANICAL AND ELECTRICAL.
- THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS. THIS WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. SEE MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY PLANS FOR ADDITIONAL WORK.

DEMOLITION PLAN KEYED NOTES

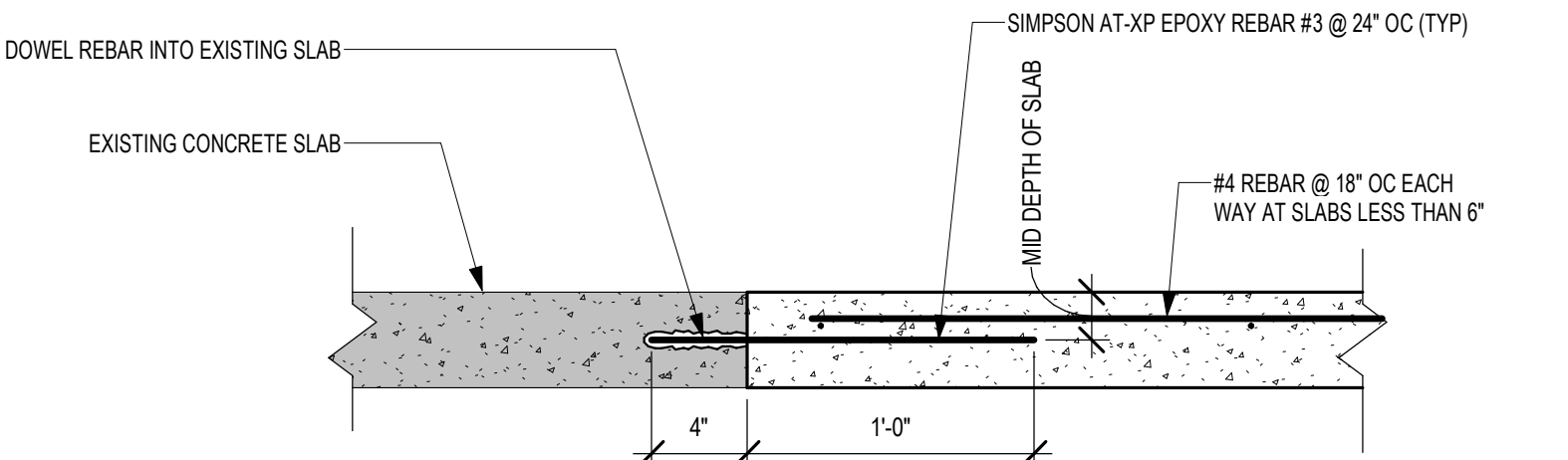
- (DE1) REMOVE FLOOR FINISH IN ITS ENTIRETY. PATCH & PREP FLOOR FOR SCHEDULED FINISH. SEE SPECIFICATION SECTION 09 05 16 SUBSURFACE PREPARATION FOR FLOOR FINISHES.
 - (DE2) REMOVE CEILING IN ITS ENTIRETY, INCLUDING ALL MECHANICAL & ELECTRICAL ITEMS. SEE MECHANICAL / ELECTRICAL.
 - (DE3) REMOVE GYP BD ON ONE SIDE OF PARTITION AS REQUIRED. SEE PLANS AND MECHANICAL / ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - (DE4) CUT OPENING IN PARTITION AS REQUIRED FOR INSTALLATION OF DOOR AND FRAME AS SCHEDULED. SEE PLAN.
 - (DE5) REMOVE PORTION OF CEILING AS REQUIRED. SEE PLANS FOR ADDITIONAL INFORMATION.
 - (DE6) REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED PIPING. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.
 - (DE7) REMOVE BASE CABINETS, UPPER CABINETS, TALL CABINETS AND/OR COUNTERTOP.
 - (DE8) REMOVE CEILING IN THIS AREA AS REQUIRED FOR MEP WORK. SALVAGE CEILING WHERE APPROPRIATE FOR REINSTALLATION. SEE PLANS FOR ADDITIONAL WORK.
 - (DE9) REMOVE CONDUITS THROUGH FLOOR. SEE PLAN FOR ADDITIONAL INFORMATION.
 - (DE10) REMOVE PARTITION MOUNTED MIRROR AND ALL ASSOCIATED HARDWARE. SALVAGE FOR REINSTALLATION.
 - (DE11) REMOVE SURFACE MOUNTED PLYWOOD. TEMPORARILY SUPPORT ANY EQUIPMENT. SEE ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION.
 - (DE12) REMOVE COVED CONCRETE BASE AT PARTITION.
 - (DE13) REMOVE PREMANUFACTURED PLASTIC LOCKER(S). SALVAGE FOR REINSTALLATION.
 - (DE14) REMOVE RAISED FLOOR SYSTEM IN ITS ENTIRETY AND METAL RAMP.
 - (DE15) REMOVE PORTION OF MEMBRANE ROOFING SYSTEM. SEE FLOORROOF PLAN FOR ADDITIONAL INFORMATION.
 - (DE16) REMOVE PORTION OF MEMBRANE ROOFING SYSTEM, IN PREPARATION FOR REPAIRING AND REROOFING. SEE FLOORROOF PLAN FOR ADDITIONAL INFORMATION.
 - (DE17) REMOVE ROOF DRAIN AND ASSOCIATED PIPING. SEE MECHANICAL FOR ADDITIONAL INFORMATION.
 - (DE18) REMOVE METAL LOUVER AND ALL ASSOCIATED MOUNTING HARDWARE. SEE MECHANICAL FOR ADDITIONAL INFORMATION.
 - (DE19) CUT OPENING IN BRICK AND METAL STUD BACK UP WALL FOR DOOR AND FRAME AS SCHEDULED. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
 - (DE20) REMOVE PARTIAL HEIGHT CERAMIC TILE AT SINK.
 - (DE21) REMOVE METAL RADIATOR COVER.
 - (DE22) REMOVE SURFACE APPLIED WALL COVERING, TRIM, VINYL BASE AND / OR CRASH / HAND RAIL AS NEEDED.
 - (DE23) REMOVE DOOR, FRAME AND ALL ASSOCIATED HARDWARE. SALVAGE FOR REINSTALLATION. SEE PLAN.
 - (DE24) REMOVE ALUMINUM WINDOW SYSTEM AND ALL ASSOCIATED HARDWARE. REMOVE CAST STONE SILL, EXTERIOR, AND SOLID SURFACE SILL, INTERIOR.
 - (DE25) CUT OPENING IN PARTITION AS REQUIRED FOR INSTALLATION OF EDGE ILLUMINATED PHOTO MURALS.
 - (DE26) SAW CUT FACE BRICK AND REMOVE PORTION OF WALL. SEE PLAN FOR ADDITIONAL INFORMATION.
- NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN



2 ENLARGED FLOOR PLAN - UPS / ELECTRICAL B66A - BUILDING 5
1/4" = 1'-0"



1 ENLARGED DEMOLITION PLAN - GENERATOR B66A - BUILDING 5
1/4" = 1'-0"



3 SECTION DETAIL - SLAB DOWEL TO EXISTING
1 1/2" = 1'-0"

FLOOR PLAN SYMBOLS

	EXISTING WALL TO REMAIN		WALL		EXISTING DOOR AND FRAME TO REMAIN		DOOR		INTERIOR BORROWED LIGHT		WALL TAG		OFFICE		KEY NOTE		INTERIOR SECTION REFERENCE TAG		REVISION TAG		GRIDLINE		SIGN TAG
	DIMENSION LINE, NOMINAL		EXTENDED DIMENSION LINE, NOMINAL		INTERIOR ELEVATION INDICATOR TAG		EXTERIOR ELEVATION INDICATOR TAG		EQUIPMENT TAG		FLOOR SPOT ELEVATION		DETAIL REFERENCE TAG		EXTERIOR SECTION REFERENCE TAG		REVISION CLOUD		SIGN TAG				

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

DEMOLITION PLAN SYMBOLS

	EXISTING WALL TO REMAIN		EXISTING DOOR AND FRAME TO REMAIN
	WALL OR PARTITION TO BE REMOVED		EXISTING DOOR AND FRAME TO BE DEMOLISHED
	DASHED LINE INDICATES ITEM TO BE REMOVED (IMO)		KEY NOTE
	GRIDLINE		

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

CONSULTANT SPECIALIZED ENGINEERING SOLUTIONS 10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5530 www.specializedeng.com	ARCHITECT/ENGINEER OF RECORD 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title GROUND LEVEL ENLARGED DEMOLITION & FLOOR PLANS - BUILDING 5	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910
			Approved:	Fully Sprinklered	Location Sioux Falls, SD	Issue Date 11/29/2021
Revisions:	Date:					Drawing Number AE101.3-05

RCP GENERAL NOTES

- GENERAL CONTRACTOR TO COORDINATE ALL CEILING MOUNTED EQUIPMENT SUPPORT REQUIREMENTS, LOCATIONS, DIMENSIONS, ETC WITH EQUIPMENT SUPPLIER AND OWNER, PRIOR TO INSTALLATION.
- ALL CEILING MOUNTED ITEMS SUCH AS LIGHT FIXTURES, GRILLES, DIFFUSERS, SPEAKERS, EXIT LIGHTS, ETC SHALL BE LOCATED IN THE CENTER OF ACT PANELS, GYP BD SOFFITS AND/OR PLASTER SOFFIT BAYS, UNLESS NOTED OTHERWISE. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
- FINISHED GYP BD SOFFITS SHALL EXTEND 1" BEYOND FACE AND EXPOSED ENDS OF WALL CABINETS, FULL-HEIGHT CABINETS, ETC UNLESS NOTED OTHERWISE. COORDINATE CABINET DIMENSIONS WITH SUPPLIER. GYP BD FASCIA/SOFFIT DETAILS ARE REFERENCED FROM THE REFLECTED CEILING PLAN.
- SEE MECHANICAL DRAWINGS FOR SPRINKLER HEAD TYPES AND LOCATIONS. CENTER ALL HEADS IN ACT UNLESS NOTED OTHERWISE.
- AT REMODELING WORK IN EXISTING ACT SUSPENSION SYSTEM, REMOVE EXISTING PANELS, CUT AS REQUIRED FOR CONSTRUCTION AND RE-INSTALL. REPLACE ALL DAMAGED AND/OR EXTREMELY SOILED PANELS WITH ACT TO MATCH EXISTING.

REFLECTED CEILING PLAN SYMBOLS

	GYPD CEILING / SOFFIT		2'-0" x 4'-0" LIGHT FIXTURE
	ACT CEILING SYSTEM		2'-0" x 2'-0" LIGHT FIXTURE
	EXISTING ACT CEILING SYSTEM		PENDANT STRIP LIGHT FIXTURE
	IV TRACK		PENDANT STRIP LIGHT FIXTURE
	CUBICLE CURTAIN TRACK		RECESSED LIGHT FIXTURE
	ACCESS PANEL		OCCUPANCY SENSOR
	MECHANICAL SUPPLY GRILL		MECHANICAL LINEAR SUPPLY GRILL
	MECHANICAL RETURN GRILL		9'-0" AFF ACT CEILING ELEVATION AND FINISH

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

REFLECTED CEILING KEYED NOTES

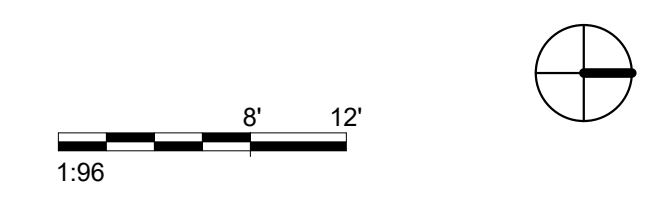
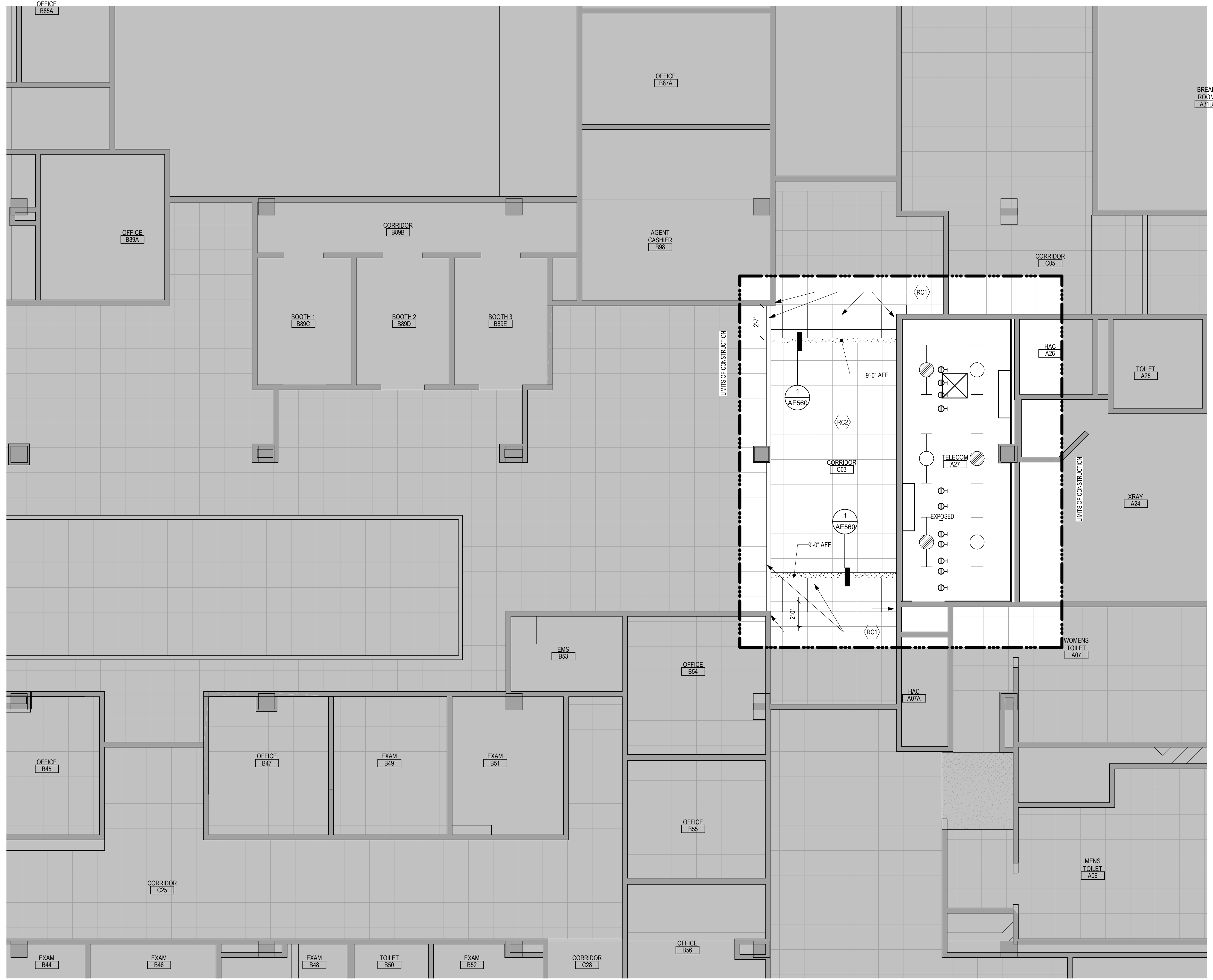
(RC1) PATCH / MODIFY CEILING TO MATCH EXISTING AS NECESSARY. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REPLACE ANY BROKEN, DAMAGED OR DIRTY ACT TILES AND CEILING GRID. COORDINATE WITH OWNER FOR ACT AND CEILING GRID TYPE. WHERE EXISTING FINISHES ARE DISTURBED ON PAINTED SURFACES, PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL / SOFFIT OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.

(RC2) PATCH SOFFIT WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES AS REQUIRED FROM DEMOLITION. CONTRACTOR TO PROVIDE LABOR AND MATERIALS FOR PAINTED AREAS. CONTRACTOR TO PROVIDE LABOR AND MATERIALS AT AREAS WITH WALL COVERING. WHERE EXISTING FINISHES ARE DISTURBED ON PAINTED SURFACES, PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE SOFFIT OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.

(RC3) REINSTALL CEILING TILE, GRID AND ANY MECHANICAL ITEMS AS REQUIRED FROM CONSTRUCTION, REPLACE ANY BROKEN, DAMAGED OR DIRTY ACT TILES AND CEILING GRID. COORDINATE WITH OWNER FOR ACT AND CEILING GRID TYPE. WHERE EXISTING FINISHES ARE DISTURBED ON PAINTED SURFACES, PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL / SOFFIT OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.

(RC4) MODIFY CEILING GRID AND TILE AS REQUIRED FROM CONSTRUCTION. SEE PLANS FOR ADDITIONAL INFORMATION.

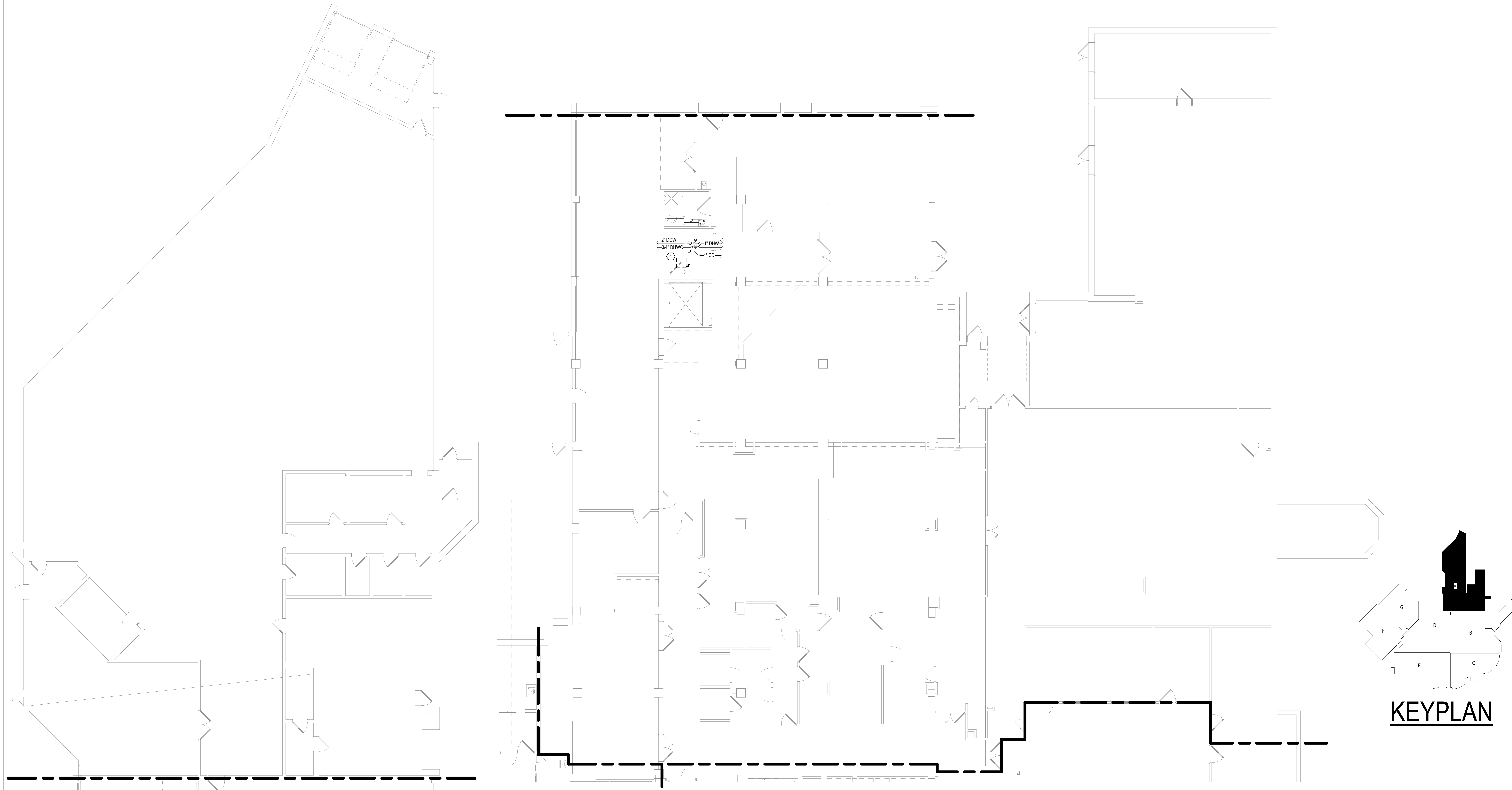
NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN



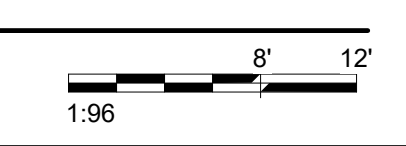
Revisions: 1 PARTIAL GROUND LEVEL REFLECTED CEILING PLAN - BUILDING 5	CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 	STAMP 	Drawing Title PARTIAL GROUND LEVEL REFLECTED CEILING PLAN - BUILDING 5	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910
		Office of Construction and Facilities Management 	Approved: 	FULLY SPRINKLERED	Location Sioux Falls, SD	Issue Date 07/06/2021	Building Number 5

- GENERAL NOTES:**
- COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
 - ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
 - UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
 - THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

- SHEET NOTES:**
- DEMOLISH EXISTING CEILING MOUNTED VRF CASSETTE AND ASSOCIATED REFRIGERANT AND CONDENSATE PIPING.



1 GROUND LEVEL MECHANICAL DEMOLITION PLAN - BUILDING 5 - AREA A
1/8" = 1'-0"



Revisions:	Date:

CONSULTANT

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ARCHITECT/ENGINEER OF RECORD

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STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

GROUND LEVEL MECHANICAL DEMOLITION PLAN - BUILDING 5 - AREA A

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location

Sioux Falls, SD

Issue Date

07/06/2021

Checked

EGS

Drawn

PHV

Project Number

438-20-910

Building Number

5

Drawing Number

MD101-05-A

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GENERAL NOTES:
1. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
2. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
3. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
4. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

A
B
C
D
E
F

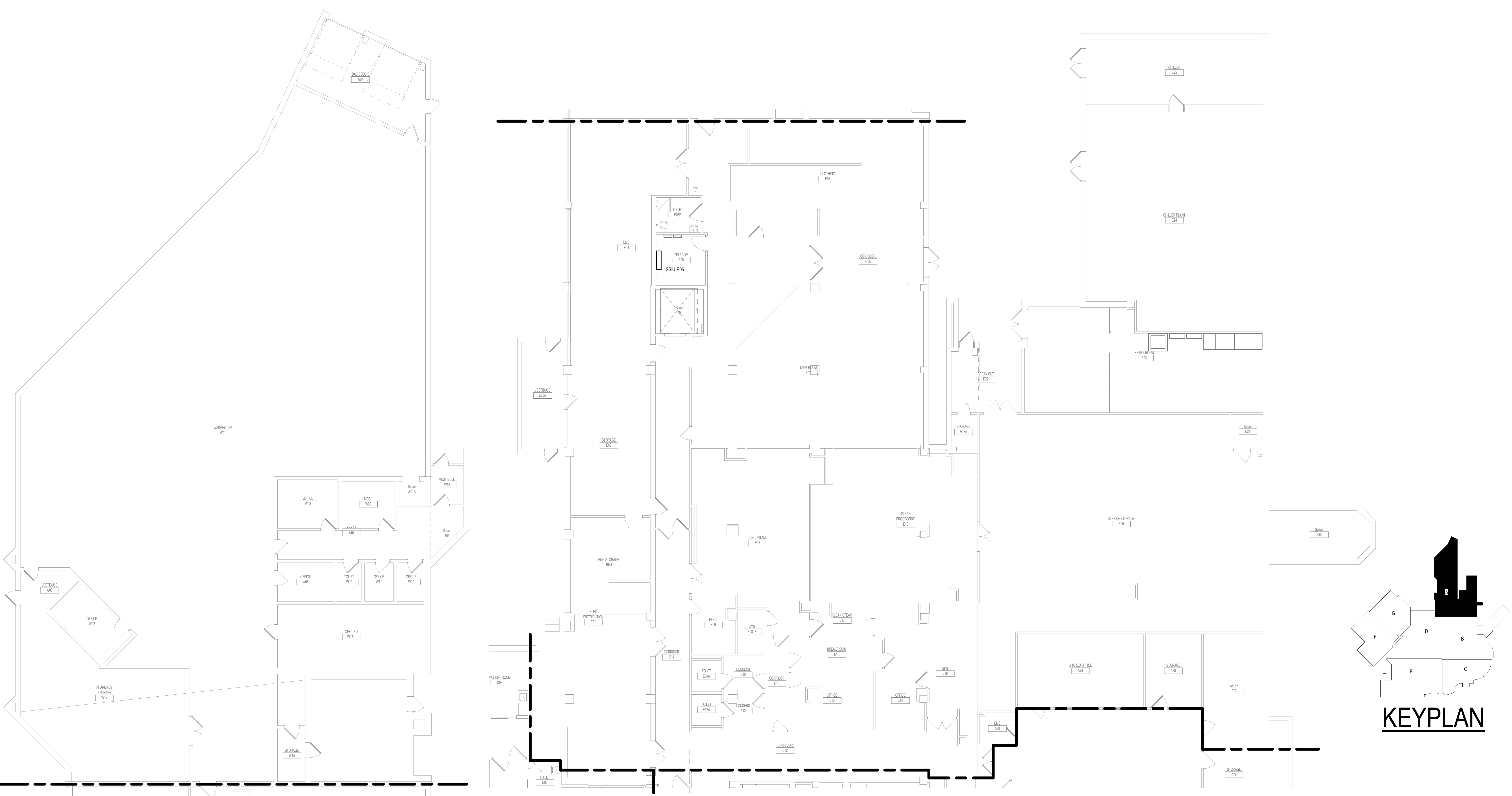
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118" = 1'-0"

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1 GROUND LEVEL DUCTWORK PLAN - BUILDING 5 - AREA A

1:06 0' 12"

Revisions:	Date:

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Office of Construction and Facilities Management

Drawing Title
GROUND LEVEL DUCTWORK PLAN - BUILDING 5 - AREA A

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

Checked
EGS

Drawn
PHV

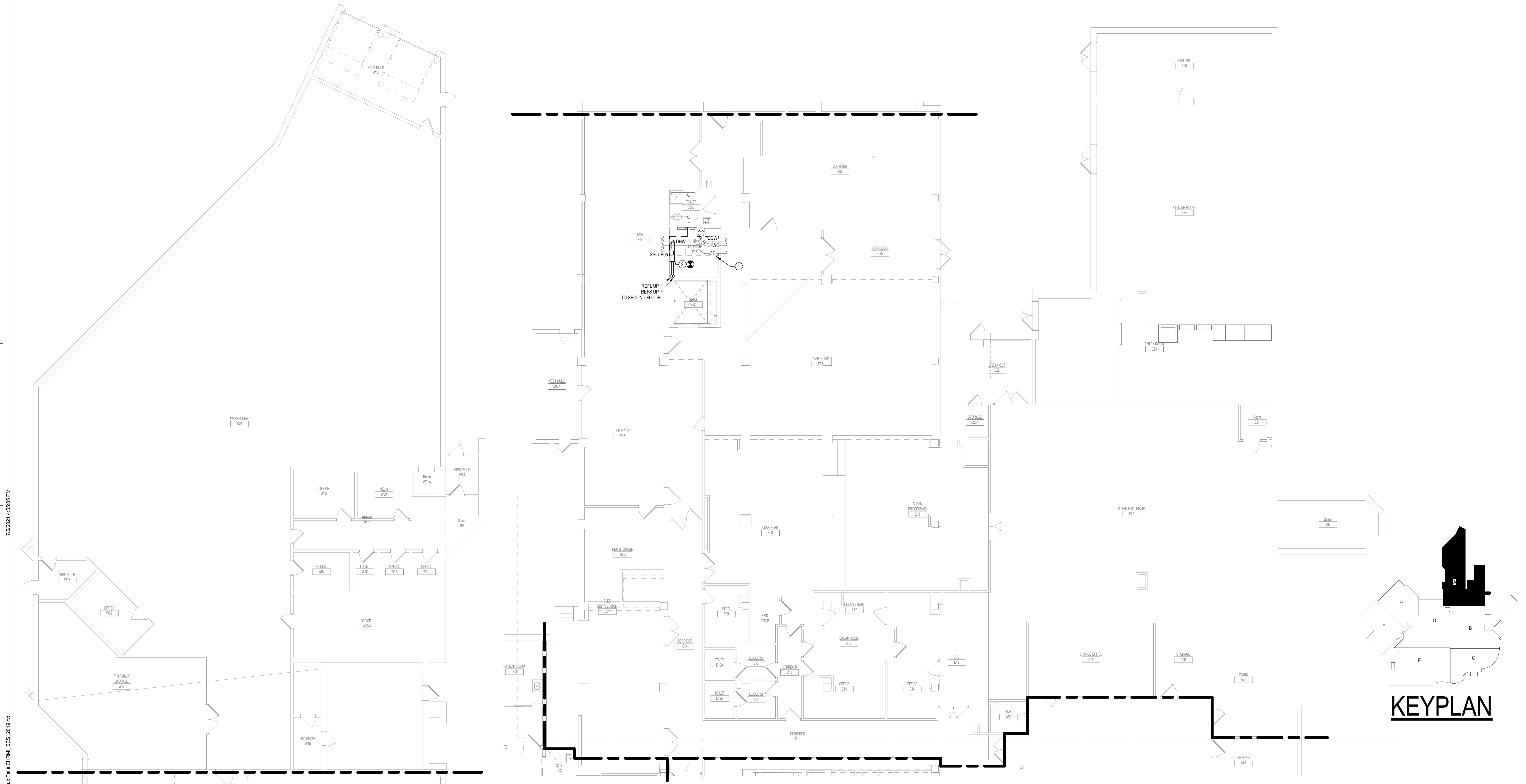
Project Number
438-20-910

Building Number
5

Drawing Number
MH101-05-A

- GENERAL NOTES:**
- COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
 - ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
 - UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
 - THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

- SHEET NOTES:**
- PROVIDE DRAIN PAN UNDERNEATH PIPING. ROUTE DRAIN PAN DRAIN TO FLOOR NEAR DOOR.
 - CONNECT NEW CONDENSATE PIPING TO EXISTING.

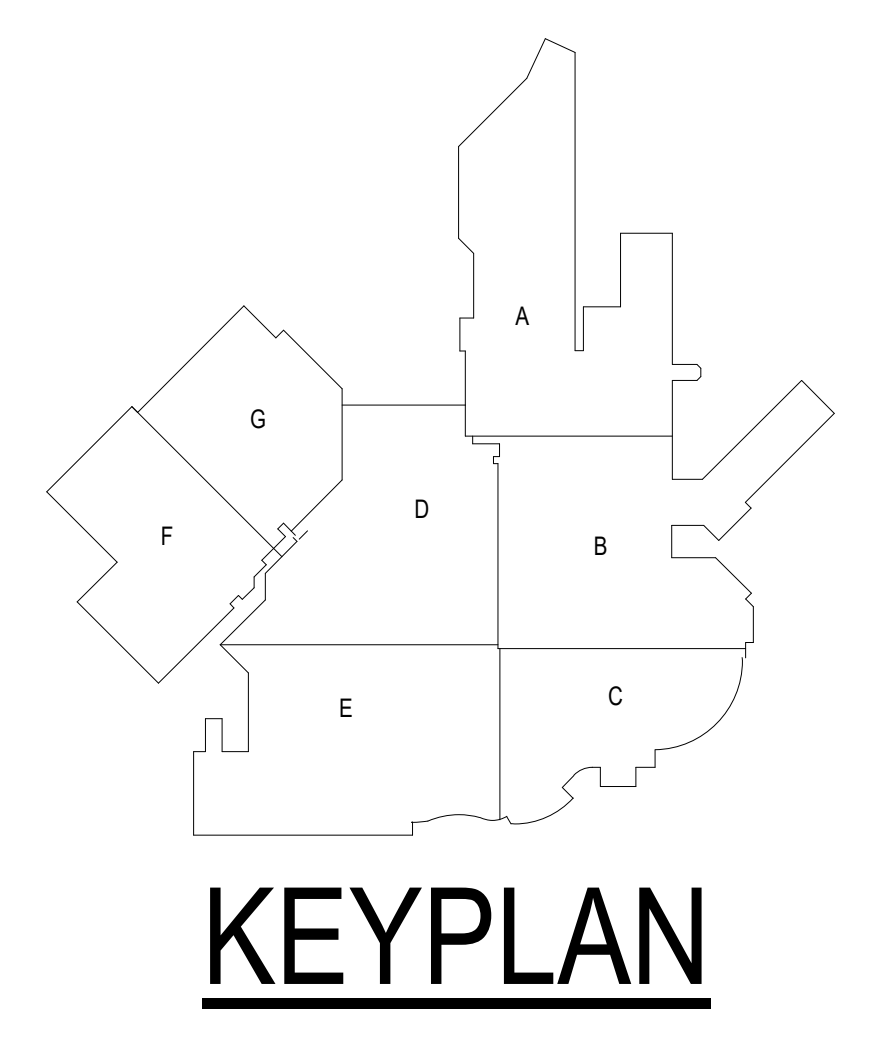
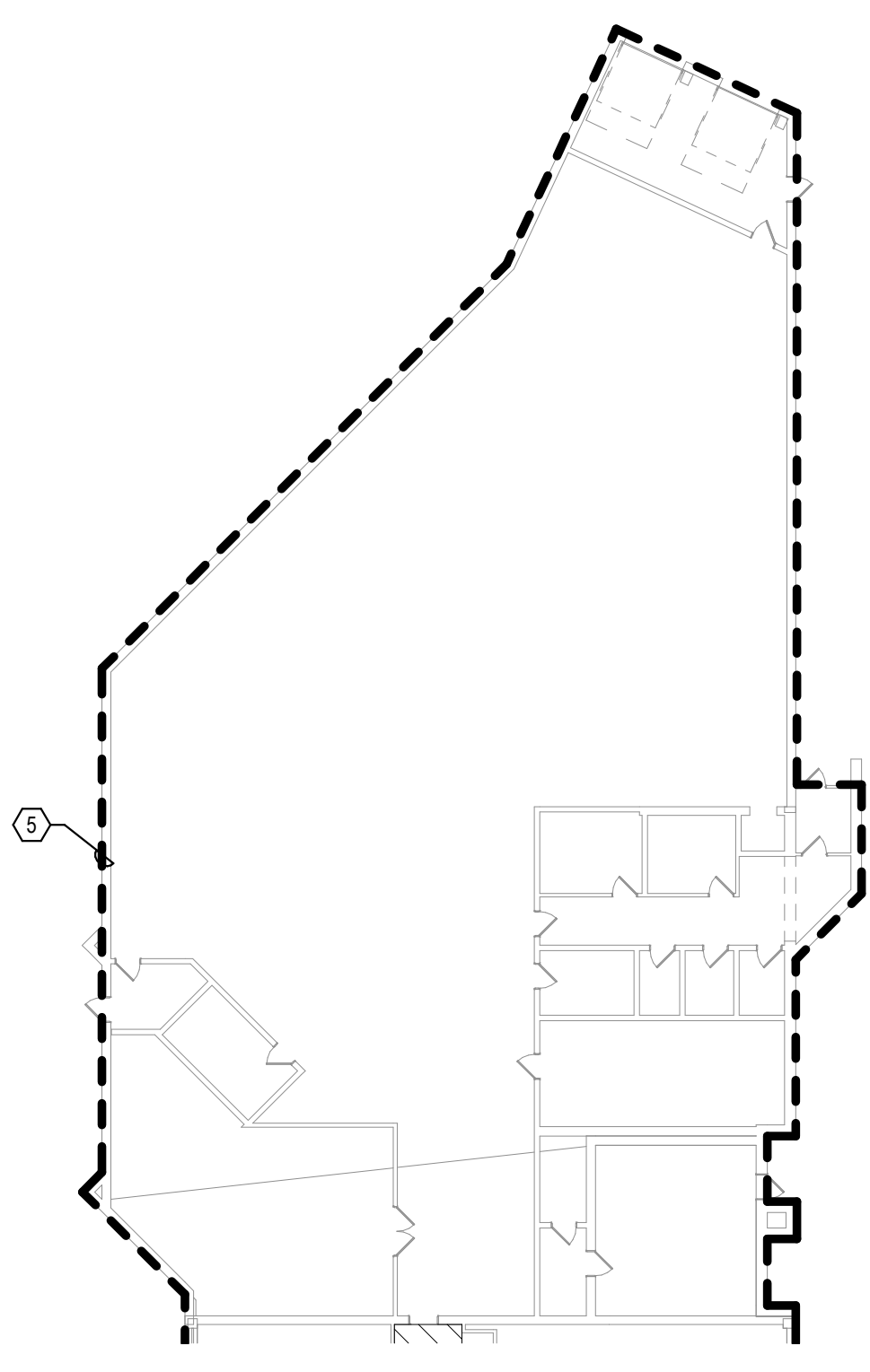
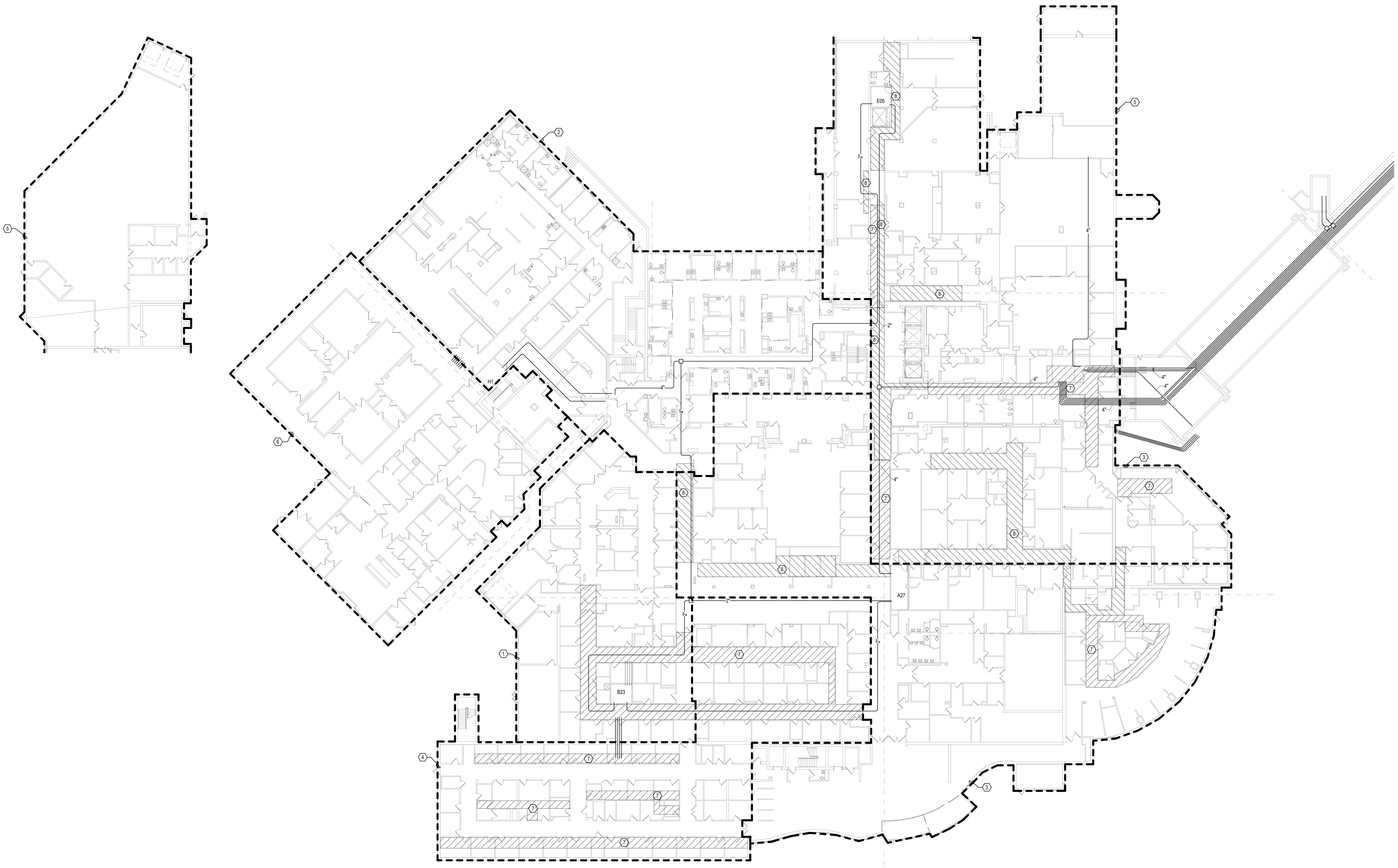


1 GROUND LEVEL PIPING PLAN - BUILDING 5 - AREA A
1/8" = 1'-0"

Revisions:	Date:

CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090	STAMP 	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title GROUND LEVEL PIPING PLAN - BUILDING 5 - AREA A	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910
				Fully SPRINKLERED	Location Sioux Falls, SD	Building Number 5	
Issue Date 07/06/2021	Checked EGS	Drawn PHV	Drawing Number MP101-05-A				

- SHEET NOTES:**
1. AREA CONTAINS CAT 6 CABLING. NO RECABLING IS ANTICIPATED IN THIS AREA.
 2. AREA TO BE RENOVATED UNDER SEPARATE PROJECT. NO RECABLING IS ANTICIPATED IN THIS AREA.
 3. RECABLE ALL CABLES IN THIS AREA TO ROOM A27.
 4. RECABLE ALL CABLES IN THIS AREA TO ROOM B23.
 5. RECABLE ALL CABLES IN THIS AREA TO ROOM E05.
 6. RECABLE ALL CABLES IN THIS AREA TO ROOM H1.
 7. ROUTE NEW CABLING IN EXISTING CABLE TRAY IN THIS AREA.
 8. ROUTE NEW CABLING IN NEW CABLE TRAY IN THIS AREA.



1 GROUND LEVEL ELECTRICAL FLOOR PLAN - BUILDING 5 - OVERALL
3/64" = 1'-0"

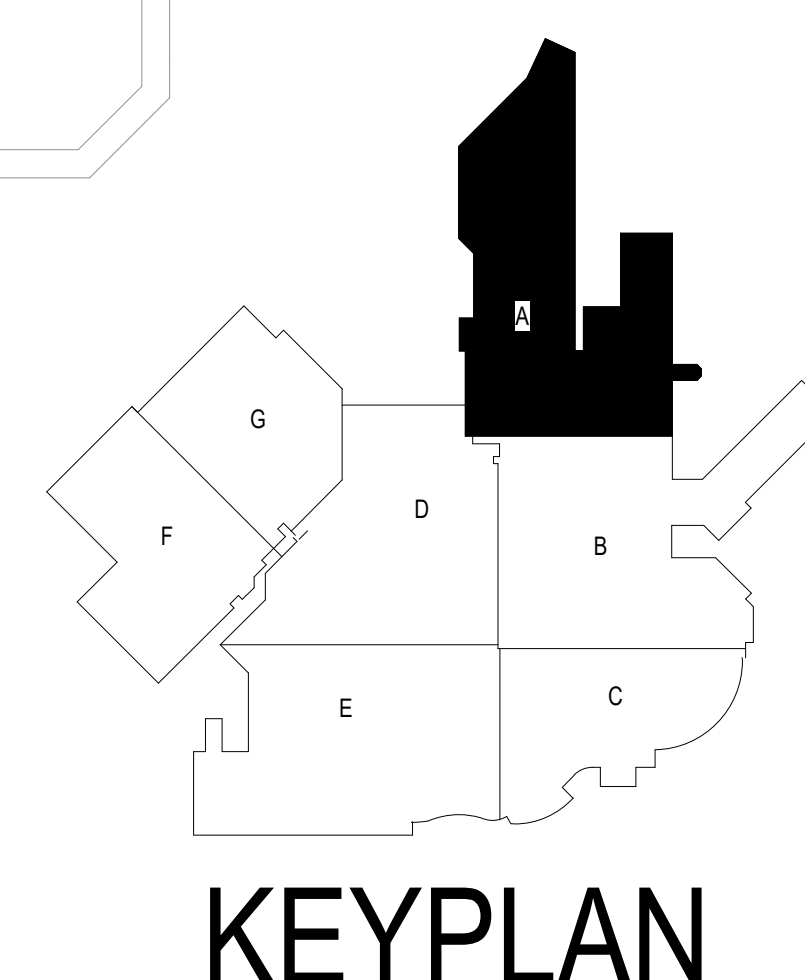
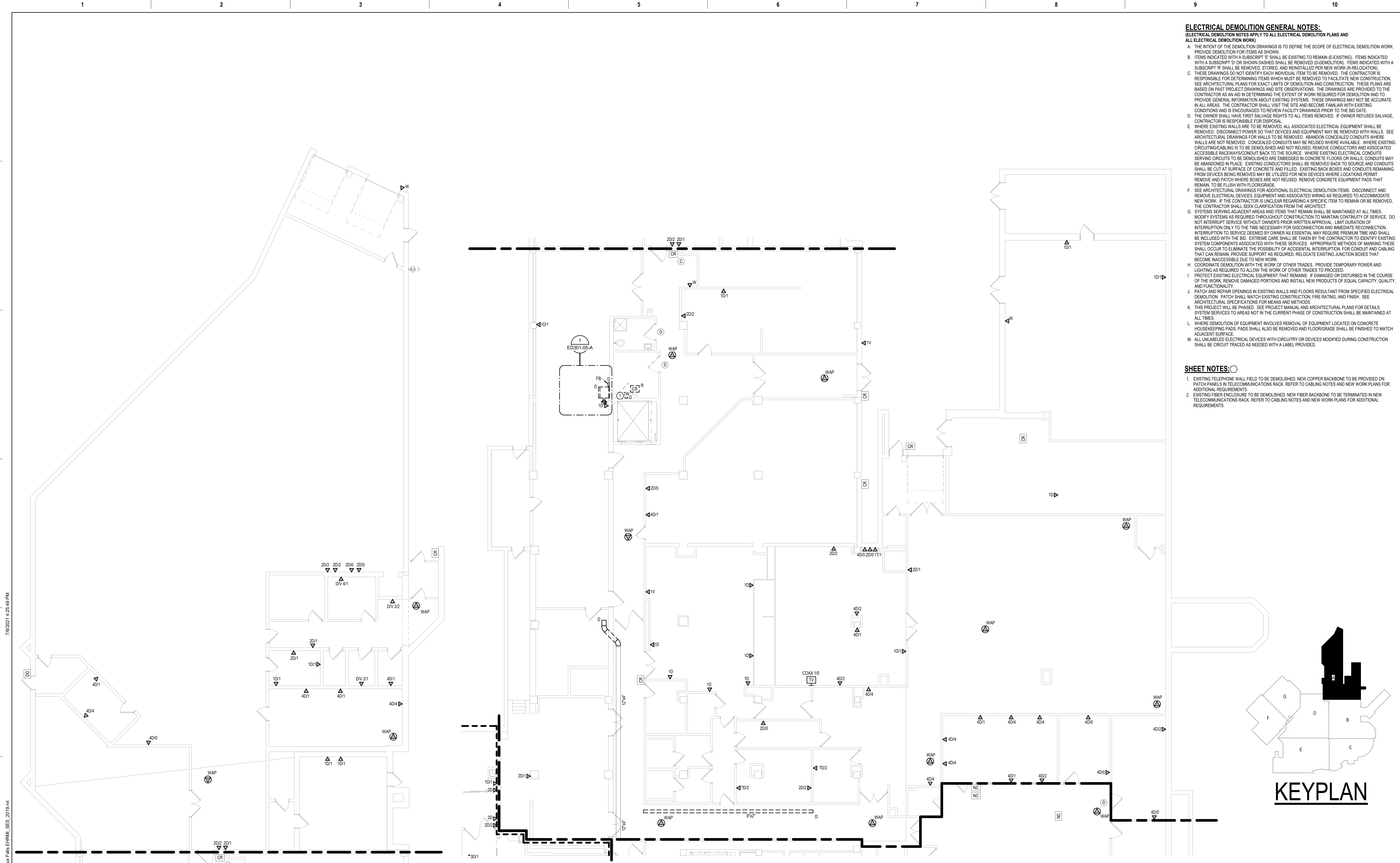
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Revisions:	Date:

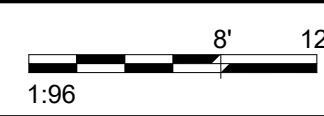
CONSULTANT 		ARCHITECT/ENGINEER OF RECORD 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090		STAMP REGISTERED COMMUNICATIONS DISTRIBUTION	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title GROUND LEVEL OVERALL ELECTRICAL FLOOR PLAN - BUILDING 5 Approved:	Phase BID DOCUMENTS FULLY SPRINKLERED	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES Location Sioux Falls, SD Issue Date 07/06/2021	Project Number 438-20-910 Building Number 5 Drawing Number EE101-05
					U.S. Department of Veterans Affairs	Approved:	Checked KSB Drawn NMT	Project Number 438-20-910 Building Number 5 Drawing Number EE101-05	

- ELECTRICAL DEMOLITION GENERAL NOTES:**
(ELECTRICAL DEMOLITION NOTES APPLY TO ALL ELECTRICAL DEMOLITION PLANS AND ALL ELECTRICAL DEMOLITION WORK)
- THE INTENT OF THE DEMOLITION DRAWINGS IS TO DEFINE THE SCOPE OF ELECTRICAL DEMOLITION WORK. PROVIDE DEMOLITION FOR ITEMS AS SHOWN.
 - ITEMS INDICATED WITH A SUBSCRIPT 'E' SHALL BE EXISTING TO REMAIN (E-EXISTING). ITEMS INDICATED WITH A SUBSCRIPT 'D' OR SHOWN DASHED SHALL BE REMOVED (DEMOLITION). ITEMS INDICATED WITH A SUBSCRIPT 'R' SHALL BE REMOVED, STORED, AND REINSTALLED PER NEW WORK (R-RELOCATION).
 - THESE DRAWINGS DO NOT IDENTIFY EACH INDIVIDUAL ITEM TO BE REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ITEMS WHICH MUST BE REMOVED TO FACILITATE NEW CONSTRUCTION. SEE ARCHITECTURAL PLANS FOR EXACT LIMITS OF DEMOLITION AND CONSTRUCTION. THESE PLANS ARE BASED ON PAST PROJECT DRAWINGS AND SITE OBSERVATIONS. THE DRAWINGS ARE PROVIDED TO THE CONTRACTOR AS AN AID IN DETERMINING THE EXTENT OF WORK REQUIRED FOR DEMOLITION AND TO PROVIDE GENERAL INFORMATION ABOUT EXISTING SYSTEMS. THESE DRAWINGS MAY NOT BE ACCURATE IN ALL AREAS. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS AND IS ENCOURAGED TO REVIEW FACILITY DRAWINGS PRIOR TO THE BID DATE.
 - THE OWNER SHALL HAVE FIRST SALVAGE RIGHTS TO ALL ITEMS REMOVED. IF OWNER REFUSES SALVAGE, CONTRACTOR IS RESPONSIBLE FOR DISPOSAL.
 - WHERE EXISTING WALLS ARE TO BE REMOVED, ALL ASSOCIATED ELECTRICAL EQUIPMENT SHALL BE REMOVED. DISCONNECT POWER SO THAT DEVICES AND EQUIPMENT MAY BE REMOVED WITH WALLS. SEE ARCHITECTURAL DRAWINGS FOR WALLS TO BE REMOVED. ABANDON CONCEALED CONDUITS WHERE WALLS ARE NOT REMOVED. CONCEALED CONDUITS MAY BE REUSED WHERE AVAILABLE. WHERE EXISTING CIRCUITRY/CABLING IS TO BE DEMOLISHED AND NOT REUSED, REMOVE CONDUCTORS AND ASSOCIATED ACCESSIBLE RACEWAYS/CONDUIT BACK TO THE SOURCE. WHERE EXISTING ELECTRICAL CONDUITS SERVING CIRCUITS TO BE DEMOLISHED ARE EMBEDDED IN CONCRETE FLOORS OR WALLS, CONDUITS MAY BE ABANDONED IN PLACE. EXISTING CONDUCTORS SHALL BE REMOVED BACK TO SOURCE AND CONDUITS SHALL BE CUT AT SURFACE OF CONCRETE AND FILLED. EXISTING BACK BOXES AND CONDUITS REMAINING FROM DEVICES BEING REMOVED MAY BE UTILIZED FOR NEW DEVICES WHERE LOCATIONS PERMIT. REMOVE AND PATCH WHERE BOXES ARE NOT REUSED. REMOVE CONCRETE EQUIPMENT PADS THAT REMAIN, TO BE FLUSH WITH FLOOR GRADE.
 - SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL ELECTRICAL DEMOLITION ITEMS. DISCONNECT AND REMOVE ELECTRICAL DEVICES, EQUIPMENT AND ASSOCIATED WIRING AS REQUIRED TO ACCOMMODATE NEW WORK. IF THE CONTRACTOR IS UNCLEAR REGARDING A SPECIFIC ITEM TO REMAIN OR BE REMOVED, THE CONTRACTOR SHALL SEEK CLARIFICATION FROM THE ARCHITECT.
 - SYSTEMS SERVING ADJACENT AREAS AND ITEMS THAT REMAIN SHALL BE MAINTAINED AT ALL TIMES. MODIFY SYSTEMS AS REQUIRED THROUGHOUT CONSTRUCTION TO MAINTAIN CONTINUITY OF SERVICE. DO NOT INTERRUPT SERVICE WITHOUT OWNER'S PRIOR WRITTEN APPROVAL. LIMIT DURATION OF INTERRUPTION ONLY TO THE TIME NECESSARY FOR DISCONNECTION AND IMMEDIATE RECONNECTION. INTERRUPTION TO SERVICE DEEMED BY OWNER AS ESSENTIAL MAY REQUIRE PREMIUM TIME AND SHALL BE INCLUDED WITH THE BID. EXTREME CARE SHALL BE TAKEN BY THE CONTRACTOR TO IDENTIFY EXISTING SYSTEM COMPONENTS ASSOCIATED WITH THESE SERVICES. APPROPRIATE METHODS OF MARKING THESE SHALL OCCUR TO ELIMINATE THE POSSIBILITY OF ACCIDENTAL INTERRUPTION. FOR CONDUIT AND CABLING THAT CAN REMAIN, PROVIDE SUPPORT AS REQUIRED. RELOCATE EXISTING JUNCTION BOXES THAT BECOME INACCESSIBLE DUE TO NEW WORK.
 - COORDINATE DEMOLITION WITH THE WORK OF OTHER TRADES. PROVIDE TEMPORARY POWER AND LIGHTING AS REQUIRED TO ALLOW THE WORK OF OTHER TRADES TO PROCEED.
 - PROTECT EXISTING ELECTRICAL EQUIPMENT THAT REMAINS. IF DAMAGED OR DISTURBED IN THE COURSE OF THE WORK, REMOVE DAMAGED PORTIONS AND INSTALL NEW PRODUCTS OF EQUAL CAPACITY, QUALITY, AND FUNCTIONALITY.
 - PATCH AND REPAIR OPENINGS IN EXISTING WALLS AND FLOORS RESULTANT FROM SPECIFIED ELECTRICAL DEMOLITION. PATCH SHALL MATCH EXISTING CONSTRUCTION, FIRE RATING, AND FINISH. SEE ARCHITECTURAL SPECIFICATIONS FOR MEANS AND METHODS.
 - THIS PROJECT WILL BE PHASED. SEE PROJECT MANUAL AND ARCHITECTURAL PLANS FOR DETAILS. SYSTEM SERVICES TO AREAS NOT IN THE CURRENT PHASE OF CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES.
 - WHERE DEMOLITION OF EQUIPMENT INVOLVES REMOVAL OF EQUIPMENT LOCATED ON CONCRETE HOUSEKEEPING PADS, PADS SHALL ALSO BE REMOVED AND FLOOR GRADE SHALL BE FINISHED TO MATCH ADJACENT SURFACE.
 - ALL UNLABELED ELECTRICAL DEVICES WITH CIRCUITRY OR DEVICES MODIFIED DURING CONSTRUCTION SHALL BE CIRCUIT TRACED AS NEEDED WITH A LABEL PROVIDED.

- SHEET NOTES:**
- EXISTING TELEPHONE WALL FIELD TO BE DEMOLISHED. NEW COPPER BACKBONE TO BE PROVIDED ON PATCH PANELS IN TELECOMMUNICATIONS RACK. REFER TO CABLING NOTES AND NEW WORK PLANS FOR ADDITIONAL REQUIREMENTS.
 - EXISTING FIBER ENCLOSURE TO BE DEMOLISHED. NEW FIBER BACKBONE TO BE TERMINATED IN NEW TELECOMMUNICATIONS RACK. REFER TO CABLING NOTES AND NEW WORK PLANS FOR ADDITIONAL REQUIREMENTS.



1 GROUND LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA A
 1/8" = 1'-0"



Revisions:	Date:


CONSULTANT




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VA U.S. Department of Veterans Affairs

Drawing Title
GROUND LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA A

Approved: _____

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
 Sioux Falls, SD

Issue Date
 07/06/2021

Checked
 KSB

Drawn
 NMT

Project Number
 438-20-910

Building Number
 5

Drawing Number
 ED101-05-A

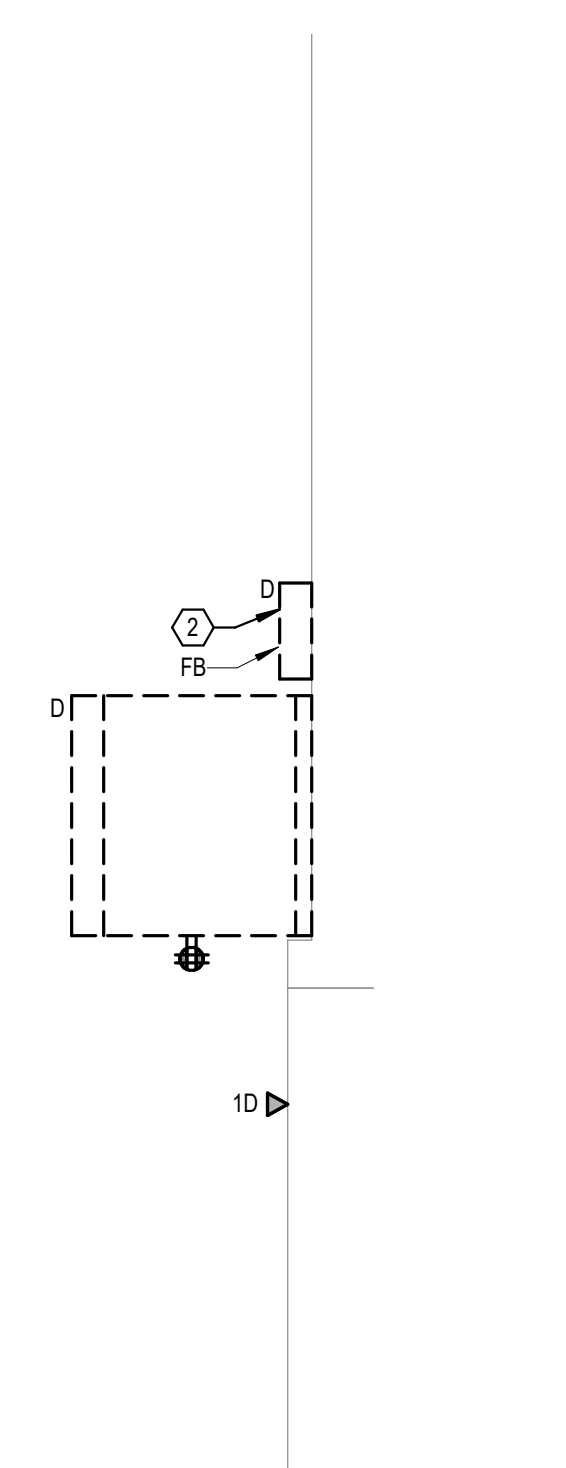
CABLING NOTES:

A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT. REMOVE ALL UNUSED CABLING AT THE COMPLETION OF THE PROJECT.

- 1. ROOM E04
- EXISTING CABLE COUNT
DATA (CAT5): 86
DATA (CAT5): 96
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0
- CABLE RELOCATION COUNT
DATA (CAT5) - 86 FROM ROOM E04
DATA (CAT5) - 86 FROM ROOM E04
VIDEO - 1 TO ROOM E04
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0
- EXISTING CABLE TO REMAIN
DATA (CAT5): 0
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0
- FINAL CABLE COUNT
DATA (CAT5): 0
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0

SHEET NOTES:

- 1. NOT USED
- 2. EXISTING FIBER ENCLOSURE TO BE DEMOLISHED. NEW FIBER BACKBONE TO BE TERMINATED IN NEW TELECOMMUNICATIONS RACK. REFER TO CABLING NOTES AND NEW WORK PLANS FOR ADDITIONAL REQUIREMENTS.



1 GROUND LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA A - ROOM E04
1/2" = 1'-0"
1:24

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Revisions:	Date:

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U.S. Department of Veterans Affairs

Drawing Title

GROUND LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - ENLARGED ROOMS - AREA A

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location

Sioux Falls, SD

Issue Date

07/06/2021

Checked

KSB

Drawn

NMT

Project Number

438-20-910

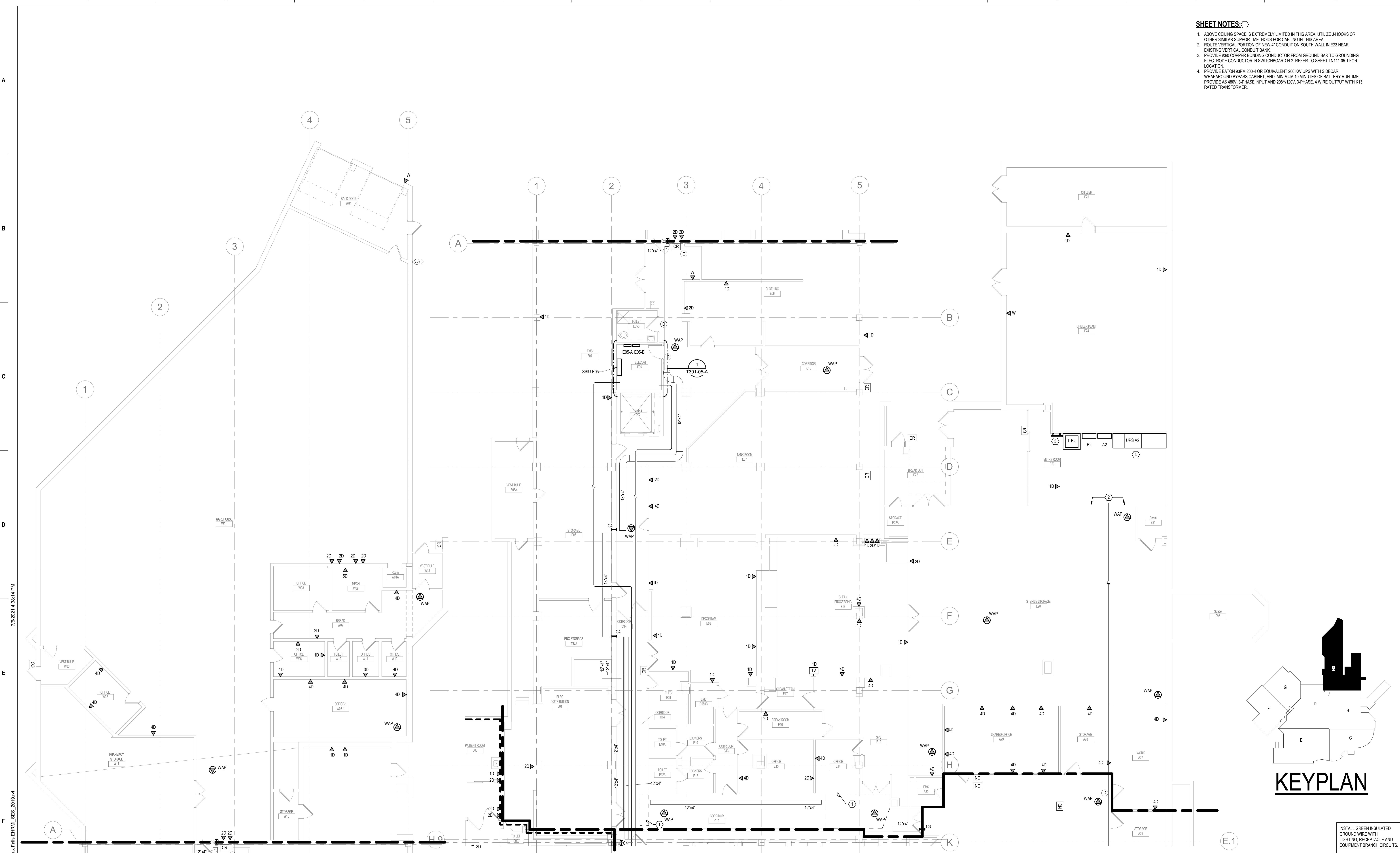
Building Number

5

Drawing Number

ED301-05-A

- SHEET NOTES:**
1. ABOVE CEILING SPACE IS EXTREMELY LIMITED IN THIS AREA. UTILIZE J-HOOKS OR OTHER SIMILAR SUPPORT METHODS FOR CABLING IN THIS AREA.
 2. ROUTE VERTICAL PORTION OF NEW 4" CONDUIT ON SOUTH WALL IN E23 NEAR EXISTING VERTICAL CONDUIT BANK.
 3. PROVIDE 600 COPPER BONDING CONDUCTOR FROM GROUND BAR TO GROUNDING ELECTRODE CONDUCTOR IN SWITCHBOARD N-2. REFER TO SHEET TN11-05-1 FOR LOCATION.
 4. PROVIDE EATON 83PM 200-4 OR EQUIVALENT 200 KW UPS WITH SIDECAR WRAPAROUND BYPASS CABINET, AND MINIMUM 10 MINUTES OF BATTERY RUNTIME. PROVIDE AS 480V, 3-PHASE INPUT AND 208Y/120V, 3-PHASE, 4 WIRE OUTPUT WITH K13 RATED TRANSFORMER.



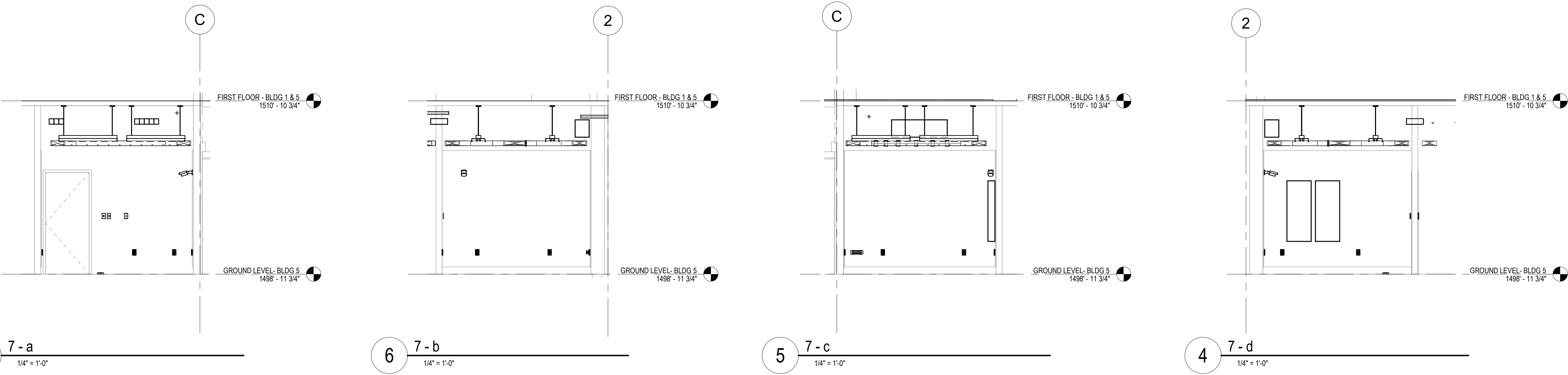
1 GROUND LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 5 - AREA A
1/8" = 1'-0"

KEYPLAN

INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.
INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER.

Revisions:	Date:

CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090	STAMP Nathan Timm BICSI ID # 346555 EXPIRES 12-31-23 REGISTERED COMMUNICATIONS DISTRIBUTION	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title GROUND LEVEL LOW VOLTAGE PLAN - BUILDING 5 - AREA A	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910	
				Fully Sprinklered	Location Sioux Falls, SD	Building Number 5		
Revisions:	Date:	Issue Date 07/06/2021	Checked KSB	Drawn NMT	Drawing Number TN101-05-A	Issue Date 07/06/2021	Checked KSB	Drawn NMT



CABLING NOTES:

A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT.

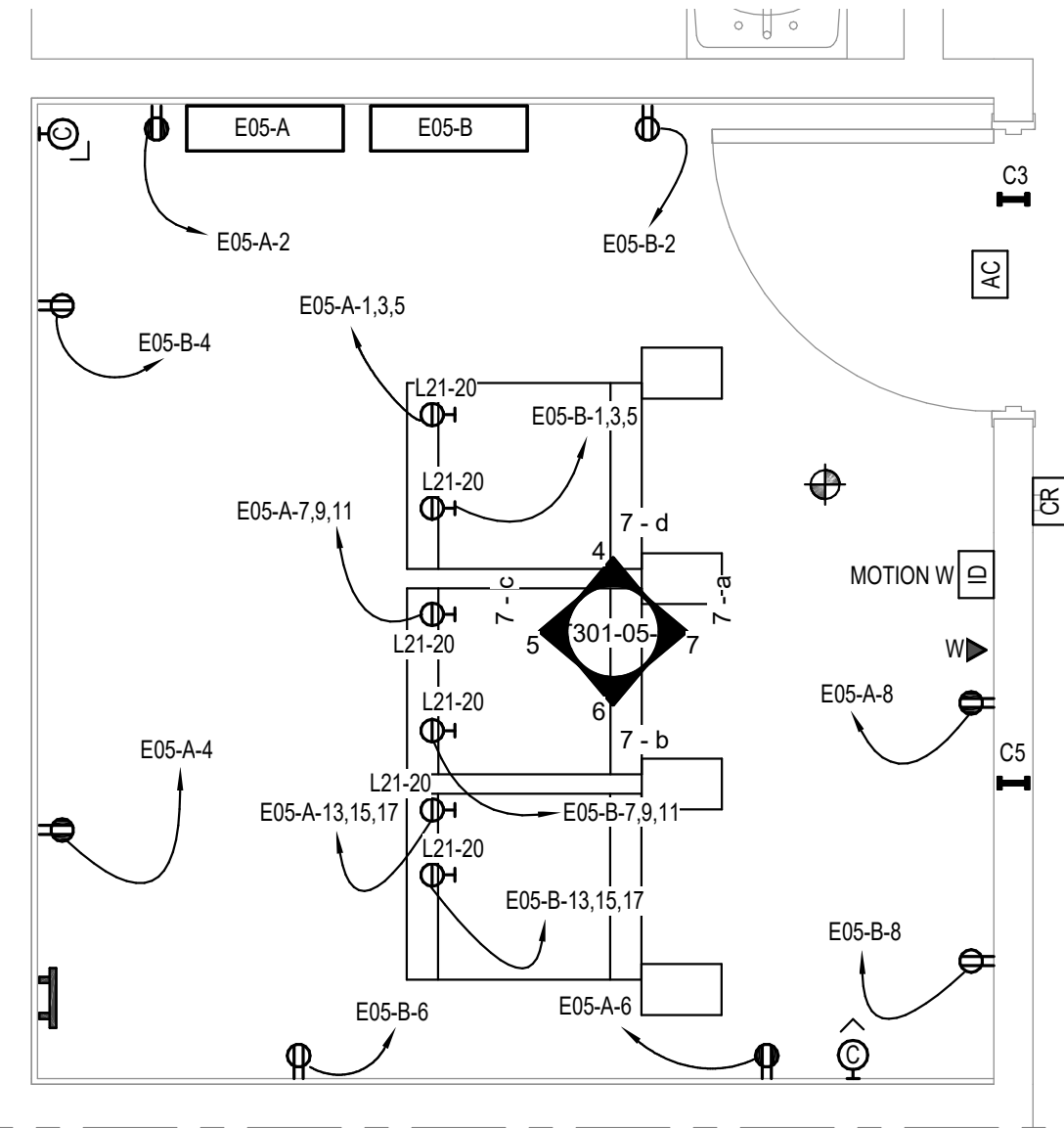
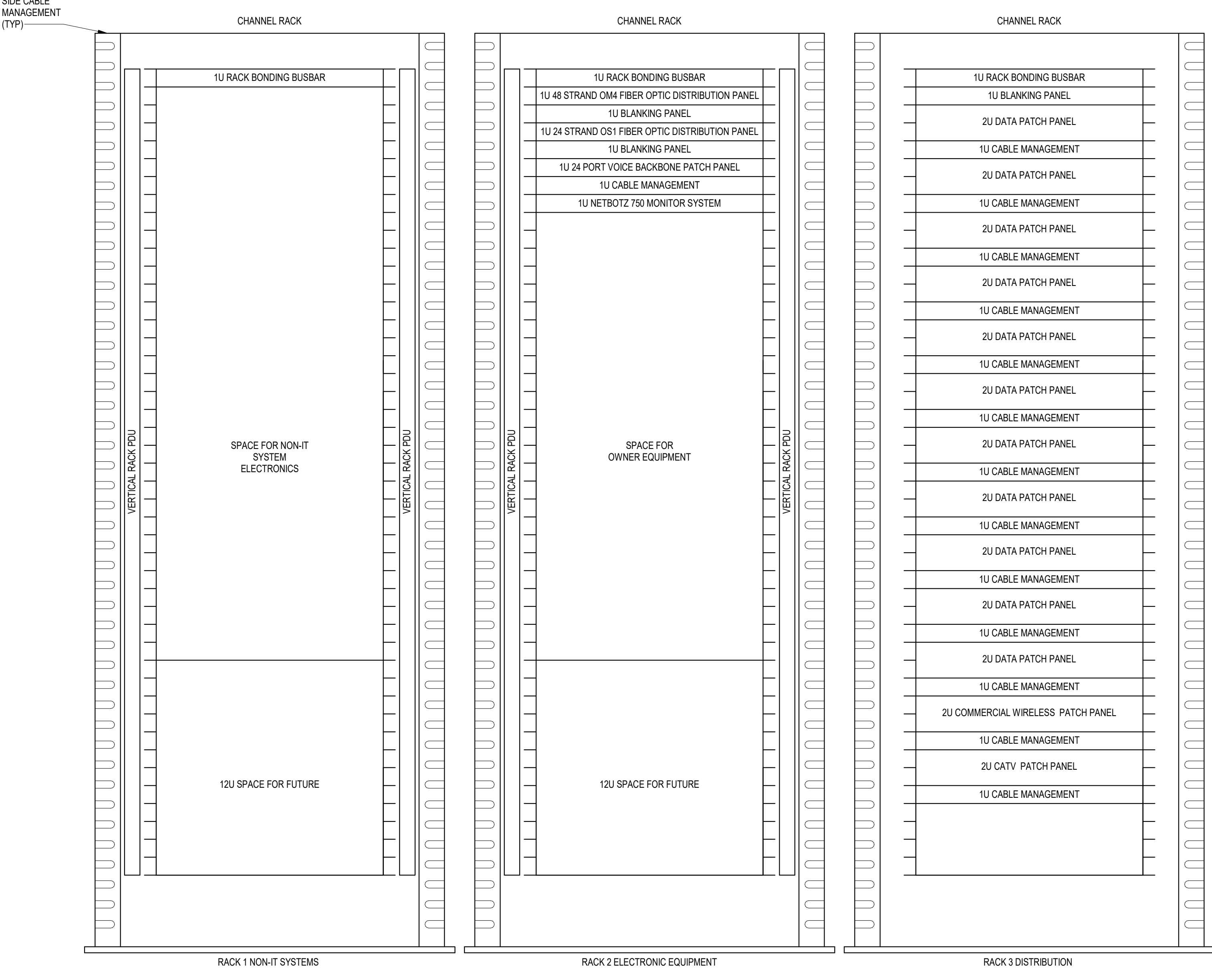
ROOM E05

EXISTING CABLE COUNT
 DATA (CAT6): 0
 DATA (CAT5): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

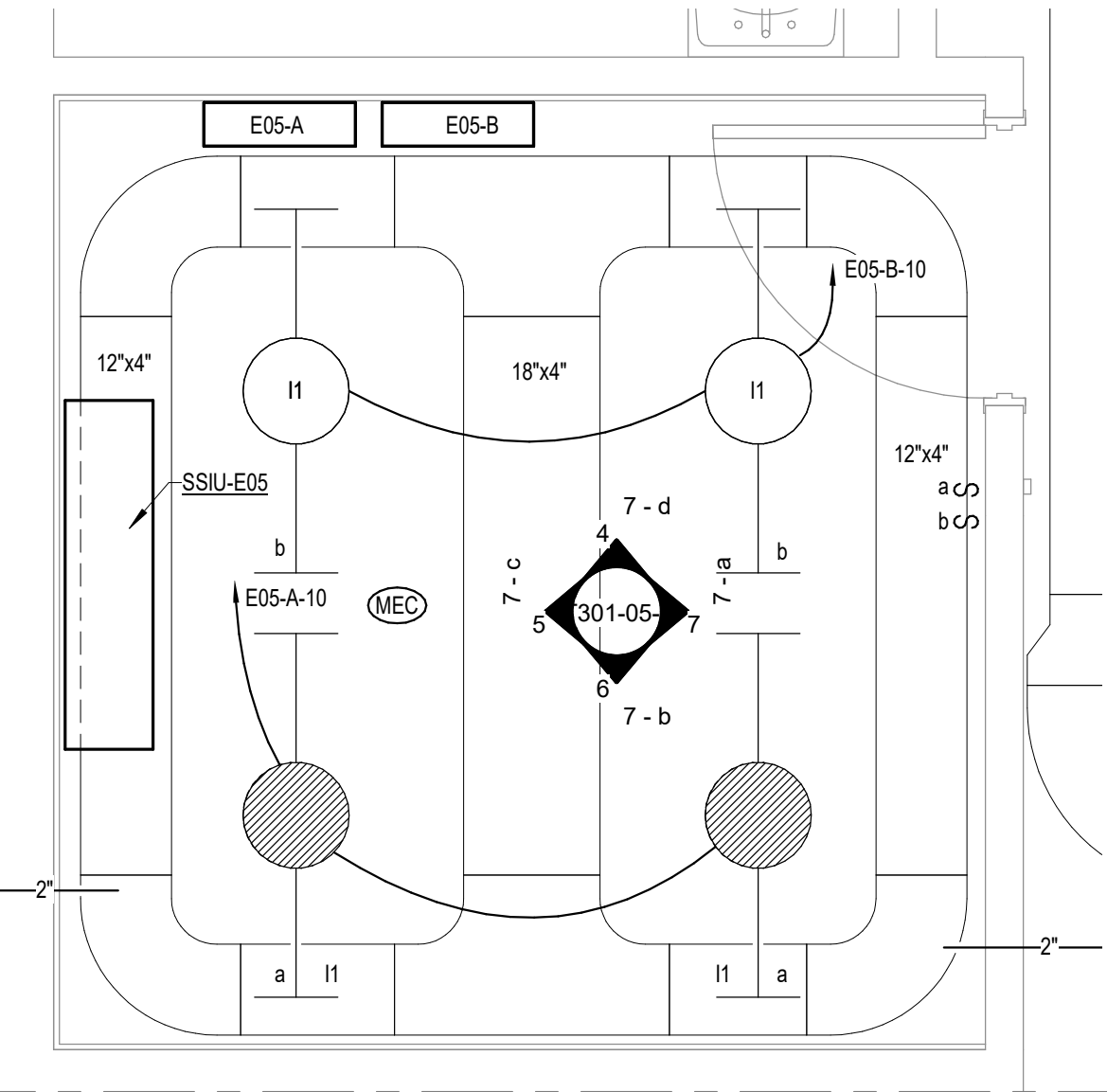
CABLE RELOCATION COUNT
 DATA (CAT6): +140 FROM ROOM A87
 DATA (CAT6): +72 FROM ROOM E23
 DATA (CAT6): +88 FROM ROOM E34
 DATA (CAT5): +96 FROM ROOM E34
 VIDEO: +1 FROM ROOM E24
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: +1 FROM A87

EXISTING CABLE TO REMAIN
 DATA (CAT6): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

FINAL CABLE COUNT
 DATA (CAT6): 494
 VIDEO: 1
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 1



2 ENLARGED ROOM E05 - BUILDING 05 - POWER & DATA
 1/2" = 1'-0" 1:24



1 ENLARGED ROOM E05 - BUILDING 05 - LIGHTING & CABLE TRAY
 1/2" = 1'-0" 1:24

- NOTES:**
- COORDINATE FINAL RACK LAYOUT WITH OWNER'S ISIT REPRESENTATIVE.
 - PROVIDE COMPONENTS NOT LISTED BY OWNER.
 - SEE SPECIFICATION FOR ADDITIONAL RACK COMPONENTS.
 - COORDINATE EXACT RACK LOCATION WITH OWNER PRIOR TO PERMANENT INSTALLATION.
 - REFER TO NEW WORK PLAN FOR RACK LOCATIONS.
 - CONTRACTOR IS RESPONSIBLE FOR FINAL DEVICE COUNT AND QUANTITY OF PATCH PANELS, SWITCHES, FIBER ENCLOSURES, AND CABLE MANAGEMENT REQUIRED.
 - COORDINATE INSTALLATIONS WITH OWNER'S ISIT REPRESENTATIVE.

3 RACK ELEVATION - ROOM E05
 NO SCALE

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Revisions:	Date:

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Bicsi

Nathan Timm
BICSI ID # 346555
EXPIRES 12-31-23

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

ENLARGED ROOM E05

Approved:

Phase

BID DOCUMENTS

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Project Title

VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location

Sioux Falls, SD

Issue Date

07/06/2021

Checked

KSB

Drawn

NMT

Project Number

438-20-910

Building Number

5

Drawing Number

T301-05-A

B2

LOCATION: ENTRY ROOM E23 VOLTS: 208/120 WYE MAINS TYPE: MCB
 SUPPLY FROM: T-B2 PHASES: 3 MCB/MLO RATING: 500 A
 BRANCH: NORMAL WIRES: 4 MCB OPTIONS: NONE
 SERVICE RATED: No INTEGRAL SPD: Yes SECTIONS: 1
 AVAILABLE SCC (KA): 7.7

CKT	CIRCUIT DESCRIPTION	OPT	POLES	RATING	Load	CIRCUIT REMARKS
1	037-B		3	100 A	31450 VA	
2	122A-B		3	100 A	12252 VA	
3	313-B		3	100 A	18065 VA	
4	E05-B		3	100 A	18068 VA	
5	149-B		3	100 A	18065 VA	
6	106-B		3	100 A	6126 VA	
7	296C-B		3	100 A	26040 VA	
8	268-B		3	100 A	18065 VA	
9	370-B		3	100 A	17865 VA	
10	451-B		3	100 A	17885 VA	
11	546-B		3	100 A	13150 VA	
12	SPARE	--	3	100 A	0 VA	
13	SPARE	--	3	100 A	0 VA	
14	SPARE	--	3	100 A	0 VA	
15						
16						
17						
18						
19						
20						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
LTG	396 VA	125.00%	495 VA	CONNECTED LOAD: 197047 VA
REC	7380 VA	100.00%	7380 VA	CONNECTED CURRENT: 547 A
MTR	4780 VA	112.11%	5359 VA	DEMAND LOAD: 110479 VA
PWR-NC	184491 VA	52.71%	97246 VA	DEMAND CURRENT: 307 A
				CONSIDER 125% DEMAND: 138099 A
				EQUIPMENT AMPS: 500 A
				FEEDER AVAILABLE: 59 %
				SPARE CAPACITY: 193 A

OPTIONS:
 CIRCUIT BREAKER OPTIONS SUFFIX: 'S' OR 'ST' - PROVIDE SHUNT TRIP CIRCUIT BREAKER / 'G' OR 'GFCI' - PROVIDE GFCI CIRCUIT BREAKER / 'GFP' - PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSI' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS

GENERAL REMARKS:
 A. PANEL AIC (INTERRUPTING) RATING SHALL BE MINIMUM 120% OF THE AVAILABLE SCC (SHORT CIRCUIT CURRENT).

A2

LOCATION: ENTRY ROOM E23 VOLTS: 208/120 WYE MAINS TYPE: MCB
 SUPPLY FROM: A2 PHASES: 3 MCB/MLO RATING: 600 A
 BRANCH: CRITICAL WIRES: 4 MCB OPTIONS: NONE
 SERVICE RATED: No INTEGRAL SPD: Yes SECTIONS: 1
 AVAILABLE SCC (KA): 12.0

CKT	CIRCUIT DESCRIPTION	OPT	POLES	RATING	Load	CIRCUIT REMARKS
1	037-A		3	100 A	33258 VA	
2	122A-A		3	100 A	14512 VA	
3	313-A		3	100 A	20860 VA	
4	E05-A		3	100 A	21043 VA	
5	149-A		3	100 A	21040 VA	
6	106-A		3	100 A	8566 VA	
7	296C-A		3	100 A	26040 VA	
8	268-A		3	100 A	21040 VA	
9	370-A		3	100 A	21040 VA	
10	451-A		3	100 A	21040 VA	
11	546-A		3	100 A	14690 VA	
12	SPARE	--	3	100 A	0 VA	
13	SPARE	--	3	100 A	0 VA	
14	SPARE	--	3	100 A	0 VA	
15						
16						
17						
18						
19						
20						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
LTG	545 VA	125.00%	681 VA	CONNECTED LOAD: 223124 VA
REC	6660 VA	100.00%	6660 VA	CONNECTED CURRENT: 619 A
MTR	31428 VA	102.27%	32142 VA	DEMAND LOAD: 136728 VA
PWR-NC	184491 VA	52.71%	97246 VA	DEMAND CURRENT: 380 A
				CONSIDER 125% DEMAND: 170910 A
				EQUIPMENT AMPS: 600 A
				FEEDER AVAILABLE: 49 %
				SPARE CAPACITY: 220 A

OPTIONS:
 CIRCUIT BREAKER OPTIONS SUFFIX: 'S' OR 'ST' - PROVIDE SHUNT TRIP CIRCUIT BREAKER / 'G' OR 'GFCI' - PROVIDE GFCI CIRCUIT BREAKER / 'GFP' - PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSI' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS

GENERAL REMARKS:
 A. PANEL AIC (INTERRUPTING) RATING SHALL BE MINIMUM 120% OF THE AVAILABLE SCC (SHORT CIRCUIT CURRENT).

LIGHTING PANEL: E05-B

LOCATION: TELECOM E05 VOLTS: 208/120 WYE MAINS TYPE: MCB
 SUPPLY FROM: B2 PHASES: 3 MCB/MLO RATING: 100 A
 BRANCH: NORMAL WIRES: 4 MCB OPTIONS: NONE
 SERVICE RATED: No INTEGRAL SPD: Yes SECTIONS: 1
 MOUNTING: SURFACE AVAILABLE SCC (KA): 1.4 PANEL POLES: 42
 NEMA ENCLOSURE: 1

C..	CIRCUIT DESCRIPTION	OPT	RATI..	POL..	A	B	C	POL..	RATI..	OPT	CIRCUIT DESCRIPTION	C..
1	PWR-C TELECOM E05 - RACK		20 A	3	1922...	180 VA		1	20 A		REC TELECOM E05	2
3	RECEPTACLE		20 A	3	1922 VA	180 VA		1	20 A		REC TELECOM E05	4
5							1922 VA	180 VA	1	20 A	REC TELECOM E05	6
7	PWR-C TELECOM E05 - RACK		20 A	3	1922...	180 VA		1	20 A		REC TELECOM E05	8
9	RECEPTACLE		20 A	3	1922 VA	50 VA		1	20 A		LTG TELECOM E05	10
11							1922 VA					12
13												14
15	PWR-C TELECOM E05 - RACK		20 A	3	1922...	180 VA						16
17	RECEPTACLE		20 A	3	1922 VA			1922 VA				18
19												20
21	SPARE	--	20 A	3	0 VA							22
23							0 VA					24
25	SPARE	--	20 A	1	0 VA							26
27	SPARE	--	20 A	1	0 VA							28
29	SPARE	--	20 A	1	0 VA							30
31	SPARE	--	20 A	1	0 VA							32
33												34
35												36
37												38
39												40
41												42

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
LTG	50 VA	125.00%	62 VA	CONNECTED LOAD: 18068 VA
REC	720 VA	100.00%	720 VA	CONNECTED CURRENT: 50 A
PWR-NC	17298 VA	78.91%	13649 VA	DEMAND LOAD: 14431 VA
				DEMAND CURRENT: 40 A
				CONSIDER 125% DEMAND: 18039 A
				EQUIPMENT AMPS: 100 A
				FEEDER AVAILABLE: 59 %
				SPARE CAPACITY: 60 A

OPTIONS:
 CIRCUIT BREAKER OPTIONS SUFFIX: 'S' OR 'ST' - PROVIDE SHUNT TRIP CIRCUIT BREAKER / 'G' OR 'GFCI' - PROVIDE GFCI CIRCUIT BREAKER / 'GFP' - PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSI' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS / 'R' - PROVIDE CIRCUIT BREAKER WITH RED MARKING

GENERAL REMARKS:
 A. PANEL AIC (INTERRUPTING) RATING SHALL BE MINIMUM 120% OF THE AVAILABLE SCC (SHORT CIRCUIT CURRENT).

LIGHTING PANEL: E05-A

LOCATION: TELECOM E05 VOLTS: 208/120 WYE MAINS TYPE: MCB
 SUPPLY FROM: A2 PHASES: 3 MCB/MLO RATING: 100 A
 BRANCH: CRITICAL WIRES: 4 MCB OPTIONS: NONE
 SERVICE RATED: No INTEGRAL SPD: Yes SECTIONS: 1
 MOUNTING: SURFACE AVAILABLE SCC (KA): 1.4 PANEL POLES: 42
 NEMA ENCLOSURE: 1

C..	CIRCUIT DESCRIPTION	OPT	RATI..	POL..	A	B	C	POL..	RATI..	OPT	CIRCUIT DESCRIPTION	C..
1	PWR-C TELECOM E05 - RACK		20 A	3	1922...	180 VA		1	20 A		REC TELECOM E05	2
3	RECEPTACLE		20 A	3	1922 VA	180 VA		1	20 A		REC TELECOM E05	4
5							1922 VA	180 VA	1	20 A	REC TELECOM E05	6
7	PWR-C TELECOM E05 - RACK		20 A	3	1922...	180 VA		1	20 A		REC TELECOM E05	8
9	RECEPTACLE		20 A	3	1922 VA	50 VA		1	20 A		LT TELECOM E05	10
11							1922 VA	1488...	2	30 A	SSIU-E05/SSOU-E05	12
13												14
15	PWR-C TELECOM E05 - RACK		20 A	3	1922...	1488 VA						16
17	RECEPTACLE		20 A	3	1922 VA			1922 VA				18
19												20
21	SPARE	--	20 A	3	0 VA							22
23							0 VA					24
25	SPARE	--	20 A	1	0 VA							26
27	SPARE	--	20 A	1	0 VA							28
29	SPARE	--	20 A	1	0 VA							30
31	SPARE	--	20 A	1	0 VA							32
33	SPARE	--	20 A	1	0 VA							34
35												36
37												38
39												40
41												42

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
LTG	50 VA	125.00%	62 VA	CONNECTED LOAD: 21043 VA
REC	720 VA	100.00%	720 VA	CONNECTED CURRENT: 56 A
MTR	2975 VA	124.00%	3689 VA	DEMAND LOAD: 18120 VA
PWR-NC	17298 VA	78.91%	13649 VA	DEMAND CURRENT: 50 A
				CONSIDER 125% DEMAND: 22650 A
				EQUIPMENT AMPS: 100 A
				FEEDER AVAILABLE: 59 %
				SPARE CAPACITY: 50 A

OPTIONS:
 CIRCUIT BREAKER OPTIONS SUFFIX: 'S' OR 'ST' - PROVIDE SHUNT TRIP CIRCUIT BREAKER / 'G' OR 'GFCI' - PROVIDE GFCI CIRCUIT BREAKER / 'GFP' - PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSI' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS / 'R' - PROVIDE CIRCUIT BREAKER WITH RED MARKING

GENERAL REMARKS:
 A. PANEL AIC (INTERRUPTING) RATING SHALL BE MINIMUM 120% OF THE AVAILABLE SCC (SHORT CIRCUIT CURRENT).

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BIM 360//VZ655-002 - VA Sioux Falls EHRM/202555-002 - VA Sioux Falls EHRM ESES - 2018.rvt

Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

PANEL SCHEDULES - BUILDING 5 - GROUND LEVEL - AREA A

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location

Sioux Falls, SD

Issue Date

07/06/2021

Checked

KSB

Drawn

NMT

Project Number

438-20-910

Building Number

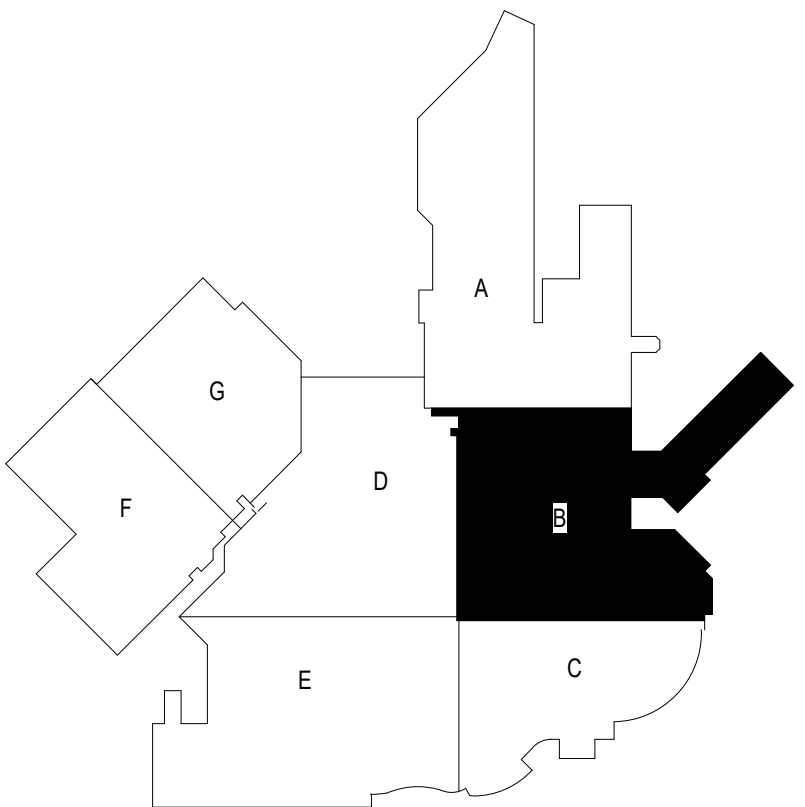
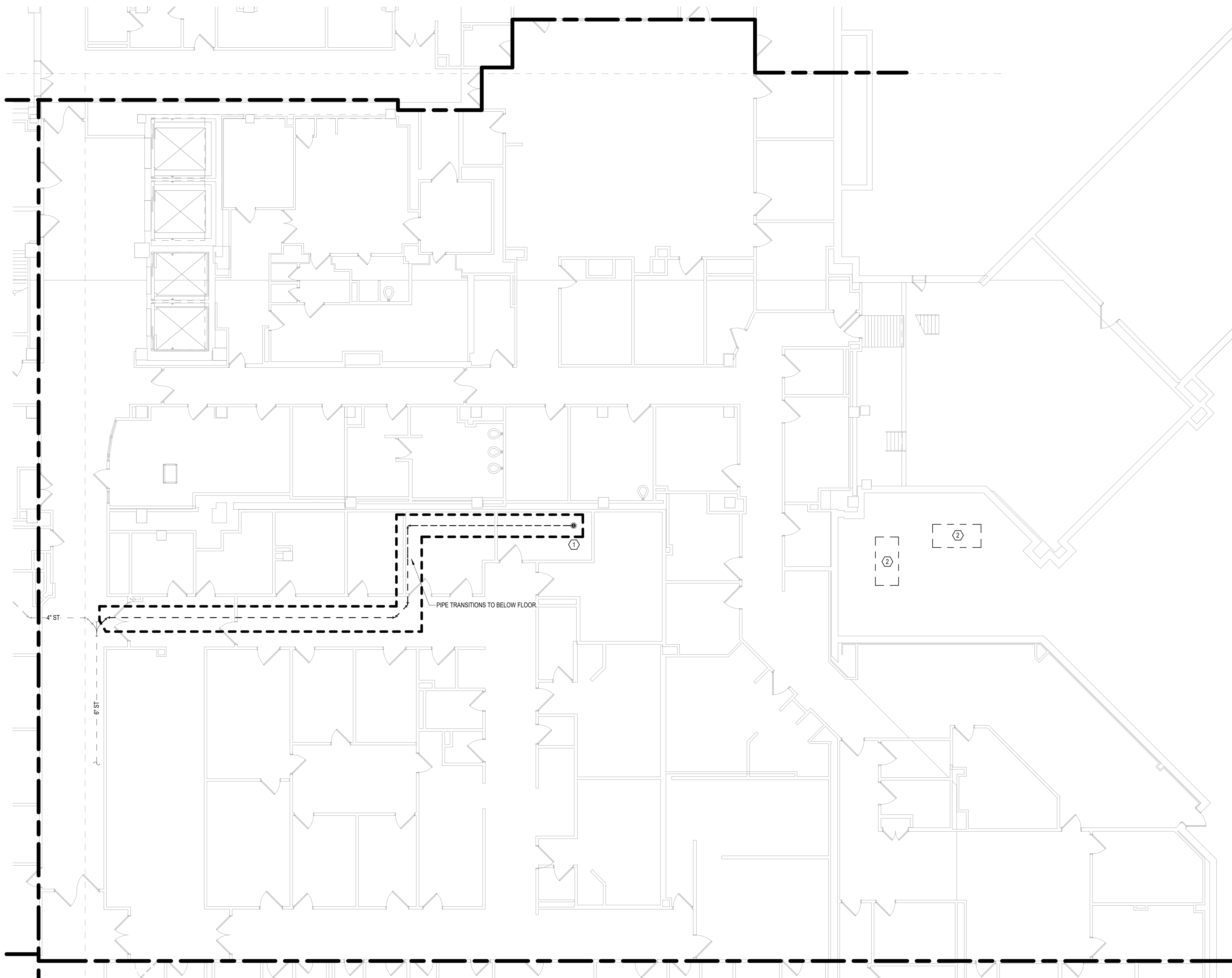
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Drawing Number

EE401-05-A

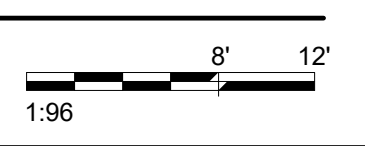
- GENERAL NOTES:**
- COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
 - ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
 - UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
 - THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

- SHEET NOTES:**
- DEMOLISH STORM PIPING BOTH ABOVE CEILING AND BELOW FLOOR TO THE EXTENTS SHOWN. PREPARE 6" STORM PIPING BELOW FLOOR FOR RECONNECTION.
 - DEMOLISH OUTDOOR CONDENSING UNIT SERVING SERVER ROOM CRAC UNIT AND ASSOCIATED PIPING AND PIPING SUPPORTS. PATCH AND REPAIR PENETRATIONS IN EXTERIOR WALL. DEMOLISH CONCRETE PAD.



KEYPLAN

1 1/8" = 1'-0"



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Office of Construction and Facilities Management

Drawing Title
GROUND LEVEL MECHANICAL DEMOLITION PLAN - BUILDING 5 - AREA B

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

Checked
EGS

Drawn
PHV

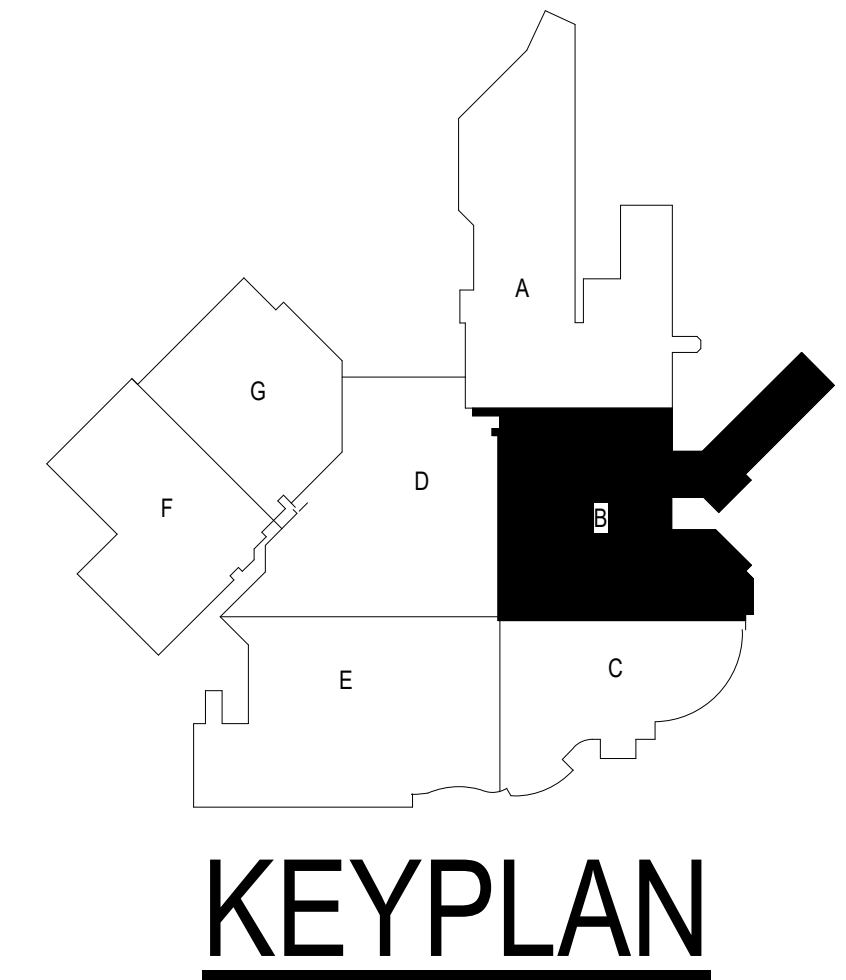
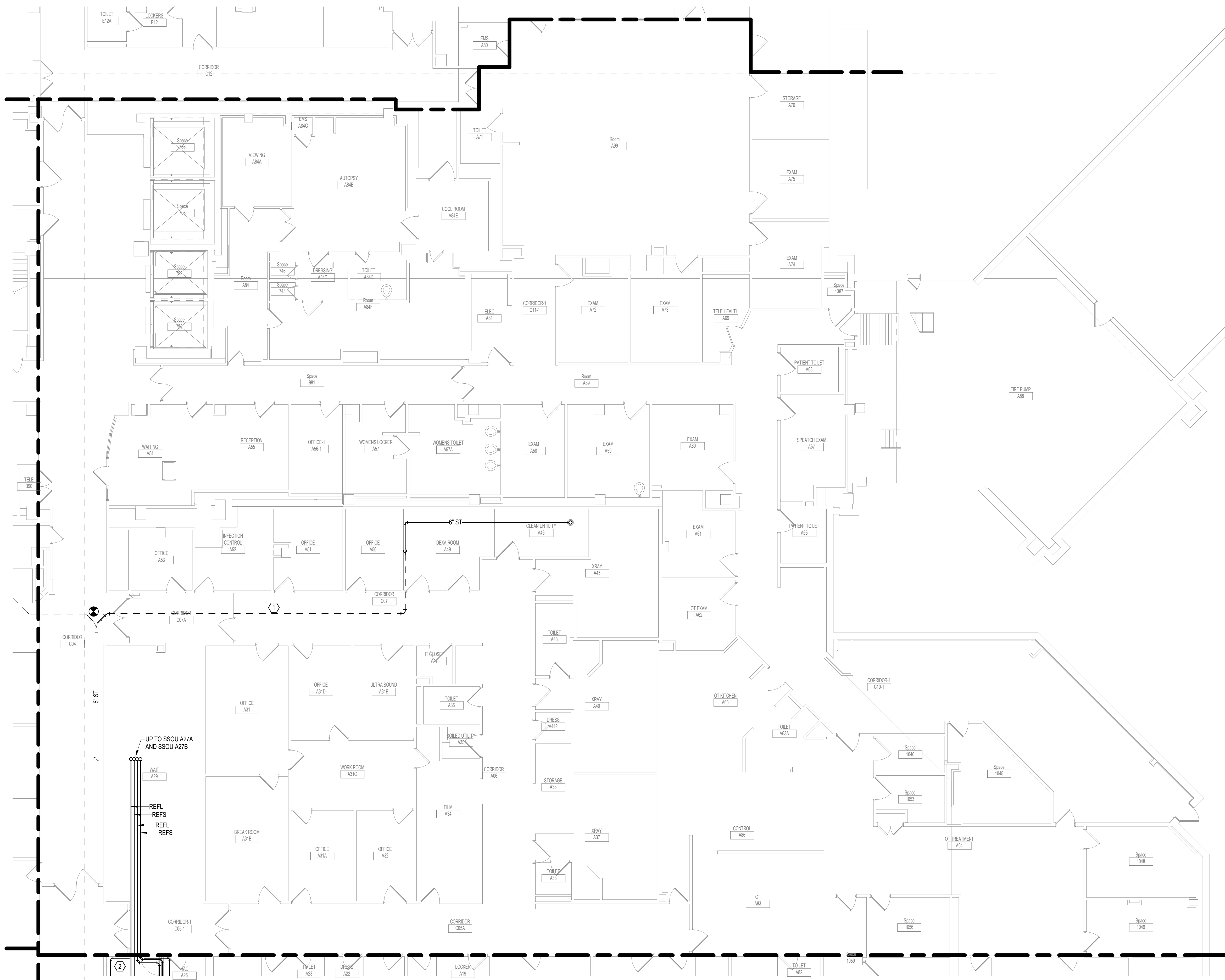
Project Number
438-20-910

Building Number
5

Drawing Number
MD101-05-B

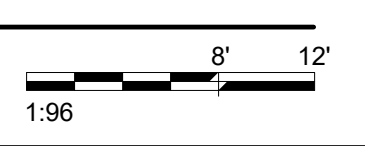
- GENERAL NOTES:**
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- SHEET NOTES:**
- PROVIDE NEW 6" STORM PIPE IN PLACE OF DEMOLISHED 4" STORM PIPING. MODIFY ROOF OPENING AS NEEDED FOR 6" ROOF DRAIN.



KEYPLAN

1 GROUND LEVEL PIPING PLAN - BUILDING 5 - AREA B
1/8" = 1'-0"



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VA U.S. Department of Veterans Affairs

Drawing Title
GROUND LEVEL PIPING PLAN - BUILDING - 5 - AREA B

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

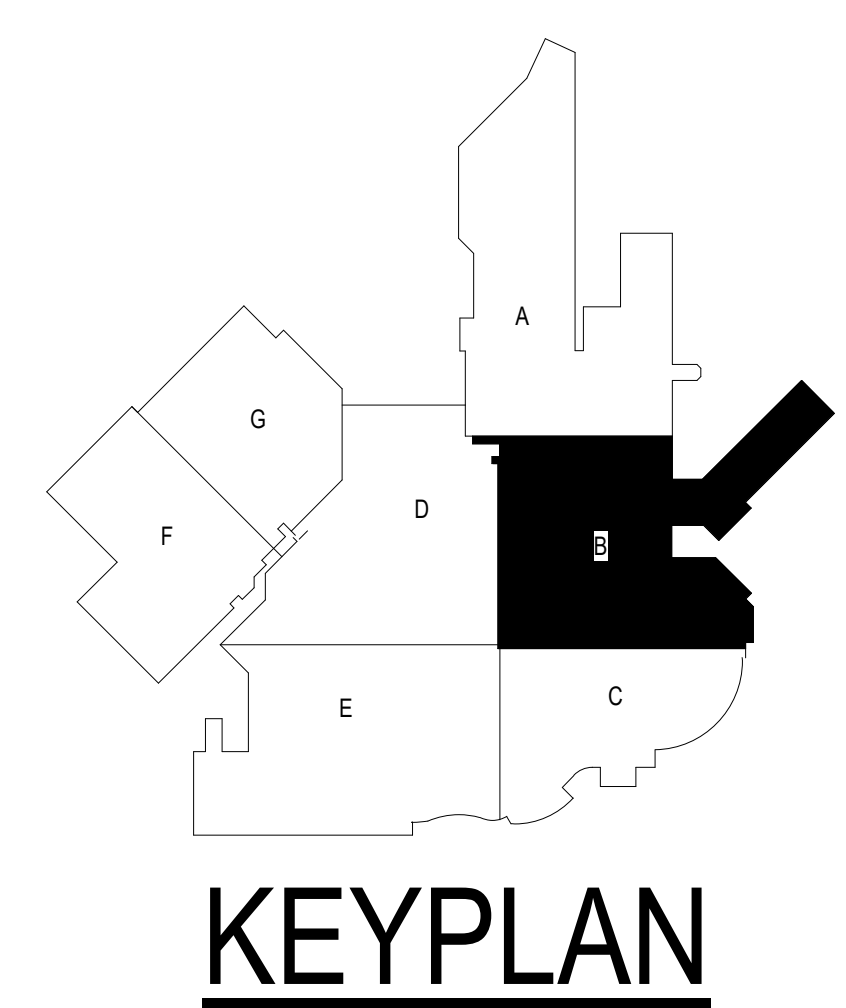
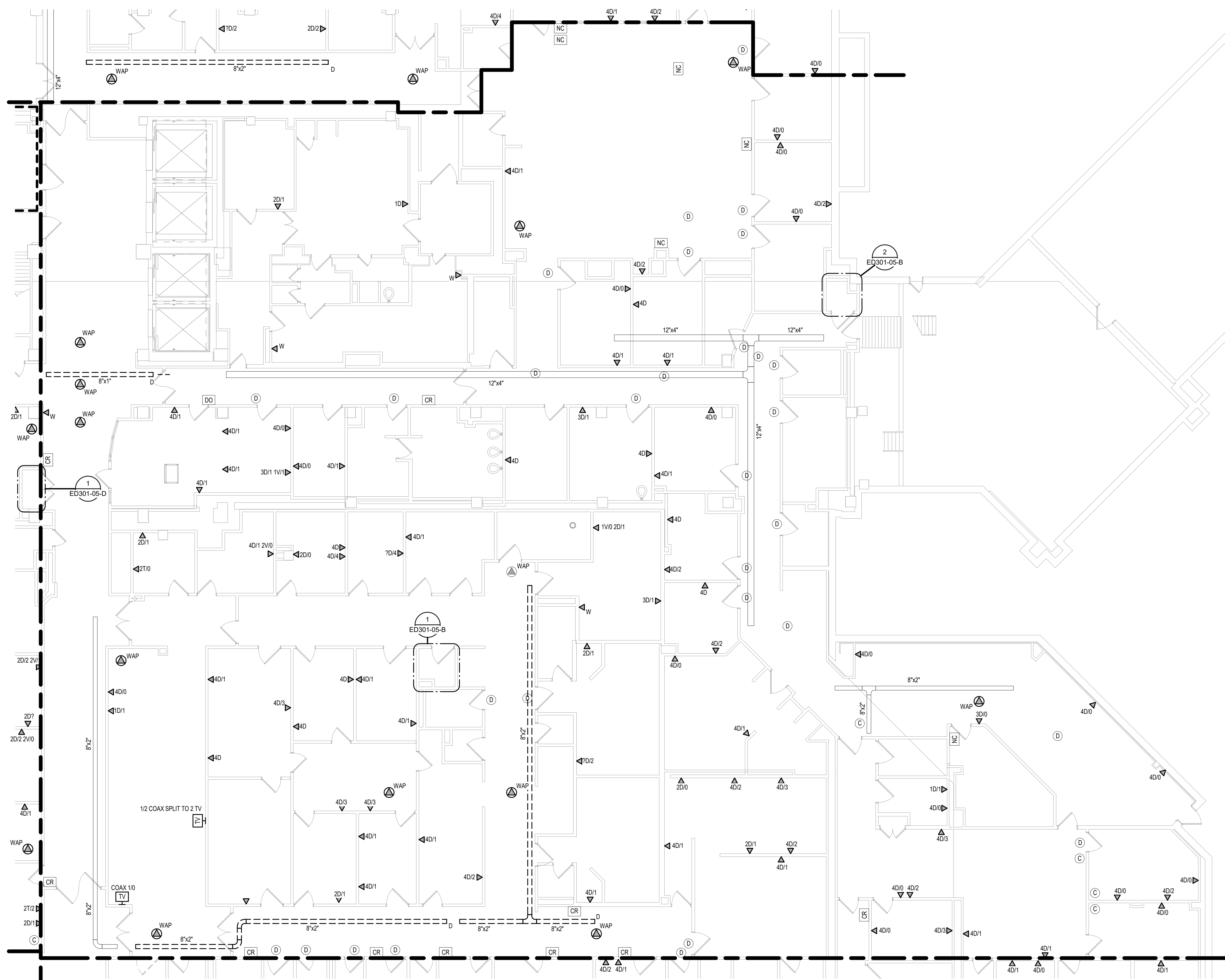
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EGS

Drawn
PHV

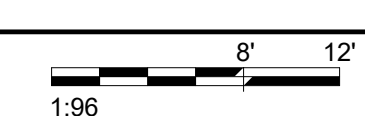
Project Number
438-20-910

Building Number
5

Drawing Number
MP101-05-B



1 GROUND LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA B
1/8" = 1'-0"



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Nathan Timm
BICSI ID # 346555
EXPIRES 12-31-23

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Drawing Title
GROUND LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA B

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

Checked
KSB

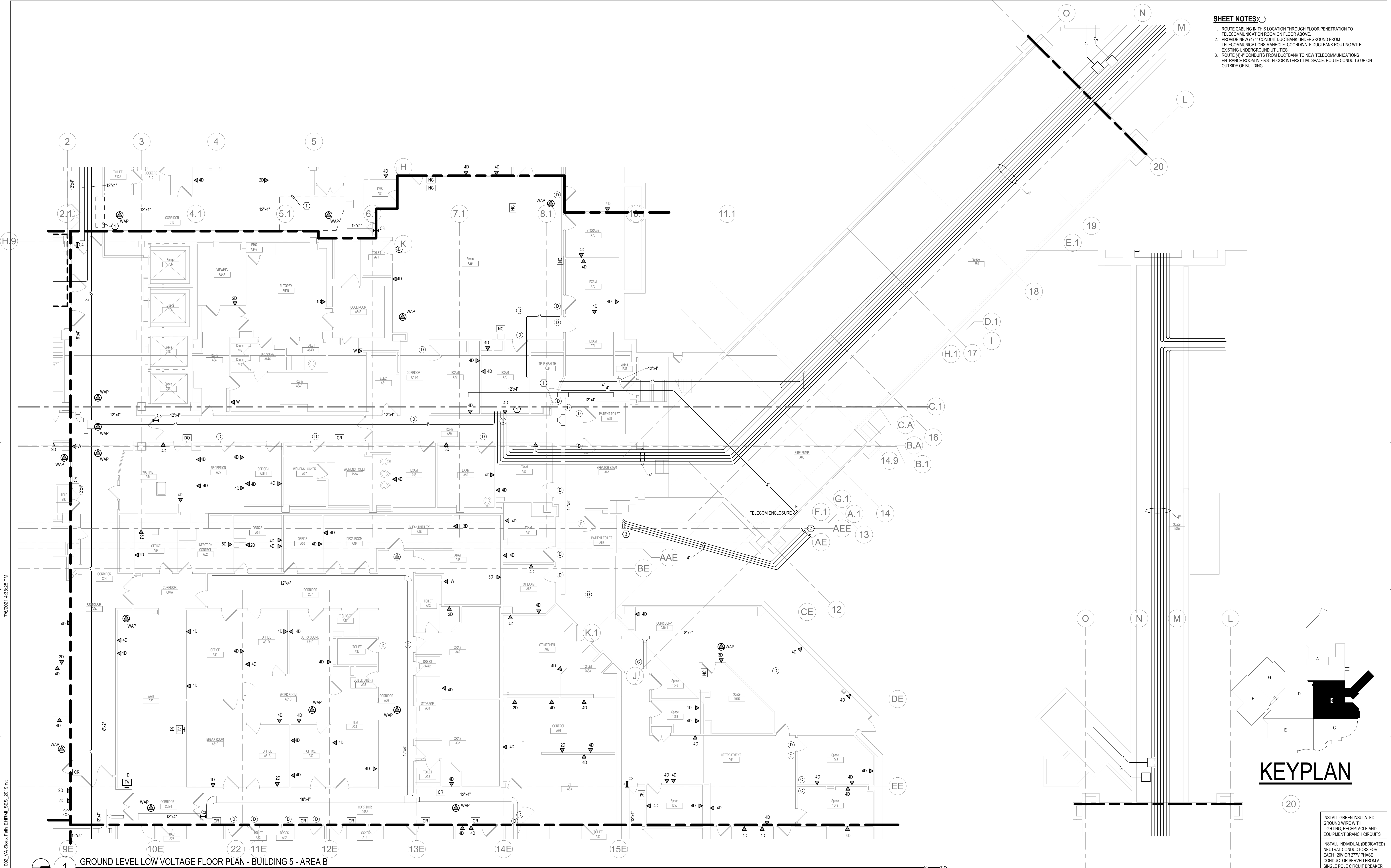
Drawn
NMT

Project Number
438-20-910

Building Number
5

Drawing Number
ED101-05-B

- SHEET NOTES:**
- ROUTE CABLING IN THIS LOCATION THROUGH FLOOR PENETRATION TO TELECOMMUNICATION ROOM ON FLOOR ABOVE.
 - PROVIDE NEW (4) 4" CONDUIT DUCTBANK UNDERGROUND FROM TELECOMMUNICATIONS MANHOLE. COORDINATE DUCTBANK ROUTING WITH EXISTING UNDERGROUND UTILITIES.
 - ROUTE (4) 4" CONDUITS FROM DUCTBANK TO NEW TELECOMMUNICATIONS ENTRANCE ROOM IN FIRST FLOOR INTERSTITIAL SPACE. ROUTE CONDUITS UP ON OUTSIDE OF BUILDING.



1 GROUND LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 5 - AREA B
1/8" = 1'-0"

1:96

INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.
INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER.

Revisions:	Date:

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Nathan Timm
BICSI ID # 346555
EXPIRES 12-31-23

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

Drawing Title
GROUND LEVEL LOW VOLTAGE PLAN - BUILDING 5 - AREA B

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

Checked
KSB

Drawn
NMT

Project Number
438-20-910

Building Number
5

Drawing Number
TN101-05-B

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B

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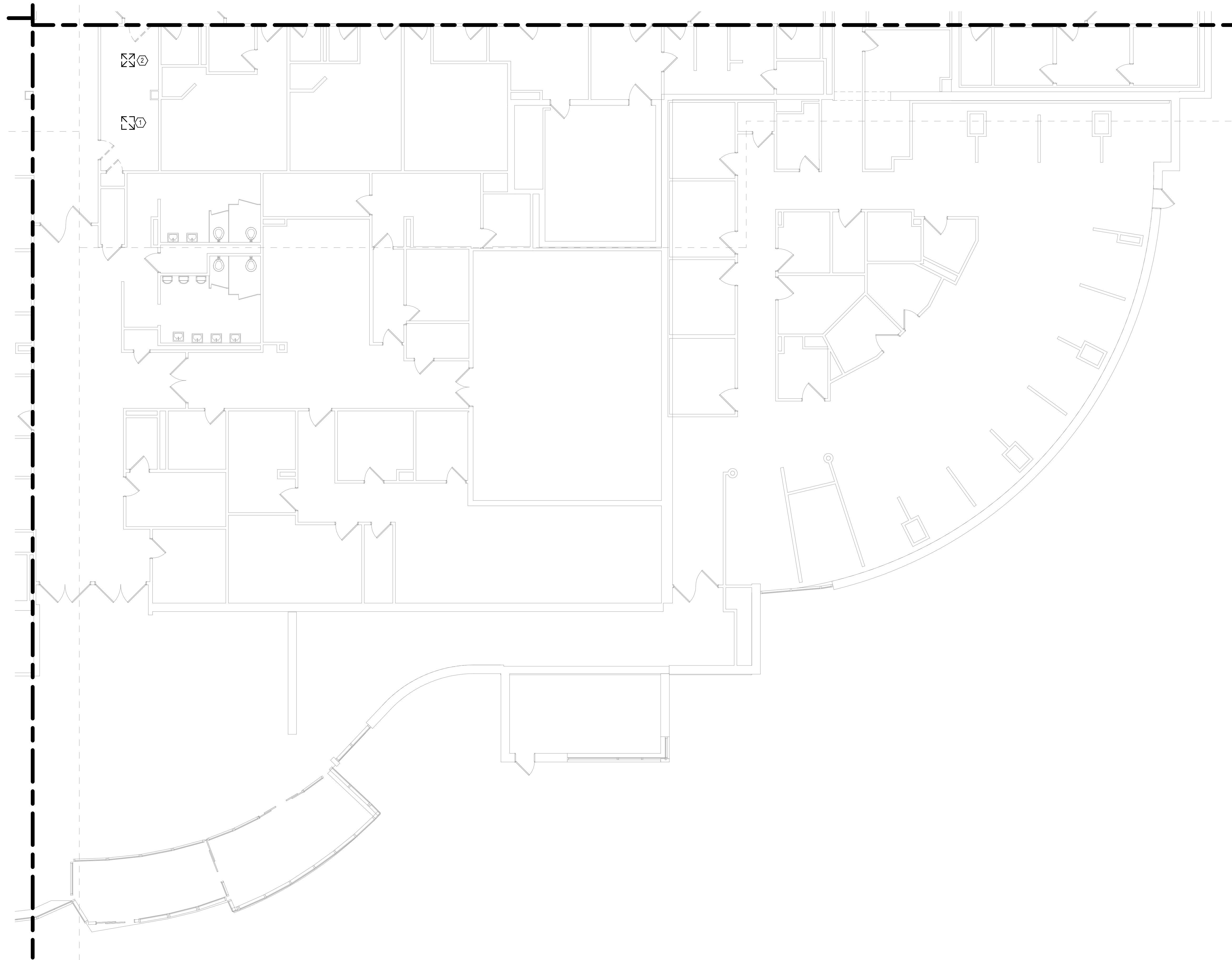
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GENERAL NOTES:

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SHEET NOTES:

- DEMOLISH RETURN DUCT BACK TO MAIN AND CAP OPENING.
- DEMOLISH EXISTING SUPPLY DUCT AND DIFFUSER BACK TO MAIN AND CAP.



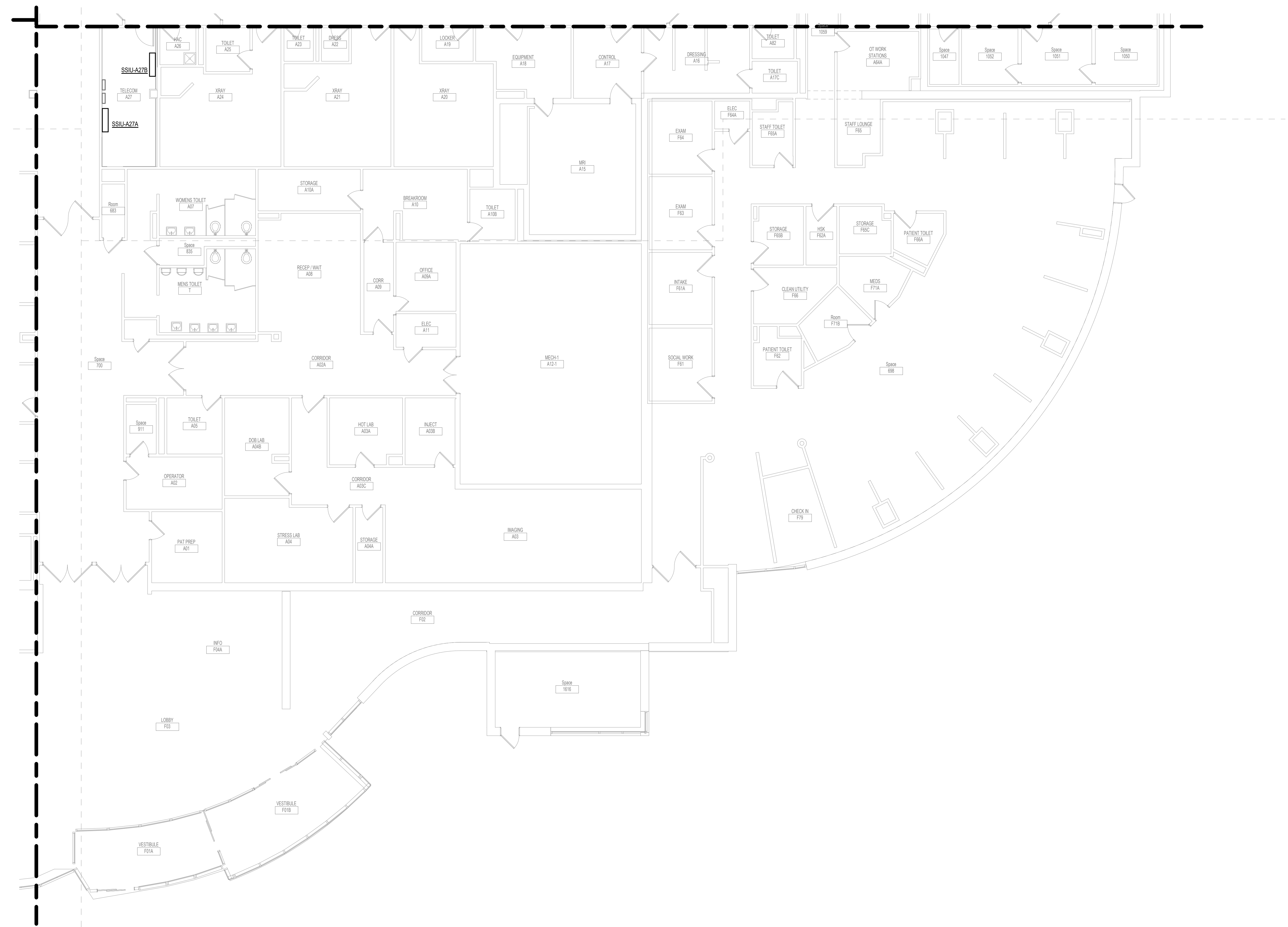
1 GROUND LEVEL MECHANICAL DEMOLITION PLAN - BUILDING 5 - AREA C
1/8" = 1'-0"

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Revisions:	Date:

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1 GROUND LEVEL DUCTWORK PLAN - BUILDING 5 - AREA C
1/8" = 1'-0"

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2/18/2022 9:16:34 AM

Revisions:	Date:

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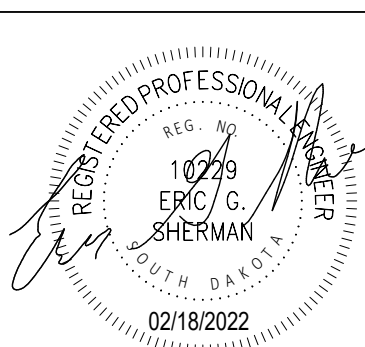
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Drawing Title
GROUND LEVEL DUCTWORK PLAN - BUILDING 5 - AREA C

Approved:

Phase
BID DOCUMENTS

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Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
02/18/2022

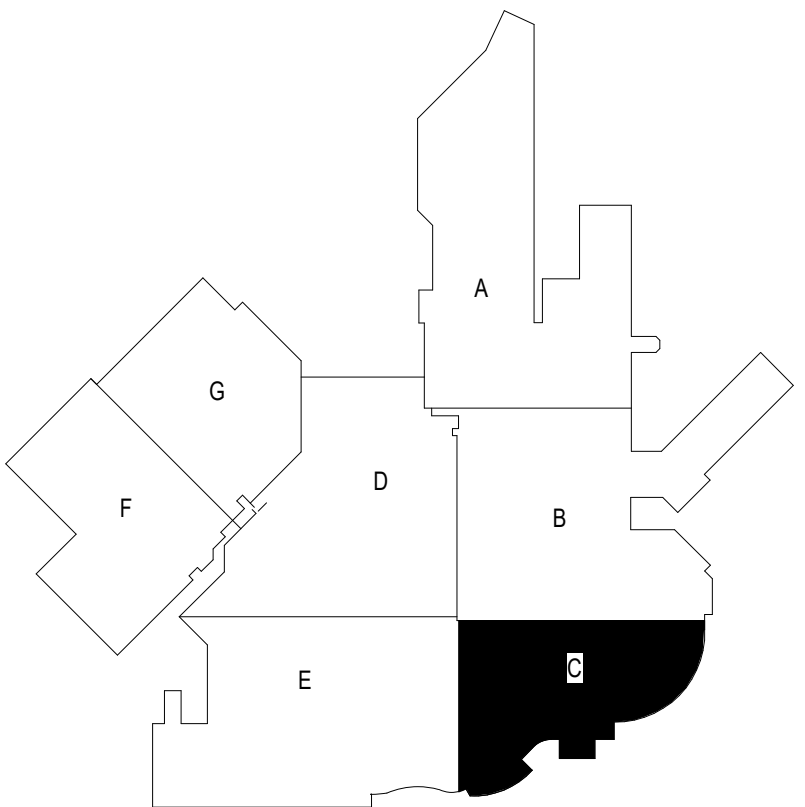
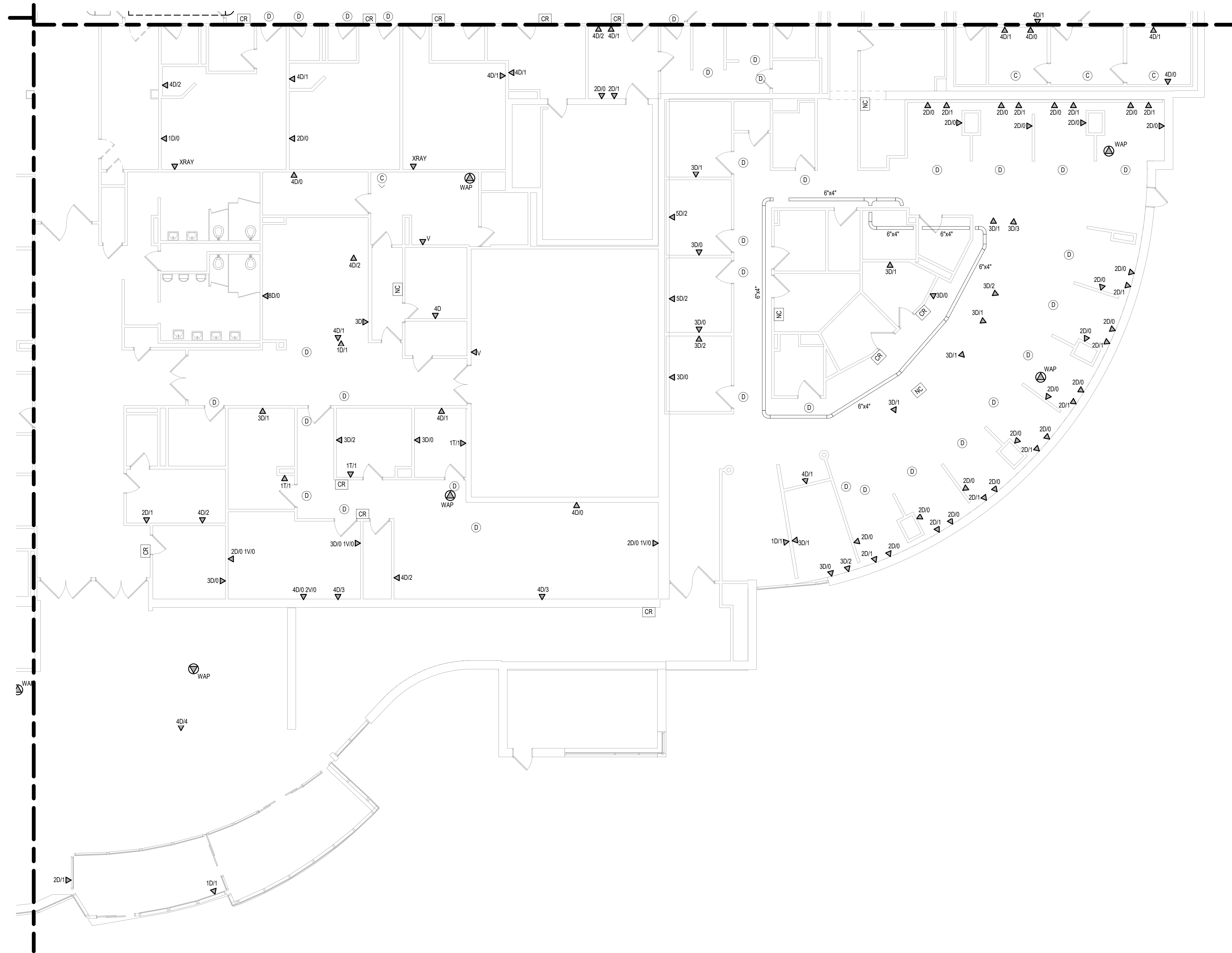
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PHV

Project Number
438-20-910

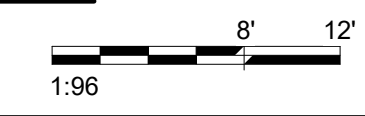
Building Number
5

Drawing Number
MH101-05-C



KEYPLAN

1 GROUND LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA C
1/8" = 1'-0"



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Drawing Title
GROUND LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA C

Approved:

Phase
BID DOCUMENTS

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Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

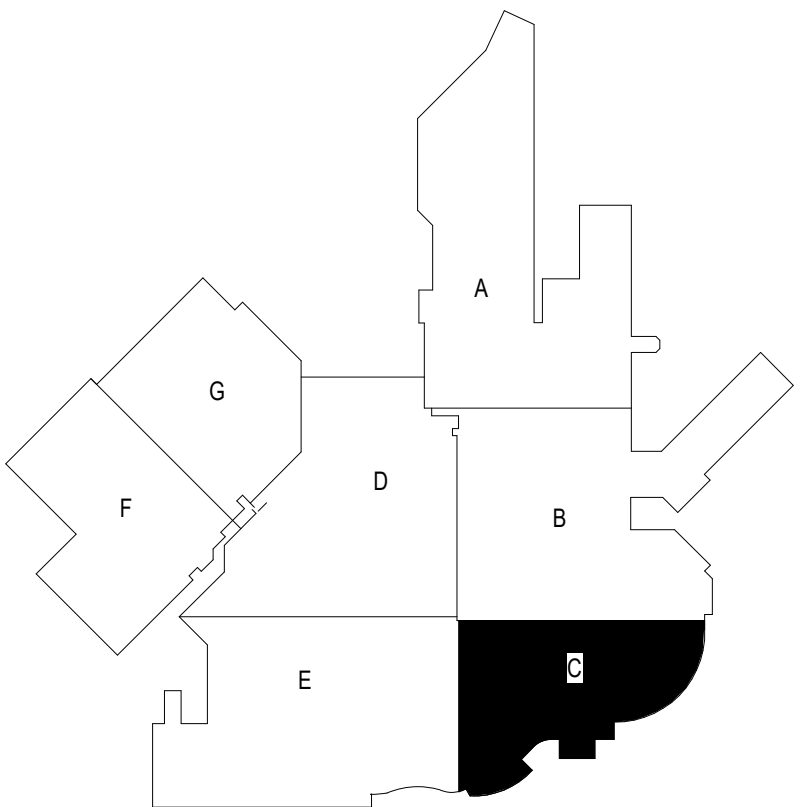
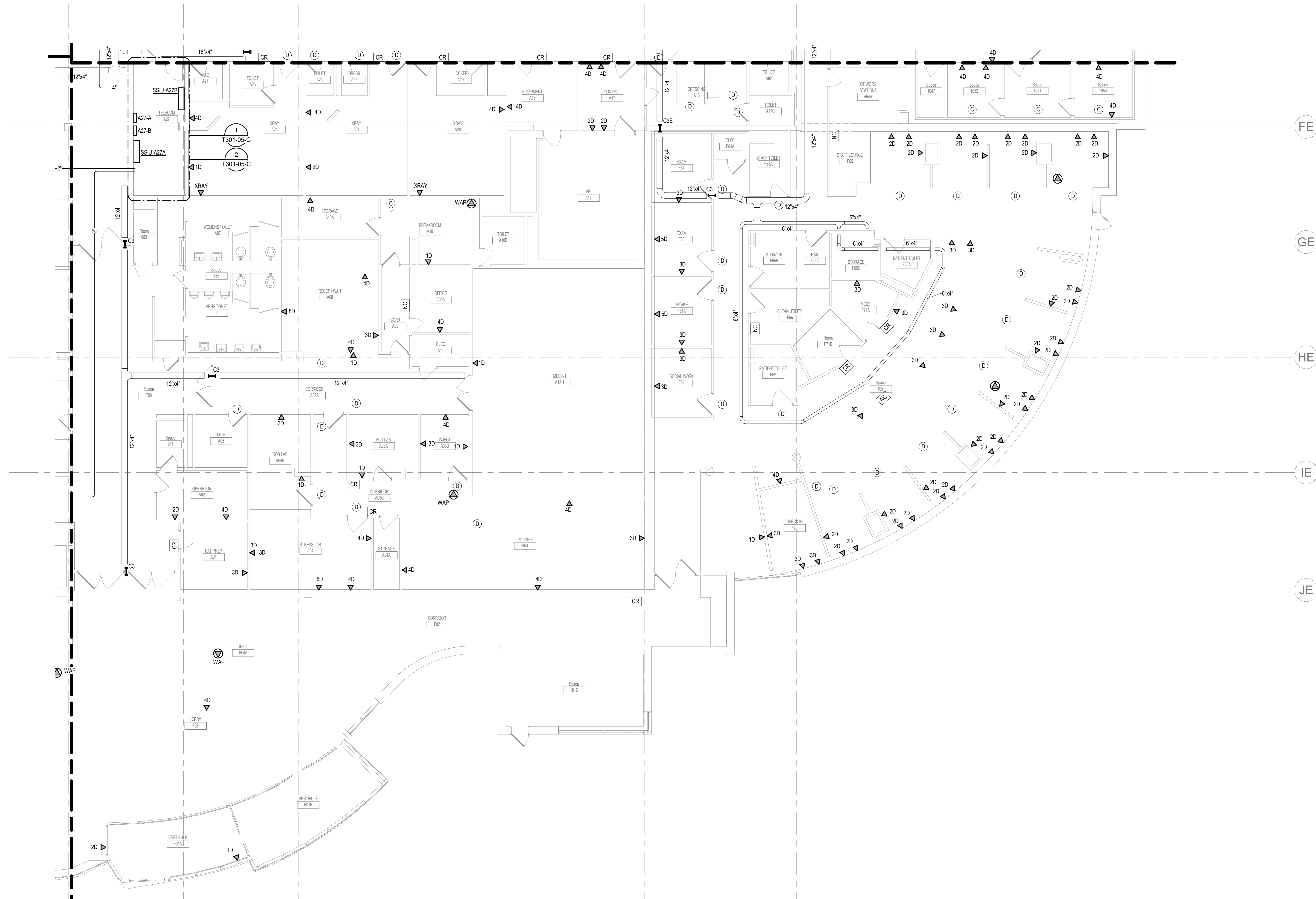
Checked
KSB

Drawn
NMT

Project Number
438-20-910

Building Number
5

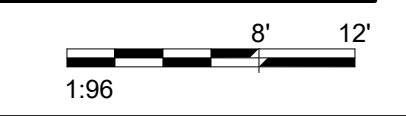
Drawing Number
ED101-05-C



KEYPLAN

1 GROUND LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 5 - AREA C

1/8" = 1'-0"

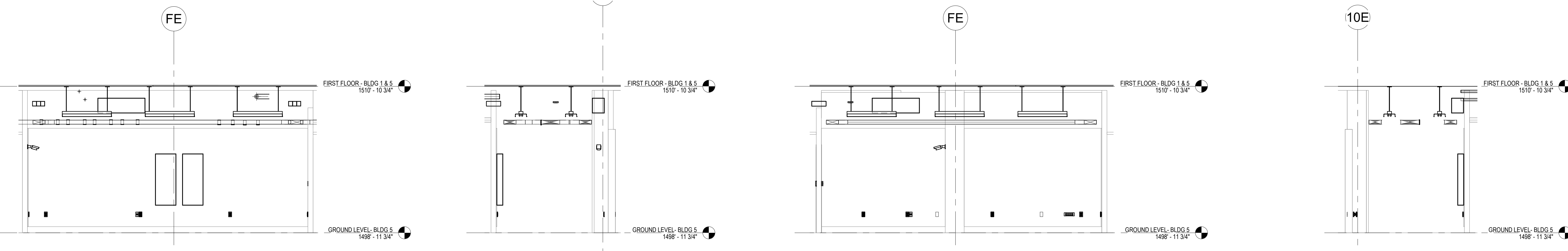


INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER.

Revisions:	Date:

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			FULLY SPRINKLERED	Location Sioux Falls, SD	Building Number 5
211E	12E	15E	Issue Date 07/06/2021	Checked KSB	Drawn NMT
Revisions:			Drawing Title GROUND LEVEL LOW VOLTAGE PLAN - BUILDING 5 - AREA C	Issue Date 07/06/2021	Drawing Number TN101-05-C



6 8-a 1/4" = 1'-0" 5 8-b 1/4" = 1'-0" 4 8-c 1/4" = 1'-0" 3 8-d 1/4" = 1'-0"

CABLING NOTES:

A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT.

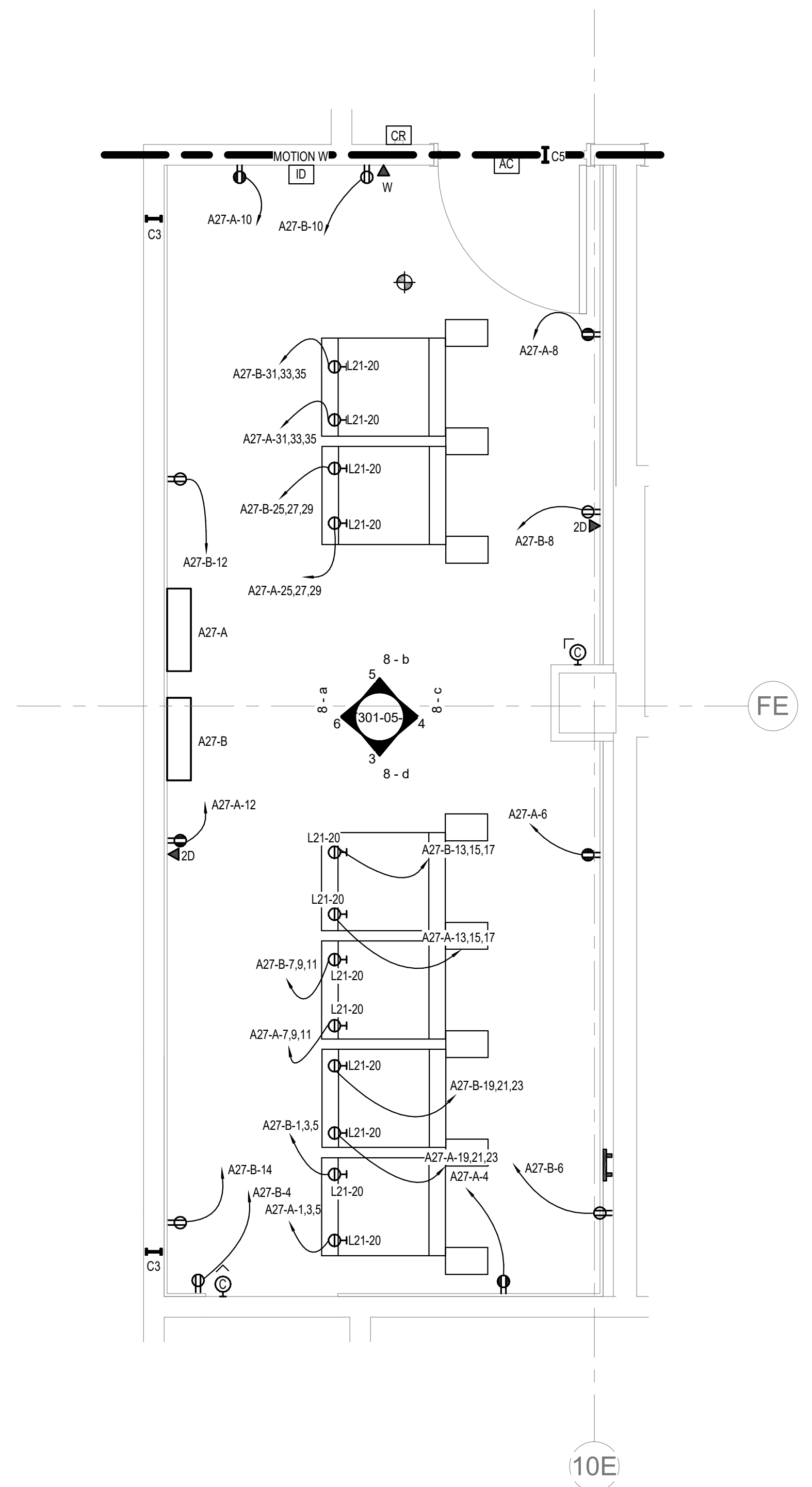
ROOM A27

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 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

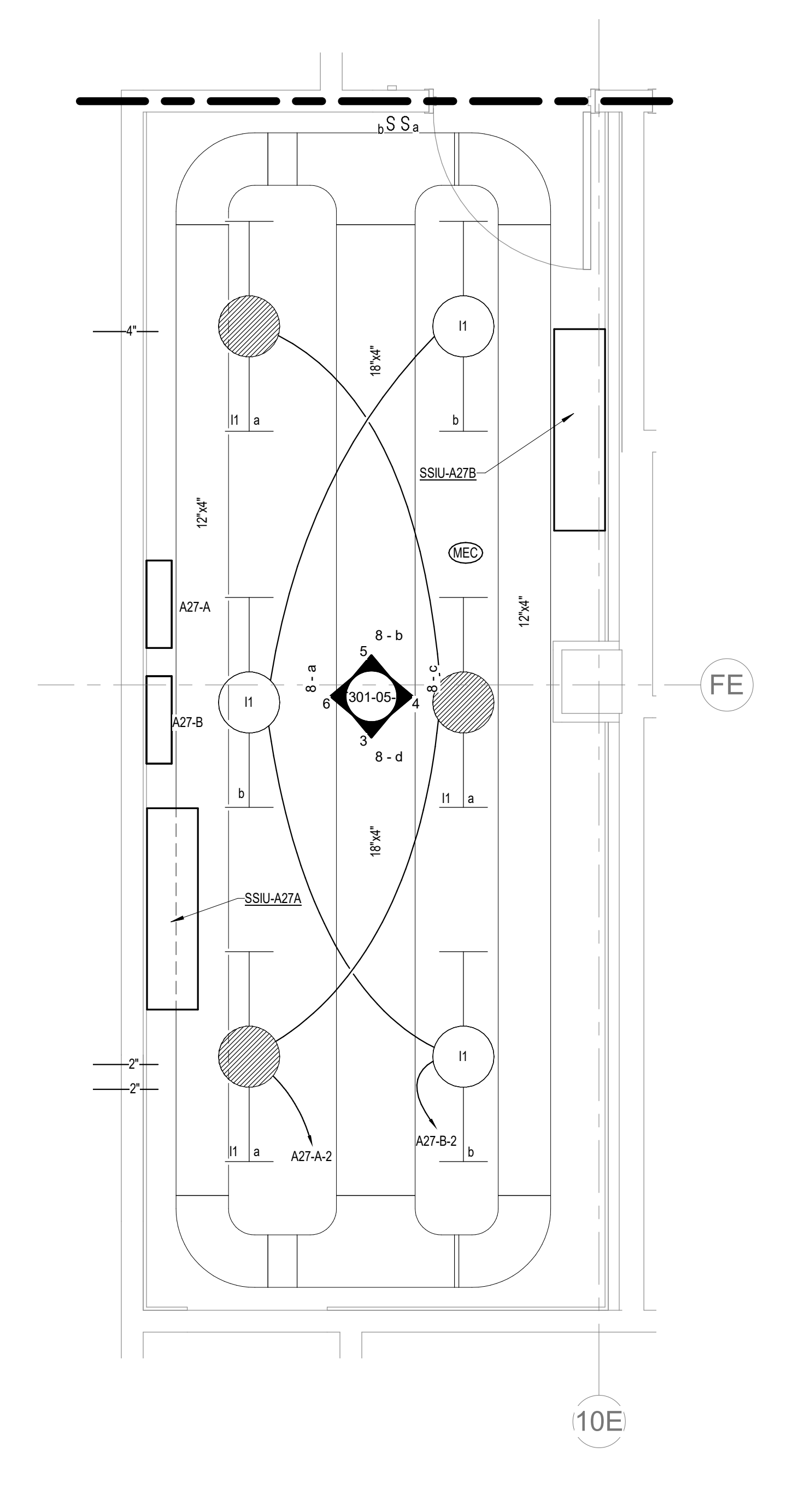
CABLE RELOCATION COUNT
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 DATA (CAT6): +2 FROM ROOM B90
 DATA (CAT6): +155 FROM ROOM A47
 DATA (CAT6): +100 FROM ROOM A87
 DATA (CAT6): +24 FROM ROOM B59
 DATA (CAT6): +174 FROM ROOM 1021
 DATA (CAT6): +81 FROM ROOM B87
 DATA (CAT6): +192 FROM ROOM B90
 DATA (CAT6): +5 FROM ROOM A47
 DATA (CAT6): +132 FROM ROOM B59
 VIDEO: +1 FROM ROOM B59
 VIDEO: +1 FROM ROOM B59
 VIDEO: +1 FROM ROOM 1021
 PATIENT MONITORING: +17 FROM ROOM B87
 COMMERCIAL WIRELESS: +1 FROM ROOM B90
 COMMERCIAL WIRELESS: +2 FROM ROOM B59

EXISTING CABLE TO REMAIN
 DATA (CAT6): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

FINAL CABLE COUNT
 DATA (CAT6): 97
 VIDEO: 3
 PATIENT MONITORING: 57
 COMMERCIAL WIRELESS: 3



2 ENLARGED ROOM A27 - BUILDING 05 - POWER & DATA
 1/2" = 1'-0" 1:24



1 ENLARGED ROOM A27 - BUILDING 05 - LIGHTING & CABLE TRAY
 1/2" = 1'-0" 1:24

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Revisions:	Date:

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BICSI ID # 346555
EXPIRES 12-31-23
REGISTERED COMMUNICATIONS DISTRIBUTION

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U.S. Department of Veterans Affairs

Drawing Title
ENLARGED ROOM A27

Approved:

Phase
BID DOCUMENTS

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Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

Checked
KSB

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Project Number
438-20-910

Building Number
5

Drawing Number
T301-05-C

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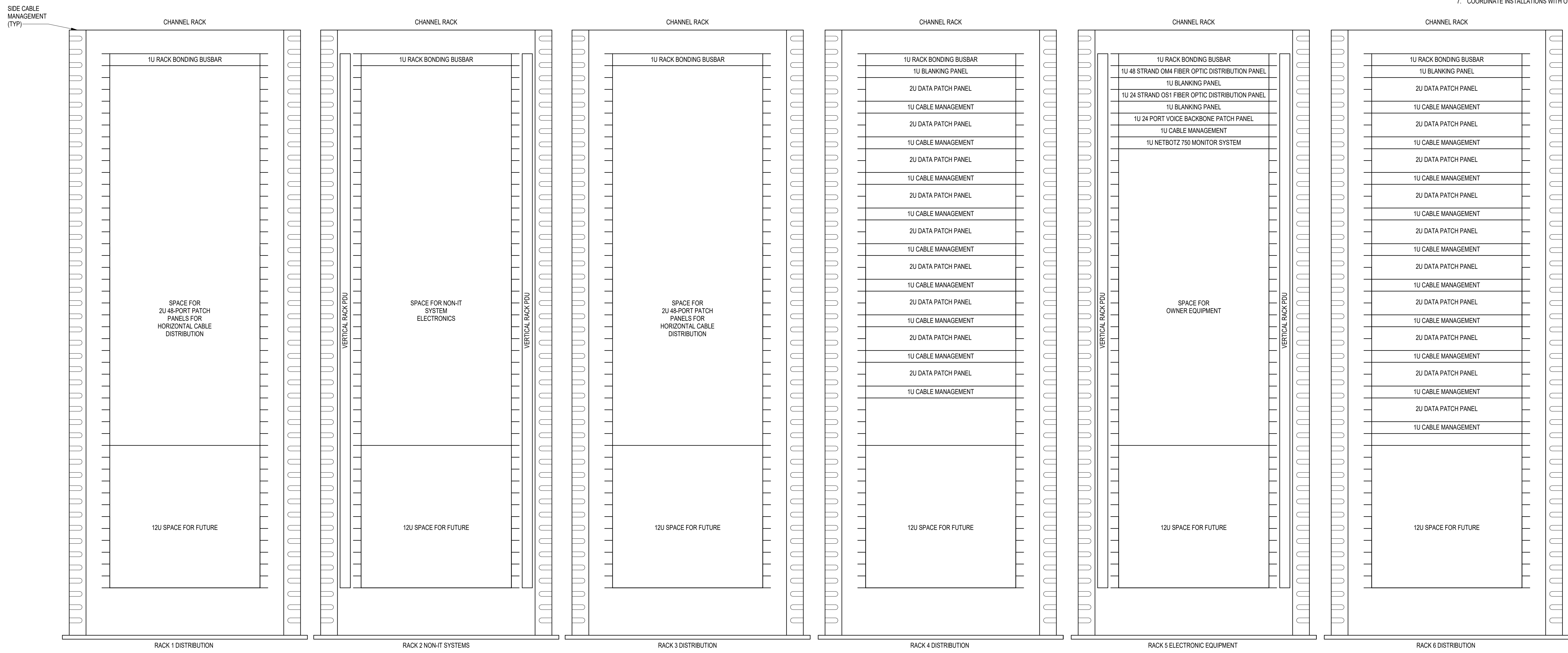
C

D

E

F

- NOTES:
- COORDINATE FINAL RACK LAYOUT WITH OWNER'S ISIT REPRESENTATIVE.
 - PROVIDE COMPONENTS NOT LISTED 'BY OWNER'.
 - SEE SPECIFICATION FOR ADDITIONAL RACK COMPONENTS.
 - COORDINATE EXACT RACK LOCATION WITH OWNER PRIOR TO PERMANENT INSTALLATION.
 - REFER TO NEW WORK PLAN FOR RACK LOCATIONS.
 - CONTRACTOR IS RESPONSIBLE FOR FINAL DEVICE COUNT AND QUANTITY OF PATCH PANELS, SWITCHES, FIBER ENCLOSURES, AND CABLE MANAGEMENT REQUIRED.
 - COORDINATE INSTALLATIONS WITH OWNER'S ISIT REPRESENTATIVE.



1 RACK ELEVATION - ROOM A27
NO SCALE

7/16/2021 4:35:20 PM
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Revisions:	Date:

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ANDERSON

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Anderson Engineering of Minnesota, LLC | Proj # 16090

STAMP

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title
ENLARGED ROOM A27

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

Checked
KSB

Drawn
NMT

Project Number
438-20-910

Building Number
5

Drawing Number
T302-05-C

A

B

C

D

E

F

LIGHTING PANEL: A27-B

LOCATION: TELECOM A27
SUPPLY FROM: B1
BRANCH: NORMAL
SERVICE RATED: No
MOUNTING: SURFACE
NEMA ENCLOSURE: 1
VOLTS: 208/120 WYE
PHASES: 3
WIRES: 4
INTEGRAL SPD: Yes
AVAILABLE SCC (KA): 2.1
MAINS TYPE: MCB
MCB/MLO RATING: 200 A
MCB OPTIONS: NONE
SECTIONS: 1
PANEL POLES: 42

Table with columns: C., CIRCUIT DESCRIPTION, OPT, RATI., POL., A, B, C, POL., RATI., OPT, CIRCUIT DESCRIPTION, C.. Rows include PWR-C TELECOMM A27 - RACK RECEPTACLE, LTG TELECOMM A27, REC TELECOMM A27, SSIIU-A27B/SSOU-A27B, and SPARE.

LOAD CLASSIFICATION table with columns: CONNECTED LOAD, DEMAND FACTOR, ESTIMATED DEMAND, PANEL TOTALS. Includes rows for LTG, REC, MTR, PWR-NC and summary rows for TOTAL LOAD, DEMAND CURRENT, and SPARE CAPACITY.

OPTIONS:
CIRCUIT BREAKER OPTIONS SUFFIX: 'S' OR 'ST' - PROVIDE SHUNT TRIP CIRCUIT BREAKER / 'G' OR 'GFCI' - PROVIDE GFCI CIRCUIT BREAKER / 'GFP' - PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSF' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS / 'R' - PROVIDE CIRCUIT BREAKER WITH RED MARKING
GENERAL REMARKS:
A. PANEL AIC (INTERRUPTING) RATING SHALL BE MINIMUM 120% OF THE AVAILABLE SCC (SHORT CIRCUIT CURRENT).

LIGHTING PANEL: A27-A

LOCATION: TELECOM A27
SUPPLY FROM: A1
BRANCH: CRITICAL
SERVICE RATED: No
MOUNTING: SURFACE
NEMA ENCLOSURE: 1
VOLTS: 208/120 WYE
PHASES: 3
WIRES: 4
INTEGRAL SPD: Yes
AVAILABLE SCC (KA): 2.4
MAINS TYPE: MCB
MCB/MLO RATING: 200 A
MCB OPTIONS: NONE
SECTIONS: 1
PANEL POLES: 42

Table with columns: C., CIRCUIT DESCRIPTION, OPT, RATI., POL., A, B, C, POL., RATI., OPT, CIRCUIT DESCRIPTION, C.. Rows include PWR-C TELECOMM A27 - RACK RECEPTACLE, LTG TELECOMM A27, REC TELECOMM A27, SSIIU-A27A/SSOU-A27A, and SPARE.

LOAD CLASSIFICATION table with columns: CONNECTED LOAD, DEMAND FACTOR, ESTIMATED DEMAND, PANEL TOTALS. Includes rows for LTG, REC, MTR, PWR-NC and summary rows for TOTAL LOAD, DEMAND CURRENT, and SPARE CAPACITY.

OPTIONS:
CIRCUIT BREAKER OPTIONS SUFFIX: 'S' OR 'ST' - PROVIDE SHUNT TRIP CIRCUIT BREAKER / 'G' OR 'GFCI' - PROVIDE GFCI CIRCUIT BREAKER / 'GFP' - PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSF' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING PROVISIONS / 'R' - PROVIDE CIRCUIT BREAKER WITH RED MARKING
GENERAL REMARKS:
A. PANEL AIC (INTERRUPTING) RATING SHALL BE MINIMUM 120% OF THE AVAILABLE SCC (SHORT CIRCUIT CURRENT).

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Revisions table with columns: Revisions, Date.

CONSULTANT logo for AST and SES SPECIALIZED ENGINEERING SOLUTIONS.

ARCHITECT/ENGINEER OF RECORD logo for ANDERSON.

STAMP: TRACY J. HAUSER, 07/06/2021.

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

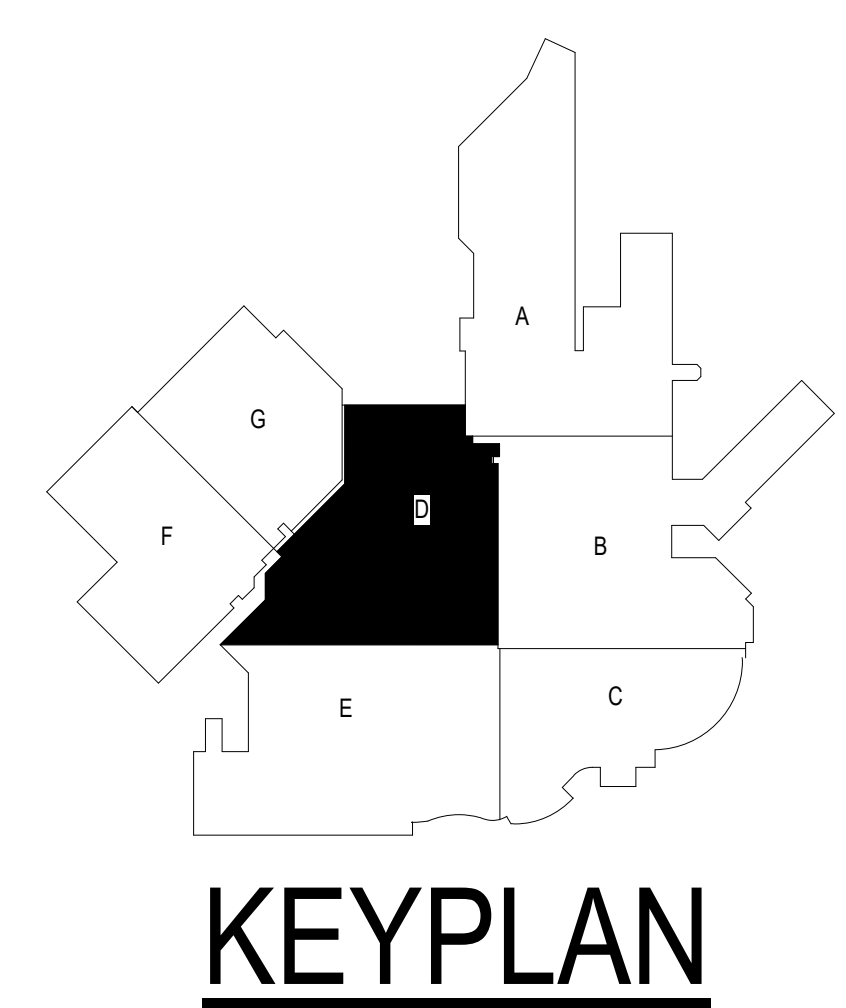
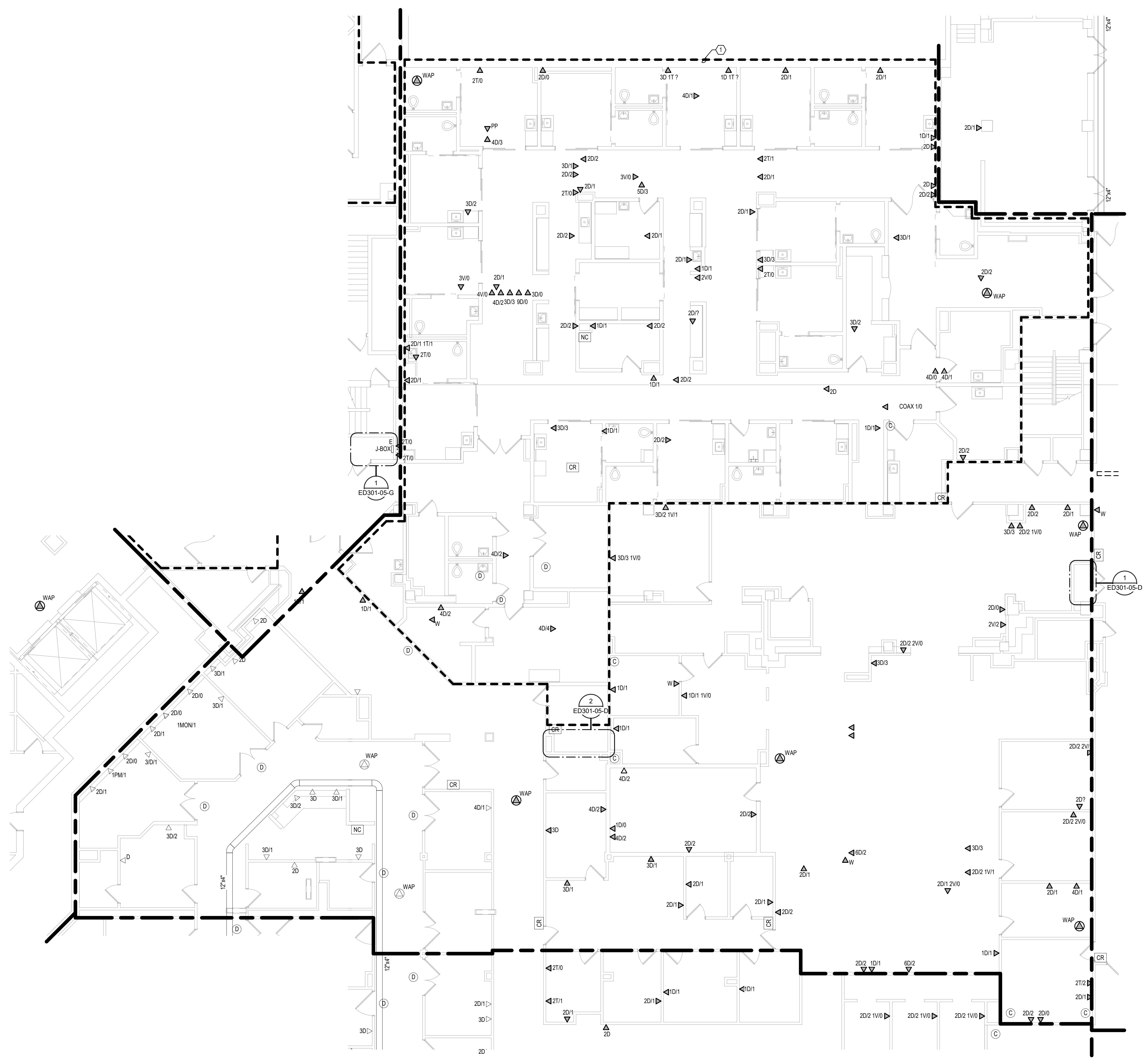
Drawing Title: PANEL SCHEDULES - BUILDING 5 - GROUND LEVEL - AREA C. Approved:

Phase: BID DOCUMENTS, FULLY SPRINKLERED.

Project Title: VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES. Location: Sioux Falls, SD. Issue Date: 07/06/2021. Checked: KSB, Drawn: NMT.

Project Number: 438-20-910. Building Number: 5. Drawing Number: EE401-05-C.

SHEET NOTES:
 1. AREA TO BE RENOVATED UNDER SEPARATE PROJECT. NO RE-CABLING IS ANTICIPATED UNDER THIS PROJECT. COORDINATE EXTENT OF WORK REQUIRED WITH VA.



1 GROUND LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA D
 1/8" = 1'-0"

1:96
 0' 6" 12"

Revisions:	Date:

CONSULTANT



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Office of Construction and Facilities Management



Drawing Title
 GROUND LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA D

Approved:

Phase
 BID DOCUMENTS

FULLY SPRINKLERED

Project Title
 VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
 Sioux Falls, SD

Issue Date
 07/06/2021

Checked
 KSB

Drawn
 NMT

Project Number
 438-20-910

Building Number
 5

Drawing Number
 ED101-05-D

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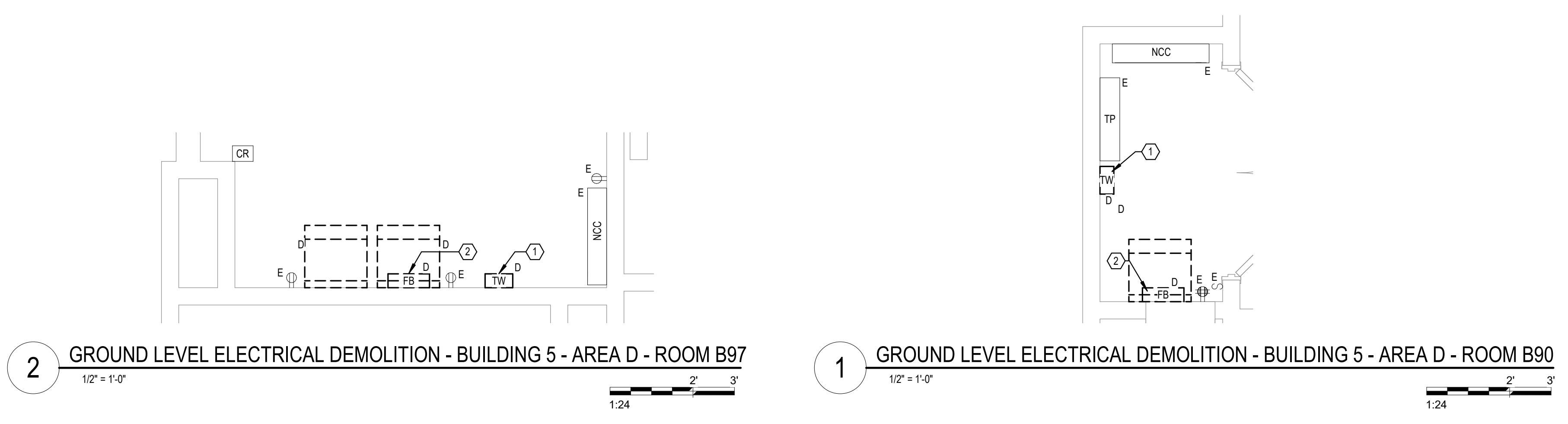
CABLING NOTES:

A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT. REMOVE ALL UNUSED CABLING AT THE COMPLETION OF THE PROJECT.

1. ROOM B90
 - EXISTING CABLE COUNT
 - DATA (CAT5): 72
 - DATA (CAT5): 192
 - VIDEO: 0
 - PATIENT MONITORING: 0
 - COMMERCIAL WIRELESS: 1
 - CABLE RELOCATION COUNT
 - DATA (CAT5): -72 TO ROOM A27
 - DATA (CAT5): -192 TO ROOM A27
 - VIDEO: 0
 - PATIENT MONITORING: 0
 - COMMERCIAL WIRELESS: -1 TO ROOM A27
 - EXISTING CABLE TO REMAIN
 - DATA (CAT5): 0
 - VIDEO: 0
 - PATIENT MONITORING: 0
 - COMMERCIAL WIRELESS: 0
 - FINAL CABLE COUNT
 - DATA (CAT5): 0
 - VIDEO: 0
 - PATIENT MONITORING: 0
 - COMMERCIAL WIRELESS: 0
2. ROOM B97
 - EXISTING CABLE COUNT
 - DATA (CAT5): 100
 - DATA (CAT5): 163
 - VIDEO: 2
 - PATIENT MONITORING: 115
 - COMMERCIAL WIRELESS: 2
 - CABLE RELOCATION COUNT
 - DATA (CAT5): -52 TO ROOM A27
 - DATA (CAT5): -48 TO ROOM H1
 - DATA (CAT5): -81 TO ROOM A27
 - DATA (CAT5): -82 TO ROOM H1
 - VIDEO: -1 TO ROOM A27
 - VIDEO: -1 TO ROOM H1
 - PATIENT MONITORING: -57 TO ROOM A27
 - PATIENT MONITORING: -58 TO ROOM H1
 - COMMERCIAL WIRELESS: -2 TO ROOM A27
 - EXISTING CABLE TO REMAIN
 - DATA (CAT5): 0
 - VIDEO: 0
 - PATIENT MONITORING: 0
 - COMMERCIAL WIRELESS: 0
 - FINAL CABLE COUNT
 - DATA (CAT5): 0
 - VIDEO: 0
 - PATIENT MONITORING: 0
 - COMMERCIAL WIRELESS: 0

SHEET NOTES:

1. EXISTING TELEPHONE WALL FIELD TO BE DEMOLISHED. NEW COPPER BACKBONE TO BE PROVIDED ON PATCH PANELS IN TELECOMMUNICATIONS RACK. REFER TO CABLING NOTES AND NEW WORK PLANS FOR ADDITIONAL REQUIREMENTS.
2. EXISTING FIBER ENCLOSURE TO BE DEMOLISHED. NEW FIBER BACKBONE TO BE TERMINATED IN NEW TELECOMMUNICATIONS RACK. REFER TO CABLING NOTES AND NEW WORK PLANS FOR ADDITIONAL REQUIREMENTS.



2 GROUND LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - AREA D - ROOM B97
1/2" = 1'-0"

1 GROUND LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - AREA D - ROOM B90
1/2" = 1'-0"

Revisions:	Date:


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Nathan Timm
BICSI ID # 346555
EXPIRES 12-31-22
RCO

Office of Construction and Facilities Management



U.S. Department of Veterans Affairs

Drawing Title

GROUND LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - ENLARGED ROOMS - AREA D

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

VA MC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location

Sioux Falls, SD

Issue Date

07/06/2021

Checked

KSB

Drawn

NMT

Project Number

438-20-910

Building Number

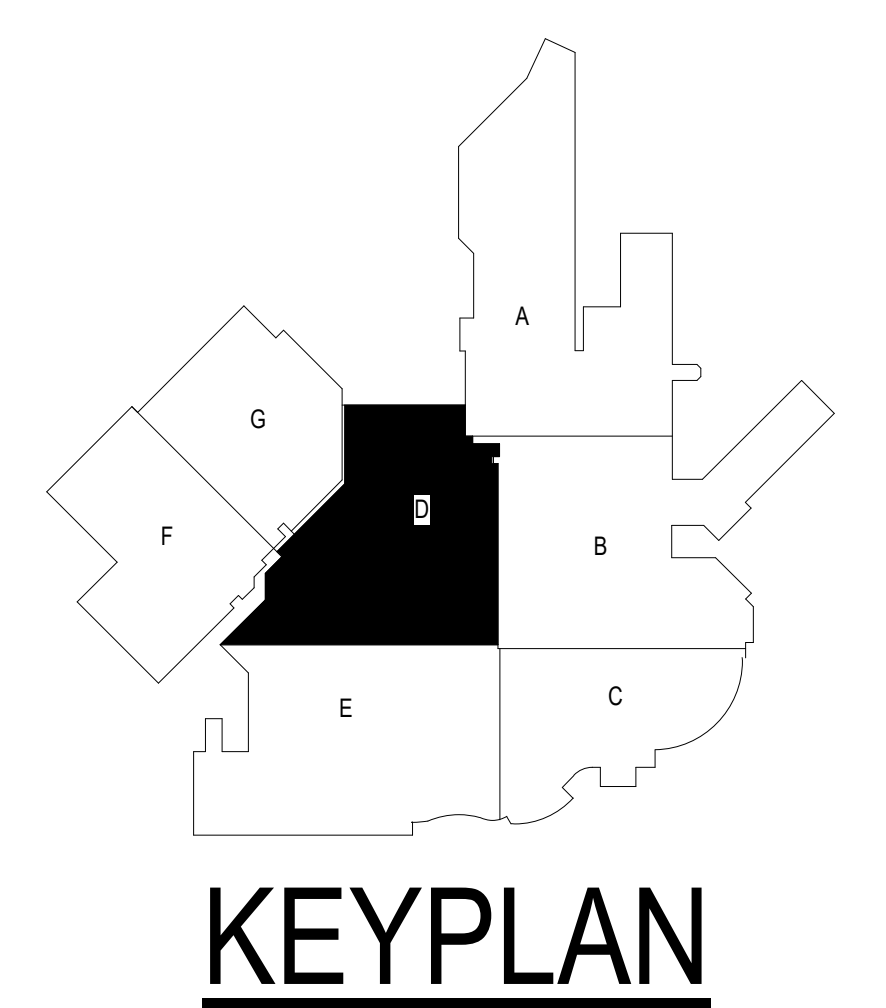
5

Drawing Number

ED301-05-D

SHEET NOTES:
 1. AREA TO BE RENOVATED UNDER SEPARATE PROJECT. NO REBARCING IS ANTICIPATED UNDER THIS PROJECT. COORDINATE EXTENT OF WORK REQUIRED WITH VA.

1 GROUND LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 5 - AREA D
 1/8" = 1'-0"



INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.
 INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER.

Revisions:	Date:

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Bicsi
 Nathan Timm
 BICSI ID # 346555
 EXPIRES 12-31-23
 REGISTERED COMMUNICATIONS DISTRIBUTION

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

Drawing Title
 GROUND LEVEL LOW VOLTAGE PLAN - BUILDING 5 - AREA D

Approved:

Phase
 BID DOCUMENTS

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Project Title
 VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
 Sioux Falls, SD

Issue Date
 07/06/2021

Checked
 KSB

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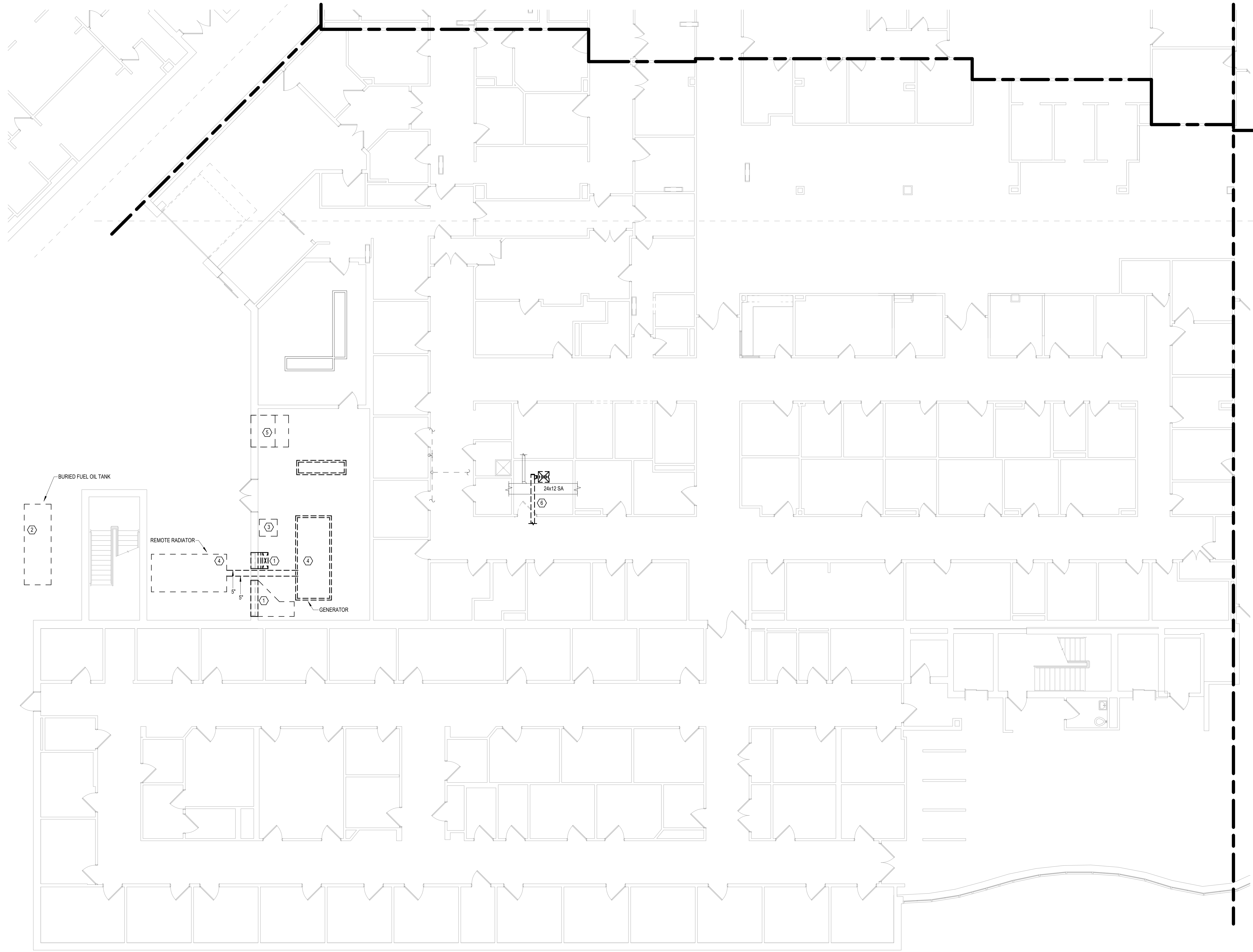
Project Number
 438-20-910

Building Number
 5

Drawing Number
 TN101-05-D

- GENERAL NOTES:**
- COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
 - ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
 - UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
 - THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

- SHEET NOTES:**
- DEMOLISH TWO LOUVERS, ASSOCIATED DAMPERS, DUCTWORK, AND ALL OTHER APPURTENANCES. REFER TO ARCHITECTURAL DRAWINGS FOR EXTERIOR WALL INFILL.
 - REMOVE FUEL INSIDE BURIED FUEL OIL TANK AND PLACE IN BOILER PLANT FUEL STORAGE TANK. COORDINATE WORK WITH COR. REMOVE BURIED 4,000 GALLON EXTERNAL FUEL OIL TANK AND ASSOCIATED PIPING. EXACT POSITION OF TANK UNKNOWN.
 - DEMOLISH FUEL OIL DAY TANK AND ASSOCIATED PIPING. DISPOSE OF FUEL INSIDE DAY TANK.
 - DEMOLISH REMOTE RADIATOR AND ASSOCIATED PIPING ALONG WITH GENERATOR TO BE REMOVED. PATCH AND REPAIR PENETRATIONS THROUGH EXTERIOR WALL FROM RADIATOR PIPING AND EXHAUST. ELEVATED CONCRETE PAD TO REMAIN.
 - DEMOLISH TWO PROPELLER TYPE FANS, ASSOCIATED LOUVERS, AND ALL OTHER APPURTENANCES. PATCH AND REPAIR OPENING.
 - DEMOLISH EXISTING SUPPLY AIR DUCT AND DIFFUSER BACK TO MAIN AND CAP.



1 GROUND LEVEL MECHANICAL DEMOLITION PLAN - BUILDING 5 - AREA E
1/8" = 1'-0"

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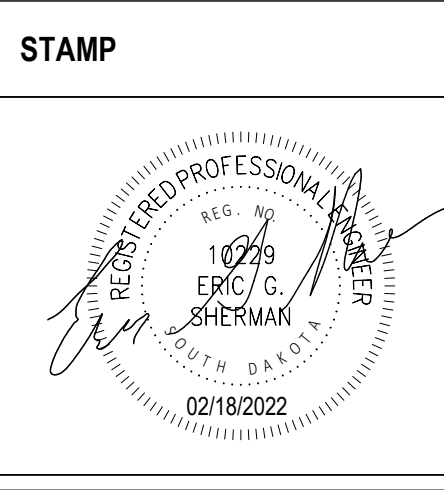

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U.S. Department of Veterans Affairs

Drawing Title
GROUND LEVEL MECHANICAL DEMOLITION PLAN - BUILDING 5 - AREA E

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
02/18/2022

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EGS

Drawn
PHV

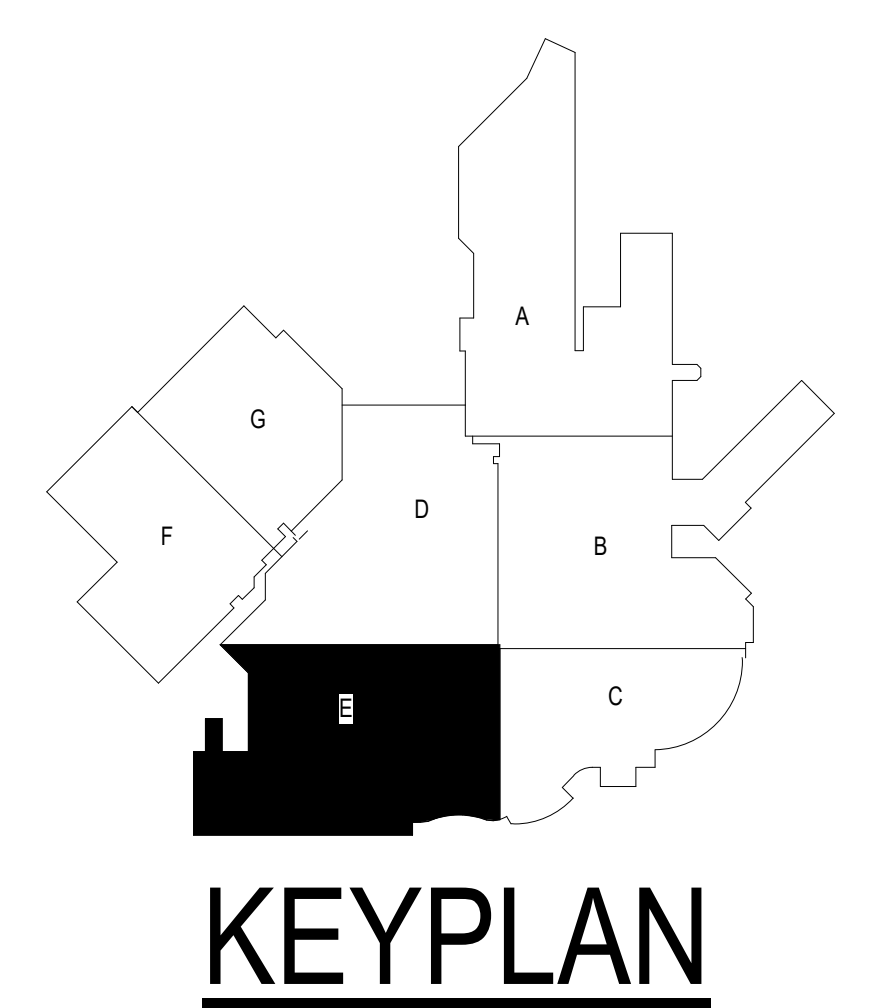
Project Number
438-20-910

Building Number

Drawing Number
MD101-05-E

A
B
C
D
E
F

- GENERAL NOTES:**
- COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
 - ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
 - UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
 - THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.



1 GROUND LEVEL DUCTWORK PLAN - BUILDING 5 - AREA E
1/8" = 1'-0"

1/8" = 1'-0"
1/16" = 1'-0"

Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
GROUND LEVEL DUCTWORK PLAN - BUILDING 5 - AREA E

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

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EGS

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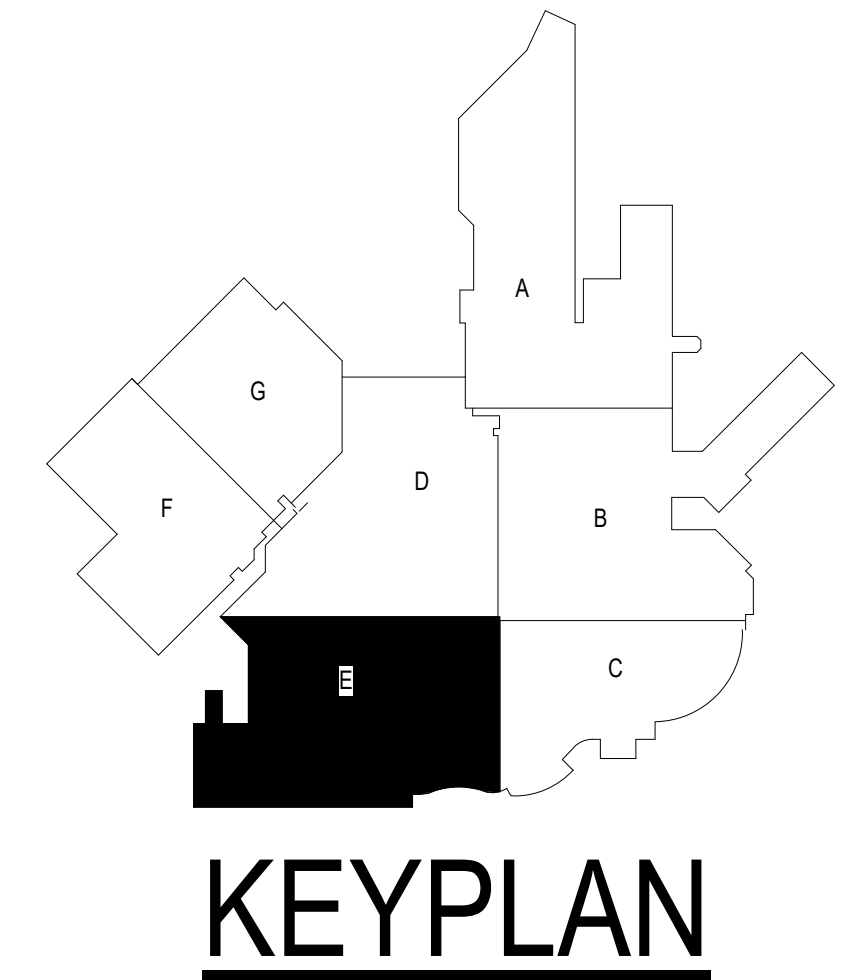
Project Number
438-20-910

Building Number
5

Drawing Number
MH101-05-E

- GENERAL NOTES:**
- COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
 - ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
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- SHEET NOTES:**
- ROUTE CONDENSATE FROM INDOOR SPLIT SYSTEMS TO DISCHARGE INDIRECTLY INTO VENT PIPING FROM LAVATORY IN EXAM B29. REFER TO DETAIL 8 ON SHEET ME300.
 - INSTALL CONDENSING UNITS ON EXISTING ELEVATED CONCRETE PAD. ROUTE REFRIGERANT PIPING OVER EXTERIOR DOOR DROP DOWN ALONG WALL TO MINIMIZE PIPING ON THE GROUND BEFORE CONNECTING TO CONDENSERS.
 - INSTALL THERMOSTAT NEXT TO EXISTING THERMOSTAT CONTROLLING EXISTING UNIT HEATER.



1 GROUND LEVEL PIPING PLAN - BUILDING 5 - AREA E
1/8" = 1'-0"

1/8" = 1'-0"
1/96"

Revisions:	Date:

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				Approved:	FULLY SPRINKLERED	Location Sioux Falls, SD	Building Number 5
				Issue Date 11/29/2021	Checked EGS	Drawn PHV	Drawing Number MP101-05-E