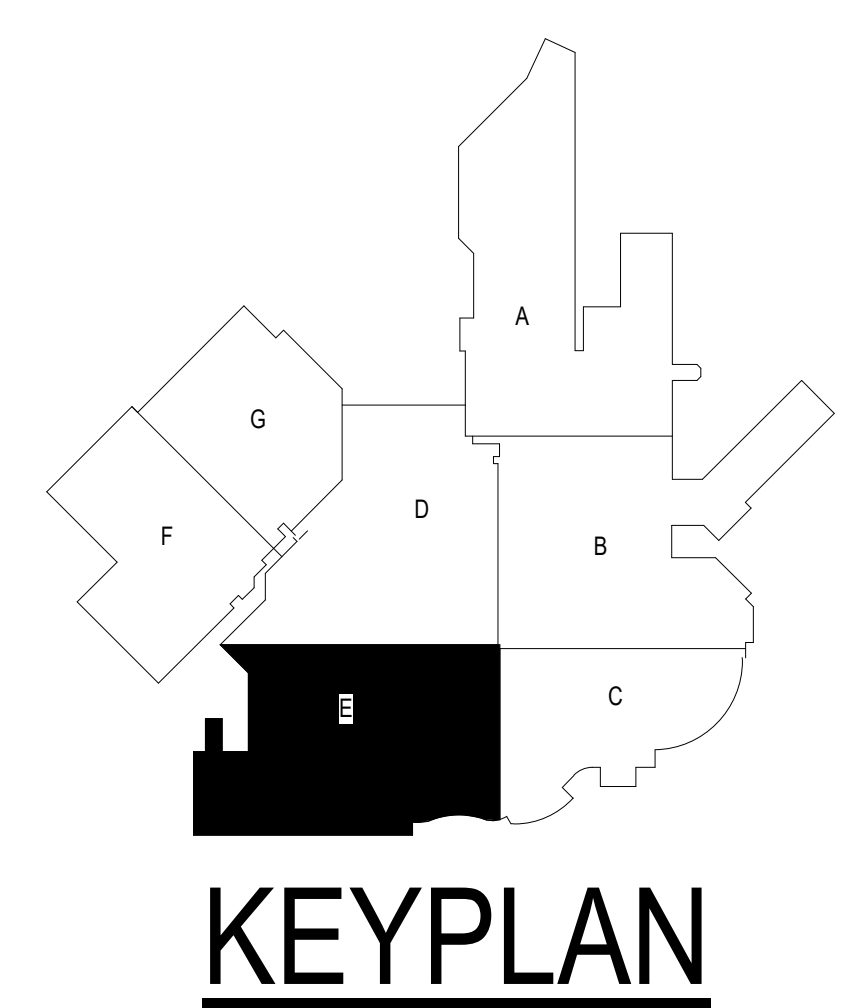
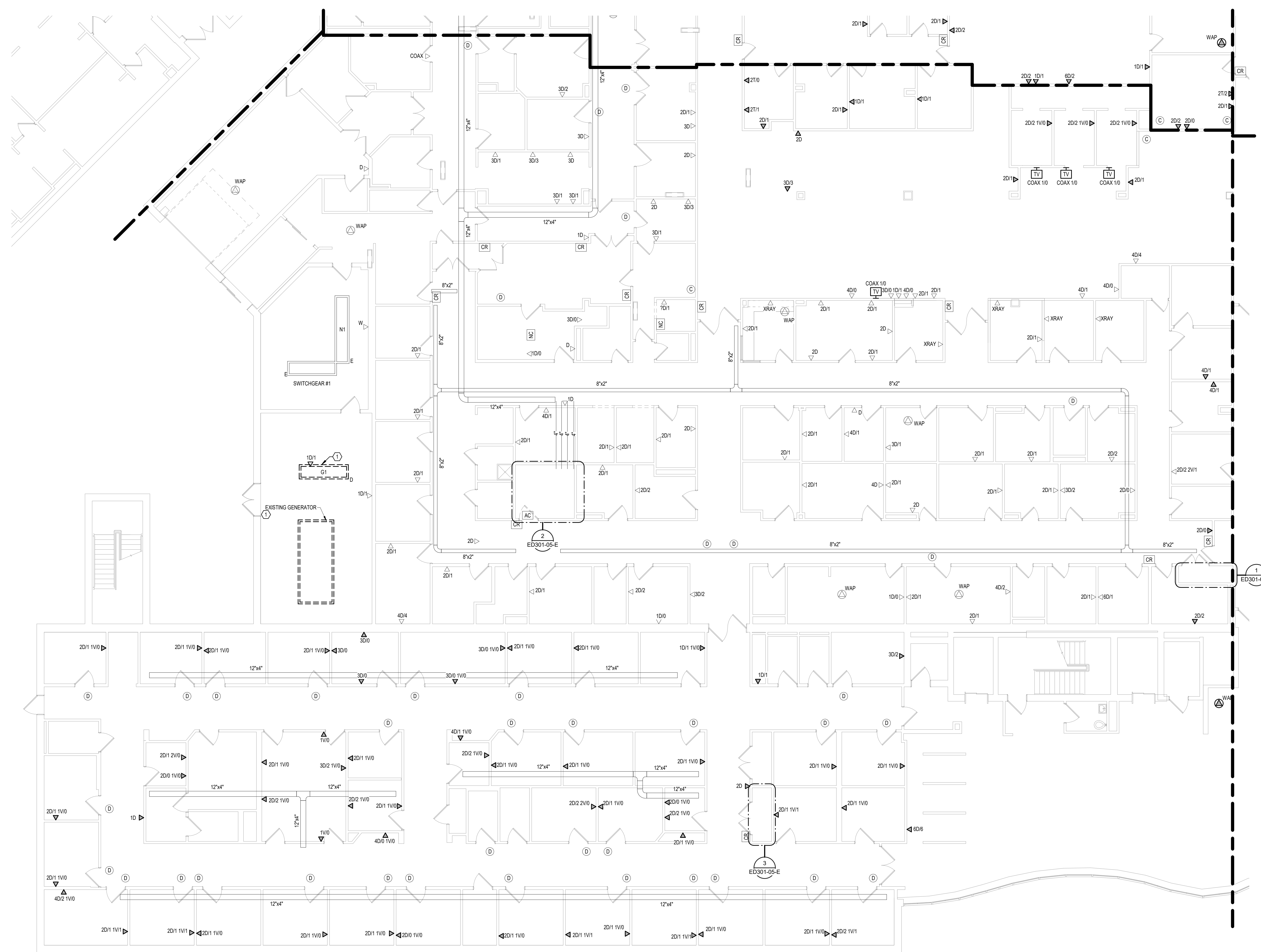
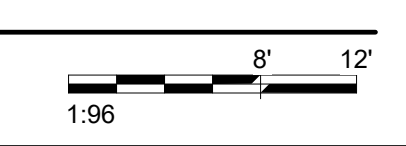


SHEET NOTES:
 1. REFER TO PHASING NOTES LOCATED ON SHEET EE00 FOR INFORMATION REGARDING PHASING OF DEMOLITION AND INSTALLATION OF NEW GENERATOR SWITCHBOARD AND DEMOLISHED GENERATOR.



1 GROUND LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA E
 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 Nathan Timm BICSI ID # 346555 EXPIRES 12-31-23	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title GROUND LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA E Approved:	Phase BID DOCUMENTS FULLY SPRINKLERED	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910
						Location Sioux Falls, SD	Issue Date 07/06/2021

A
B
C
D
E
F

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 B59

EXISTING CABLE COUNT
DATA (CAT5): 48
DATA (CAT5): 264
VIDEO: 1
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 4

CABLE RELOCATION COUNT
DATA (CAT5): -24 TO ROOM A27
DATA (CAT5): -24 TO ROOM B23
DATA (CAT5): -132 TO ROOM A27
DATA (CAT5): -132 TO ROOM B23
VIDEO: -1 TO ROOM A27
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: -2 TO ROOM A27
COMMERCIAL WIRELESS: -2 TO ROOM B23

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 B23

EXISTING CABLE COUNT
DATA (CAT5): 195
DATA (CAT5): 22
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0

CABLE RELOCATION COUNT
DATA (CAT5): +24 FROM ROOM B59
DATA (CAT5): +56 FROM ROOM F58
DATA (CAT5): +184 FROM ROOM B59
DATA (CAT5): +184 FROM ROOM F58
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: +2 FROM ROOM B59

EXISTING CABLE TO REMAIN
DATA (CAT5): 195
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0

FINAL CABLE COUNT
DATA (CAT5): 613
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 2

3. ROOM F58

EXISTING CABLE COUNT
DATA (CAT5): 56
DATA (CAT5): 184
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0

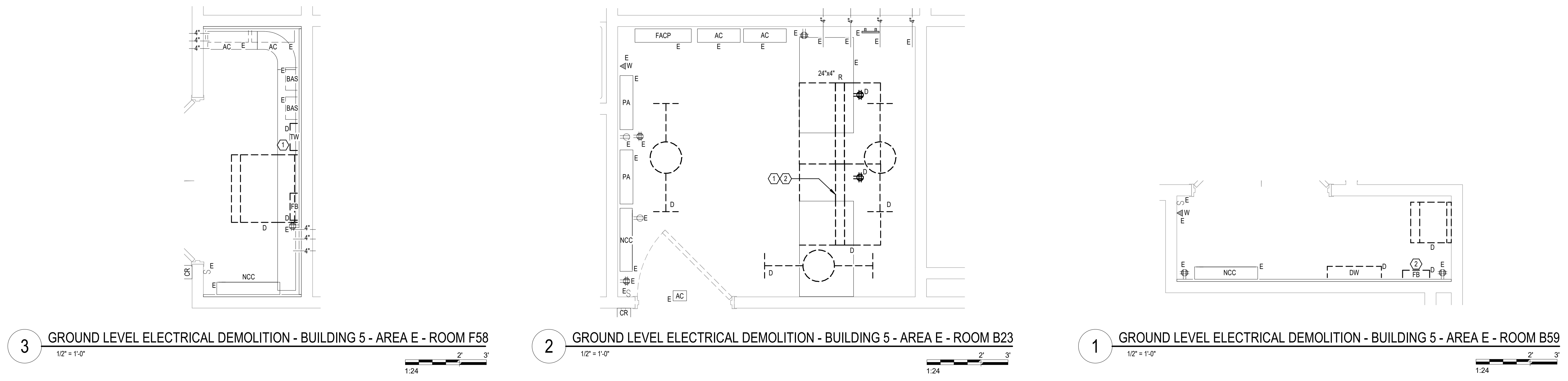
CABLE RELOCATION COUNT
DATA (CAT5): -56 TO ROOM B23
DATA (CAT5): -184 TO ROOM B23
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0

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

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.



Revisions:	Date:

CONSULTANT

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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
GROUND LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - ENLARGED ROOMS - 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

Checked
KSB

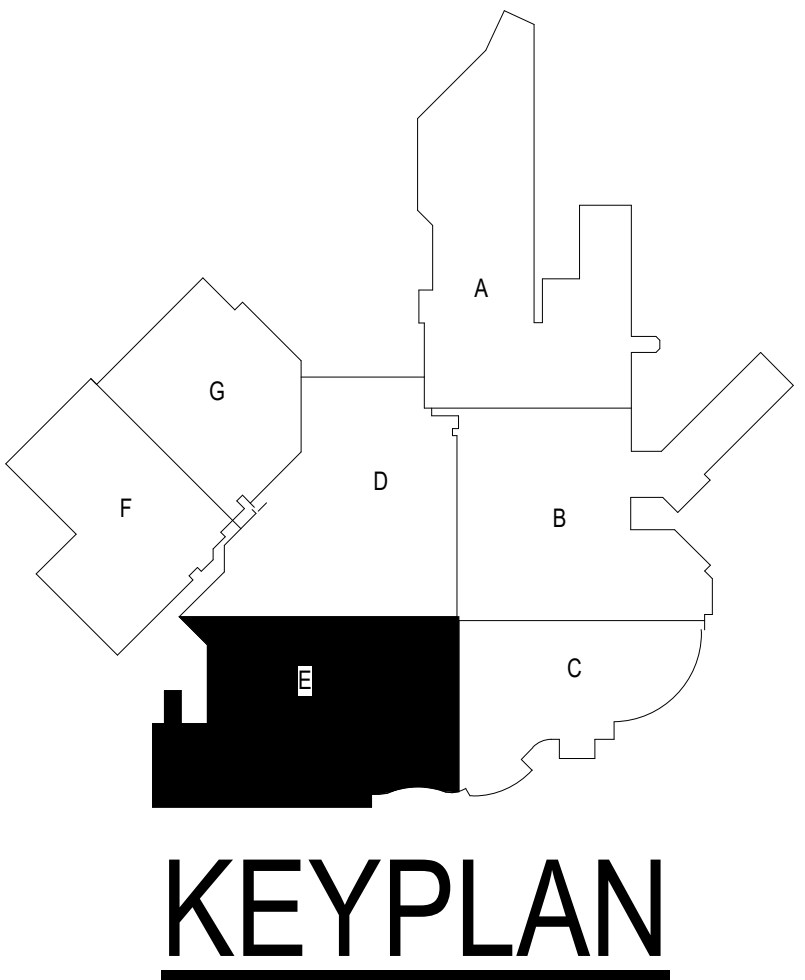
Drawn
NMT

Project Number
438-20-910

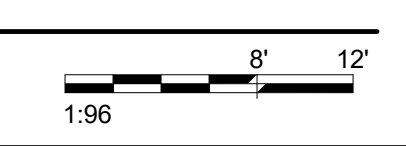
Building Number
5

Drawing Number
ED301-05-E

- SHEET NOTES:**
1. PROVIDE NEW 1200A, 3-POLE, GFPE CIRCUIT BREAKER IN EXISTING SWITCHGEAR #1 TO FEED NEW A SIDE SWITCHBOARD. SWITCHGEAR #1 IS A SQUARE D QED2, 65KAC SWITCHBOARD.
 2. PROVIDE THREE NEW 400A, 3-POLE, GFPE CIRCUIT BREAKERS IN EXISTING SWITCHGEAR #1 TO FEED UPS BYPASS CIRCUITS. SWITCHGEAR #1 IS A SQUARE D QED2, 65KAC SWITCHBOARD.
 3. REFER TO PHASING NOTES LOCATED ON SHEET E200 FOR INFORMATION REGARDING PHASING OF DEMOLITION AND INSTALLATION OF NEW GENERATOR SWITCHBOARD AND DEMOLISHED GENERATOR.
 4. EQUIPMENT INDICATED SHALL BE FOR FUTURE (NOT IN CONTRACT). CONTRACTOR SHALL PROVIDE SPACE TO ACCOMMODATE SECTIONS IN THE FUTURE.
 5. PROVIDE #30 COPPER BONDING CONDUCTOR FROM GROUND BAR TO GROUNDING ELECTRODE CONDUCTOR IN SWITCHGEAR #1.
 6. PROVIDE EATON 3SPM 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.
 7. ABOVE CEILING SPACE IS EXTREMELY LIMITED IN THIS AREA. UTILIZE J-HOOKS OR OTHER SIMILAR SUPPORT METHODS FOR CABLEING IN THIS AREA.
 8. SAW CUT FLOOR SLAB AS REQUIRED TO ACCOMMODATE GENERATOR FEED CONDUITS FROM BUILDING 50. PROVIDE (3) 4" CONDUITS TO NEW SWITCHBOARD MAIN SECTION FOR CONDUCTORS INSTALLED UNDER THIS CONTRACT.
 9. REFER TO CIVIL PLANS FOR DUCTBANK CONTINUATION.
 10. PROVIDE (5) 4" CONDUITS FOR FUTURE SWITCHBOARD MAIN-TO-MAIN EXPANSION. STUB CONDUITS INTO BUILDING AND CAP FOR FUTURE USE.
 11. PROVIDE (2) 4" CONDUITS, ONE FOR ATS-GENERATOR CONTROLS CABING AND ONE SPARE. PROVIDE 1/2 STRAND SINGLE MODE FIBER OPTIC CABLE FROM RELOCATED ATS CONTROLLER TO BUILDING 50 AT-GENERATOR CONTROLLER.
 12. CIRCUIT TO NEAREST AVAILABLE RECEPTACLE CIRCUIT.



1 GROUND LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 5 - AREA E
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.

BIM 360/202535.002 - VA Sioux Falls EHRM202535.002 - VA Sioux Falls EHRM LSES - 2018.rvt
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 VA FORM 08 - 6231

Revisions:	Date:


CONSULTANT




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STAMP



Bicsi
Nathan Timm
BICSI ID # 346555
EXPIRES 12-31-23
1/12/2021
RCO

Office of Construction and Facilities Management



U.S. Department of Veterans Affairs

Drawing Title
GROUND LEVEL LOW VOLTAGE 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
11/29/2021

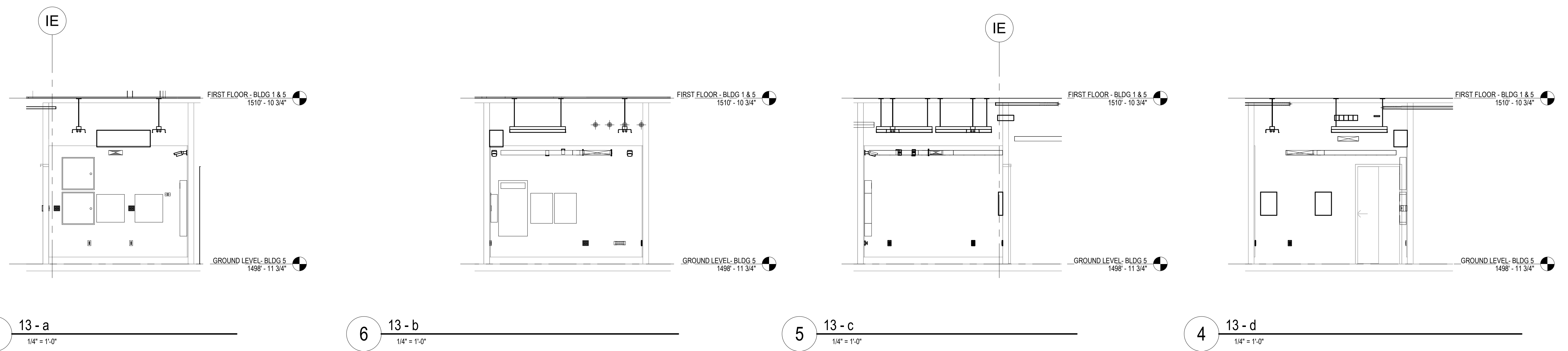
Checked
KSB

Drawn
NMT

Project Number
438-20-910

Building Number
5

Drawing Number
TN101-05-E



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 B23

EXISTING CABLE COUNT
 DATA (CAT5): 195
 DATA (CAT6): 22
 VIDEO: 8
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

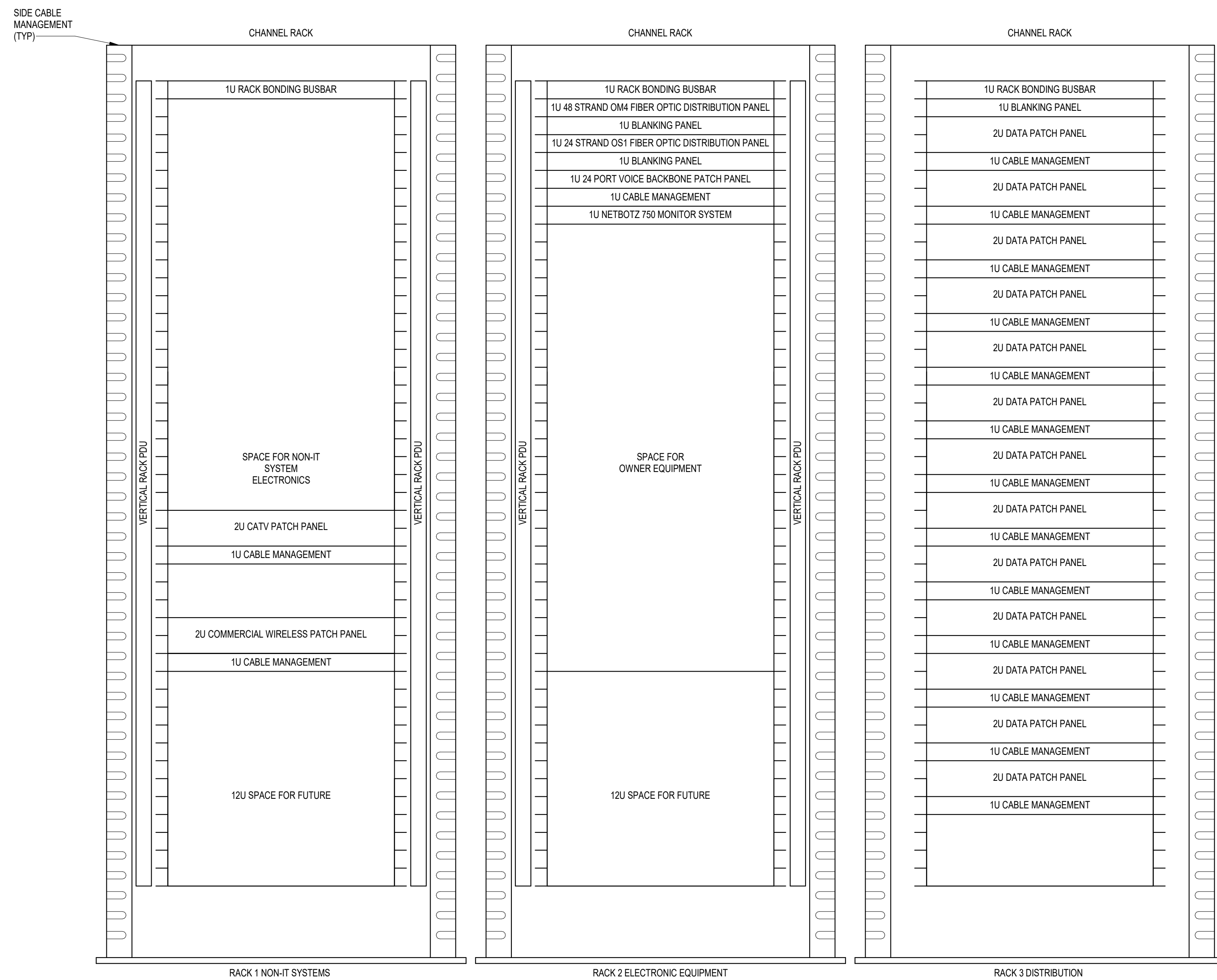
CABLE RELOCATION COUNT
 DATA (CAT5): +24 FROM ROOM B59
 DATA (CAT6): +56 FROM ROOM F58
 DATA (CAT6): +132 FROM ROOM B59
 DATA (CAT6): +104 FROM ROOM F58
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: +2 FROM ROOM B59

EXISTING CABLE TO REMAIN
 DATA (CAT5): 195
 VIDEO: 8
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

FINAL CABLE COUNT
 DATA (CAT5): 195
 DATA (CAT6): 418
 VIDEO: 8
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 2

SHEET NOTES:

1. PROVIDE NEW BONDING CONDUCTOR AS SHOWN ON TELECOMMUNICATIONS ROUTING SCHEMATIC ON SHEET E6000.

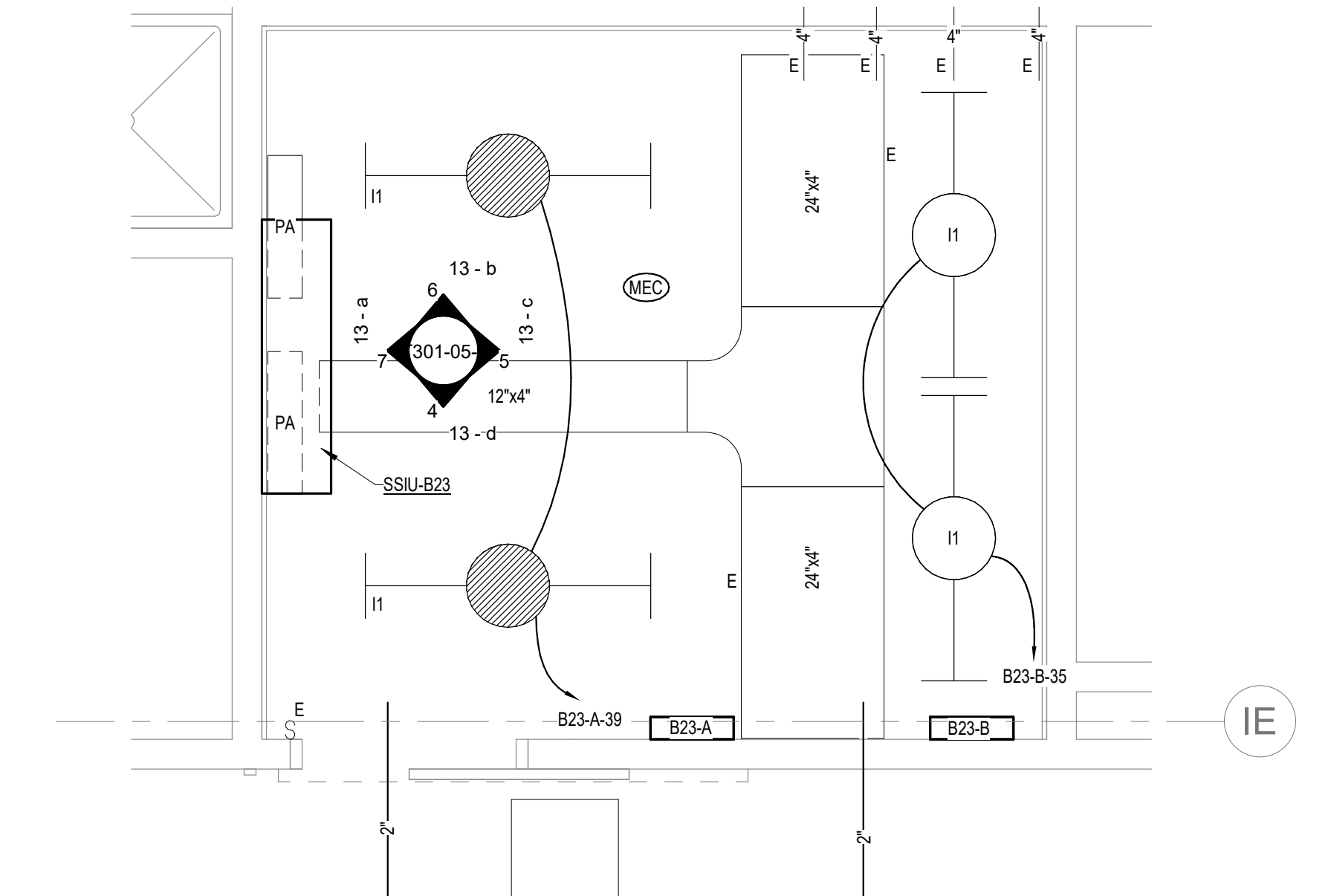
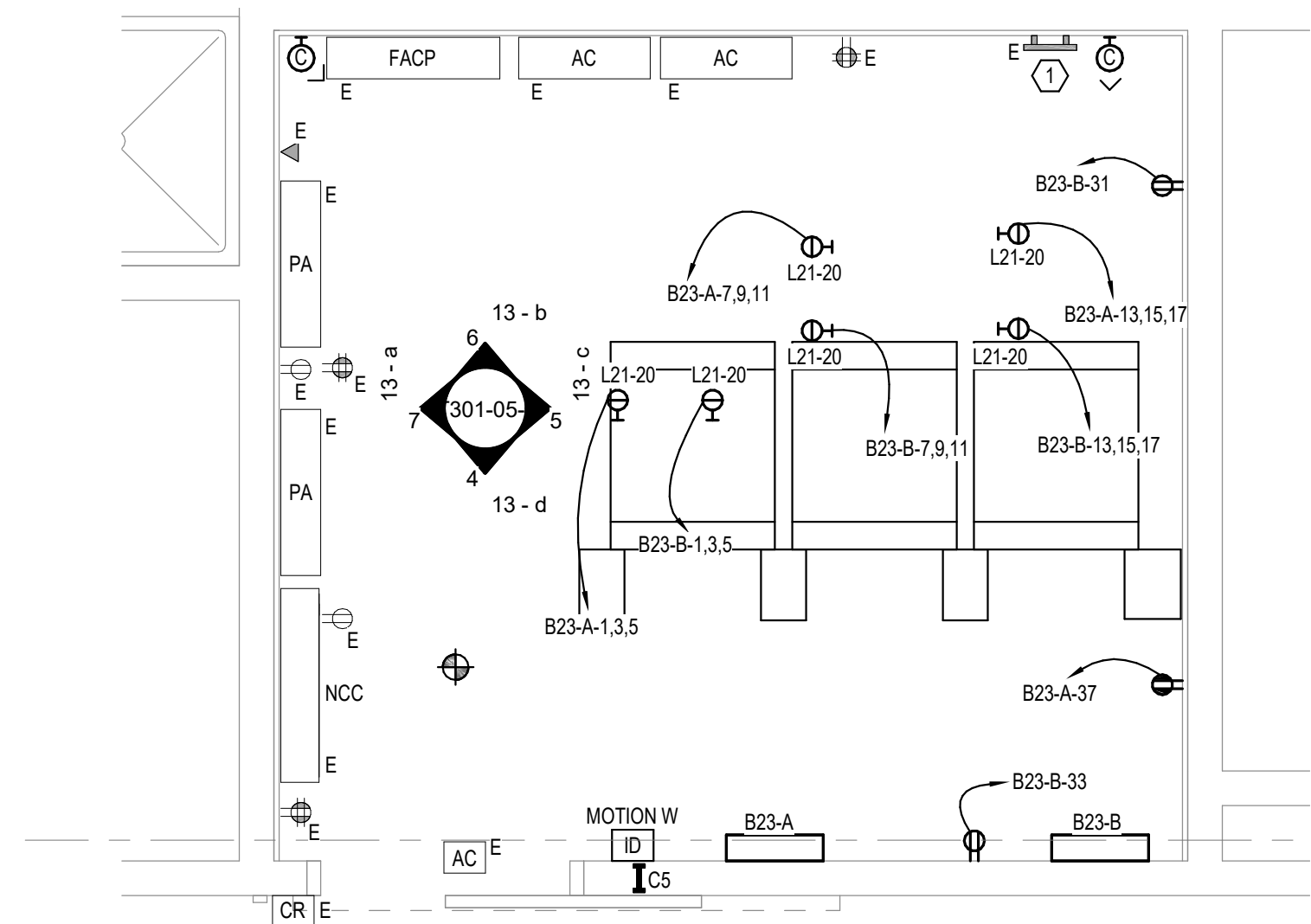


NOTES:

- COORDINATE FINAL RACK LAYOUT WITH OWNERS 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 OWNERS ISIT REPRESENTATIVE.

3 RACK ELEVATION - ROOM B23

NO SCALE



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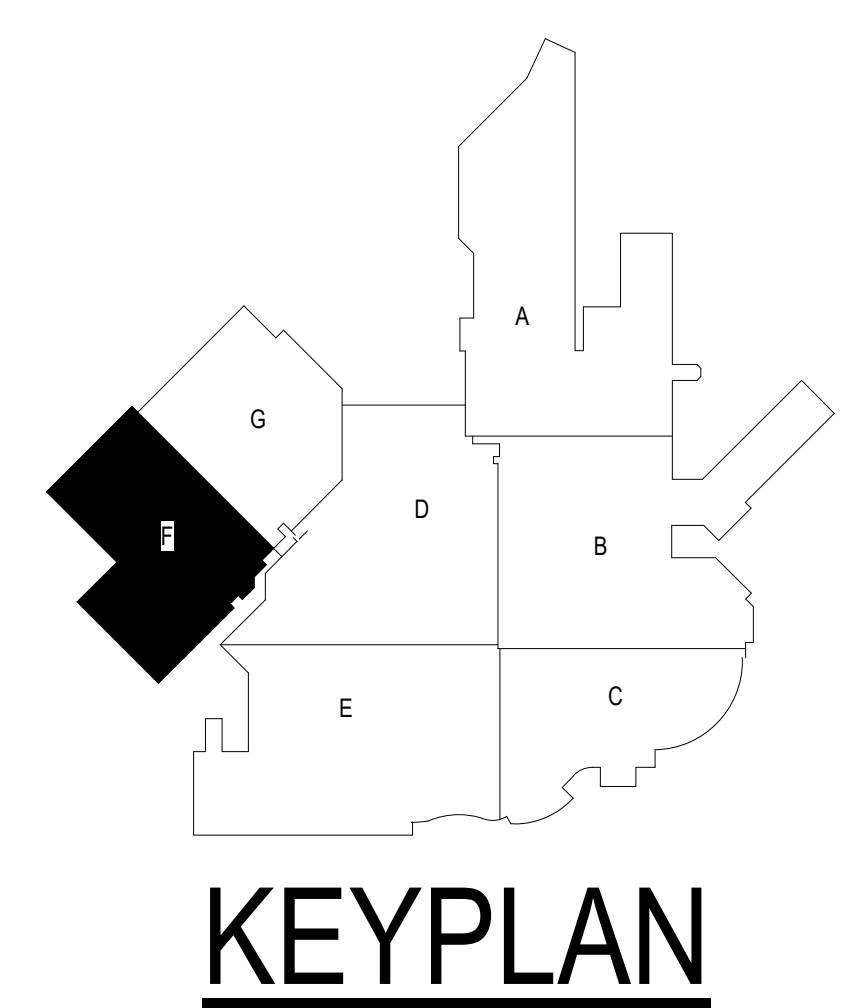
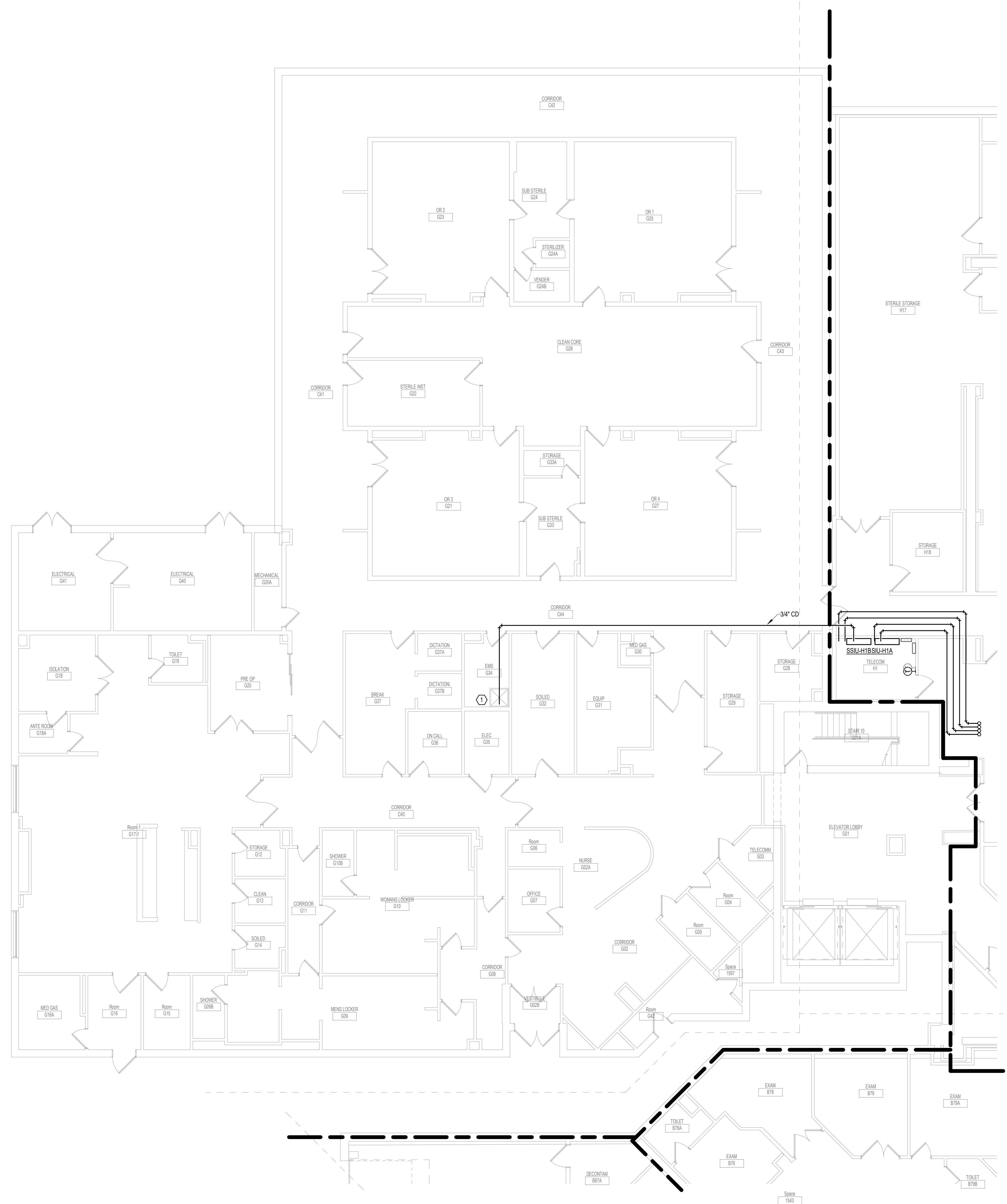
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Revisions:	Date:

CONSULTANT AST	SPECIALIZED ENGINEERING SOLUTIONS SES 10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5520 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 REGISTERED COMMUNICATIONS DISTRIBUTION Nathan Timm BICSI ID # 346555 EXPIRES 12-31-23 RCDD	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title ENLARGED ROOM B23 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 T301-05-E
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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.
 - 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:**
- ROUTE CONDENSATE TO SERVICE SINK IN EMS 634.



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

1:96
0' 6" 12"


Revisions:	Date:

CONSULTANT



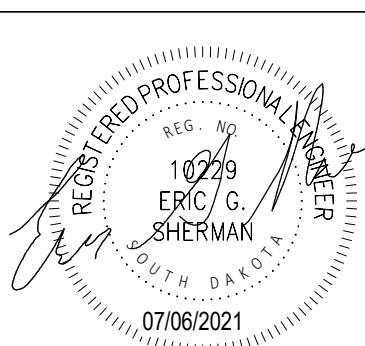

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Anderson Engineering of Minnesota, LLC | Proj # 16090

STAMP



Office of Construction and Facilities Management



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

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

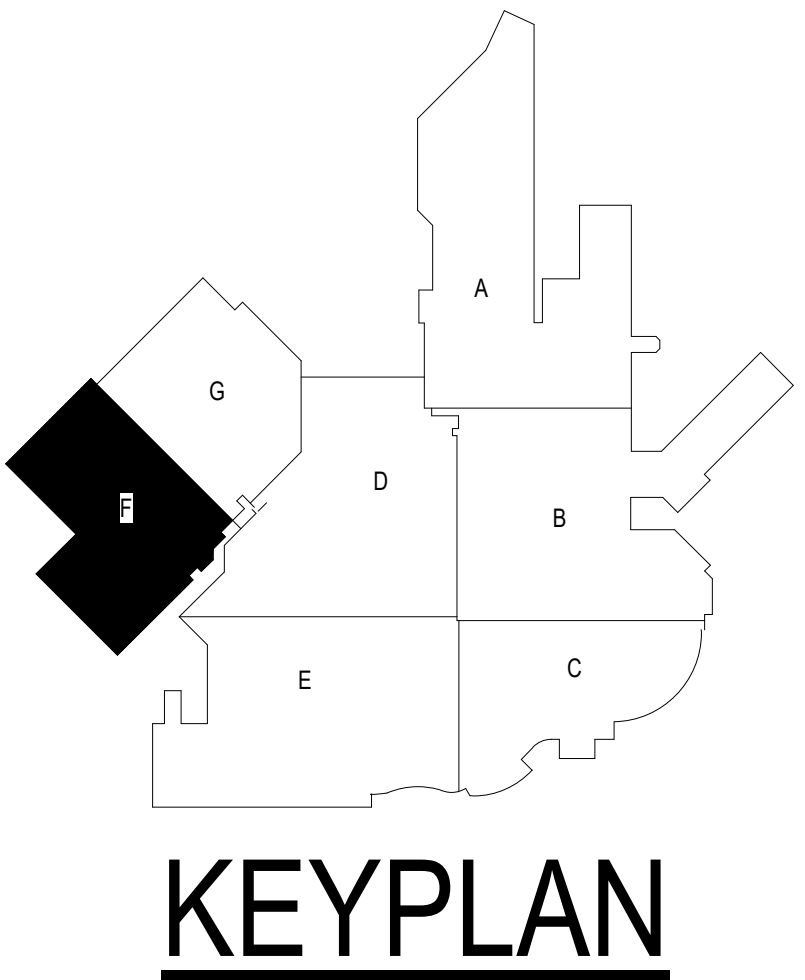
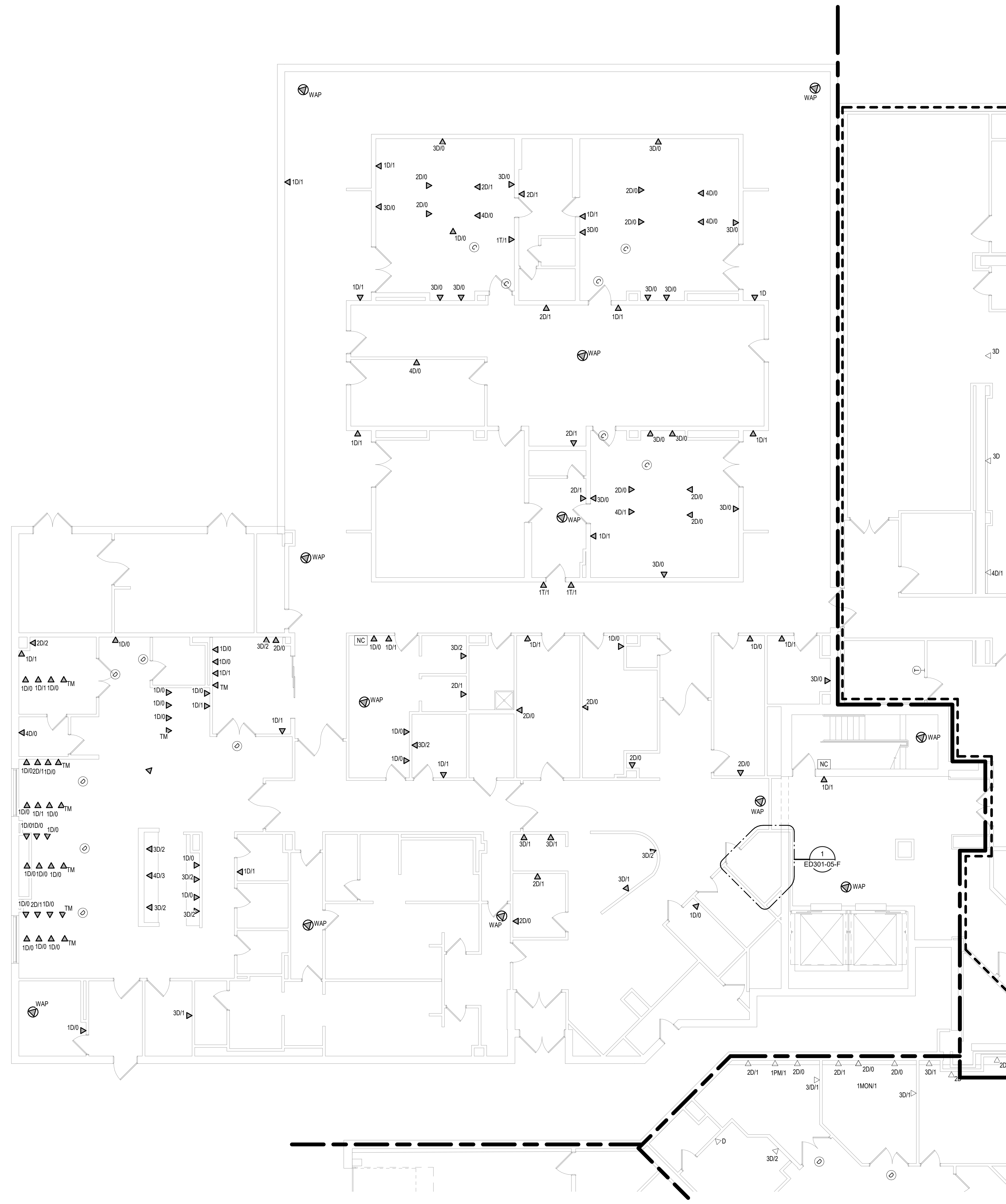
Checked
EGS

Drawn
PHV

Project Number
438-20-910

Building Number
5

Drawing Number
MP101-05-F



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

1:96
0' 6" 12"

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 MONITOR	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title GROUND LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA F Approved:	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: KSB	Drawn: NMT	Drawing Number ED101-05-F

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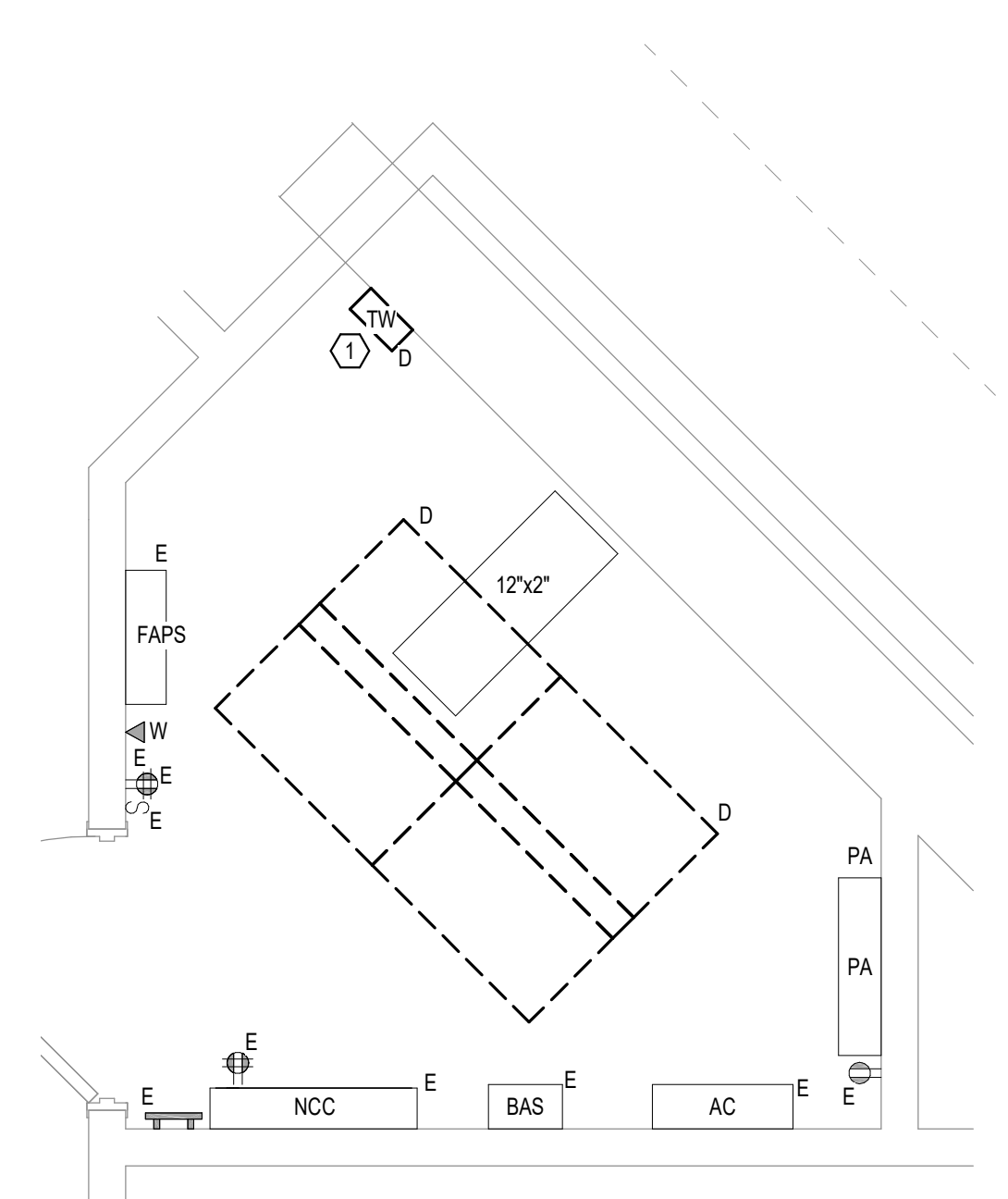
CABLING NOTES:

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 G03
- EXISTING CABLE COUNT
 DATA (CAT5) 336
 DATA (CAT5) 0
 VIDEO 0
 PATIENT MONITORING 8
 COMMERCIAL WIRELESS 0
- CABLE RELOCATION COUNT
 DATA (CAT5) -336 TO ROOM H1
 DATA (CAT5) 0
 VIDEO 0
 PATIENT MONITORING -8 TO ROOM H1
 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. 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.



1 GROUND LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - AREA F - ROOM G03
 1/2" = 1'-0"
 1:24

Revisions:	Date:


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Anderson Engineering of Minnesota, LLC | Proj # 16090

STAMP



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 F

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

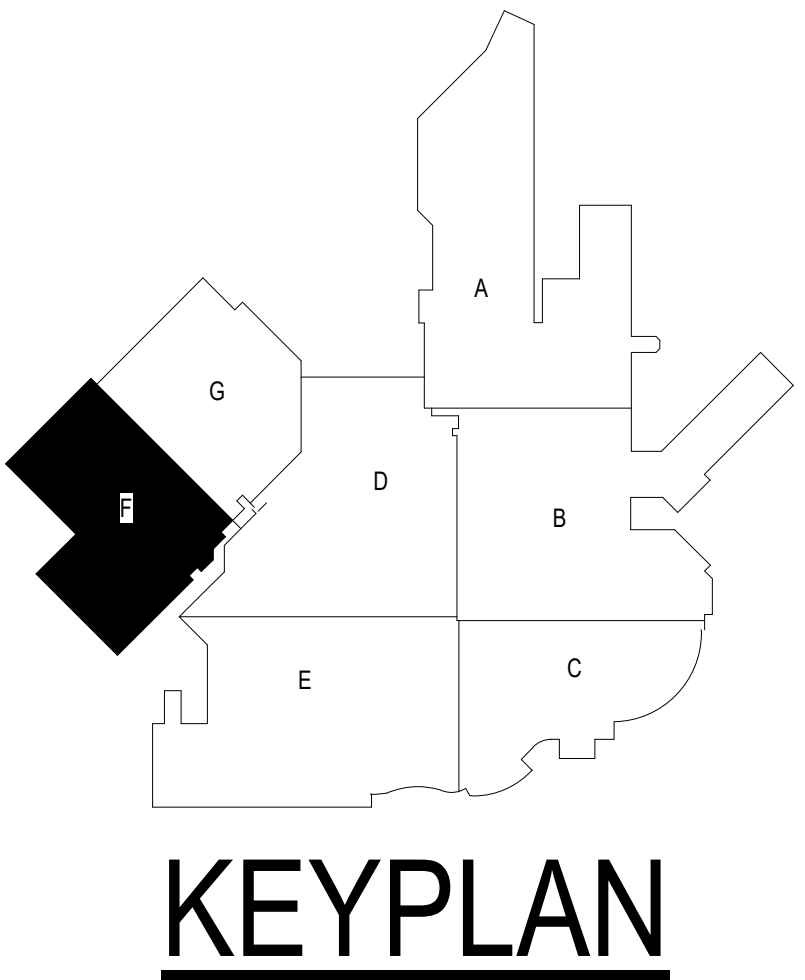
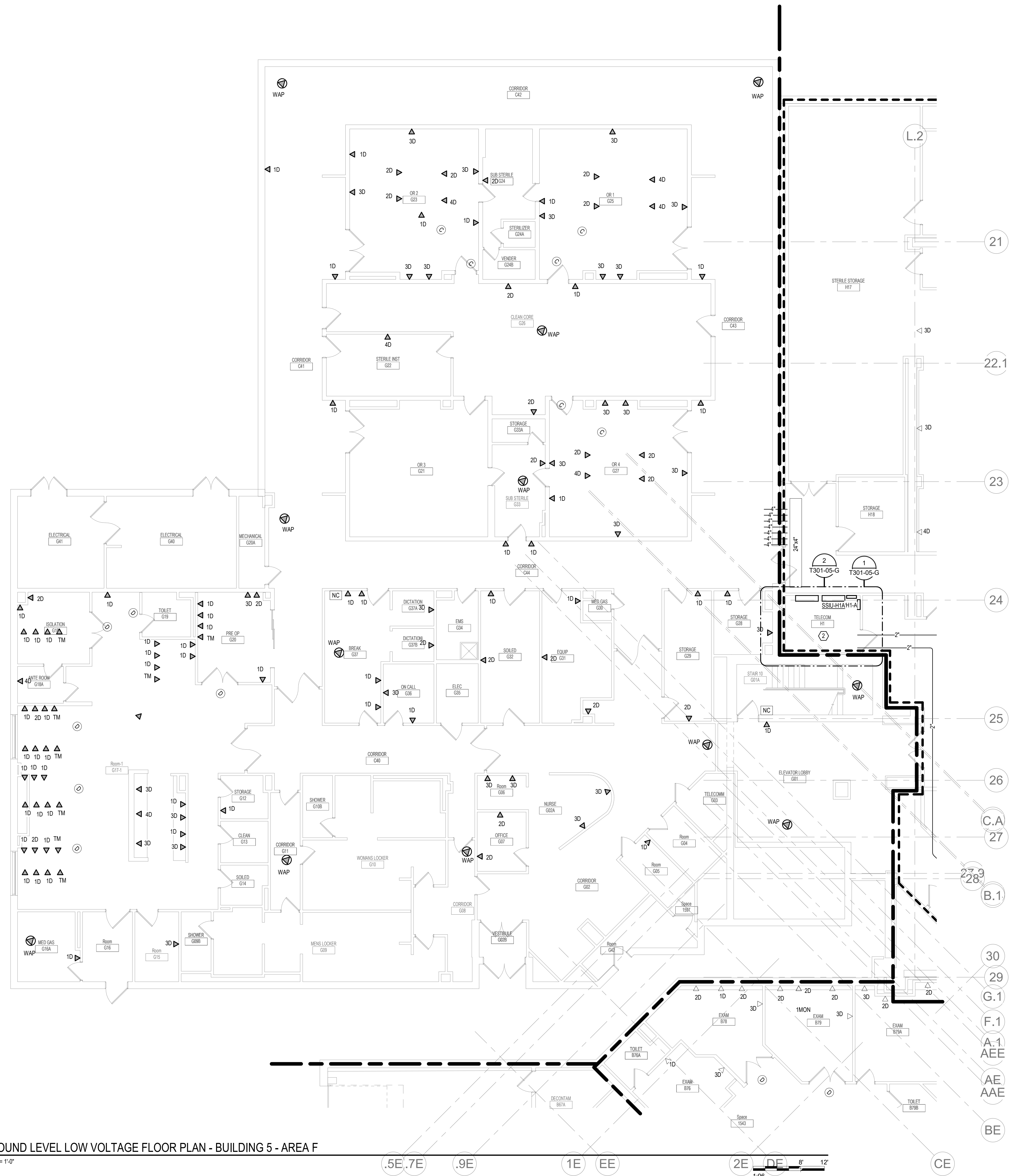
Checked
KSB

Drawn
NMT

Project Number
438-20-910

Building Number
5

Drawing Number
ED301-05-F



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

.5E .7E .9E 1E EE 2E DE 12
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:

CONSULTANT

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Nathan Timm
BICSI ID # 346555
EXPIRES 12-31-20

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title

GROUND LEVEL LOW VOLTAGE PLAN - BUILDING 5 - AREA F

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

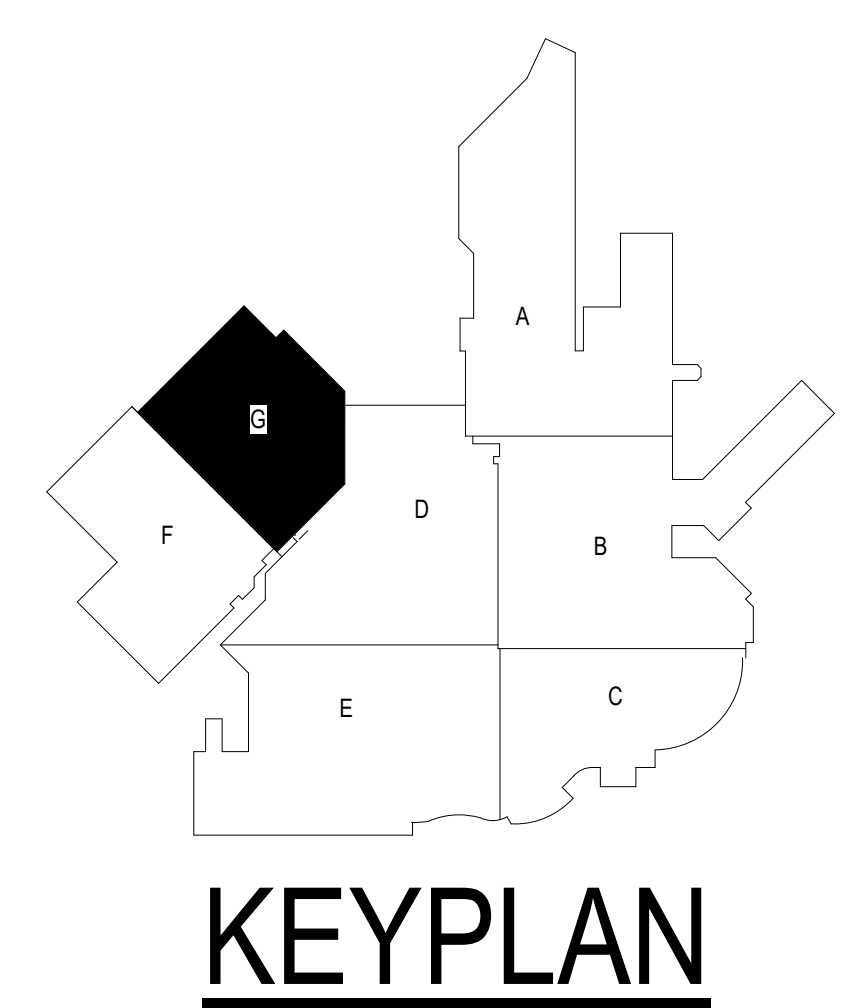
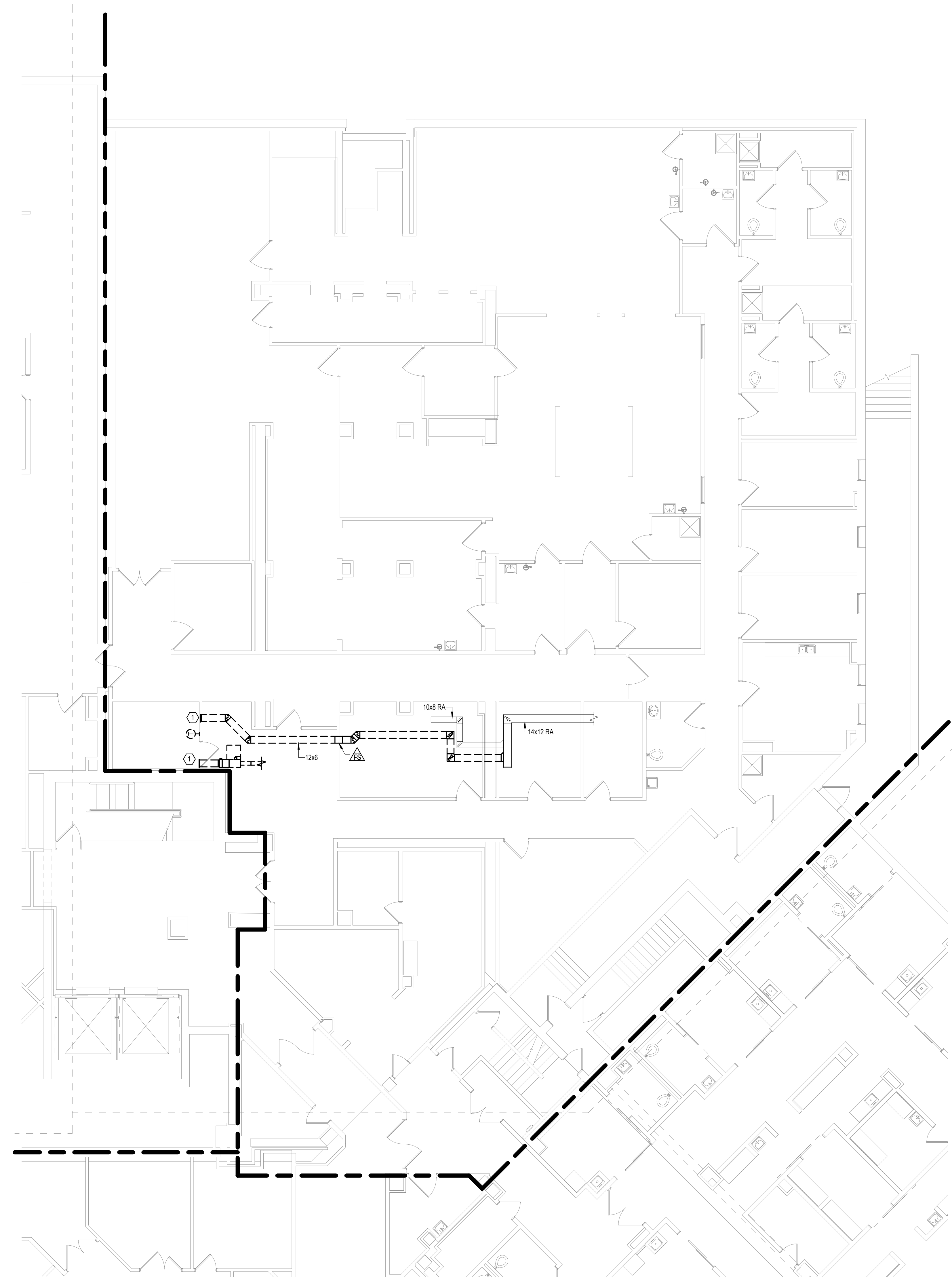
TN101-05-F

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.

SHEET NOTES:

- DEMOLISH RETURN DUCT BACK TO MAIN AND CAP OPENING. DEMOLISH SUPPLY DUCT, VAV BOX AND ASSOCIATED PIPING SERVING ROOM BACK TO MAIN AND CAP. DEMOLISH EXISTING THERMOSTAT.



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

1:96
0' 12'

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 MECHANICAL DEMOLITION PLAN - BUILDING 5 - AREA G	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910
				Approved:	Fully Sprinklered FULLY SPRINKLERED	Location Sioux Falls, SD	Building Number 5
Issue Date 02/18/2022	Checked EGS	Drawn PHV	Drawing Number MD101-05-G				

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A

B

C

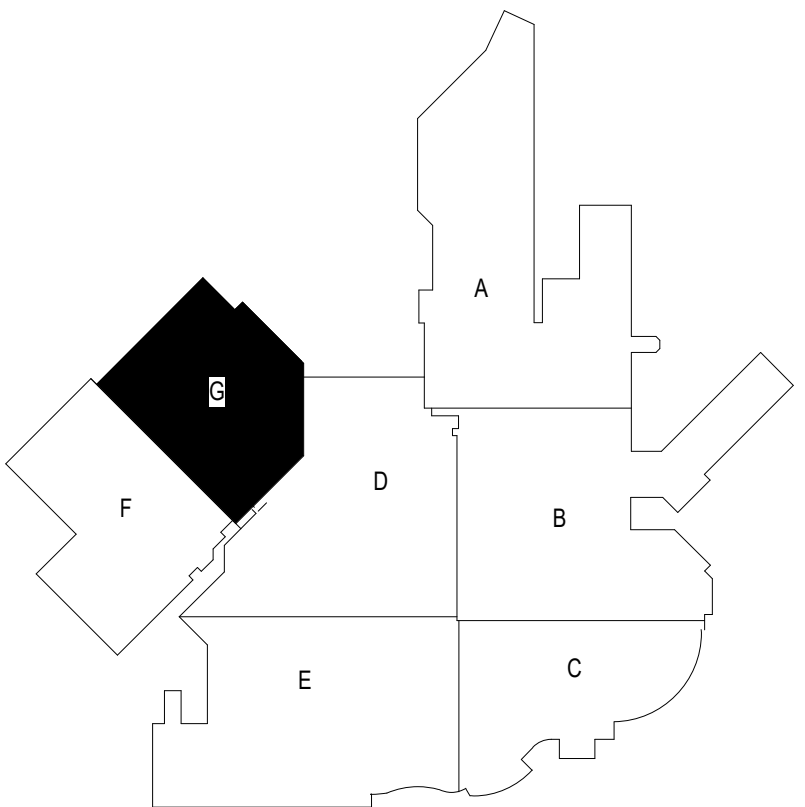
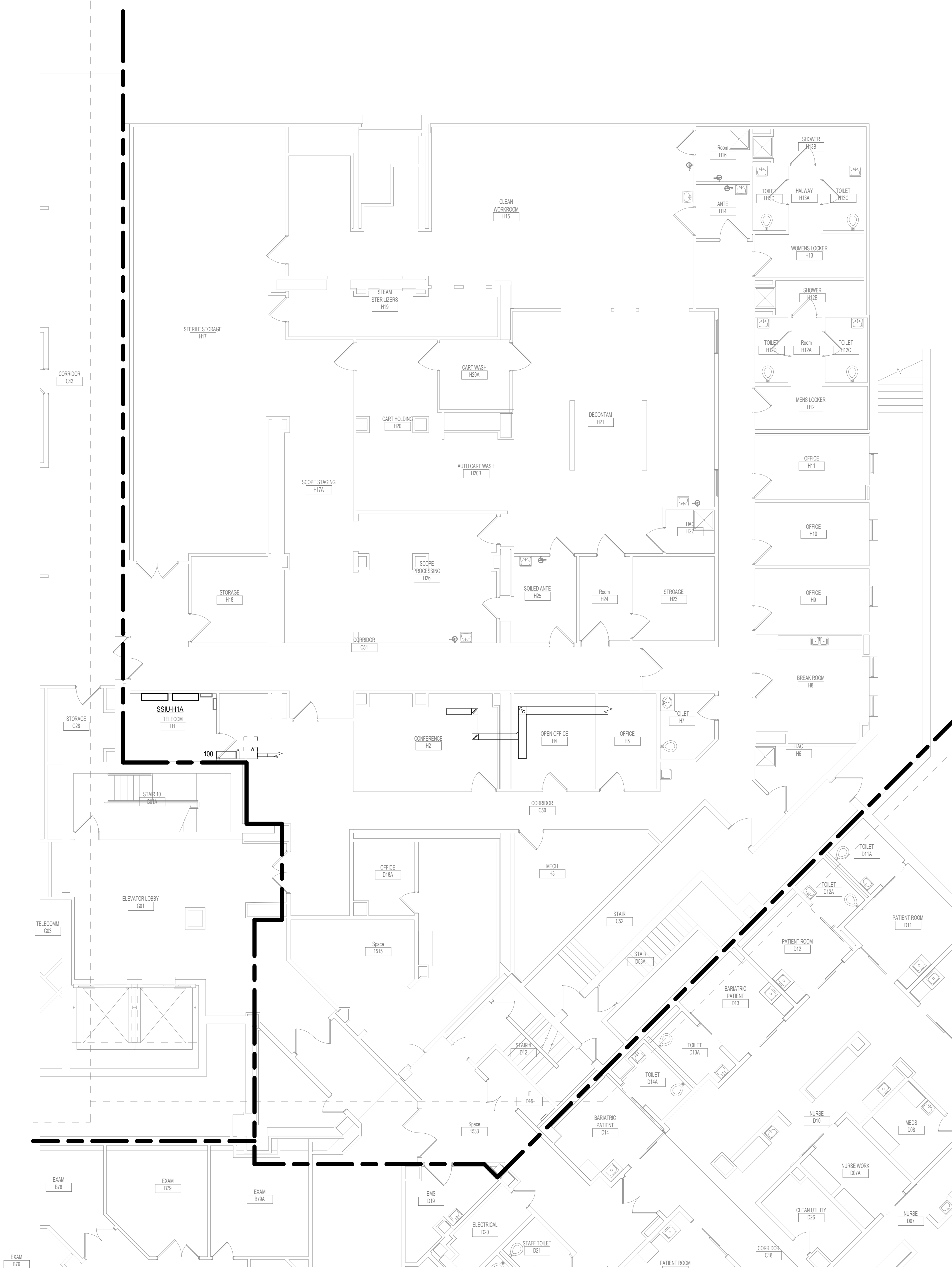
D

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.



KEYPLAN

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

0' 12"
 1:96

Revisions:	Date:

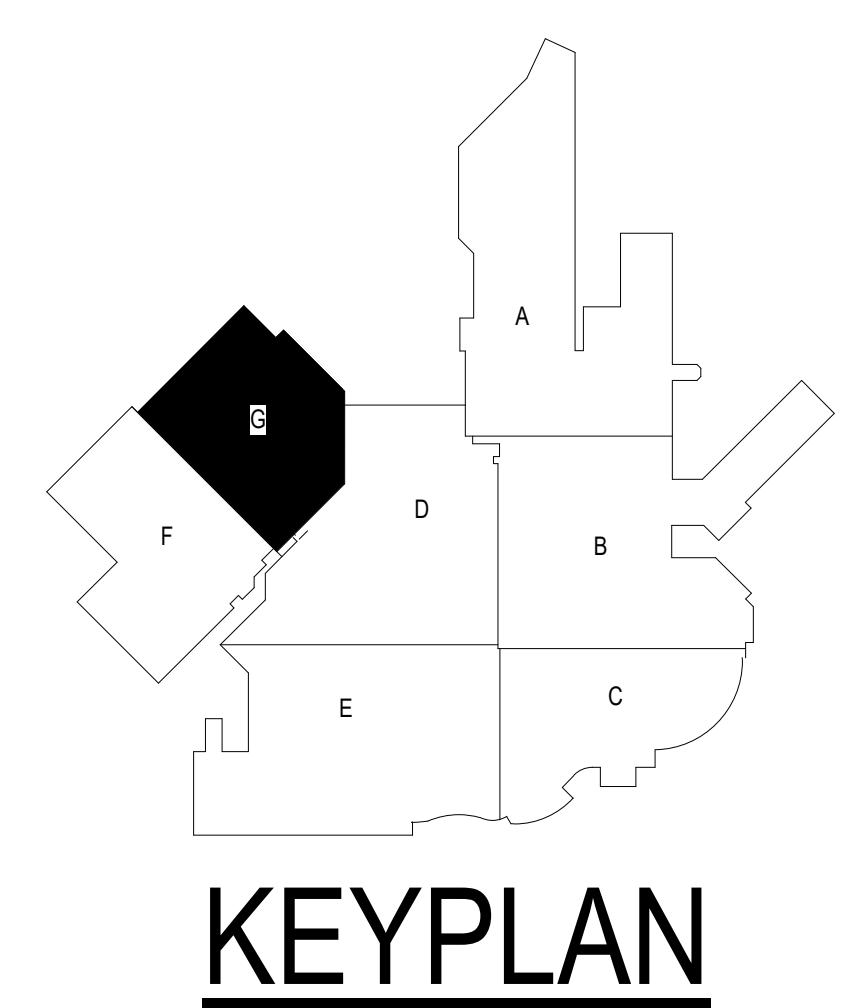
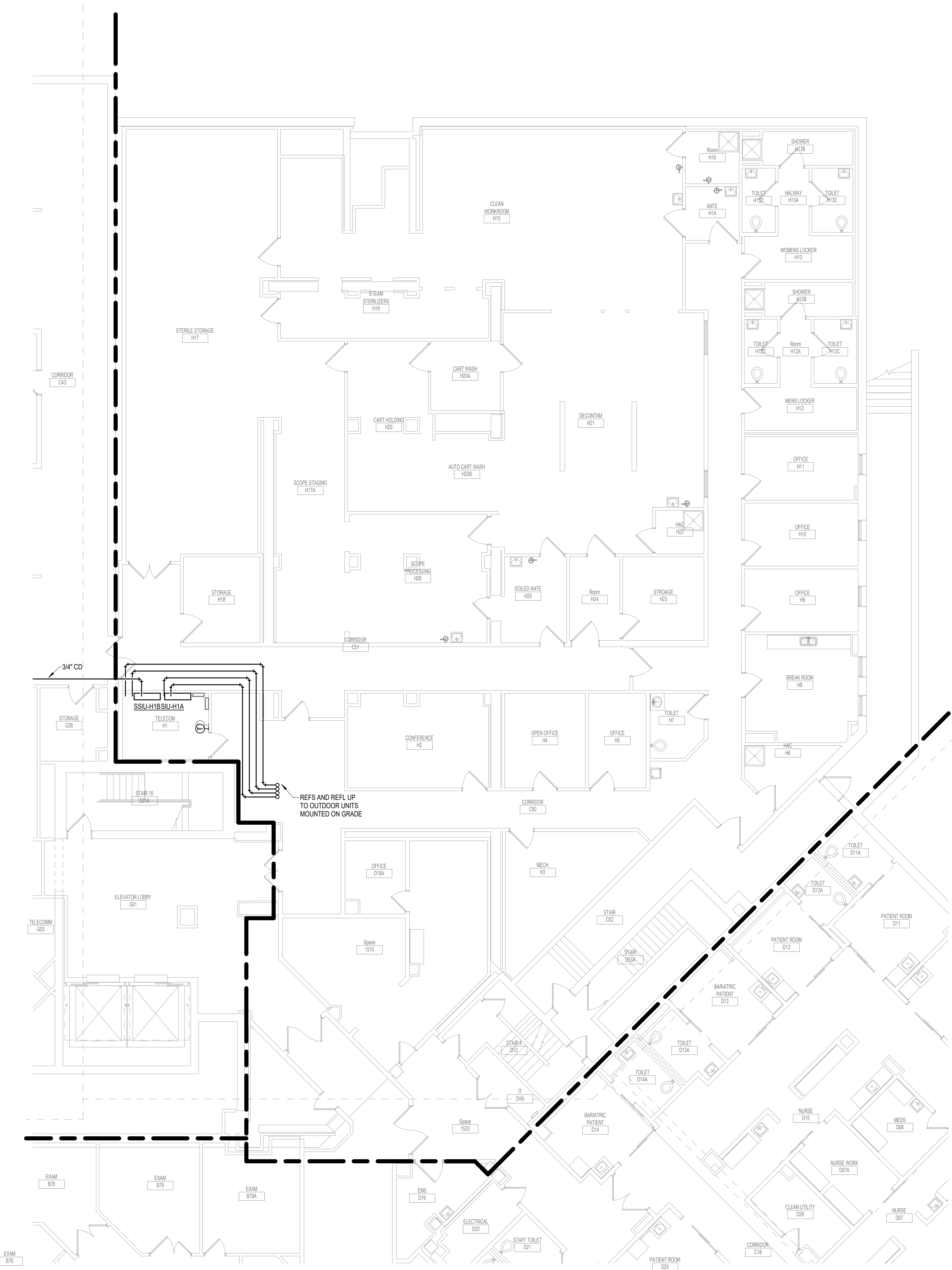
CONSULTANT   SPECIALIZED ENGINEERING SOLUTIONS <small>10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5520 www.specializedeng.com</small>	ARCHITECT/ENGINEER OF RECORD  <small>13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090</small>	STAMP  ERIC C. SHERMAN 07/06/2021	Office of Construction and Facilities Management  U.S. Department of Veterans Affairs	Drawing Title GROUND LEVEL DUCTWORK PLAN - BUILDING 5 - AREA G 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-G

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 NEW THERMOSTAT NEXT TO EXISTING.



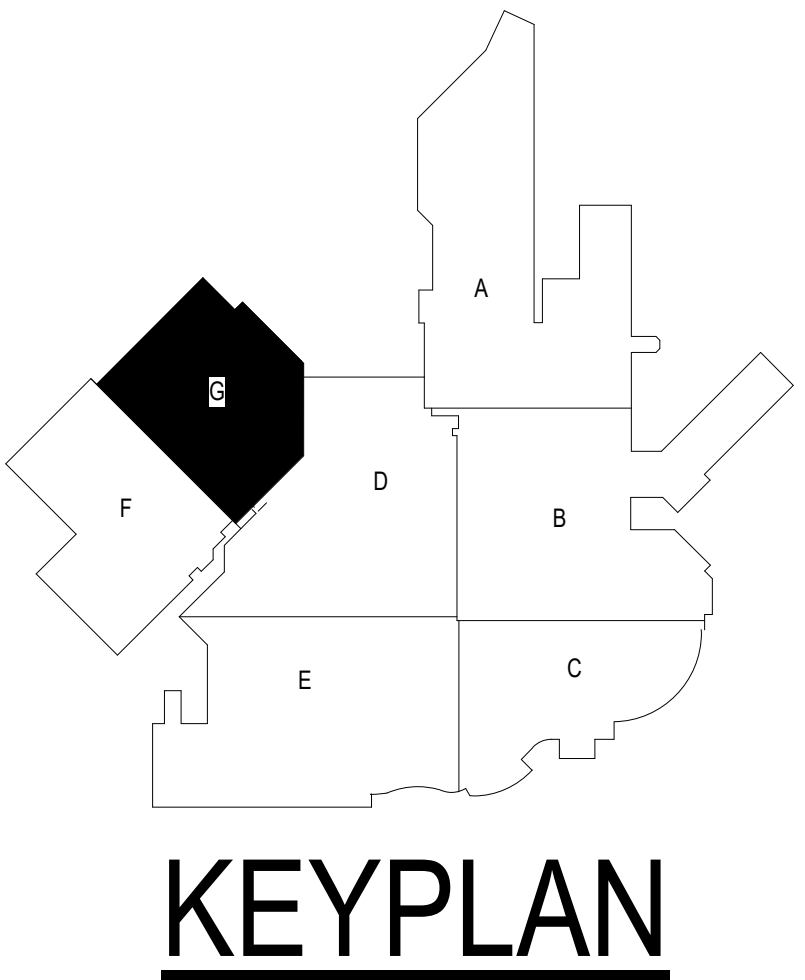
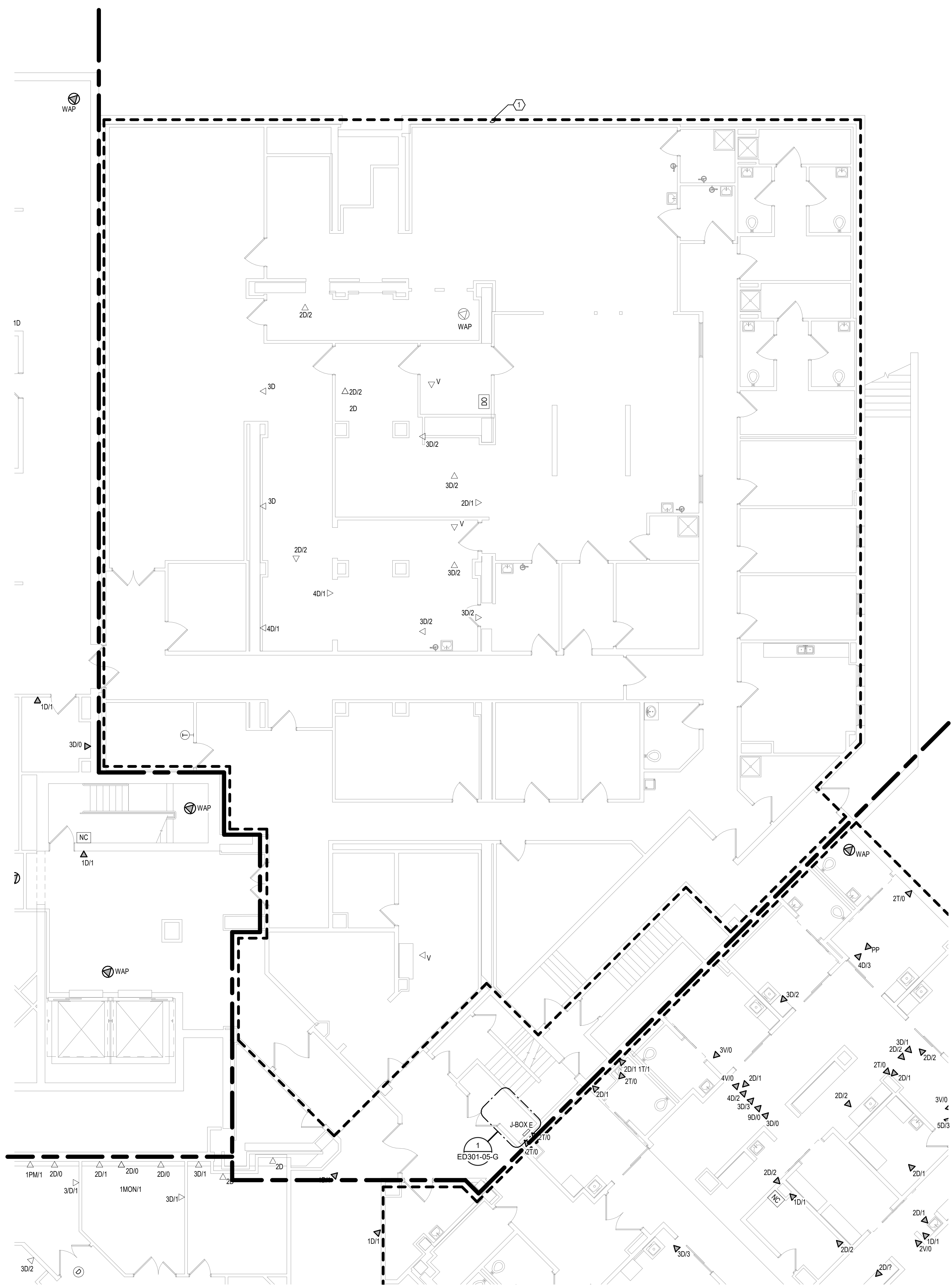
1 GROUND LEVEL PIPING PLAN - BUILDING 5 - AREA G
1/8" = 1'-0"

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 G	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910
				Approved:	Fully Sprinklered FULLY SPRINKLERED	Location Sioux Falls, SD	Building Number 5
				Issue Date 07/06/2021	Checked EGS	Drawn PHV	Drawing Number MP101-05-G

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



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

1:96
 0' 6" 12"

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 7/6/2021 4:28:23 PM
 7/6/2021 4:28:23 PM


Revisions:	Date:

CONSULTANT




10360 Ellison Circle
 Omaha, NE 68134
 Phone: 402.991.5530
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ARCHITECT/ENGINEER OF RECORD



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 Anderson Engineering of Minnesota, LLC | Proj # 16090

STAMP



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

Office of Construction and Facilities Management



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

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-G

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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 D09

EXISTING CABLE COUNT
 DATA (CAT5): 34
 DATA (CAT5): 48
 VIDEO: 19
 PATIENT MONITORING: 8
 COMMERCIAL WIRELESS: 0

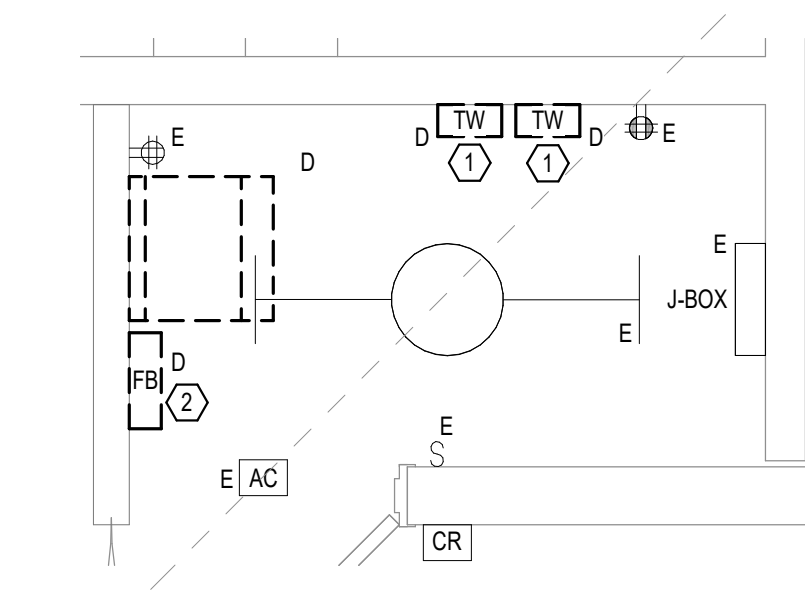
CABLE RELOCATION COUNT
 DATA (CAT5): 34 TO ROOM H1
 DATA (CAT5): 48
 VIDEO: 19
 PATIENT MONITORING: 8 TO ROOM H1
 COMMERCIAL WIRELESS: 0

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:

- 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 - BUILDING 5 - AREA G - ROOM D09

1/2" = 1'-0"



Revisions:	Date:

CONSULTANT




SPECIALIZED ENGINEERING SOLUTIONS

10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
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



Office of Construction and Facilities Management



U.S. Department of Veterans Affairs

Drawing Title

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

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

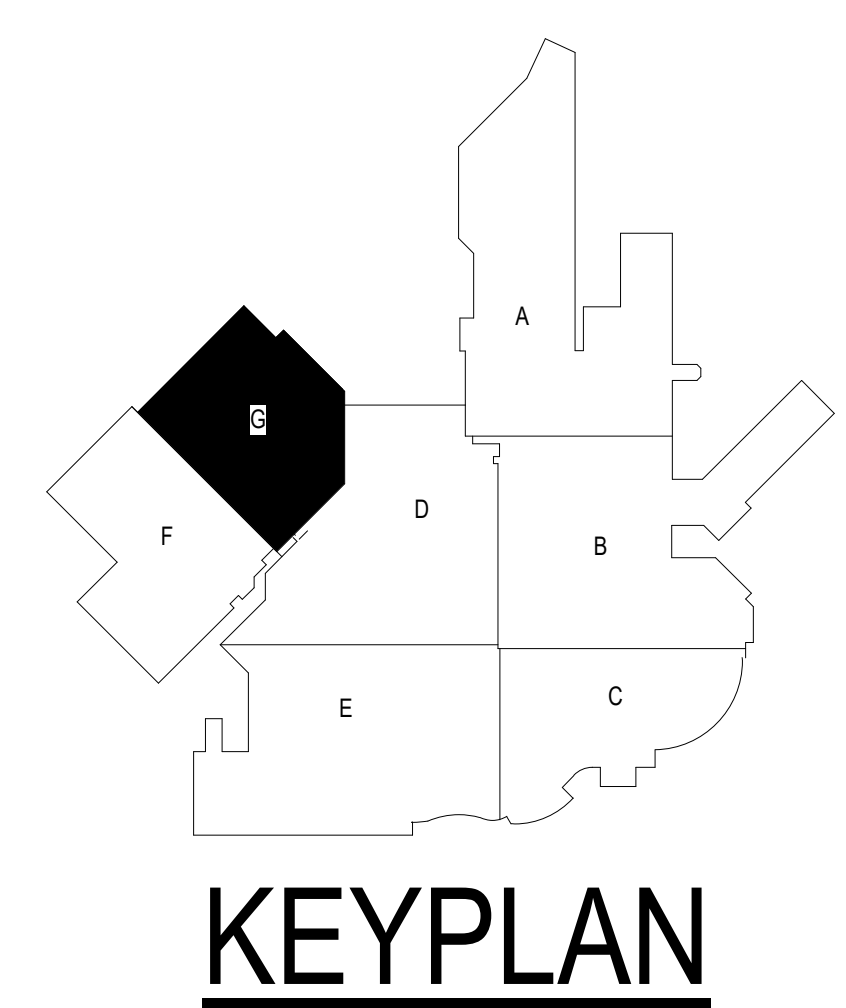
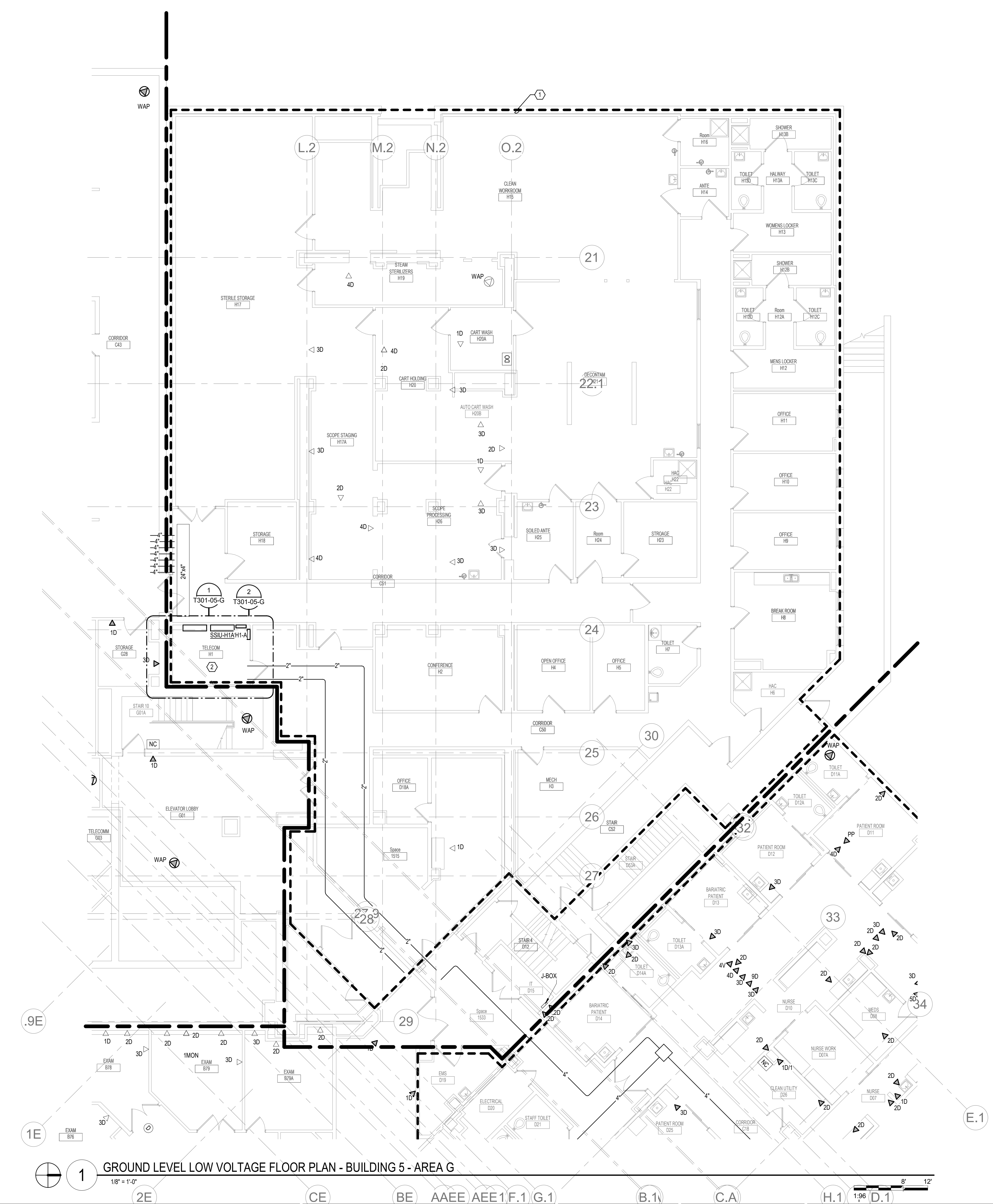
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Drawing Number

ED301-05-G

SHEET NOTES:

- 1. AREA TO BE CONSTRUCTED UNDER SEPARATE PROJECT. NO RECALLING IS ANTICIPATED UNDER THIS PROJECT. COORDINATE EXTENT OF WORK REQUIRED WITH VA.
- 2. TELECOMMUNICATIONS ROOM HI TO BE CONSTRUCTED UNDER A SEPARATE PROJECT. IF PROJECT IS NOT CONSTRUCTED, FIT OUT EXISTING ROOM IN APPROXIMATELY SAME LOCATION AS ROOM HI AS IDENTIFIED BY VA. ADAPT ROOM HI DESIGN AS REQUIRED TO FIT IN NEW ROOM.



1 GROUND LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 5 - AREA G
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:

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 Bicsi Nathan Timm BICSI ID # 346555 EXPIRES 12-31-21 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 G	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910 Building Number 5
				Approved:	FULLY SPRINKLERED	Location Sioux Falls, SD	Drawing Number TN101-05-G
						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.

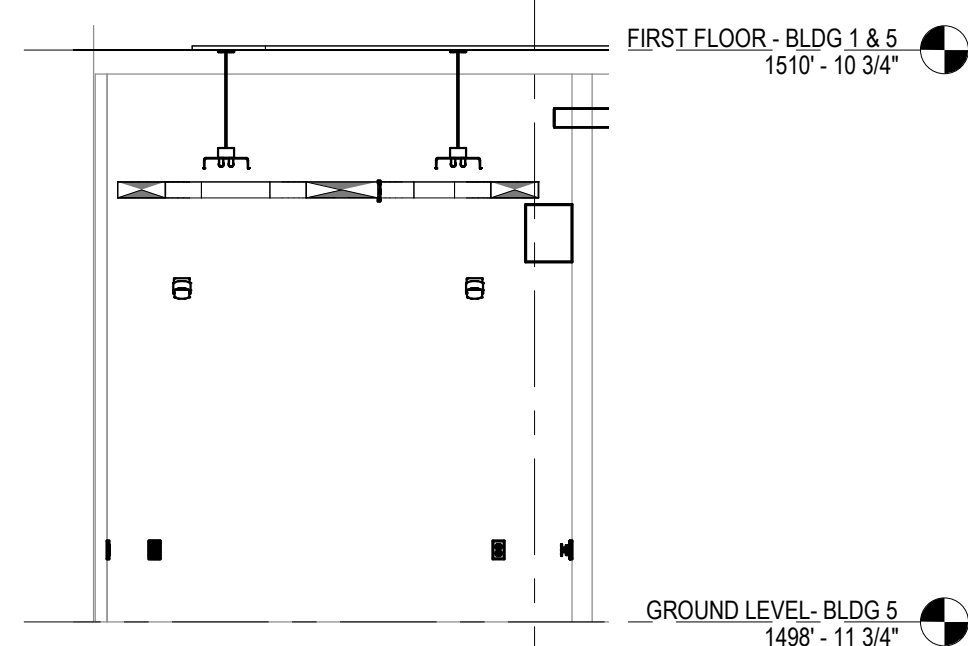
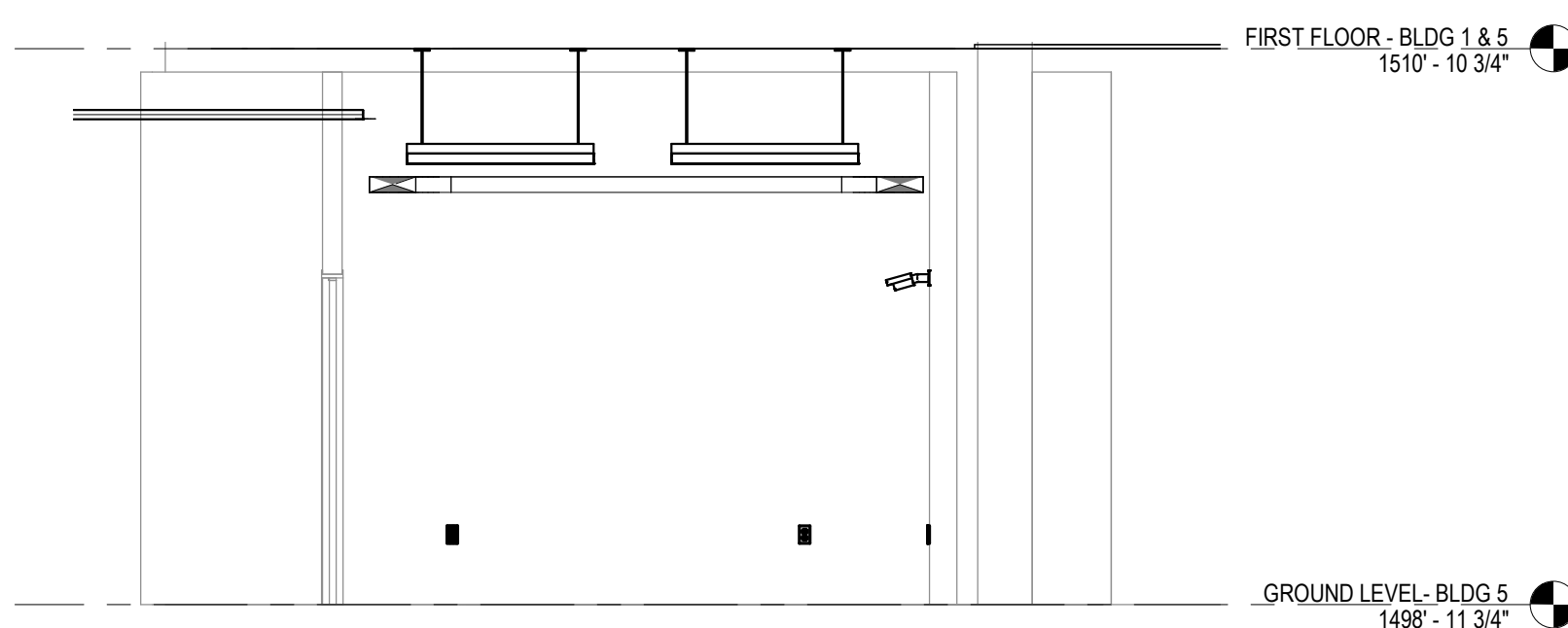
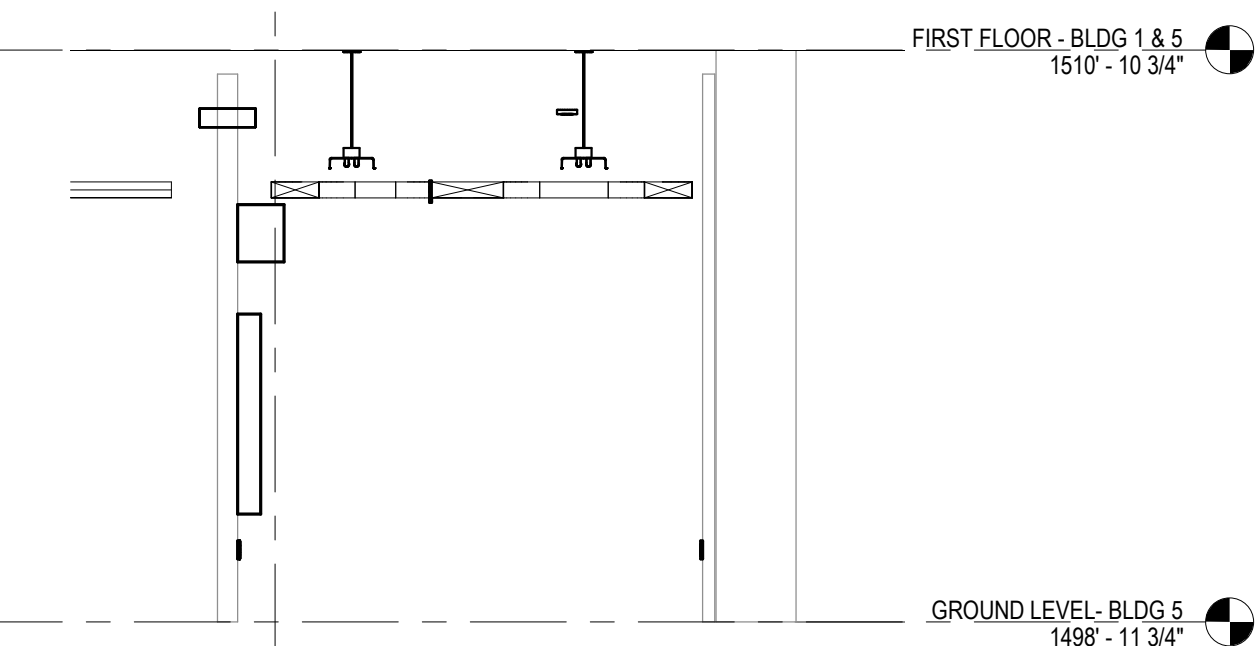
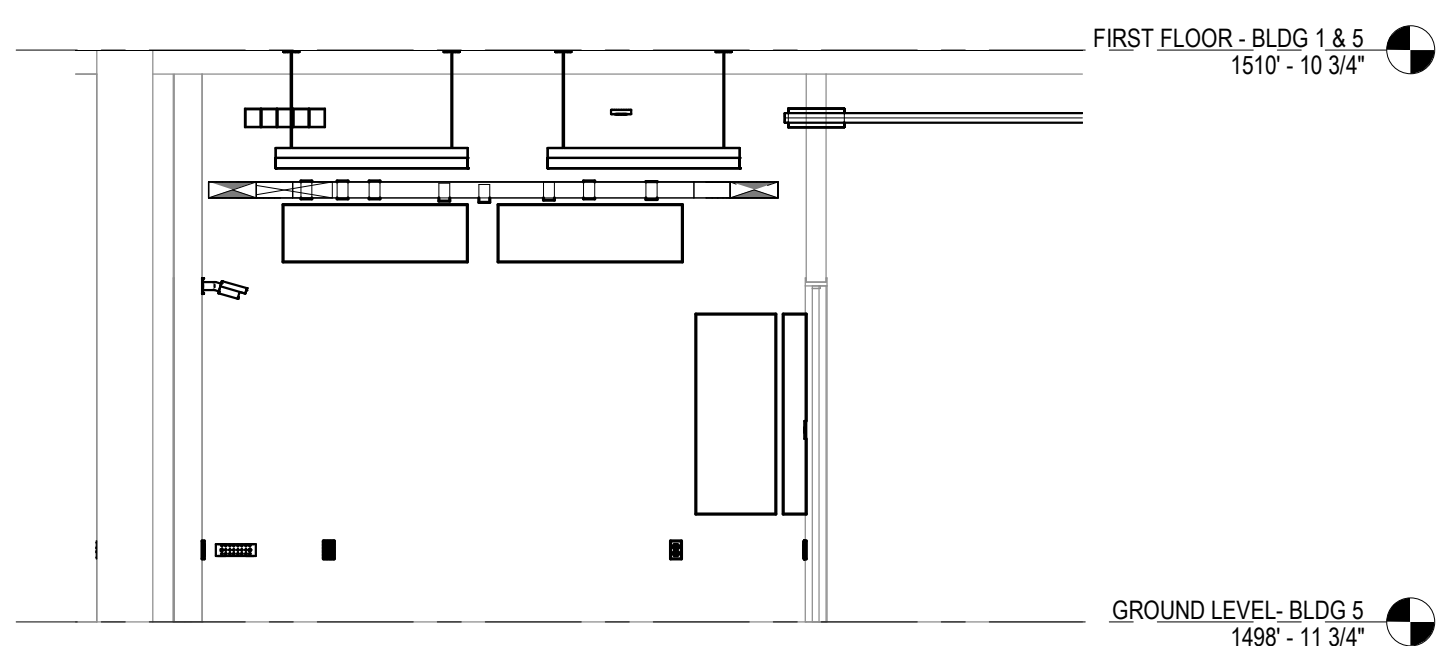
ROOM H1

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

CABLE RELOCATION COUNT
DATA (CAT5): +328 FROM ROOM G03
DATA (CAT6): +34 FROM ROOM D09
DATA (CAT6): +48 FROM ROOM B97
DATA (CAT6): +48 FROM ROOM D09
DATA (CAT6): +82 FROM ROOM B97
VIDEO: +19 FROM ROOM D09
VIDEO: +1 FROM ROOM B97
PATIENT MONITORING: +8 FROM ROOM G03
PATIENT MONITORING: +8 FROM ROOM B97
COMMERCIAL WIRELESS: 0

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

FINAL CABLE COUNT
DATA (CAT6): 548
VIDEO: 20
PATIENT MONITORING: 86
COMMERCIAL WIRELESS: 0



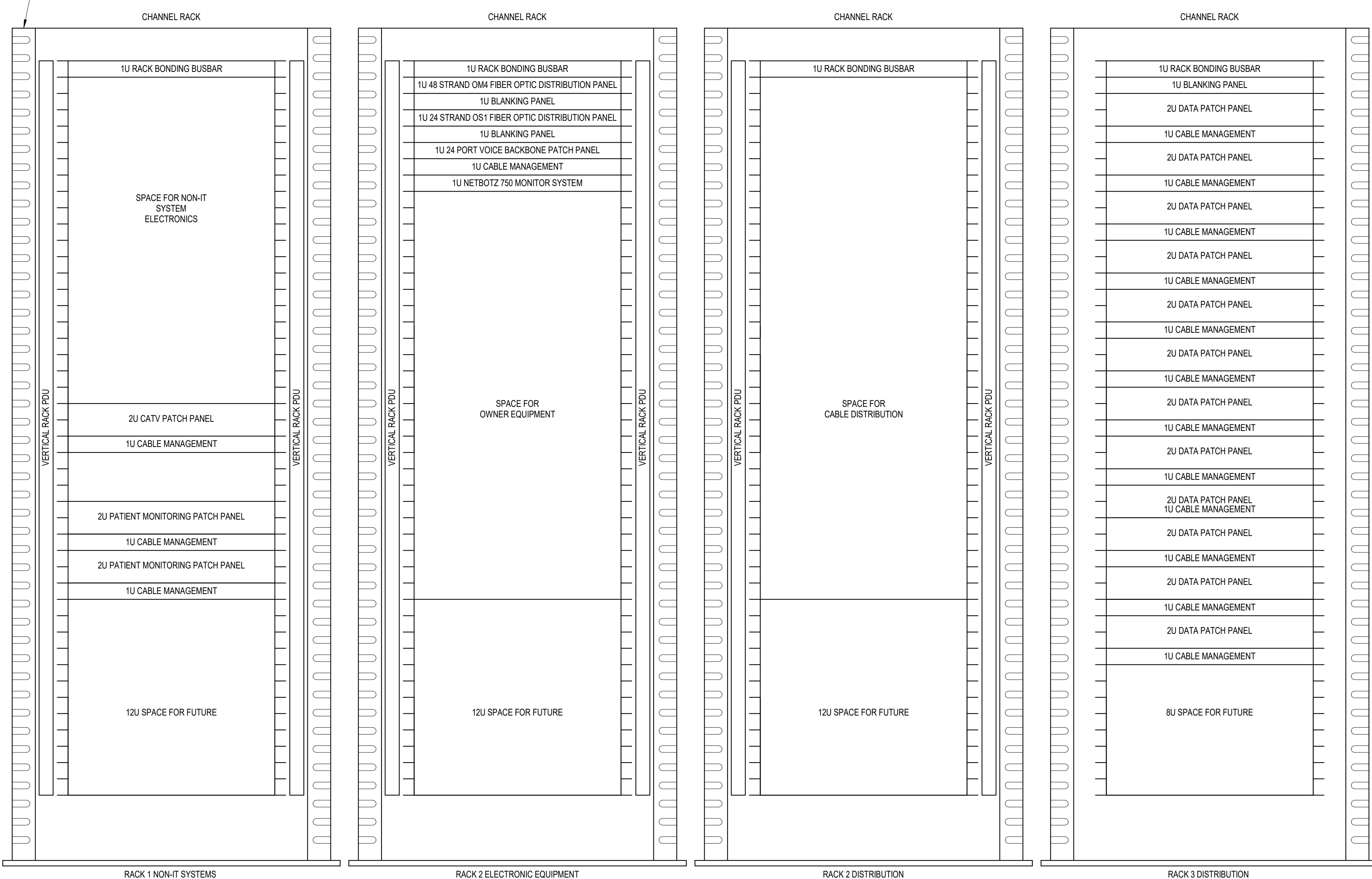
7 14 - a
1/4" = 1'-0"

6 14 - b
1/4" = 1'-0"

5 14 - c
1/4" = 1'-0"

4 14 - d
1/4" = 1'-0"

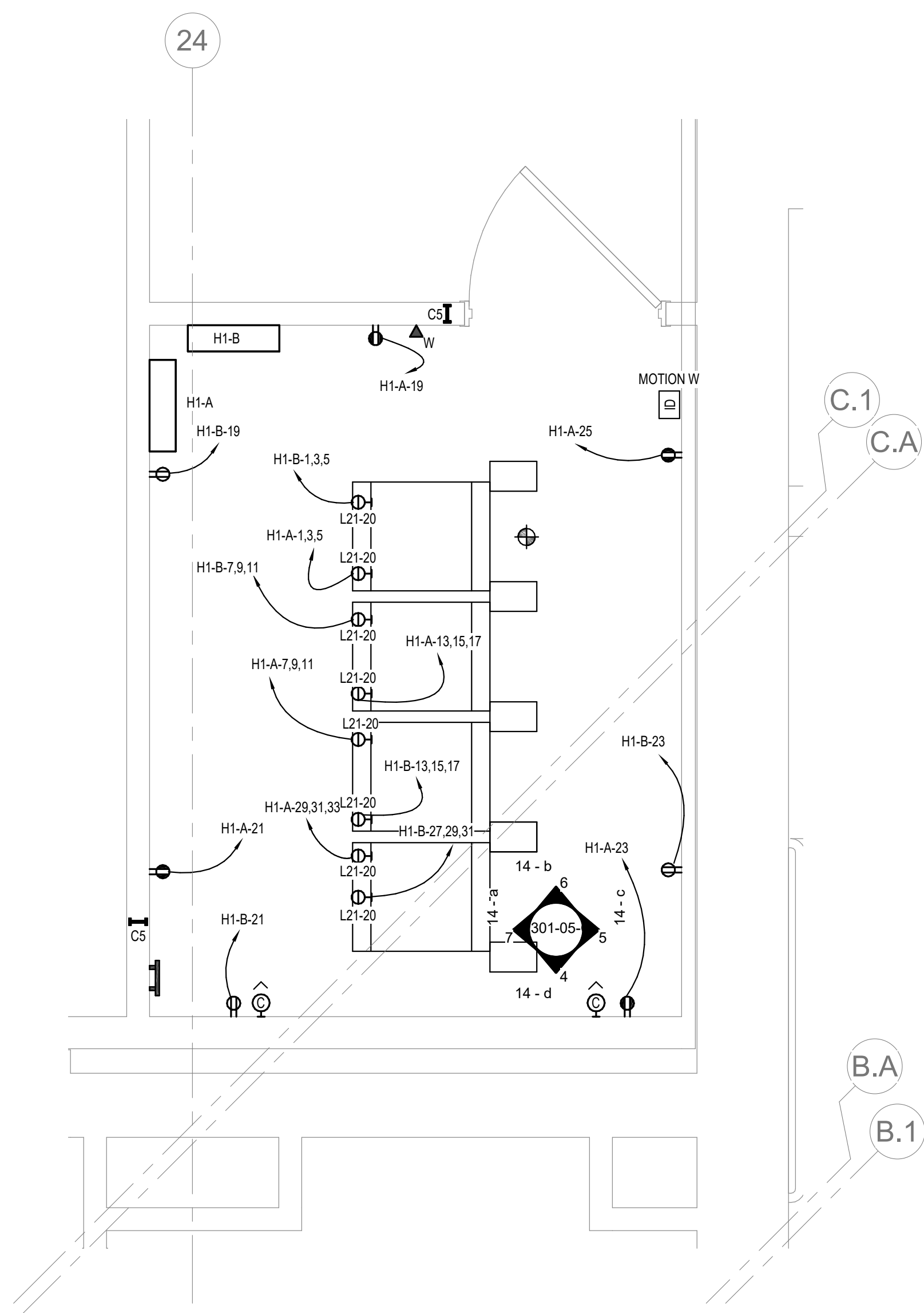
SIDE CABLE MANAGEMENT (TYP)



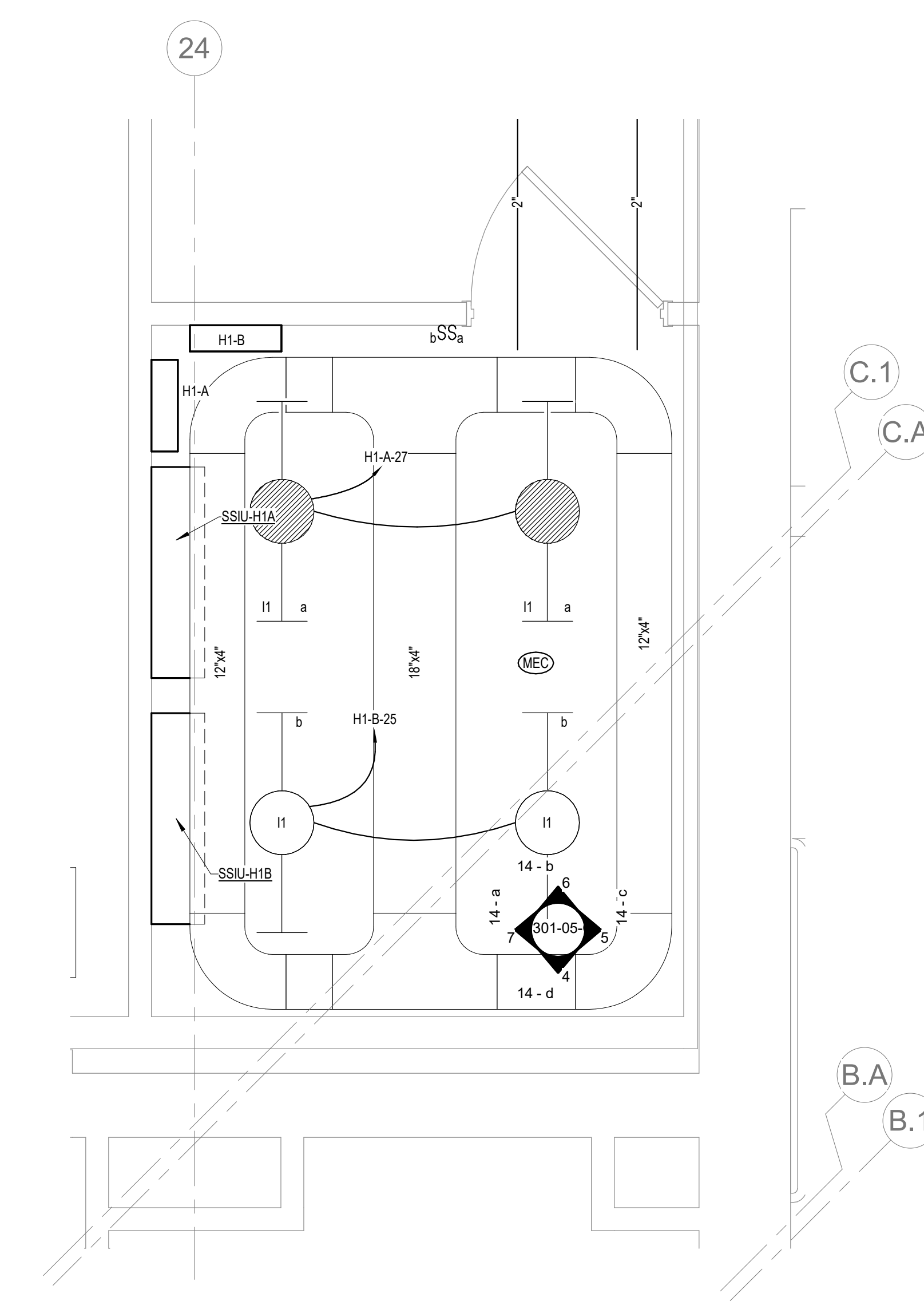
NOTES:

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

3 RACK ELEVATION - ROOM H1
NO SCALE



2 ENLARGED ROOM H1 - BUILDING 05 - POWER & DATA
1/2" = 1'-0"



1 ENLARGED ROOM H1 - BUILDING 05 - LIGHTING & CABLE TRAY
1/2" = 1'-0"

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Revisions table with columns for Revisions and Date.

Project information block including Consultant (AST), Architect/Engineer of Record (Anderson), Office of Construction and Facilities Management, Drawing Title (ENLARGED ROOM H1), Phase (BID DOCUMENTS), Project Title (VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES), Project Number (438-20-910), Location (Sioux Falls, SD), Issue Date (07/06/2021), Checked (KSB), Drawn (NMT), and Drawing Number (T301-05-G).

LIGHTING PANEL: H1-B												
LOCATION: TELECOM H1				VOLTS: 208/120 WYE				MAINS TYPE: MCB				
SUPPLY FROM: B1				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): 2.1				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 H1 - RACK				1922... 0 VA						1922... 0 VA	2
3	RECEPTACLE		20 A	3		1922 VA 0 VA			1	20 A	-- SPARE	4
5							1922 VA 1195...		1	20 A	-- SPARE	6
7	PWR-C TELECOM H1 - RACK				1922... 1195 VA				2	25 A	SSIU-H1B/SSOU-H1B	8
9	RECEPTACLE		20 A	3		1922 VA						10
11							1922 VA					12
13	PWR-C TELECOM H1 - RACK				1922...							14
15	RECEPTACLE		20 A	3		1922 VA						16
17							1922 VA					18
19	REC TELECOM H1		20 A	1	180 VA							20
21	REC TELECOM H1		20 A	1		180 VA						22
23	REC TELECOM H1		20 A	1			180 VA					24
25	LTG TELECOM H1		20 A	1	50 VA							26
27	PWR-C TELECOM H1 - RACK						1922 VA					28
29	RECEPTACLE		20 A	3			1922 VA					30
31					1922...							32
33	SPARE	--	20 A	1		0 VA						34
35	SPARE	--	20 A	1			0 VA					36
37	SPARE	--	20 A	3		0 VA						38
39	SPARE	--	20 A	1			0 VA					40
41	SPARE	--	20 A	1			0 VA					42
					TOTAL LOAD:	9111 VA	7867 VA	0 VA				
					TOTAL AMPS:	77 A	66 A	77 A				

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
LTG	50 VA	125.00%	62 VA	CONNECTED LOAD: 26040 VA
REC	540 VA	100.00%	540 VA	CONNECTED CURRENT: 172 A
MTR	2390 VA	124.22%	2969 VA	DEMAND LOAD: 20101 VA
PWR-NC	23060 VA	71.68%	16530 VA	DEMAND CURRENT: 56 A
				CONSIDER 125% DEMAND: 25126 A
				EQUIPMENT AMPS: 100 A
				FEEDER AVAILABLE:
				44 %
				SPARE CAPACITY: 44 A

OPTIONS:

CIRCUIT BREAKER OPTIONS SUFFIX: 'S' OR 'ST' - PROVIDE SHUNT TRIP CIRCUIT BREAKER / 'G' OR 'GFCI' - PROVIDE GFCCI 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: H1-A												
LOCATION: TELECOM H1				VOLTS: 208/120 WYE				MAINS TYPE: MCB				
SUPPLY FROM: A1				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): 2.4				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 H1 - RACK				1922... 0 VA						1922... 0 VA	2
3	RECEPTACLE		20 A	3		1922 VA 0 VA			3	20 A	-- SPARE	4
5							1922 VA 1195 VA					6
7	PWR-C TELECOM H1 - RACK				1922... 1195 VA				2	25 A	SSIU-H1A/SSOU-H1A	8
9	RECEPTACLE		20 A	3		1922 VA 1195 VA						10
11							1922 VA					12
13	PWR-C TELECOM H1 - RACK				1922...							14
15	RECEPTACLE		20 A	3		1922 VA						16
17							1922 VA					18
19	REC TELECOM H1		20 A	1	180 VA							20
21	REC TELECOM H1		20 A	1		180 VA						22
23	REC TELECOM H1		20 A	1			180 VA					24
25	REC TELECOM H1		20 A	1	180 VA							26
27	LTG TELECOM H1		20 A	1	50 VA							28
29	PWR-C TELECOM H1 - RACK						1922 VA					30
31	RECEPTACLE		20 A	3		1922...						32
33	SPARE	--	20 A	1		1922 VA						34
35	SPARE	--	20 A	1			0 VA					36
37	SPARE	--	20 A	1		0 VA						38
39	SPARE	--	20 A	1			0 VA					40
41	SPARE	--	20 A	1			0 VA					42
					TOTAL LOAD:	9242 VA	9111 VA	0 VA				
					TOTAL AMPS:	79 A	78 A	66 A				

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
LTG	50 VA	125.00%	62 VA	CONNECTED LOAD: 26220 VA
REC	720 VA	100.00%	720 VA	CONNECTED CURRENT: 73 A
MTR	2969 VA	124.22%	2969 VA	DEMAND LOAD: 20281 VA
PWR-NC	23060 VA	71.68%	16530 VA	DEMAND CURRENT: 56 A
				CONSIDER 125% DEMAND: 25351 A
				EQUIPMENT AMPS: 100 A
				FEEDER AVAILABLE:
				43 %
				SPARE CAPACITY: 44 A

OPTIONS:

CIRCUIT BREAKER OPTIONS SUFFIX: 'S' OR 'ST' - PROVIDE SHUNT TRIP CIRCUIT BREAKER / 'G' OR 'GFCI' - PROVIDE GFCCI 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).

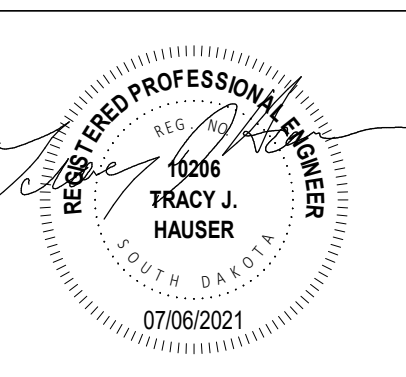
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Revisions:	Date:

CONSULTANT	
	 <p>SPECIALIZED ENGINEERING SOLUTIONS</p> <p>10360 Ellison Circle Omaha, NE 68134</p> <p>Phone: 402.991.5520 www.specializedeng.com</p>

ARCHITECT/ENGINEER OF RECORD	
	
<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>	

STAMP



Office of Construction and Facilities Management



U.S. Department of Veterans Affairs

Drawing Title

PANEL SCHEDULES - BUILDING 5 - GROUND LEVEL - AREA G

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-G

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 (AND)		KEY NOTE
	GRIDLINE		

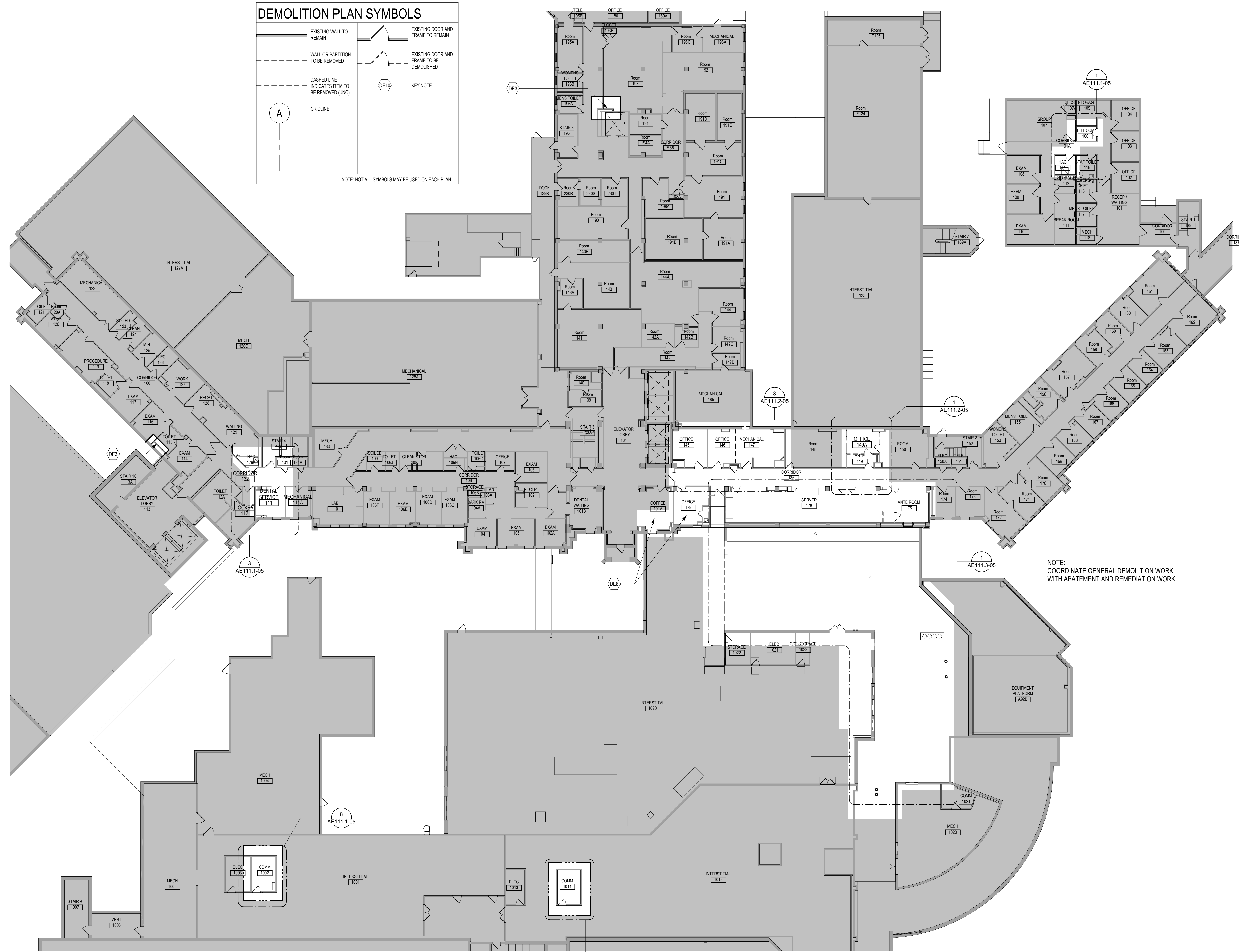
NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

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 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 REFRESHED TO LIKE NEW CONDITION, UNLESS NOTED OTHERWISE.
- DO NOT REMOVE ANY EXISTING STRUCTURAL SUPPORT MEMBERS SUCH AS COLLUMS, 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 AND 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 DEMOLITION 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 COVERED 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) 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
 - (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



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

1 FIRST LEVEL OVERALL DEMOLITION PLAN - BUILDING 5
1/16" = 1'-0"

CONSULTANT 		ARCHITECT/ENGINEER OF RECORD 		STAMP U.S. Department of Veterans Affairs	Drawing Title FIRST LEVEL OVERALL DEMOLITION PLAN - BUILDING 5	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910				
SPECIALIZED ENGINEERING SOLUTIONS 10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5530 www.specializedeng.com		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			Approved:	Fully Sprinklered	Location Sioux Falls, SD	Issue Date 07/06/2021	Checked --	Drawn MM	Building Number 5	Drawing Number AD111-05

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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 WITH 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 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 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 LINETS 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/OR 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 FIRE CALK AND ALL PENETRATIONS SHALL BE SEALED WITH FIRE CALK.

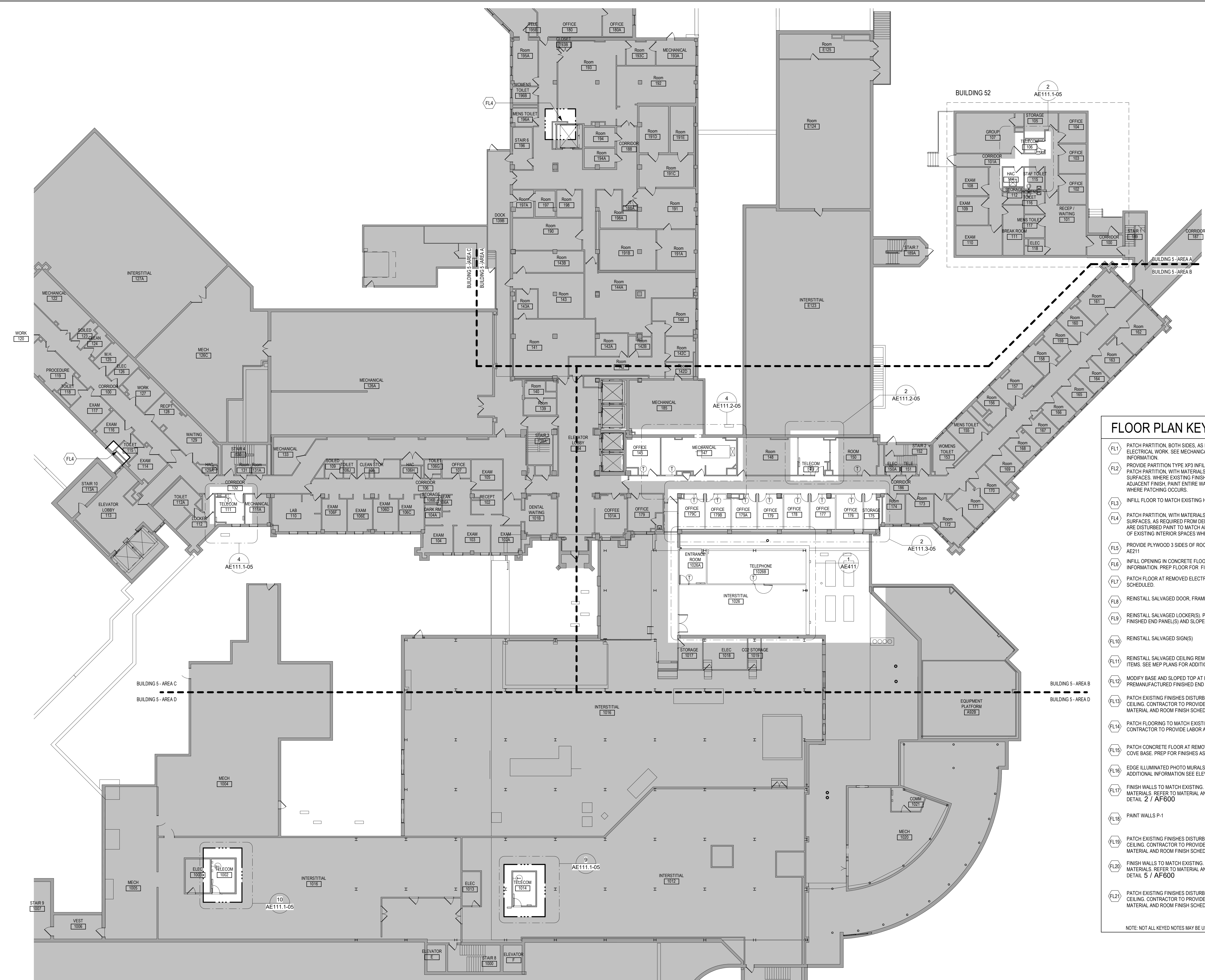
FLOOR PLAN KEYED NOTES

- (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 RADIA TOR 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.
 - (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

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

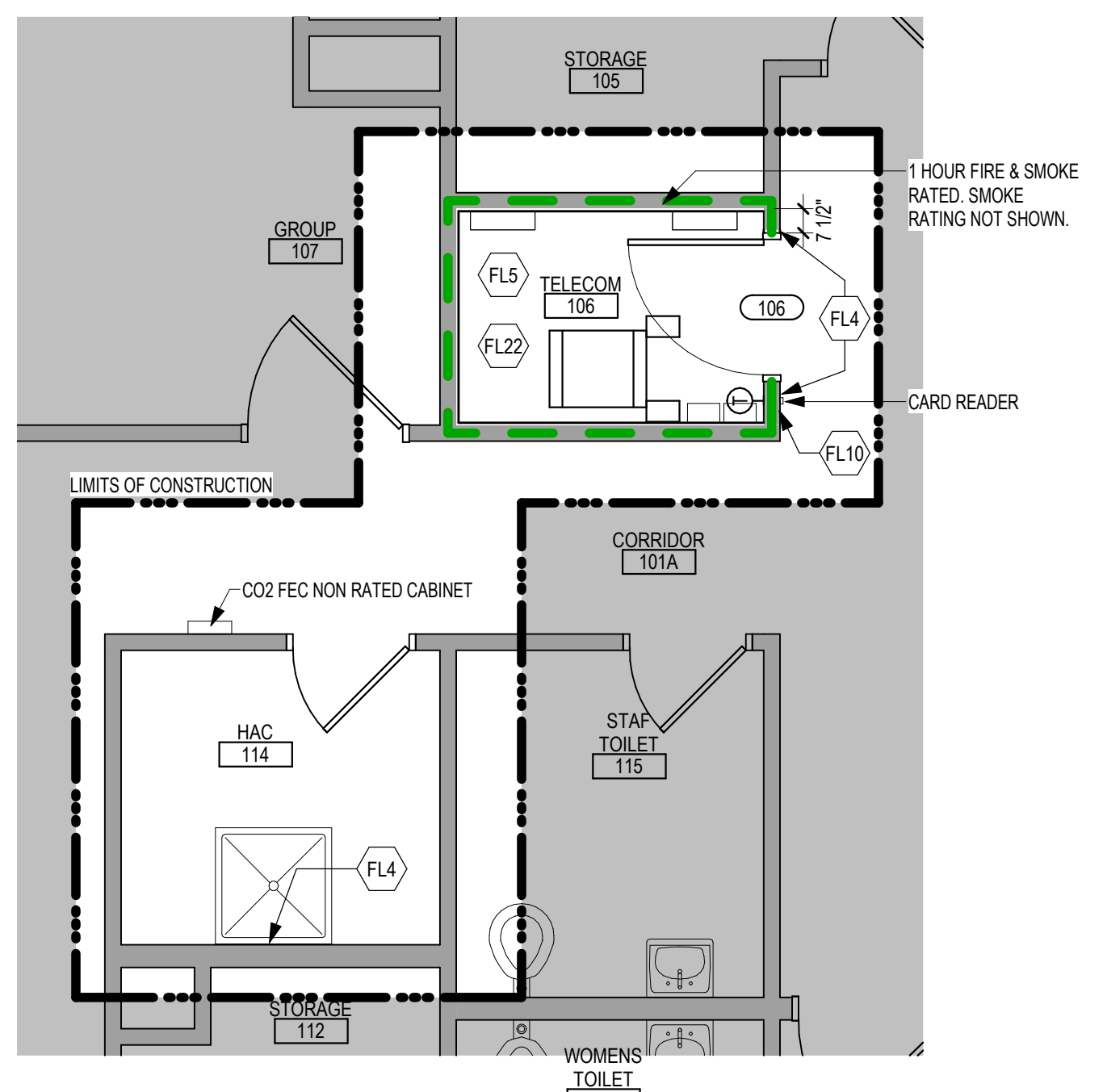
NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN



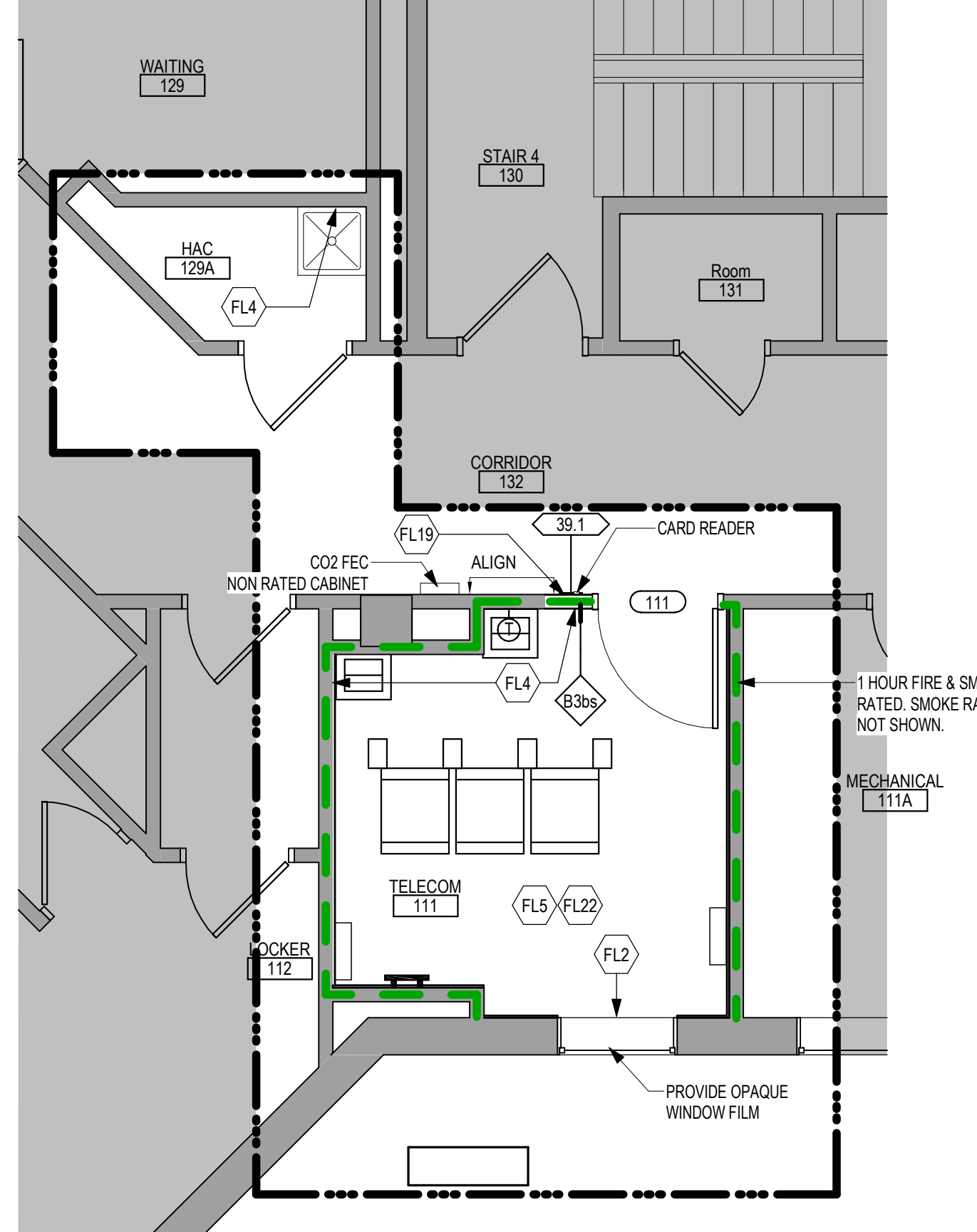
1 FIRST LEVEL FLOOR PLAN OVERALL- BUILDING 5
1/16" = 1'-0"

CONSULTANT AST	ARCHITECT/ENGINEER OF RECORD SPECIALIZED ENGINEERING SOLUTIONS 10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5520 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 Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title FIRST LEVEL OVERALL FOUR 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	Building Number 5
Revisions:	Date:	Issue Date 07/06/2021	Checked Checker	Drawn GJB	Drawing Number AE111-05		

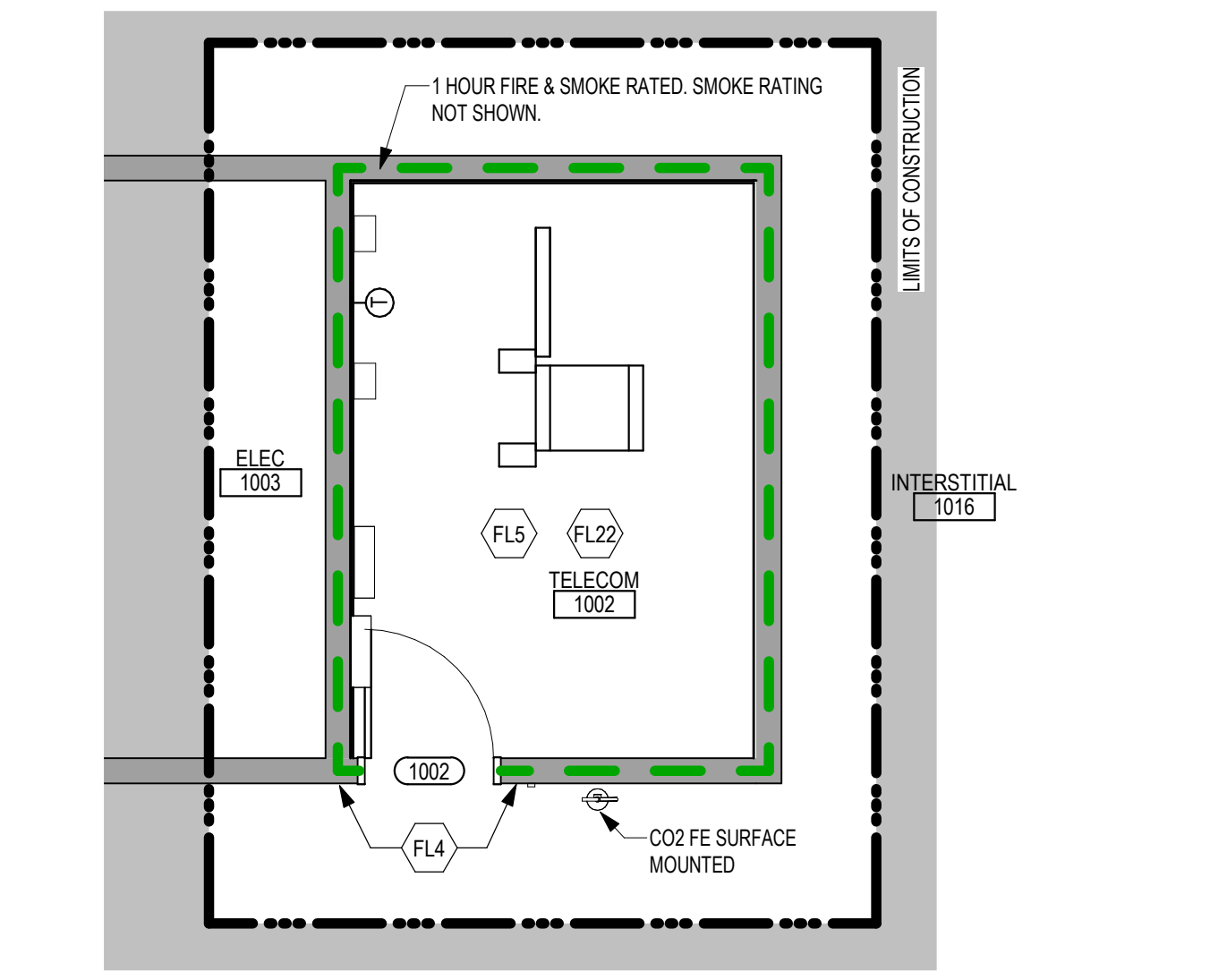
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2 ENLARGED PLAN - TELECOM 106 - BUILDING 52
1/4" = 1'-0"



4 ENLARGED PLAN - TELECOM 111 - BUILDING 5
1/4" = 1'-0"



10 ENLARGED PLAN - TELECOM 1002 - BUILDING 5
1/4" = 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 AND 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 UNPIERCED. ANY SUBCONTRACTOR PENETRATING THE FIREPROOFING SHALL BE REQUIRED TO REPLACE FIREPROOFING TO THE ORIGINAL CONDITION AND FIRE RATINGS, 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 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" FRUITWOOD 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 CAULK AND ALL PENETRATIONS SHALL BE SEALED WITH FIRE CAULK.

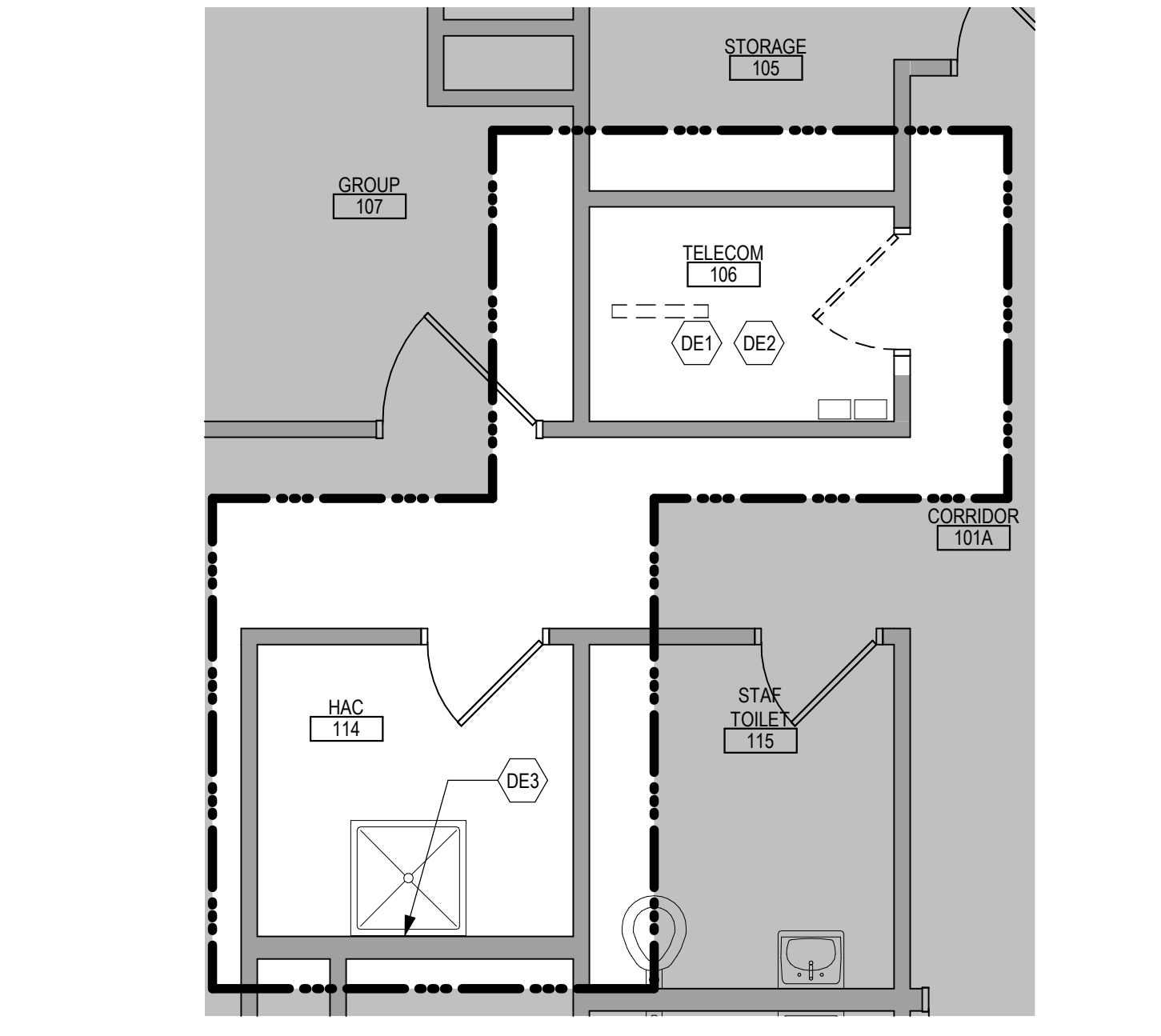
FLOOR PLAN SYMBOLS

	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 AE301	DETAIL REFERENCE TAG
	KEY NOTE	FP10	KEY NOTE
	INTERIOR SECTION REFERENCE TAG	1A AE201	EXTERIOR SECTION REFERENCE TAG
	REVISION TAG	PR01	REVISION CLOUD
	GRIDLINE	99.3	SIGN TAG

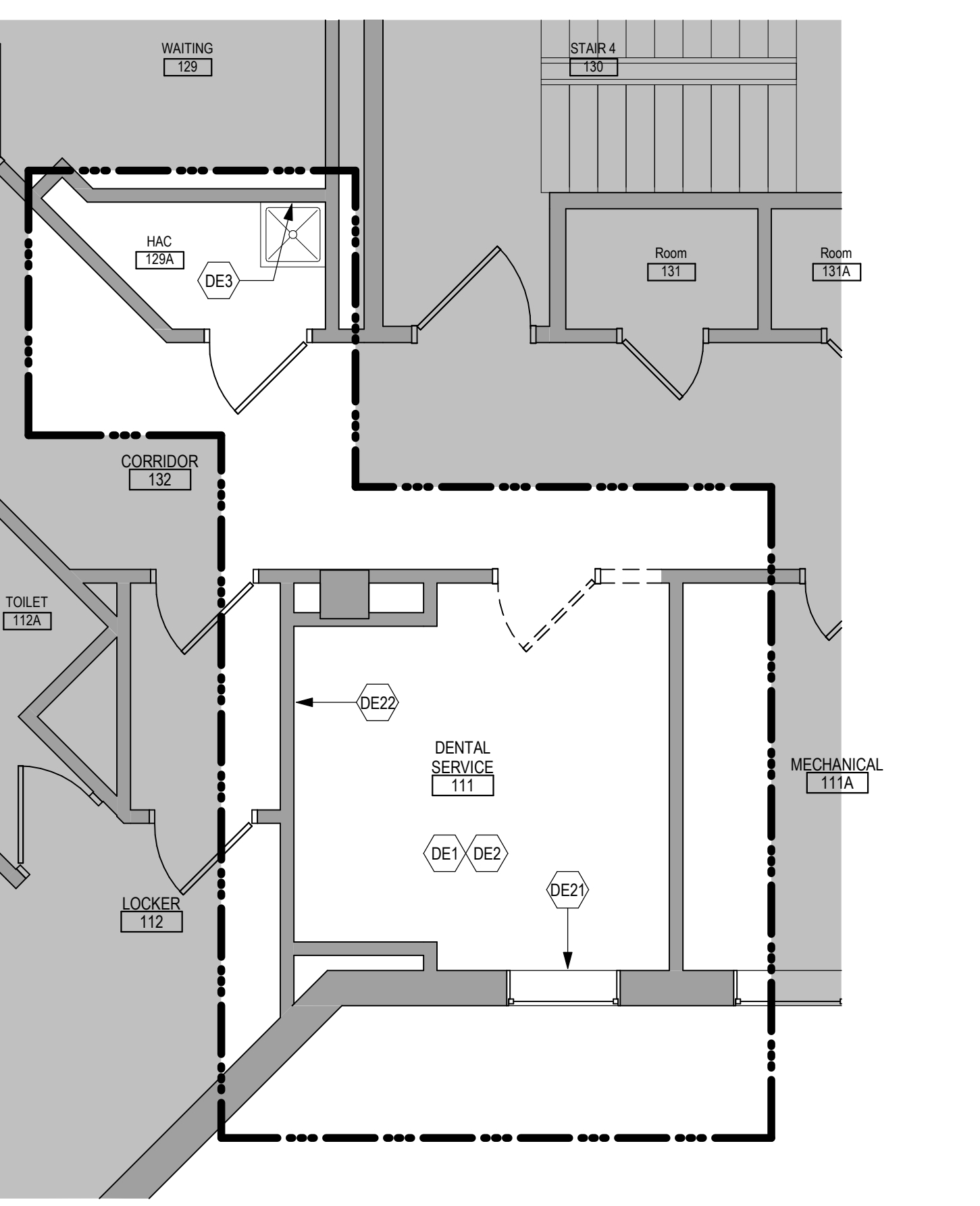
NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

FLOOR PLAN KEYED NOTES

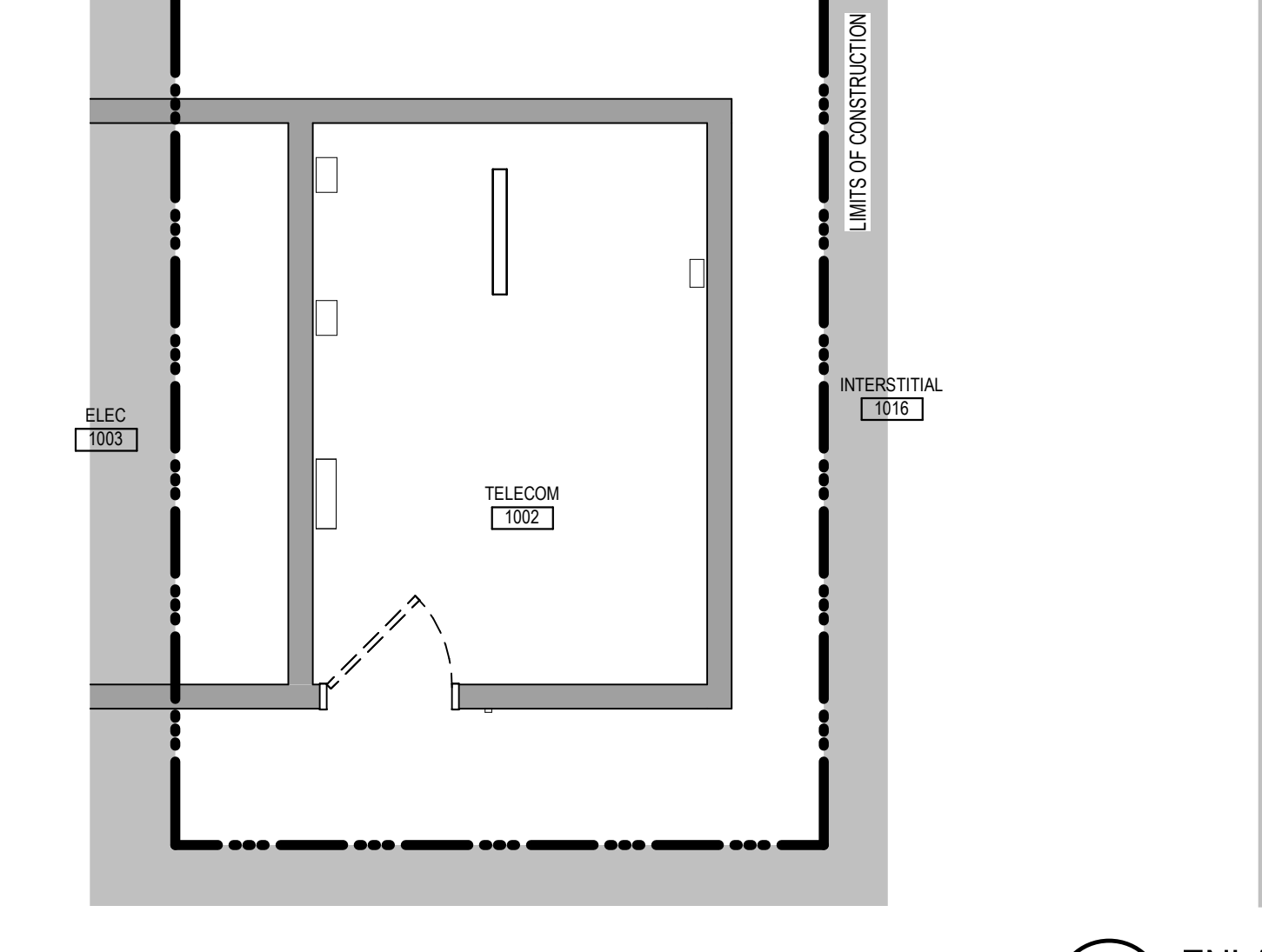
- FL1 PATCH PARTITION, BOTH SIDES, AS REQUIRED FROM MECHANICAL / ELECTRICAL WORK. SEE MECHANICAL / ELECTRICAL FOR ADDITIONAL INFORMATION.
 - FL2 PROVIDE PARTITION TYPE XP3 INFILL AT REMOVED RADIATOR GRILLES. PATCH PARTITION, WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES. WHERE EXISTING FINISHES 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
 - 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 CAULK.
- NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN



1 ENLARGED DEMOLITION PLAN - TELECOM 106 - BUILDING 52
1/4" = 1'-0"



3 ENLARGED DEMOLITION PLAN - OFFICE 111 - BUILDING 5
1/4" = 1'-0"



8 ENLARGED DEMOLITION PLAN - COMM 1002 - 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 (JMO)	KEY NOTE
	GRIDLINE	

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

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

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

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. PREPARE SLAB SURFACE FOR SCHEDULED FINISHES WITHIN AREA TO BE DEMOLISHED, 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 DEMOLISHED.
- 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 DAMAGED, SUCH AS WALL CABINETS, SHELVING, 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 AND 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 CHIP 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 THOUGH 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 COVERED 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 OPENINGS 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

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Revisions:	Date:

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title
FIRST LEVEL ENLARGED DEMOLITION & FLOOR PLAN - BUILDING 5 & 52

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
02/18/2022

Checked
Checker

Drawn
Author

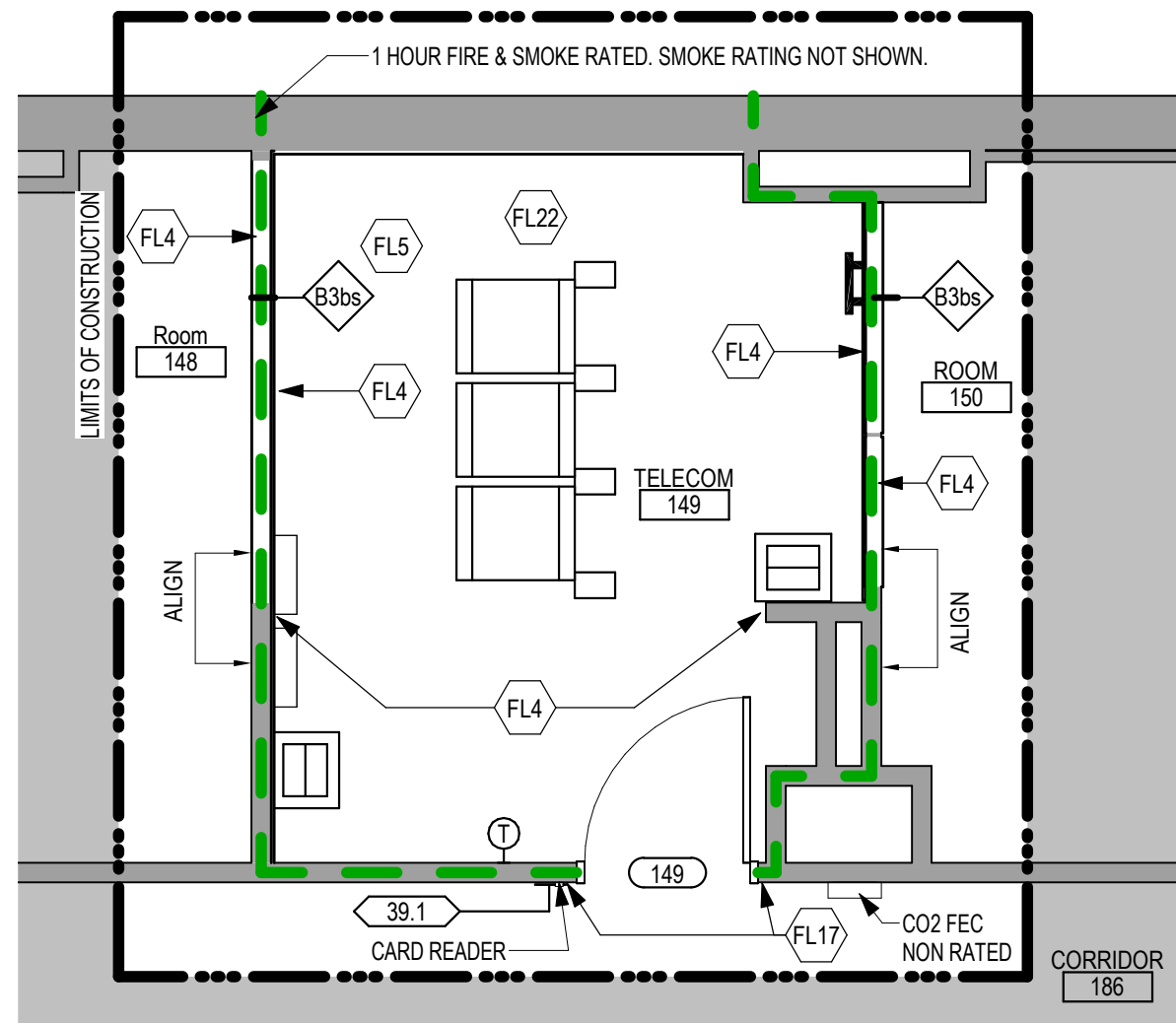
Project Number
438-20-910

Building Number
5

Drawing Number
AE111.1-05

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



2 ENLARGED PLAN - TELECOM 149 - BUILDING 5
1/4" = 1'-0"

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	283 EQUIPMENT TAG
	WALL TAG	100 FLOOR SPOT ELEVATION
	OFFICE ROOM NUMBER AND NUMBER	1A AE501 DETAIL REFERENCE TAG
	KEY NOTE	
	INTERIOR SECTION REFERENCE TAG	1A AE201 EXTERIOR SECTION REFERENCE TAG
	REVISION TAG	PR01 REVISION CLOUD
	GRIDLINE	99.3 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 PROVIDE PARTITION TYPE XP3 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.
 - 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 CAULK.
- 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.
- 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 UNPIERCED. ANY SUBCONTRACTOR PENETRATING THE FIREPROOFING SHALL PATCH AREA TO MATCH EXISTING ADJACENT AREA OR SURFACE AND PREPARE FOR SCHEDULED FINISH APPLICATION. COORDINATE WORK WITH GENERAL CONTRACTOR PRIOR TO PROCEEDING.
- 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" 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 HEAD OF WALL 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.

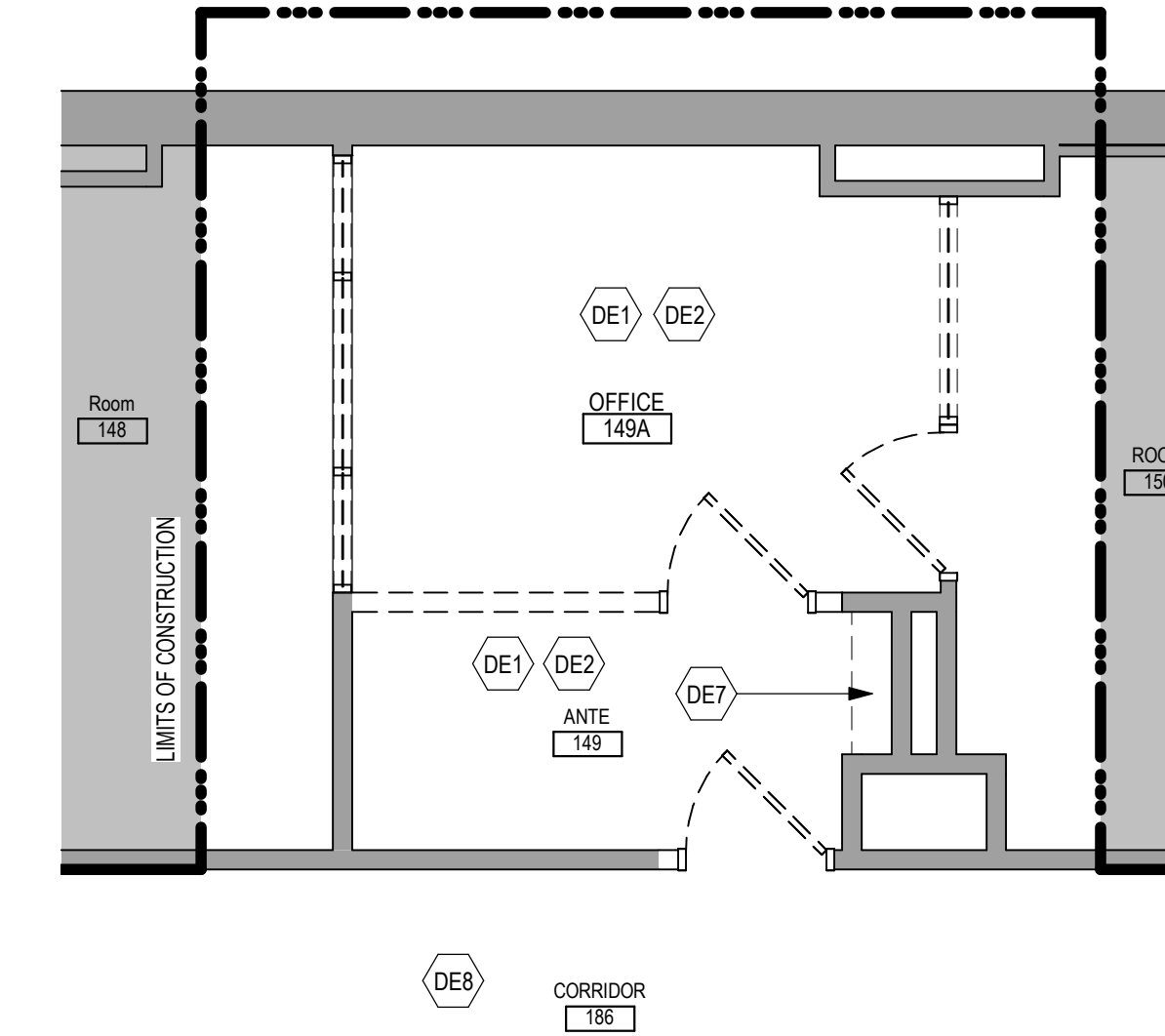
DEMOLITION PLAN SYMBOLS

	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 (AND)		KEY NOTE
	GRIDLINE		

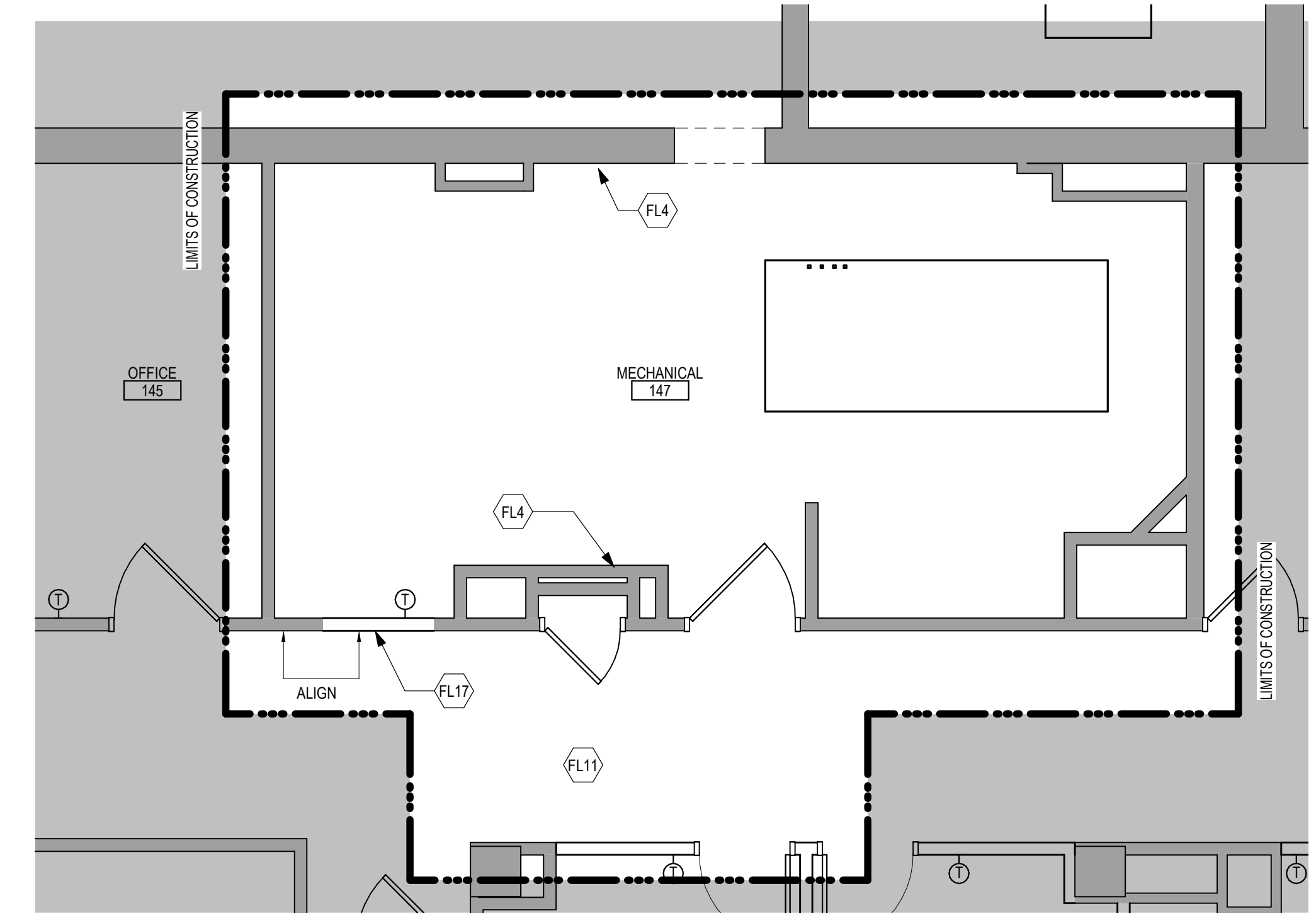
NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

DEMOLITION GENERAL NOTES

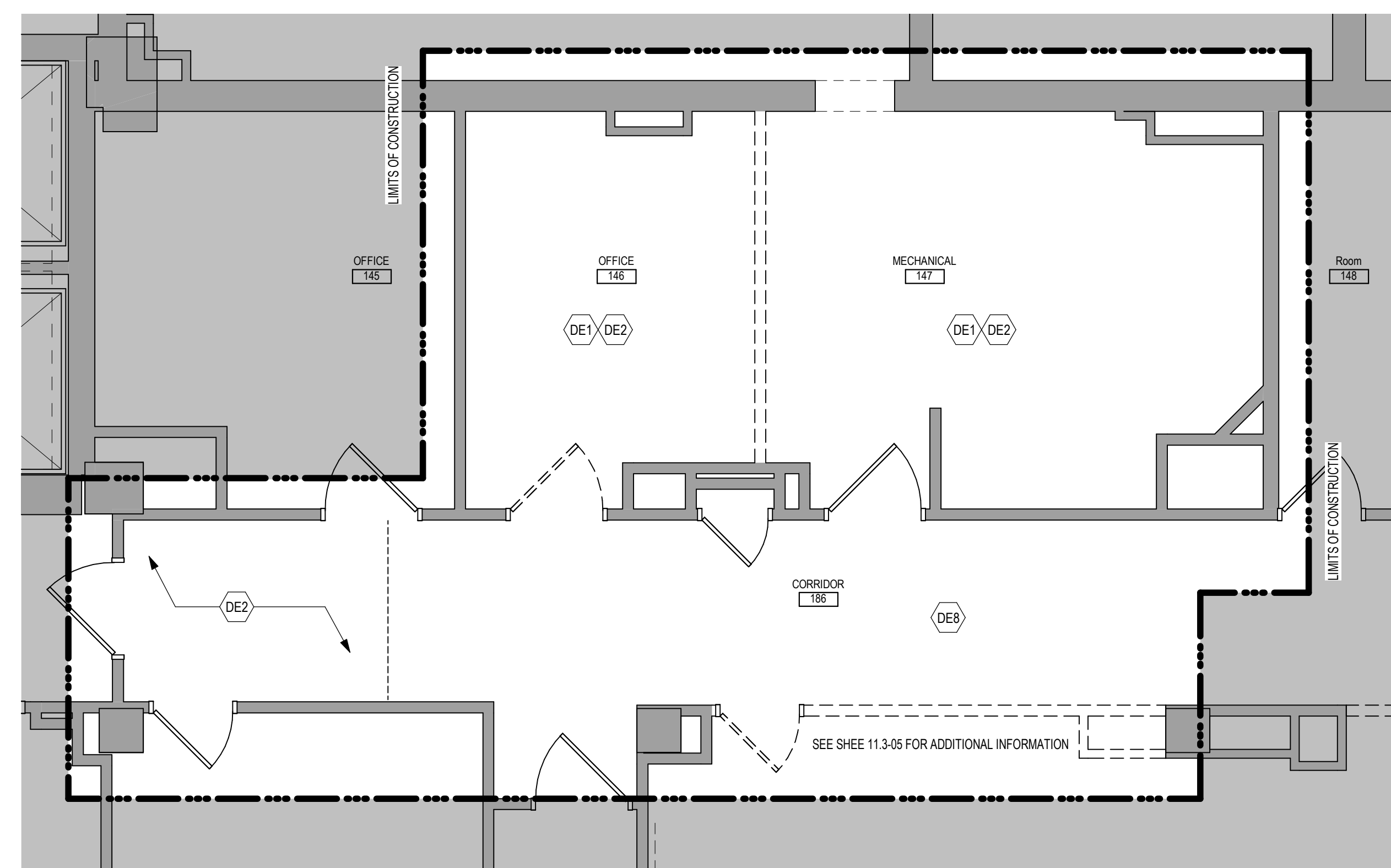
- GENERAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK, PHASING AND SEQUENCING WITH THE OWNER. ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THESE DOCUMENTS IS FOR ARCHITECT - OWNER PLANNING PURPOSES ONLY, UNLESS NOTED OTHERWISE.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL 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, SEALS, GYPSUM BOARD, 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 REMOVAL 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.



1 ENLARGED DEMOLITION PLAN - ROOM 149 & 149A - BUILDING 5
1/4" = 1'-0"



4 ENLARGED PLAN - MECHANICAL 147 & OFFICE 145 - BUILDING 5
1/4" = 1'-0"



3 ENLARGED DEMOLITION PLAN - OFFICE 145 & 146, MECHANICAL 147 - BUILDING 5
1/4" = 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 ROOFING. 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
 - DE27
- NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN OR WITH ABATEMENT AND REMEDIATION WORK.

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Office of Construction and Facilities Management

Drawing Title
FIRST LEVEL ENLARGED DEMOLITION & FLOOR PLAN - BUILDING 5

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
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Checked
Checker

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Project Number
438-20-910

Building Number
5

Drawing Number
AE111.2-05

SEE SHEET AE111.1-05 FOR GENERAL NOTES

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 XP3 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. 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 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		

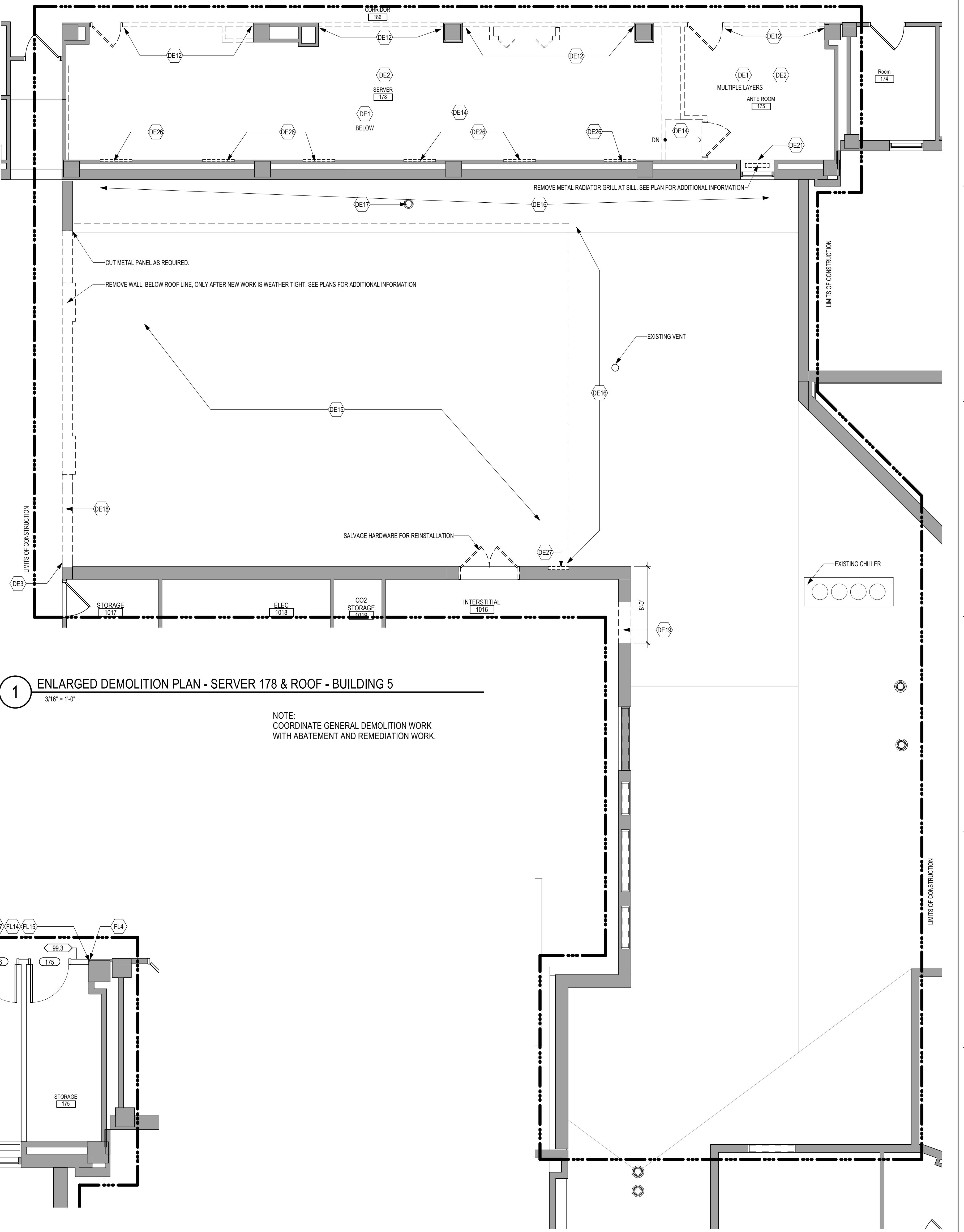
NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

DEMOLITION 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) 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 SLOD 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) not used

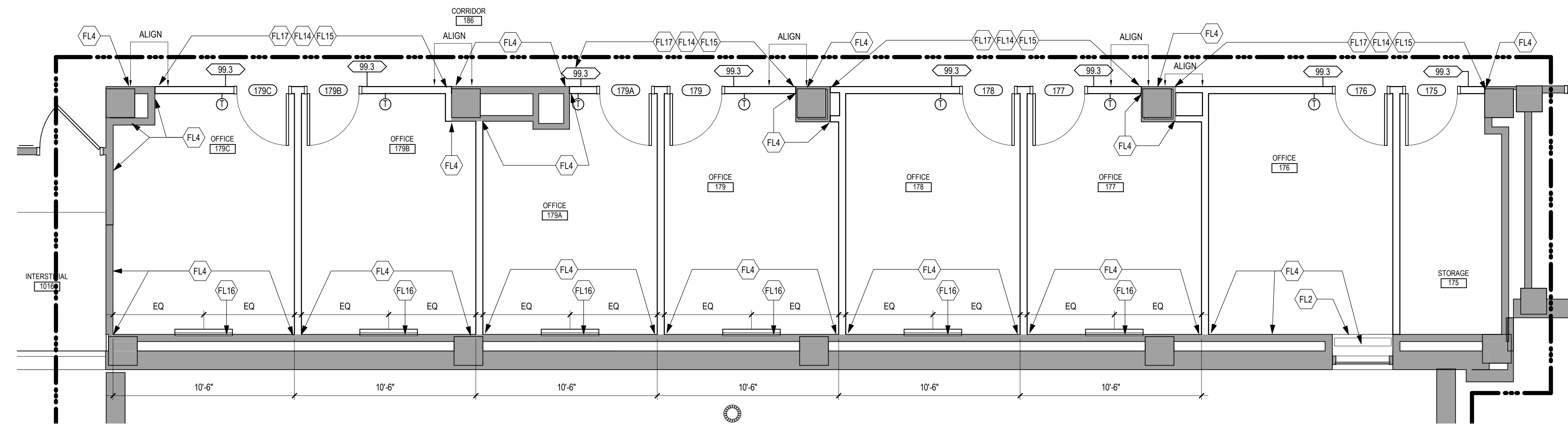
NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

SEE SHEET AD111-05 FOR DEMOLITION GENERAL NOTES



1 ENLARGED DEMOLITION PLAN - SERVER 178 & ROOF - BUILDING 5
3/16" = 1'-0"

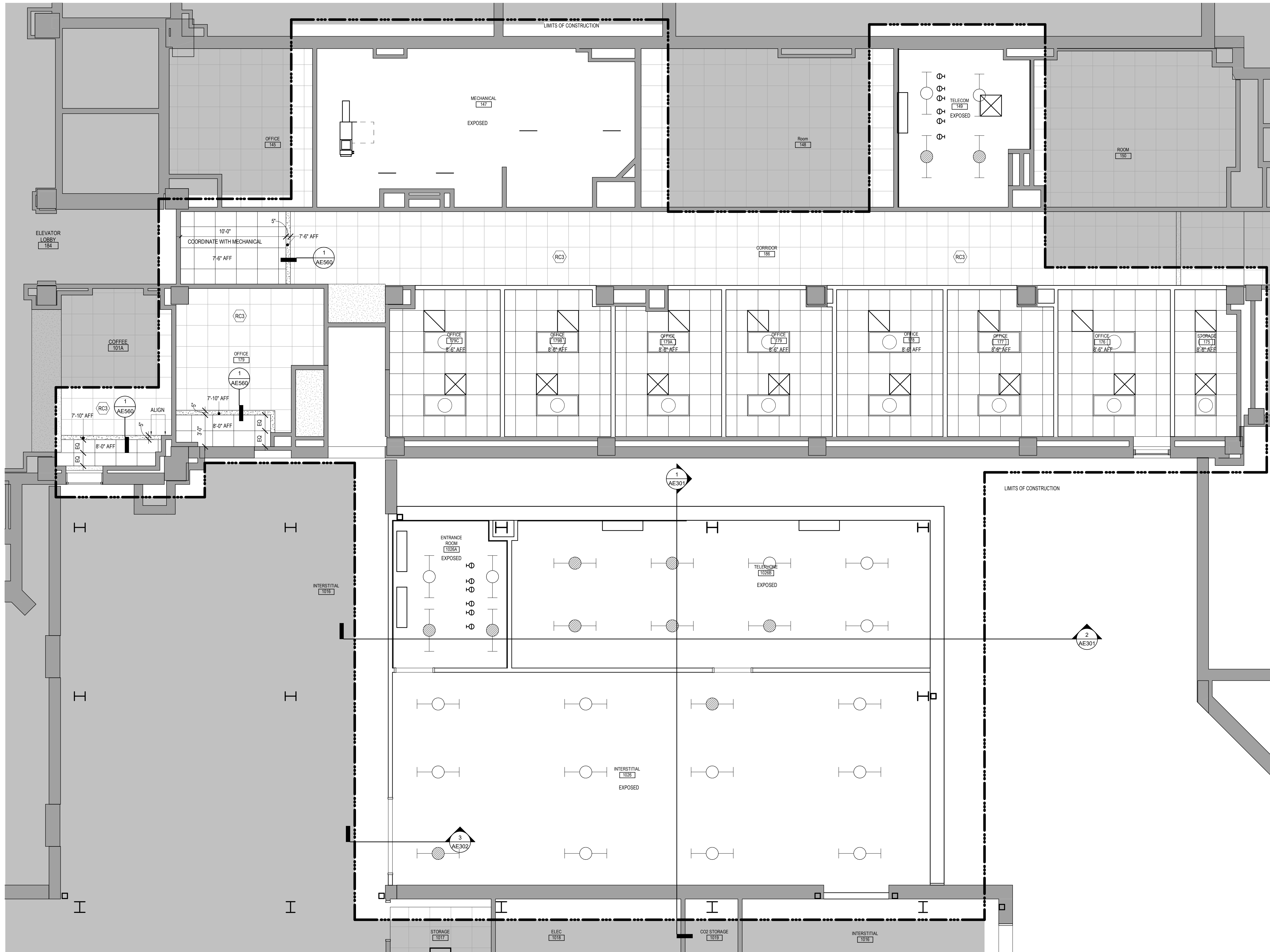
NOTE: COORDINATE GENERAL DEMOLITION WORK WITH ABATEMENT AND REMEDIATION WORK.



2 ENLARGED PLAN - FIRST LEVEL OFFICES - BUILDING 5
1/4" = 1'-0"

<p>Revisions:</p> <table border="1" style="width: 100%; height: 40px;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>									<p>CONSULTANT</p>	<p>ARCHITECT/ENGINEER OF RECORD</p> <p>SPECIALIZED ENGINEERING SOLUTIONS</p> <p>10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5520 www.specializedeng.com</p>	<p>STAMP</p>	<p>Office of Construction and Facilities Management</p> <p>U.S. Department of Veterans Affairs</p>	<p>Drawing Title</p> <p>FIRST LEVEL ENLARGED DEMOLITION & FLOOR PLAN - BUILDING 5</p> <p>Approved:</p>	<p>Phase</p> <p>BID DOCUMENTS</p> <hr/> <p>FULLY SPRINKLERED</p>	<p>Project Title</p> <p>VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES</p> <p>Location</p> <p>Sioux Falls, SD</p> <p>Issue Date</p> <p>07/06/2021</p>	<p>Project Number</p> <p>438-20-910</p> <p>Building Number</p> <p>5</p> <p>Drawing Number</p> <p>AE111.3-05</p>

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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\"/>
	ACT CEILING SYSTEM		2'-0\"/>
	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\"/>

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

REFLECTED CEILING KEYED NOTES

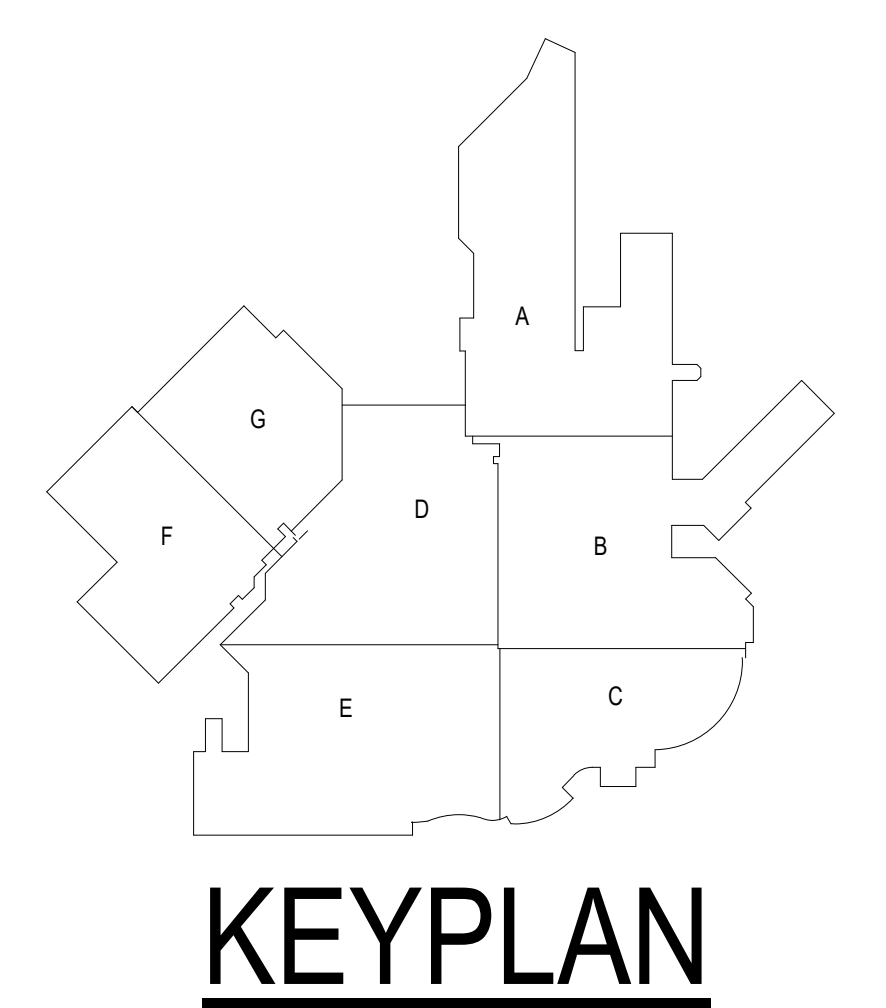
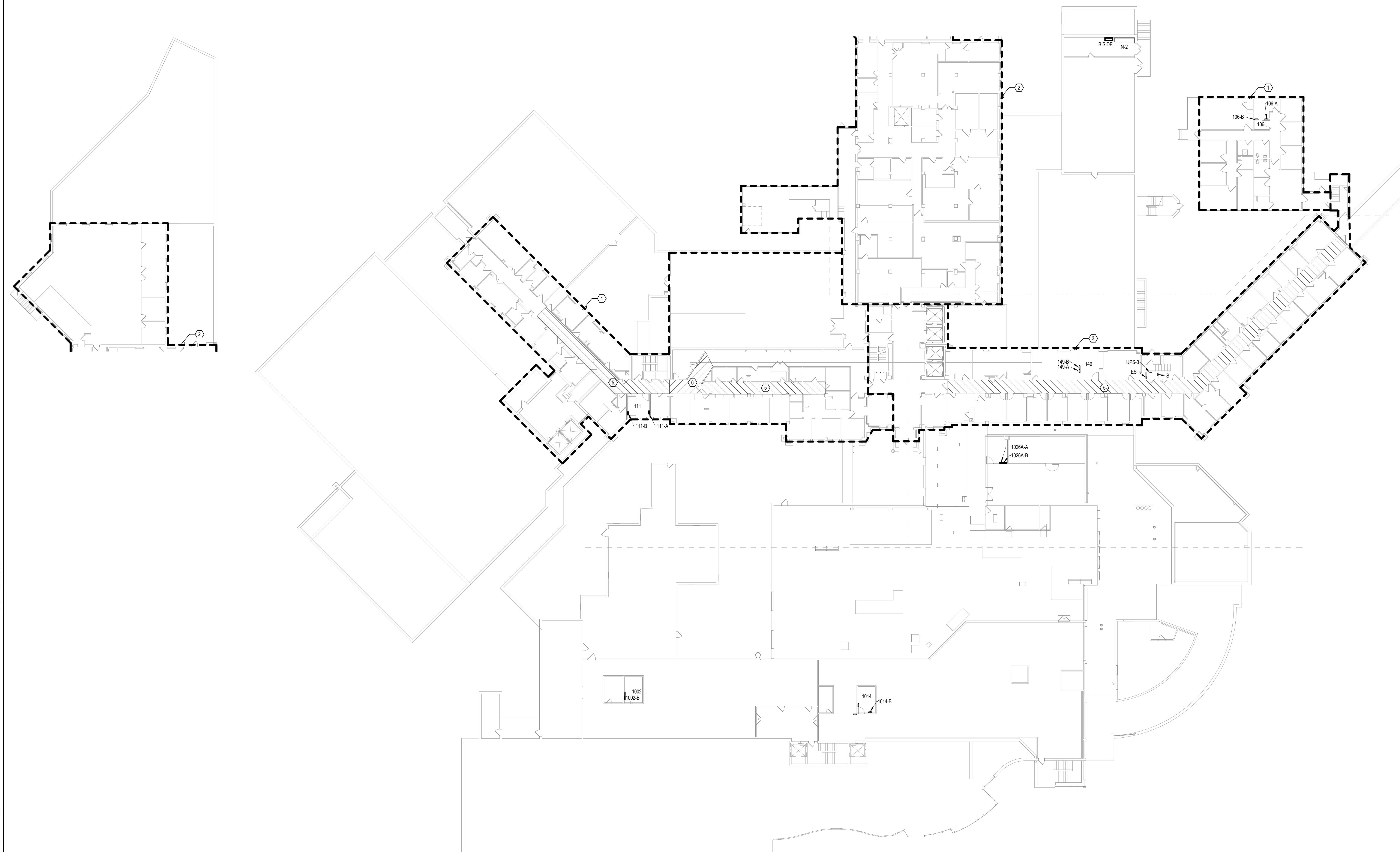
- (RC1)** PATCH / MODIFY CEILING TO MATCH EXISTING AS NECESSARY. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REPLACE ANY BROKEN, DAMAGED OR DIRTY ACT TILES AND CEILING GRID. COORDINATE WITH OWNER FOR ACT AND CEILING GRID TYPE. WHERE EXISTING FINISHES ARE DISTURBED ON PAINTED SURFACES, PAINT TO MATCH ADJACENT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

1 PARTIAL FIRST LEVEL REFLECTED CEILING PLAN - BUILDING 5
1/4" = 1'-0"

Revisions:	Date:

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			Fully Sprinklered FULLY SPRINKLERED	Location Sioux Falls, SD	Issue Date 07/06/2021	Checked Checker

- SHEET NOTES:**
1. AREA CONTAINS CAT 6 CABLING. NO RECABLING IS ANTICIPATED IN THIS AREA.
 2. AREA TO BE RENOVATED UNDER FUTURE KITCHEN PROJECT. NO RECABLING IS ANTICIPATED IN THIS AREA.
 3. RECALE ALL CABLES IN THIS AREA TO ROOM 149.
 4. RECALE ALL CABLES IN THIS AREA TO ROOM 111.
 5. ROUTE NEW CABLING IN EXISTING CABLE TRAY IN THIS AREA.
 6. ROUTE NEW CABLING IN NEW CABLE TRAY IN THIS AREA.



1 FIRST LEVEL ELECTRICAL FLOOR PLAN - BUILDING 5 - OVERALL
3/8" = 1'-0"

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U.S. Department of Veterans Affairs

Drawing Title
FIRST 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

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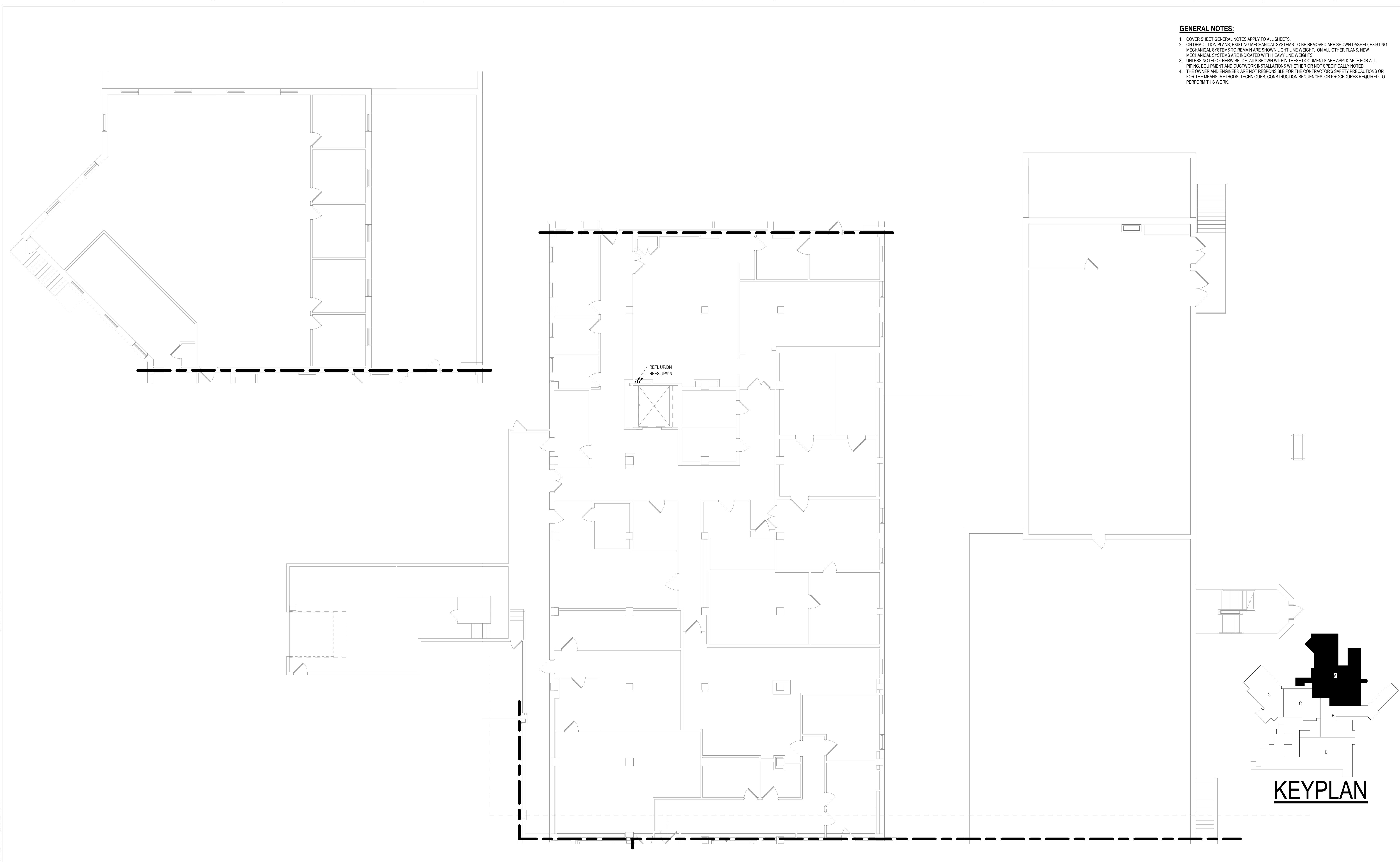
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Project Number
438-20-910

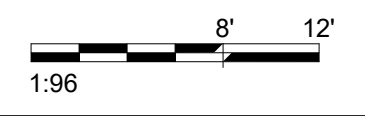
Building Number
5

Drawing Number
EE111-05





- 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.

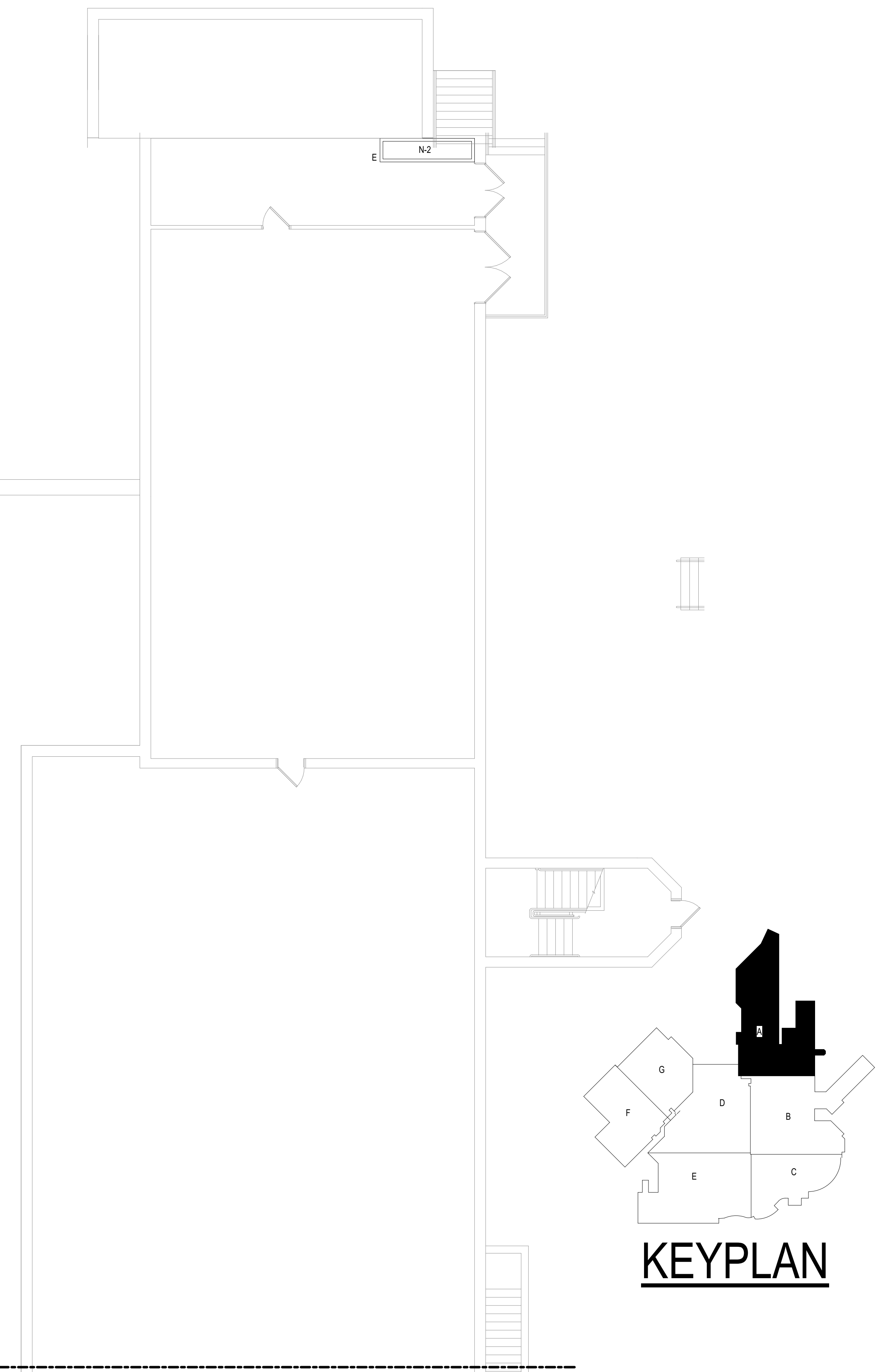
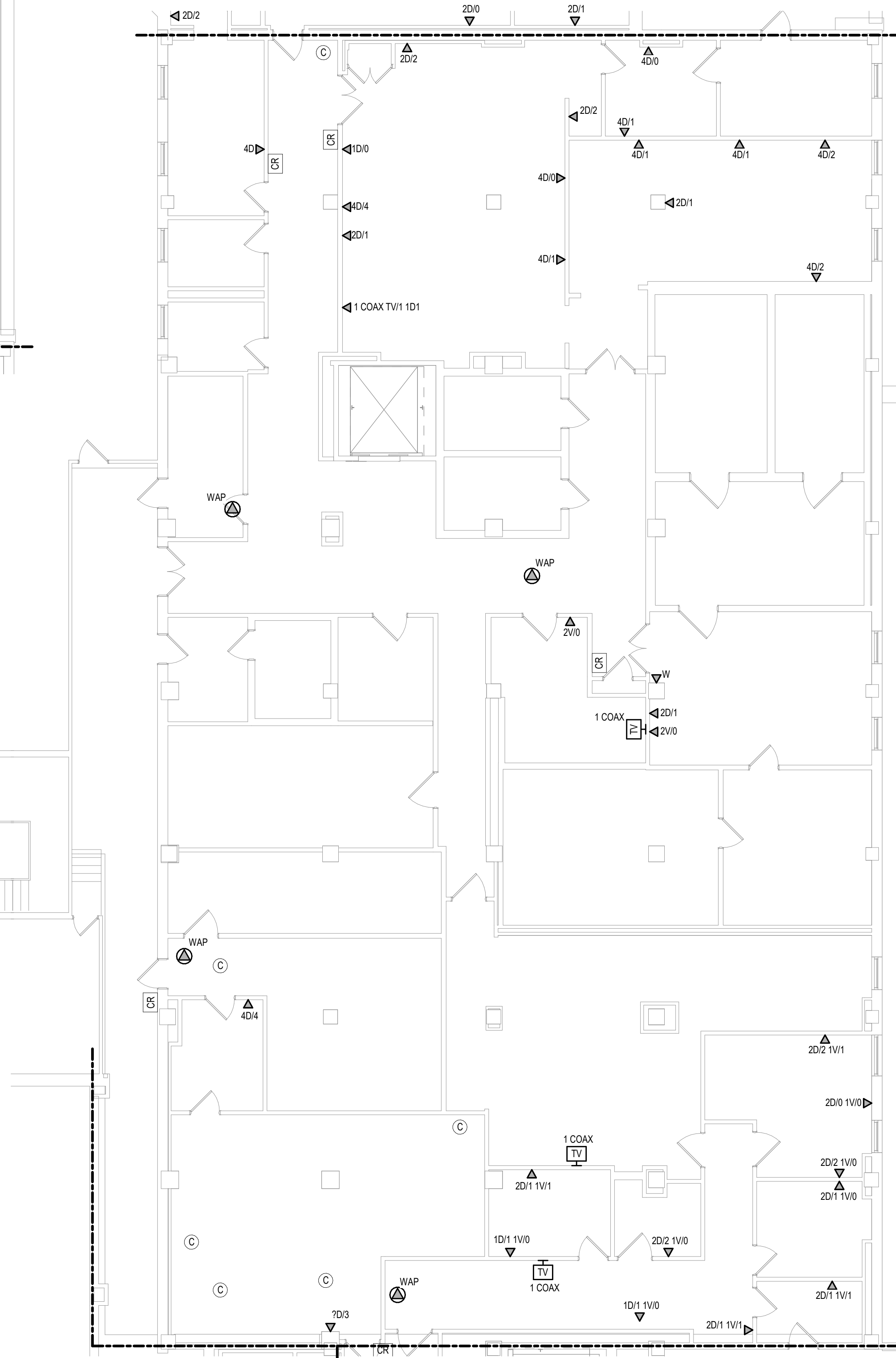
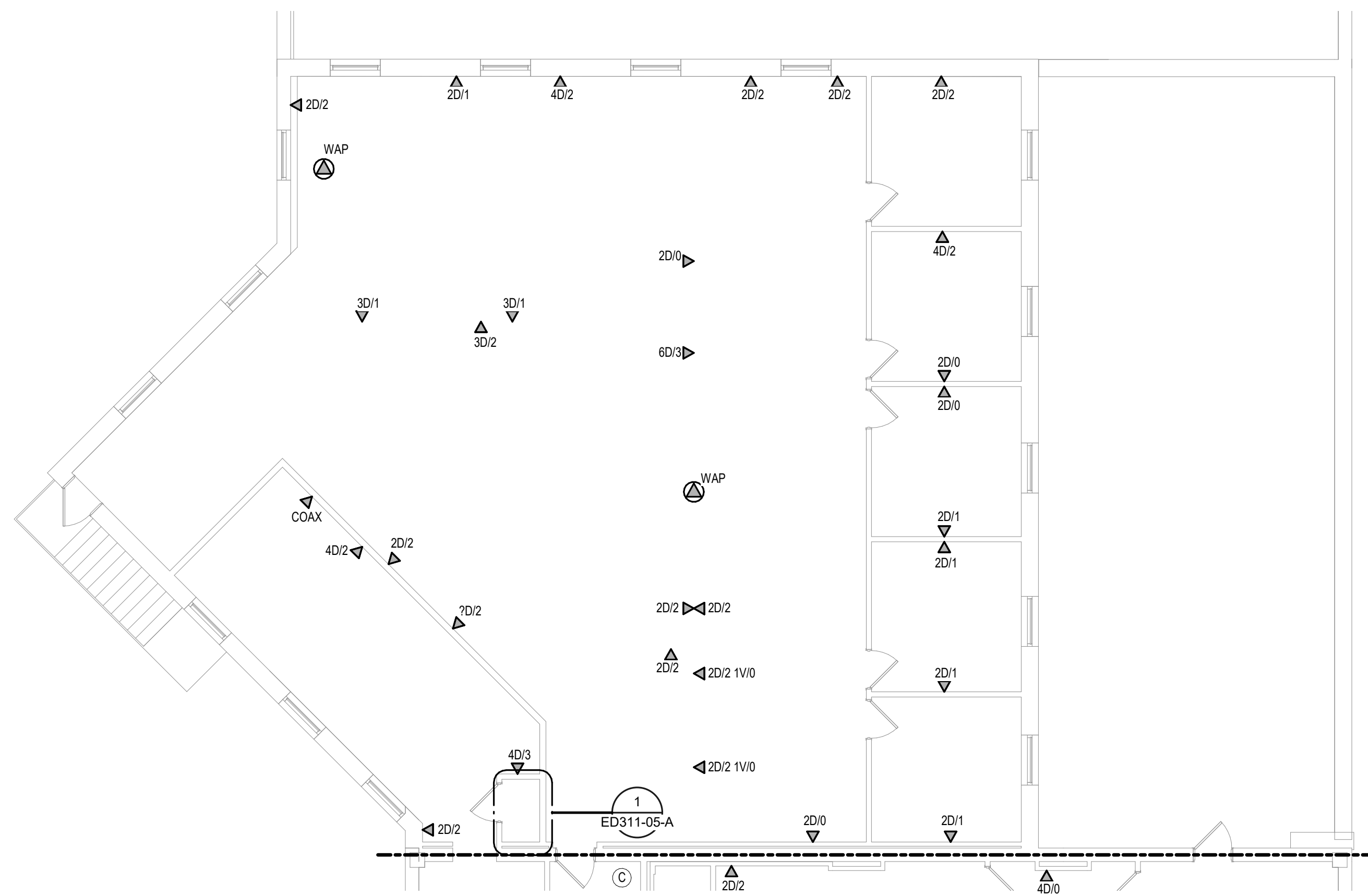


1 FIRST LEVEL PIPING PLAN - BUILDING 5 - AREA A
1/8" = 1'-0"



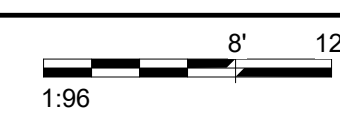
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KEYPLAN

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



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FIRST LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA A

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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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NMT

Project Number
438-20-910

Building Number
5

Drawing Number
ED111-05-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 195B

EXISTING CABLE COUNT
DATA (CAT6): 144
DATA (CAT5): 13
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0

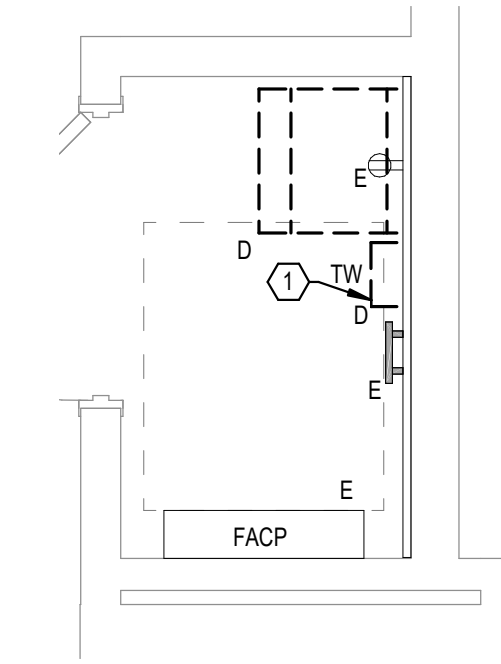
CABLE RELOCATION COUNT
DATA (CAT6) -144 TO ROOM 296
DATA (CAT5) -13 TO ROOM 296
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0

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

FINAL CABLE COUNT
DATA (CAT6): 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.



1 FIRST LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - AREA A - ROOM 195B
1/2" = 1'-0"



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Drawing Title
FIRST LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - ENLARGED ROOMS - AREA A

Approved:

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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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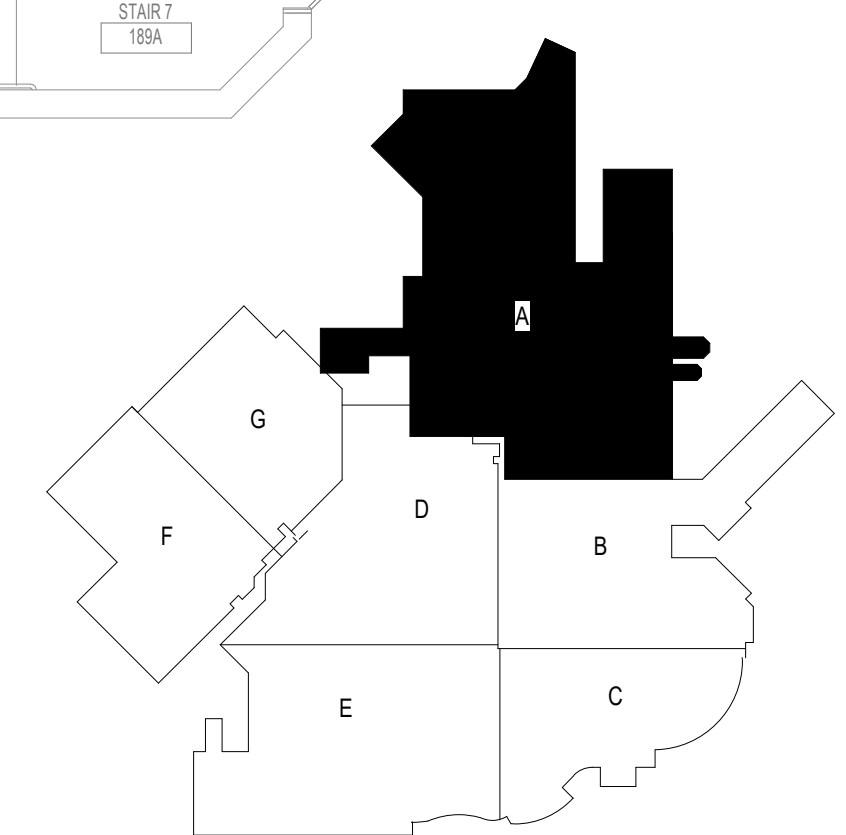
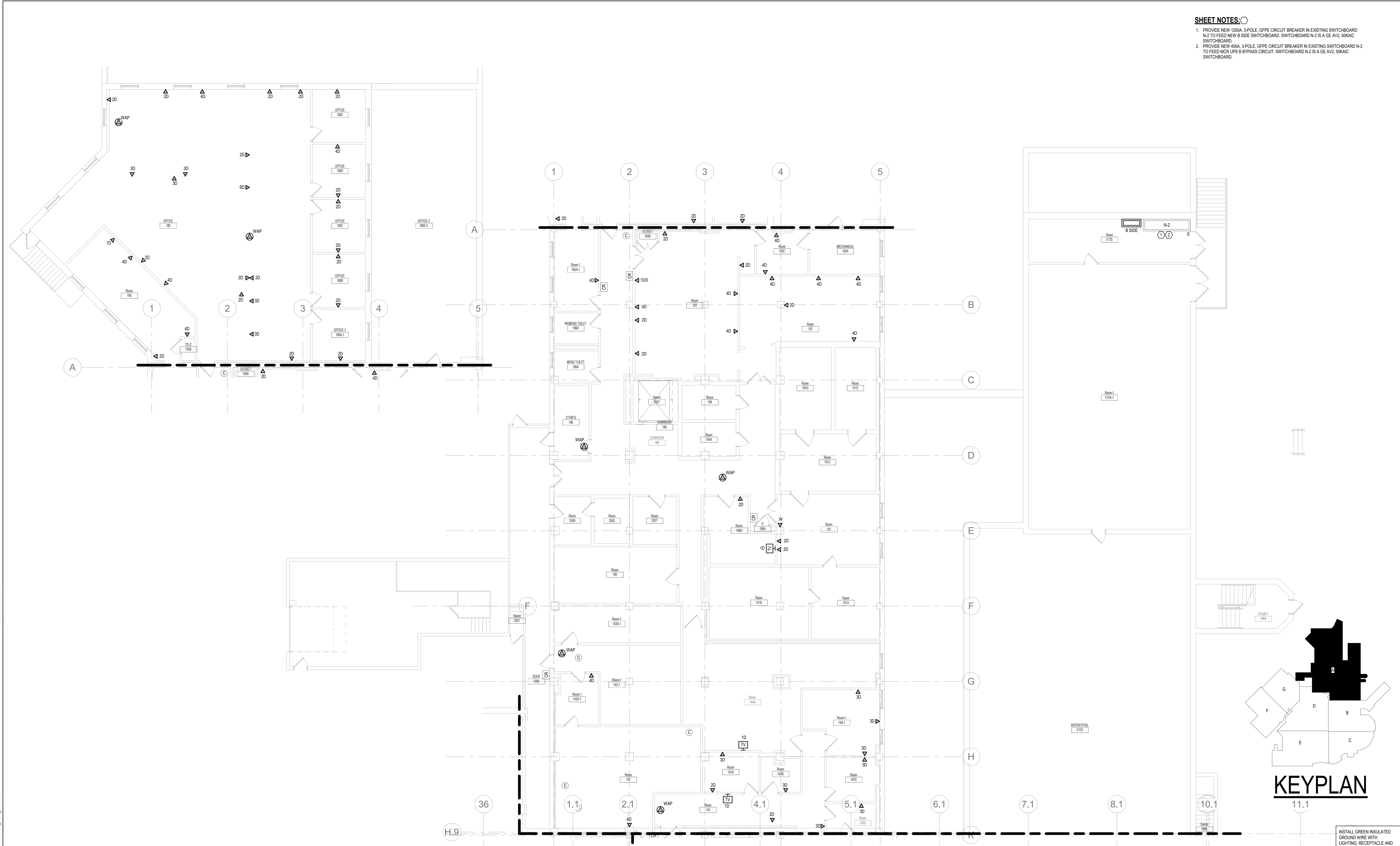
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438-20-910

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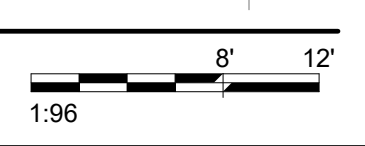
Drawing Number
ED311-05-A

- SHEET NOTES:**
1. PROVIDE NEW 1200A, 3-POLE, GFPE CIRCUIT BREAKER IN EXISTING SWITCHBOARD N-2 TO FEED NEW B SIDE SWITCHBOARD. SWITCHBOARD N-2 IS A GE AV2, 50KAC SWITCHBOARD.
 2. PROVIDE NEW 400A, 3-POLE, GFPE CIRCUIT BREAKER IN EXISTING SWITCHBOARD N-2 TO FEED MCR UPS B BYPASS CIRCUIT. SWITCHBOARD N-2 IS A GE AV2, 50KAC SWITCHBOARD.



KEYPLAN

1 FIRST LEVEL LOW VOLTAGE FLOOR PLAN- BUILDING 5 - AREA A
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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Drawing Title
FIRST LEVEL LOW VOLTAGE PLAN - BUILDING 5 - AREA A

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Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

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Project Number
438-20-910

Building Number
5

Drawing Number
TN111-05-A

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12/10/2021 10:07 AM

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B SIDE

LOCATION: Room E125 VOLTS: 480/277 WYE MAINS TYPE: MCB
SUPPLY FROM: N-2 PHASES: 3 MCB/MLO RATING: 1200 A
BRANCH: NORMAL WIRES: 4 MCB OPTIONS: GFP, E RMS
SERVICE RATED: No INTEGRAL SPD: Yes SECTIONS: 1
AVAILABLE SCC (KA): 48.9

CKT	CIRCUIT DESCRIPTION	OPT	POLES	RATING	LOAD	CIRCUIT REMARKS
1	CRAC-3 MAIN SERVER ROOM 201		3	80 A	49799 VA	
2	CRAC-4 MAIN SERVER ROOM 201		3	80 A	49799 VA	
3	ACCU-3		3	15 A	5820 VA	
4	ACCU-4		3	15 A	5820 VA	
5	MCR UPS B	--	3	400 A	241933 VA	
6	B1 VIA T-B1		3	225 A	205278 VA	
7	B2 VIA T-B2		3	225 A	197047 VA	
8	SPARE	--	3	80 A	0 VA	
9	SPARE	--	3	100 A	0 VA	
10	SPARE	--	3	400 A	0 VA	
					Total VA: 755456 VA	
					Total A: 909 A	

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
LTG	1139 VA	125.00%	1423 VA	CONNECTED LOAD: 755456 VA
Spare	241933 VA	100.00%	241933 VA	CONNECTED CURRENT: 909 A
REC	17100 VA	79.24%	13550 VA	DEMAND LOAD: 588074 VA
MTR	132113 VA	109.42%	144563 VA	DEMAND CURRENT: 707 A
PWR-NC	363211 VA	51.38%	186606 VA	CONSIDER 125% DEMAND: 735093 A
				EQUIPMENT AMPS: 1200 A
				SPARE CAPACITY: 41
				493 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).

Revisions:	Date:


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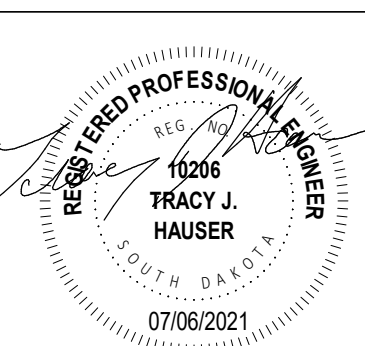
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Drawing Title
PANEL SCHEDULES - BUILDING 5 - FIRST LEVEL - AREA A

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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Project Number
438-20-910

Building Number
5

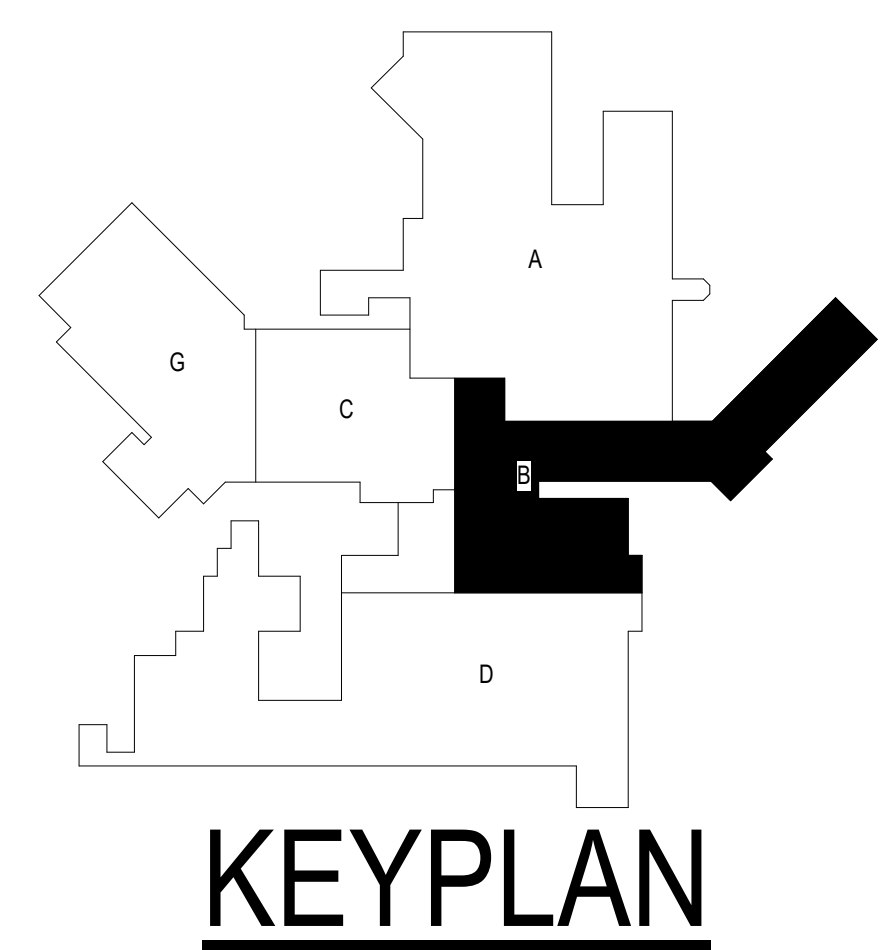
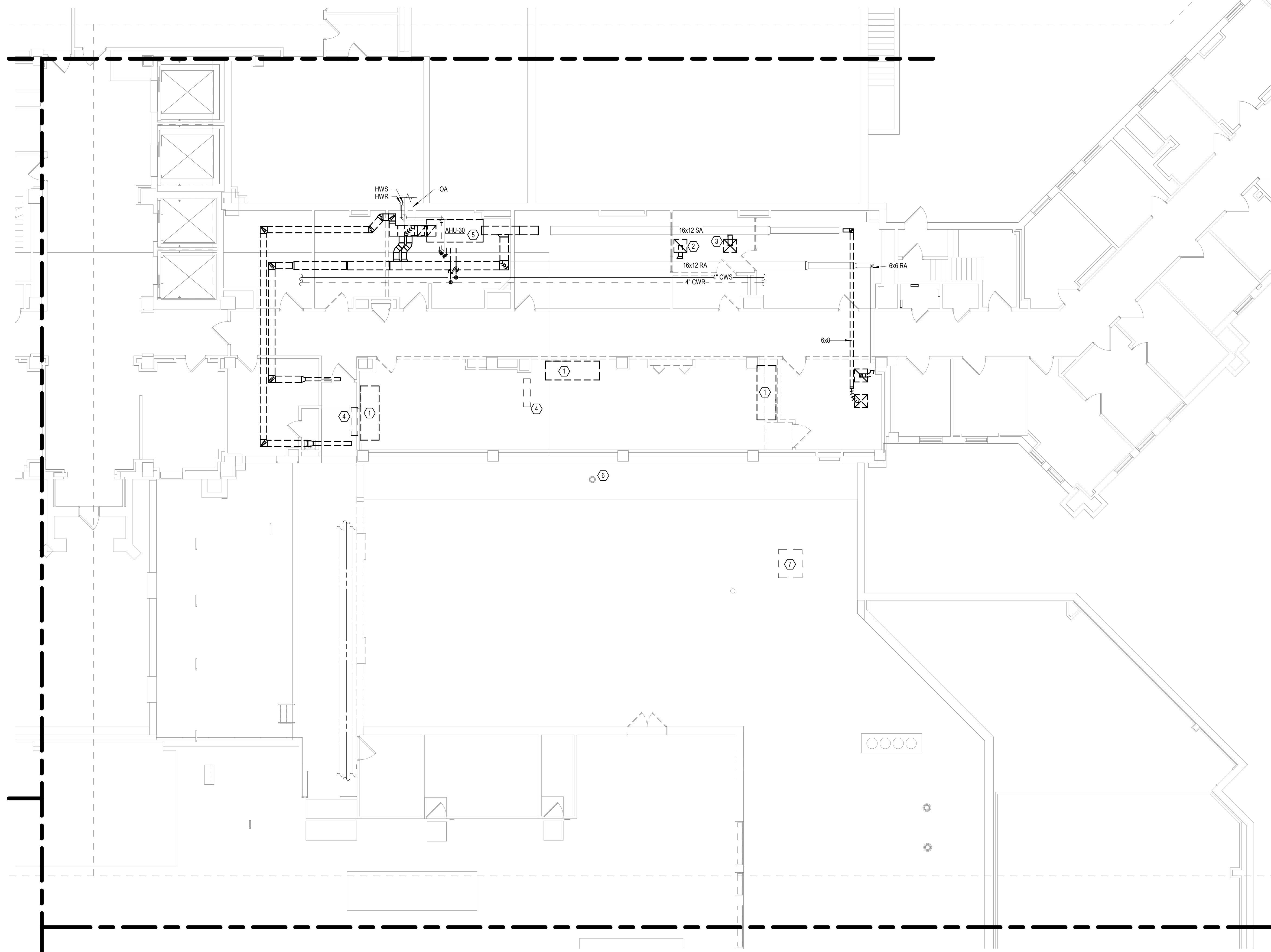
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GENERAL NOTES:

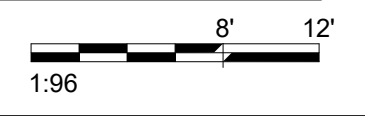
1. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
2. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
3. UNLESS NOTED OTHERWISE, 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. DEMOLISH EXISTING COMPUTER ROOM AIR CONDITIONERS AND ALL ASSOCIATED APPURTENANCES.
2. DEMOLISH RETURN AIR GRILLE AND ASSOCIATED DUCTWORK BACK TO MAIN AND CAP.
3. DEMOLISH SUPPLY DUCTWORK AND CAP.
4. DEMOLISH DRY FIRE SUPPRESSION SYSTEM IN ITS ENTIRETY.
5. DEMOLISH AHU-30 SUSPENDED IN SPACE, AND ASSOCIATED PIPING AND DUCT CONNECTIONS AS INDICATED. PREPARE PIPING AND DUCTWORK FOR NEW CONNECTIONS.
6. DEMOLISH 4" ROOF DRAIN.
7. DEMOLISH OUTDOOR CONDENSING UNIT SERVING SERVER ROOM CRAC UNIT AND ASSOCIATED PIPING AND PIPING SUPPORTS. PATCH AND REPAIR PENETRATIONS IN EXTERIOR WALL.



1 FIRST LEVEL MECHANICAL DEMOLITION PLAN - BUILDING 5 - AREA B
1/8" = 1'-0"



Revisions:	Date:

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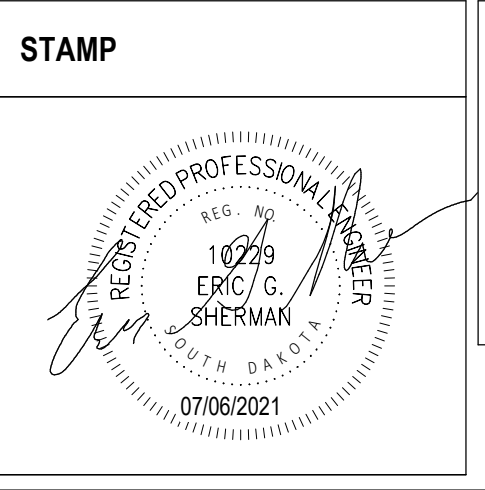
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Drawing Title
FIRST LEVEL MECHANICAL DEMOLITION PLAN - BUILDING 5 - AREA B

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Phase
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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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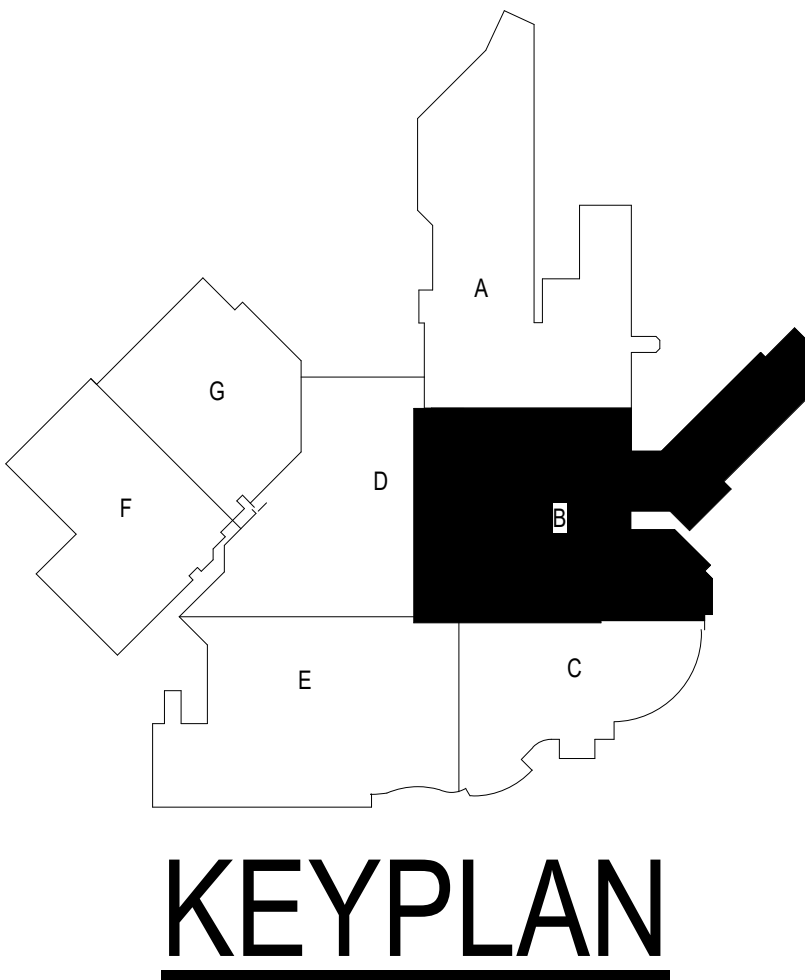
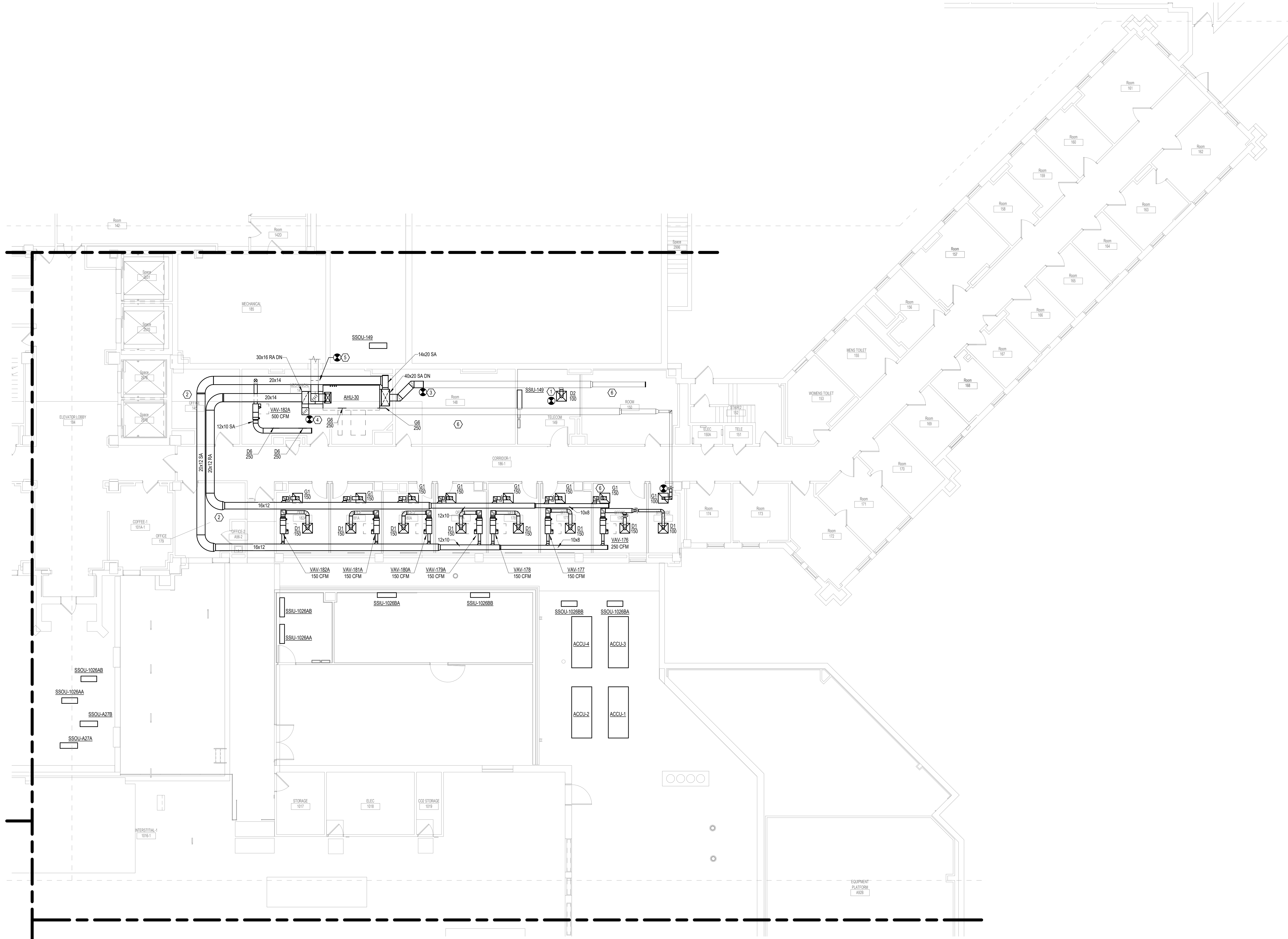
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PHV

Project Number
438-20-910

Building Number
5

Drawing Number
MD111-05-B

- 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 NEW DUCT CONNECTION OF NEW DIFFUSER, SUPPORT NEW DIFFUSER FROM STRUCTURE.
 - CONNECT EXISTING BRANCH DUCTWORK TO NEW DUCT MAINS. BALANCE AIRFLOWS AT EACH OUTLET AND INLET TO PRECONSTRUCTION READINGS.
 - CONNECT EXISTING SUPPLY DUCT MAIN TO NEW DUCTWORK. MATCH EXISTING DUCT SIZE.
 - CONNECT EXISTING RETURN DUCT TO NEW DUCT MAIN. MATCH EXISTING DUCT SIZE.
 - EXTEND OUTDOOR AIR DUCT TO NEW AHU-30. MATCH EXISTING DUCT SIZE.
 - REBALANCE RETURN GRILLES AND SUPPLY DIFFUSERS TO PRECONSTRUCTION READINGS.



1 FIRST LEVEL DUCTWORK PLAN - BUILDING 5 - AREA B
1/8" = 1'-0"

1:96

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Drawing Title
FIRST LEVEL DUCTWORK PLAN - BUILDING 5 - AREA B

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Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
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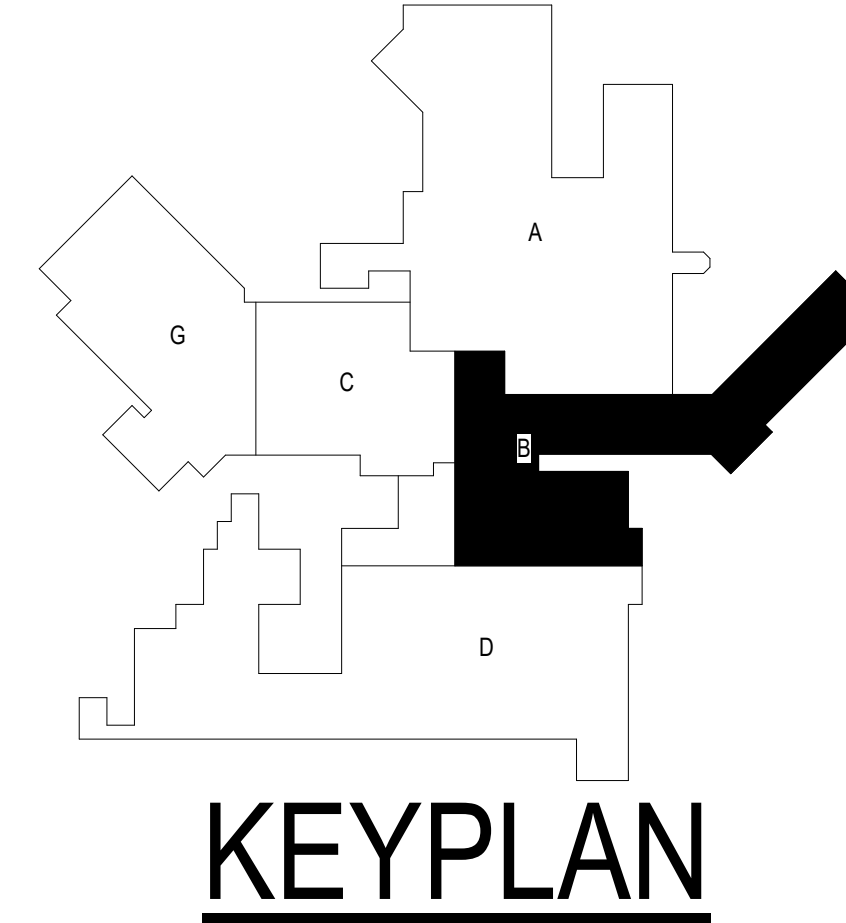
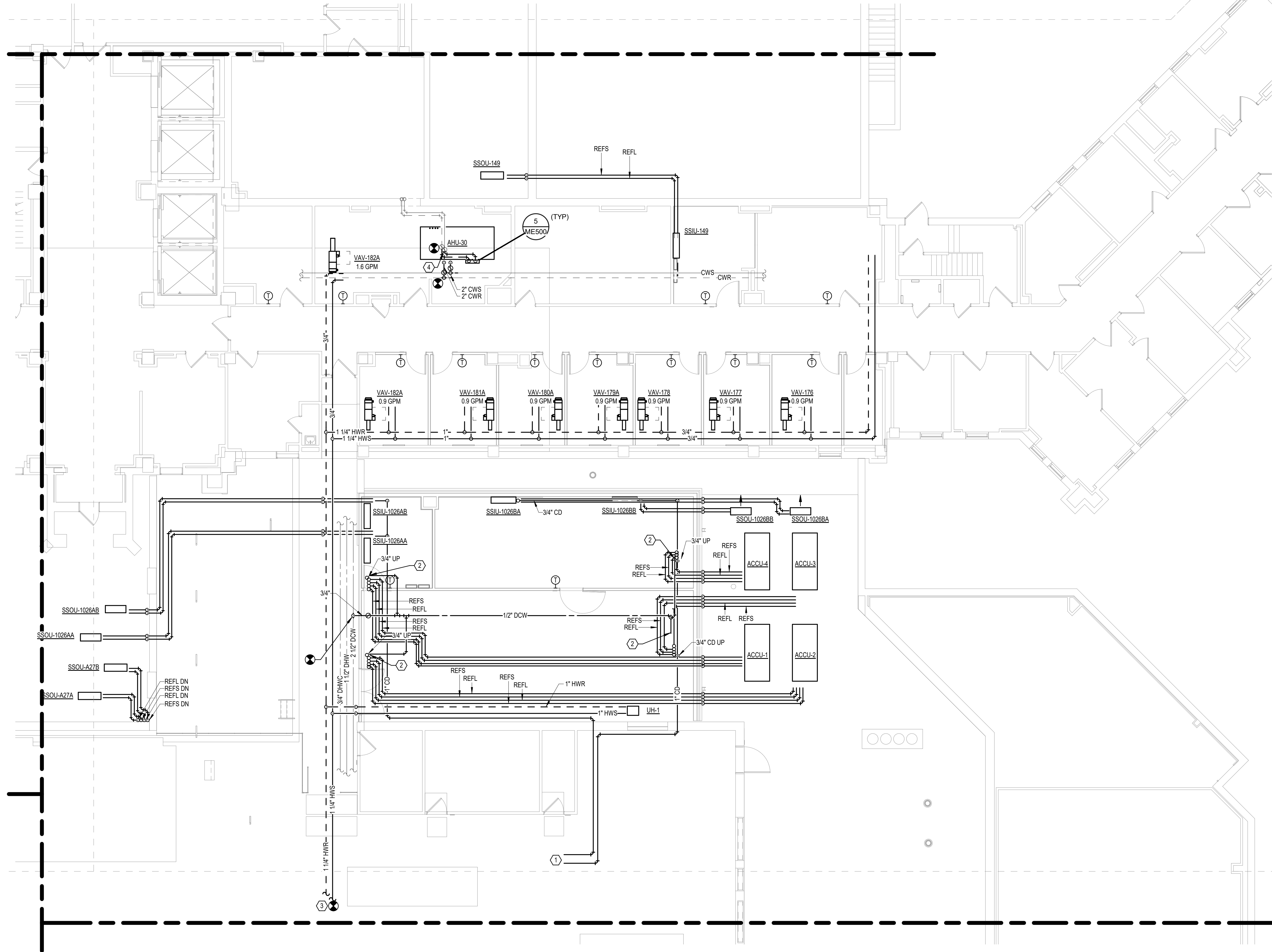
Project Number
438-20-910

Building Number
5

Drawing Number
MH111-05-B

- 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 CRAC UNITS TO FLOOR SINK.
 - ROUTE 1/2" DCW UP TO CRAC UNIT HUMIDIFIER CONNECTION.
 - CONNECT NEW HWS AND HWR PIPING TO EXISTING 3" MAINS LOCATED IN INTERSTITIAL SPACE APPROXIMATELY 20 FEET FURTHER EAST.
 - EXTEND HWS AND HWR PIPING TO NEW AHU-30 HEATING COIL. MATCH EXISTING PIPE SIZE.



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

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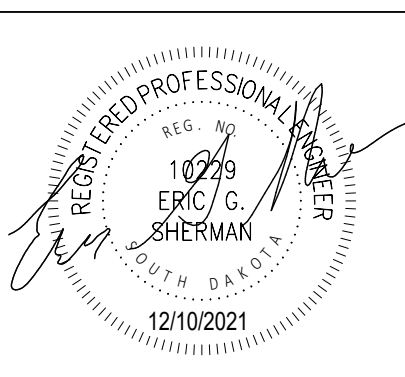
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Drawing Title
FIRST LEVEL PIPING PLAN - BUILDING 5 - AREA B

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Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
12/10/2021

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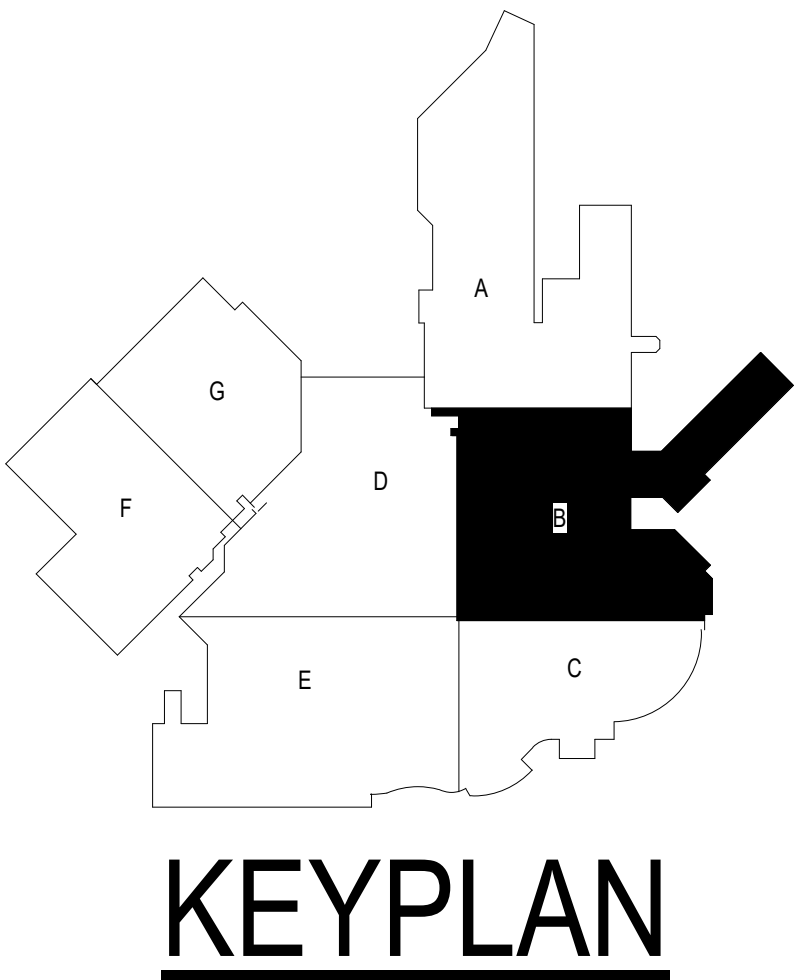
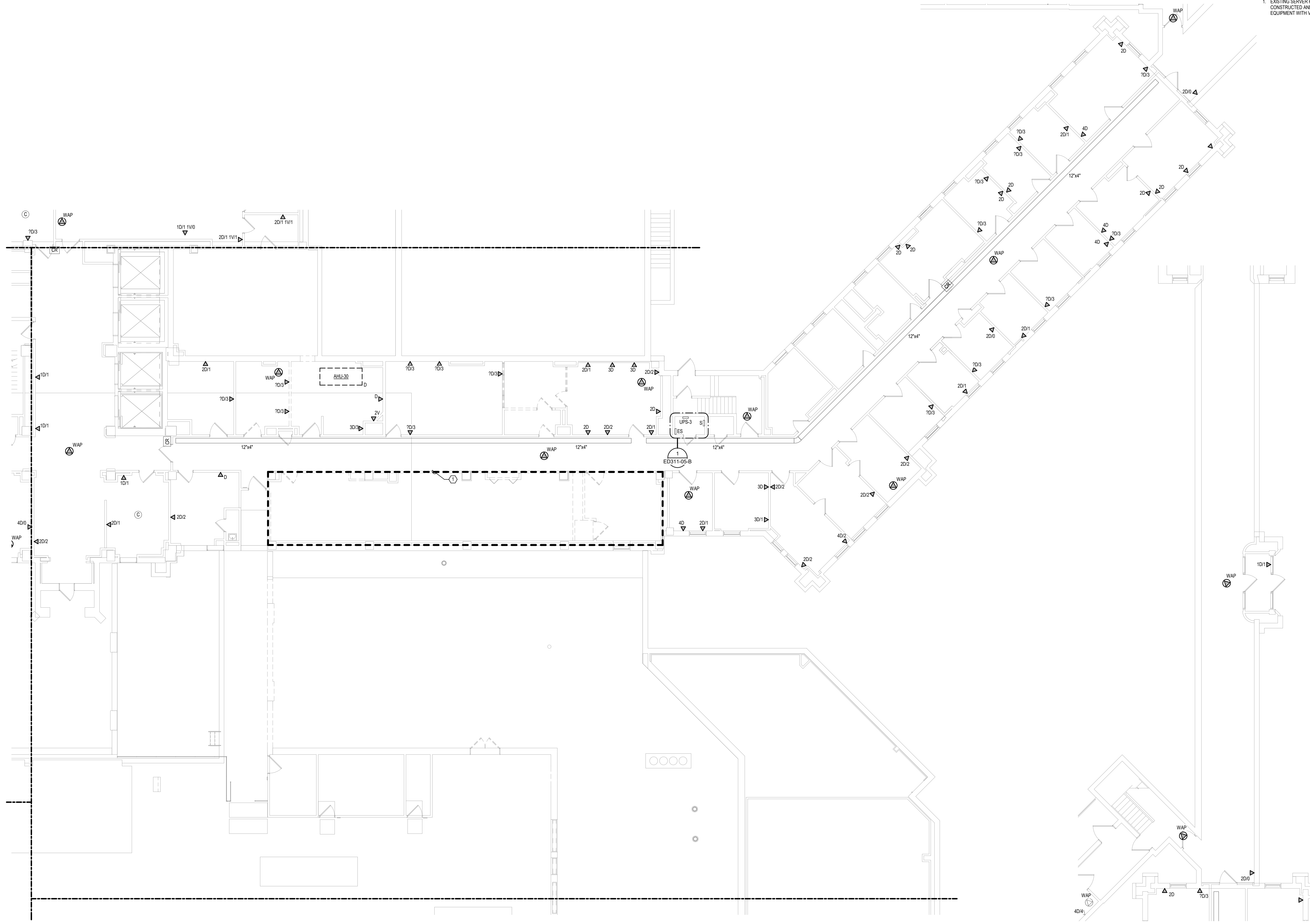
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Project Number
438-20-910

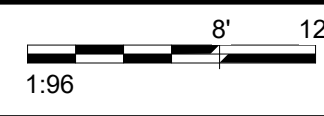
Building Number
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Drawing Number
MP111-05-B

SHEET NOTES:
 1. EXISTING SERVER ROOM TO BE MAINTAINED IN OPERATION UNTIL NEW SERVER ROOM HAS BEEN CONSTRUCTED AND EQUIPMENT HAS BEEN RELOCATED. COORDINATE MOVE OF EXISTING EQUIPMENT WITH VA.



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



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Drawing Title
FIRST LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA B
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Phase
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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
ED111-05-B

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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 150A

EXISTING CABLE COUNT
DATA (CAT6) 35
DATA (CAT5) 96
VIDEO 0
PATIENT MONITORING 0
COMMERCIAL WIRELESS 0

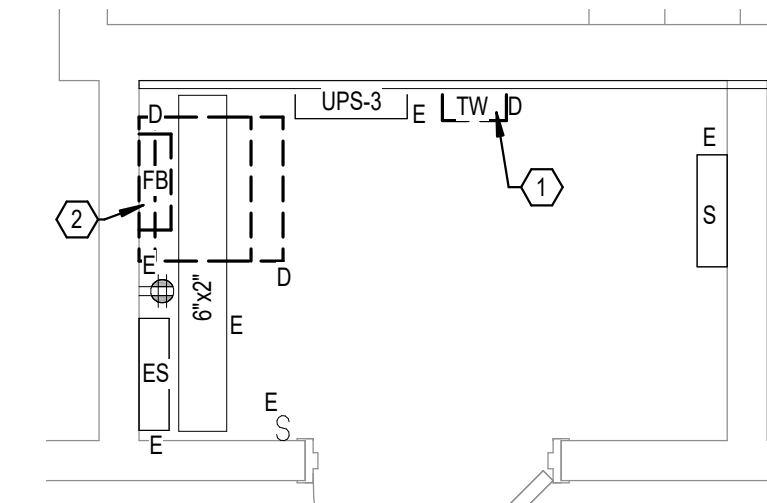
CABLE RELOCATION COUNT
DATA (CAT6) -85 TO ROOM 149
DATA (CAT5) -96 TO ROOM 149
VIDEO 0
PATIENT MONITORING 0
COMMERCIAL WIRELESS 0

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

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

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 FIRST LEVEL ELECTRICAL DEMOLITION FLOOR PLAN - BUILDING 5 - AREA B - ROOM 150A
1/2" = 1'-0"

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

(Signature)

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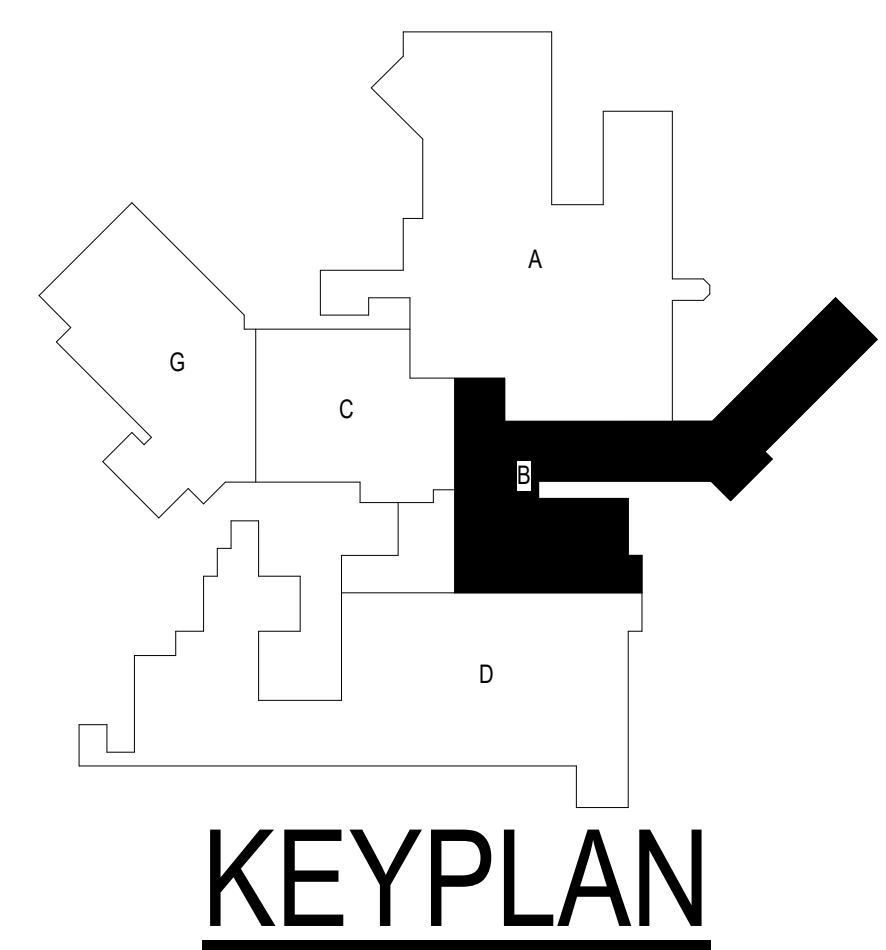
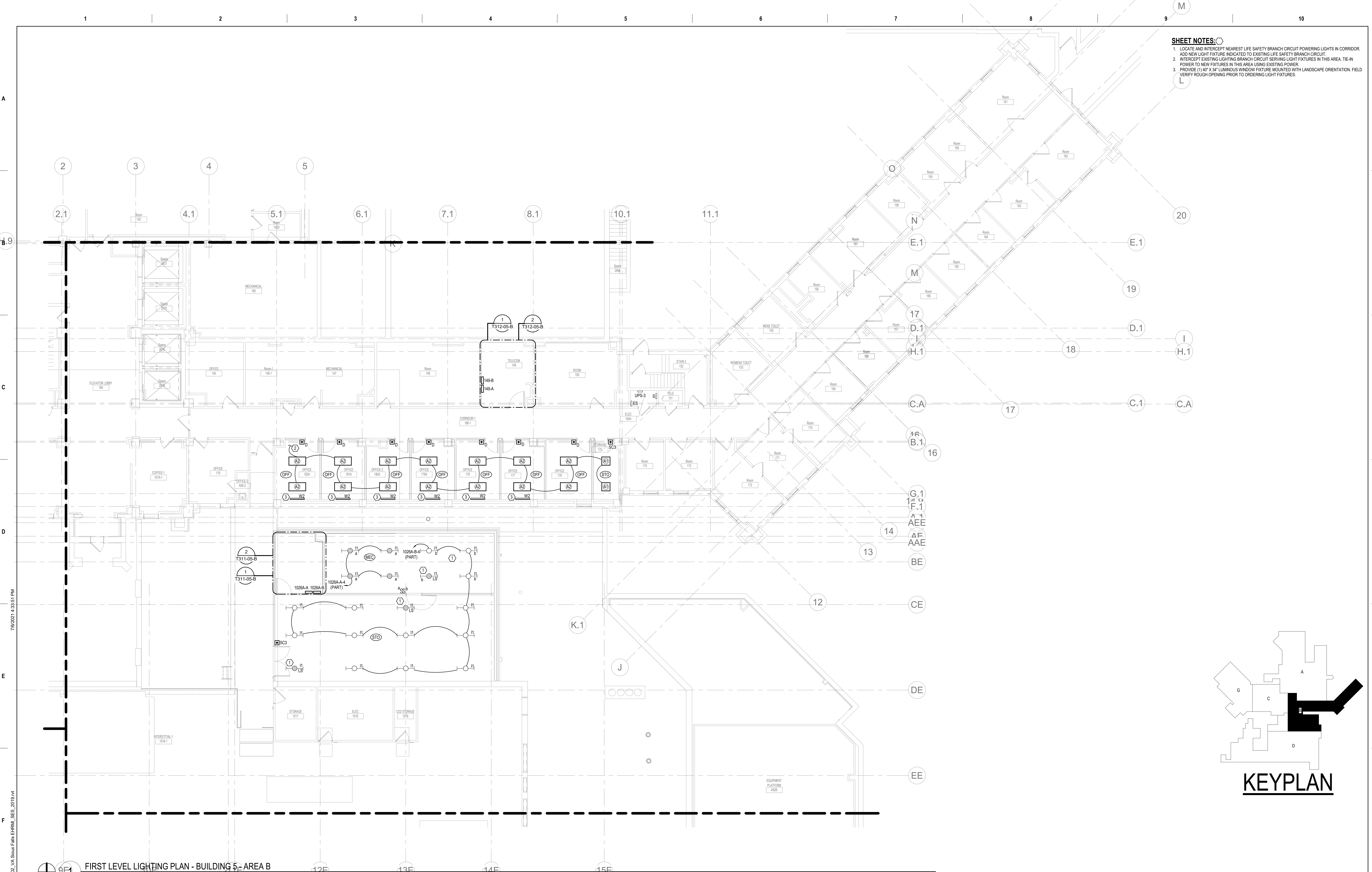
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<p>Approved:</p>

<p>Phase BID DOCUMENTS</p>
<p>FULLY SPRINKLERED</p>

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

<p>Project Number 438-20-910</p>
<p>Building Number 5</p>
<p>Drawing Number ED311-05-B</p>

- SHEET NOTES:**
1. LOCATE AND INTERCEPT NEAREST LIFE SAFETY BRANCH CIRCUIT POWERING LIGHTS IN CORRIDOR. ADD NEW LIGHT FIXTURE INDICATED TO EXISTING LIFE SAFETY BRANCH CIRCUIT.
 2. INTERCEPT EXISTING LIGHTING BRANCH CIRCUIT SERVING LIGHT FIXTURES IN THIS AREA. TIE-IN POWER TO NEW FIXTURES IN THIS AREA USING EXISTING POWER.
 3. PROVIDE (1) 4" X 34" LUMINOUS WINDOW FIXTURE MOUNTED WITH LANDSCAPE ORIENTATION. FIELD VERIFY ROUGH OPENING PRIOR TO ORDERING LIGHT FIXTURES.



KEYPLAN

FIRST LEVEL LIGHTING PLAN - BUILDING 5 - AREA B
1/8" = 1'-0"

1:96

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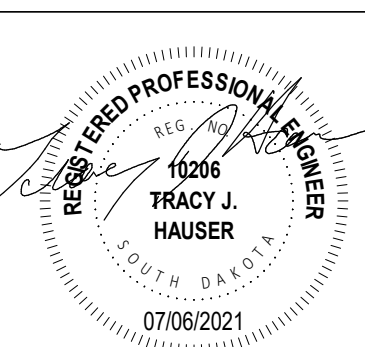
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Drawing Title
FIRST LEVEL LIGHTING PLAN - BUILDING 5 - AREA B

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Phase
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Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

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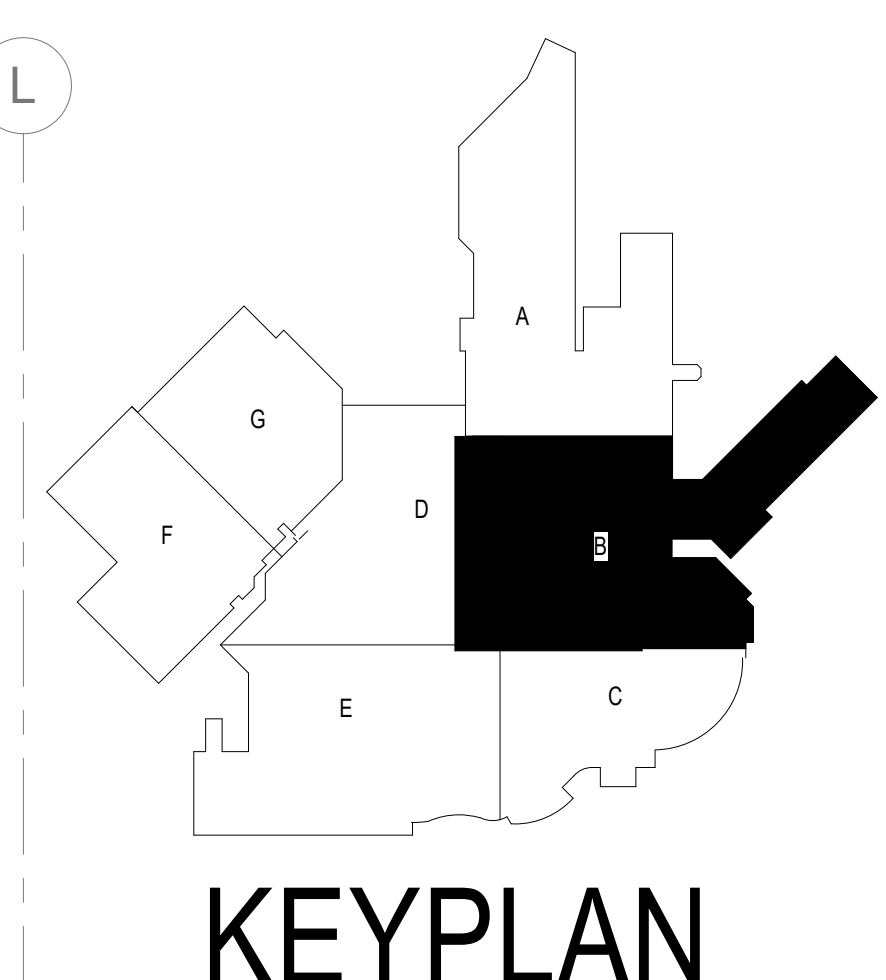
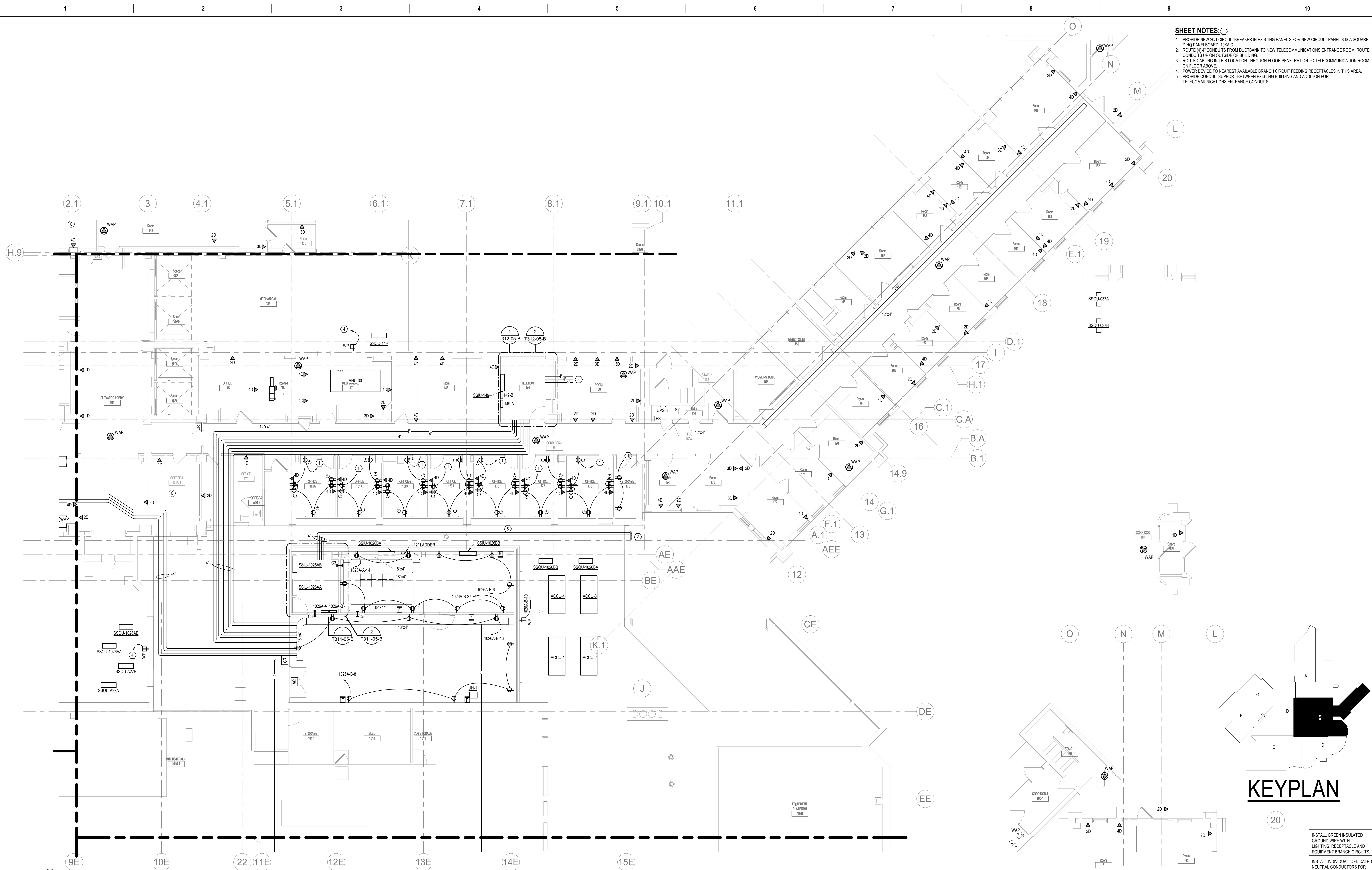
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438-20-910

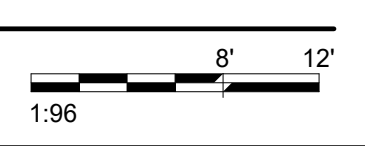
Building Number
5

Drawing Number
EL111-05-B

- SHEET NOTES:**
1. PROVIDE NEW 201 CIRCUIT BREAKER IN EXISTING PANEL S FOR NEW CIRCUIT. PANEL S IS A SQUARE D NO PANELBOARD, 10KAC.
 2. ROUTE 4" CONDUITS FROM DUCTBANK TO NEW TELECOMMUNICATIONS ENTRANCE ROOM. ROUTE CONDUITS UP ON OUTSIDE OF BUILDING.
 3. ROUTE CABLING IN THIS LOCATION THROUGH FLOOR PENETRATION TO TELECOMMUNICATION ROOM ON FLOOR ABOVE.
 4. POWER DEVICE TO NEAREST AVAILABLE BRANCH CIRCUIT FEEDING RECEPTACLES IN THIS AREA.
 5. PROVIDE CONDUIT SUPPORT BETWEEN EXISTING BUILDING AND ADDITION FOR TELECOMMUNICATIONS ENTRANCE CONDUITS.



1 FIRST LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 5 - AREA B
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.

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Nathan Timm
BICSI ID # 346555
EXPIRES 12-31-23
02/18/2022
RCO

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

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

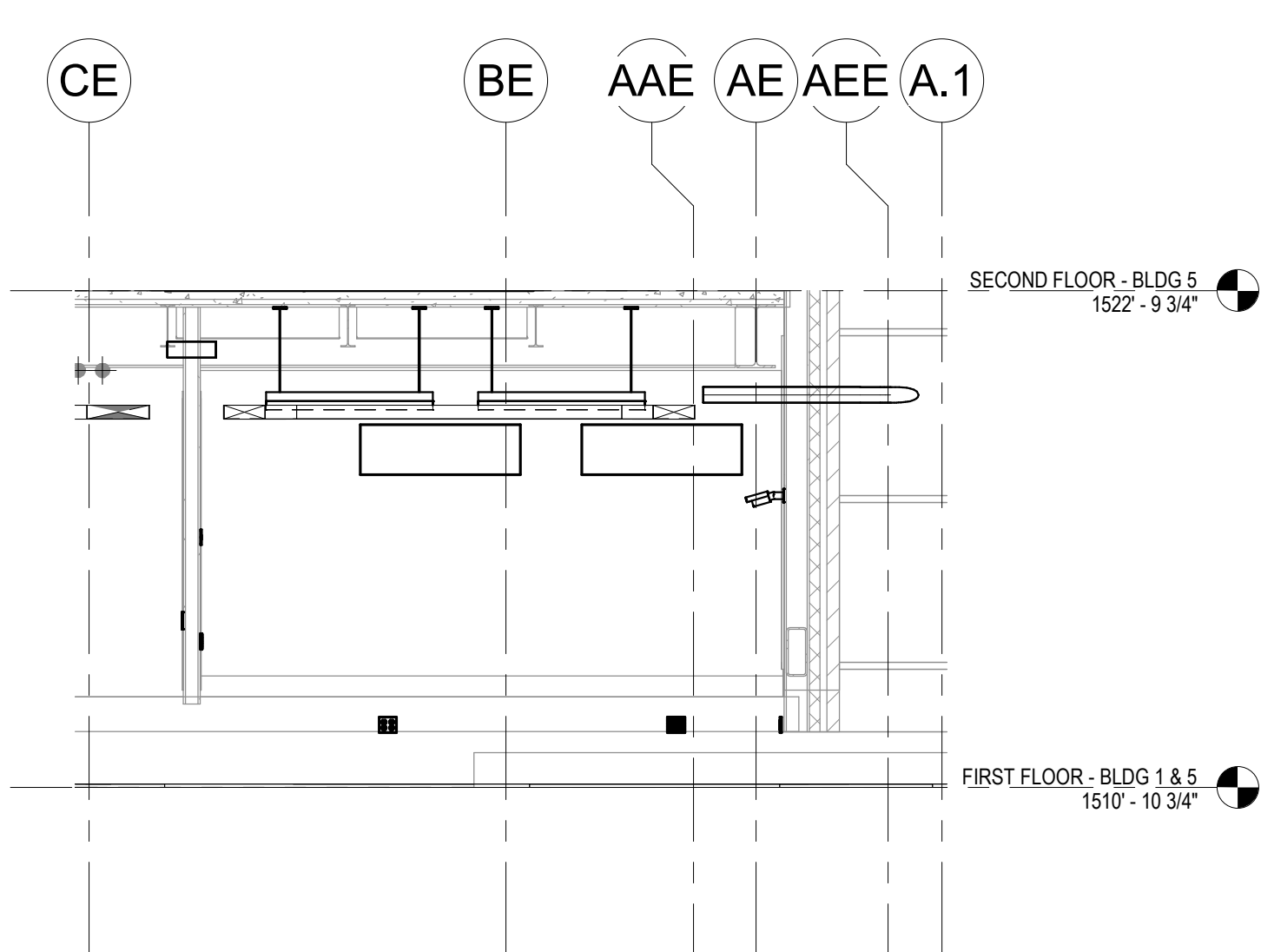
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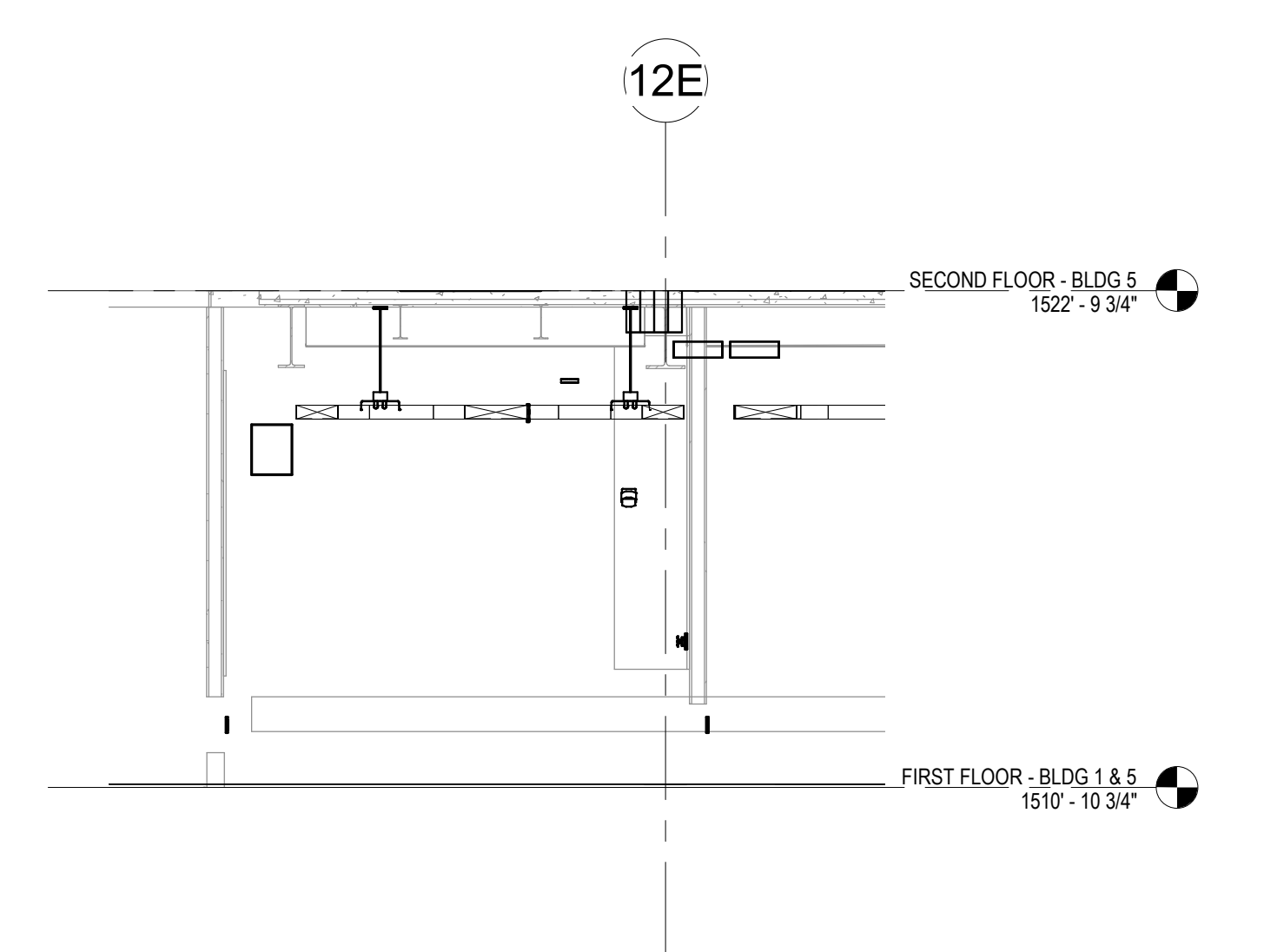
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Building Number
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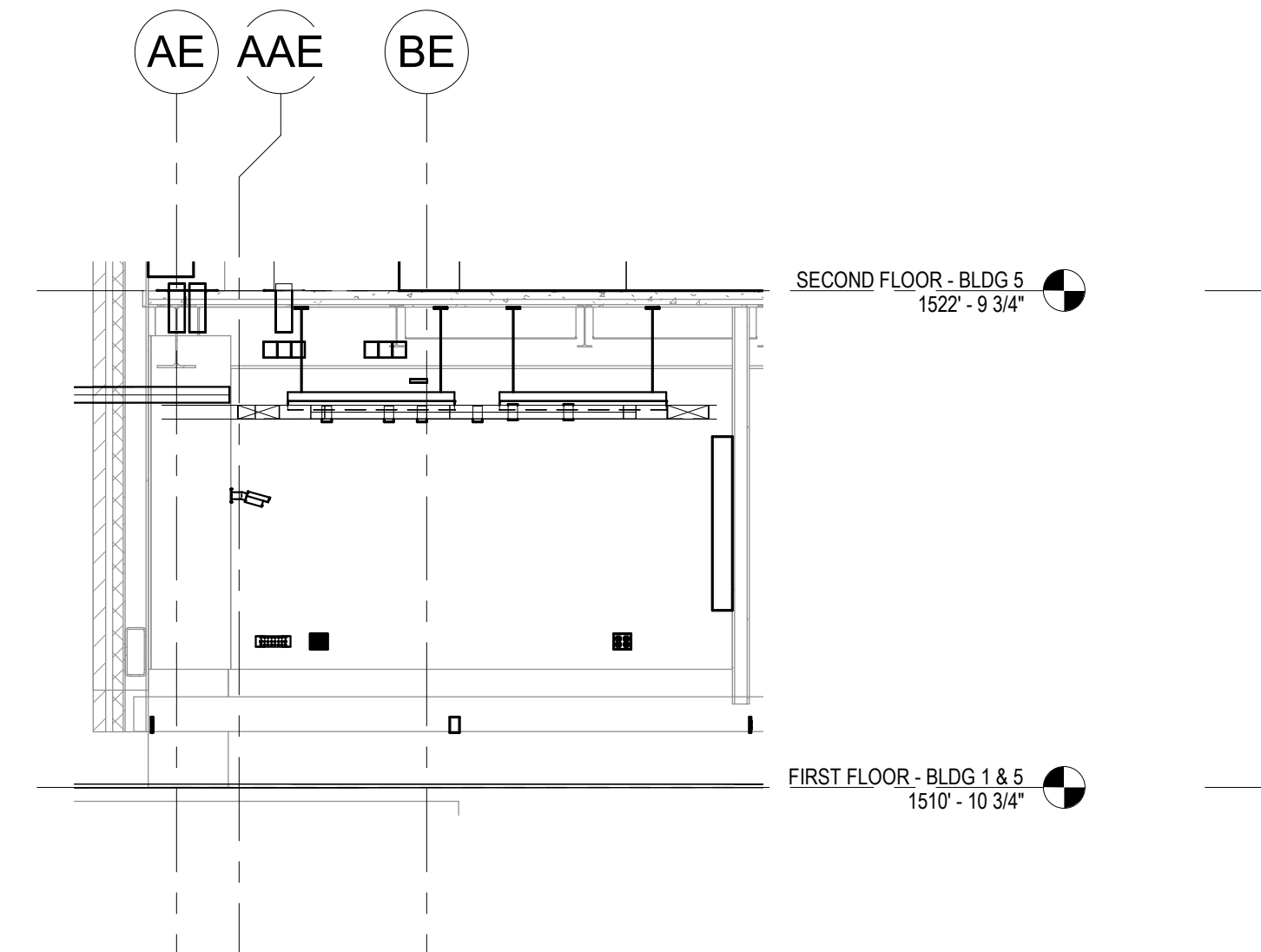
Drawing Number
TN111-05-B



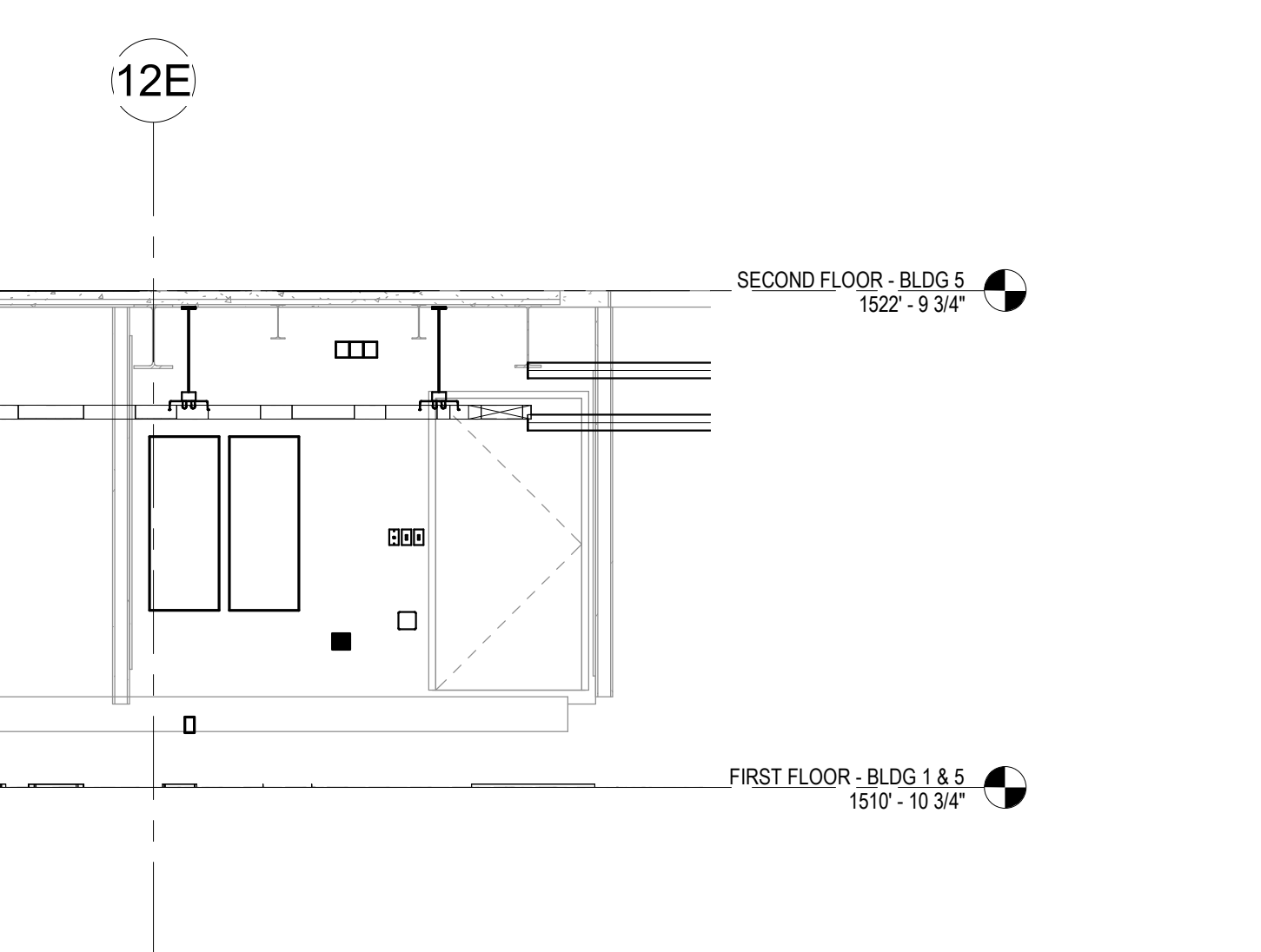
7 17-a
1/4" = 1'-0"



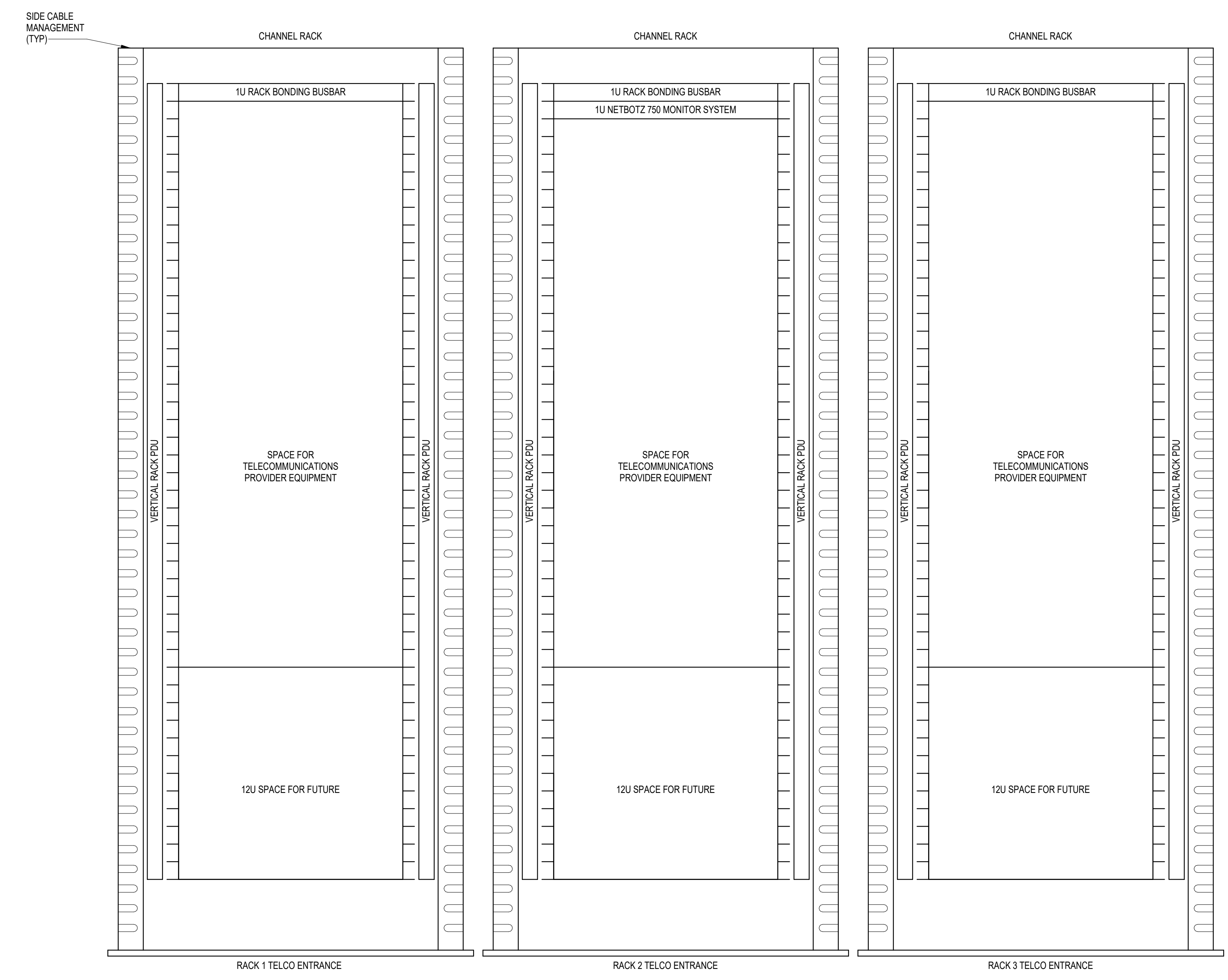
6 17-b
1/4" = 1'-0"



5 17-c
1/4" = 1'-0"

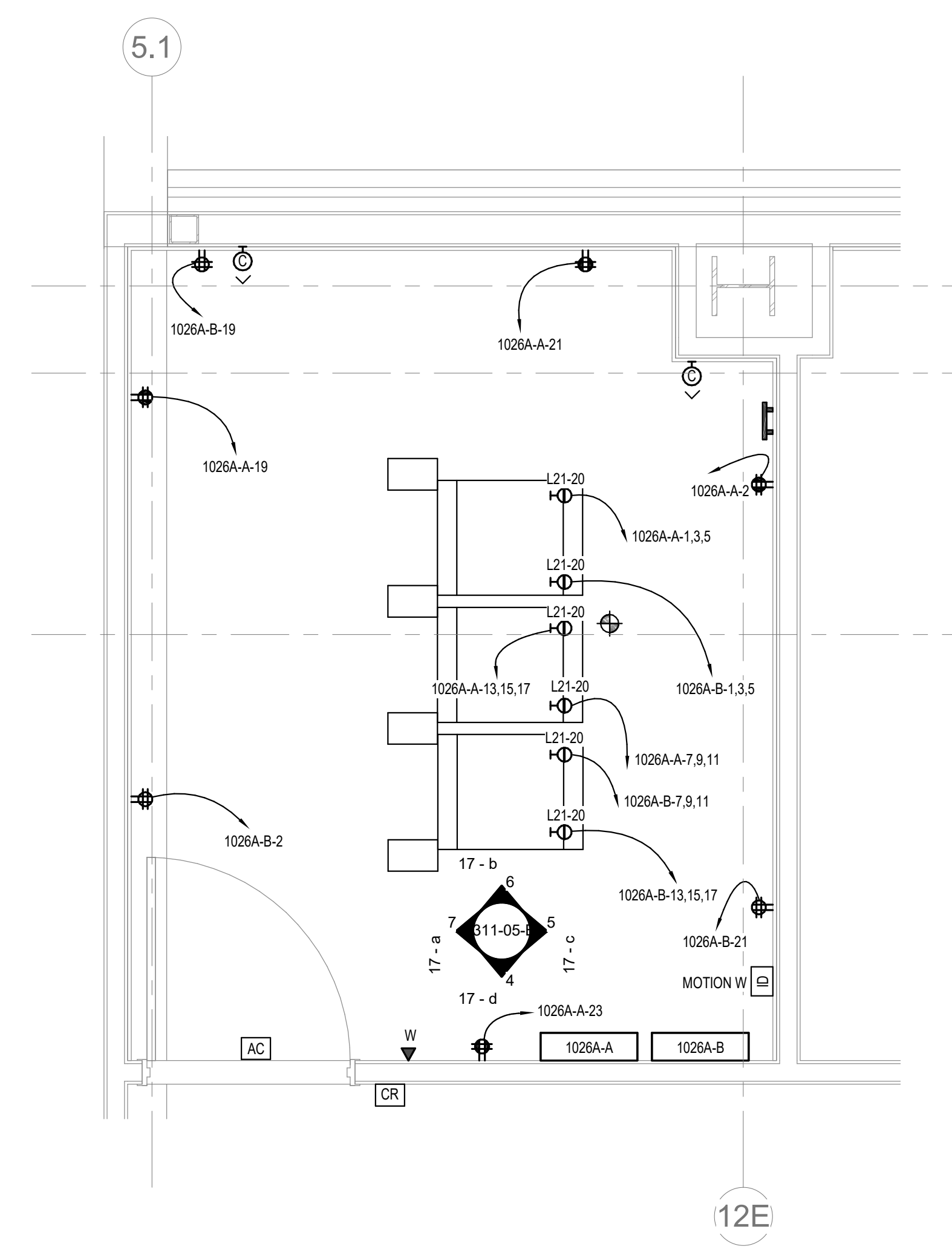


4 17-d
1/4" = 1'-0"

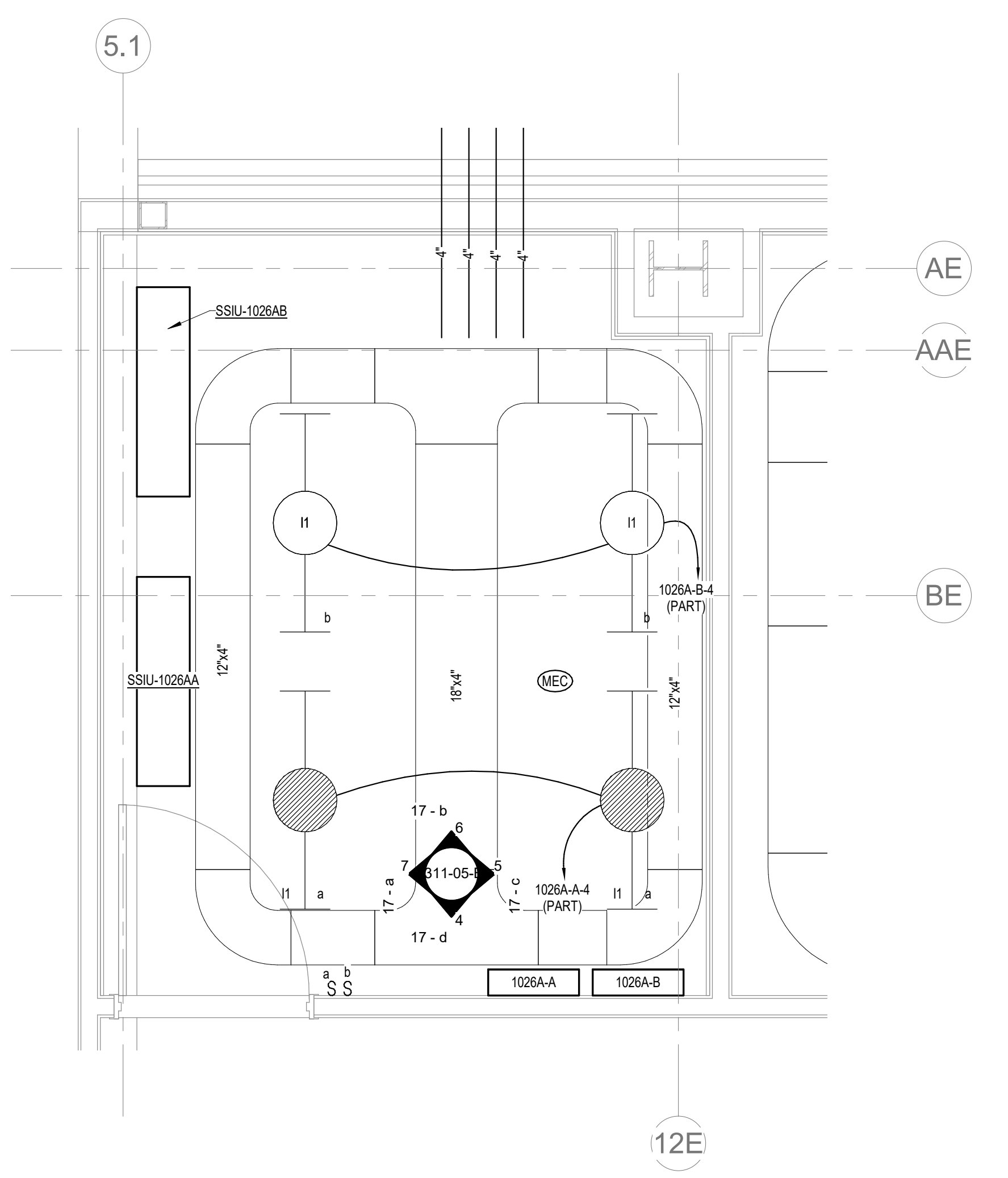


3 RACK ELEVATION - ROOM 1026A
NO SCALE

- NOTES:
- COORDINATE FINAL RACK LAYOUT WITH OWNERS 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 OWNERS ISIT REPRESENTATIVE.



2 ENLARGED ROOM 1026A - BUILDING 05 - POWER & DATA
1/2" = 1'-0"



1 ENLARGED ROOM 1026A - BUILDING 05 - LIGHTING & CABLE TRAY
1/2" = 1'-0"

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Revisions:	Date:

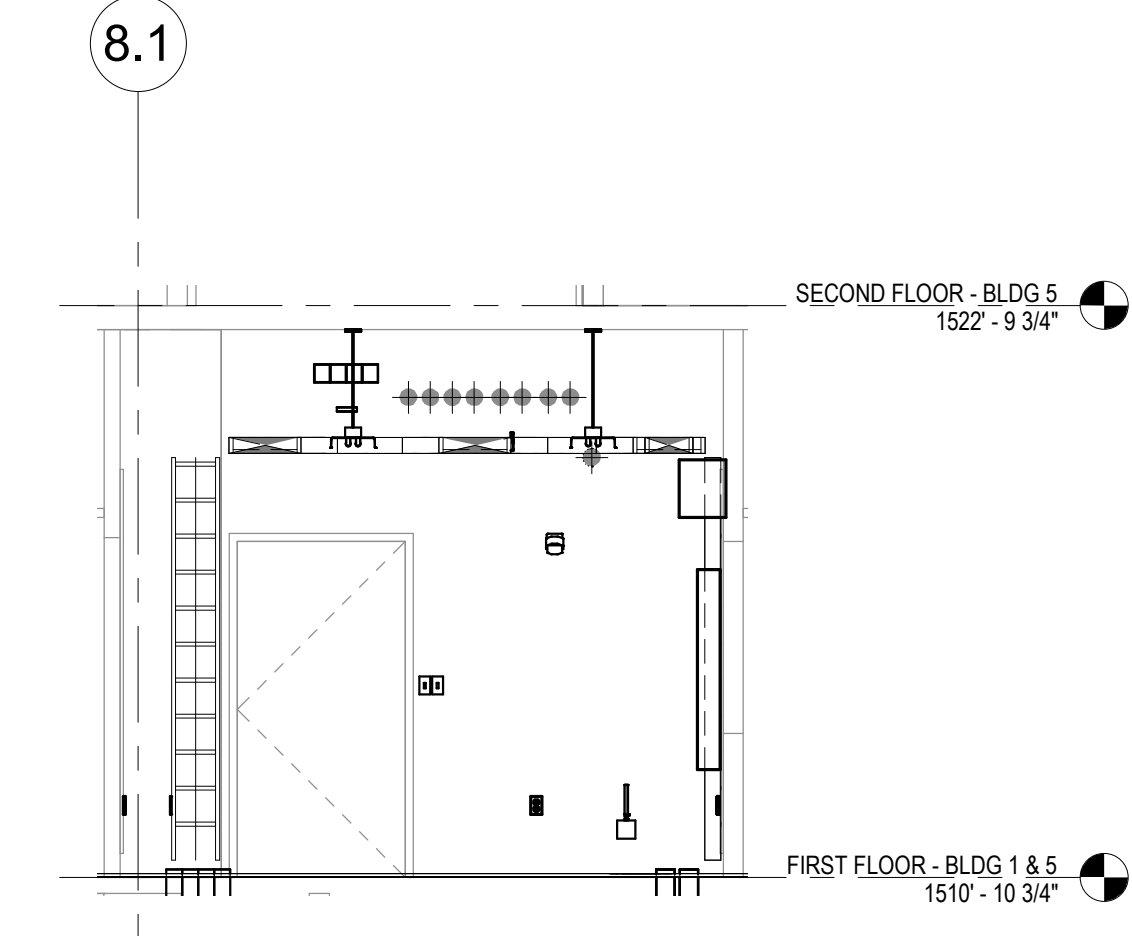
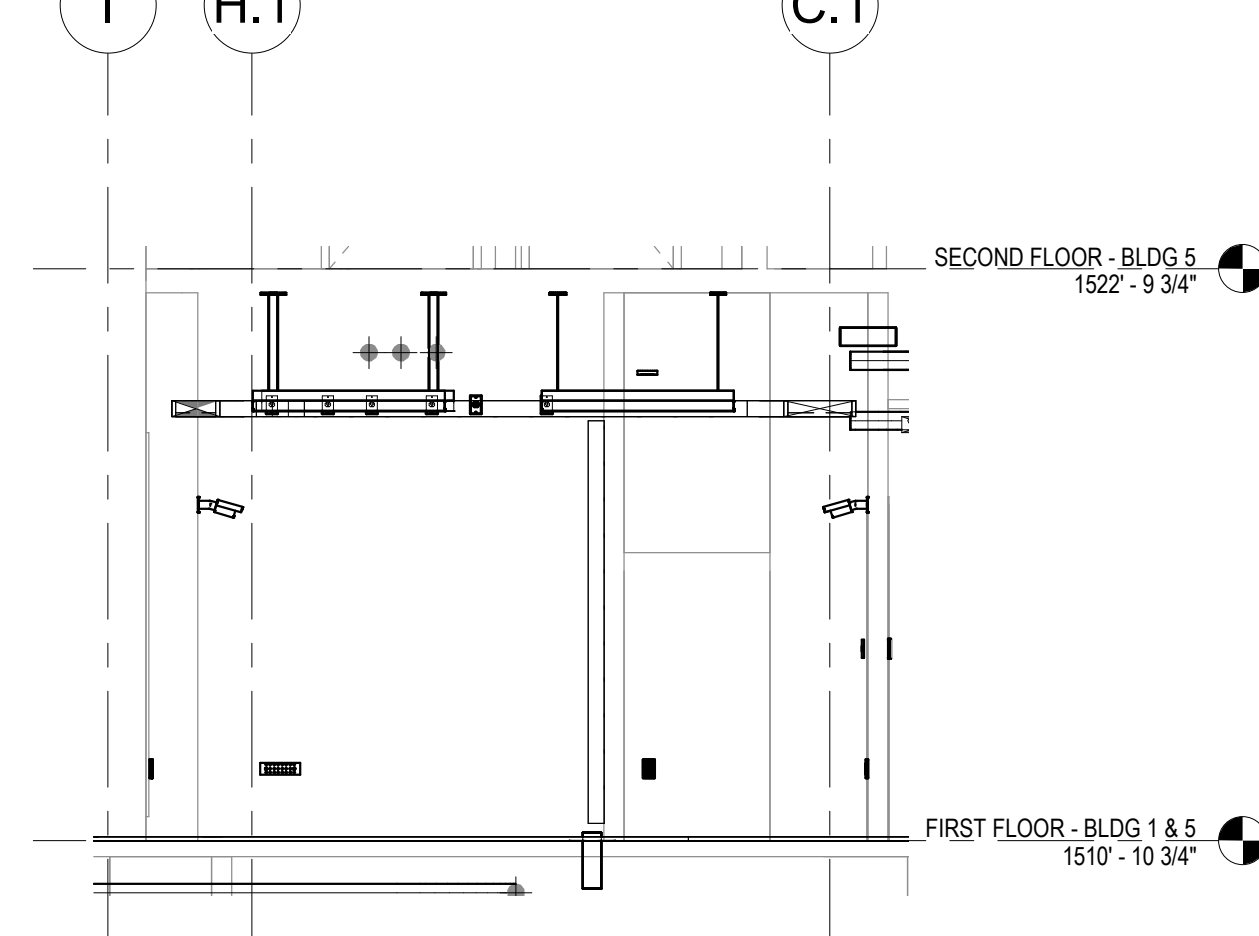
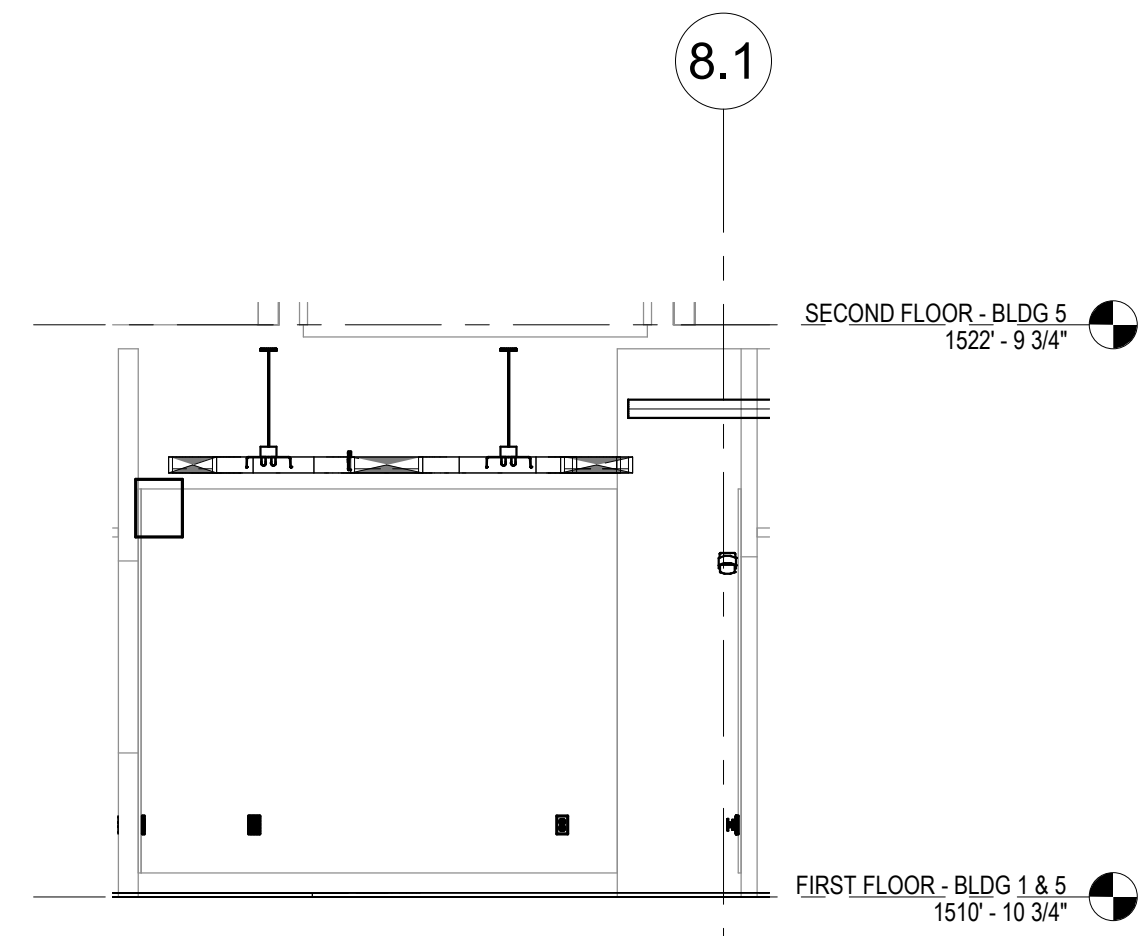
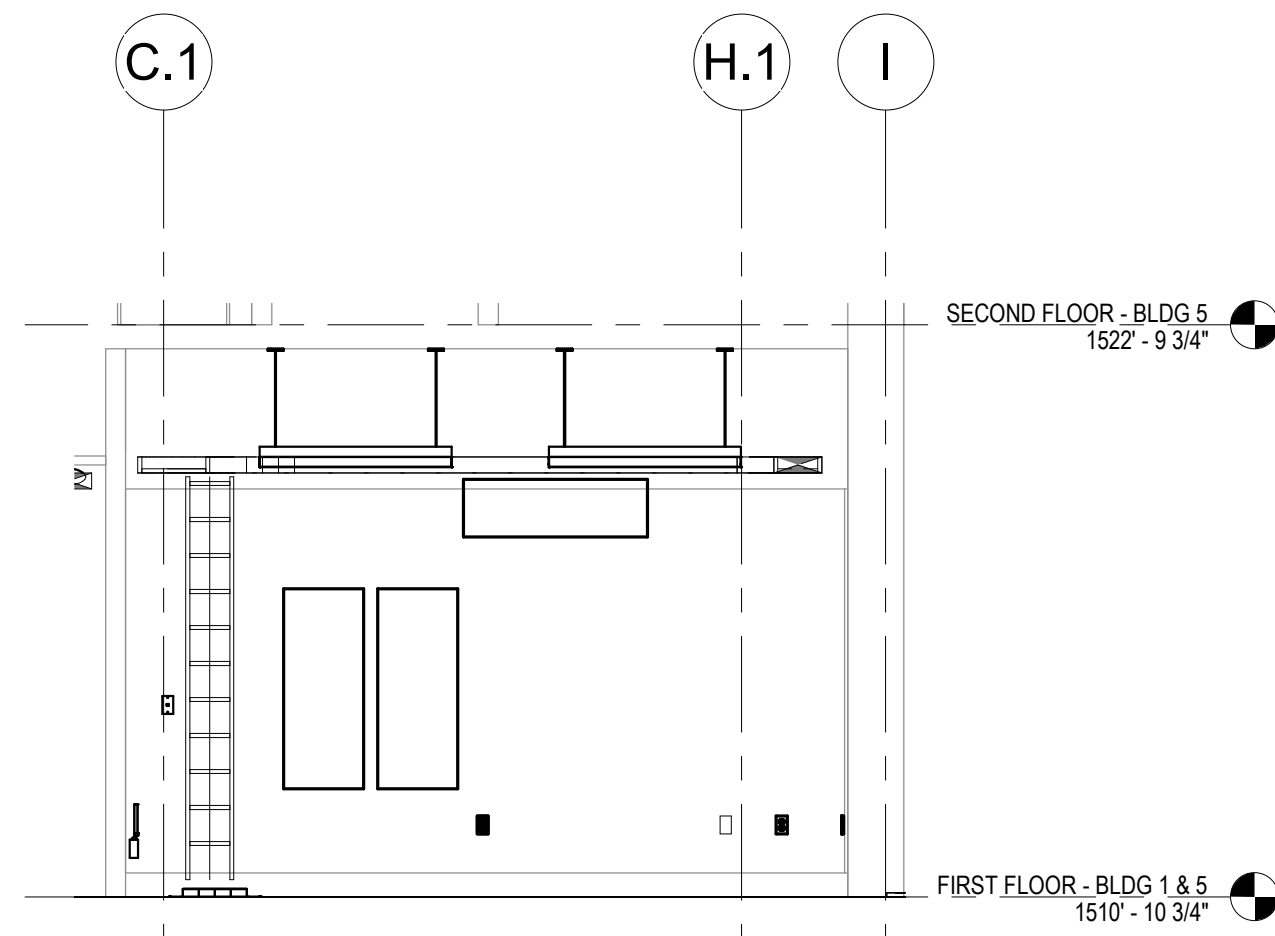
CONSULTANT 		ARCHITECT/ENGINEER OF RECORD 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090		STAMP Nathan Timm BICSI ID # 346555 EXPIRES 12-31-23 REGISTERED COMMUNICATIONS DISTRIBUTION		Office of Construction and Facilities Management U.S. Department of Veterans Affairs		Drawing Title ENLARGED ROOM 1026A Approved:		Phase BID DOCUMENTS FULLY SPRINKLERED		Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES		Project Number 438-20-910 Building Number 5 Drawing Number T311-05-B	
Location Sioux Falls, SD		Issue Date 07/06/2021		Checked KSB		Drawn NMT		Location Sioux Falls, SD		Issue Date 07/06/2021		Checked KSB		Drawn NMT	

A
B
C
D
E
F

A
B
C
D
E
F

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 149
- EXISTING CABLE COUNT
DATA (CAT5): 0
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0
- CABLE RELOCATION COUNT
DATA (CAT5): +35 FROM ROOM 150A
DATA (CAT5): +86 FROM ROOM 150A
VIDEO: +10 FROM ROOM 137
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: +1 FROM ROOM 137
- EXISTING CABLE TO REMAIN
DATA (CAT5): 0
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0
- FINAL CABLE COUNT
DATA (CAT5): 131
VIDEO: 10
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 1

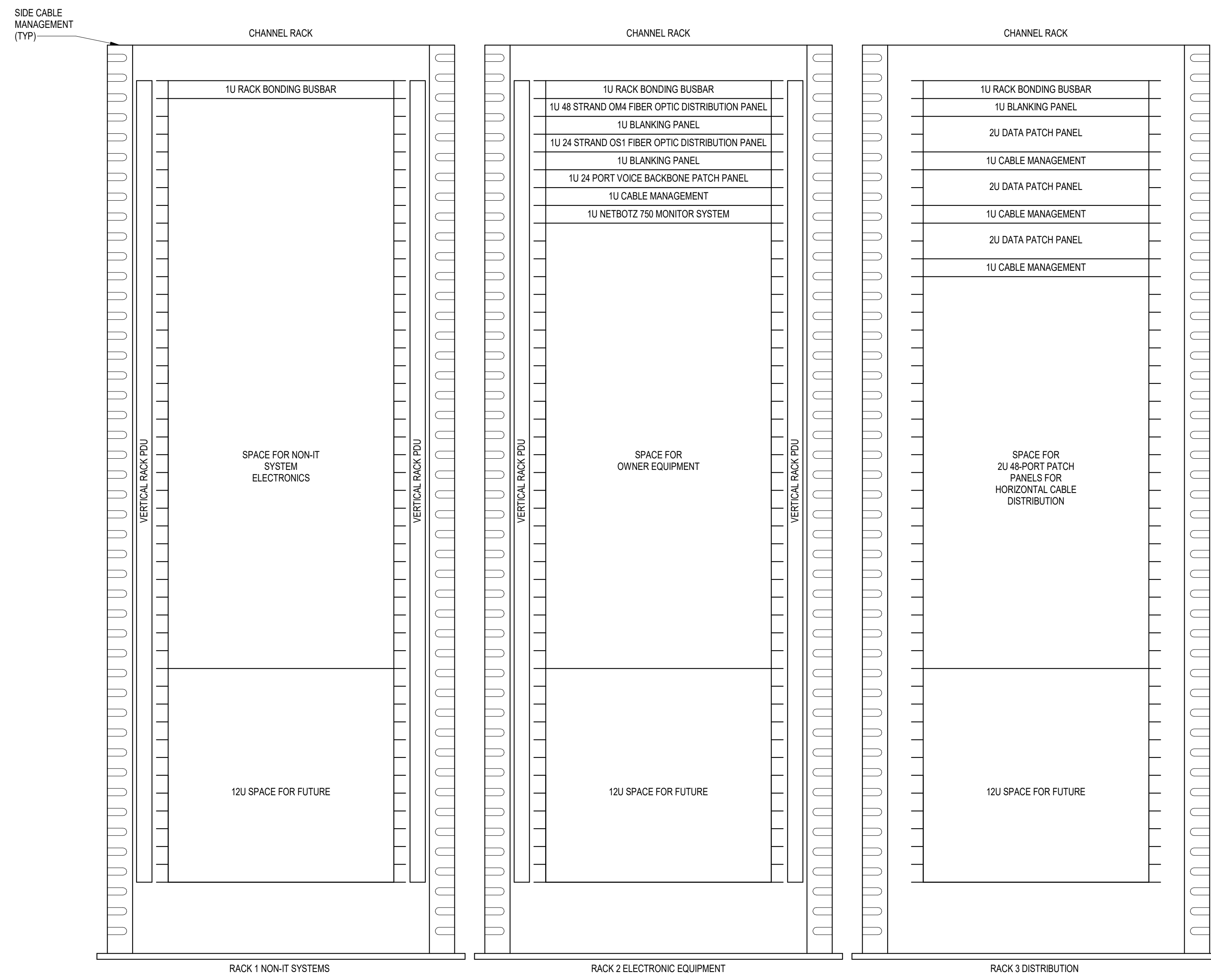


7 3-a
1/4" = 1'-0"

6 3-b
1/4" = 1'-0"

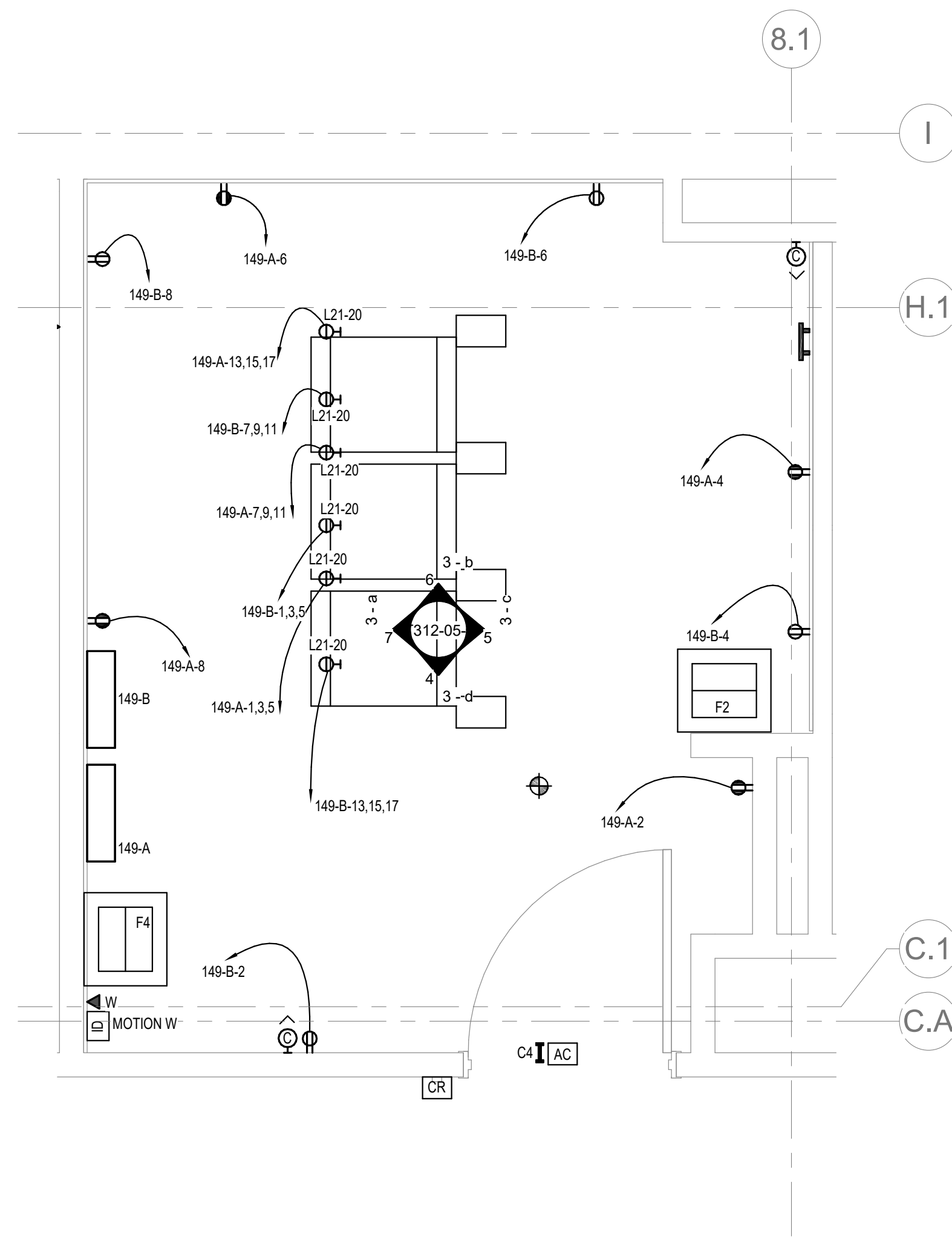
5 3-c
1/4" = 1'-0"

4 3-d
1/4" = 1'-0"

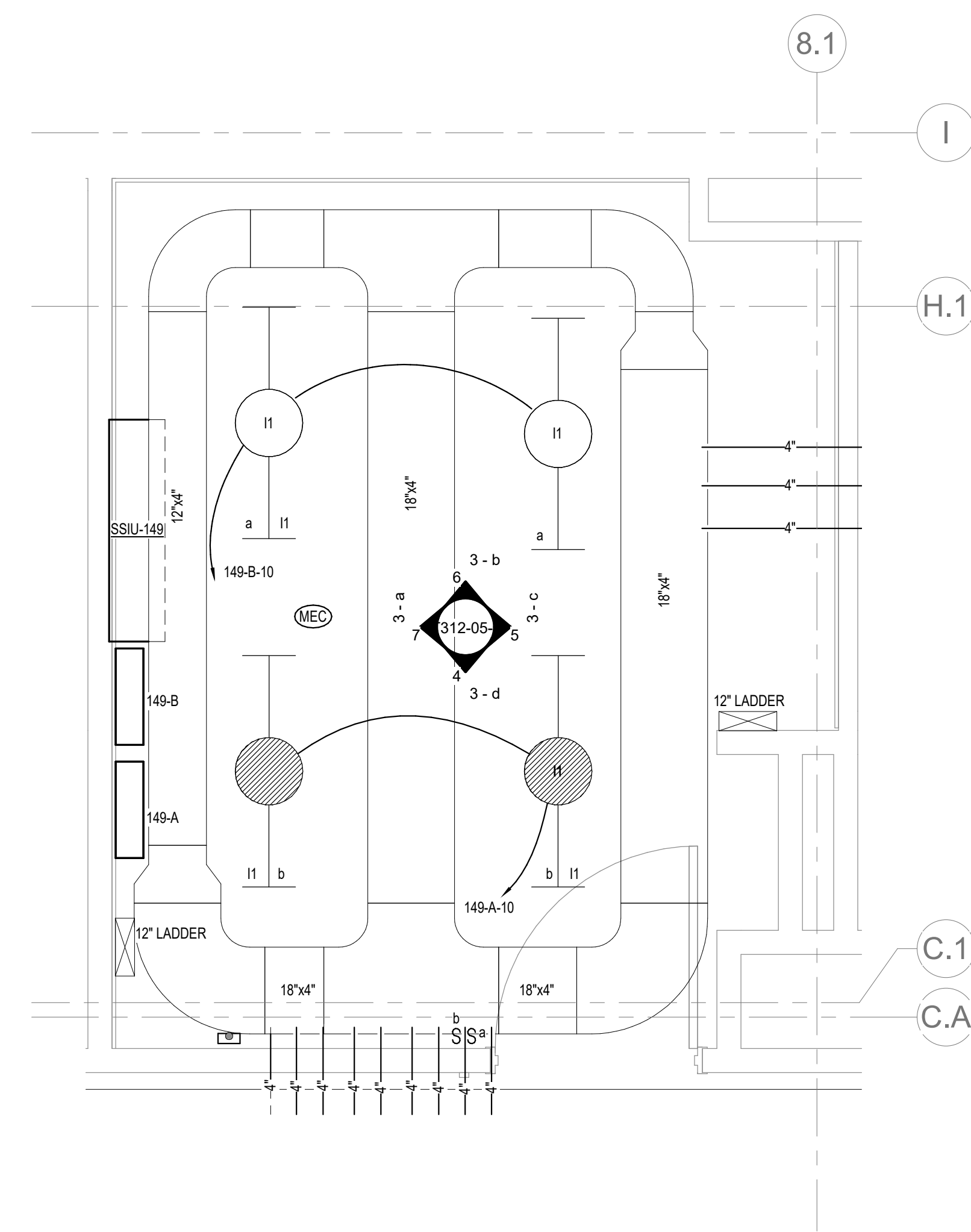


- NOTES:**
- COORDINATE FINAL RACK LAYOUT WITH OWNER'S ISIT REPRESENTATIVE.
 - PROVIDE COMPONENTS NOT LISTED BY OWNER.
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 - COORDINATE INSTALLATIONS WITH OWNER'S ISIT REPRESENTATIVE.

3 RACK ELEVATION - ROOM 149
NO SCALE



2 ENLARGED ROOM 149 - BUILDING 05 - POWER & DATA
1/2" = 1'-0"



1 ENLARGED ROOM 149 - BUILDING 05 - LIGHTING & CABLE TRAY
1/2" = 1'-0"

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Revisions:	Date:

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

Office of Construction and Facilities Management

Drawing Title
ENLARGED ROOM 149

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

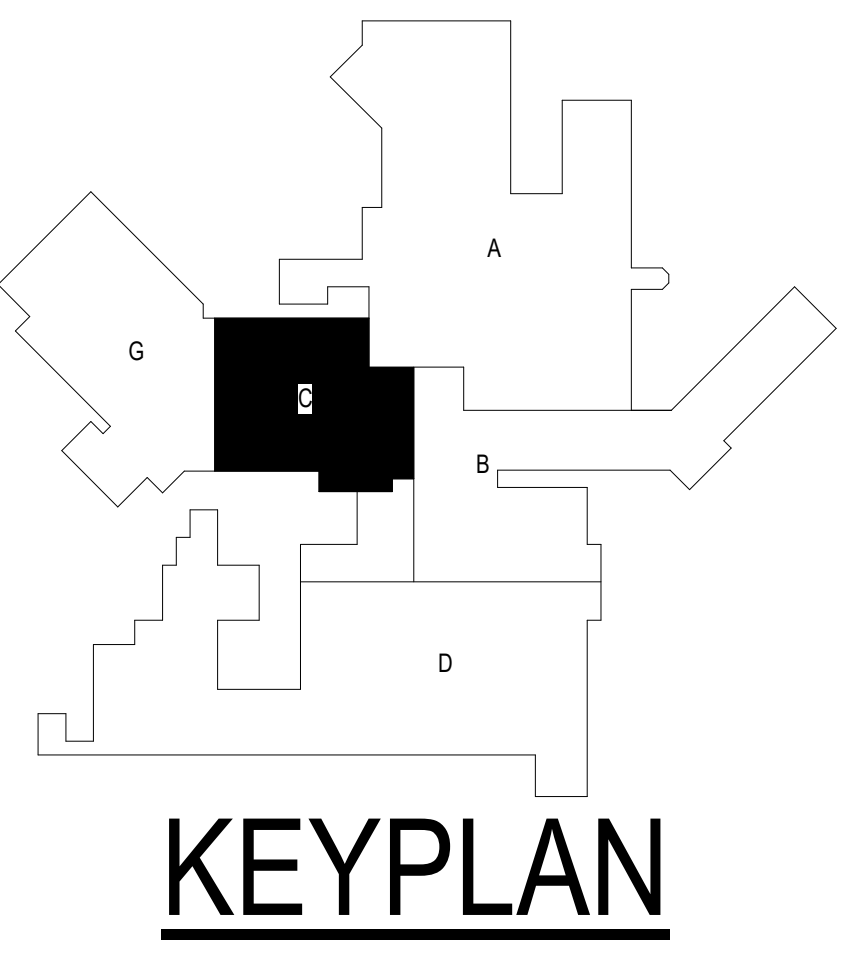
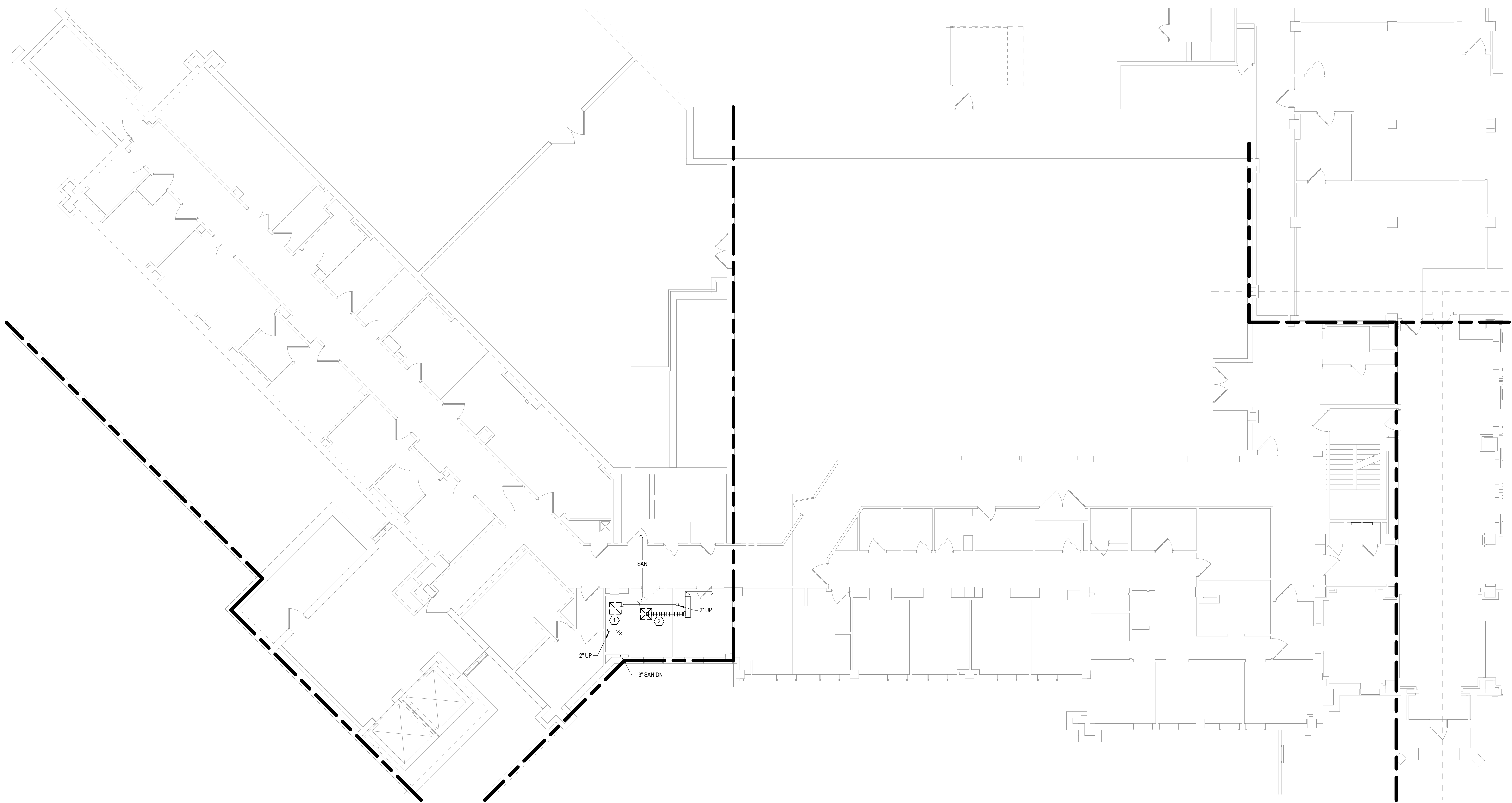
Project Number
438-20-910

Building Number
5

Drawing Number
T312-05-B

- 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 PLENUM RETURN GRILLE.
 - DEMOLISH SUPPLY DUCTWORK AND CAP.



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

Revisions:	Date:


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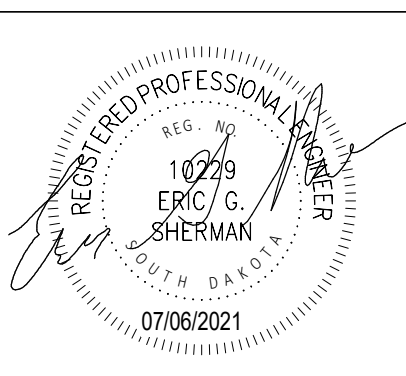
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Drawing Title
FIRST LEVEL MECHANICAL DEMOLITION PLAN - BUILDING 5 - AREA C

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

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EGS

Drawn
PHV

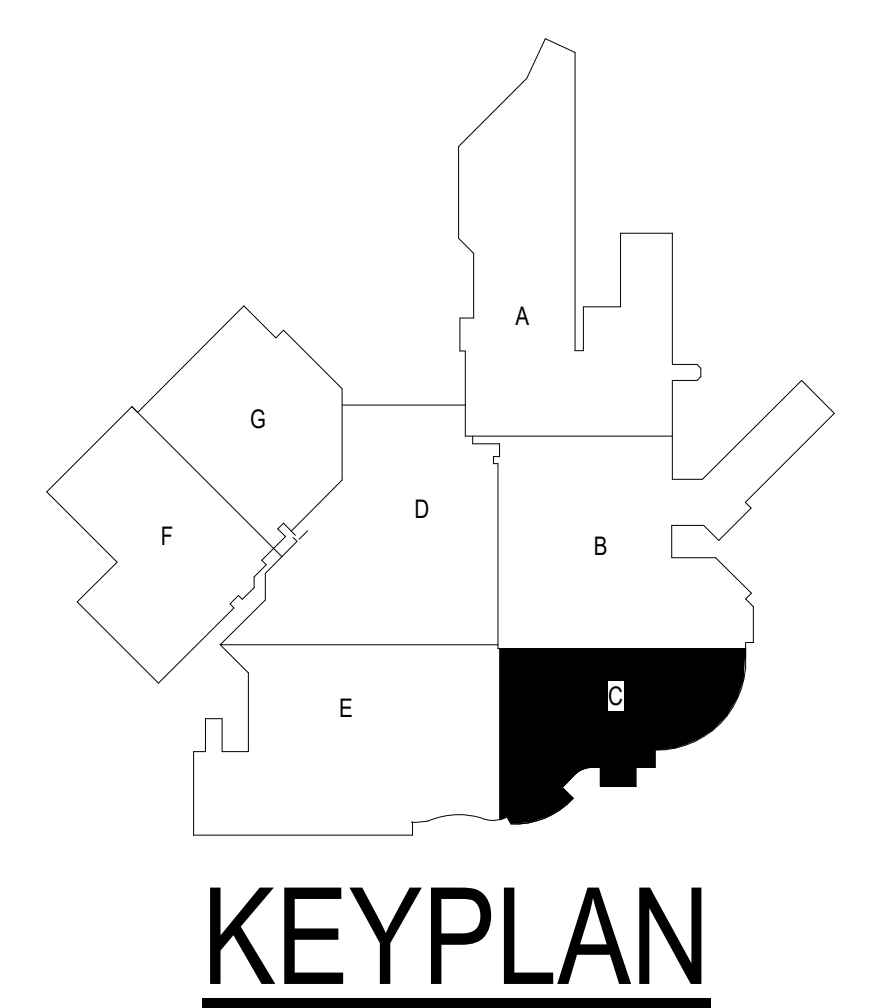
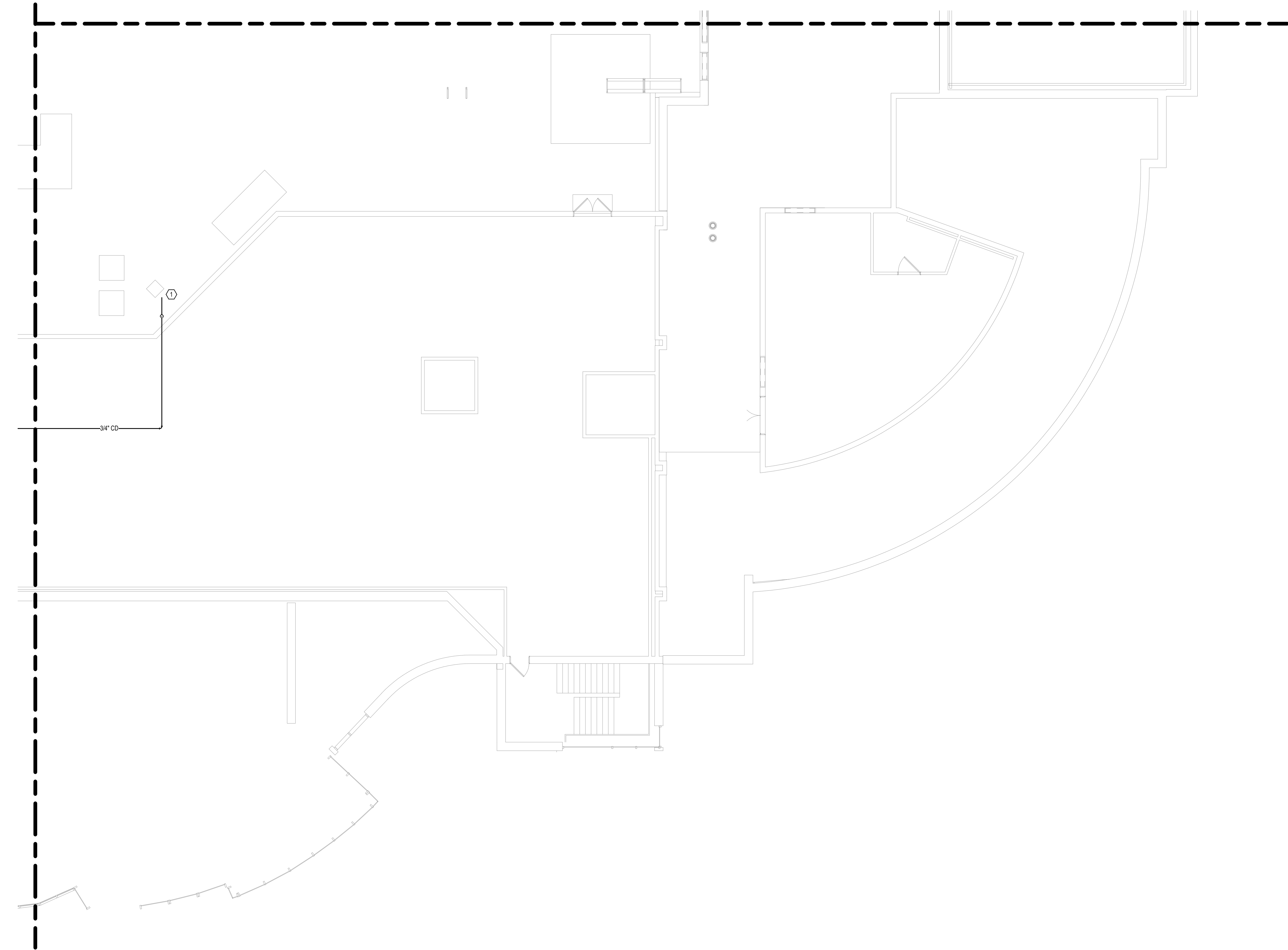
Project Number
438-20-910

Building Number
5

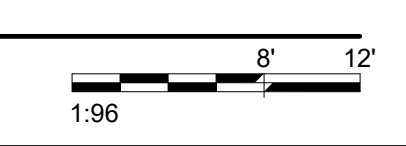
Drawing Number
MD111-05-C

- GENERAL NOTES:**
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- SHEET NOTES:**
- ROUTE CONDENSATE TO DISCHARGE INTO FLOOR DRAIN.



1 FIRST LEVEL PIPING PLAN - BUILDING 5 - AREA C
1/8" = 1'-0"



Revisions:	Date:

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U.S. Department of Veterans Affairs

Drawing Title
FIRST LEVEL PIPING 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

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EGS

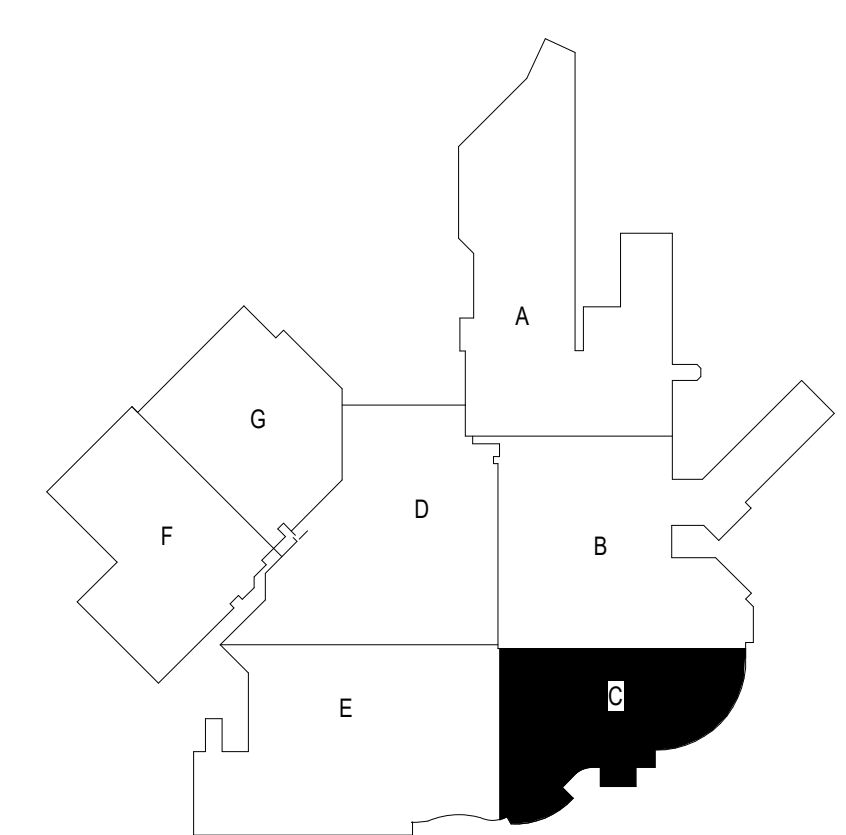
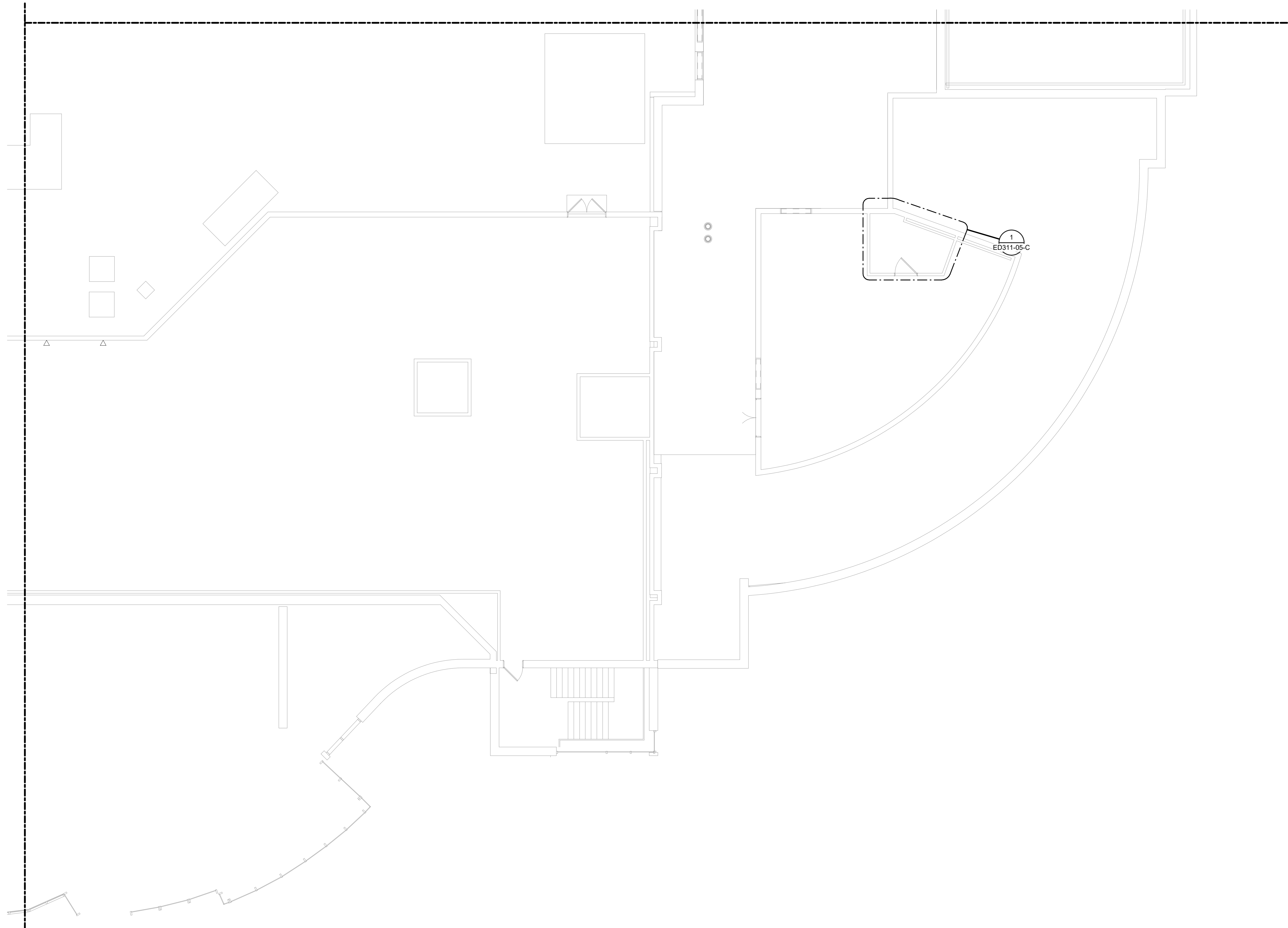
Drawn
PHV

Project Number
438-20-910

Building Number
5

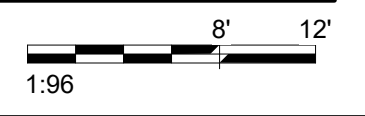
Drawing Number
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KEYPLAN

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



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Drawing Title

FIRST 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

Project Number

438-20-910

Building Number

5

Drawing Number

ED111-05-C

Checked	Drawn
KSB	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. REMOVE ALL UNUSED CABLING AT THE COMPLETION OF THE PROJECT.

1. ROOM 1021

EXISTING CABLE COUNT
 DATA (CAT5): 174
 DATA (CAT6): 0
 VIDEO: 1
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

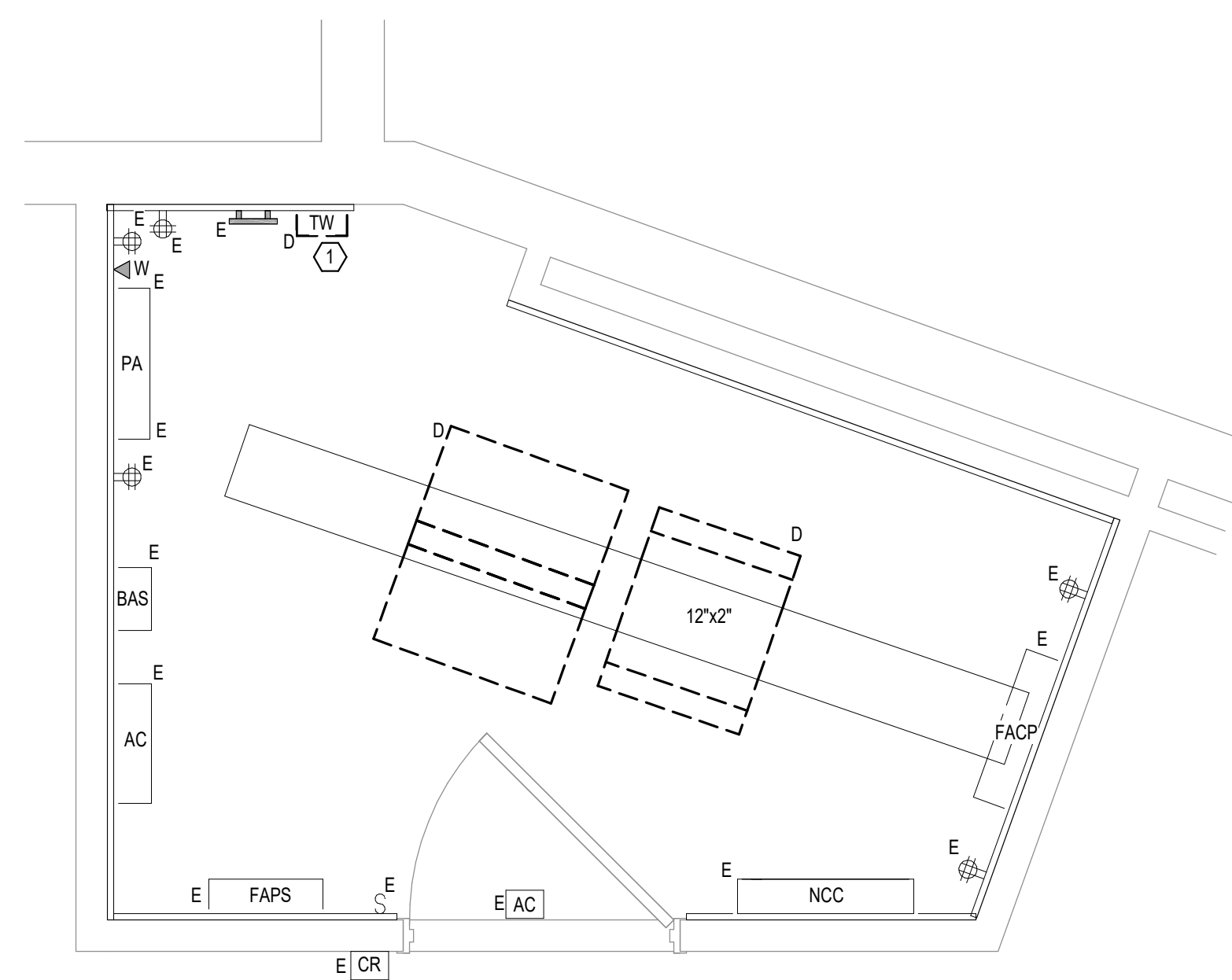
CABLE RELOCATION COUNT
 DATA (CAT5): -174 TO ROOM A27
 VIDEO -1 TO ROOM A27
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

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. 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.



1 FIRST LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - AREA C - ROOM 1021
 1/2" = 1'-0"
 1:24

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Drawing Title
 FIRST LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - ENLARGED ROOMS - 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

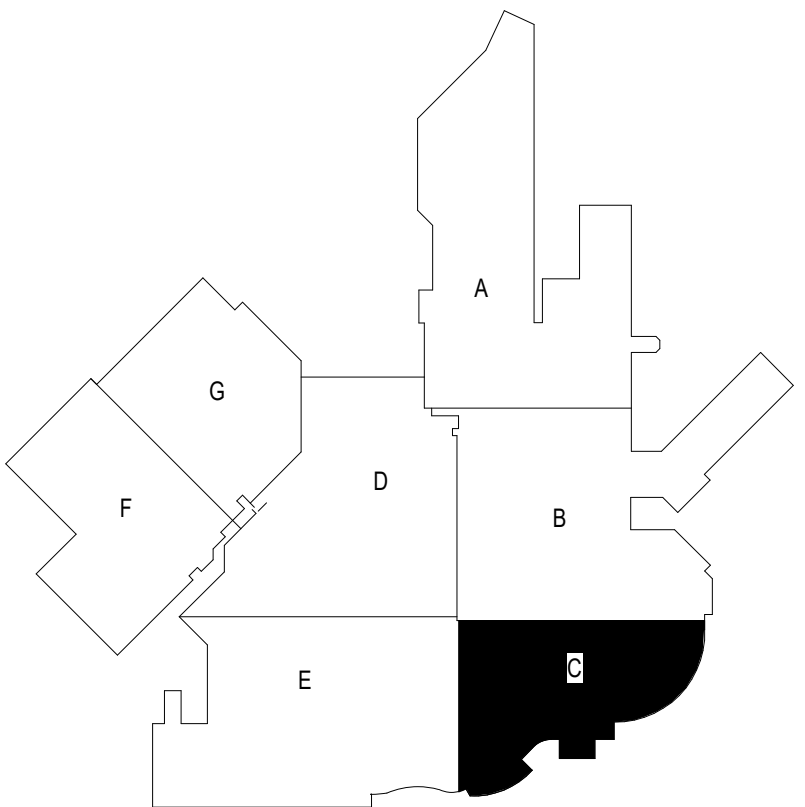
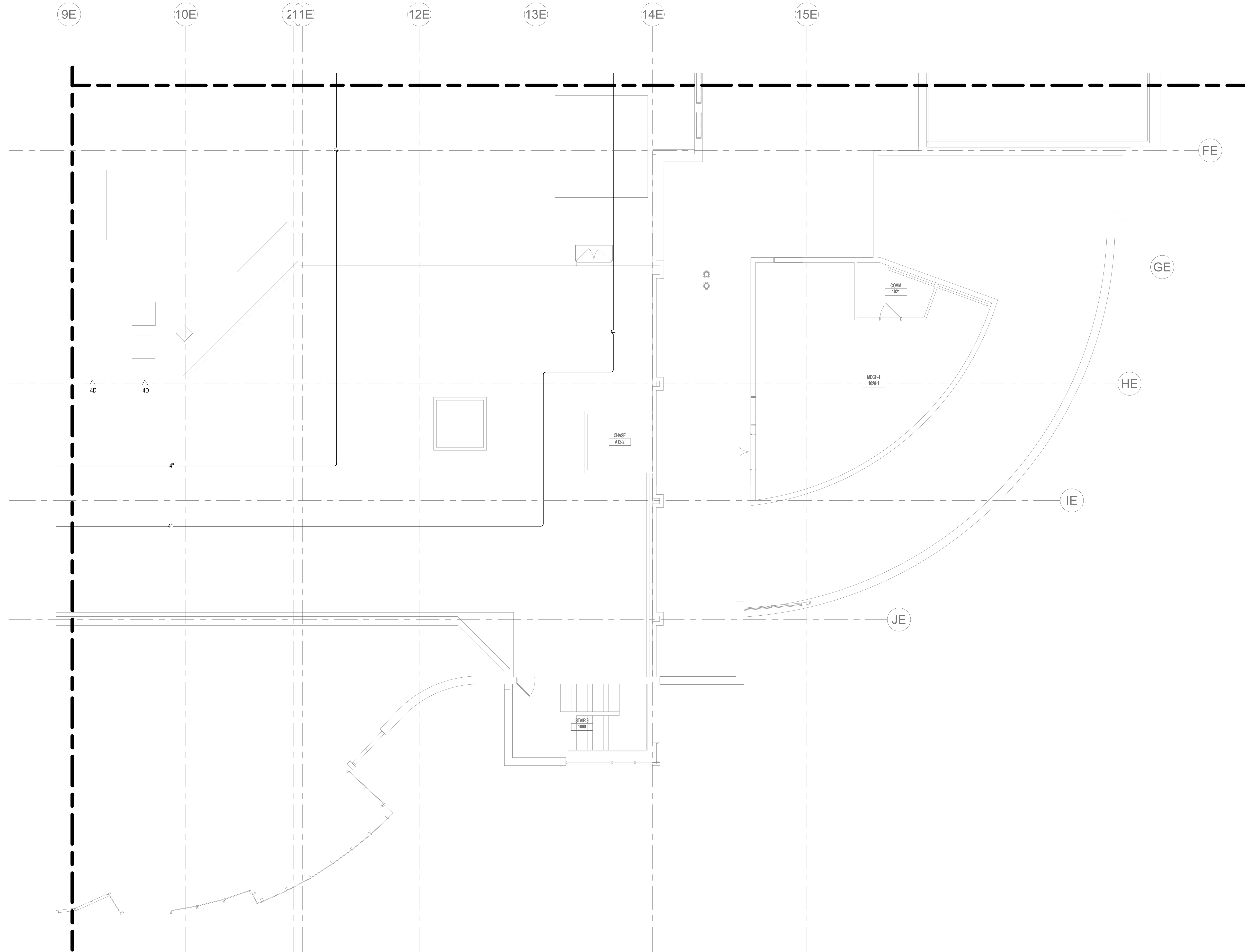
Checked
 KSB

Drawn
 NMT

Project Number
 438-20-910

Building Number
 5

Drawing Number
 ED311-05-C



KEYPLAN

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

1:96
0' 6" 12"

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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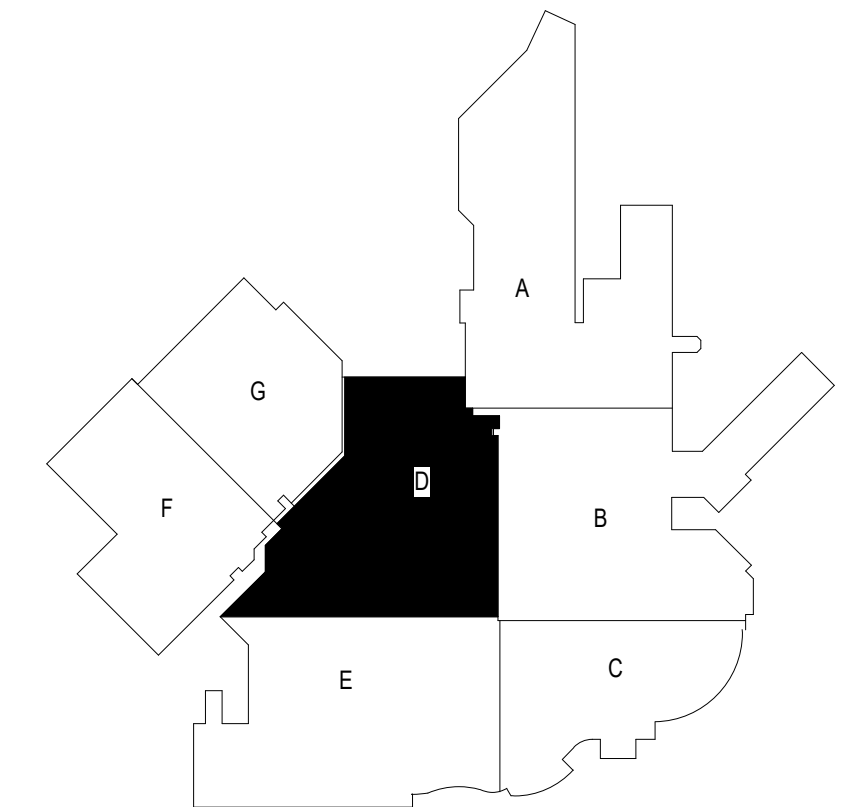
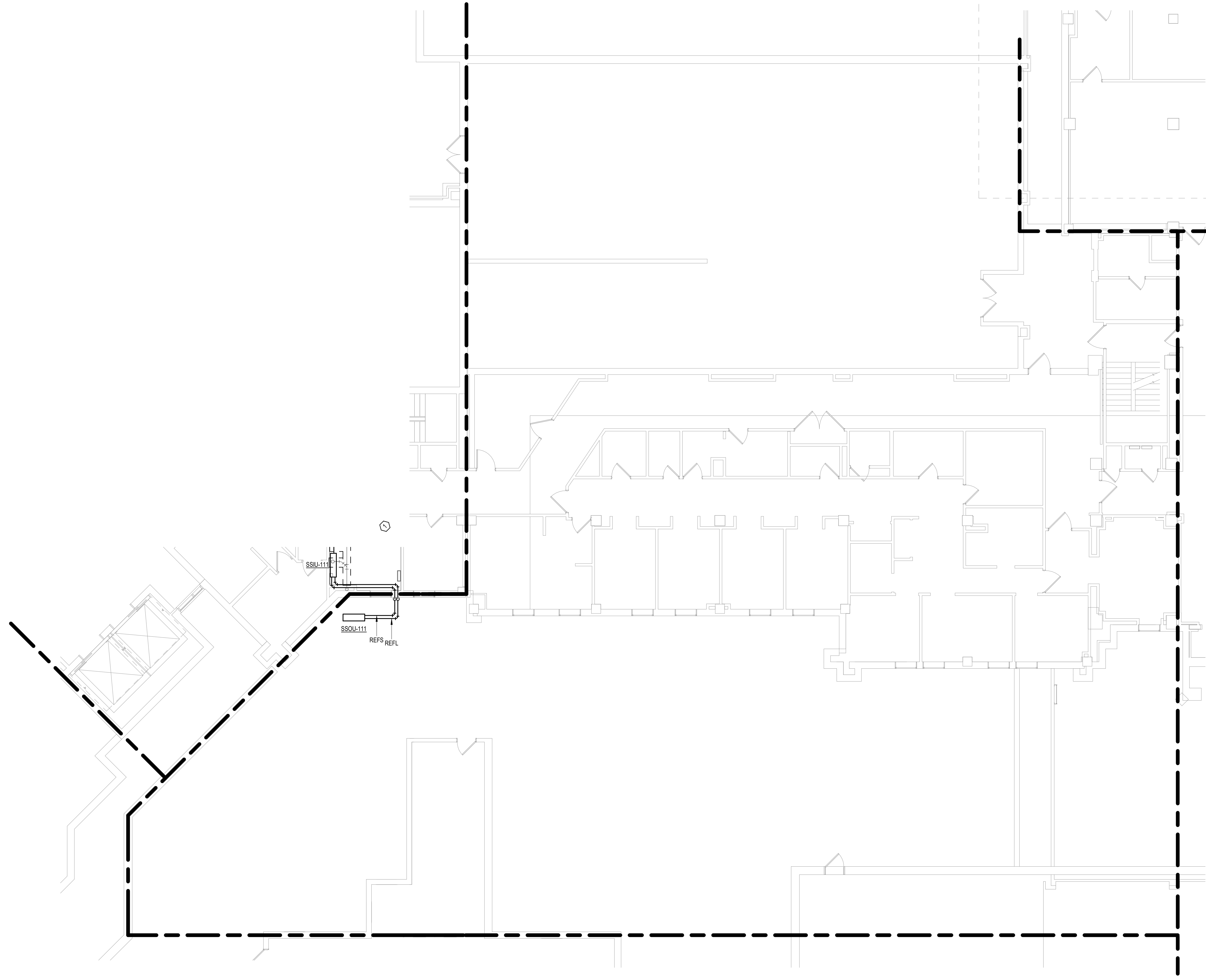
Drawing Title
FIRST LEVEL LOW VOLTAGE PLAN - BUILDING 5 - AREA C
Approved:

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
TN111-05-C

- 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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KEYPLAN

1 FIRST LEVEL PIPING PLAN - BUILDING 5 - AREA D
1/8" = 1'-0"

1:96
0' 6" 12"

Revisions:	Date:


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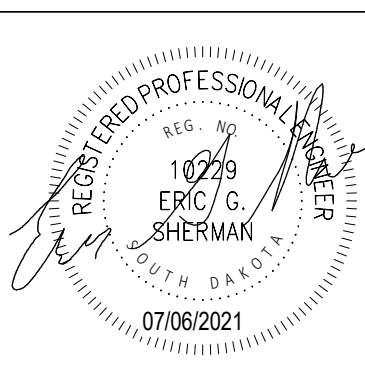
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Drawing Title
FIRST LEVEL PIPING PLAN - BUILDING 5 - AREA D

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

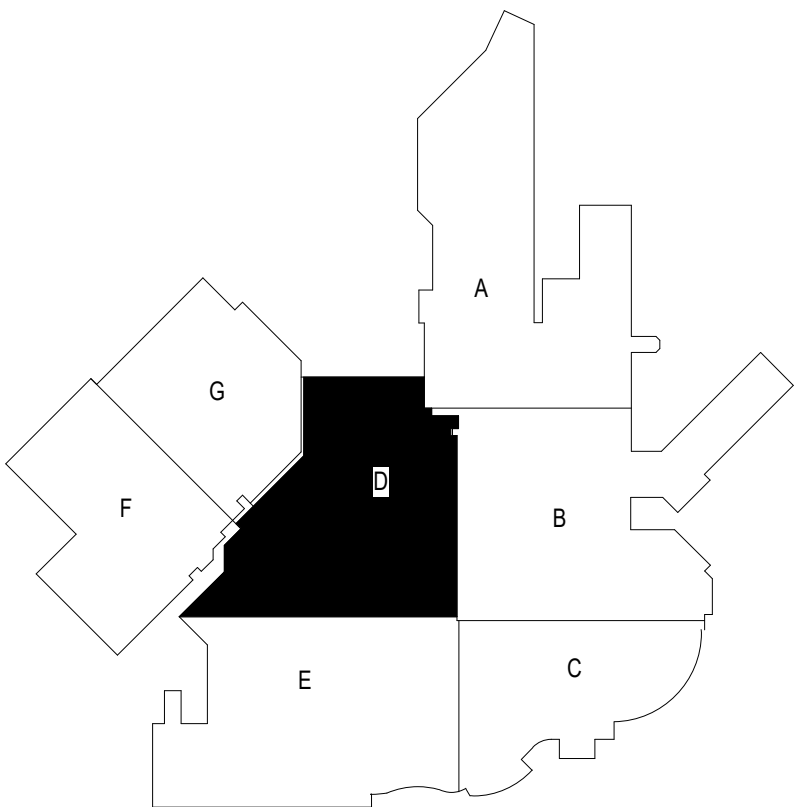
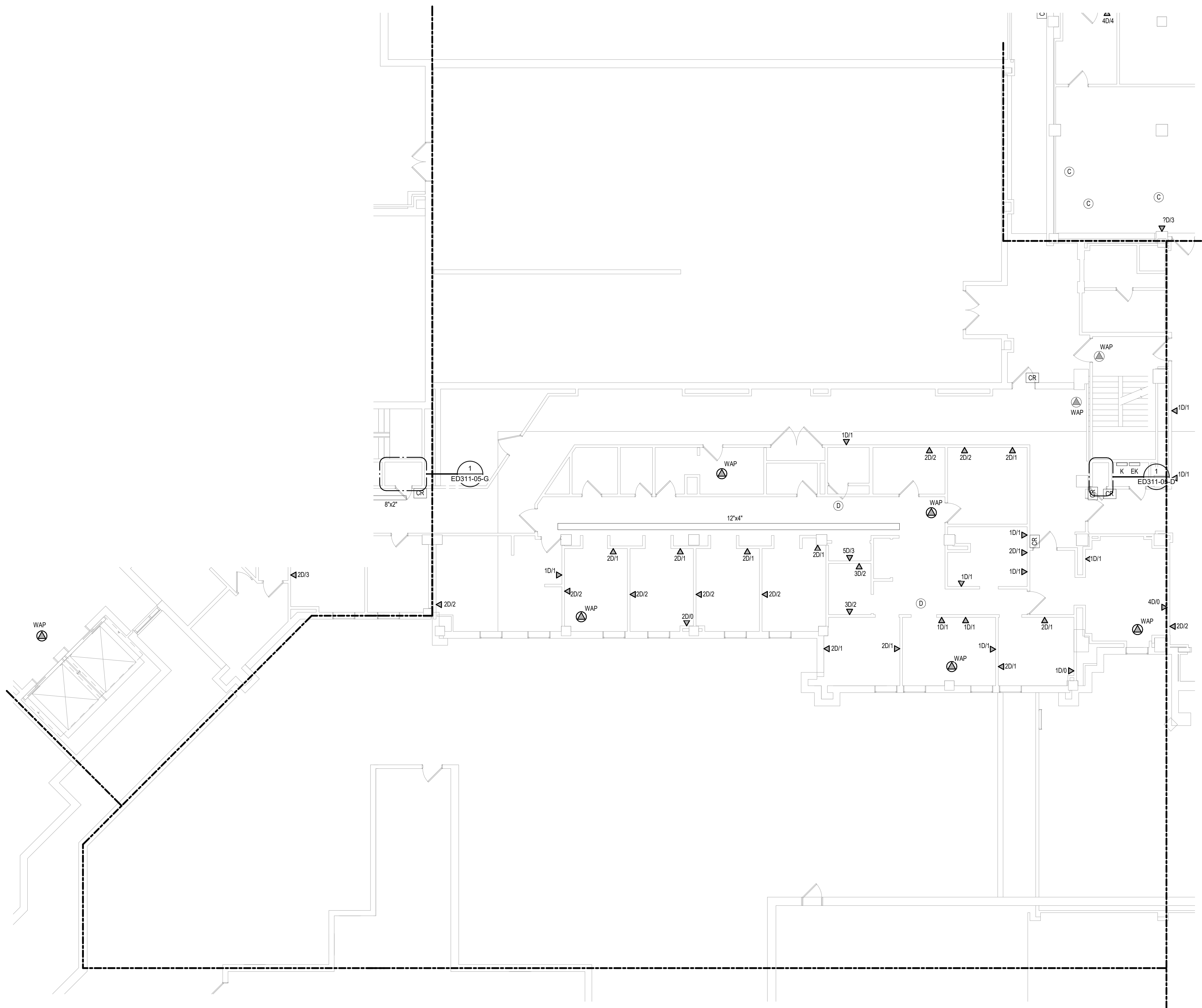
Checked
EGS

Drawn
PHV

Project Number
438-20-910

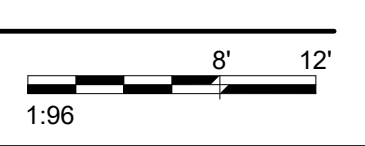
Building Number
5

Drawing Number
MP111-05-D



KEYPLAN

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



Revisions:	Date:

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Drawing Title
FIRST 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
ED111-05-D

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CABLING NOTES:

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1. ROOM 137

EXISTING CABLE COUNT
 DATA (CAT5): 0
 DATA (CAT6): 0
 VIDEO: 10
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 1

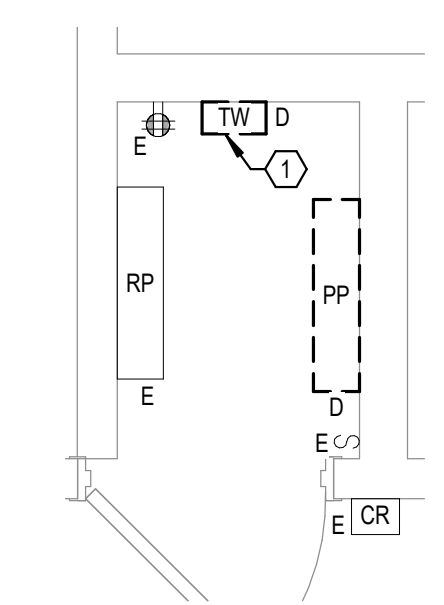
CABLE RELOCATION COUNT
 DATA (CAT5): 0
 DATA (CAT6): 0
 VIDEO: -10 TO ROOM 149
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: -1 TO ROOM 149

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.



1 FIRST LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - AREA D - ROOM 137
 1/2" = 1'-0"
 1:24


Revisions:	Date:

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 Omaha, NE 68134
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STAMP



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

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

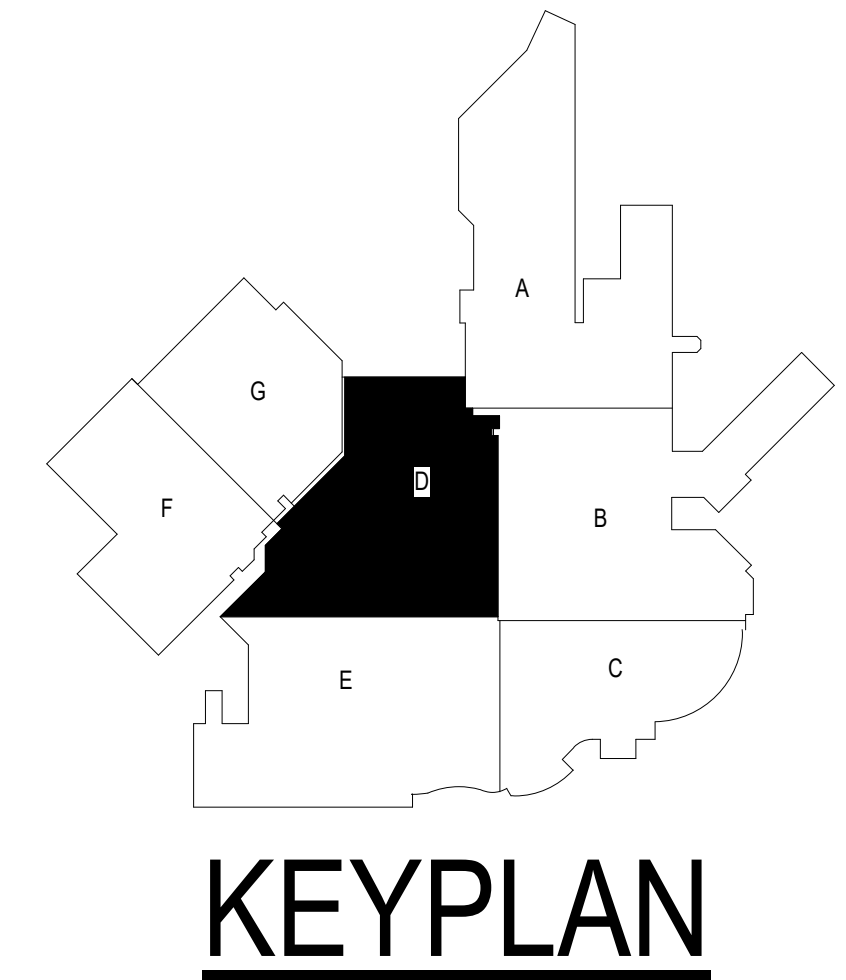
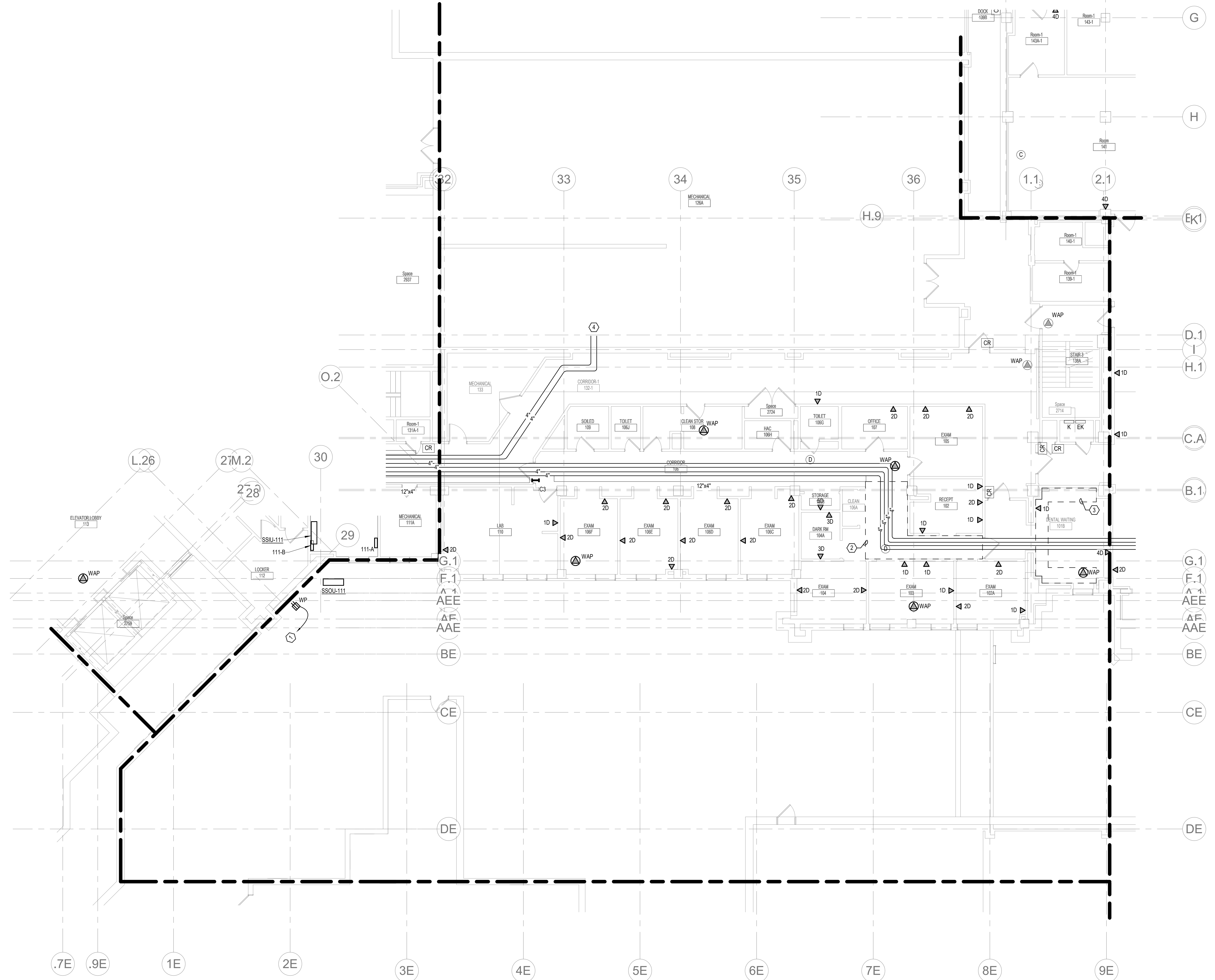
Drawing Title
FIRST LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - ENLARGED ROOMS - AREA D
 Approved:

Phase
BID DOCUMENTS
FULLY SPRINKLERED

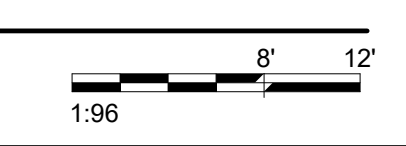
Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES
 Location
 Sioux Falls, SD
 Issue Date
 07/06/2021
 Checked
 KSB
 Drawn
 NMT

Project Number
 438-20-910
 Building Number
 5
 Drawing Number
ED311-05-D

- SHEET NOTES:**
- POWER TO NEAREST AVAILABLE BRANCH CIRCUIT FEEDING RECEPTACLES IN THIS AREA.
 - ABOVE CEILING SPACE IS EXTREMELY LIMITED IN THIS AREA. UTILIZE HOOKS OR OTHER SIMILAR SUPPORT METHODS FOR CABLING IN THIS AREA.
 - ROUTE CABLING AND CONDUIT ABOVE PLASTER CORNICE IN THIS AREA.
 - ROUTE CONDUIT UP THROUGH FLOOR PENETRATION TO TELECOMMUNICATIONS ROOM ABOVE.



1 FIRST 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.

7/16/2021 14:40:00 PM
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Revisions:	Date:

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Office of Construction and Facilities Management



U.S. Department of Veterans Affairs

Drawing Title
FIRST LEVEL LOW VOLTAGE 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

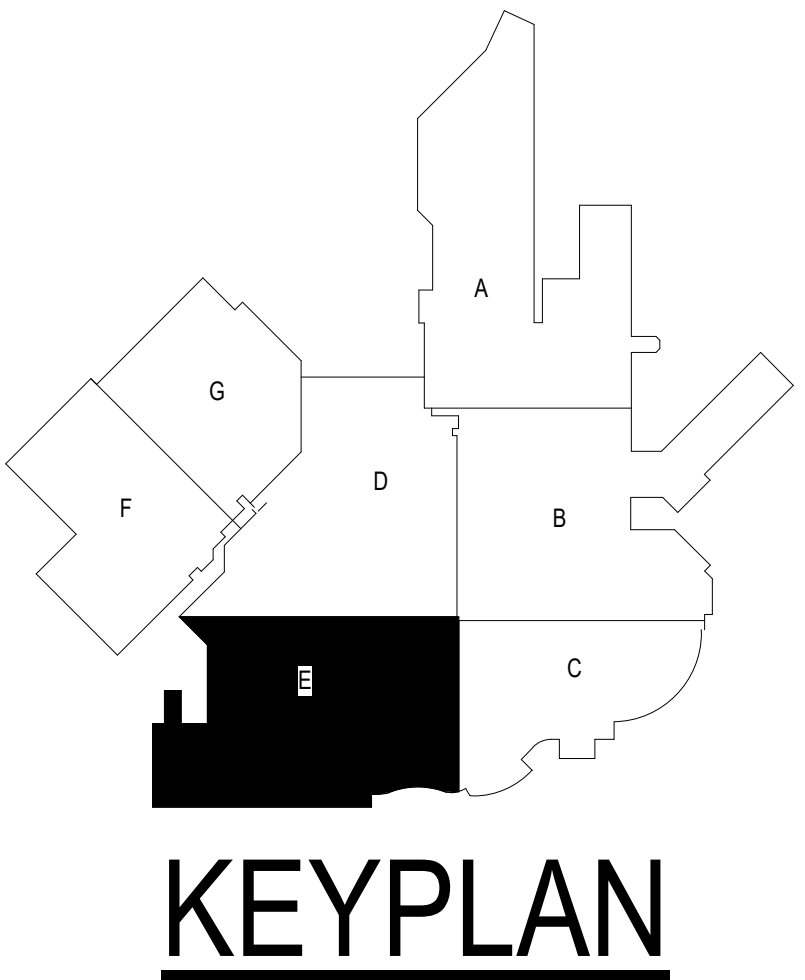
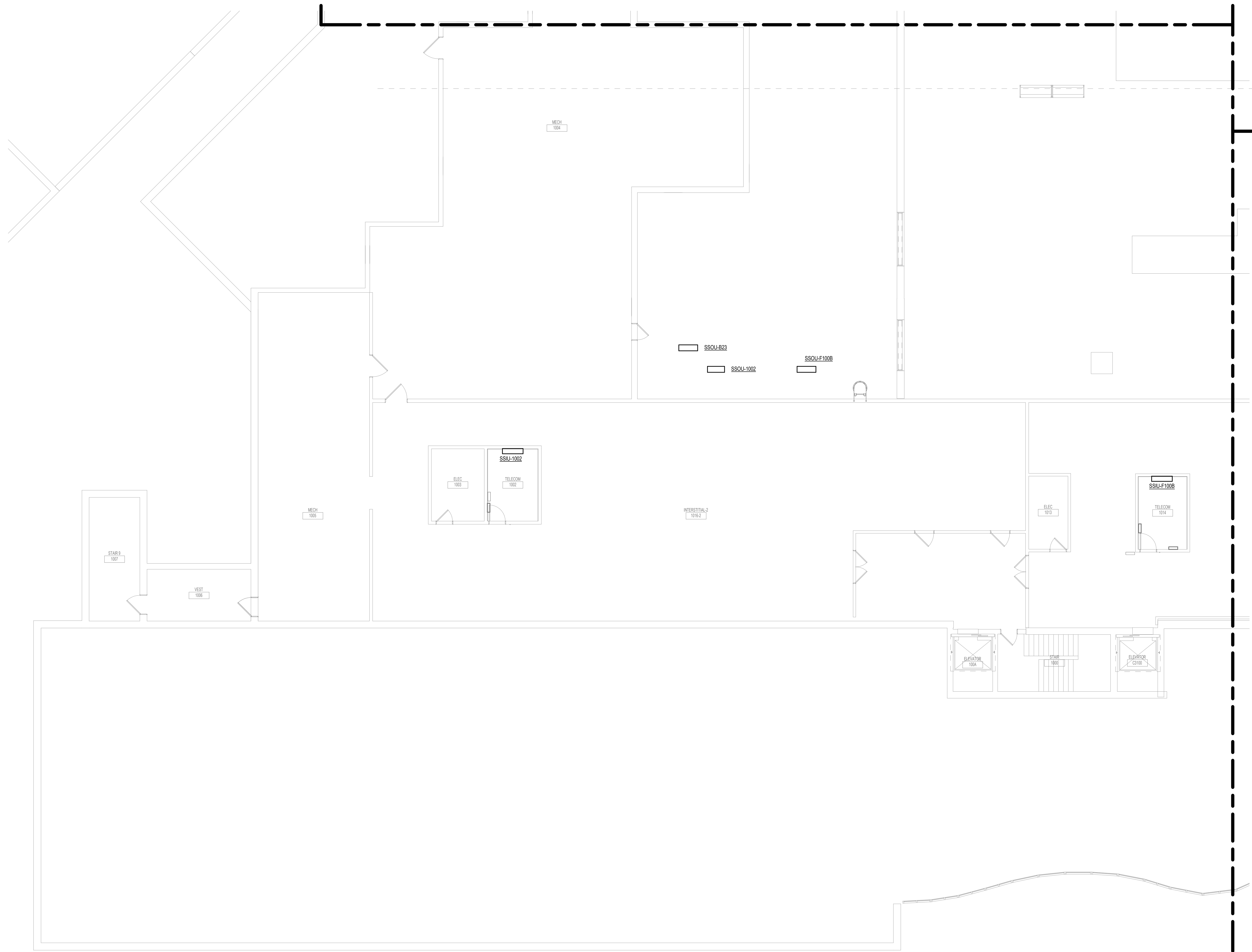
Checked
KSB

Drawn
NMT

Project Number
438-20-910

Building Number
5

Drawing Number
TN111-05-D



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

1:96 0' 6" 12"

Revisions:	Date:

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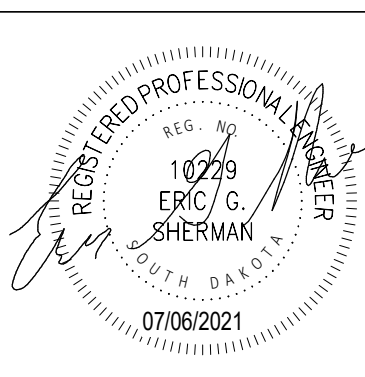
10360 Ellison Circle
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U.S. Department of Veterans Affairs

Drawing Title
FIRST 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

Checked
EGS

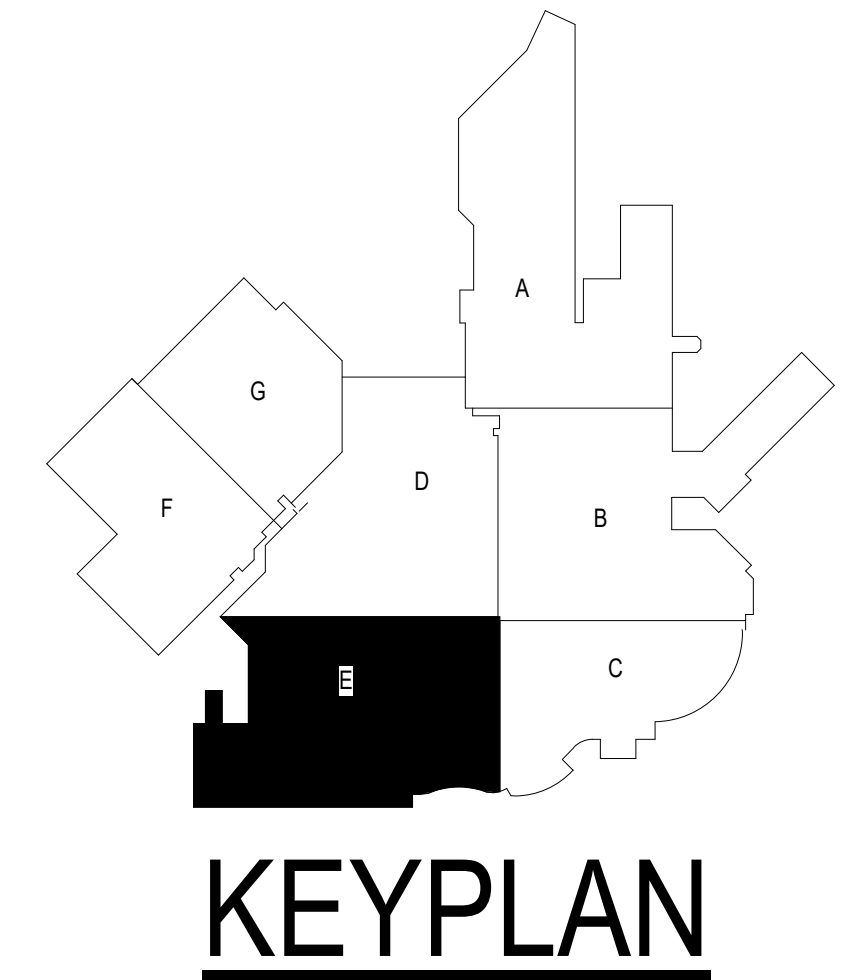
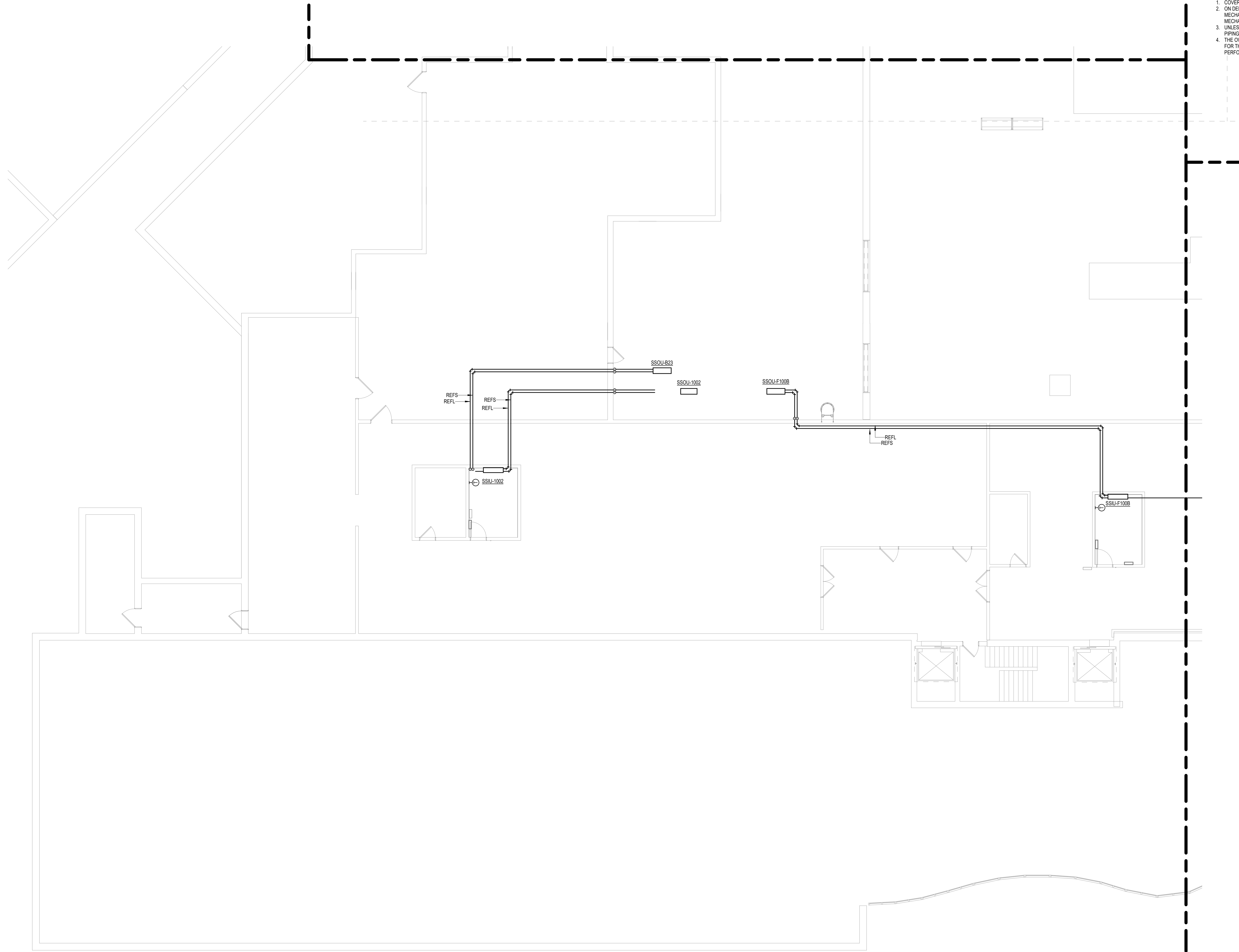
Drawn
PHV

Project Number
438-20-910

Building Number
5

Drawing Number
MH111-05-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.
 - 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 FIRST LEVEL PIPING PLAN - BUILDING 5 - AREA E
1/8" = 1'-0"

1:96 0' 6" 12"

Revisions:	Date:

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Drawing Title
FIRST LEVEL PIPING 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

Checked
EGS

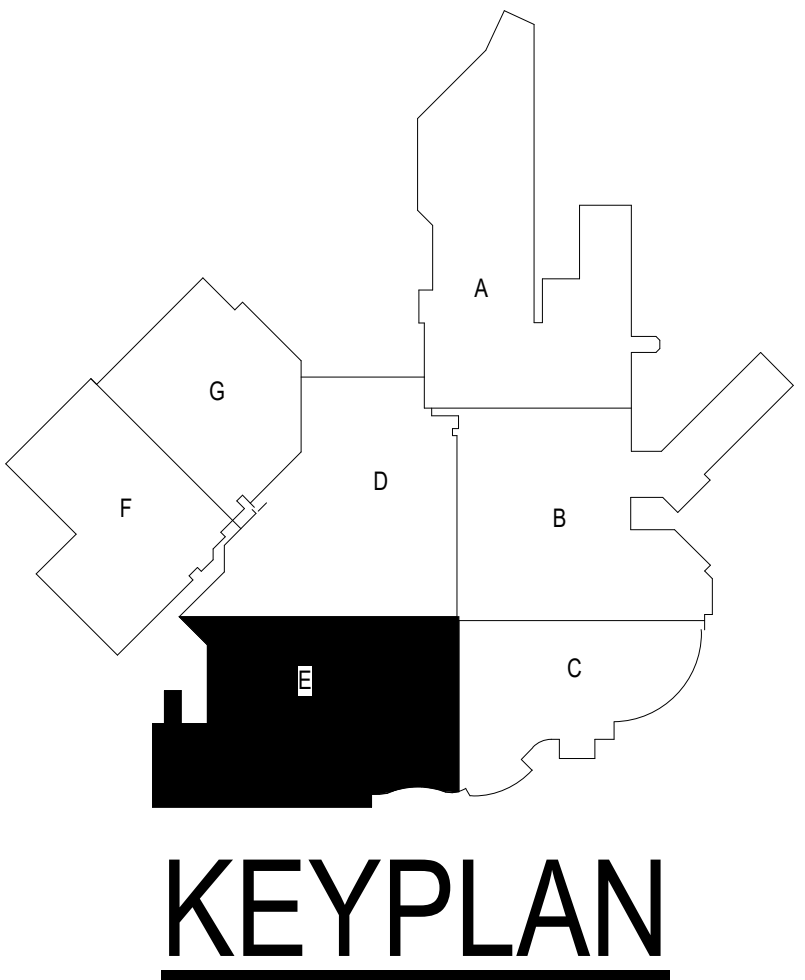
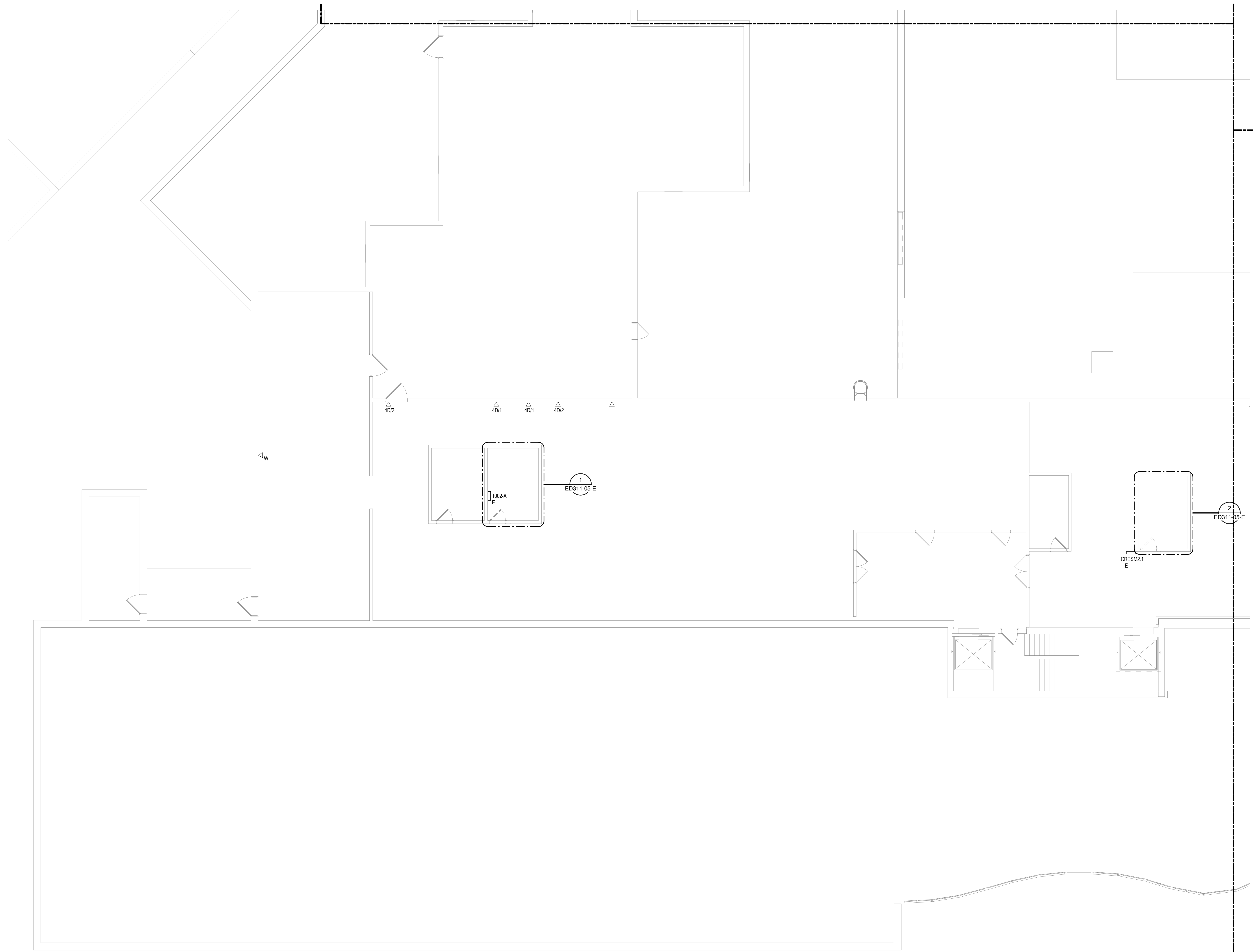
Drawn
PHV

Project Number
438-20-910

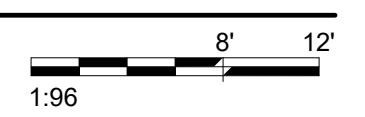
Building Number
5

Drawing Number
MP111-05-E

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1 FIRST LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA E
1/8" = 1'-0"



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 7/16/2021 4:27:00 PM

Revisions:	Date:

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Office of Construction and Facilities Management



U.S. Department of Veterans Affairs

Drawing Title

FIRST LEVEL ELECTRICAL 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

07/06/2021

Checked

KSB

Drawn

NMT

Project Number

438-20-910

Building Number

5

Drawing Number

ED111-05-E

CABLING NOTES:

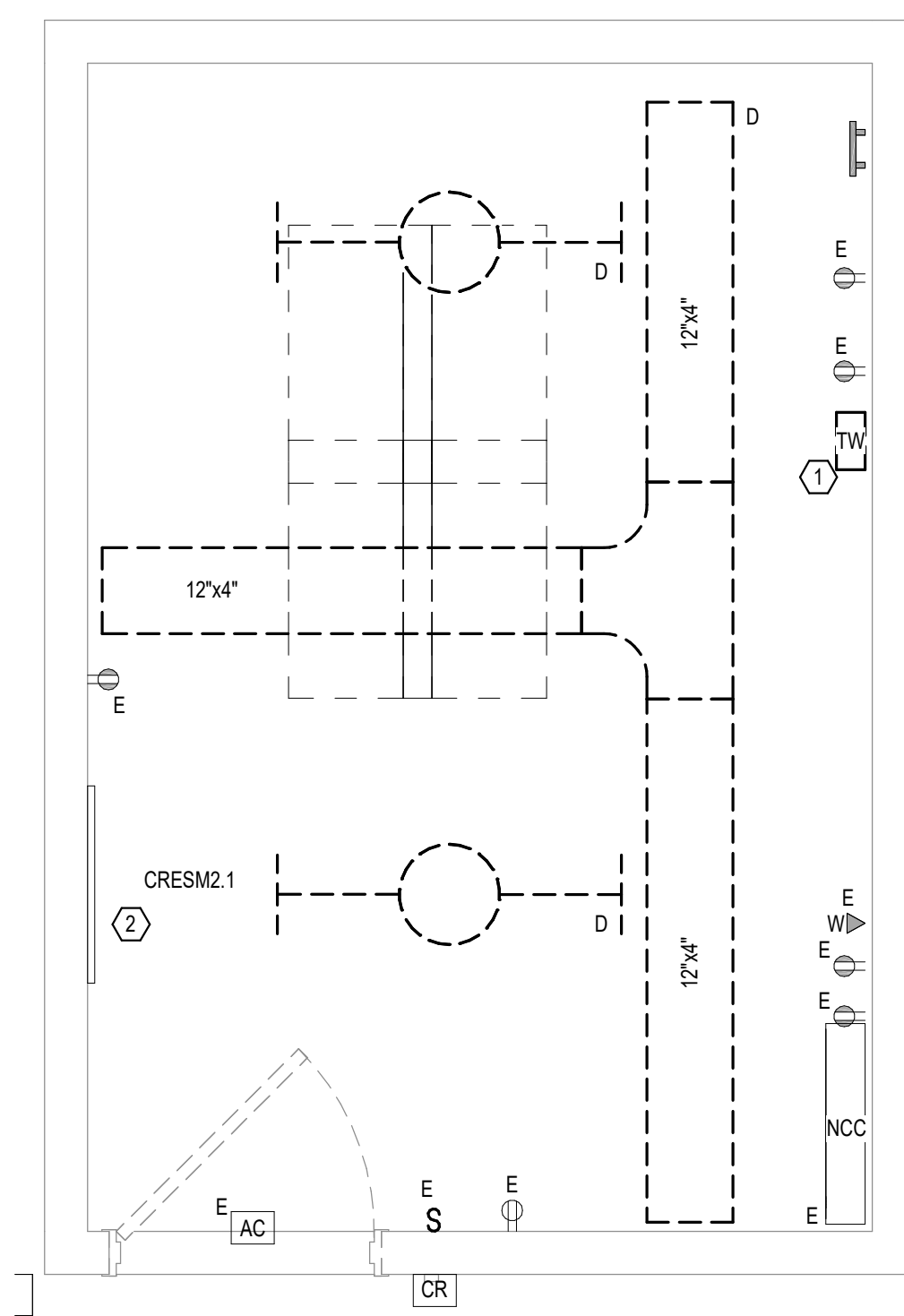
A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT. REMOVE ALL UNUSED CABLING AT THE COMPLETION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

1. ROOM 1002
 EXISTING CABLE COUNT
 DATA (CAT6): 156
 DATA (CAT5): 0
 VIDEO: 1
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
 CABLE RELOCATION COUNT
 DATA (CAT6): 0
 DATA (CAT5): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
 EXISTING CABLE TO REMAIN
 DATA (CAT6): 156
 VIDEO: 1
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
 FINAL CABLE COUNT
 DATA (CAT6): 156
 VIDEO: 1
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

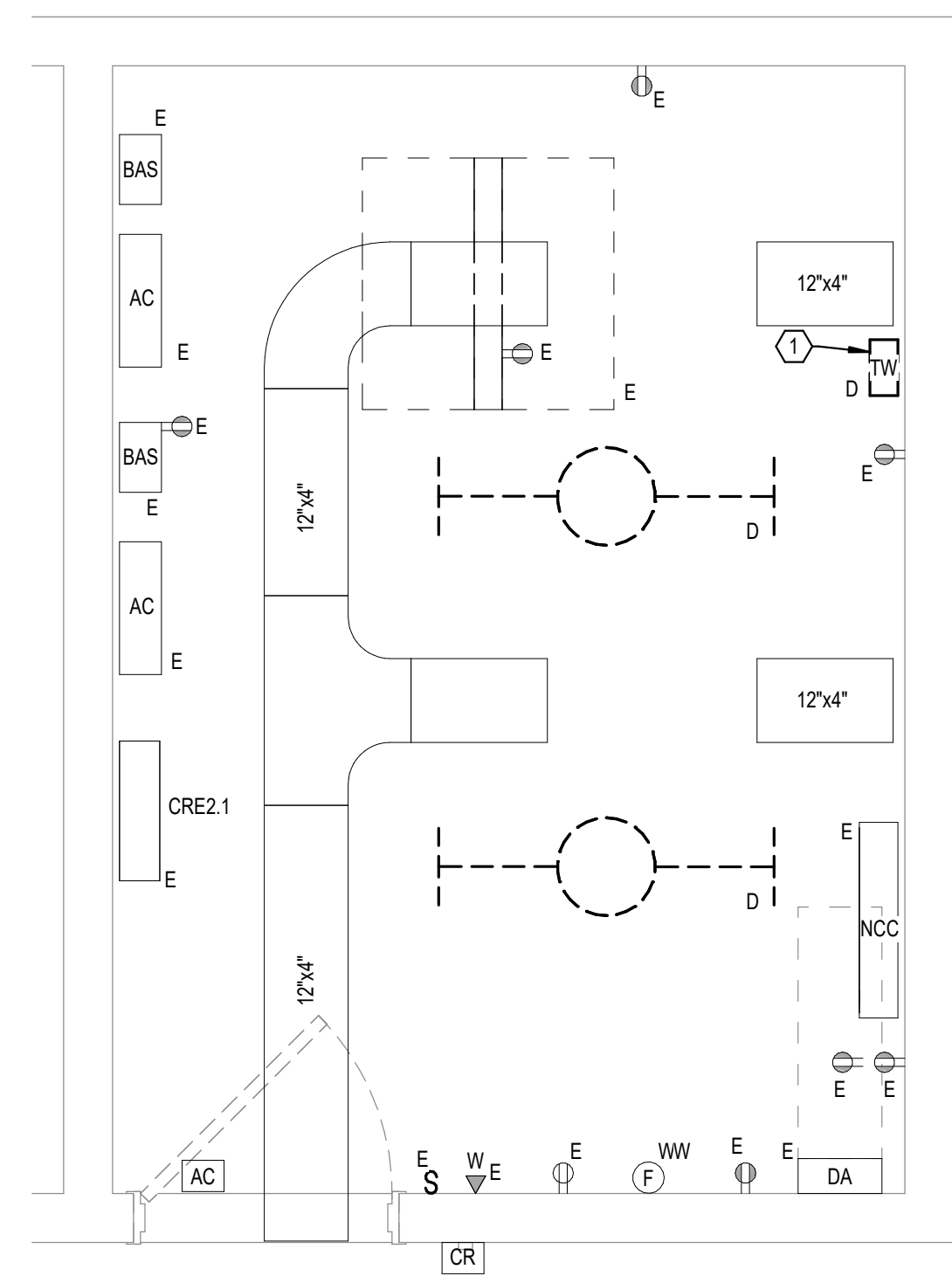
2. ROOM 1014
 EXISTING CABLE COUNT
 DATA (CAT6): 281
 DATA (CAT5): 0
 VIDEO: 2
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 1
 CABLE RELOCATION COUNT
 DATA (CAT6): 0
 DATA (CAT5): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
 EXISTING CABLE TO REMAIN
 DATA (CAT6): 281
 VIDEO: 2
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 1
 FINAL CABLE COUNT
 DATA (CAT6): 281
 VIDEO: 2
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 1

SHEET NOTES:

- EXISTING TELEPHONE WALL FIELD TO BE DEMOLISHED. NEW COPPER BACKSONE TO BE PROVIDED ON PATCH PANELS IN TELECOMMUNICATIONS RACK. REFER TO CABLING NOTES AND NEW WORK PLANS FOR ADDITIONAL REQUIREMENTS.
- ELECTRICAL PANEL INDICATED SHALL BE RELOCATED TO ACCOMMODATE NEW PANEL INSTALLATION IN CURRENT LOCATION. REFER TO NEW WORK ON NEW ENLARGED PLAN FOR ADDITIONAL INFORMATION.



2 FIRST LEVEL ELECTRICAL DEMOLITION FLOOR PLAN - BUILDING 5 - AREA E - ROOM 1014
 1/2" = 1'-0"
 1:24



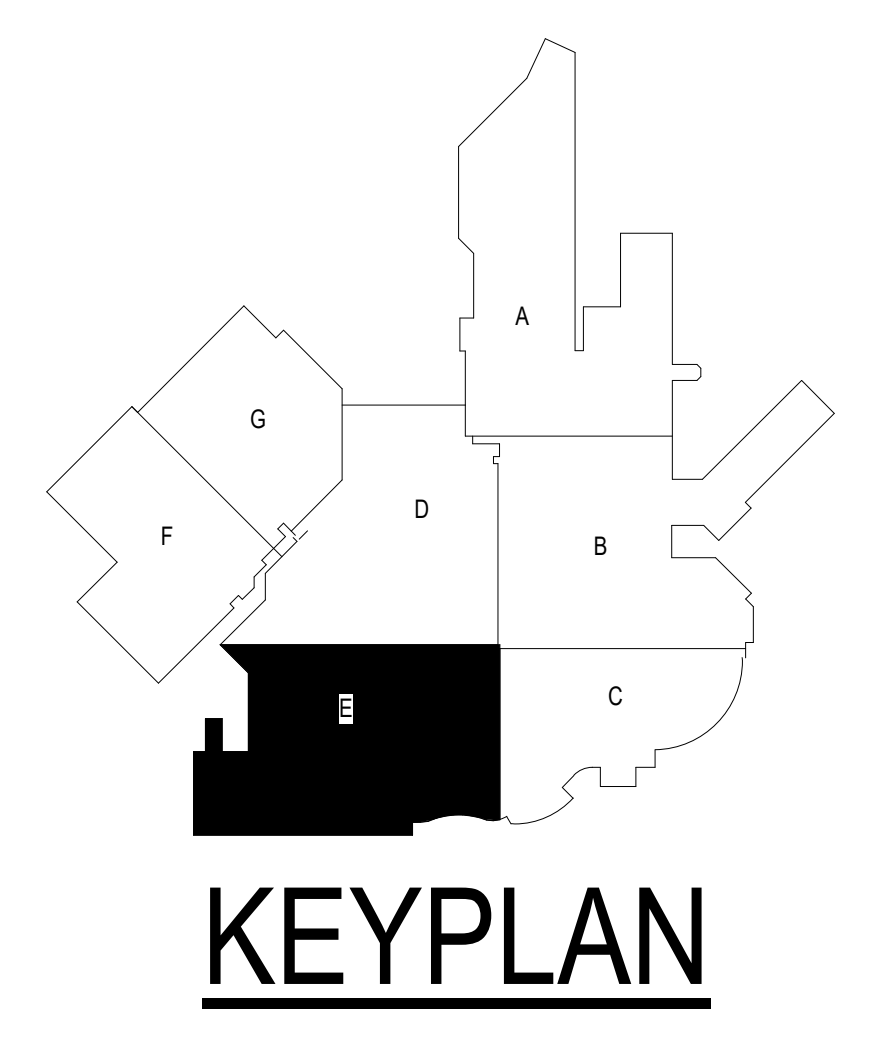
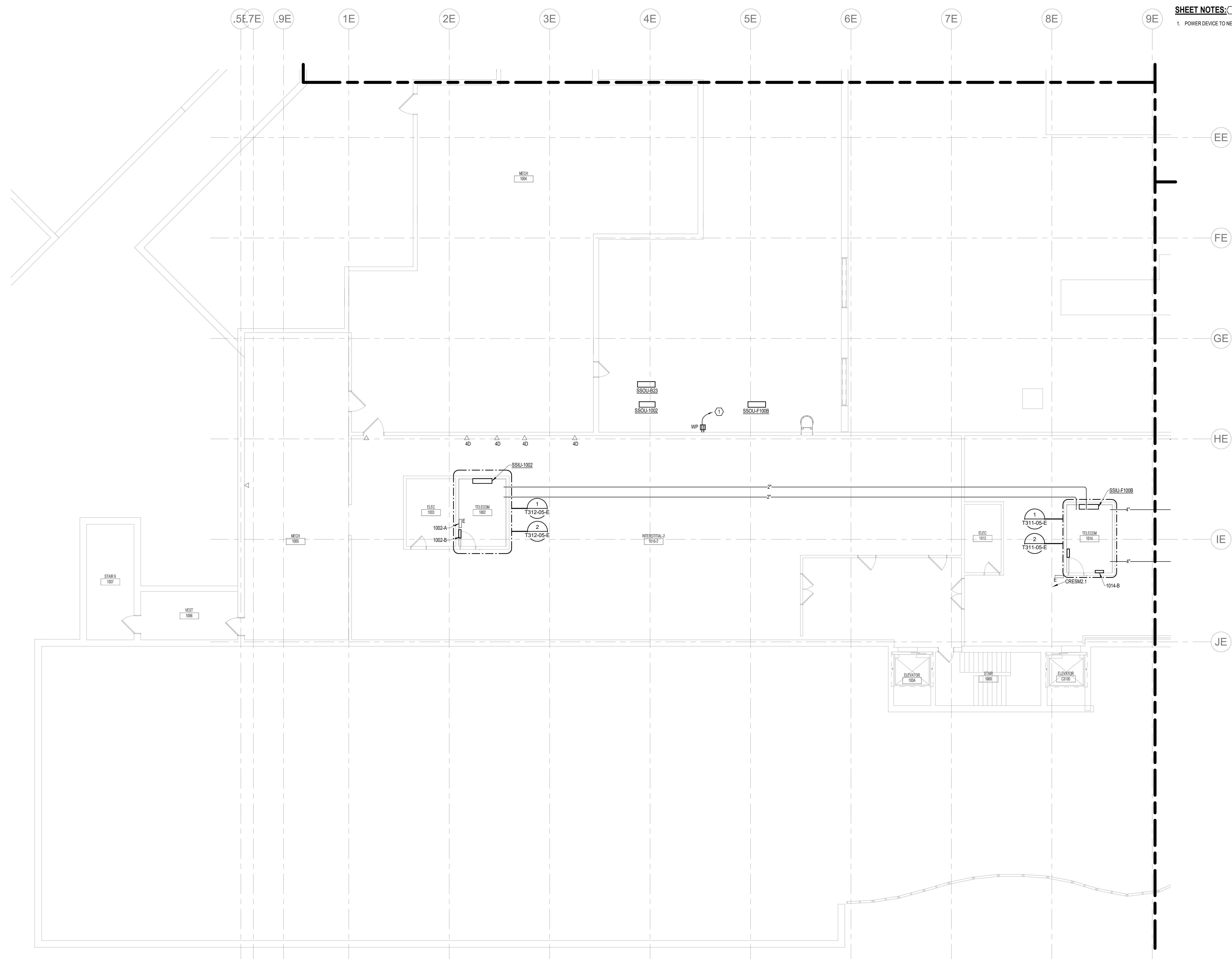
1 FIRST LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - AREA E - ROOM 1002
 1/2" = 1'-0"
 1:24

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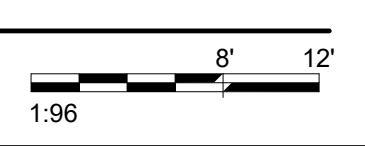
Revisions:	Date:

CONSULTANT SPECIALIZED ENGINEERING SOLUTIONS <small>10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5520 www.specializedeng.com</small>	ARCHITECT/ENGINEER OF RECORD <small>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</small>	STAMP <small>Nathan Timm BICSI ID # 346555 EXPIRES 12-31-23 REGISTERED COMMUNICATIONS DISTRIBUTION</small>	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title FIRST LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - ENLARGED ROOMS - 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 Checked KSB Drawn NMT	Project Number 438-20-910 Building Number 5 Drawing Number ED311-05-E
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SHEET NOTES:
 1. POWER DEVICE TO NEAREST AVAILABLE BRANCH CIRCUIT FEEDING RECEPTACLES IN THIS AREA.



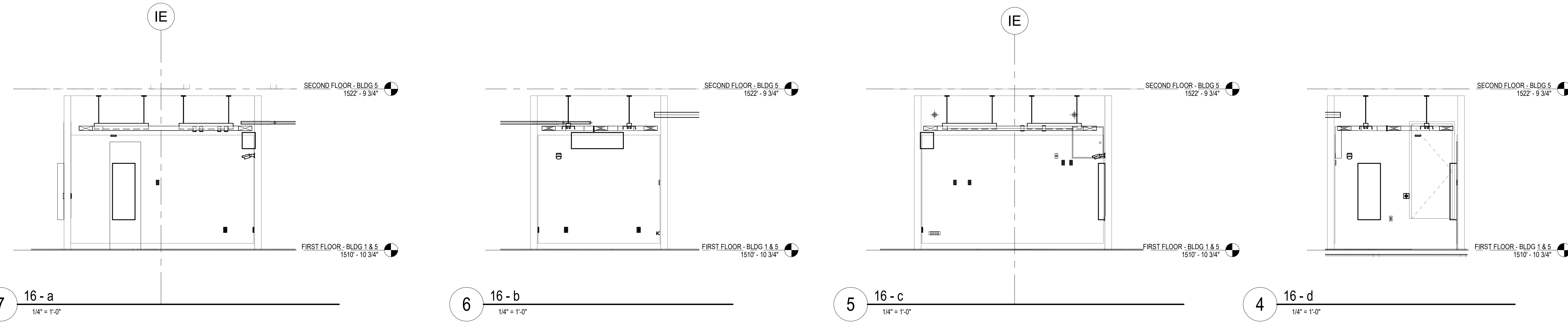
1 FIRST LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 5 - AREA E
 1/8" = 1'-0"



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 Nathan Timm BICSI ID # 346555 EXPIRES 12-31-23	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title FIRST LEVEL LOW VOLTAGE PLAN - BUILDING 5 - AREA E	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 5
Revisions:	Date:	CONSULTANT SPECIALIZED ENGINEERING SOLUTIONS 10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5520 www.specializedeng.com	U.S. Department of Veterans Affairs	Issue Date 07/06/2021	Checked KSB	Drawn NMT	Drawing Number TN111-05-E

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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 1014

EXISTING CABLE COUNT
 DATA (CAT6): 281
 DATA (CAT5): 0
 VIDEO: 2
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 1

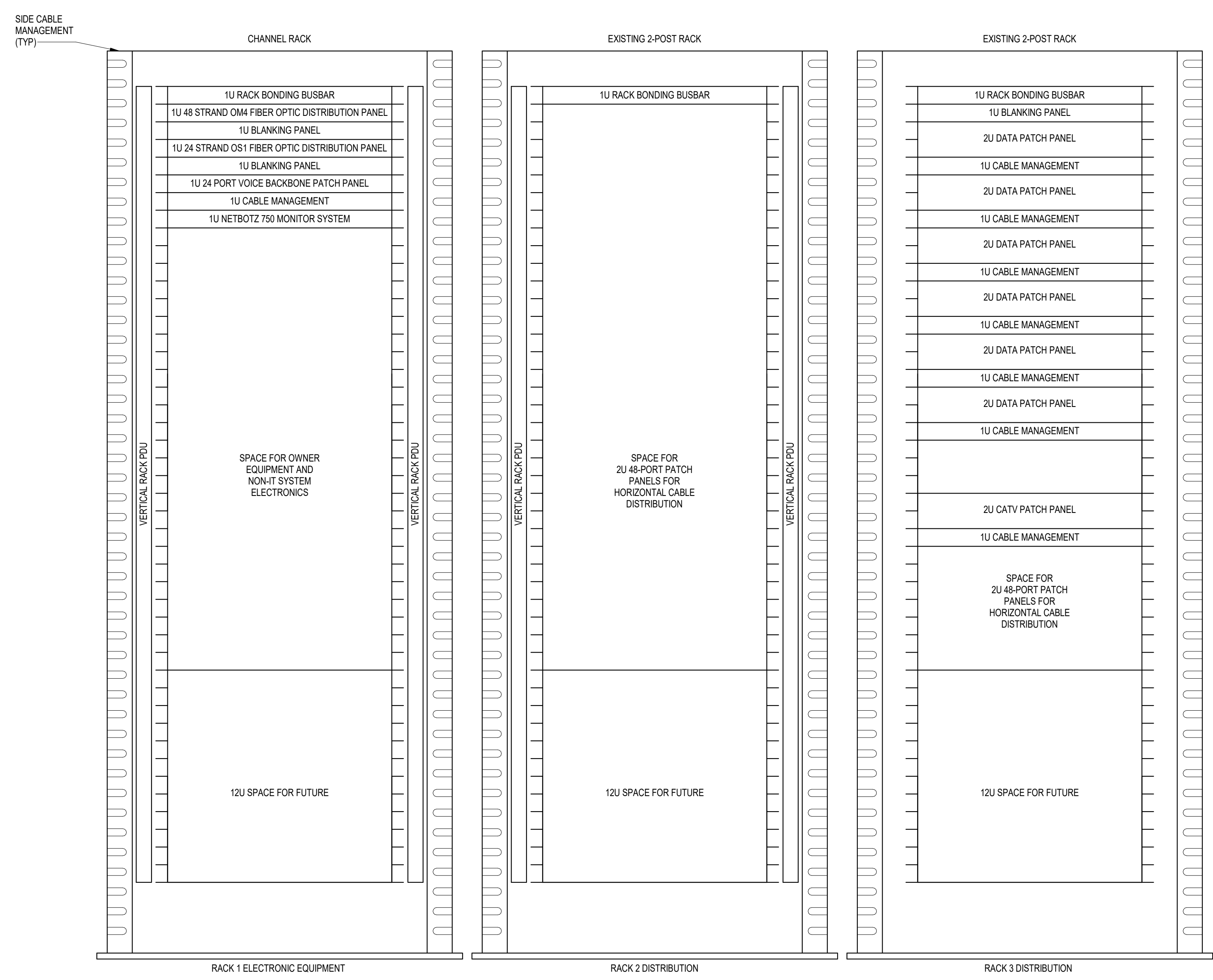
CABLE RELOCATION COUNT
 DATA (CAT6): 0
 DATA (CAT5): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

EXISTING CABLE TO REMAIN
 DATA (CAT6): 281
 VIDEO: 2
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 1

FINAL CABLE COUNT
 DATA (CAT6): 281
 VIDEO: 2
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 1

SHEET NOTES:

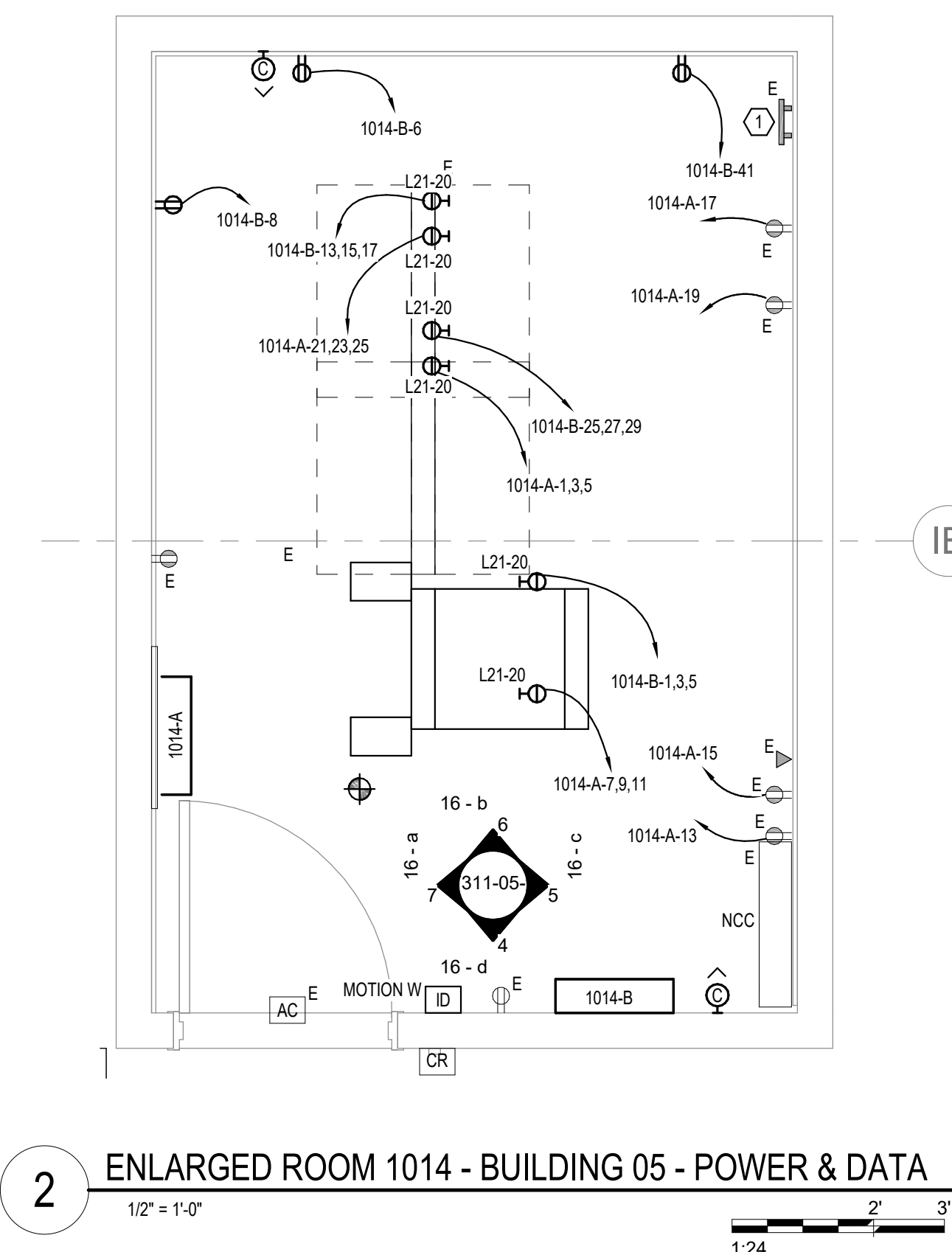
1. PROVIDE NEW BONDING CONDUCTOR AS SHOWN ON TELECOMMUNICATIONS ROUTING SCHEMATIC ON SHEET EE000.



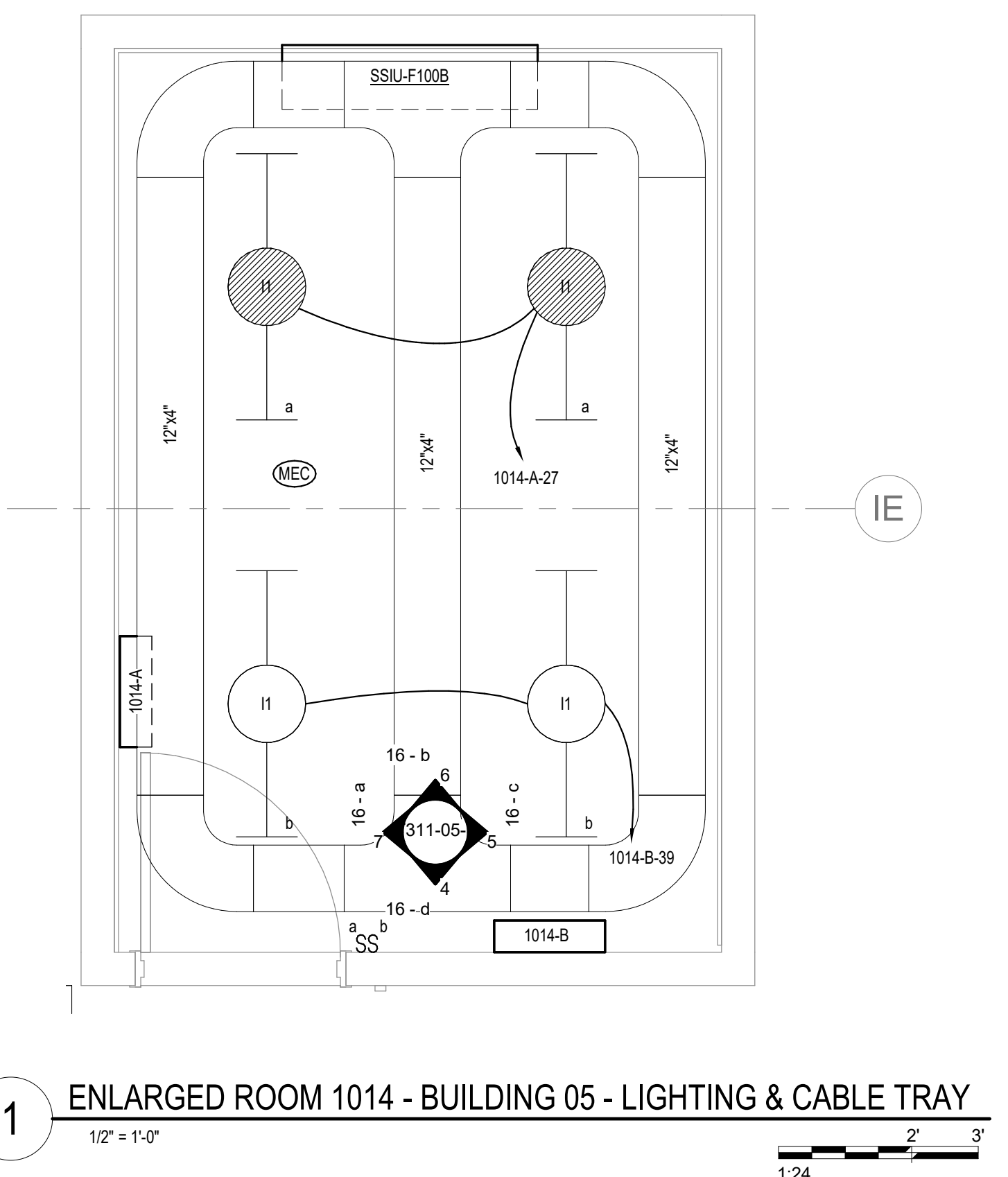
NOTES:

- 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 1014
NO SCALE



2 ENLARGED ROOM 1014 - BUILDING 05 - POWER & DATA
1/2" = 1'-0"

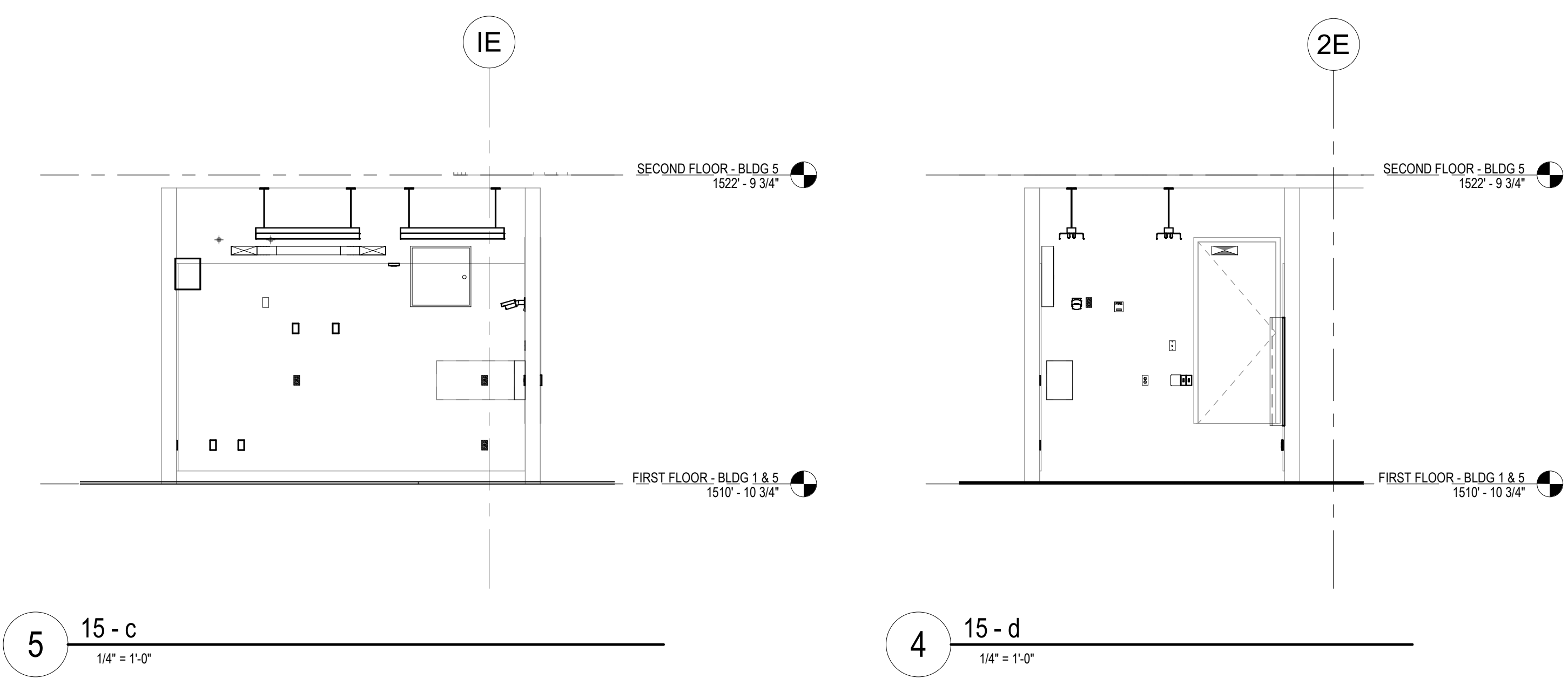
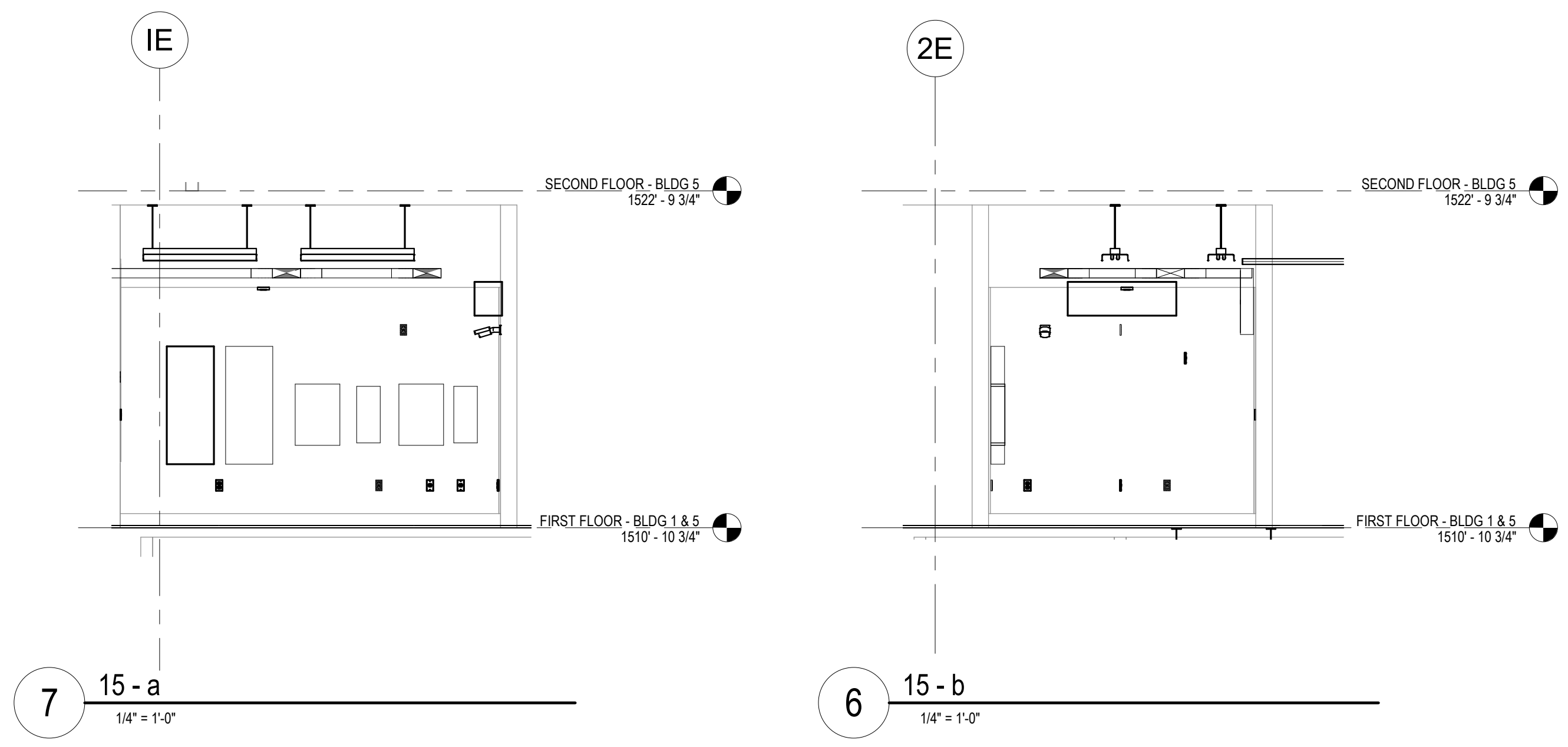


1 ENLARGED ROOM 1014 - BUILDING 05 - LIGHTING & CABLE TRAY
1/2" = 1'-0"

BIM 360/202555.000 - VA Sioux Falls EHRM/202555.000 - VA Sioux Falls EHRM/202555.000 - VA Sioux Falls EHRM/202555.000

Revisions:	Date:

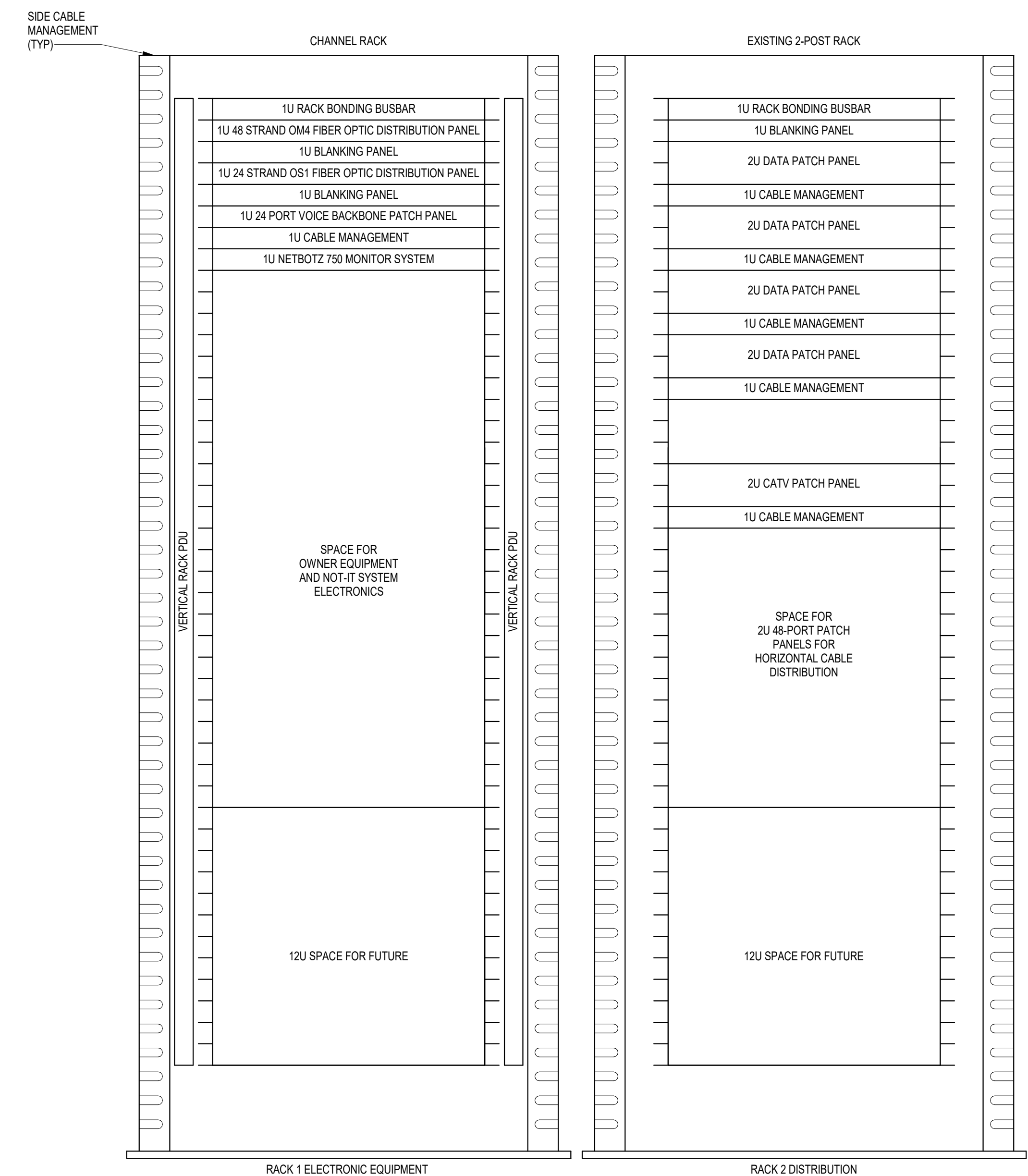
CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090	STAMP Nathan Timm BICSI ID # 346555 EXPIRES 12-31-23 REGISTERED COMMUNICATIONS DISTRIBUTION	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title ENLARGED ROOM 1014	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910
				Approved:	Fully Sprinklered FULLY SPRINKLERED	Location Sioux Falls, SD	Building Number 5
				Issue Date 07/06/2021	Checked KSB	Drawn NMT	Drawing Number T311-05-E



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.

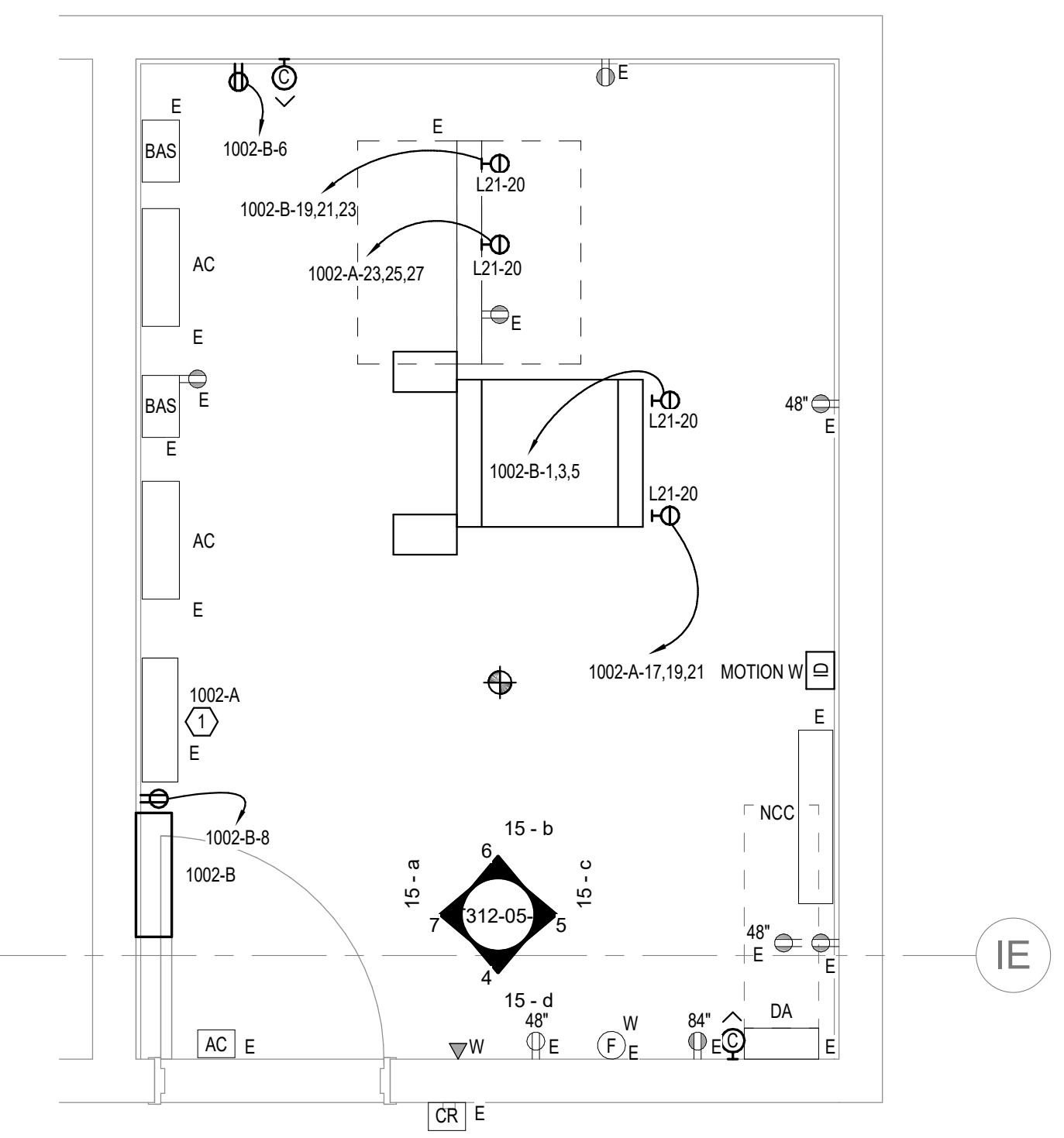
ROOM 1002
 EXISTING CABLE COUNT
 DATA (CAT5): 156
 DATA (CAT6): 0
 VIDEO: 1
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
 CABLE RELOCATION COUNT
 DATA (CAT5): 0
 DATA (CAT6): 0
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
 EXISTING CABLE TO REMAIN
 DATA (CAT5): 156
 DATA (CAT6): 0
 VIDEO: 1
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
 FINAL CABLE COUNT
 DATA (CAT5): 156
 DATA (CAT6): 0
 VIDEO: 1
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

SHEET NOTES:
 1. PANEL 'CREZ 1' TO BE RENAMED TO PANEL '1002-A'. PROVIDE PERMANENT NAMEPLATE TO MATCH NEW ELECTRICAL EQUIPMENT IN THE ROOM. PROVIDE NEW FEEDERS TO PANEL IN ACCORDANCE WITH ONE-LINE DIAGRAM ON SHEET EES0.

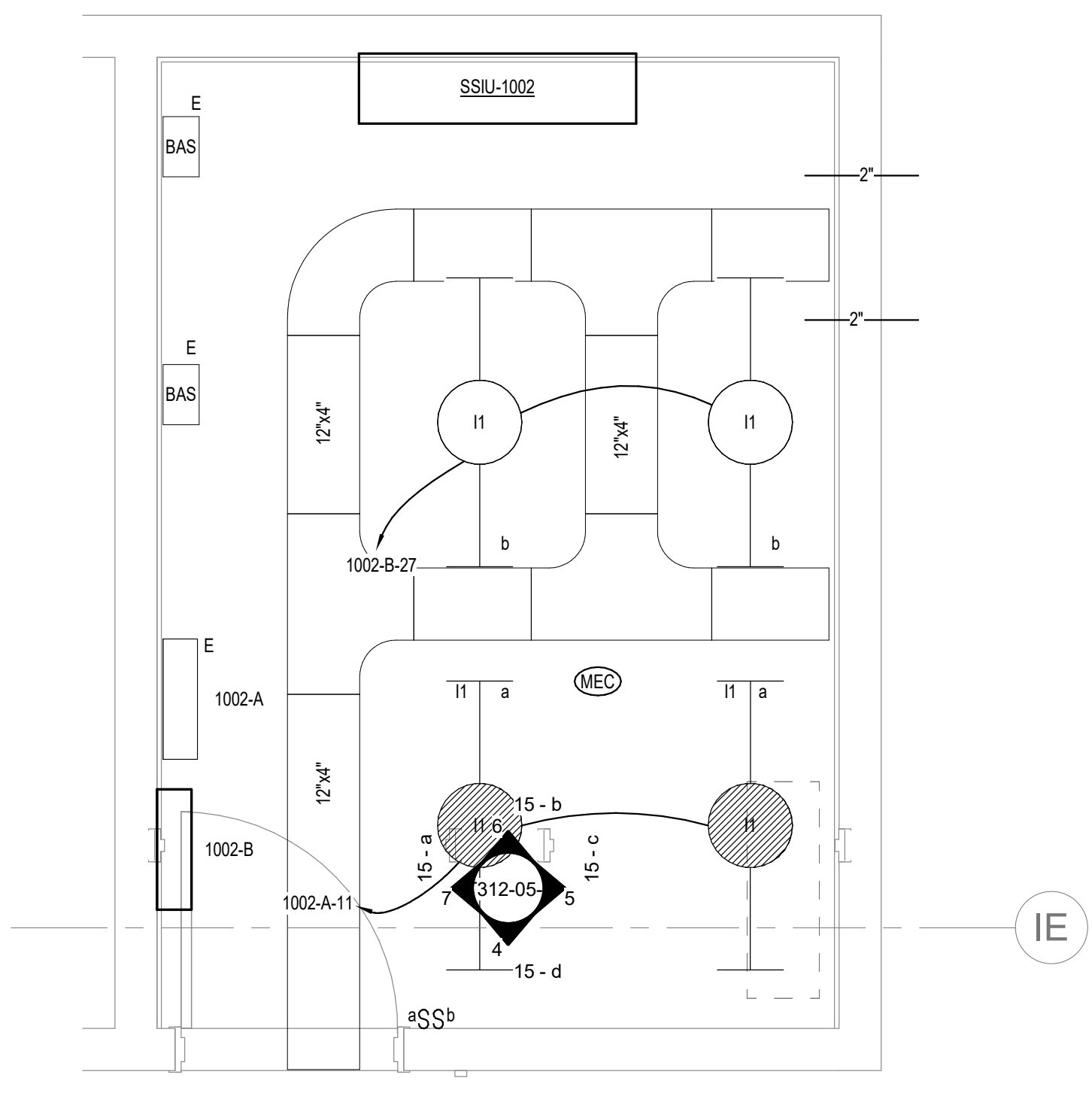


NOTES:
 1. COORDINATE FINAL RACK LAYOUT WITH OWNER'S ISIT REPRESENTATIVE.
 2. PROVIDE COMPONENTS NOT LISTED BY OWNER.
 3. SEE SPECIFICATION FOR ADDITIONAL RACK COMPONENTS.
 4. COORDINATE EXACT RACK LOCATION WITH OWNER PRIOR TO PERMANENT INSTALLATION.
 5. REFER TO NEW WORK PLAN FOR RACK LOCATIONS.
 6.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

3 RACK ELEVATION - ROOM 1002
 NO SCALE



2 ENLARGED ROOM 1002 - BUILDING 05 - POWER & DATA
 1/2" = 1'-0"



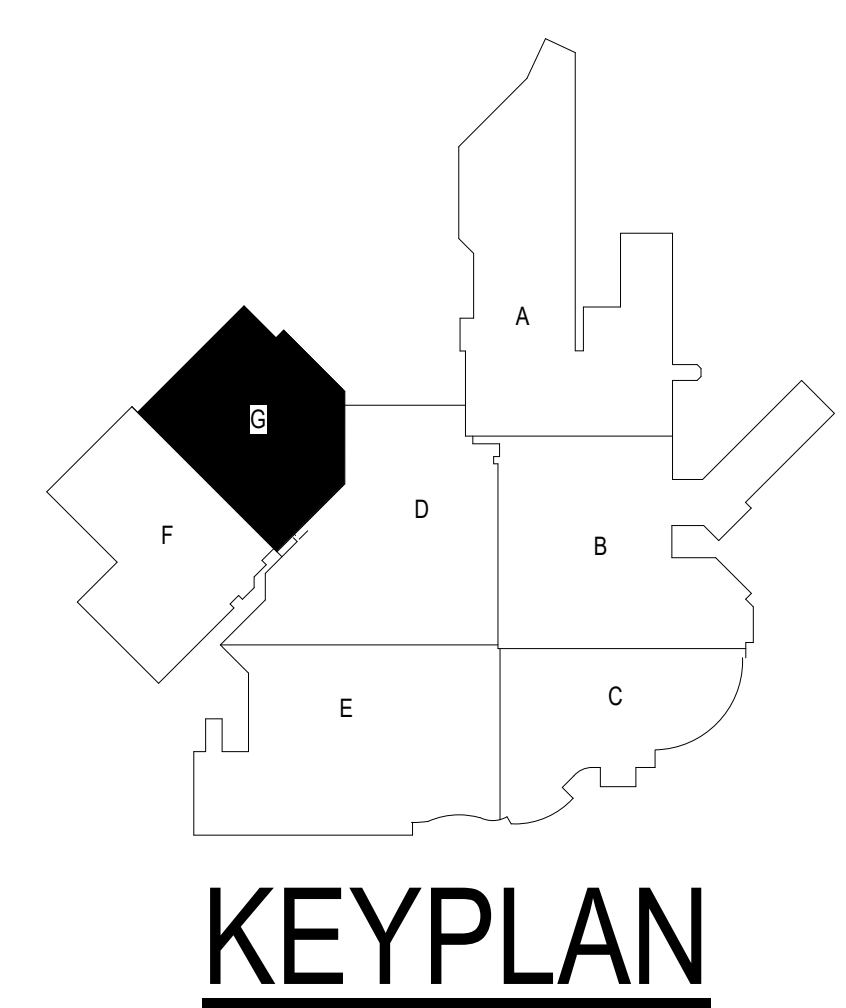
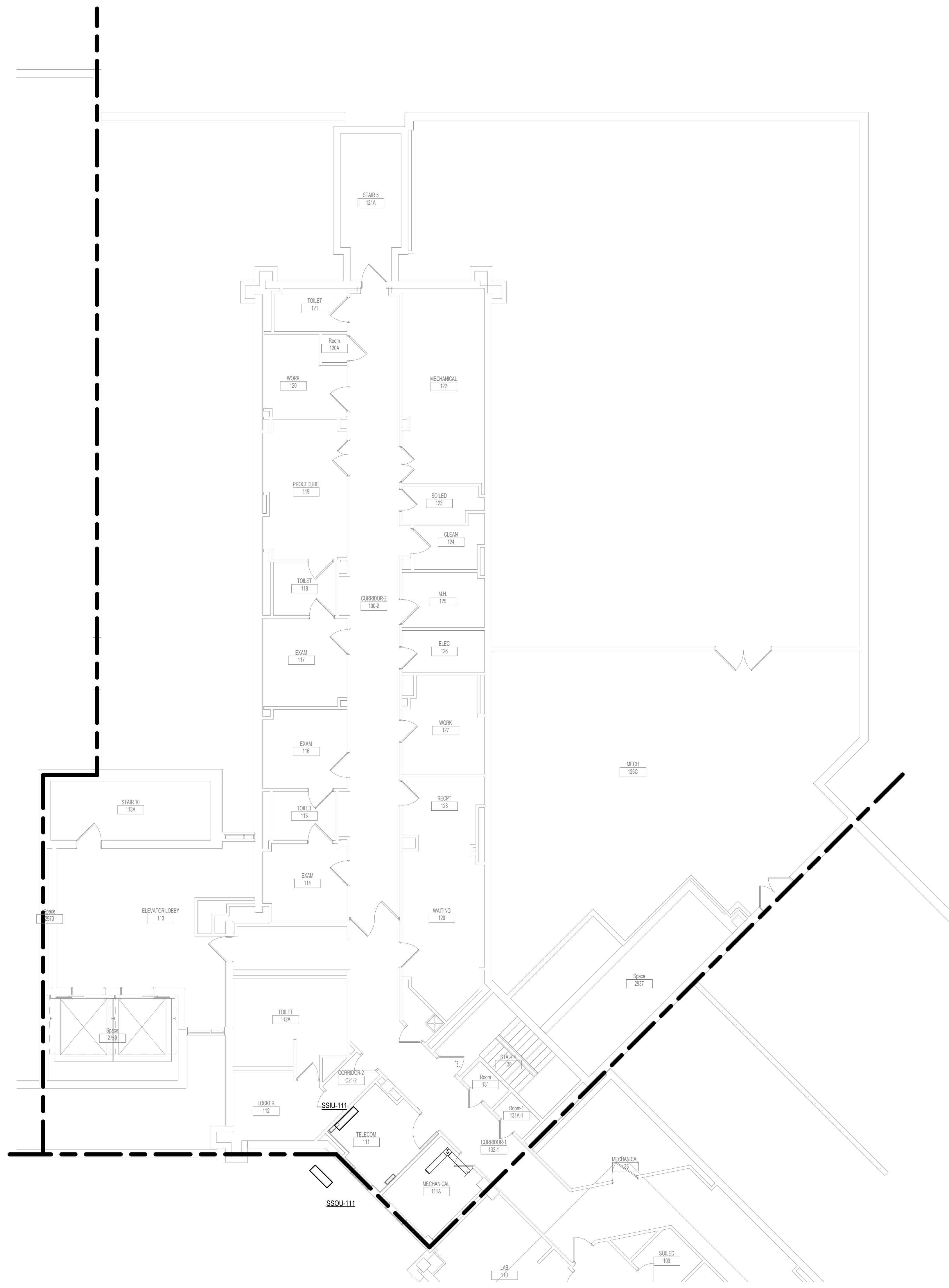
1 ENLARGED ROOM 1002 - BUILDING 05 - LIGHTING & CABLE TRAY
 1/2" = 1'-0"

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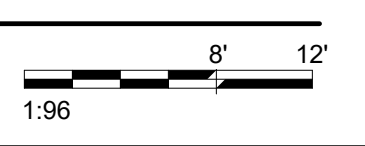
Revisions:	Date:

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 Nathan Timm BICSI ID # 346555 EXPIRES 12-31-22 REGISTERED COMMUNICATIONS DISTRIBUTION	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title ENLARGED ROOM 1002	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 5
Date:	Issue Date 07/06/2021	Checked KSB	Drawn NMT	Drawing Number T312-05-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.
 - 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 FIRST LEVEL DUCTWORK PLAN - BUILDING 5 - AREA G
1/8" = 1'-0"



Revisions:	Date:

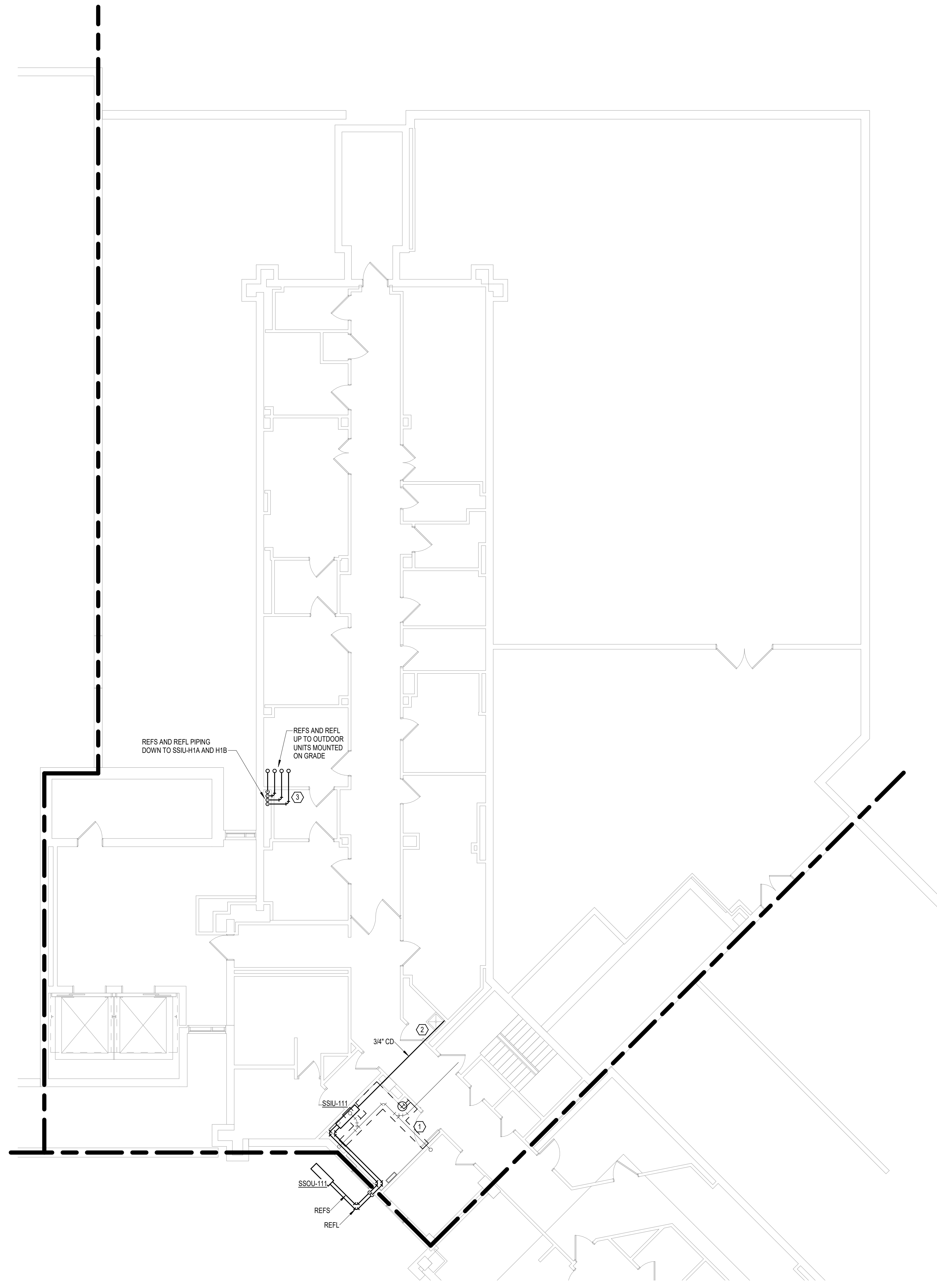
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				Approved:	FULLY SPRINKLERED	Location Sioux Falls, SD	Building Number 5	
Revisions:	Date:	Issue Date 02/18/2022	Checked EGS	Drawn PHV	Drawing Number MH111-05-G	Issue Date 02/18/2022	Checked EGS	Drawn PHV

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. PROVIDE DRAIN PAN UNDER PLUMBING PIPING. ROUTE DRAIN PAN DRAIN TO FLOOR NEAR DOOR.
2. ROUTE CONDENSATE TO DISCHARGE INTO MOP SINK.
3. ROUTE REFRIGERANT PIPING INSIDE PLUMBING CHASE. COORDINATE EXACT LOCATION AND OFFSET TO ROUTE UP THROUGH WALL ON LEVEL ABOVE AND WITH EXISTING PLUMBING.



1 FIRST LEVEL PIPING PLAN - BUILDING 5 - AREA G
1/8" = 1'-0"

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Revisions:	Date:


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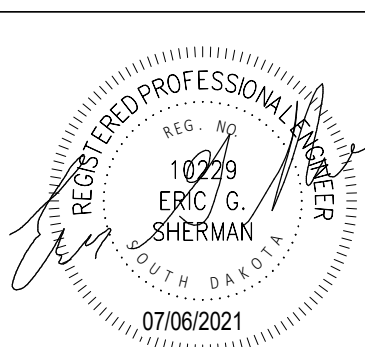
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U.S. Department of Veterans Affairs

Drawing Title
FIRST LEVEL PIPING PLAN - BUILDING 5 - AREA G

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

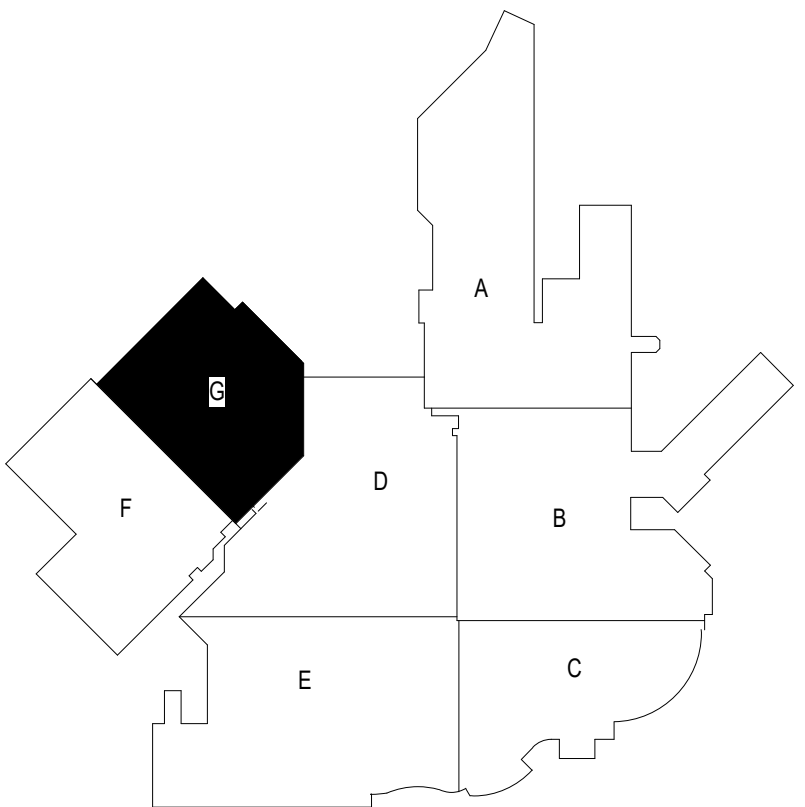
Checked
EGS

Drawn
PHV

Project Number
438-20-910

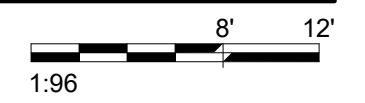
Building Number
5

Drawing Number
MP111-05-G



KEYPLAN

1 FIRST LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA G
1/8" = 1'-0"



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Drawing Title
FIRST LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA G

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

ED111-05-G

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 131A

EXISTING CABLE COUNT
DATA (CAT5): 120
DATA (CAT5): 24
VIDEO: 2
PATIENT MONITORING: 6
COMMERCIAL WIRELESS: 3

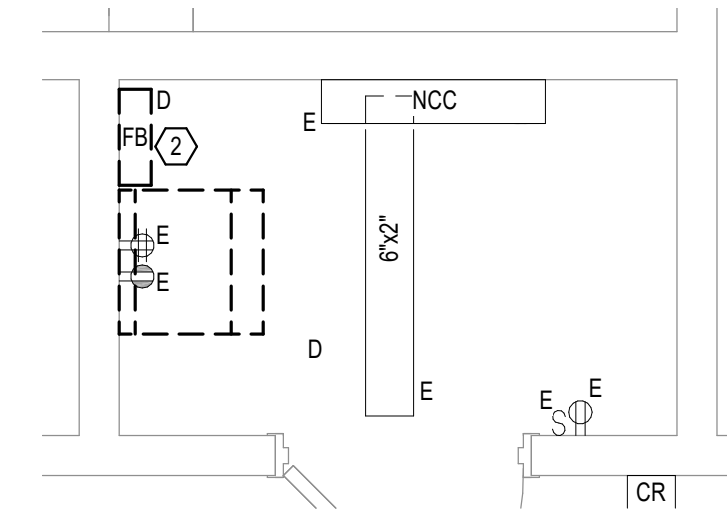
CABLE RELOCATION COUNT
DATA (CAT5) - 120 TO ROOM 111
DATA (CAT5) - 24 TO ROOM 111
VIDEO - 2 TO ROOM 111
PATIENT MONITORING - 6 TO ROOM 111
COMMERCIAL WIRELESS - 3 TO ROOM 111

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 FIRST LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - AREA G - ROOM 131A
1/2" = 1'-0"



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VA U.S. Department of Veterans Affairs

Drawing Title
FIRST LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - ENLARGED ROOMS - AREA G

Approved: _____

Phase
BID DOCUMENTS

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Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

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Drawing Number
ED311-05-G