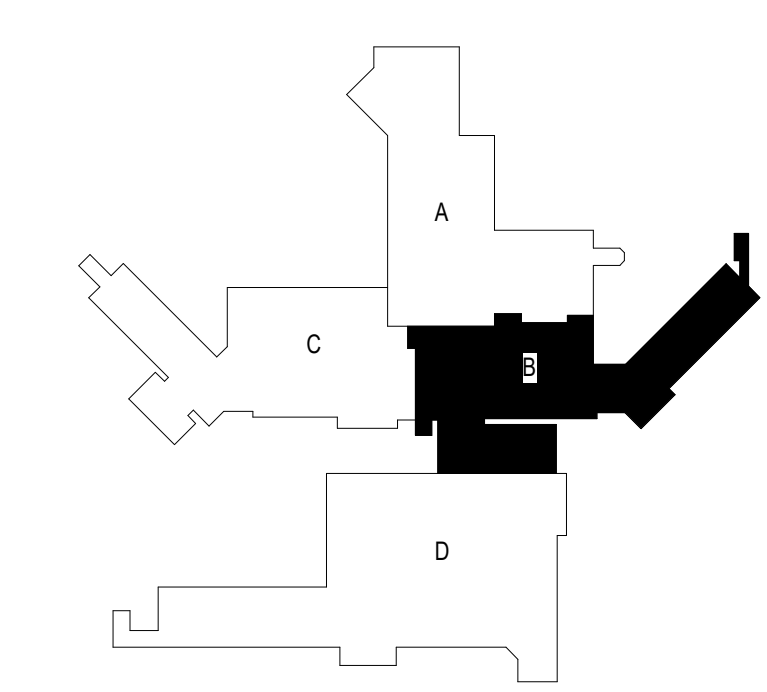
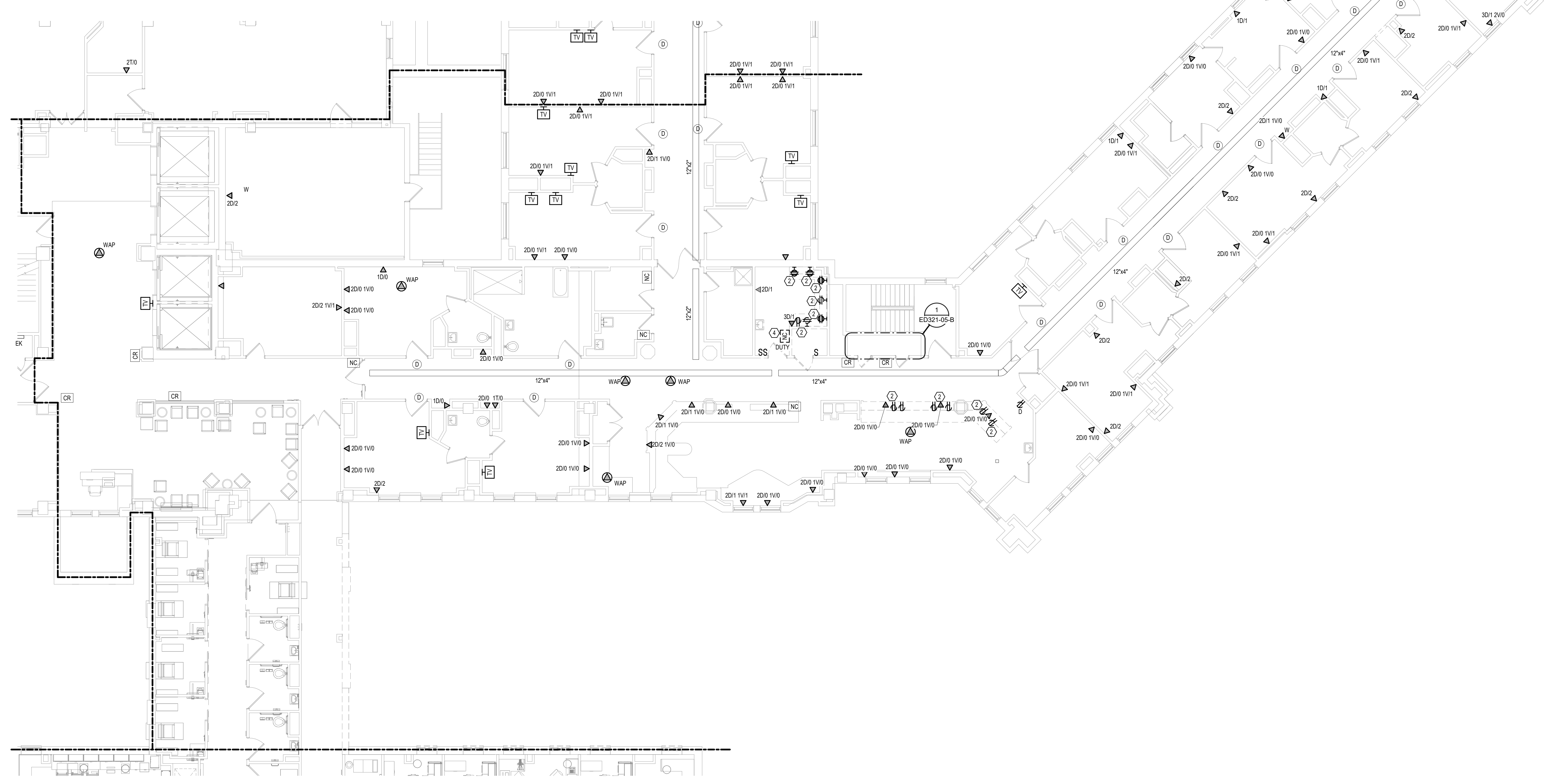
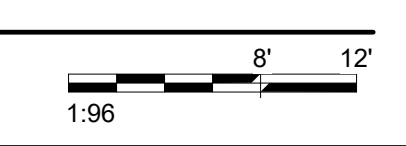


- SHEET NOTES:**
- NOT USED
 - DEMO DEVICE AND CIRCUIT PATHWAY TO CORRIDOR. INTERCEPT EXISTING BRANCH CIRCUIT PATHWAY AND WIRING IN CORRIDOR TO BE REUSED. SEE TELECOMMUNICATIONS SHEET TN-121-05-B FOR NEW CONSTRUCTION.
 - NOT USED
 - REMOVE EXISTING DEVICE FOR REUSE. DEMO LOW VOLTAGE WIRING AND PATHWAY TO CORRIDOR. INTERCEPT EXISTING LOW VOLTAGE WIRING IN CORRIDOR TO BE REUSED. SEE TELECOMMUNICATIONS SHEET TN-121-05-B FOR NEW CONSTRUCTION.



KEYPLAN

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



Revisions:	Date:


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

Office of Construction and Facilities Management



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

Approved: _____

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

Checked
KSB

Drawn
NMT

Project Number
438-20-910

Building Number
5

Drawing Number
ED121-05-B

BIM 360://202535.002 - VA Sioux Falls EHRM/202535.002 - VA Sioux Falls EHRM/SES_2018.rvt
 7/6/2021 4:27:53 PM
 VA FORM 08 - 6231

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 270

EXISTING CABLE COUNT
 DATA (CAT5): 20
 DATA (CAT5): 82
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

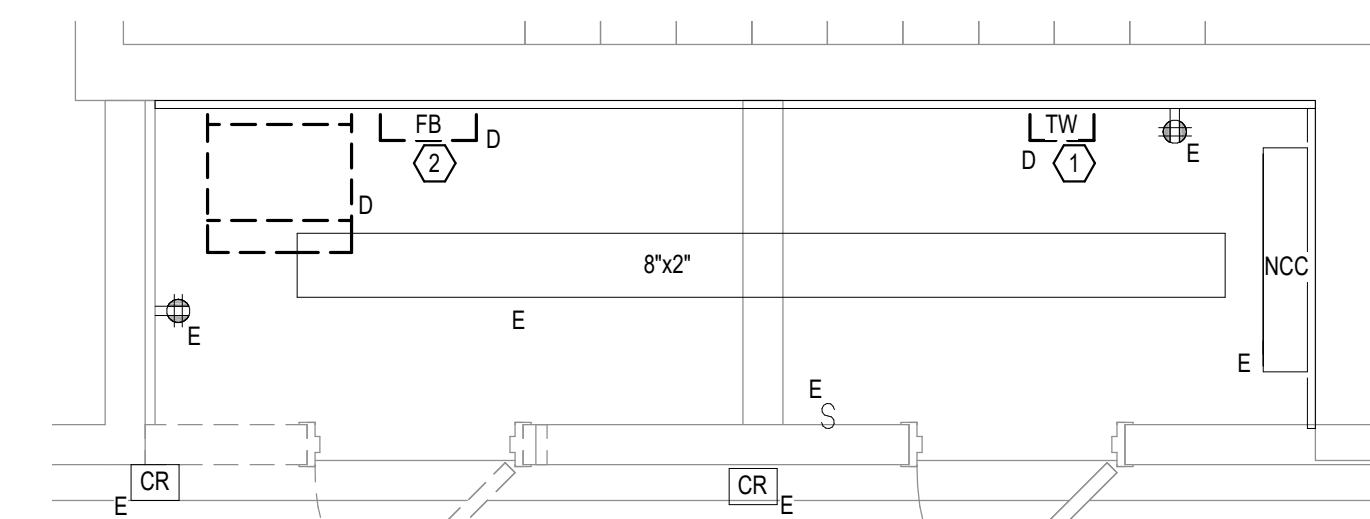
CABLE RELOCATION COUNT
 DATA (CAT5): 20 TO ROOM 268
 DATA (CAT5): 82 TO ROOM 268
 VIDEO: 0
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

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:

- 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 SECOND LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - AREA B - ROOM 270
 1/2" = 1'-0"
 1:24

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Revisions:	Date:

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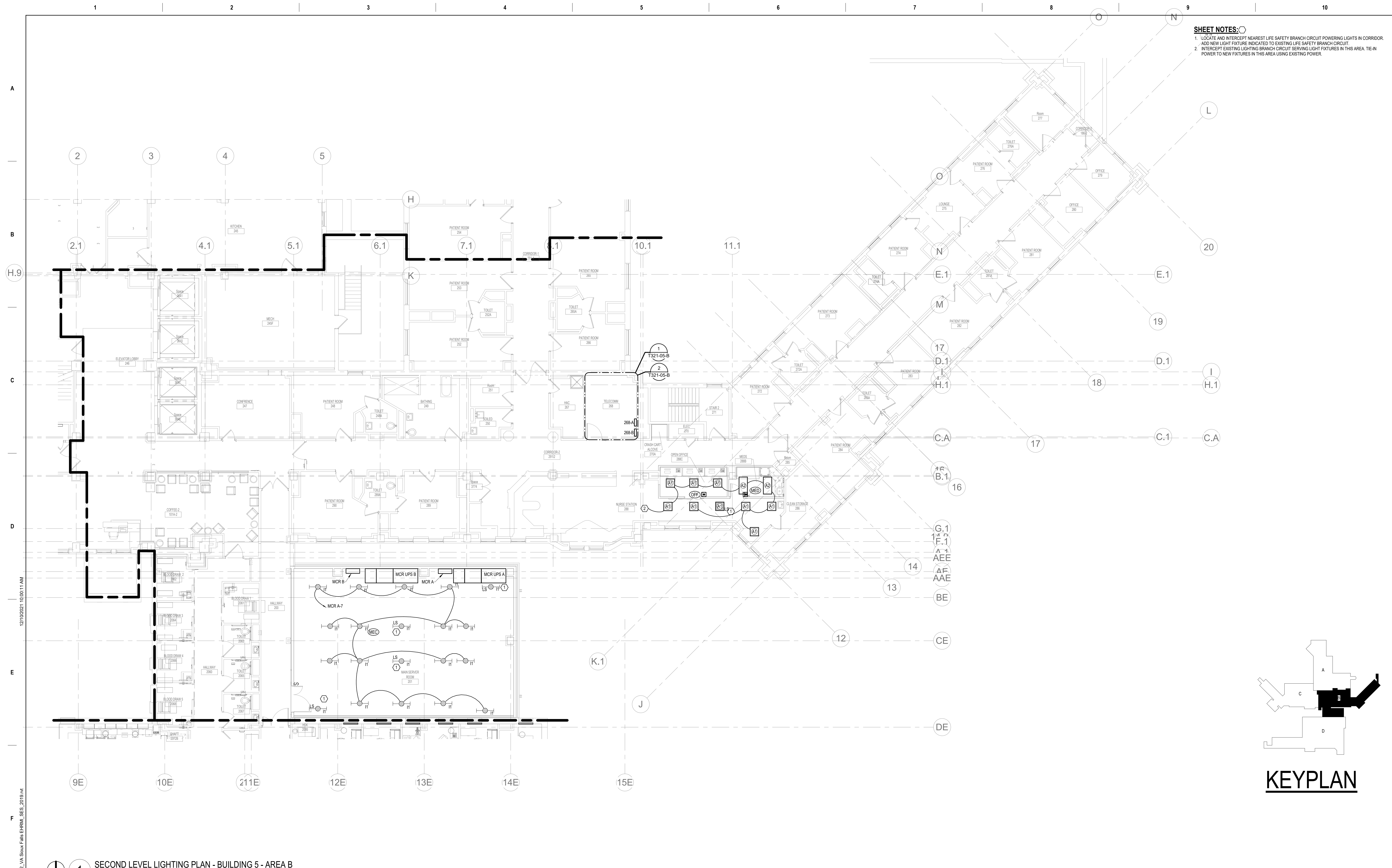
Office of Construction and Facilities Management
 U.S. Department of Veterans Affairs

Drawing Title
SECOND LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - ENLARGED ROOMS - AREA B
 Approved: _____

Phase
BID DOCUMENTS
FULLY SPRINKLERED

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

Project Number
 438-20-910
 Building Number
 5
 Drawing Number
ED321-05-B



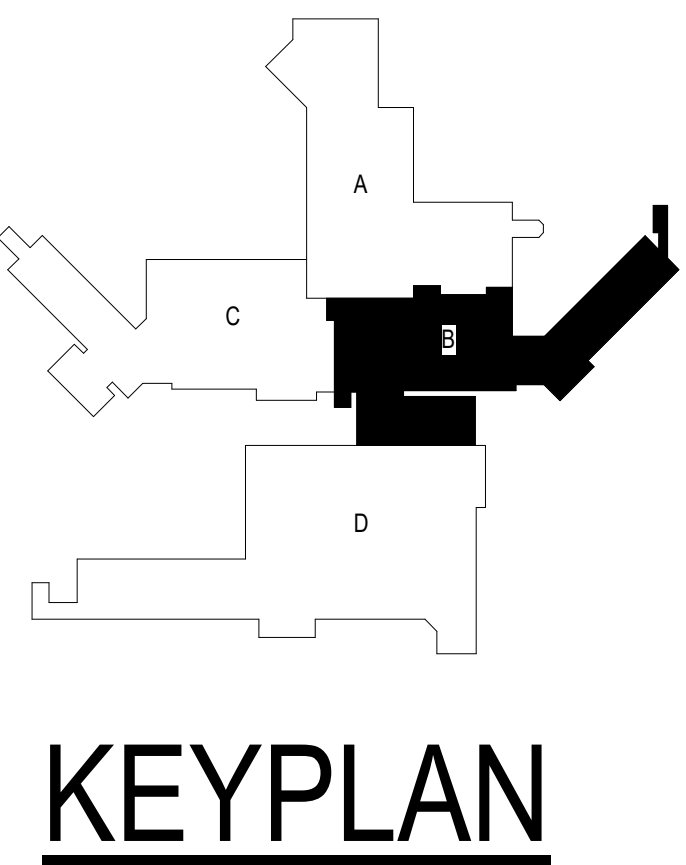
- SHEET NOTES:**
1. LOCATE AND INTERCEPT NEAREST LIFE SAFETY BRANCH CIRCUIT POWERING LIGHTS IN CORRIDOR. ADD NEW LIGHT FIXTURE INDICATED TO EXISTING LIFE SAFETY BRANCH CIRCUIT.
 2. INTERCEPT EXISTING LIGHTING BRANCH CIRCUIT SERVING LIGHT FIXTURES IN THIS AREA. TIE-IN POWER TO NEW FIXTURES IN THIS AREA USING EXISTING POWER.

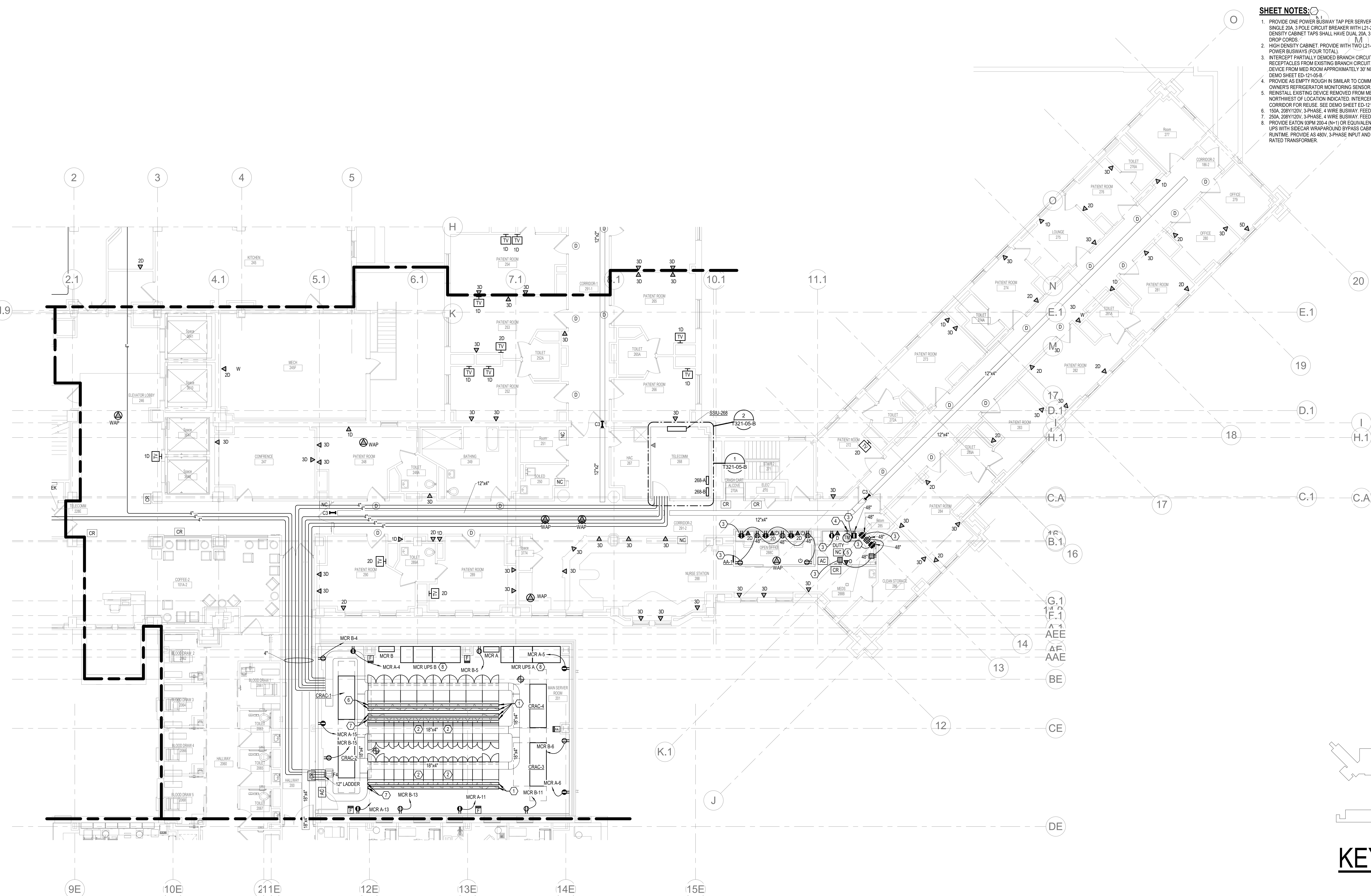
1 SECOND LEVEL LIGHTING PLAN - BUILDING 5 - AREA B
1/8" = 1'-0"

BMM 360/202555.000 - VA Sioux Falls EHRM/202555.000 - VA Sioux Falls EHRM/202555.000 - VA Sioux Falls EHRM/202555.000 - VA Sioux Falls EHRM/202555.000 - VA Sioux Falls EHRM/202555.000
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 2018.rvt

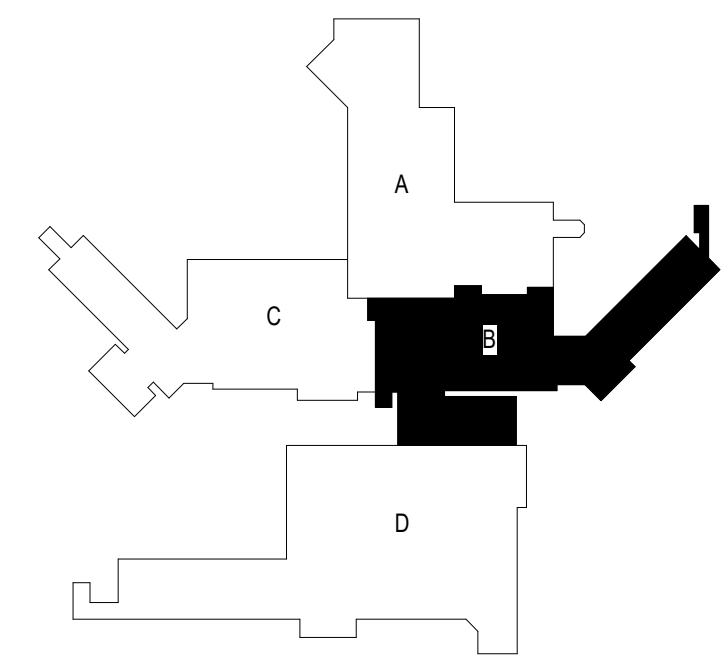


Revisions: _____ Date: _____	CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090	STAMP 	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title SECOND LEVEL LIGHTING PLAN - BUILDING 5 - AREA B Approved: _____	Phase BID DOCUMENTS FULLY SPRINKLERED	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES Location Sioux Falls, SD Issue Date 12/10/2021	Project Number 438-20-910 Building Number 5 Drawing Number EL121-05-B
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- SHEET NOTES:**
1. PROVIDE ONE POWER BUSWAY TAP PER SERVER ROOM CABINET. BUSWAY TAP SHALL HAVE A SINGLE 20A, 3-POLE CIRCUIT BREAKER WITH L21-20R DROP CORD FOR EACH CABINET. HIGH DENSITY CABINET TAPS SHALL HAVE DUAL 20A, 3-POLE CIRCUIT BREAKERS WITH TWO L21-20R DROP CORDS.
 2. HIGH DENSITY CABINET. PROVIDE WITH TWO L21-20R DROP CORDS FROM 'X' SIDE AND 'Y' SIDE POWER BUSWAYS (FOUR TOTAL).
 3. INTERCEPT PARTIALLY DEMAND BRANCH CIRCUIT IN CORRIDOR. REFEED POWER TO NEW DEVICE RECEPTACLES FROM EXISTING BRANCH CIRCUIT. MATCH NEW DEVICE CIRCUITING TO DEMAND DEVICE FROM MED ROOM APPROXIMATELY 30' NORTHWEST OF LOCATION INDICATED. SHOWN IN DEMO SHEET ED-121-05-B.
 4. PROVIDE AS EMPTY ROUGH IN SIMILAR TO COMMUNICATIONS OUTLETS. MOUNT TO SERVE OWNER'S REFRIGERATOR MONITORING SENSOR.
 5. REINSTALL EXISTING DEVICE REMOVED FROM MED ROOM LOCATED APPROXIMATELY 30' NORTHWEST OF LOCATION INDICATED. INTERCEPT PARTIALLY DEMAND LOW VOLTAGE WIRING IN CORRIDOR FOR REUSE. SEE DEMO SHEET ED-121-05-B FOR ASSOCIATED DEMO WORK.
 6. 150A, 208Y/120V, 3-PHASE, 4 WIRE BUSWAY. FEEDER SHALL BE (4) #20, #6 GND IN 2" CONDUIT.
 7. 250A, 208Y/120V, 3-PHASE, 4 WIRE BUSWAY. FEEDER SHALL BE (4) #30, #6 GND IN 2" CONDUIT. PROVIDE EATON SSPM 200-4 (N-1) OR EQUIVALENT 200 KW (150 KW + 50 KW REDUNDANT MODULE) UPS WITH SIEGAR 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.



KEYPLAN

1 SECOND LEVEL LOW VOLTAGE FLOOR PLAN - BUILDING 5 - AREA B
 1/8" = 1'-0"
 1:96

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 2018.rvt

Revisions:	Date:

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

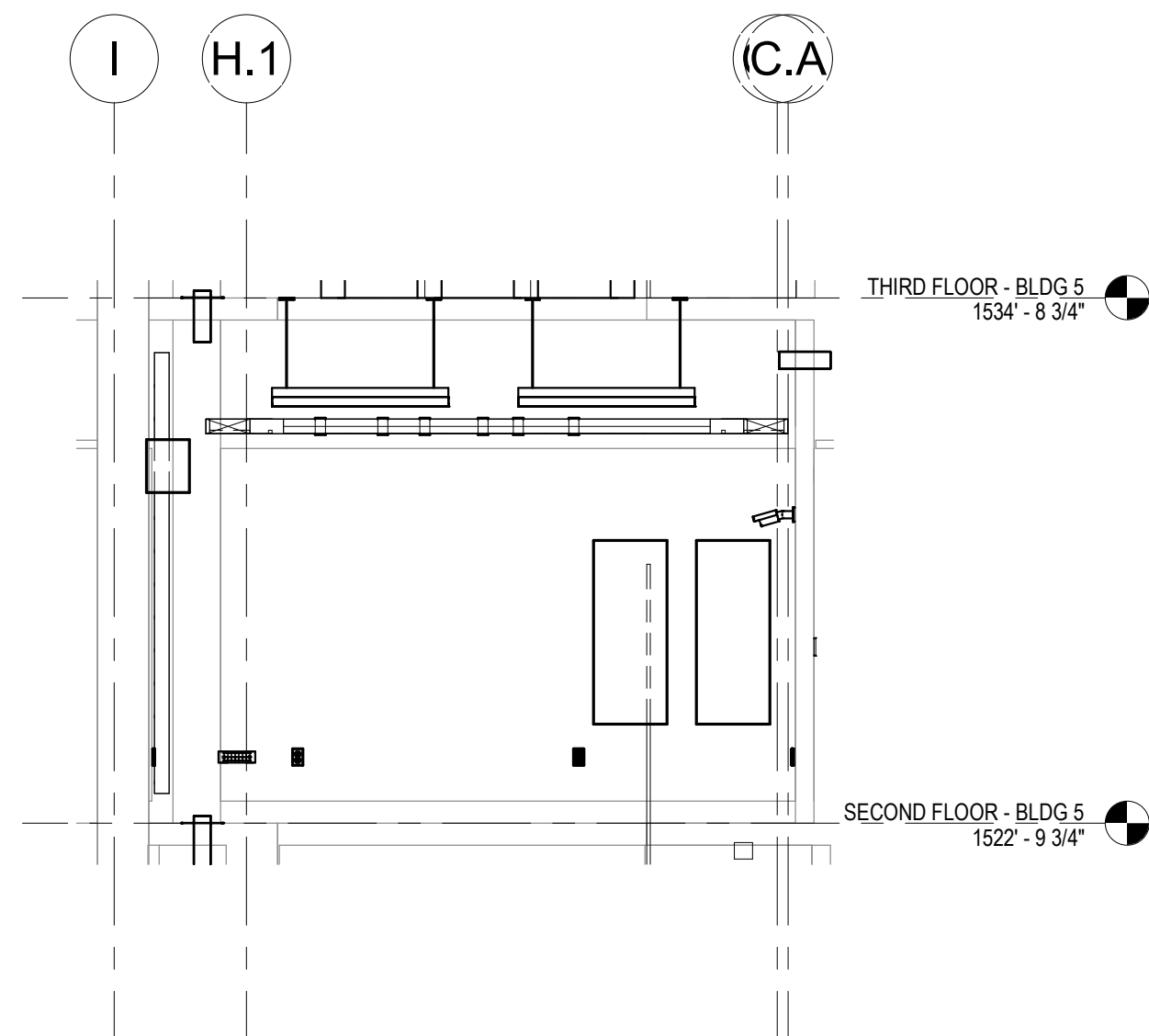
Office of Construction and Facilities Management
 U.S. Department of Veterans Affairs

Drawing Title
SECOND LEVEL LOW VOLTAGE PLAN - BUILDING 5 - AREA B
 Approved:

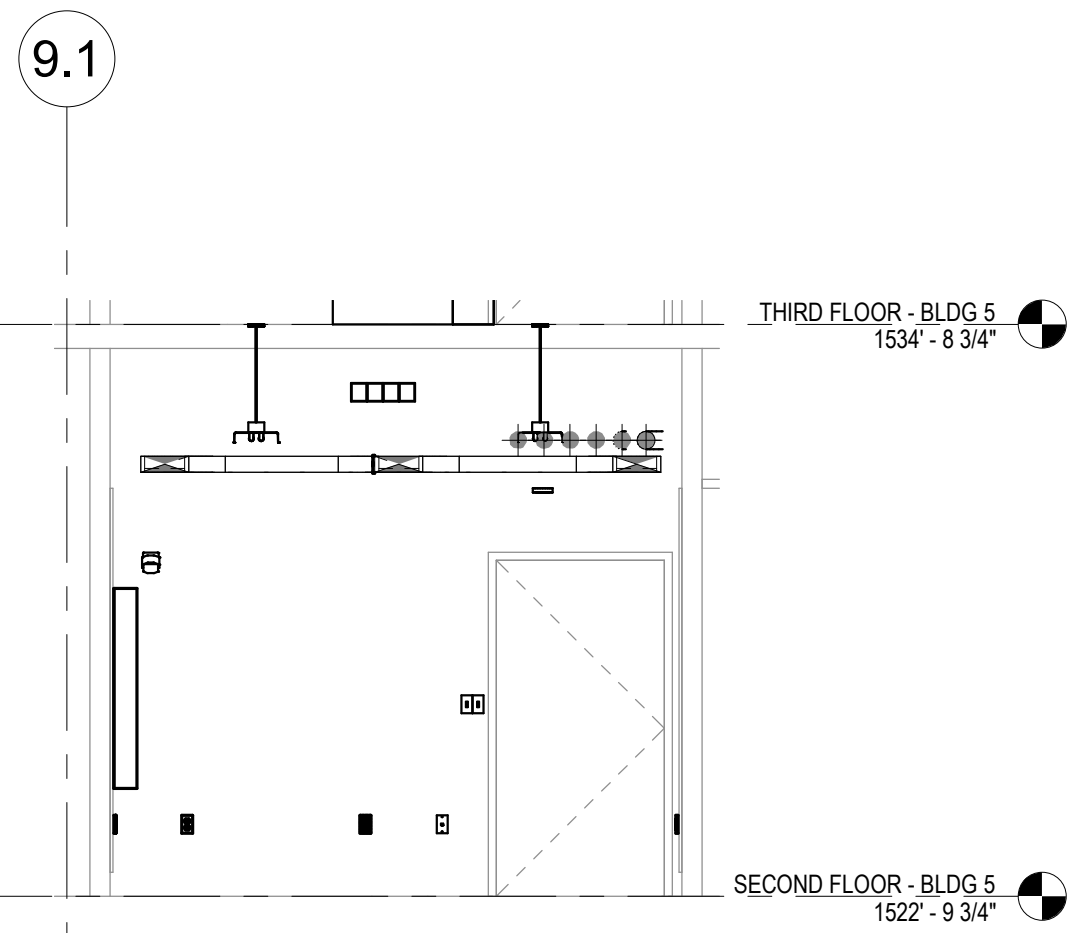
Phase
BID DOCUMENTS
FULLY SPRINKLERED

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

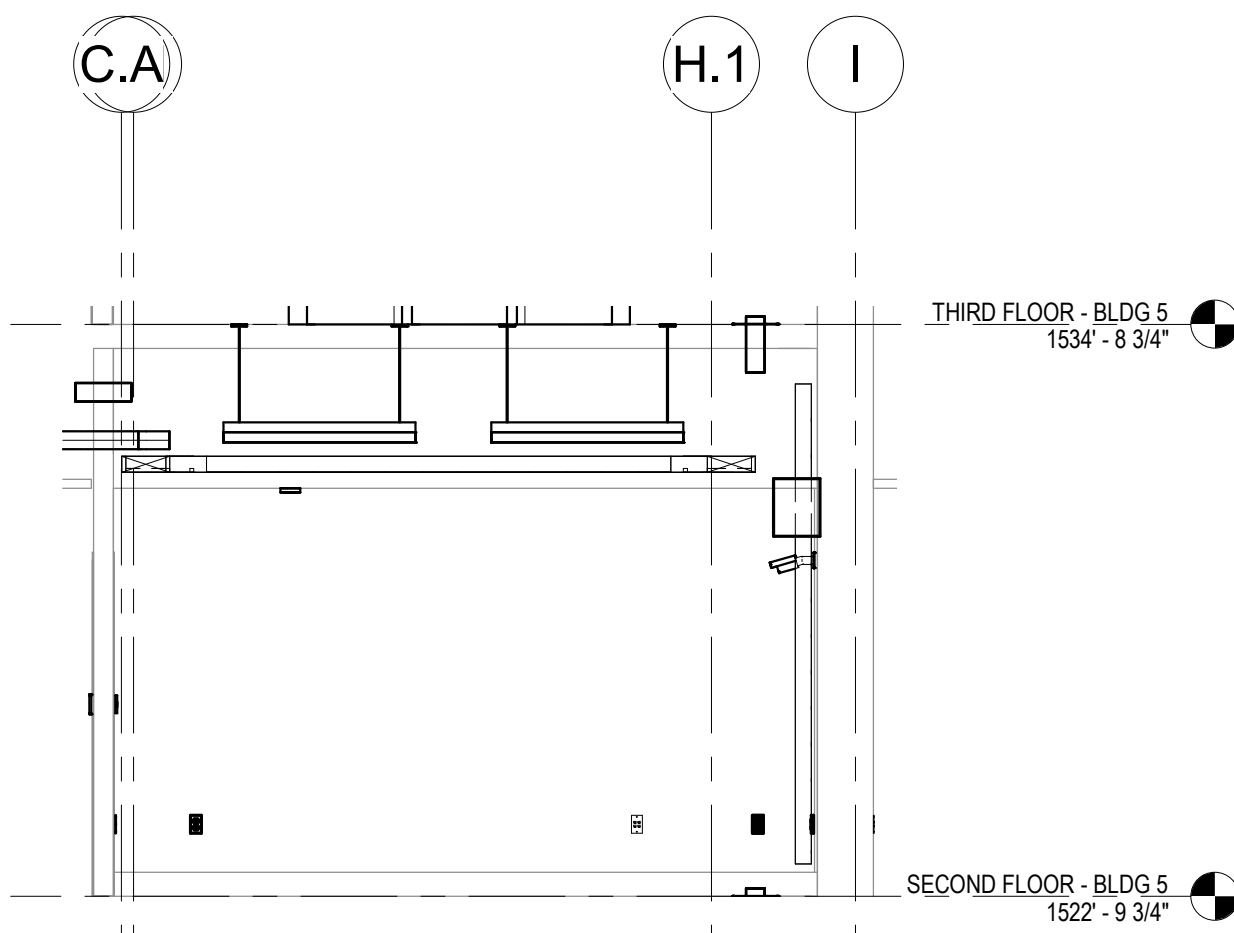
Project Number
 438-20-910
 Building Number
 5
 Drawing Number
TN121-05-B



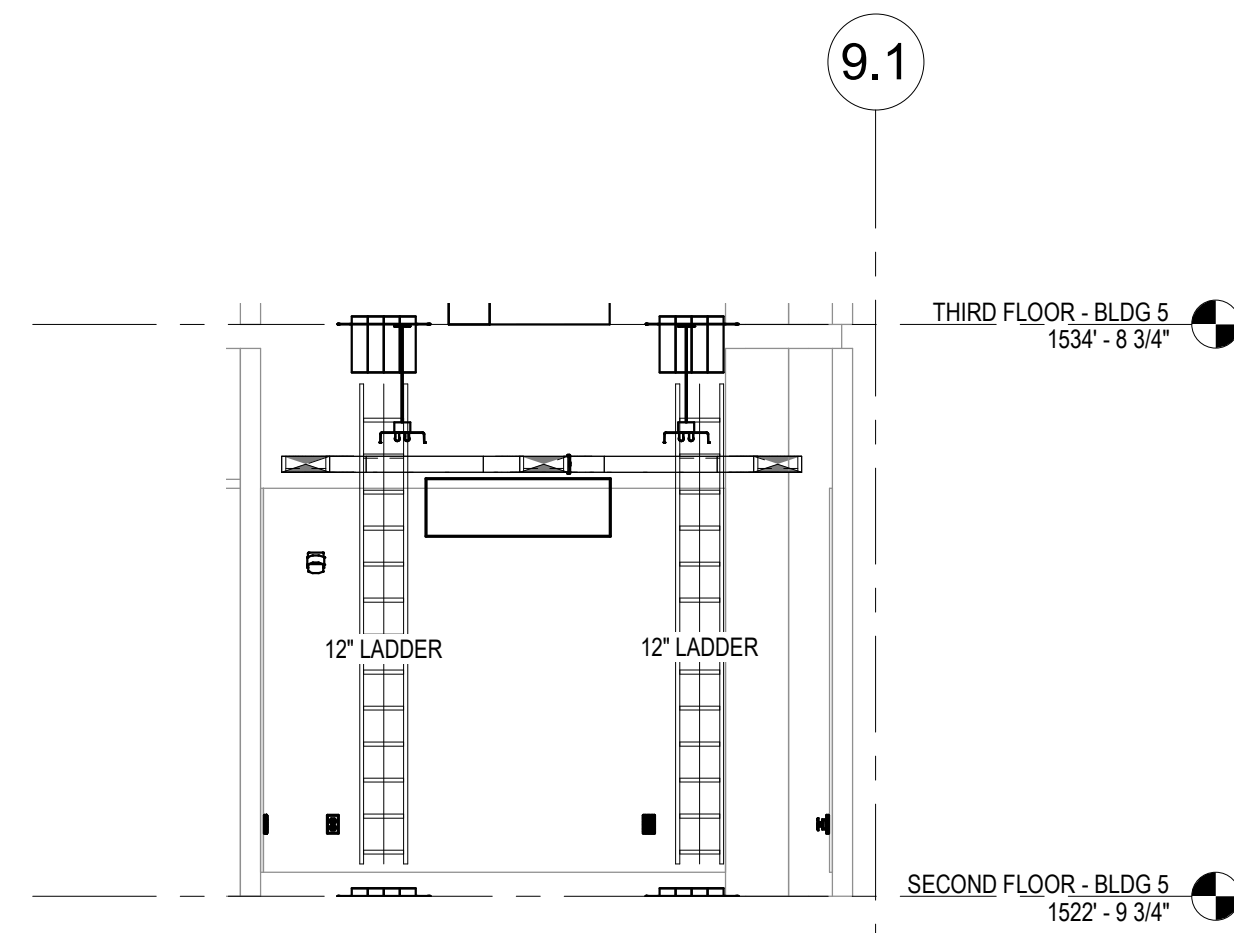
7 2 - a
1/4" = 1'-0"



6 2 - b
1/4" = 1'-0"

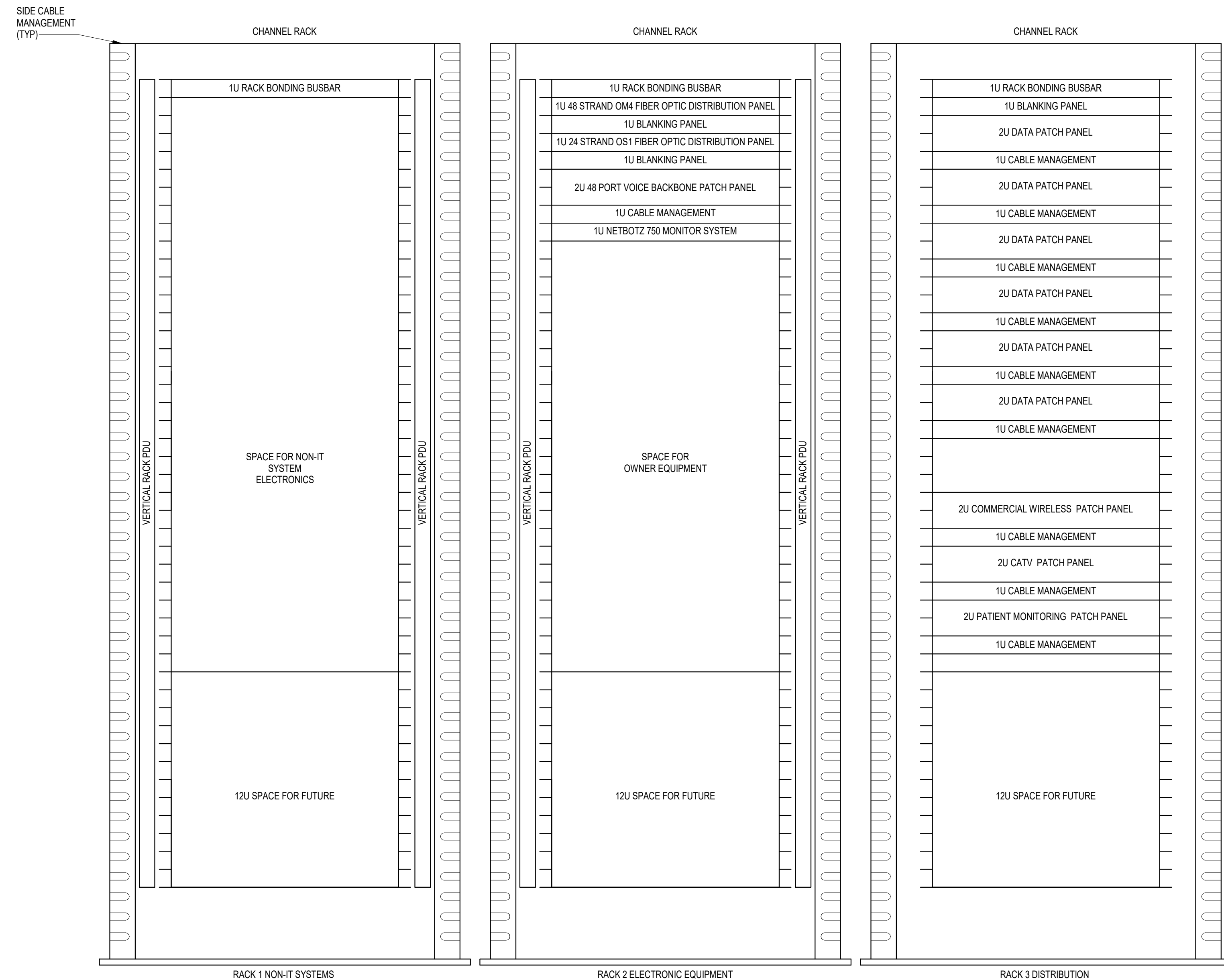


5 2 - c
1/4" = 1'-0"



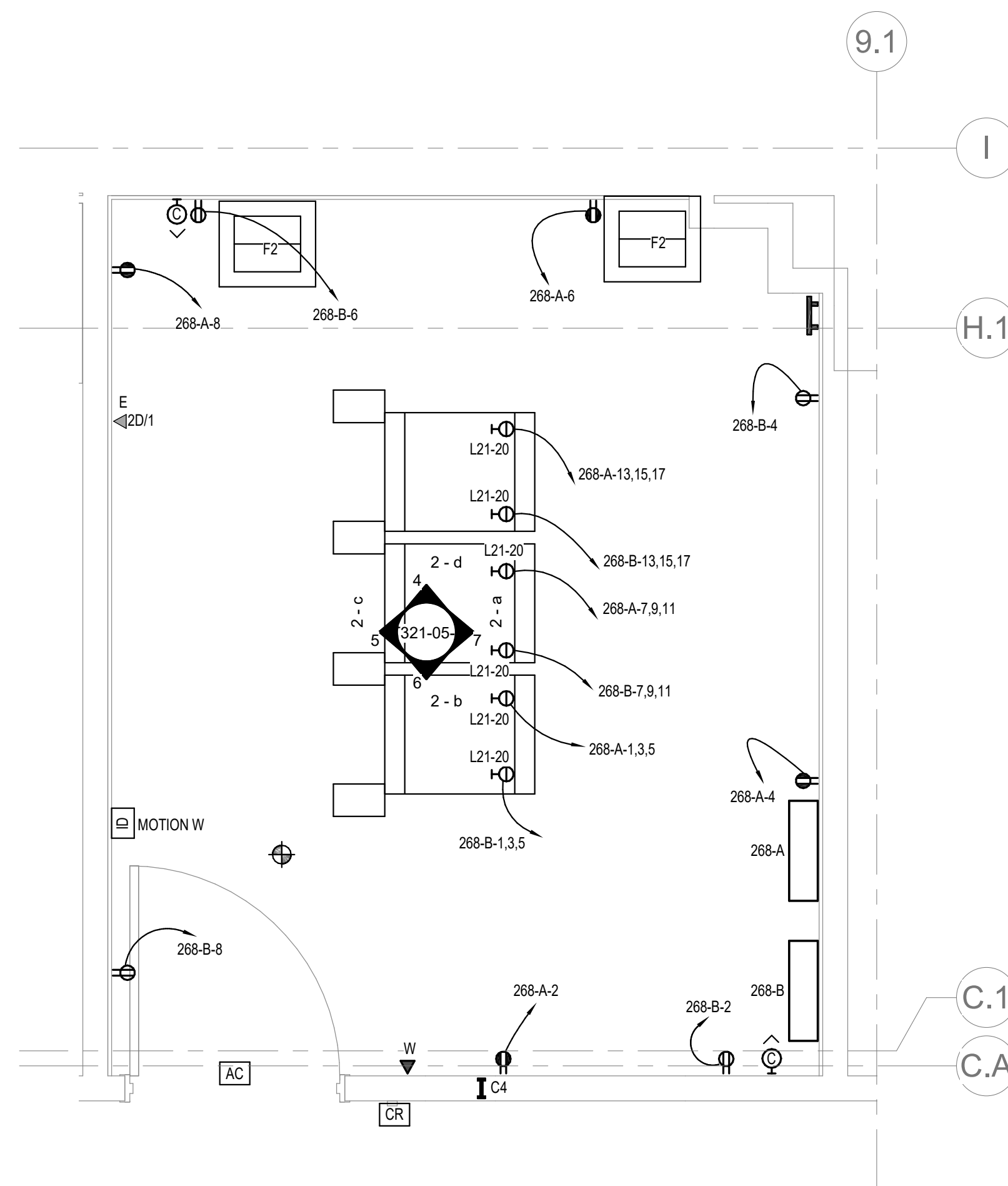
4 2 - d
1/4" = 1'-0"

- CABLING NOTES:**
- A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT.
- ROOM 268
- EXISTING CABLE COUNT
DATA (CAT6): 0
DATA (CAT5): 0
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0
- CABLE RELOCATION COUNT
DATA (CAT6): +20 FROM ROOM 270
DATA (CAT5): +165 FROM ROOM 228E
DATA (CAT5): +42 FROM ROOM 270
VIDEO: +19 FROM ROOM 228E
PATIENT MONITORING: +25 FROM ROOM 228E
COMMERCIAL WIRELESS: +19 FROM ROOM 228E
- EXISTING CABLE TO REMAIN
DATA (CAT6): 0
VIDEO: 0
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0
- FINAL CABLE COUNT
DATA (CAT6): 207
VIDEO: 19
PATIENT MONITORING: 25
COMMERCIAL WIRELESS: 8

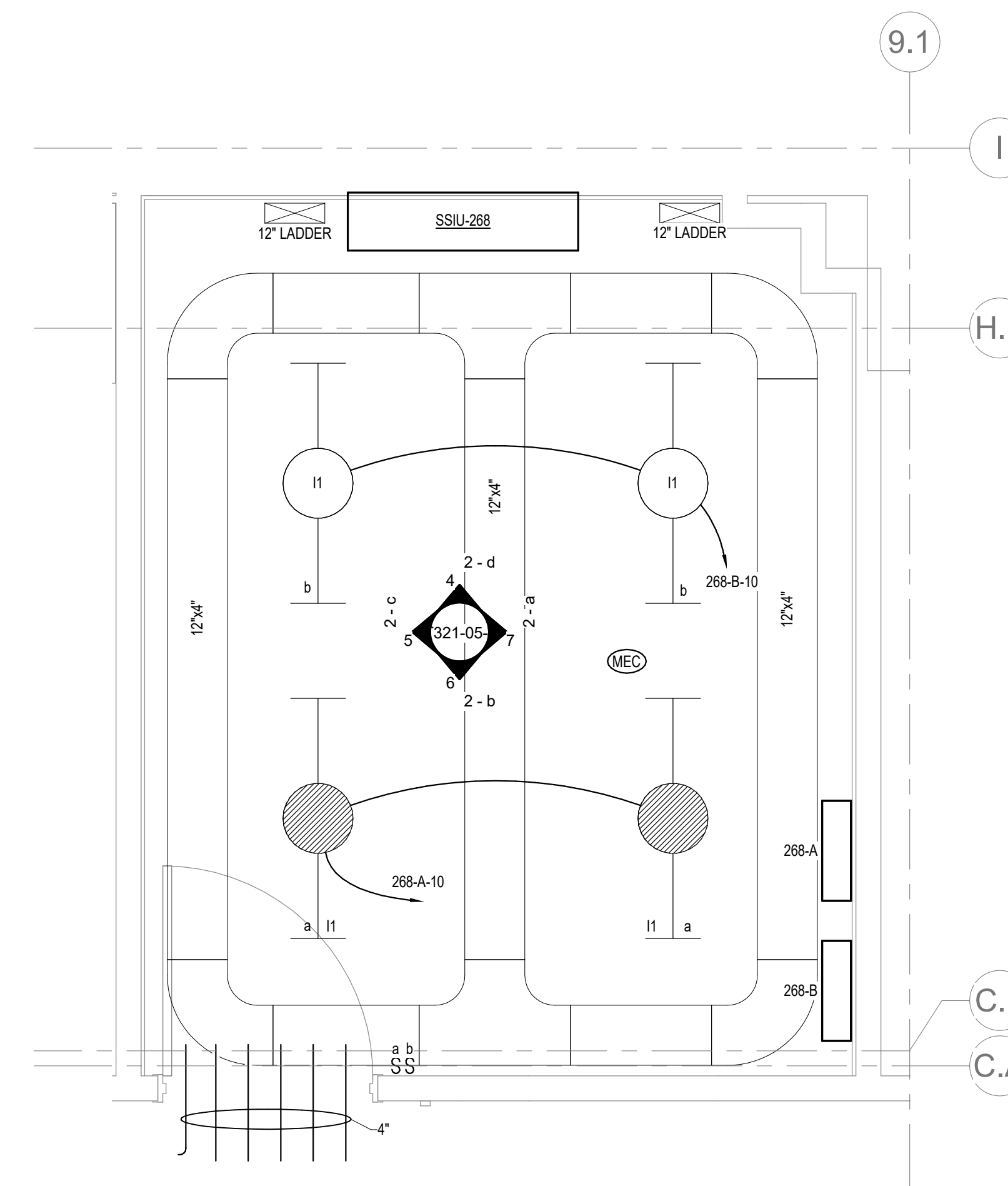


- NOTES:**
- COORDINATE FINAL RACK LAYOUT WITH OWNERS ISIT REPRESENTATIVE.
 - PROVIDE COMPONENTS NOT LISTED BY OWNER.
 - SEE SPECIFICATION FOR ADDITIONAL RACK COMPONENTS.
 - COORDINATE EXACT RACK LOCATION WITH OWNER PRIOR TO PERMANENT INSTALLATION.
 - REFER TO NEW WORK PLAN FOR RACK LOCATIONS.
 - CONTRACTOR 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 268
NO SCALE



2 ENLARGED ROOM 268 - BUILDING 05 - POWER & DATA
1/2" = 1'-0"



1 ENLARGED ROOM 268 - BUILDING 05 - LIGHTING & CABLE TRAY

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Revisions:	Date:

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

Office of Construction and Facilities Management

Drawing Title
ENLARGED ROOM 268

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
T321-05-B

MCR B

LOCATION: MAIN SERVER ROOM...
 SUPPLY FROM: MCB/MLO RATING: 600 A
 BRANCH: NORMAL
 SERVICE RATED: No

VOLTS: 208/120 WYE
 PHASES: 3
 WIRES: 4
 INTEGRAL SPD: Yes
 AVAILABLE SCC (KA): 12.8

MAINS TYPE: MCB
 MCB/MLO RATING: 600 A
 MCB OPTIONS: NONE
 SECTIONS: 1

CKT	CIRCUIT DESCRIPTION	OPT	POLES	RATING	LOAD	CIRCUIT REMARKS
1	BUS DUCT - 40KVA, 120 V/208 V, 3 PH, 4 WIRES		3	150 A	40000 VA	
2	BUS DUCT - 70KVA, 120 V/208 V, 3 PH, 4 WIRES		3	250 A	70000 VA	
3	BUS DUCT - 70KVA, 120 V/208 V, 3 PH, 4 WIRES		3	250 A	70000 VA	
4	REC MAIN SERVER ROOM 201		1	20 A	180 VA	
5	REC MAIN SERVER ROOM 201		1	20 A	180 VA	
6	REC MAIN SERVER ROOM 201		1	20 A	180 VA	
7						
8						
9						
10						
					Total VA:	1080 VA
					Total A:	3 A

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
REC	1080 VA	100.00%	1080 VA	CONNECTED LOAD: 1080 VA
				DEMAND LOAD: 1080 VA
				DEMAND CURRENT: 3 A
				CONSIDER 125% DEMAND: 1350 A
				EQUIPMENT AMPS: 600 A
				SPARE CAPACITY: 99
				597 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).

MCR A

LOCATION: MAIN SERVER ROOM...
 SUPPLY FROM: MCB/MLO RATING: 600 A
 BRANCH: CRITICAL
 SERVICE RATED: No

VOLTS: 208/120 WYE
 PHASES: 3
 WIRES: 4
 INTEGRAL SPD: Yes
 AVAILABLE SCC (KA): 11.9

MAINS TYPE: MCB
 MCB/MLO RATING: 600 A
 MCB OPTIONS: NONE
 SECTIONS: 1

CKT	CIRCUIT DESCRIPTION	OPT	POLES	RATING	LOAD	CIRCUIT REMARKS
1	BUS DUCT - 40KVA, 120 V/208 V, 3 PH, 4 WIRES		3	150 A	40000 VA	
2	BUS DUCT - 70KVA, 120 V/208 V, 3 PH, 4 WIRES		3	250 A	70000 VA	
3	BUS DUCT - 70KVA, 120 V/208 V, 3 PH, 4 WIRES		3	250 A	70000 VA	
4	REC MAIN SERVER ROOM 201		1	20 A	180 VA	
5	REC MAIN SERVER ROOM 201		1	20 A	180 VA	
6	REC MAIN SERVER ROOM 201		1	20 A	180 VA	
7	LTG		1	0 A	347 VA	
8						
9						
10						
					Total VA:	1427 VA
					Total A:	4 A

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
LTG	347 VA	125.00%	433 VA	CONNECTED LOAD: 1427 VA
REC	1080 VA	100.00%	1080 VA	DEMAND LOAD: 1513 VA
				DEMAND CURRENT: 4 A
				CONSIDER 125% DEMAND: 1891 A
				EQUIPMENT AMPS: 600 A
				SPARE CAPACITY: 99
				596 A

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

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

LIGHTING PANEL: 268-B

LOCATION: ROOM 150
 SUPPLY FROM: B2
 BRANCH: NORMAL
 SERVICE RATED: No
 MOUNTING: SURFACE
 NEMA ENCLOSURE: 1

VOLTS: 208/120 WYE
 PHASES: 3
 WIRES: 4
 INTEGRAL SPD: Yes
 AVAILABLE SCC (KA): 2.0

MAINS TYPE: MCB
 MCB/MLO RATING: 100 A
 MCB OPTIONS: NONE
 SECTIONS: 1
 PANEL POLES: 42

C...	CIRCUIT DESCRIPTION	OPT	RATI...	POL...	A	B	C	POL...	RATI...	OPT	CIRCUIT DESCRIPTION	C...
1	PWR-C ROOM 268 - RACK		20 A	3	1922...	180 VA			1	20 A	REC ROOM 268	2
3	RECEPTACLE		20 A	3		1922 VA	180 VA		1	20 A	REC ROOM 268	4
5									1	20 A	REC ROOM 268	6
7									1	20 A	REC ROOM 268	8
9	PWR-C ROOM 268 - RACK		20 A	3	1922...	180 VA			1	20 A	REC ROOM 268	10
11	RECEPTACLE		20 A	3		1922 VA	50 VA		1	20 A	LTG TELECOMM 268	12
13												14
15	PWR-C ROOM 268 - RACK		20 A	3	1922...							16
17	RECEPTACLE		20 A	3		1922 VA						18
19	SPARE	--	20 A	1	0 VA							20
21	SPARE	--	20 A	1	0 VA							22
23	SPARE	--	20 A	1	0 VA							24
25												26
27	SPARE	--	20 A	3	0 VA							28
29												30
31												32
33												34
35												36
37												38
39												40
41												42
					TOTAL LOAD:	6125 VA	5995 VA	5945 VA				
					TOTAL AMPS:	51 A	50 A	50 A				

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
LTG	50 VA	125.00%	62 VA	CONNECTED LOAD: 18065 VA
REC	720 VA	100.00%	720 VA	CONNECTED CURRENT: 50 A
PWR-NC	17295 VA	78.91%	13648 VA	DEMAND LOAD: 14429 VA
				DEMAND CURRENT: 40 A
				CONSIDER 125% DEMAND: 18037 A
				EQUIPMENT AMPS: 100 A
				FEEDER AVAILABLE: 50 %
				SPARE CAPACITY: 60 A

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

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

LIGHTING PANEL: 268-A

LOCATION: ROOM 150
 SUPPLY FROM: A2
 BRANCH: CRITICAL
 SERVICE RATED: No
 MOUNTING: SURFACE
 NEMA ENCLOSURE: 1

VOLTS: 208/120 WYE
 PHASES: 3
 WIRES: 4
 INTEGRAL SPD: Yes
 AVAILABLE SCC (KA): 2.0





MAINS TYPE: MCB
 MCB/MLO RATING: 100 A
 MCB OPTIONS: NONE
 SECTIONS: 1
 PANEL POLES: 42

C...	CIRCUIT DESCRIPTION	OPT	RATI...	POL...	A	B	C	POL...	RATI...	OPT	CIRCUIT DESCRIPTION	C...
1	PWR-C ROOM 268 - RACK		20 A	3	1922...	180 VA			1	20 A	REC ROOM 268	2
3	RECEPTACLE		20 A	3		1922 VA	180 VA		1	20 A	REC ROOM 268	4
5									1	20 A	REC ROOM 268	6
7									1	20 A	REC ROOM 268	8
9	PWR-C ROOM 268 - RACK		20 A	3	1922...	180 VA			1	20 A	REC ROOM 268	10
11	RECEPTACLE		20 A	3		1922 VA	50 VA		1	20 A	LTG TELECOMM 268	12
13												14
15	PWR-C ROOM 268 - RACK		20 A	3	1922...							16
17	RECEPTACLE		20 A	3		1922 VA						18
19							1922 VA					20
21	SSIU-268/SSOU-268		30 A	2	1488...		1488 VA					22
23	SPARE	--	20 A	1	0 VA							24
25	SPARE	--	20 A	1	0 VA							26
27	SPARE	--	20 A	1	0 VA							28
29	SPARE	--	20 A	1	0 VA							30
31												32
33	SPARE	--	20 A	3	0 VA							34
35												36
37												38
39												40
41												42
					TOTAL LOAD:	7613 VA	7482 VA	5945 VA				
					TOTAL AMPS:	65 A	64 A	50 A				

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
LTG	50 VA	125.00%	62 VA	CONNECTED LOAD: 21040 VA
REC	720 VA	100.00%	720 VA	CONNECTED CURRENT: 56 A
NTR	2975 VA	124.00%	3689 VA	DEMAND LOAD: 18118 VA
PWR-NC	17295 VA	78.91%	13648 VA	DEMAND CURRENT: 50 A
				CONSIDER 125% DEMAND: 22848 A
				EQUIPMENT AMPS: 100 A
				FEEDER AVAILABLE: 48 %
				SPARE CAPACITY: 50 A

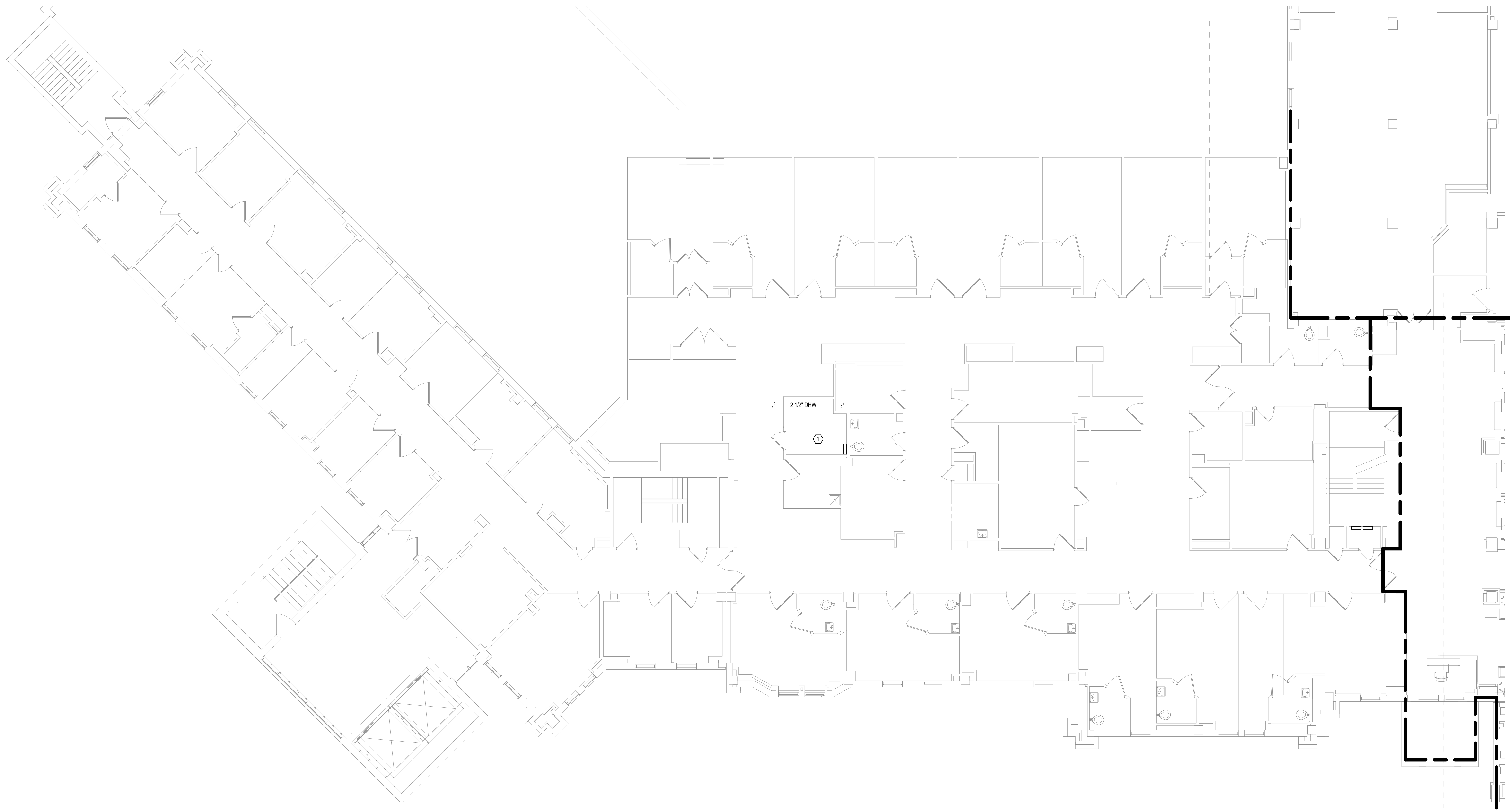
OPTIONS:
 CIRCUIT BREAKER OPTIONS SUFFIX: 'S' OR 'ST' - PROVIDE SHUNT TRIP CIRCUIT BREAKER / 'G' OR 'GFCI' - PROVIDE GFCI CIRCUIT BREAKER / 'GFP' - PROVIDE GFP CIRCUIT BREAKER / 'ERMS' - ENERGY REDUCING MAINTENANCE SWITCH / 'ZSI' - ZONE SELECTIVE INTERLOCKING / 'L' - PROVIDE CIRCUIT BREAKER WITH LOCKING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

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

CONSULTANT  Date: _____		ARCHITECT/ENGINEER OF RECORD  SPECIALIZED ENGINEERING SOLUTIONS 10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5520 www.specializedeng.com		ARCHITECT/ENGINEER OF RECORD  13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090		STAMP  Nathan Timm BICSI ID # 346555 EXPIRES 12-31-20 MOUNTAIN COMMUNICATIONS DISTRIBUTION		Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs Approved: _____		Drawing Title PANEL SCHEDULES - BUILDING 5 - SECOND LEVEL - AREA B		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: EE421-05-B	
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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:**
- DEMOLISH SUPPLY AND RETURN AIR DUCTWORK SERVING THIS ROOM BACK TO MAIN AND CAP.



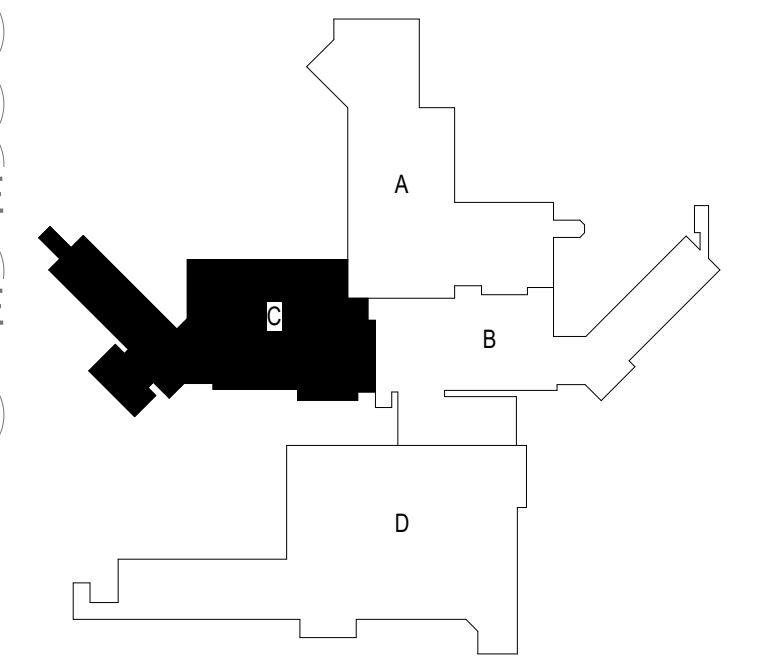
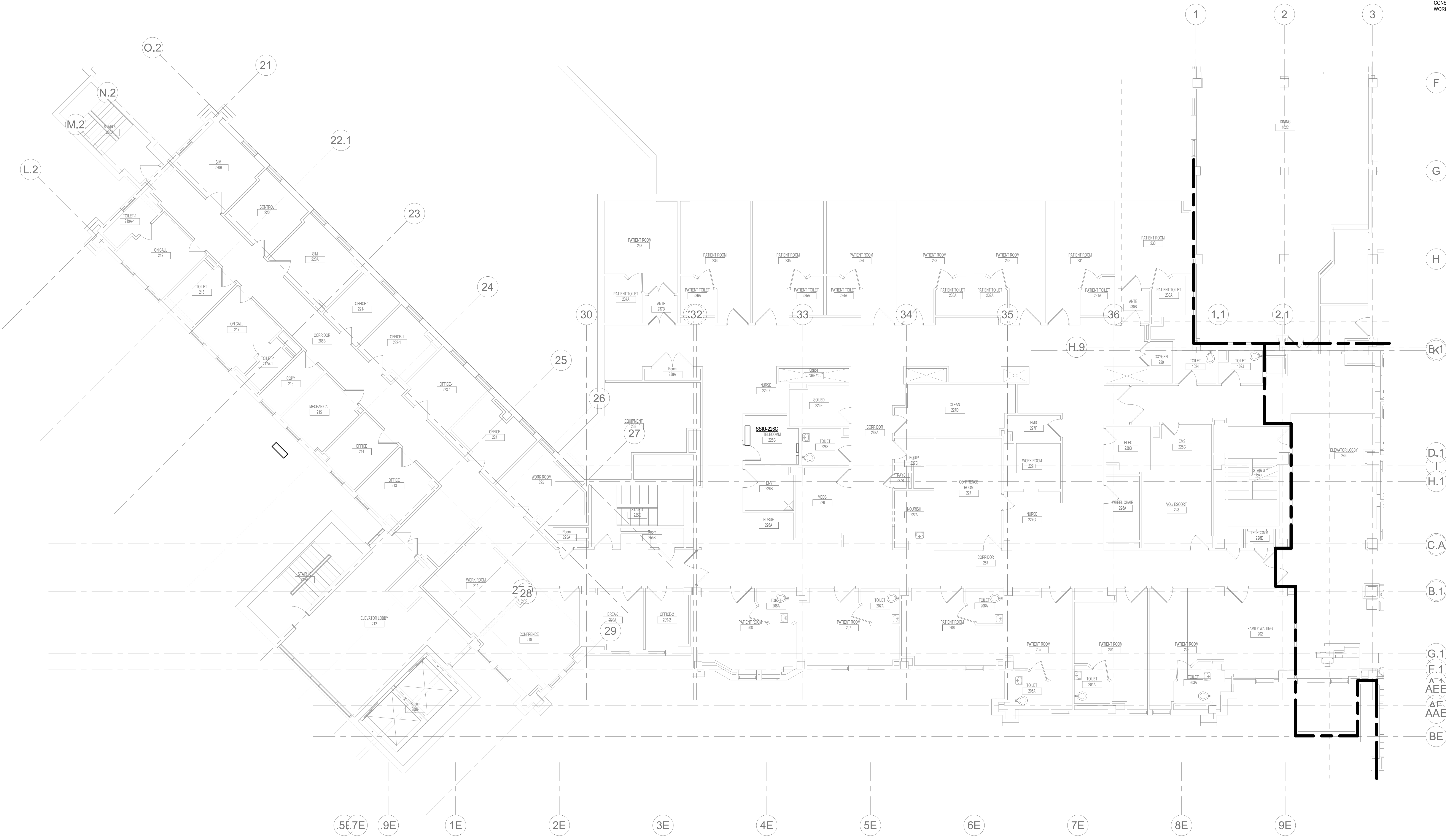
1 SECOND LEVEL MECHANICAL DEMOLITION PLAN - BUILDING 5 - AREA C
1/8" = 1'-0"

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Revisions:	Date:

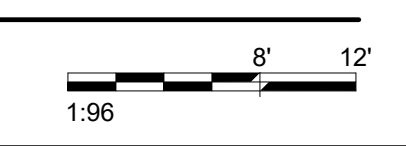
CONSULTANT   SPECIALIZED ENGINEERING SOLUTIONS 10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5520 www.specializedeng.com	ARCHITECT/ENGINEER OF RECORD  ANDERSON 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090	STAMP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

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



Revisions:	Date:


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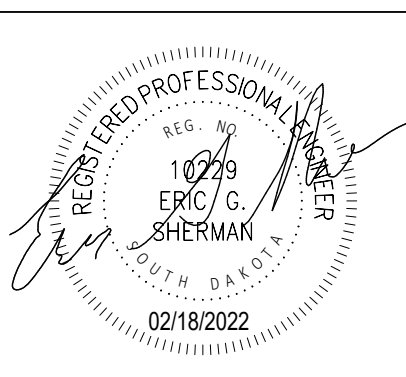
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U.S. Department of Veterans Affairs

Drawing Title
SECOND LEVEL DUCTWORK 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
02/18/2022

Checked
EGS

Drawn
PHV

Project Number
438-20-910

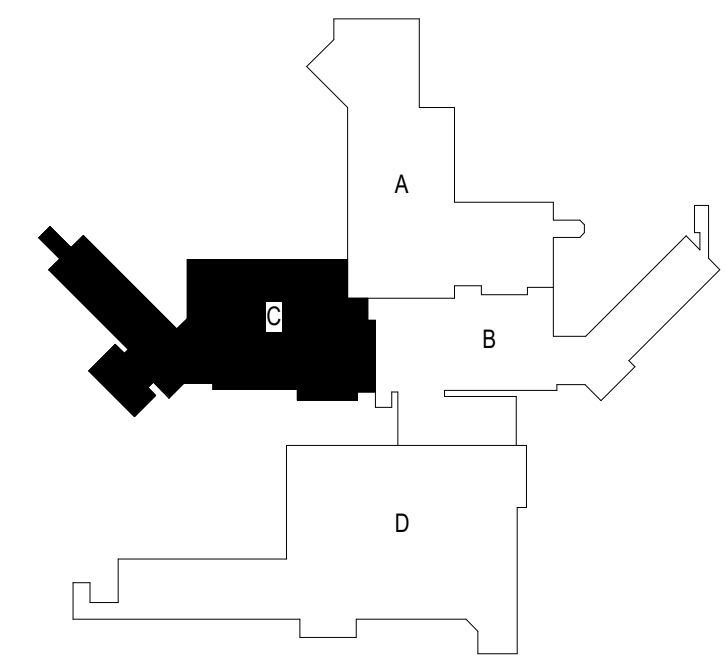
Building Number
5

Drawing Number
MH121-05-C

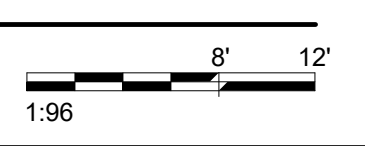
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 T

- GENERAL NOTES:**
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 - 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 TO MOP SINK.
 - PROVIDE DRAIN PAN UNDERNEATH EXISTING PLUMBING. ROUTE DRAIN PAN DRAIN TO FLOOR NEAR DOOR.



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



Revisions:	Date:


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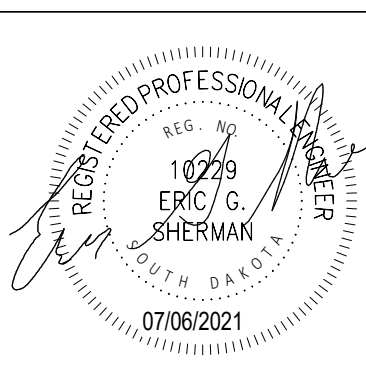
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Drawing Title
SECOND LEVEL PIPING FLOOR PLAN - BUILDING 5 - AREA C

Approved:

Phase
BID DOCUMENTS

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Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

Checked
EGS

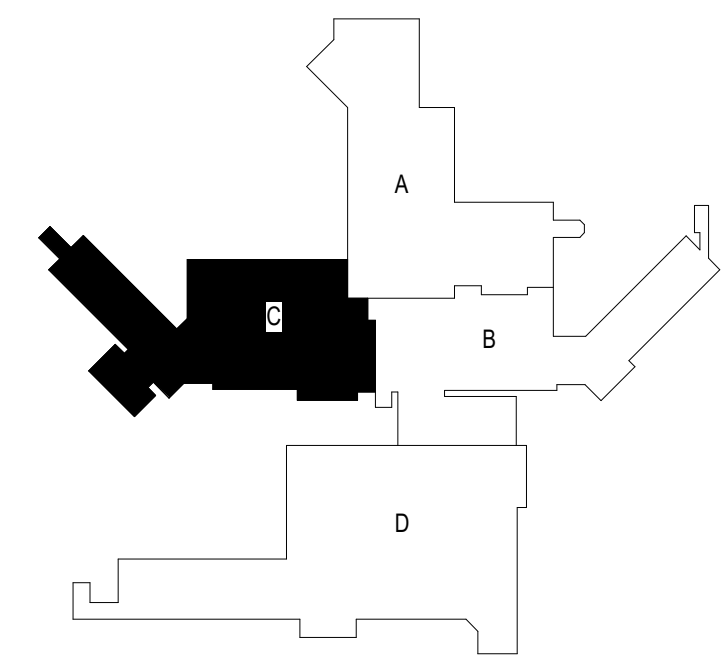
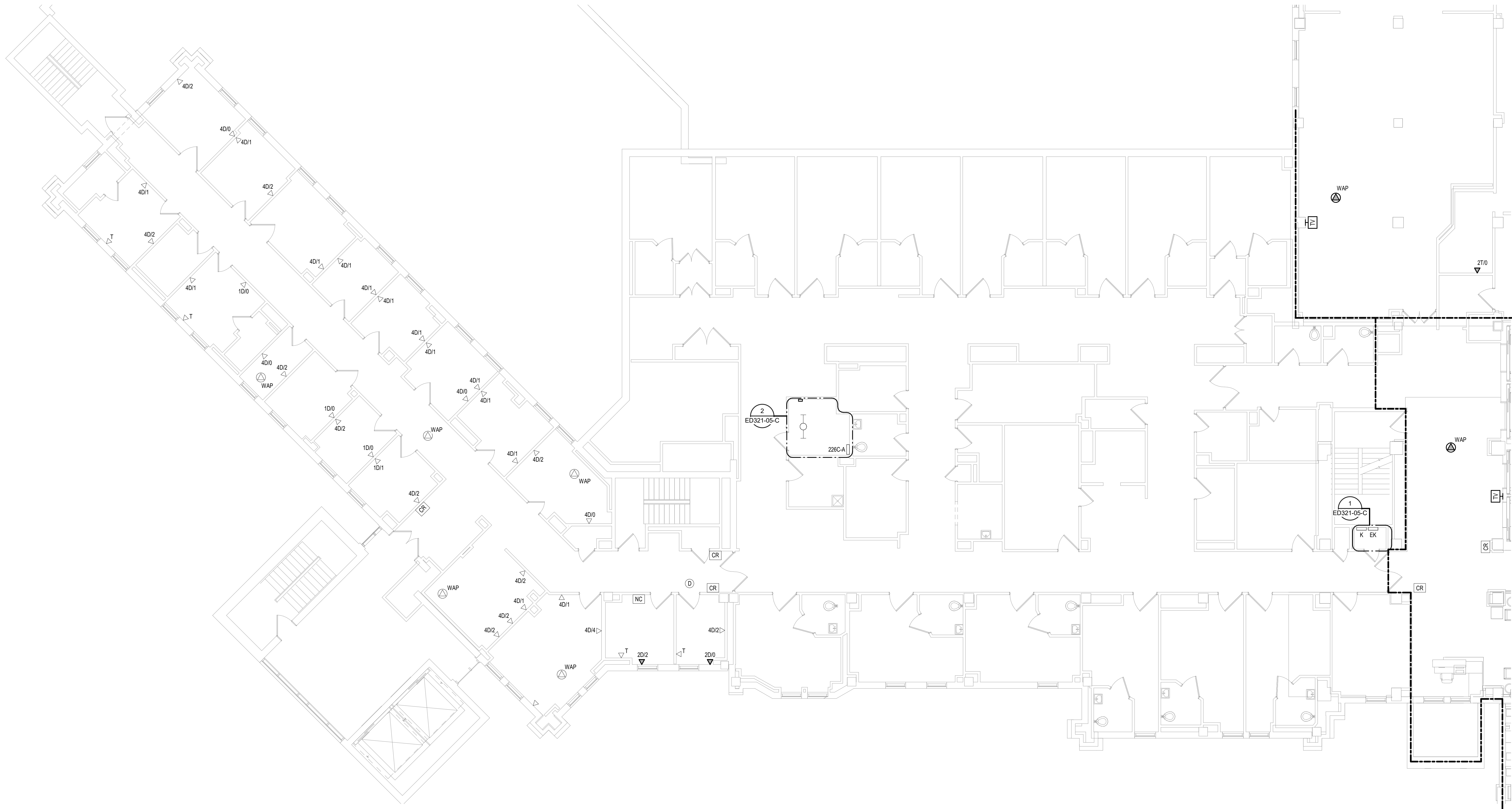
Drawn
PHV

Project Number
438-20-910

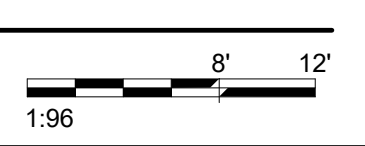
Building Number
5

Drawing Number
MP121-05-C

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



Revisions:	Date:


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

Office of Construction and Facilities Management



U.S. Department of Veterans Affairs

Drawing Title
SECOND LEVEL ELECTRICAL 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

Checked
KSB

Drawn
NMT

Project Number
438-20-910

Building Number
5

Drawing Number
ED121-05-C

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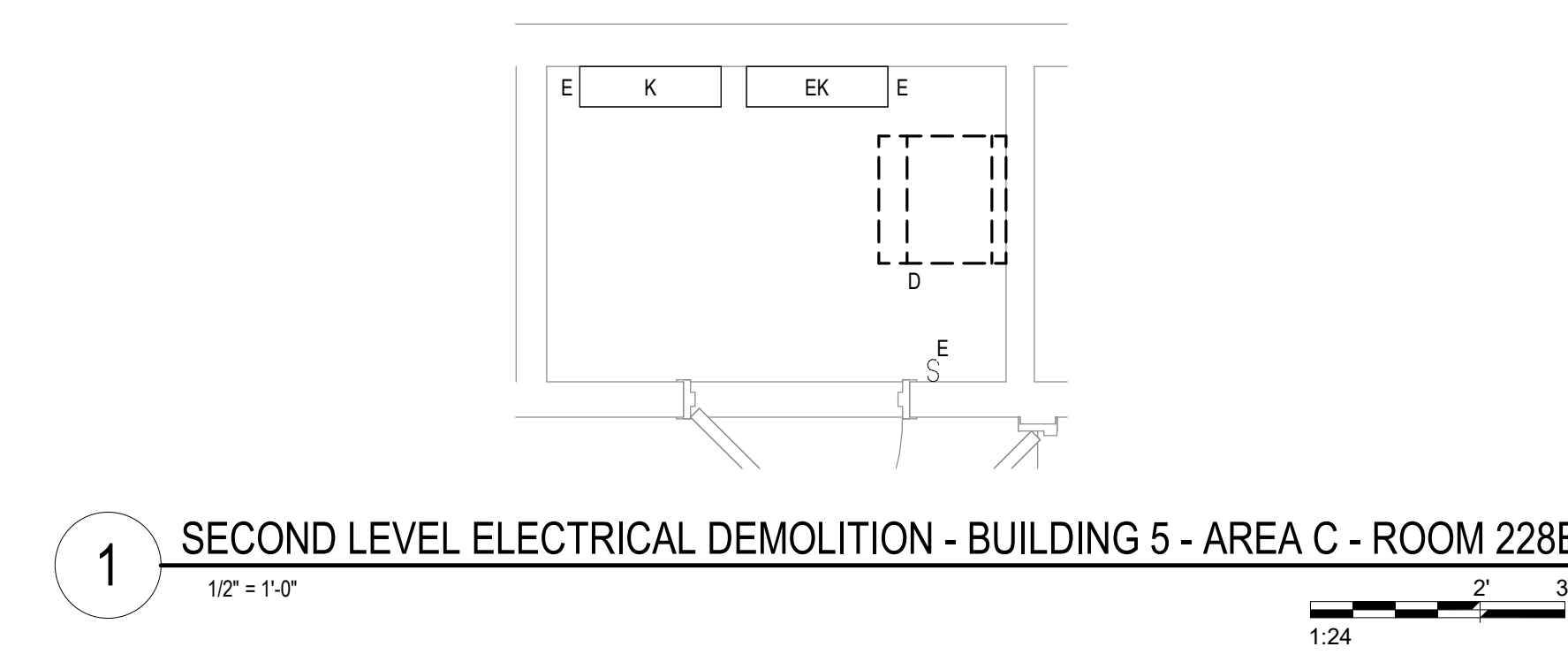
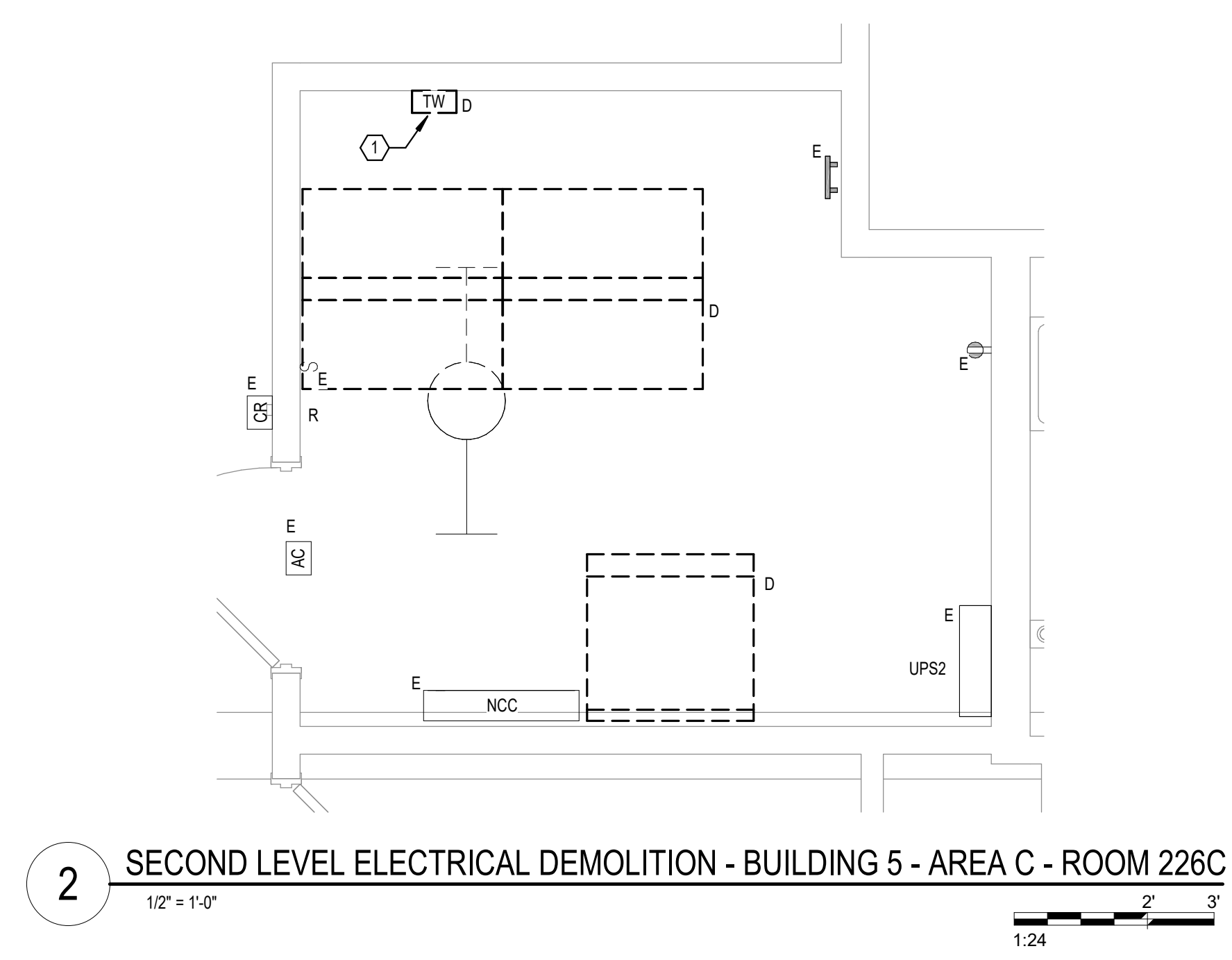
CABLING NOTES:

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 228E
- EXISTING CABLE COUNT
 DATA (CAT6): 0
 DATA (CAT5): 165
 VIDEO: 19
 PATIENT MONITORING: 25
 COMMERCIAL WIRELESS: 8
- CABLE RELOCATION COUNT
 DATA (CAT6): 0
 DATA (CAT5) -165 TO ROOM 268
 VIDEO: -19 TO ROOM 268
 PATIENT MONITORING: -25 TO ROOM 268
 COMMERCIAL WIRELESS: -8 TO ROOM 268
- 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
2. ROOM 228C
- EXISTING CABLE COUNT
 DATA (CAT6): 453
 DATA (CAT5): 0
 VIDEO: 19
 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): 453
 VIDEO: 19
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0
- FINAL CABLE COUNT
 DATA (CAT6): 453
 VIDEO: 19
 PATIENT MONITORING: 0
 COMMERCIAL WIRELESS: 0

SHEET NOTES:

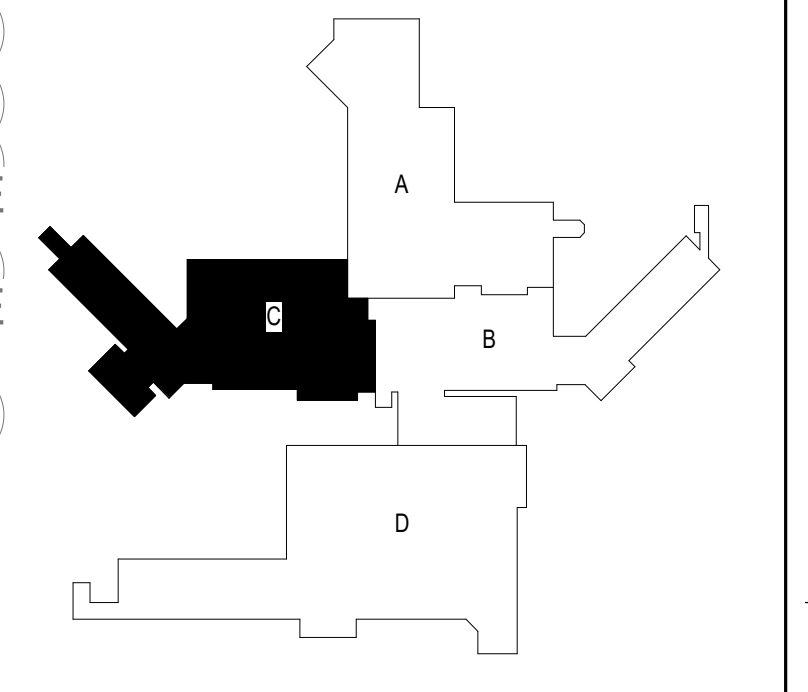
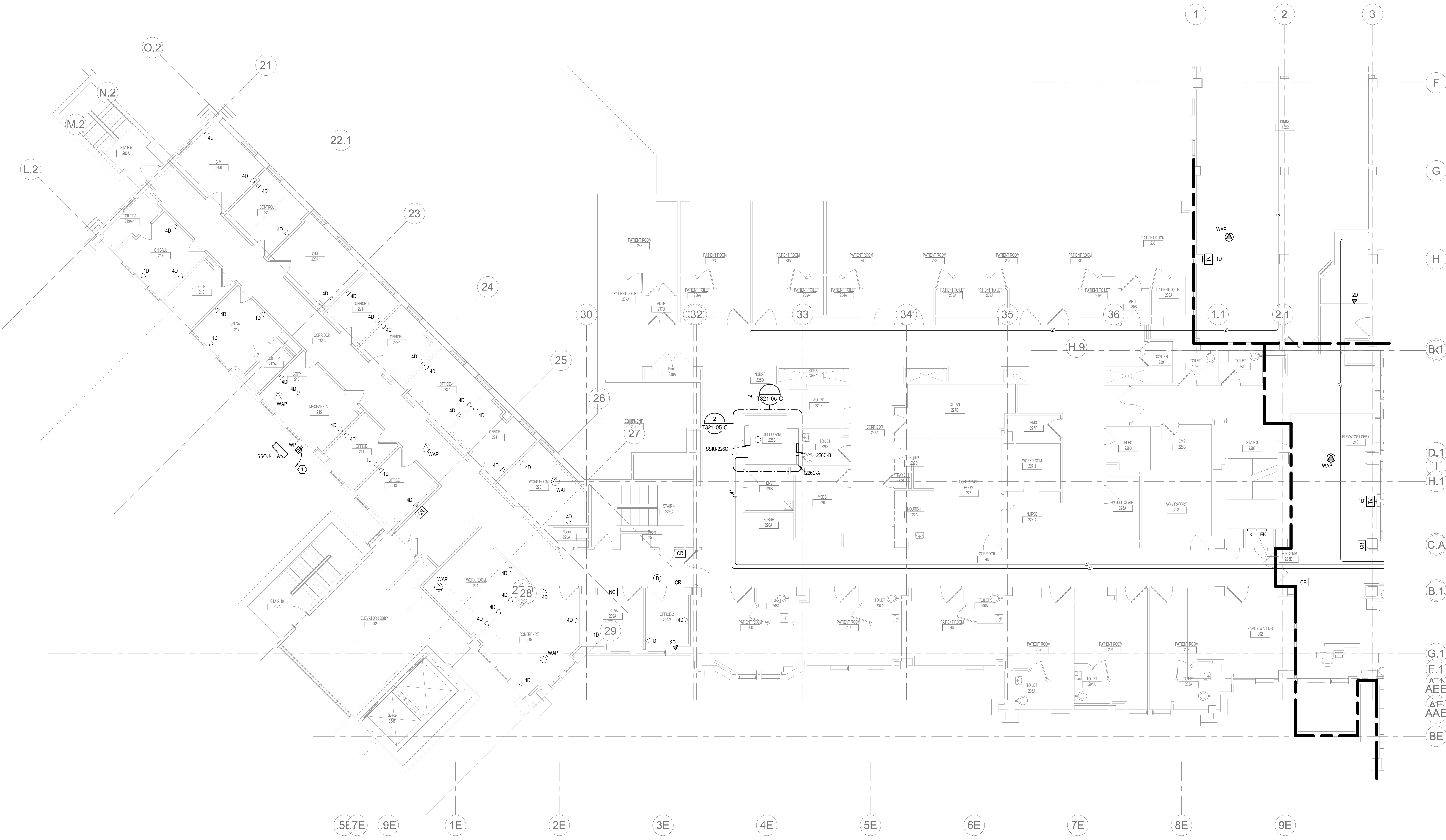
1. EXISTING TELEPHONE WALL FIELD TO BE DEMOLISHED. NEW COPPER BACKBONE TO BE PROVIDED ON PATCH PANELS IN TELECOMMUNICATIONS RACK. REFER TO CABLING NOTES AND NEW WORK PLANS FOR ADDITIONAL REQUIREMENTS.



Revisions:	Date:

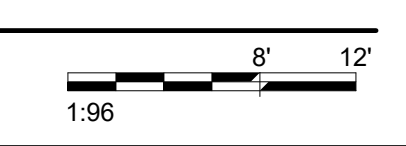
CONSULTANT   SPECIALIZED ENGINEERING SOLUTIONS <small>10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5520 www.specializedeng.com</small>	ARCHITECT/ENGINEER OF RECORD  ANDERSON <small>13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090</small>	STAMP  Nathan Timm BICSI ID # 346555 <small>EXPIRES 12-31-22</small> REGISTERED COMMUNICATIONS DISTRIBUTION	Office of Construction and Facilities Management  U.S. Department of Veterans Affairs	Drawing Title SECOND LEVEL ELECTRICAL DEMOLITION - BUILDING 5 - ENLARGED ROOMS - 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 ED321-05-C
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SHEET NOTES:
 1. POWER DEVICE TO NEAREST AVAILABLE BRANCH CIRCUIT FEEDING RECEPTACLES IN THIS AREA OR AREA BELOW.



KEYPLAN

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




Revisions:	Date:

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VA U.S. Department of Veterans Affairs

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

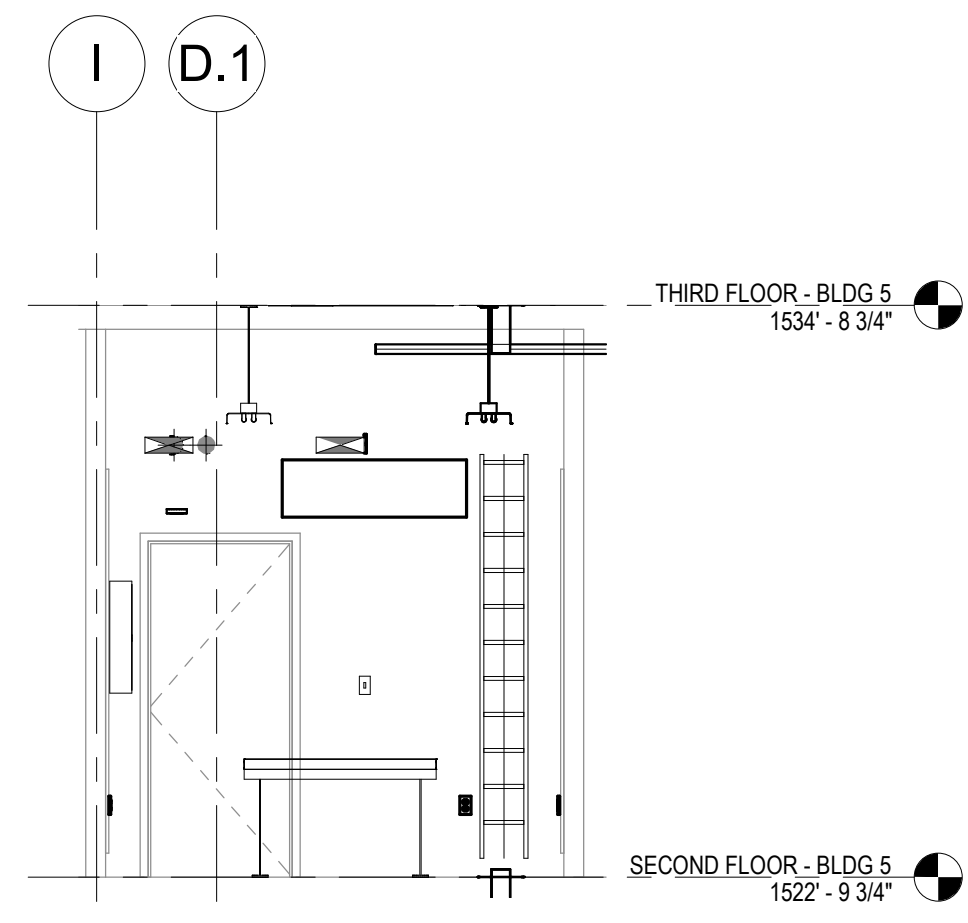
Phase
BID DOCUMENTS
FULLY SPRINKLERED

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

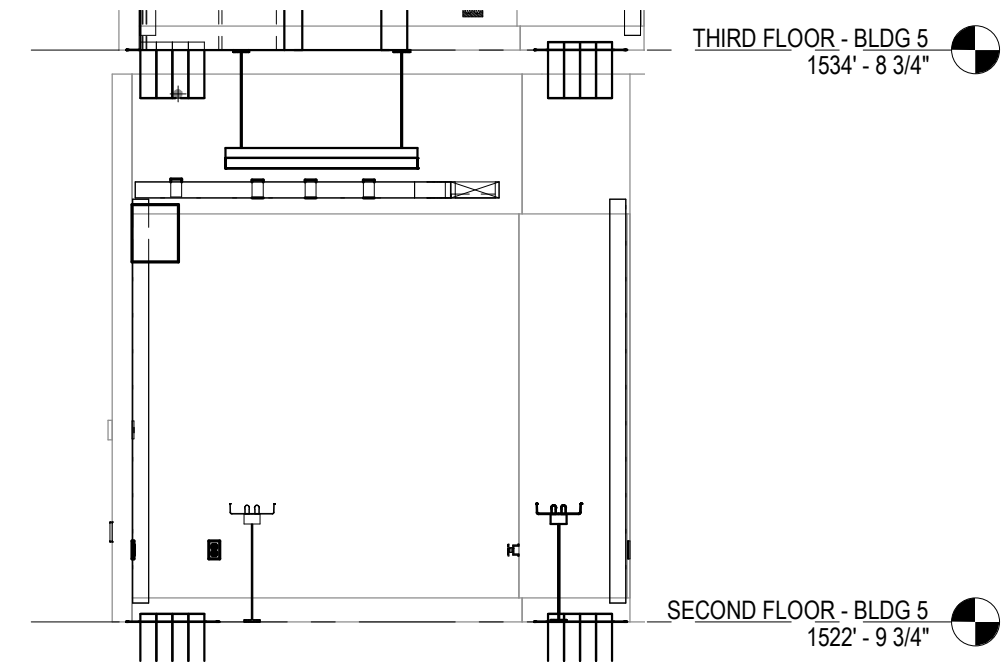
Project Number
 438-20-910
 Building Number
 5
 Drawing Number
TN121-05-C

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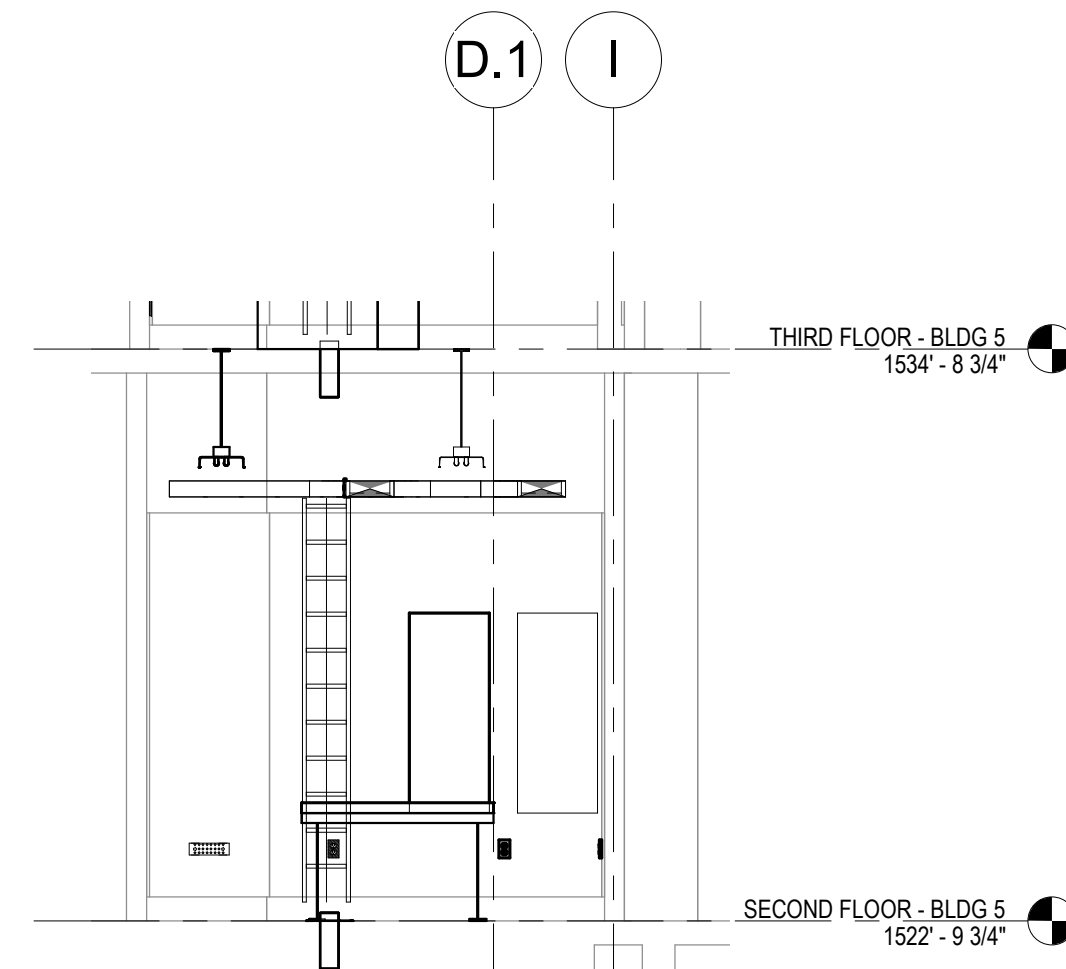
A
B
C
D
E
F



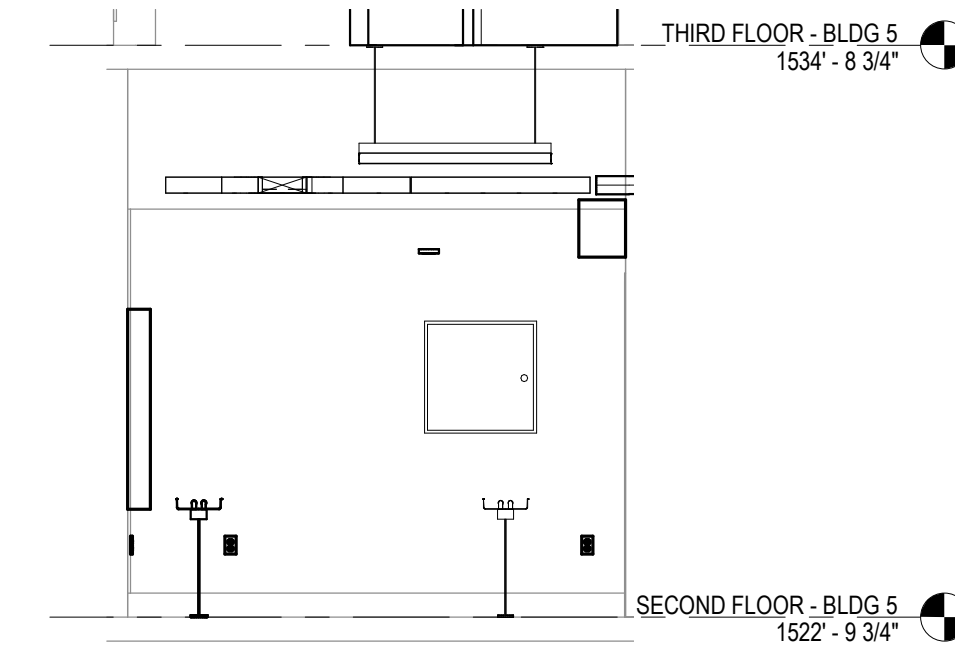
7 19-a
1/4" = 1'-0"



6 19-b
1/4" = 1'-0"



5 19-c
1/4" = 1'-0"



4 19-d
1/4" = 1'-0"

CABLING NOTES:

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

ROOM 226C

EXISTING CABLE COUNT
DATA (CAT5): 453
DATA (CAT6): 0
VIDEO: 19
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0

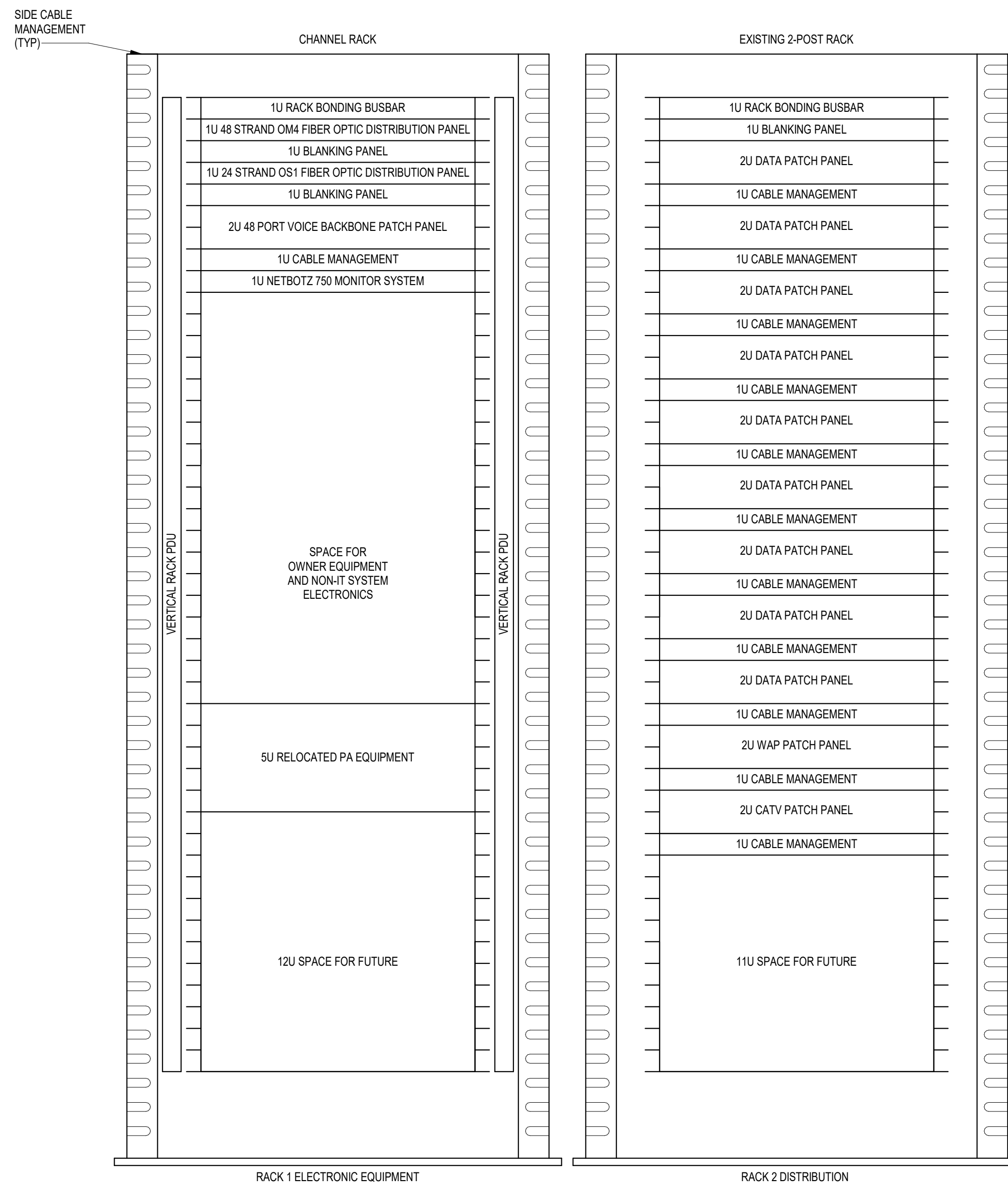
CABLE RELOCATION COUNT
DATA (CAT5): 0
DATA (CAT6): +81 FROM ROOM 228E
VIDEO: +10 FROM ROOM 228E
PATIENT MONITORING: +13 FROM ROOM 228E
COMMERCIAL WIRELESS: +4 FROM ROOM 228E

EXISTING CABLE TO REMAIN
DATA (CAT6): 453
VIDEO: 19
PATIENT MONITORING: 0
COMMERCIAL WIRELESS: 0

FINAL CABLE COUNT
DATA (CAT6): 534
DATA (CAT5): 81
VIDEO: 29
PATIENT MONITORING: 13
COMMERCIAL WIRELESS: 4

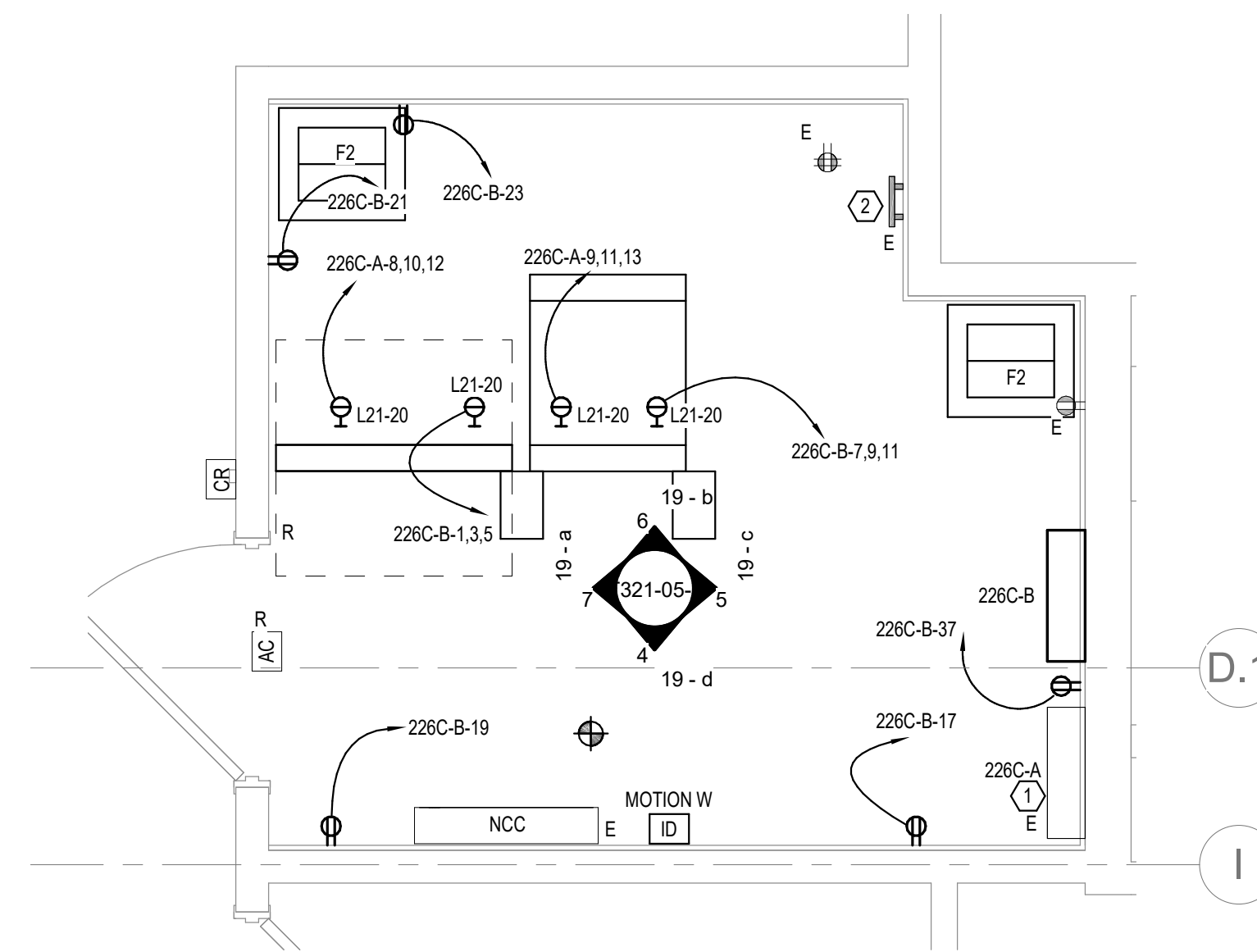
SHEET NOTES:

- PANEL 'UPS' TO BE RENAMED TO PANEL '226C-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 EEE00.
- PROVIDE NEW BONDING CONDUCTOR AS SHOWN ON TELECOMMUNICATIONS ROUTING SCHEMATIC ON SHEET EEE00.

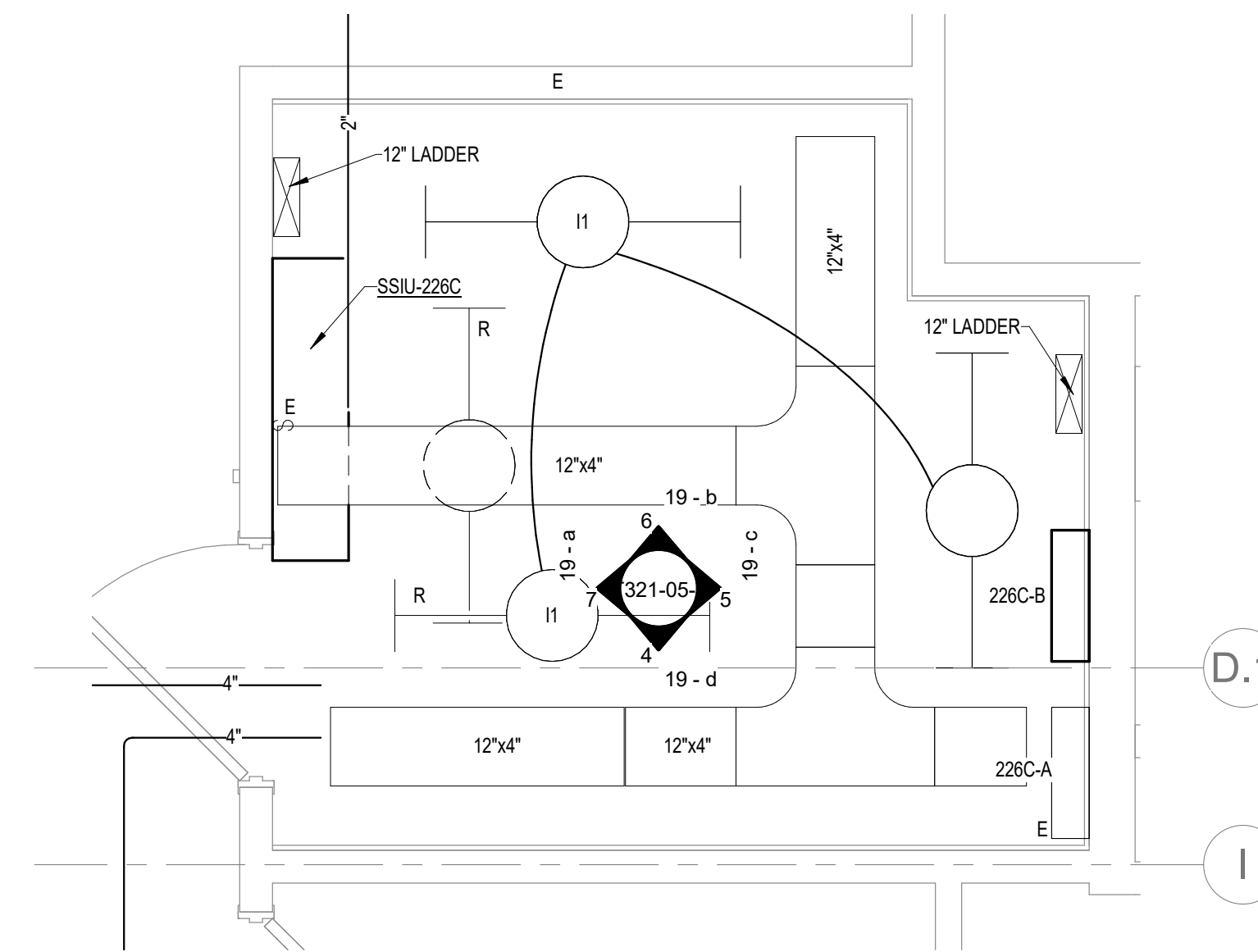


3 RACK ELEVATION - ROOM 226C
NO SCALE

- 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.



2 ENLARGED ROOM 226C - BUILDING 05 - POWER & DATA
1/2" = 1'-0"



1 ENLARGED ROOM 226C - BUILDING 05 - LIGHTING & CABLE TRAY
1/2" = 1'-0"

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title
ENLARGED ROOM 226C

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
T321-05-C

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A

B

C

D

E

F

LIGHTING PANEL: 226C-B

LOCATION: MECHANICAL 126A 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 SERVICE RATED: No INTEGRAL SPD: Yes SECTIONS: 1
 MOUNTING: SURFACE AVAILABLE SCC (KA): 2.0 MOUNTING: SURFACE AVAILABLE SCC (KA): PANEL POLES: 42
 NEMA ENCLOSURE: 1

C..	CIRCUIT DESCRIPTION	OPT	RATI...	POL...	A	B	C	POL...	RATI...	OPT	CIRCUIT DESCRIPTION	C..
1					1922...							2
3	PWR-C TELECOMM 226C - RACK RECEPTACLE		20 A	3		1922 VA						4
5							1922 VA					6
7	PWR-C TELECOMM 226C - RACK RECEPTACLE		20 A	3	1922...							8
11						1922 VA						10
13							1922 VA					12
15												14
17	REC TELECOMM 226C		20 A	1			180 VA					18
19	REC TELECOMM 226C		20 A	1	180 VA							20
21	REC TELECOMM 226C		20 A	1		180 VA						22
23	REC TELECOMM 226C		20 A	1			180 VA					24
25	SPARE		--	20 A	1	0 VA						26
27	SPARE		--	20 A	1	0 VA						28
29	SPARE		--	20 A	1		0 VA					30
31					0 VA							32
33	SPARE		--	20 A	3		0 VA					34
35						0 VA						36
37	REC MECHANICAL-6 126A-6		0 A	1	180 VA							38
39												40
41												42
					TOTAL LOAD:	4204 VA	4024 VA	4204 VA				
					TOTAL AMPS:	35 A	34 A	35 A				

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
REC	900 VA	100.00%	900 VA	CONNECTED LOAD: 12432 VA
PWR-NC	11532 VA	93.36%	10766 VA	CONNECTED CURRENT: 35 A
				DEMAND LOAD: 11666 VA
				DEMAND CURRENT: 32 A
				CONSIDER 125% DEMAND: 14583 A
				EQUIPMENT AMPS: 100 A
				FEEDER AVAILABLE: 67 %
				SPARE CAPACITY: 68 A

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

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

LIGHTING PANEL: 226C-A

LOCATION: MECHANICAL 126A 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 SERVICE RATED: No INTEGRAL SPD: Yes SECTIONS: 1
 MOUNTING: SURFACE AVAILABLE SCC (KA): MOUNTING: SURFACE AVAILABLE SCC (KA): PANEL POLES: 18
 NEMA ENCLOSURE: 1

C..	CIRCUIT DESCRIPTION	OPT	RATI...	POL...	A	B	C	POL...	RATI...	OPT	CIRCUIT DESCRIPTION	C..	
1	ROOM 226C		--	20 A	1	0 VA	0 VA				1	20 A	2
3	ROOM 226C		--	20 A	1		0 VA	0 VA			1	20 A	4
5	ROOM 226C		--	20 A	1			0 VA	0 VA		1	20 A	6
7	ROOM 226C		--	20 A	1	0 VA	1922 VA				1	20 A	8
9	PWR-C TELECOMM 226C - RACK RECEPTACLE		20 A	3		1922 VA	1922 VA	1922 VA	1922...		3	20 A	10
11					1922...	1195 VA			1922 VA	1922...			12
13													14
15	SPARE		--	20 A	1	0 VA	1195 VA				2	25 A	16
17	SPARE		--	20 A	1		0 VA	0 VA			1	20 A	18
					TOTAL LOAD:	5039 VA	5039 VA	3844 VA					
					TOTAL AMPS:	44 A	44 A	32 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
MTR	2390 VA	124.22%	2969 VA	CONNECTED LOAD: 13922 VA
PWR-NC	11532 VA	93.36%	10766 VA	CONNECTED CURRENT: 39 A
				DEMAND LOAD: 13735 VA
				DEMAND CURRENT: 38 A
				CONSIDER 125% DEMAND: 17168 A
				EQUIPMENT AMPS: 100 A
				FEEDER AVAILABLE: 61 %
				SPARE CAPACITY: 62 A

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

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

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Revisions:	Date:


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Nathan Timm
BICSI ID # 346555
EXPIRES 12-31-22
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Office of Construction and Facilities Management



U.S. Department of Veterans Affairs

Drawing Title

PANEL SCHEDULES - BUILDING 5 - SECOND LEVEL - AREA C

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

Checked
KSB

Drawn
NMT

Project Number
438-20-910

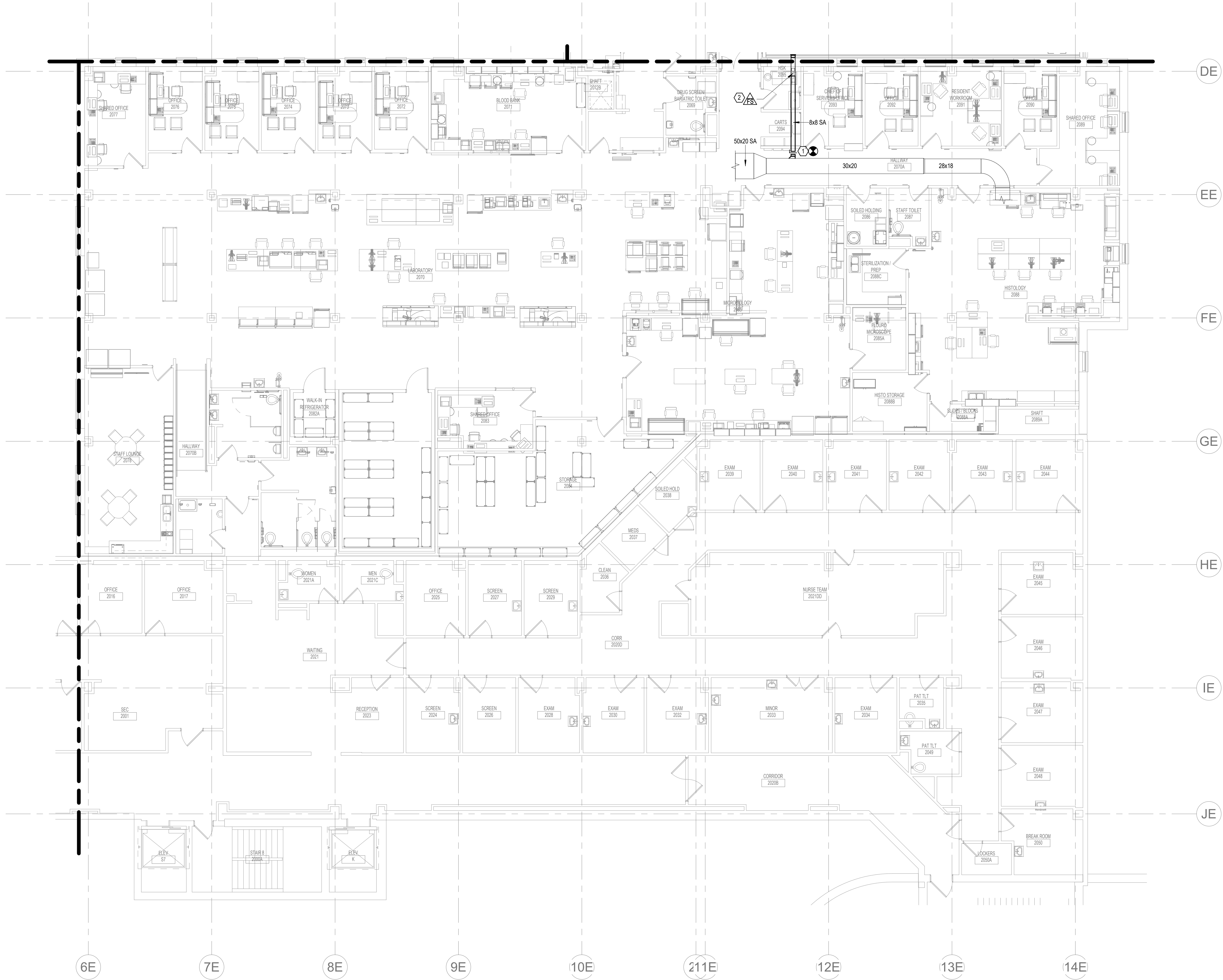
Building Number
5

Drawing Number
EE421-05-C

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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:**
- CONNECT NEW SUPPLY DUCT TO EXISTING. REFER TO SHEET MH121-05-B FOR CONTINUATION.
 - COORDINATE POSITION AND ACCESS OF FIRE SMOKE DAMPER WITH ALL DISCIPLINES.



1 SECOND LEVEL DUCTWORK PLAN - BUILDING 5 - AREA D
1/8" = 1'-0"

Revisions:	Date:

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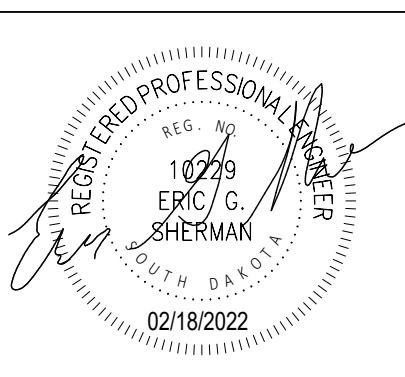
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VA U.S. Department of Veterans Affairs

Drawing Title
SECOND LEVEL DUCTWORK 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
02/18/2022

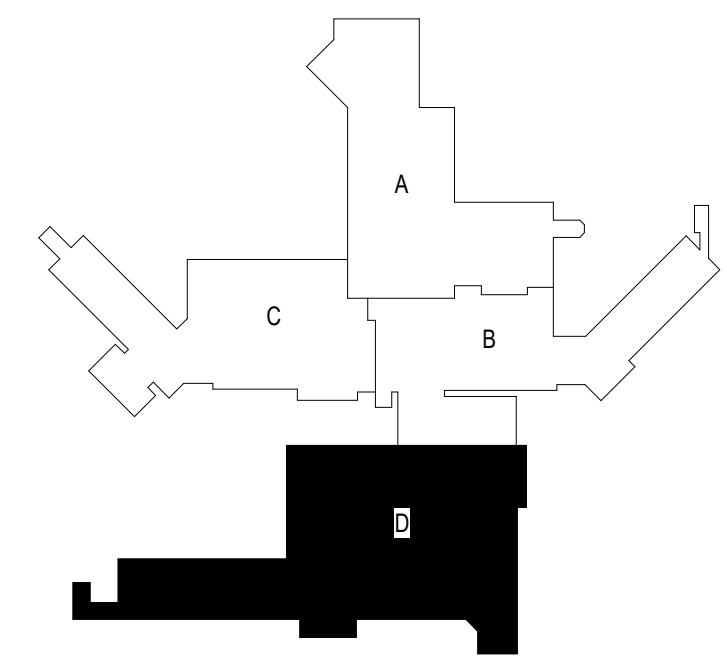
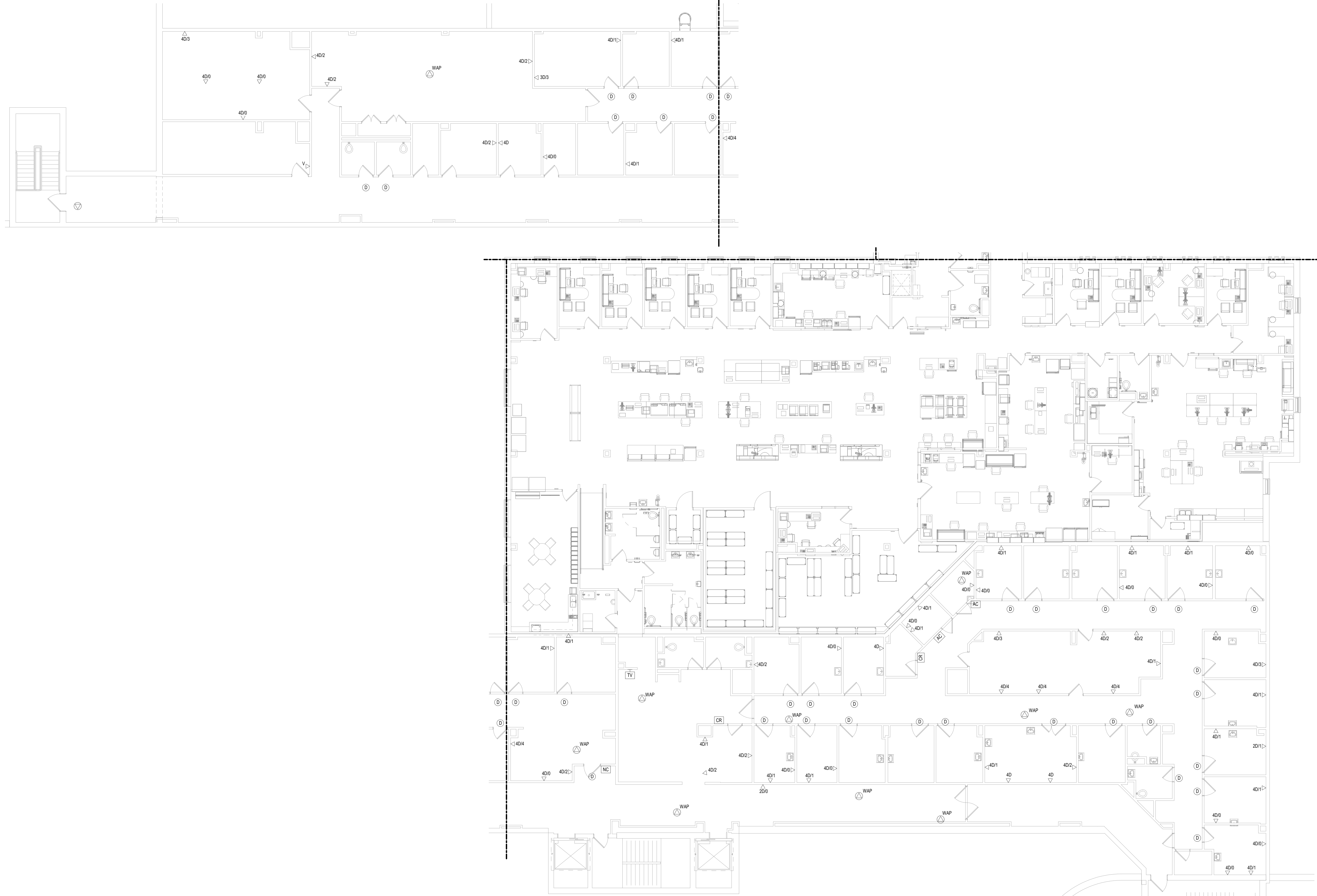
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Drawn
PHV

Project Number
438-20-910

Building Number
5

Drawing Number
MH121-05-D



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

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U.S. Department of Veterans Affairs

Drawing Title

SECOND LEVEL ELECTRICAL DEMOLITION PLAN - BUILDING 5 - AREA D

Approved:

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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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KSB

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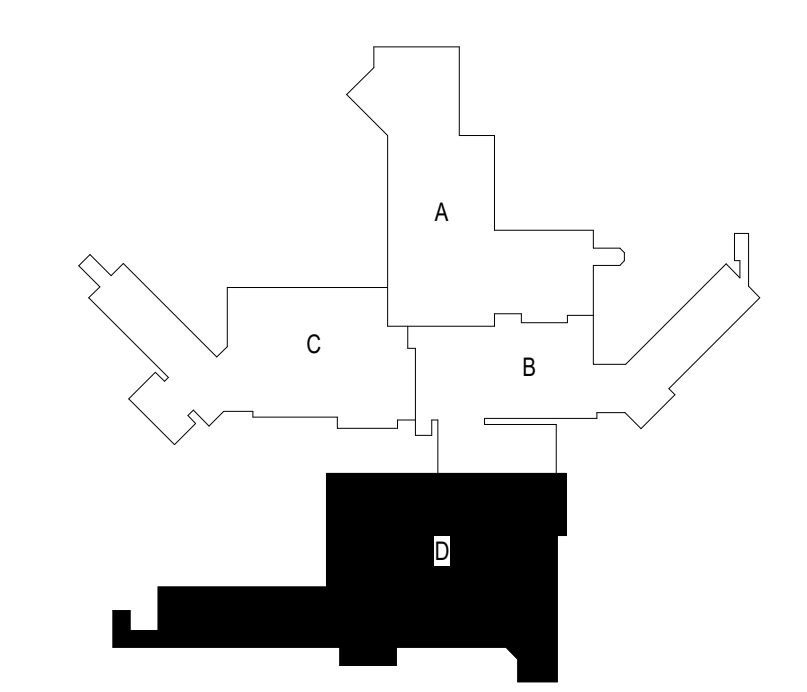
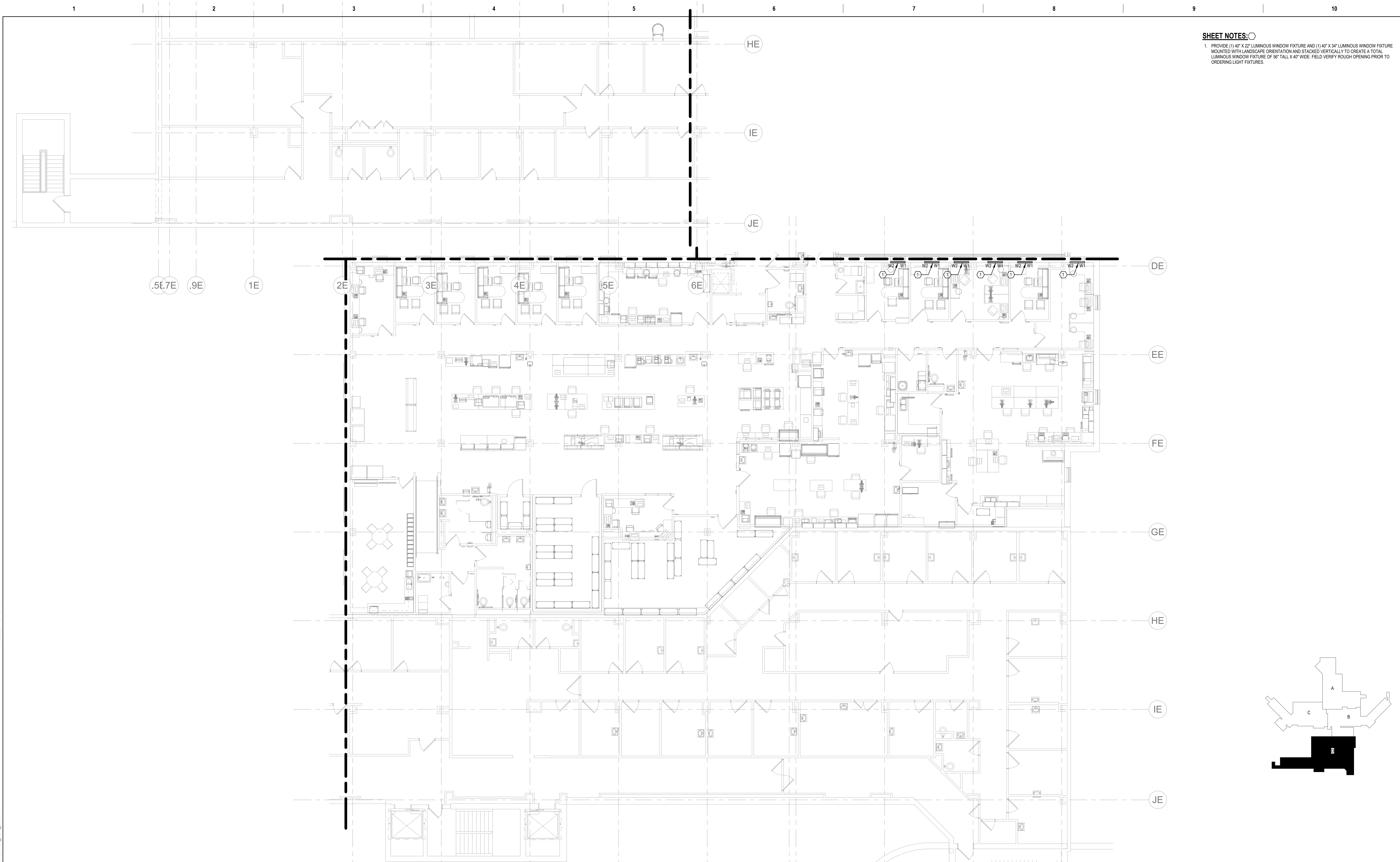
Project Number
438-20-910

Building Number
5

Drawing Number
ED121-05-D

SHEET NOTES:

1. PROVIDE (1) 40" X 22" LUMINOUS WINDOW FIXTURE AND (1) 40" X 34" LUMINOUS WINDOW FIXTURE MOUNTED WITH LANDSCAPE ORIENTATION AND STACKED VERTICALLY TO CREATE A TOTAL LUMINOUS WINDOW FIXTURE OF 56" TALL X 40" WIDE. FIELD VERIFY ROUGH OPENING PRIOR TO ORDERING LIGHT FIXTURES.



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

Revisions:	Date:

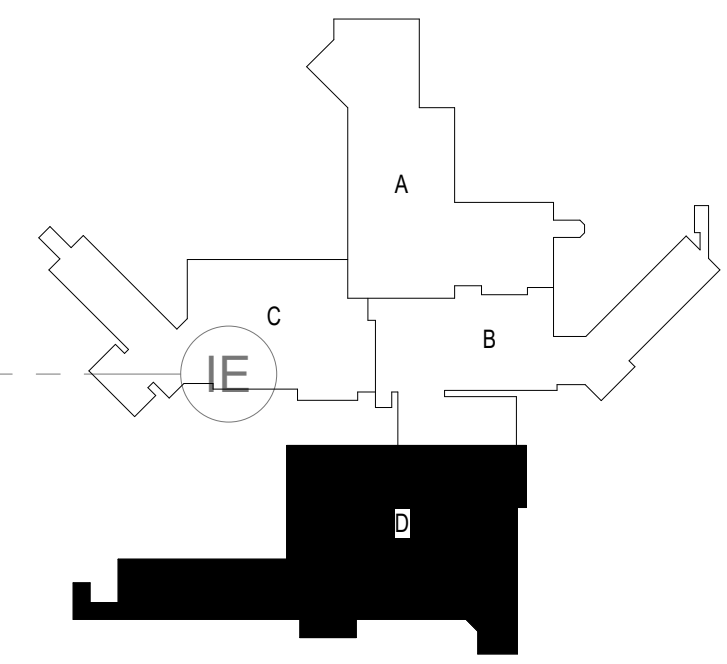
CONSULTANT 		ARCHITECT/ENGINEER OF RECORD  13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090		STAMP  Nathan Timm BICSI ID # 346555 EXPIRES 12-31-23 REGISTERED COMMUNICATIONS DISTRIBUTION		Office of Construction and Facilities Management  U.S. Department of Veterans Affairs		Drawing Title SECOND LEVEL LIGHTING PLAN - BUILDING 5 - AREA D Approved:		Phase BID DOCUMENTS FULLY SPRINKLERED		Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES		Project Number 438-20-910 Building Number 5 Drawing Number EL121-05-D	
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	

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

1:96
0' 12"



KEYPLAN

Revisions:	Date:

<p>CONSULTANT</p> 	<p>ARCHITECT/ENGINEER OF RECORD</p>  <p>SPECIALIZED ENGINEERING SOLUTIONS</p> <p>10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5530 www.specializedeng.com</p>	<p>ANDERSON</p> <p>13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16090</p>	<p>STAMP</p> 	<p>Office of Construction and Facilities Management</p>  <p>U.S. Department of Veterans Affairs</p>	<p>Drawing Title</p> <p>SECOND LEVEL LOW VOLTAGE PLAN - BUILDING 5 - AREA D</p> <p>Approved:</p>	<p>Phase</p> <p>BID DOCUMENTS</p> <p>FULLY SPRINKLERED</p>	<p>Project Title</p> <p>VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES</p> <p>Location Sioux Falls, SD</p> <p>Issue Date 02/18/2022</p> <p>Checked KSB</p> <p>Drawn NMT</p>	<p>Project Number 438-20-910</p> <p>Building Number 5</p> <p>Drawing Number TN121-05-D</p>
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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 (LNO)		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 REFINISHED 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, CUBICLE CURTAIN TRACKS, PROJECTION SCREENS ETC. SHALL BE REMOVED, UNLESS NOTED OTHERWISE.
- WITHIN ALL EXISTING ROOMS/SPACES RECEIVING SCHEDULED FLOOR, OR WALL, OR CEILING FINISHES, REMOVE ALL EXISTING FLOOR, OR WALL, OR CEILING FINISHES DOWN TO THE SUBSTRATE. INCLUDE THE REMOVAL OF ALL ITEMS LOCATED WITHIN THE EXISTING FINISH REMOVALS UNDO PATCH AND PREP ALL SUBSTRATES TO RECEIVE SCHEDULED FINISHES. FOR ADDITIONAL INFORMATION, SEE KEYNOTED ITEMS, FINISH PLANS AND/OR SCHEDULES, STRUCTURAL, MECHANICAL AND ELECTRICAL.
- THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS. THIS WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. SEE MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY PLANS FOR ADDITIONAL WORK.

DEMOLITION PLAN 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 BOARD 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 REFLASHING 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



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

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

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title
THIRD LEVEL OVERALL DEMOLITION PLAN - BUILDING 5

Approved:

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

Checked
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Drawn
GJB

Project Number
438-20-910

Building Number
5

Drawing Number
AD131-05

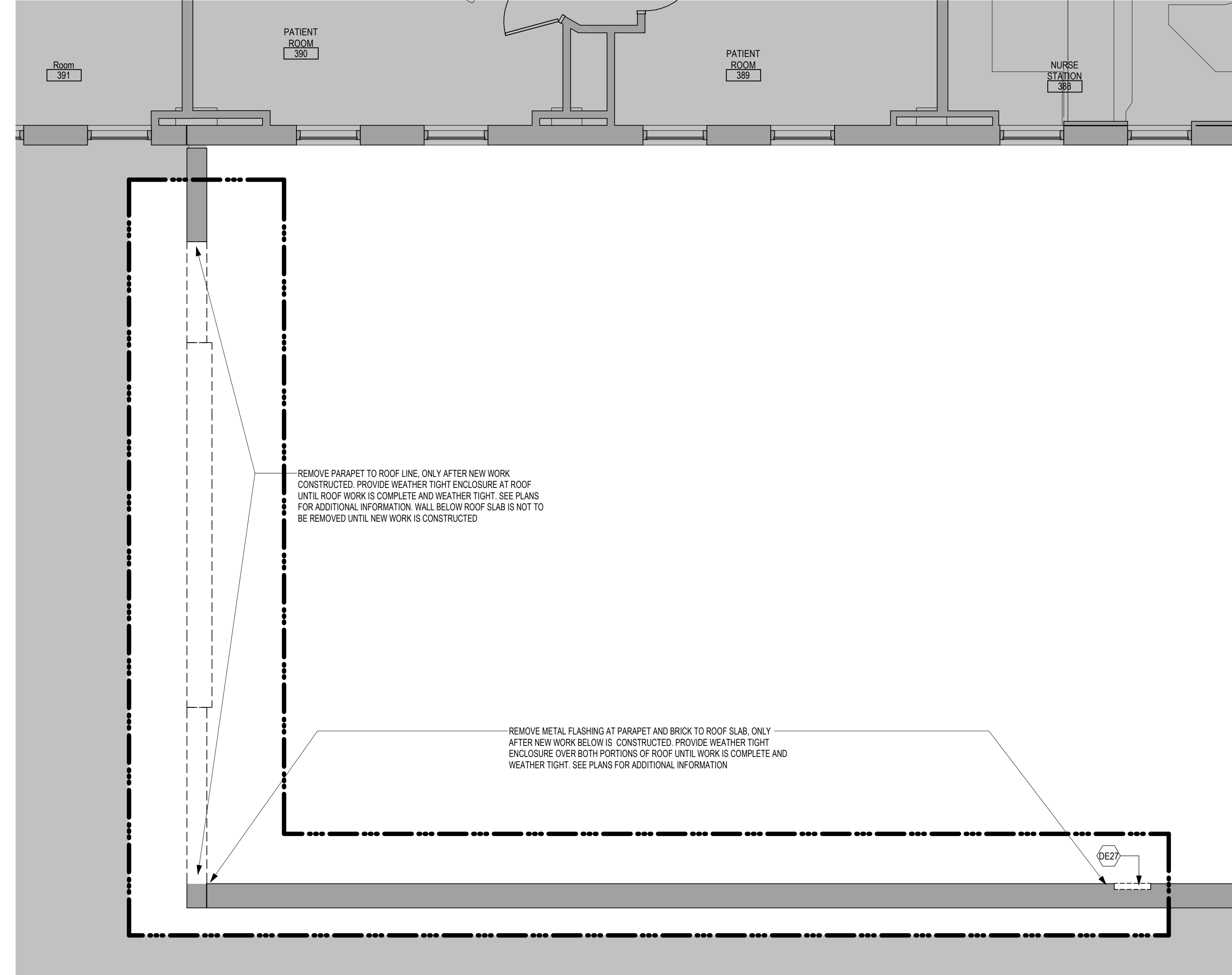
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DEMOLITION PLAN SYMBOLS			
	EXISTING WALL TO REMAIN		EXISTING DOOR AND FRAME TO REMAIN
	WALL OR PARTITION TO BE REMOVED		EXISTING DOOR AND FRAME TO BE DEMOLISHED
	DASHED LINE INDICATES ITEM TO BE REMOVED (UNO)		KEY NOTE
	GRIDLINE		

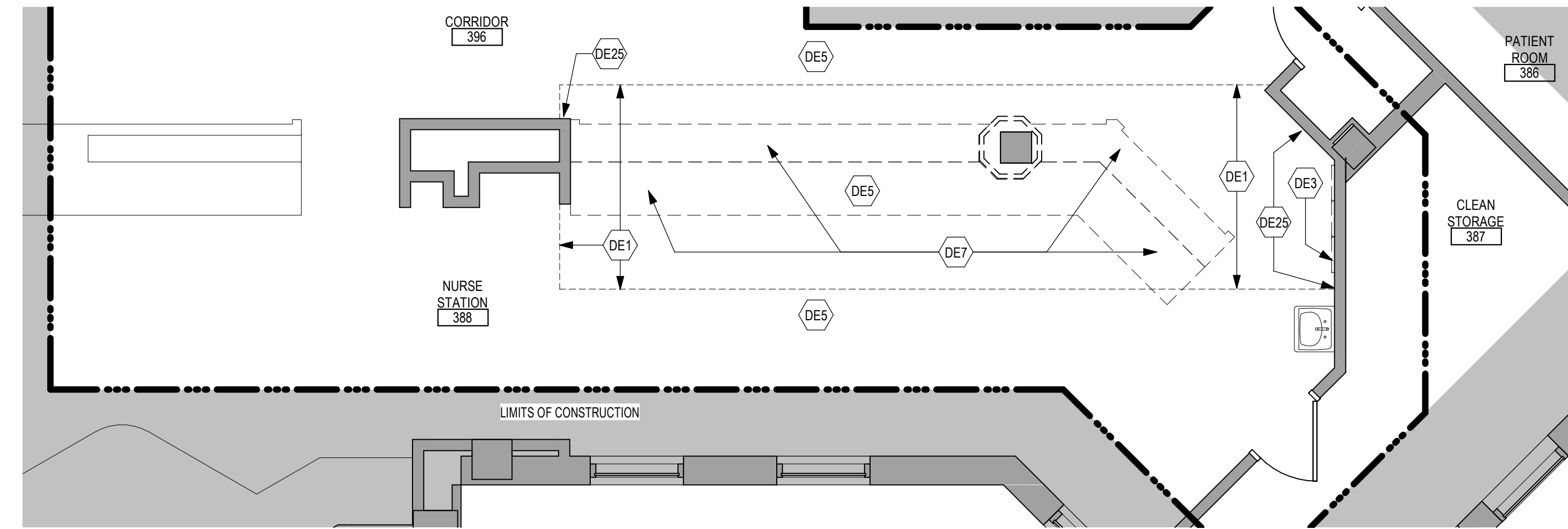
NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

- ### DEMOLITION GENERAL NOTES
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 - 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.
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 - DO NOT REMOVE ANY EXISTING STRUCTURAL SUPPORT MEMBERS SUCH AS COLUMNS, BEAMS, JOISTS, LOAD BEARING PARTITIONS ETC. UNTIL ADEQUATE PERMANENT OR TEMPORARY SUPPORT IS IN PLACE. ALL EXISTING STRUCTURAL MEMBERS SHALL BE ADEQUATELY PROTECTED. COORDINATE WITH STRUCTURAL ENGINEER.
 - SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED DEMOLITION AND PREP WORK.
 - WALL AND CEILING MOUNTED ITEMS SHOWN DASHED, SUCH AS WALL CABINETS, SHELVING, CURTAIN FRAMES, 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 WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS. THIS WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. SEE MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY PLANS FOR ADDITIONAL WORK.

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



1 ENLARGED DEMOLITION PLAN - THIRD LEVEL LAB ROOF - BUILDING 5
1/4" = 1'-0"



2 ENLARGED DEMOLITION PLAN - NURSE STATION 388 - 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 ON 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 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) not used
- NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

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Revisions:	Date:

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STAMP

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

Drawing Title
THIRD LEVEL ENLARGED DEMOLITION & FLOOR PLANS - 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

Checked
Checker

Drawn
Author

Project Number
438-20-910

Building Number
05

Drawing Number
AD131.01-05

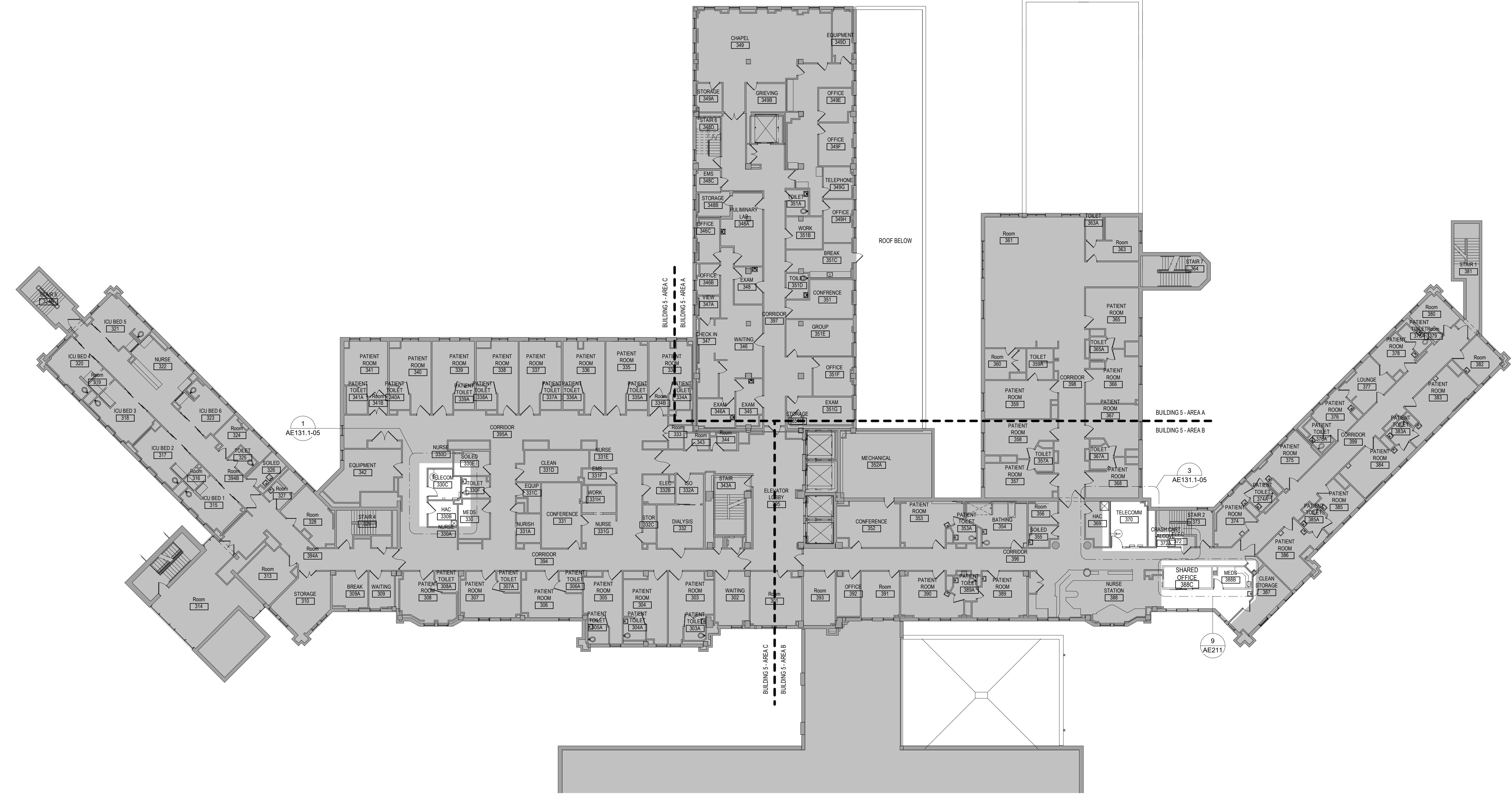
GENERAL NOTES

- THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS. THIS WORK SHALL BE PART OF THIS CONTRACT AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. SEE MECHANICAL, ELECTRICAL, PLUMBING AND TECHNOLOGY PLANS FOR ADDITIONAL WORK.
- CONTRACTORS SHALL VISIT THE SITE DURING BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. THE GENERAL CONTRACTOR SHALL LOCATE, INSPECT AND FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO DEMOLITION AND CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- WHEREVER OPENINGS ARE CUT THROUGH FIRE RATED PARTITIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR WHOM THE HOLE IS CUT TO PATCH AND REPAIR ANY OPENING TO MAINTAIN THE INTEGRITY OF THE FIRE RATINGS.
- 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 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 AREAS 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 (API) 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" FRP PLYWOOD BACKING BEHIND ALL SURFACE MOUNTED FIXTURES AND EQUIPMENT, UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL EVALUATE INTEGRITY OF ALL PARTITIONS INDICATED BY SYMBOLS ON THE LIFE SAFETY PLANS) WITHIN THE PROJECT SCOPE AND UPGRADE AS REQUIRED. ALL FIRE RESISTIVE RATED WALLS SHALL BE CONSTRUCTED OF MATERIALS ASSEMBLIES MEETING THE RATING INDICATED. TERMINATE AT THE DECK ABOVE WITH A TESTED HEAD OF WALL ASSEMBLY, AND ALL PENETRATIONS SHALL BE SEALED WITH A TESTED ASSEMBLY. ALL SMOKE PARTITIONS SHALL BE CONSTRUCTED OF MATERIALS THAT RESIST THE PASSAGE OF SMOKE. TERMINATE AT THE DECK ABOVE WITH A CONT SEALED WITH FIRE CAULK AND ALL PENETRATIONS SHALL BE SEALED WITH FIRE CAULK.

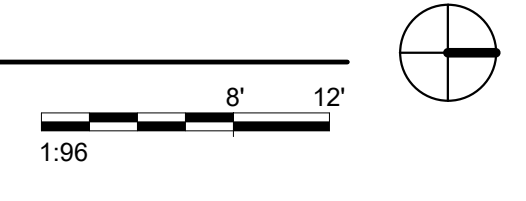
FLOOR PLAN SYMBOLS

	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 ROOM NAME AND NUMBER	1A AES01	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



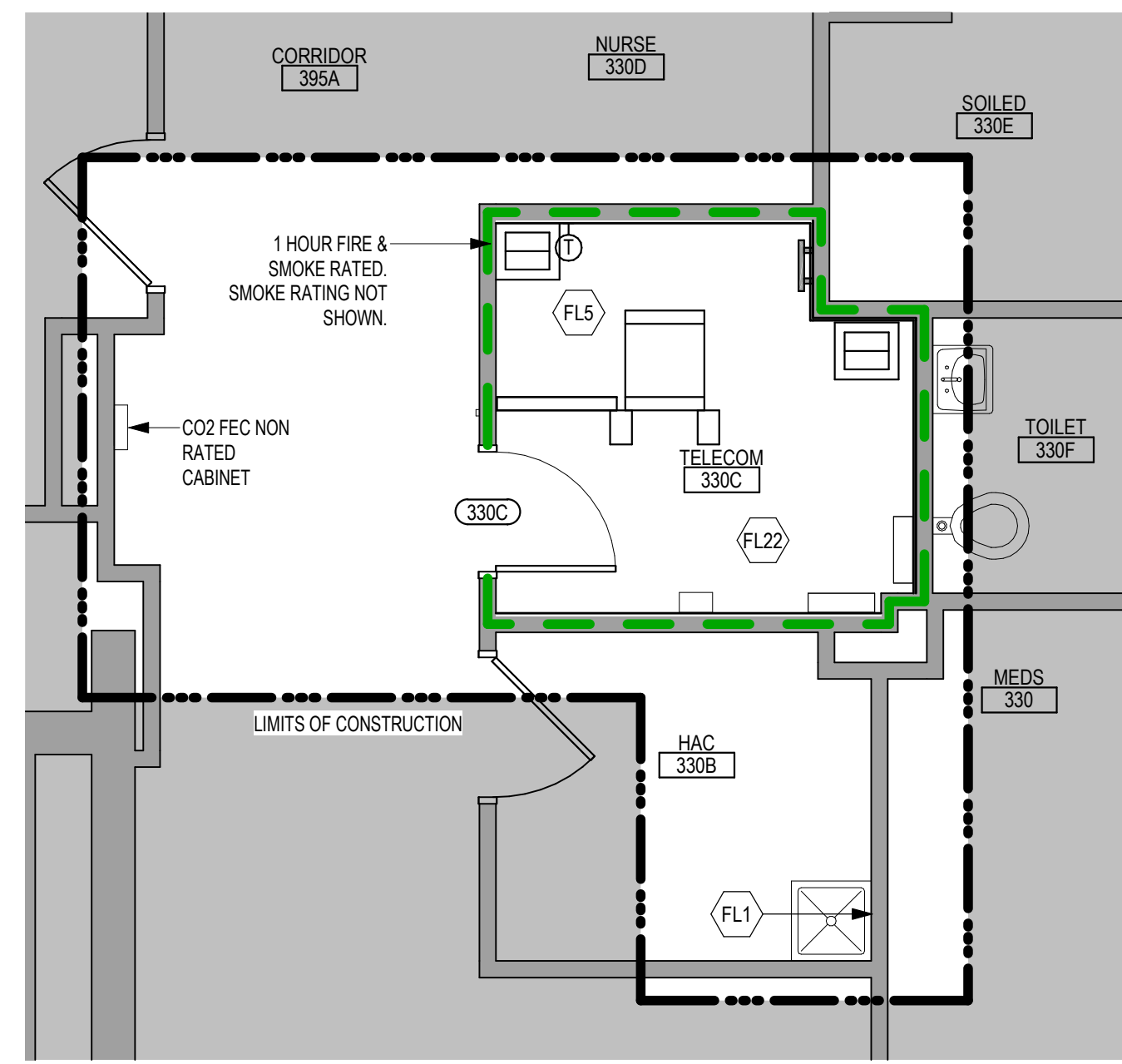
1 THIRD LEVEL FLOOR PLAN OVERALL - BUILDING 5
1/16" = 1'-0"



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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	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title THIRD LEVEL OVERALL FLOOR PLAN - BUILDING 5	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910
			Approved:	FULLY SPRINKLERED	Location Sioux Falls, SD	Issue Date 07/06/2021
						Drawing Number AE131-05



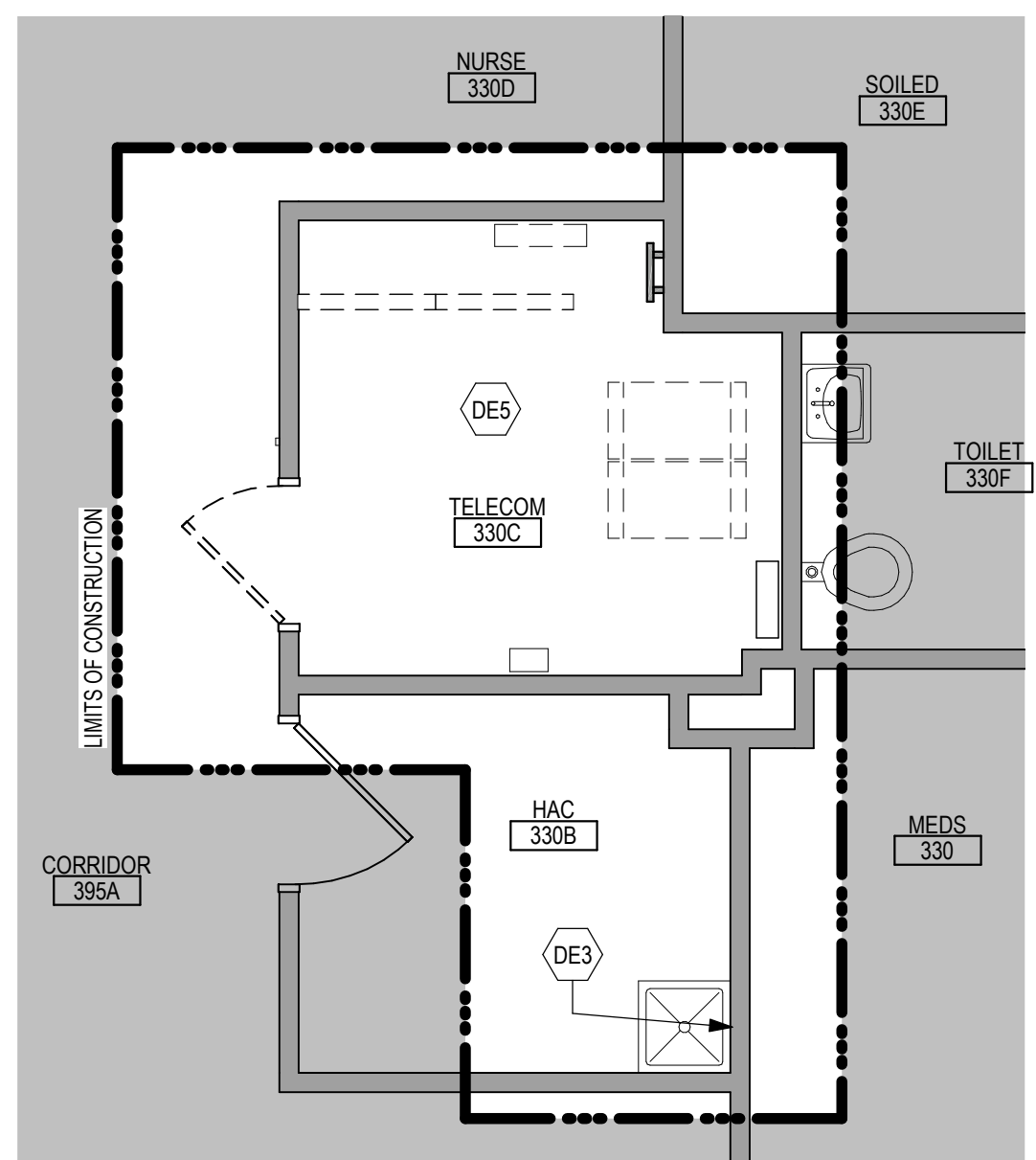
1 ENLARGED PLAN - TELECOM 330C - BUILDING 5
1/4" = 1'-0"

FLOOR PLAN KEYED NOTES

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

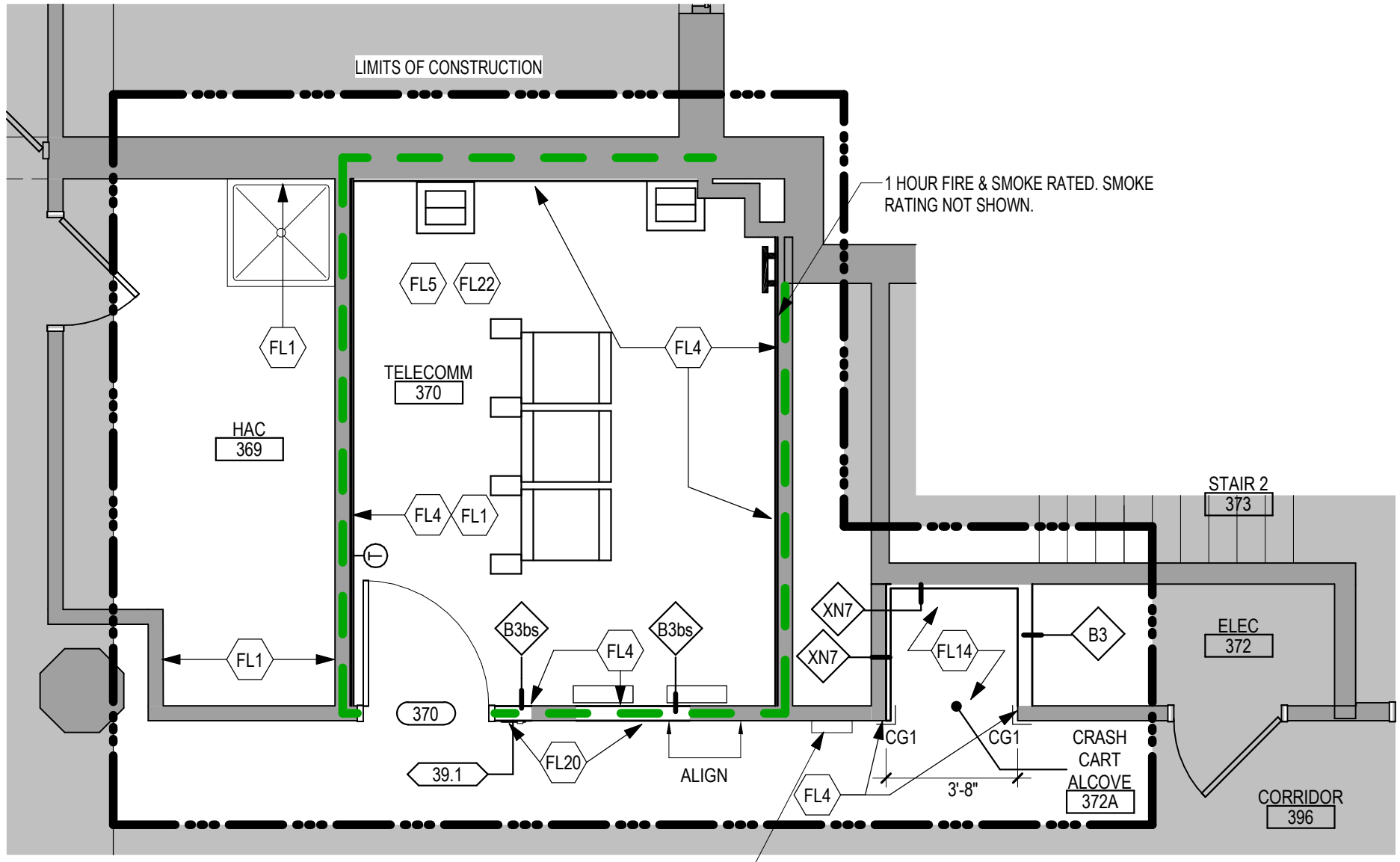
1. THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. WORK MUST BE ACCOMPLISHED IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, PLUMBING AND TECHNOLOGY ALONG WITH OTHER SYSTEMS.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



5 ENLARGED DEMOLITION PLAN - TELECOM 330C - BUILDING 5
1/4" = 1'-0"

DEMOLITION GENERAL NOTES

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

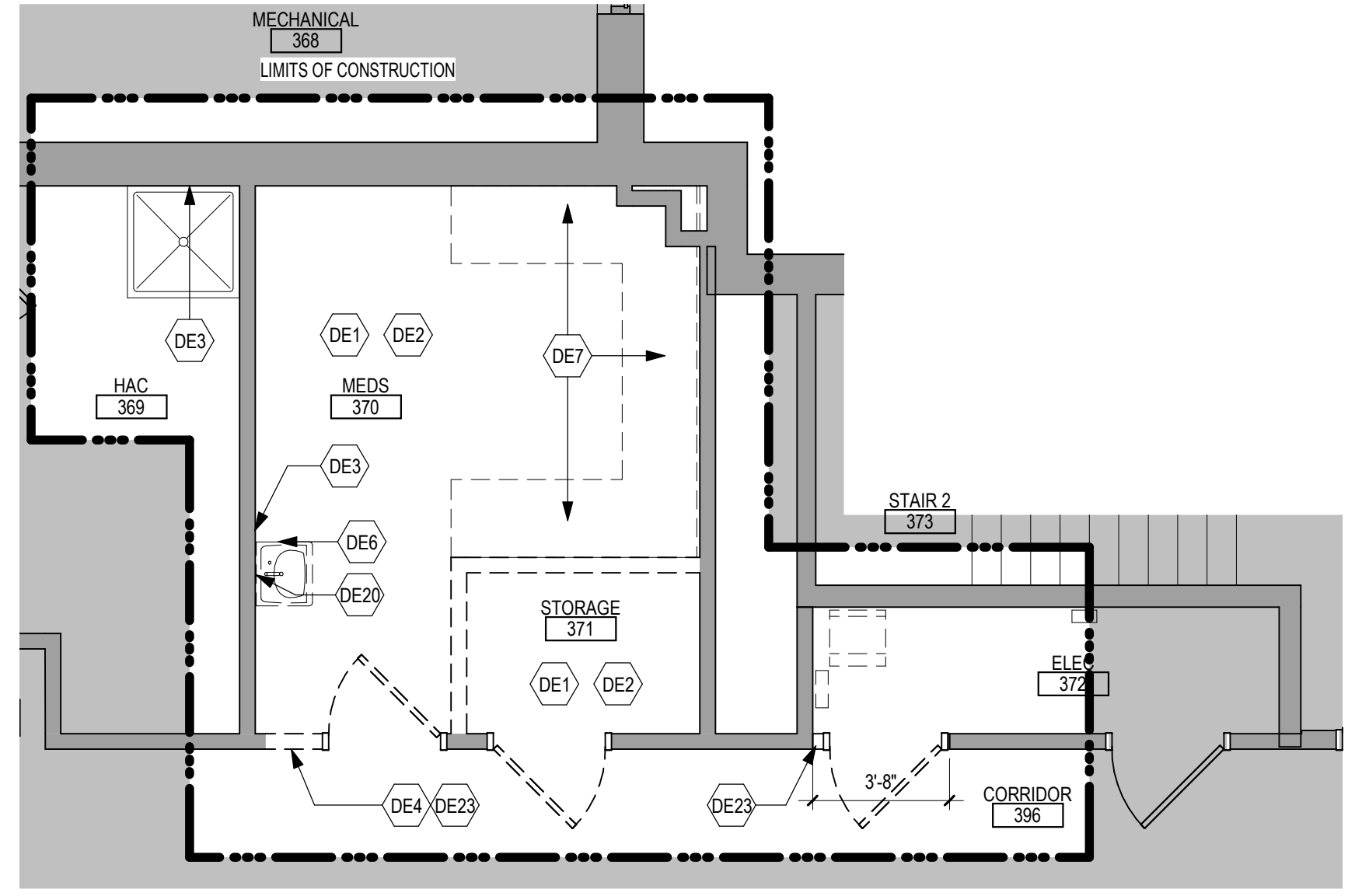


3 ENLARGED PLAN - TELECOM 370 - BUILDING 5
1/4" = 1'-0"

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 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 AE901	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



2 ENLARGED DEMOLITION PLAN - MEDS 370, STORAGE 371 & ELEC 372
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 REROOFING. SEE FLOOR/ROOF PLAN FOR ADDITIONAL INFORMATION.
 - (DE17) REMOVE ROOF DRAIN AND ASSOCIATED PIPING. SEE MECHANICAL FOR ADDITIONAL INFORMATION.
 - (DE18) REMOVE METAL LOUVER AND ALL ASSOCIATED MOUNTING HARDWARE. SEE MECHANICAL FOR ADDITIONAL INFORMATION.
 - (DE19) CUT OPENING IN BRICK AND METAL STUD BACK UP WALL FOR DOOR AND FRAME AS SCHEDULED. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
 - (DE20) REMOVE PARTIAL HEIGHT CERAMIC TILE AT SINK.
 - (DE21) REMOVE METAL RADIATOR COVER.
 - (DE22) REMOVE SURFACE APPLIED WALL COVERING, TRIM, VINYL BASE AND / OR CRASH / HAND RAIL AS NEEDED.
 - (DE23) REMOVE DOOR, FRAME AND ALL ASSOCIATED HARDWARE. SALVAGE FOR REINSTALLATION. SEE PLAN.
 - (DE24) REMOVE ALUMINUM WINDOW SYSTEM AND ALL ASSOCIATED HARDWARE. REMOVE CAST STONE SILL, EXTERIOR, AND SOLID SURFACE SILL, INTERIOR.
 - (DE25) CUT OPENING IN PARTITION AS REQUIRED FOR INSTALLATION OF EDGE ILLUMINATED PHOTO MURALS.
 - (DE26) SAW CUT FACE BRICK AND REMOVE PORTION OF WALL. SEE PLAN FOR ADDITIONAL INFORMATION.
- NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

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	A	

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	FEC	FIRE EXTINGUISHER CABINET

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

Revisions: _____ Date: _____ V4 FORM 08 - 6231	CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 	STAMP Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title THIRD LEVEL ENLARGED DEMOLITION & FLOOR PLANS - 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	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 02/18/2022	Checked _____ Checker	Drawn _____ Author	Building Number 5

A

B

C

D

E

F

RCP GENERAL NOTES

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

REFLECTED CEILING PLAN SYMBOLS

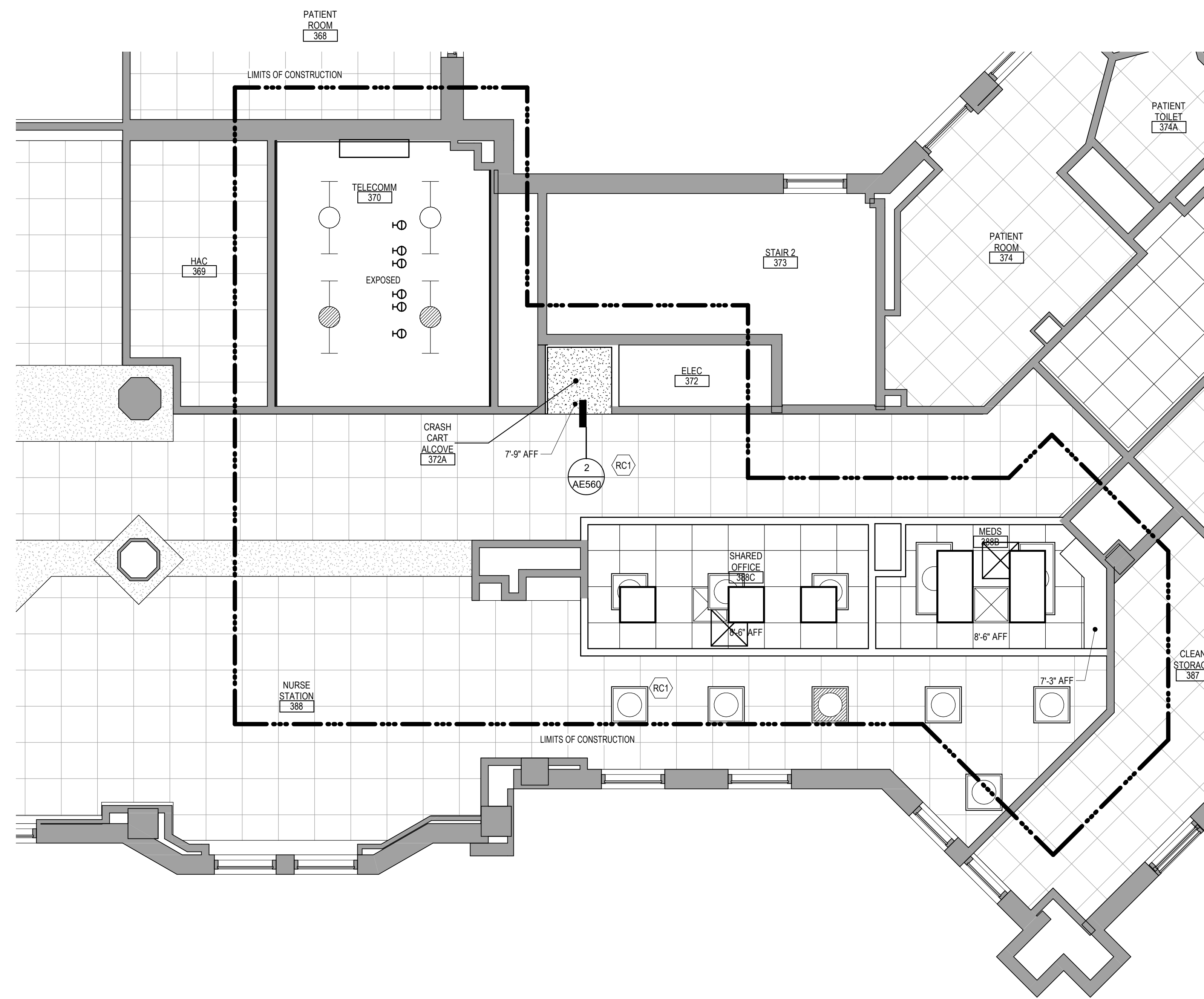
	GYPD CEILING / SOFFIT		2'-0" x 4'-0" LIGHT FIXTURE
	ACT CEILING SYSTEM		2'-0" x 2'-0" LIGHT FIXTURE
	EXISTING ACT CEILING SYSTEM		PENDANT STRIP LIGHT FIXTURE
	IV TRACK		PENDANT STRIP LIGHT FIXTURE
	CUBICLE CURTAIN TRACK		RECESSED LIGHT FIXTURE
	ACCESS PANEL		OCCUPANCY SENSOR
	MECHANICAL SUPPLY GRILL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

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

REFLECTED CEILING KEYED NOTES

- (RC1)** PATCH / MODIFY CEILING TO MATCH EXISTING AS NECESSARY. CONTRACTOR TO PROVIDE LABOR AND MATERIALS. REPLACE ANY BROKEN, DAMAGED OR DIRTY ACT TILES AND CEILING GRID. COORDINATE WITH OWNER FOR ACT AND CEILING GRID TYPE. WHERE EXISTING FINISHES ARE DISTURBED ON PAINTED SURFACES, PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL / SOFFIT OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.
- (RC2)** PATCH SOFFIT WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES AS REQUIRED FROM DEMOLITION. CONTRACTOR TO PROVIDE LABOR AND MATERIALS FOR PAINTED AREAS. CONTRACTOR TO PROVIDE LABOR AND MATERIALS AT AREAS WITH WALL COVERING. WHERE EXISTING FINISHES ARE DISTURBED ON PAINTED SURFACES, PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE SOFFIT OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.
- (RC3)** REINSTALL CEILING TILE, GRID AND ANY MECHANICAL ITEMS AS REQUIRED FROM CONSTRUCTION. REPLACE ANY BROKEN, DAMAGED OR DIRTY ACT TILES AND CEILING GRID. COORDINATE WITH OWNER FOR ACT AND CEILING GRID TYPE. WHERE EXISTING FINISHES ARE DISTURBED ON PAINTED SURFACES, PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE WALL / SOFFIT OF EXISTING INTERIOR SPACES WHERE PATCHING OCCURS.
- (RC4)** MODIFY CEILING GRID AND TILE AS REQUIRED FROM CONSTRUCTION. SEE PLANS FOR ADDITIONAL INFORMATION

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



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

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Revisions:	Date:

CONSULTANT

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Anderson Engineering of Minnesota, LLC | Proj # 16090

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
PARTIAL THIRD LEVEL REFLECTED CEILING 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

Checked
Checker

Drawn
Author

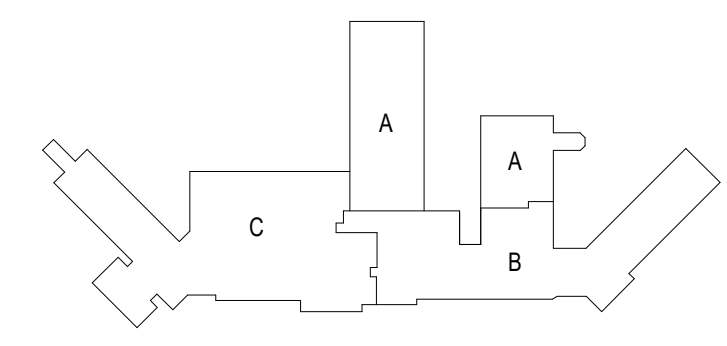
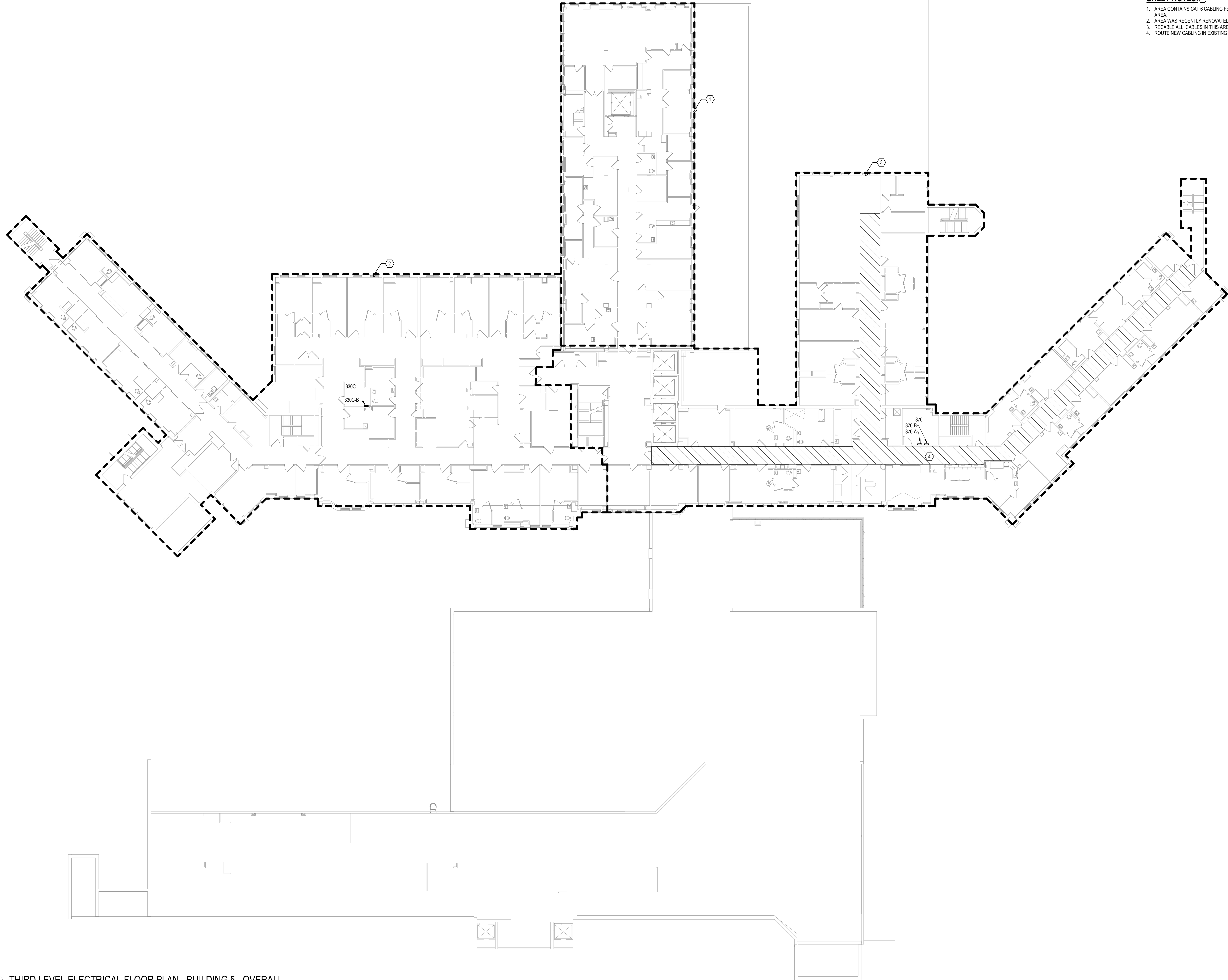
Project Number
438-20-910

Building Number
5

Drawing Number
AC131-05

SHEET NOTES:

1. AREA CONTAINS CAT 6 CABLING FED FROM ROOM 296C BELOW. NO RE-CABLING IS ANTICIPATED IN THIS AREA.
2. AREA WAS RECENTLY RENOVATED. NO RE-CABLING IS ANTICIPATED IN THIS AREA.
3. RE-CABLE ALL CABLES IN THIS AREA TO ROOM 370.
4. ROUTE NEW CABLING IN EXISTING CABLE TRAY IN THIS AREA.



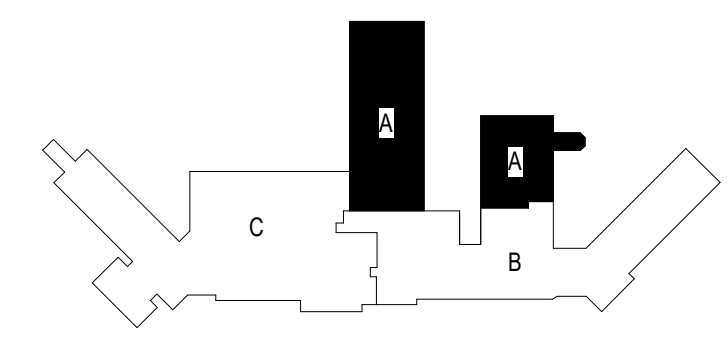
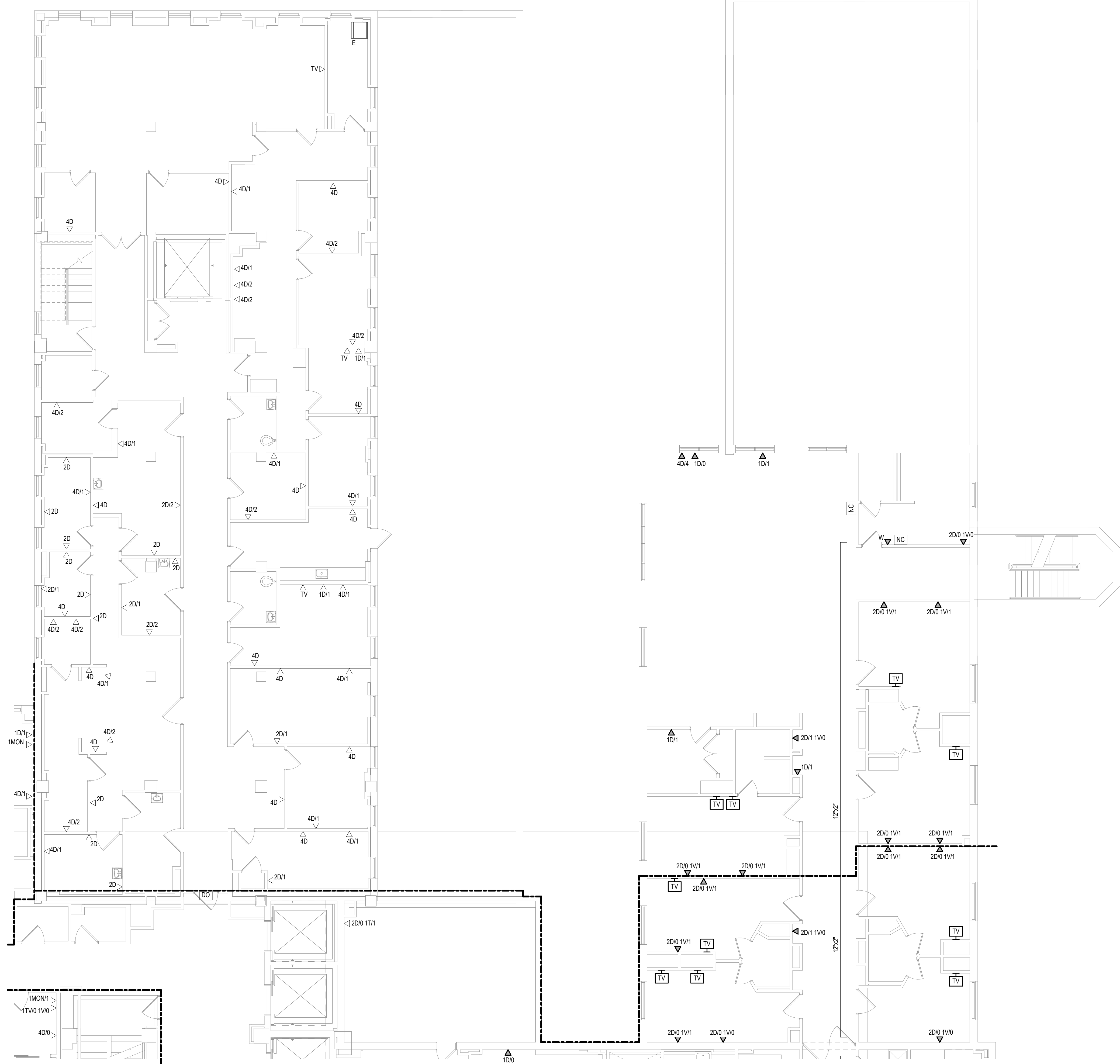
KEYPLAN

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

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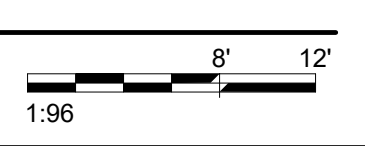
Revisions:	Date:

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	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title THIRD LEVEL OVERALL FLOOR PLAN - BUILDING 5	Phase BID DOCUMENTS	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910
				Approved:	Fully Sprinklered FULLY SPRINKLERED	Location Sioux Falls, SD	Issue Date 07/06/2021



KEYPLAN

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



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Revisions:	Date:

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STAMP



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

Office of Construction and Facilities Management



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

Approved: _____

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
07/06/2021

Checked
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Project Number
438-20-910

Building Number
5

Drawing Number
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