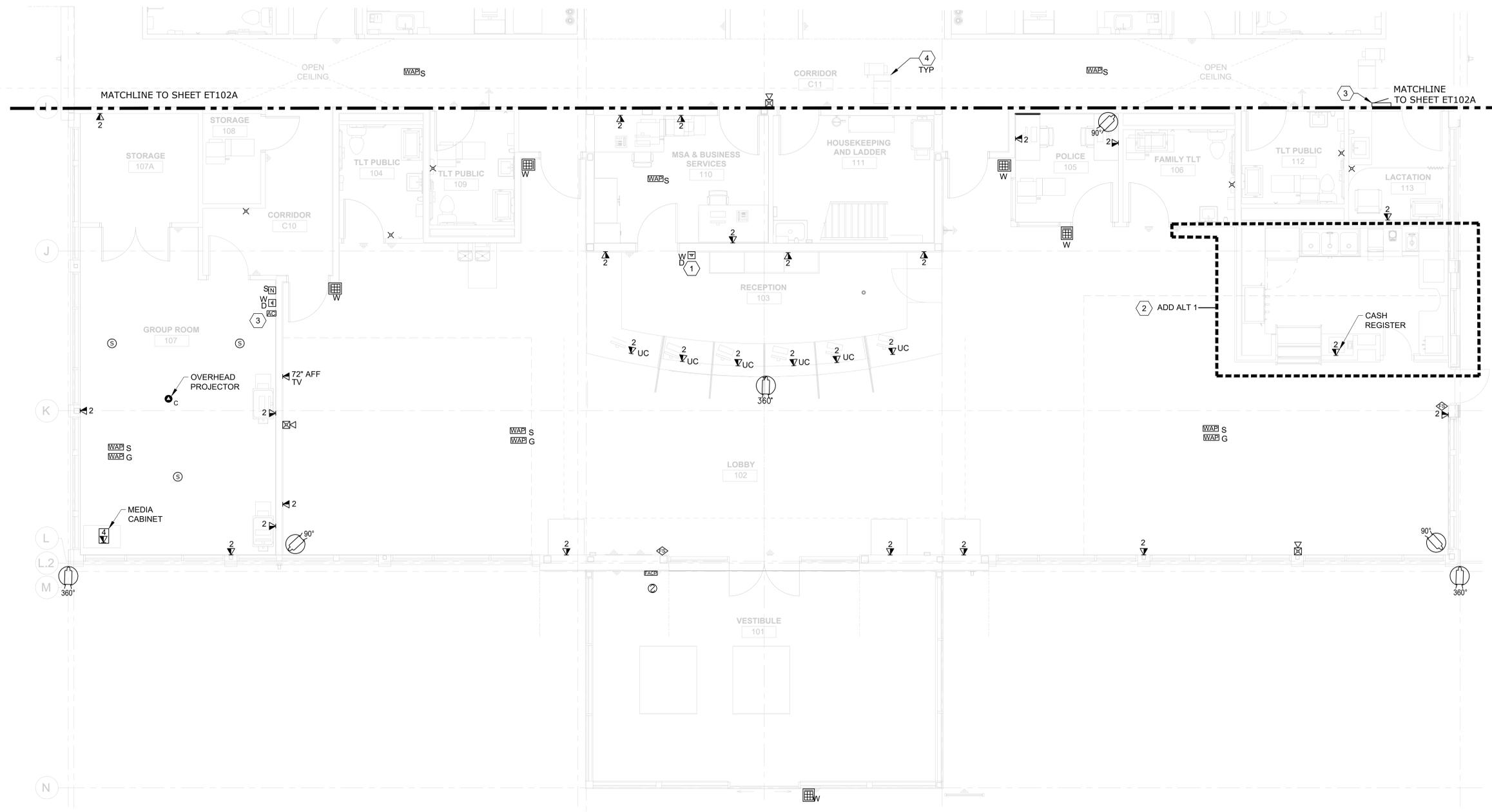


GENERAL SHEET NOTES

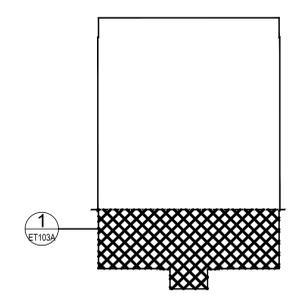
1. DATA CABLING SHALL ROUTE BACK TO OIT SERVER ROOM 171.
2. FIRE ALARM CABLING SHALL ROUTE TO FACP LOCATED IN VESTIBULE 101.
3. CONTRACTOR SHALL COORDINATE THERMOSTAT LOCATIONS WITH MECHANICAL CONTRACTOR AND PROVIDE CONDUIT, BOX AND PULL STRING.
4. COORDINATE FINAL FLOOR BOX LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

KEY NOTES (THIS SHEET ONLY)

- 1 PROVIDE PUSH BUTTON TO ELECTRONICALLY LOCK BUILDING FRONT ENTRANCE
- 2 COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT EQUIPMENT/DATA OUTLET PLACEMENTS.
- 3 AUDIO/VISUAL CONTROLLER AND INPUT DEVICE. PROVIDE COMPLETE AND FULLY FUNCTIONAL AUDIO SYSTEM. AUDIO SYSTEM SHALL INTEGRATE WITH OVERHEAD PROJECTOR AND SPEAKER SYSTEM. COORDINATE WITH A/V CONTRACTOR AND ARCHITECT FOR FINAL INSTALLATION LOCATIONS.
- 4 PROVIDE DATA CONNECTIONS TO VAV ACTUATOR AND VALVE FROM DDC CONTROLLER LOCATED IN ROOM 180. COORDINATE WITH MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

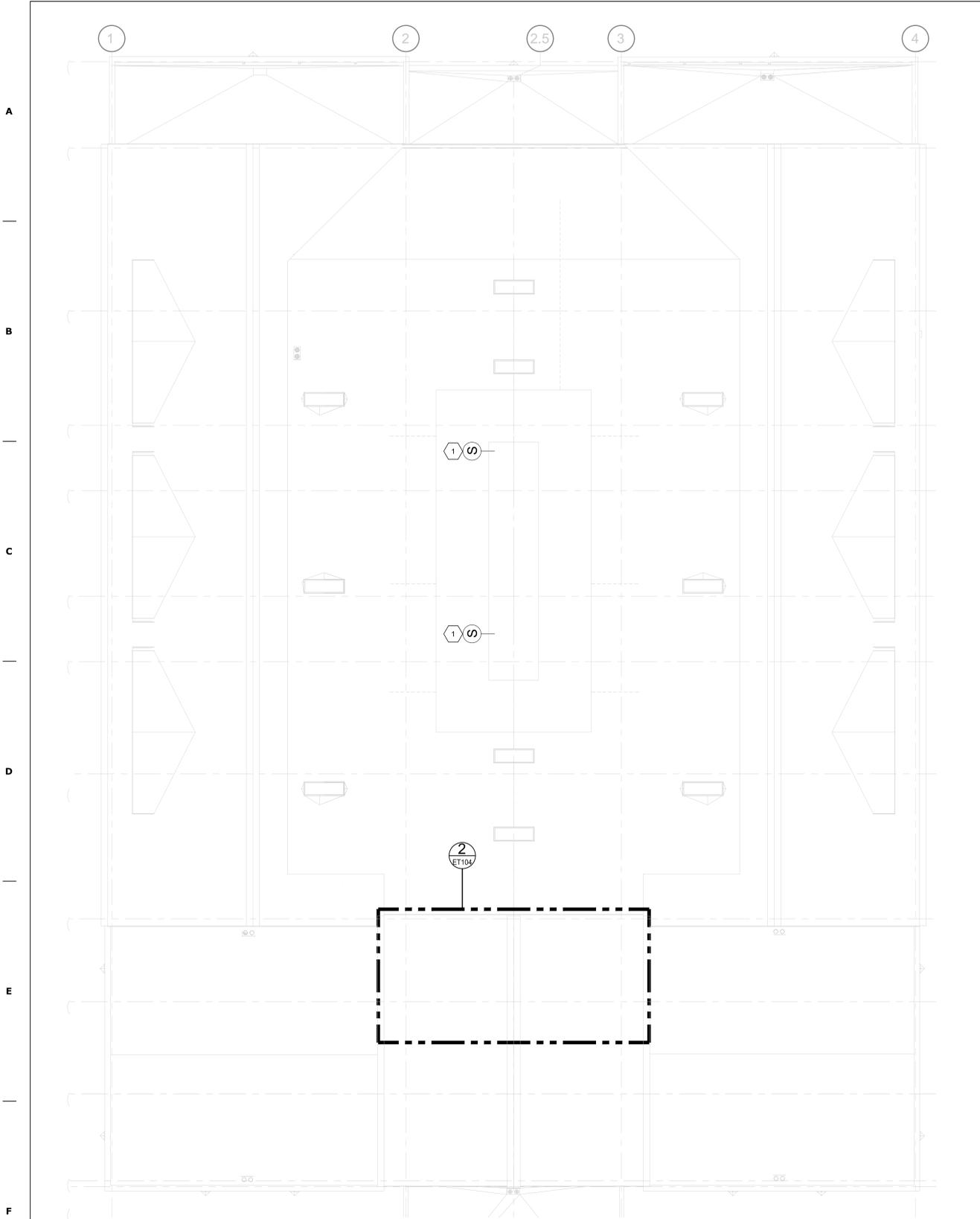


KEY PLAN

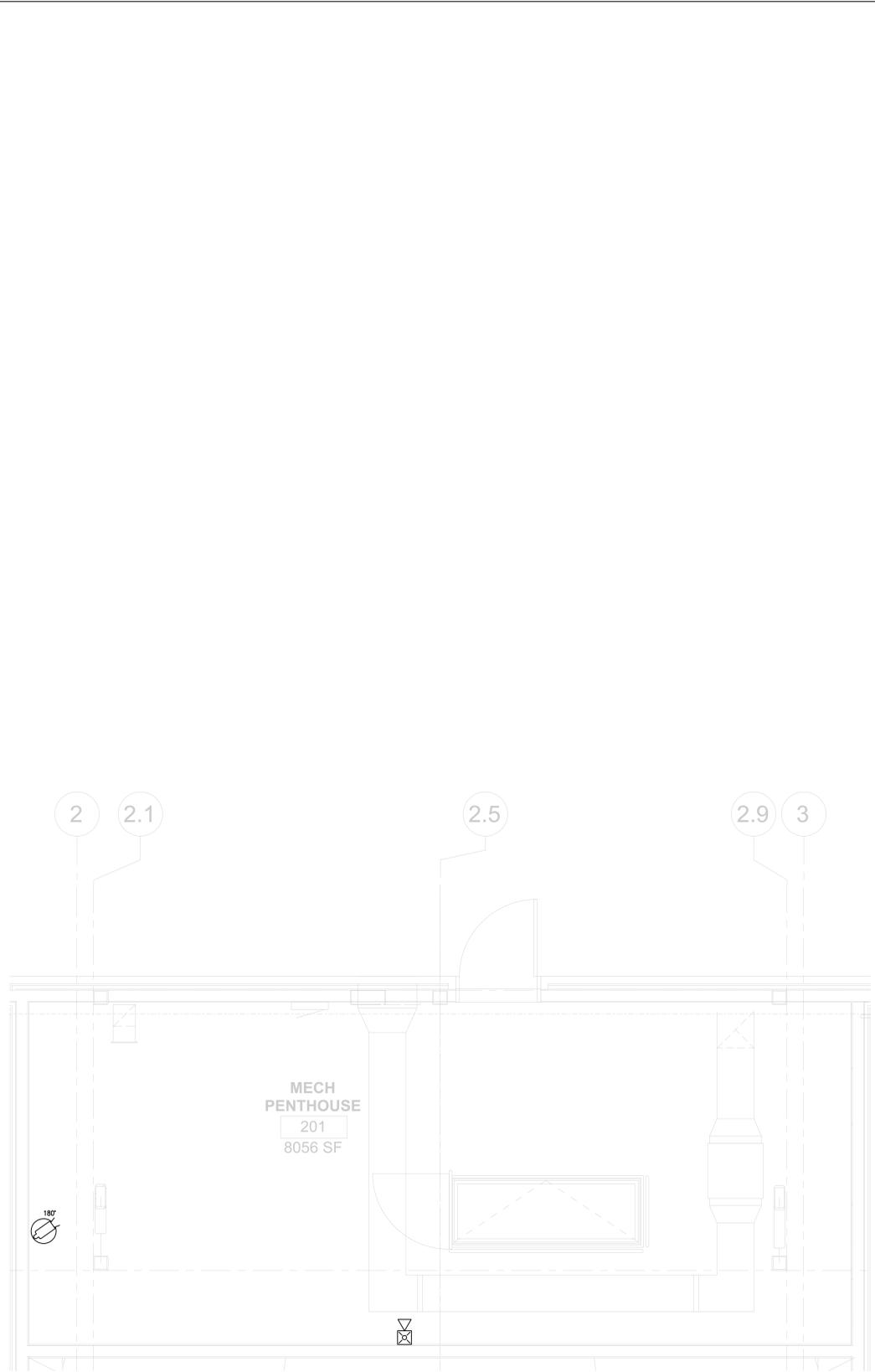


1 LEVEL 1 - SPECIAL SYSTEMS PLAN - WEST (ADD ALT #1)
 1/4" = 1'-0" PROJECT NORTH

Revisions:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number	
	Date:	A/E: SPEES DESIGN BUILD 625 1ST AVE #301 SEATTLE, WA, 98014 (206) 590 - 2118 RAY SPEES, PRESIDENT		VA U.S. Department of Veterans Affairs	LEVEL 1 - SPECIAL SYSTEMS PLAN - WEST (ADD ALT #1)	CONSTRUCTION DOCUMENTS	CONSTRUCT PRIMARY CARE / MENTAL HEALTH BUILDING	531-325	
					Approved: MEDICAL CENTER DIRECTOR		Location	Building Number	
					Approved: CHIEF, FACILITY MANAGEMENT SERVICE		BOISE VA MEDICAL CENTER - BOISE, ID	127	
							Issue Date	Checked	Drawn
							07/23/2021	LR / BJR	JPS / FEB
									Drawing Number
									ET103A
									183 OF 206



1 ROOF AND MECHANICAL PENTHOUSE - SPECIAL SYSTEMS PLAN
1/4" = 1'-0"



2 ENLARGED MECHANICAL PENTHOUSE - SPECIAL SYSTEMS PLAN
1/4" = 1'-0"

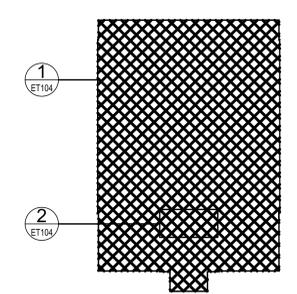
GENERAL SHEET NOTES

1. DATA CABLING SHALL ROUTE BACK TO OIT SERVER ROOM 171.
2. FIRE ALARM CABLING SHALL ROUTE TO FACP LOCATED IN VESTIBULE 101.
3. CONTRACTOR SHALL COORDINATE THERMOSTAT LOCATIONS WITH MECHANICAL CONTRACTOR AND PROVIDE CONDUIT, BOX AND PULL STRING.

KEY NOTES (THIS SHEET ONLY)

- 1 AHU-1 DUCT SMOKES PROVIDED ON BOTH SUPPLY AND RETURN. COORDINATE WITH MECHANICAL DRAWINGS AND AHU MANUFACTURER FOR EXACT LOCATIONS.

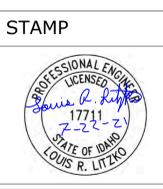
KEY PLAN



Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
 625 1ST AVE #301
 SEATTLE, WA, 98014
 (206) 590 - 2118
RAY SPEES, PRESIDENT



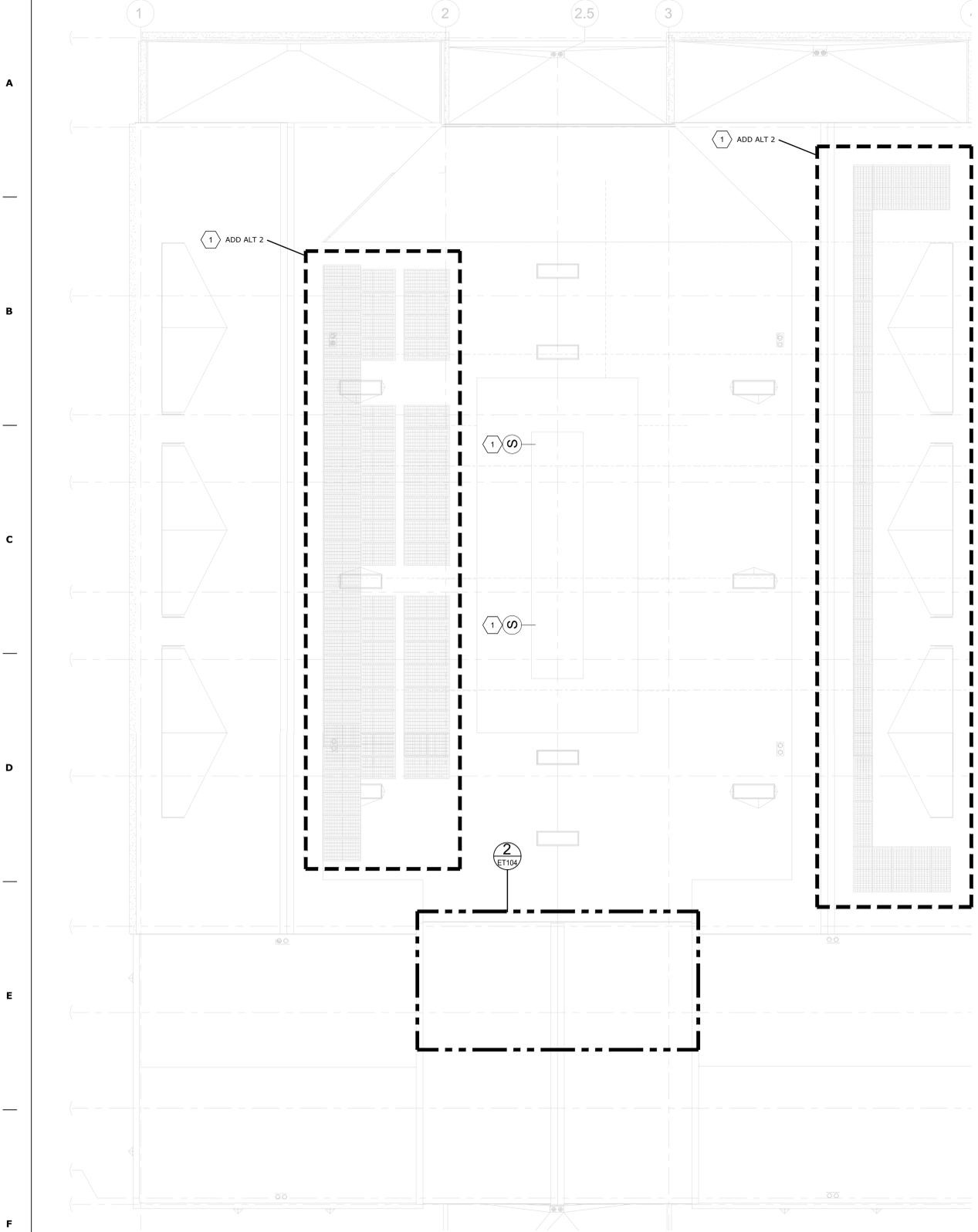
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
ROOF AND MECHANICAL PENTHOUSE - SPECIAL SYSTEMS PLANS
 Approved: Project Director
 Approved: CHIEF, FACILITY MANAGEMENT SERVICE

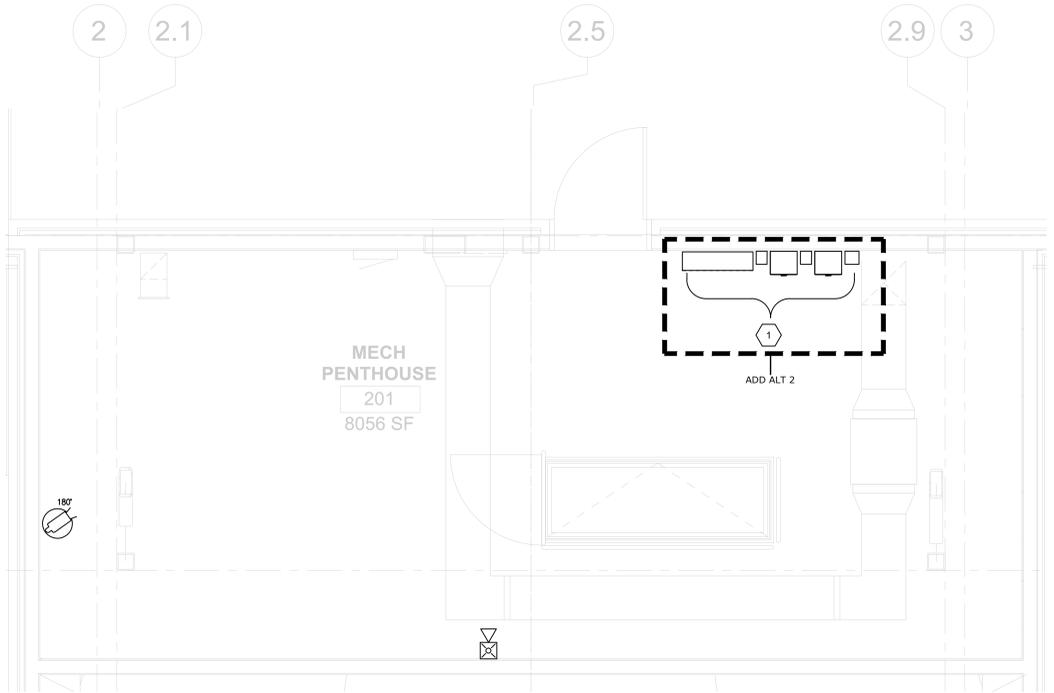
Phase
CONSTRUCTION DOCUMENTS

Project Title
CONSTRUCT PRIMARY CARE / MENTAL HEALTH BUILDING
 Location
 BOISE VA MEDICAL CENTER - BOISE, ID
 Issue Date
 07/23/2021
 Checked
 LRL/BJR
 Drawn
 JPS/FEB

Project Number
 531-325
 Building Number
 127
 Drawing Number
ET104
 184 OF 206



1 ROOF AND MECHANICAL PENTHOUSE - SPECIAL SYSTEMS PLAN
1/4" = 1'-0"



2 ENLARGED MECHANICAL PENTHOUSE - SPECIAL SYSTEMS PLAN
1/4" = 1'-0"

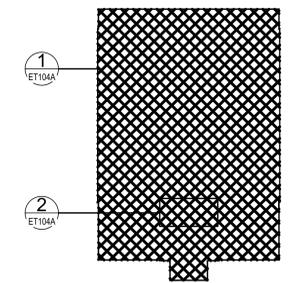
GENERAL SHEET NOTES

1. DATA CABELING SHALL ROUTE BACK TO OIT SERVER ROOM 171.
2. FIRE ALARM CABELING SHALL ROUTE TO FACP LOCATED IN VESTIBULE 101.
3. CONTRACTOR SHALL COORDINATE THERMOSTAT LOCATIONS WITH MECHANICAL CONTRACTOR AND PROVIDE CONDUIT, BOX AND PULL STRING

KEY NOTES (THIS SHEET ONLY)

1. SOLAR EQUIPMENT. COORDINATE WITH SOLAR DRAWINGS FOR DATA CONNECTION. DATA CONNECTION SHALL HOMERUN BACK TO OIT SERVER ROOM 171. PROVIDE CONNECTIONS AS REQUIRED. ALL SOLAR EQUIPMENT SHALL BE ADD ALT 2.
2. AHU-1 DUCT SMOKES PROVIDED ON BOTH SUPPLY AND RETURN. COORDINATE WITH MECHANICAL DRAWINGS AND AHU MANUFACTURER FOR EXACT LOCATIONS.

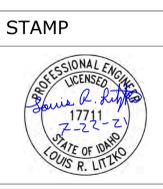
KEY PLAN



Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
 A/E:
SPEES DESIGN BUILD
 625 1ST AVE #301
 SEATTLE, WA, 98014
 (206) 590 - 2118
 RAY SPEES, PRESIDENT



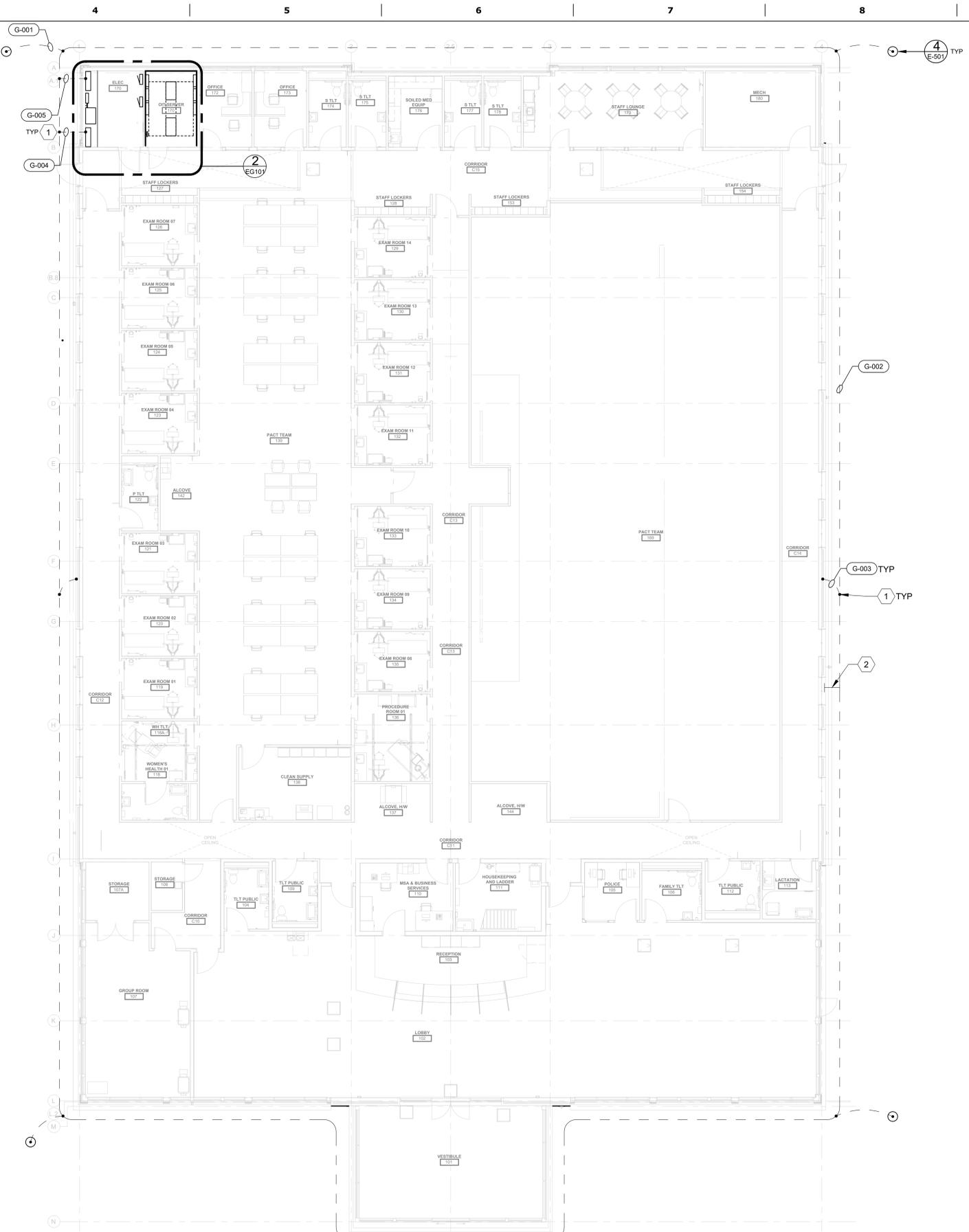
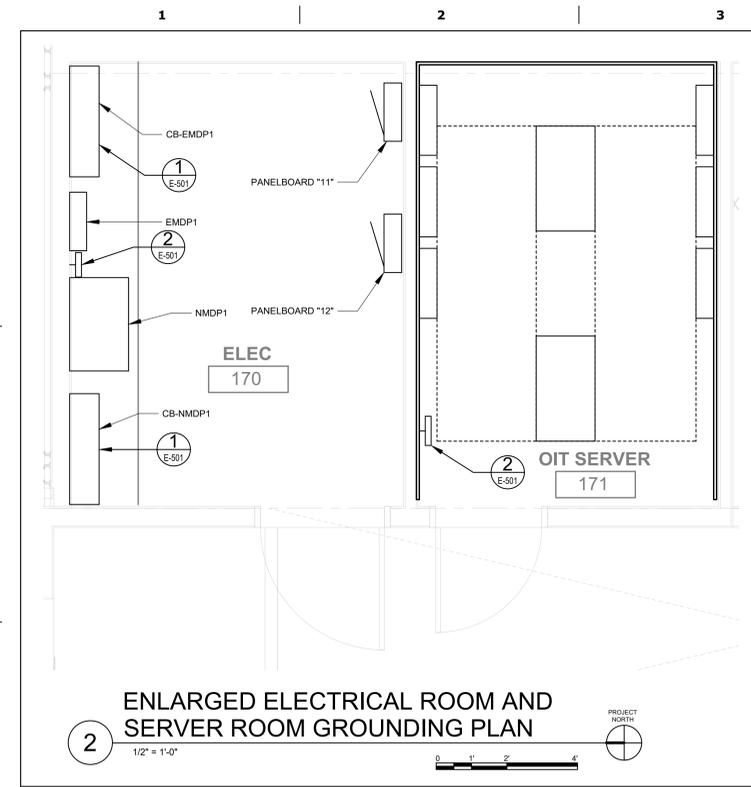
Office of Construction and Facilities Management
 U.S. Department of Veterans Affairs

Drawing Title
ROOF AND MECHANICAL PENTHOUSE - SPECIAL SYSTEMS PLANS (ADD ALT #2)
 Approved: MEDICAL CENTER DIRECTOR
 Approved: CHIEF, FACILITY MANAGEMENT SERVICE

Phase
CONSTRUCTION DOCUMENTS

Project Title
CONSTRUCT PRIMARY CARE / MENTAL HEALTH BUILDING
 Location
 BOISE VA MEDICAL CENTER - BOISE, ID
 Issue Date
 07/23/2021
 Checked
 LRL / BJR
 Drawn
 JPS / FEB

Project Number
 531-325
 Building Number
 127
 Drawing Number
ET104A
 185 OF 206



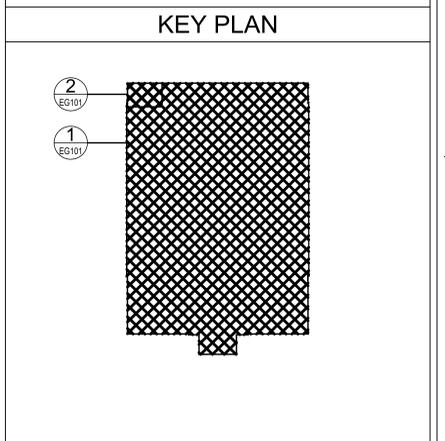
GENERAL SHEET NOTES

1. GROUND RING DEPTH SHALL BE 30" MINIMUM.

KEY NOTES (THIS SHEET ONLY)

1. GROUND RING SHALL BE BONDED TO BUILDING STEEL WITH UL LISTED EXOTHERMIC GROUND BOND OR EQUAL.

2. GROUND RING SPACING FROM FOUNDATION STEM WALL SHALL BE 3'0".



1 LEVEL 1 - OVERALL GROUNDING PLAN
1/8" = 1'-0"

PROJECT NORTH

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

A/E:
SPEES DESIGN BUILD
625 1ST AVE #301
SEATTLE, WA, 98014
(206) 590 - 2118
RAY SPEES, PRESIDENT

STAMP

Office of
Construction
and Facilities
Management

Drawing Title
LEVEL 1 - OVERALL
GROUNDING PLAN

Approved: MEDICAL CENTER DIRECTOR

Approved: CHIEF, FACILITY MANAGEMENT SERVICE

Phase
CONSTRUCTION
DOCUMENTS

Project Title
CONSTRUCT PRIMARY
CARE / MENTAL HEALTH
BUILDING

Location
BOISE VA MEDICAL CENTER - BOISE, ID

Issue Date
07/23/2021

Checked
LRL / BJR

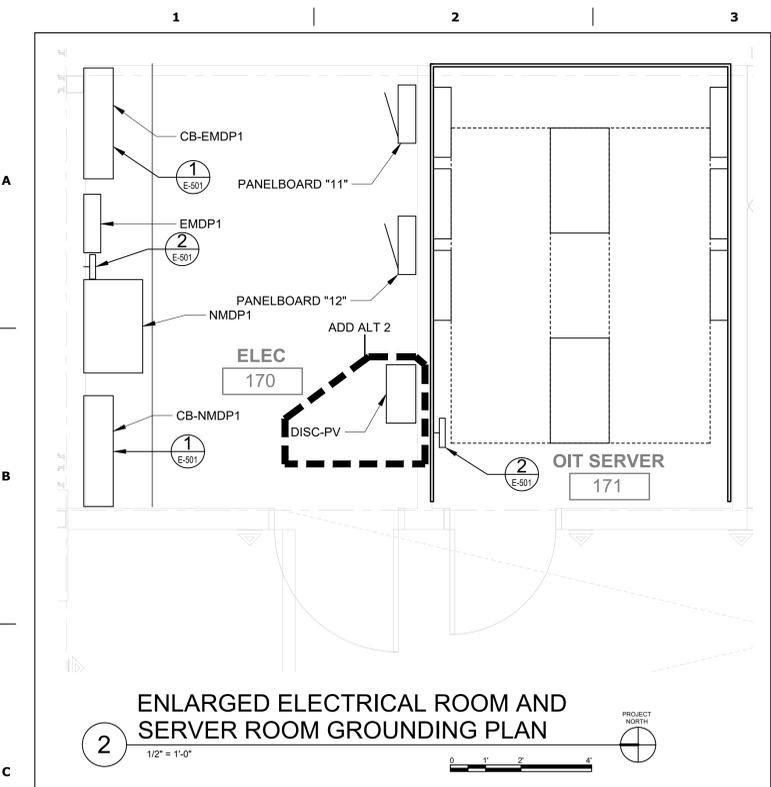
Drawn
JPS / FEB

Project Number
531-325

Building Number
127

Drawing Number
EG101

186 OF 206

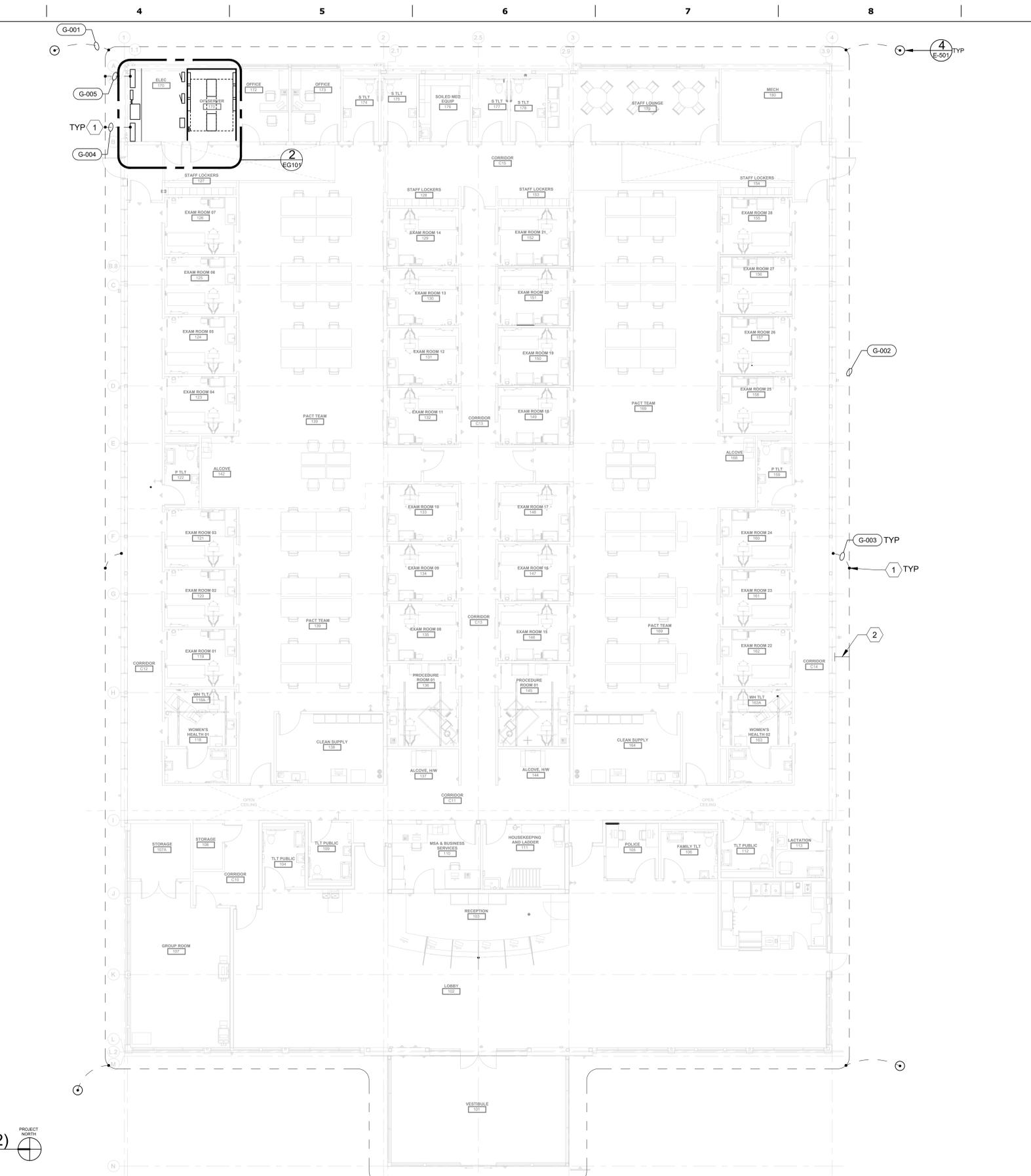


2 ENLARGED ELECTRICAL ROOM AND SERVER ROOM GROUNDING PLAN
 1/2" = 1'-0"
 PROJECT NORTH



1 LEVEL 1 - OVERALL GROUNDING PLAN (ADD ALT #2)
 1/8" = 1'-0"
 PROJECT NORTH

Revisions:	Date:



CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
	A/E: SPEES DESIGN BUILD 625 1ST AVE #301 SEATTLE, WA, 98014 (206) 590 - 2118 RAY SPEES, PRESIDENT		VA U.S. Department of Veterans Affairs	LEVEL 1 - OVERALL GROUNDING PLAN (ADD ALT #2)	CONSTRUCTION DOCUMENTS	CONSTRUCT PRIMARY CARE / MENTAL HEALTH BUILDING	531-325
				Approved: MEDICAL CENTER DIRECTOR		BOISE VA MEDICAL CENTER - BOISE, ID	Building Number 127
				Approved: CHIEF, FACILITY MANAGEMENT SERVICE		Issue Date	Drawing Number
						07/23/2021	EG101A
						Checked	187 OF 206
						LR / BJR	
						Drawn	
						JPS / FEB	

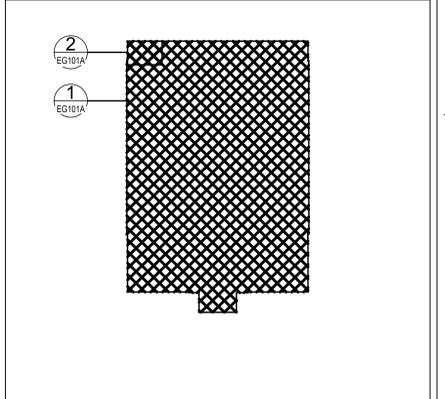
GENERAL SHEET NOTES

1. GROUND RING DEPTH SHALL BE 30" MINIMUM.

KEY NOTES (THIS SHEET ONLY)

- 1 GROUND RING SHALL BE BONDED TO BUILDING STEEL WITH UL LISTED EXOTHERMIC GROUND BOND OR EQUAL.
- 2 GROUND RING SPACING FROM FOUNDATION STEM WALL SHALL BE 30".

KEY PLAN



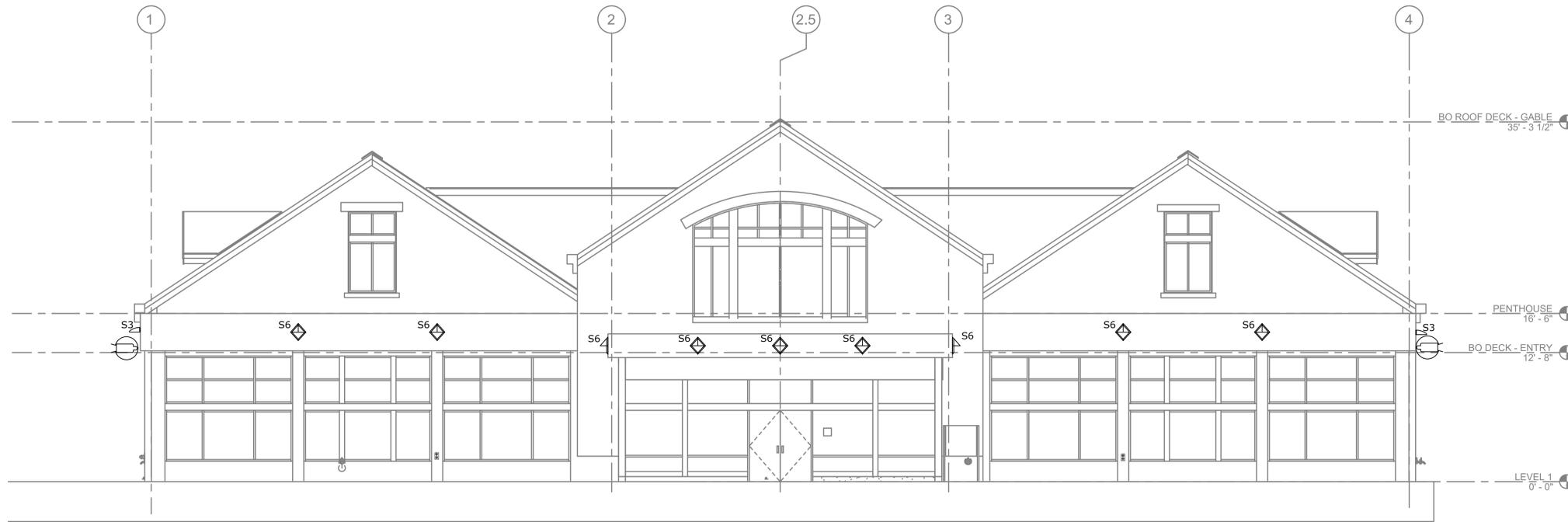
GENERAL SHEET NOTES

- EXTERIOR ELEVATIONS ARE FOR GENERAL PLACEMENT LOCATIONS OF LIGHT FIXTURES AND SECURITY CAMERAS. CONTRACTOR SHALL COORDINATE FINAL LOCATIONS WITH ARCHITECTURAL ELEVATIONS.

A

B

C

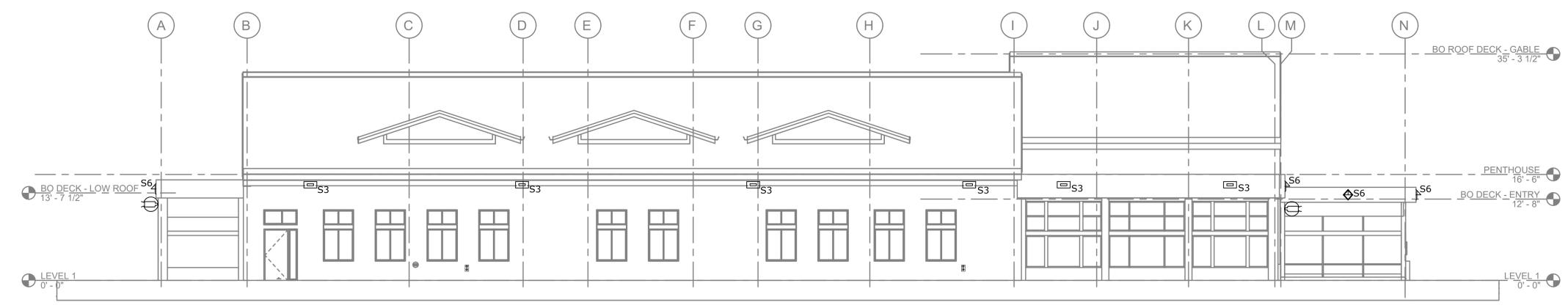


1 WEST EXTERIOR ELEVATION
3/16" = 1'-0"
0 4 8 12

D

E

F

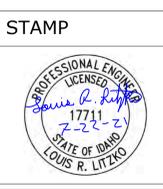


2 NORTH EXTERIOR ELEVATION
3/16" = 1'-0"
0 4 8 12

Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
A/E:
SPEES DESIGN BUILD
625 1ST AVE #301
SEATTLE, WA, 98014
(206) 590 - 2118
RAY SPEES, PRESIDENT



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

Drawing Title
EXTERIOR ELEVATIONS
Approved: MEDICAL CENTER DIRECTOR
Approved: CHIEF, FACILITY MANAGEMENT SERVICE

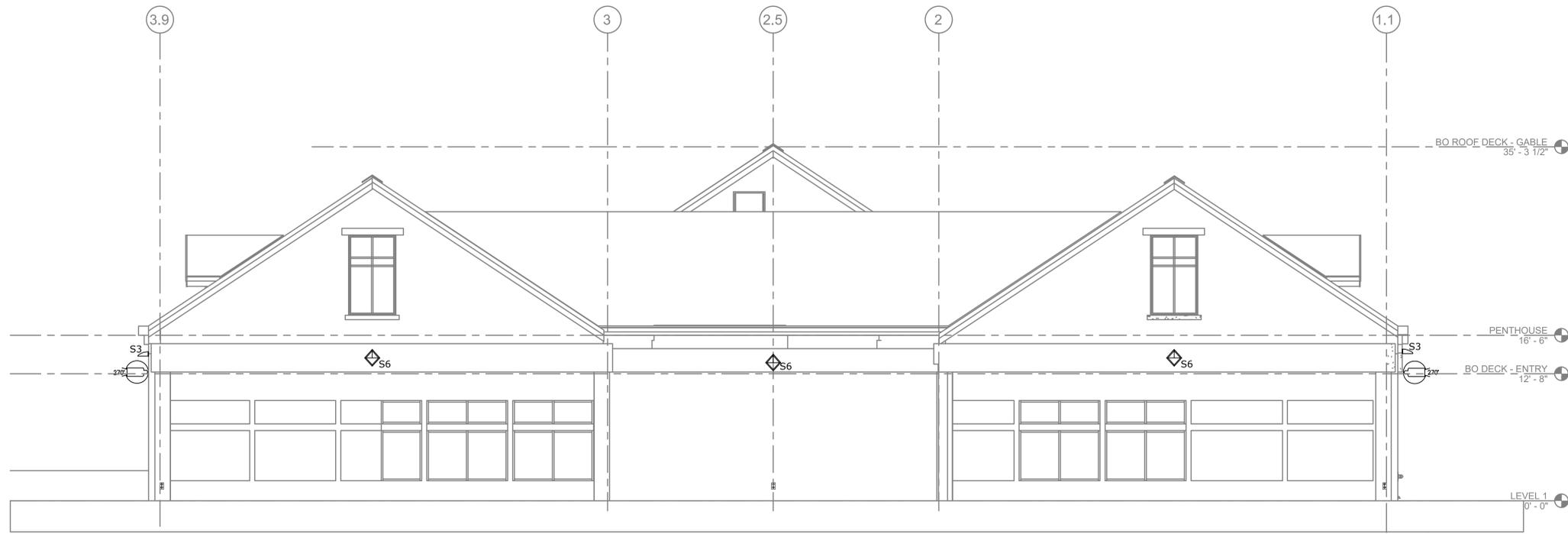
Phase
CONSTRUCTION DOCUMENTS

Project Title
CONSTRUCT PRIMARY CARE / MENTAL HEALTH BUILDING
Location
BOISE VA MEDICAL CENTER - BOISE, ID
Issue Date
07/23/2021
Checked
LRL / BJR
Drawn
JPS / FEB

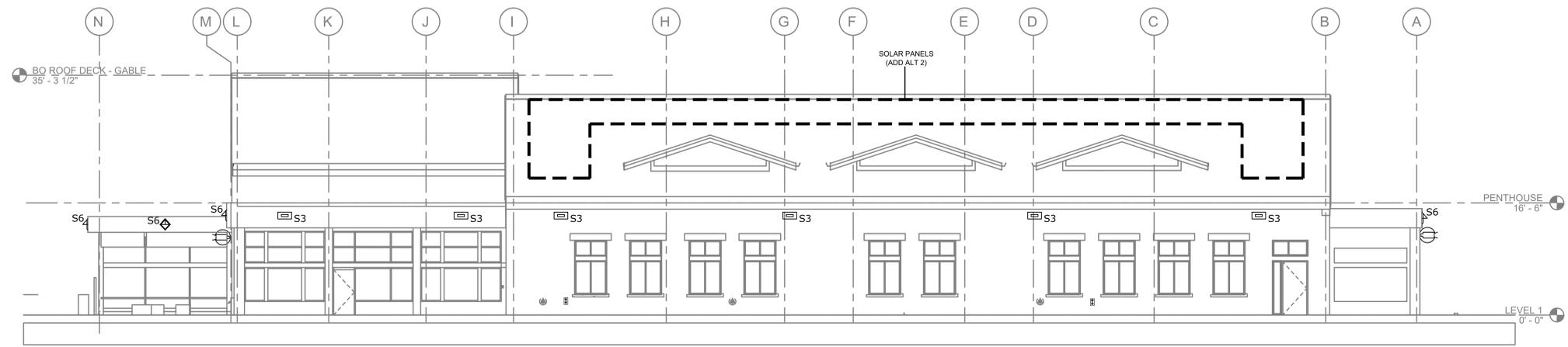
Project Number
531-325
Building Number
127
Drawing Number
E-201
188 OF 206

GENERAL SHEET NOTES

- EXTERIOR ELEVATIONS ARE FOR GENERAL PLACEMENT LOCATIONS OF LIGHT FIXTURES AND SECURITY CAMERAS. CONTRACTOR SHALL COORDINATE FINAL LOCATIONS WITH ARCHITECTURAL ELEVATIONS.



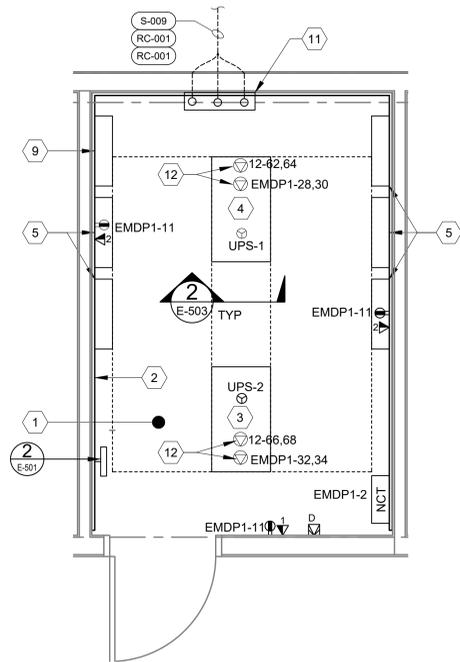
1 EAST EXTERIOR ELEVATION
3/16" = 1'-0"
0 4 8 12



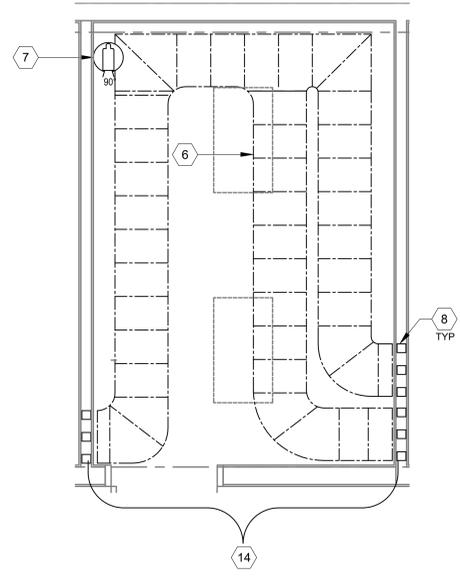
2 SOUTH EXTERIOR ELEVATION
3/16" = 1'-0"
0 4 8 12

Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
			A/E: SPEES DESIGN BUILD 625 1ST AVE #301 SEATTLE, WA, 98014 (206) 590 - 2118 RAY SPEES, PRESIDENT		VA U.S. Department of Veterans Affairs	EXTERIOR ELEVATIONS	CONSTRUCTION DOCUMENTS	CONSTRUCT PRIMARY CARE / MENTAL HEALTH BUILDING	531-325
						Approved: MEDICAL CENTER DIRECTOR		Location	Building Number
						Approved: CHIEF, FACILITY MANAGEMENT SERVICE		BOISE VA MEDICAL CENTER - BOISE, ID	127
								Issue Date	Drawing Number
								07/23/2021	E-202
								Checked	189 OF 206
								LRL / BJR	
								JPS / FEB	

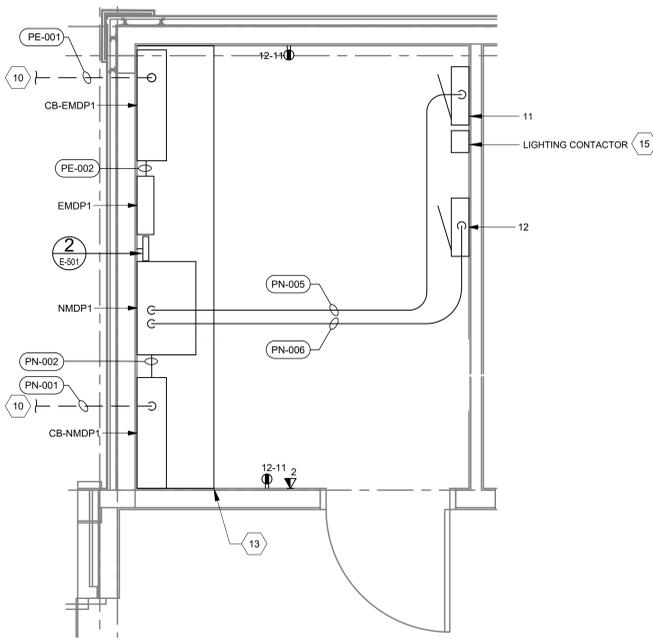
A
B
C
D
E
F



1 ENLARGED OIT SERVER 171 ROOM ELECTRICAL PLAN
1/2" = 1'-0" PROJECT NORTH



2 ENLARGED COMC1 OIT SERVER ROOM 171 SPECIAL SYSTEMS FLOOR PLAN
1/2" = 1'-0" PROJECT NORTH



3 ENLARGED ELEC 170 ROOM FLOOR PLAN
1/2" = 1'-0" PROJECT NORTH

4 NOT USED
1/2" = 1'-0"

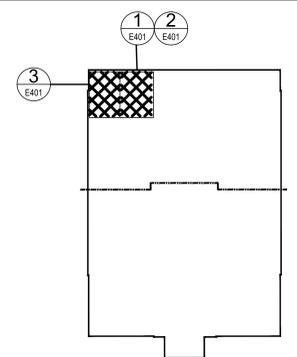
GENERAL SHEET NOTES

- OIT SWITCHES & PATCH CABLES WILL BE VA FURNISHED, VA INSTALLED.
- NOT ALL CONDUIT MAY BE SHOWN FOR CLARITY. REFERENCE CONDUIT AND WIRE SCHEDULE ON SHEET E-603 FOR ADDITIONAL INFORMATION.

KEY NOTES (THIS SHEET ONLY)

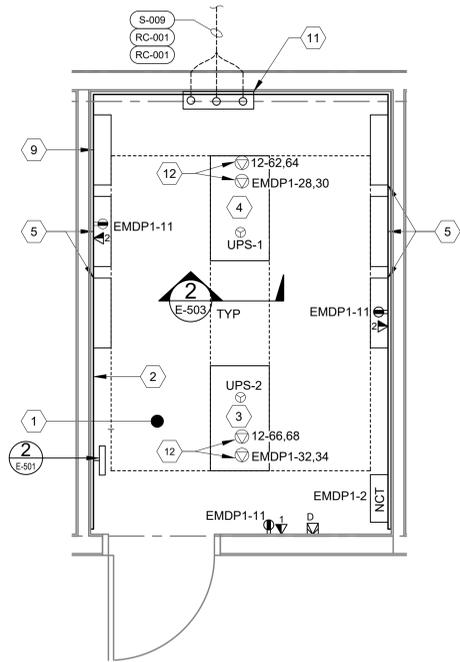
- ALL RECEPTACLES AND EQUIPMENT IN ROOM 'OIT SERVER 171' SHALL BE CONNECTED TO UPS POWER, AND THE UPS EQUIPMENT CONNECTED TO THE CRITICAL BRANCH OF THE ESSENTIAL ELECTRICAL SYSTEM.
- PAINTED 3/4" FIRE RETARDANT PLYWOOD BACKBOARD 'TB-1'. SEE DETAIL 6 ON E-502.
- OIT SPECIAL SYSTEMS RACK IN LOCKABLE ENCLOSURE.
- FACILITY MANAGEMENT SERVICE SYSTEMS RACK IN LOCKABLE ENCLOSURE.
- SPECIAL SYSTEMS EQUIPMENT, COORDINATE WITH VA FOR FINAL LOCATION.
- CABLE TRAY SHALL BE MOUNTED SUCH THAT BOTTOM OF TRAY IS 6" ABOVE TOP OF RACK OR CABINET.
- CAMERA SUSPENDED BELOW CABLE TRAY.
- RE-USABLE PENETRATION FIRESTOPPING SYSTEM. TYPE AND SIZE AS REQUIRED TO MATCH CABLE TRAY. EASY PATH OR APPROVED EQUAL.
- LEVTRON PATCH PANEL.
- CONTINUED ON SHEET ES101.
- WALL MOUNT FIBER PATCH PANEL
- TWIST LOCK, 30A, 208V RECEPTACLES. MOUNT RECEPTACLES ABOVE TELECOM RACKS; COORDINATE INSTALLATION WITH RACKS & CABLE TRAY AS REQUIRED.
- HOUSE KEEPING PAD, CONCRETE, 3-1/2" THICK, CHAMFERED EDGE.
- CONTRACTOR SHALL COORDINATE ALL DATA CABLING ROUTING TO AVOID HIGH CEILING AREAS. REFERENCE DRAWING ET101 FOR ADDITIONAL INFORMATION.
- LIGHTING CONTACTOR, 4-POLE, 30A, 120V CONTACTOR, NEMA 1 ENCLOSURE. CONTACTOR SHALL BE CONTROLLED VIA PHOTOCELL LOCATED ON ROOF. REFERENCE DRAWING EL104 FOR ADDITIONAL INFORMATION.

KEY PLAN

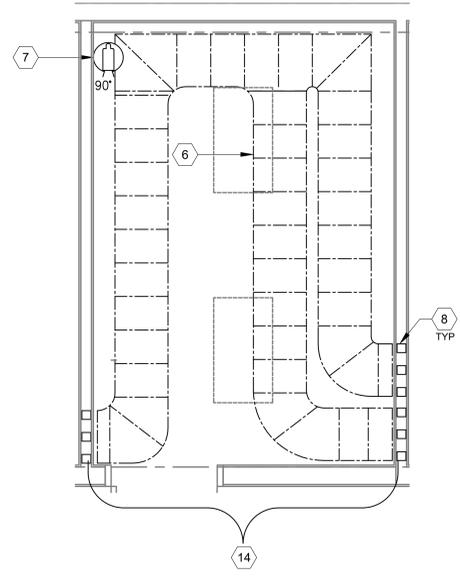


Revisions:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
		A/E: SPEES DESIGN BUILD 625 1ST AVE #301 SEATTLE, WA, 98014 (206) 590 - 2118 RAY SPEES, PRESIDENT		VA U.S. Department of Veterans Affairs	ENLARGED PLANS	CONSTRUCTION DOCUMENTS	CONSTRUCT PRIMARY CARE / MENTAL HEALTH BUILDING	531-325
		Date:			Approved: MEDICAL CENTER DIRECTOR		BOISE VA MEDICAL CENTER - BOISE, ID	Building Number 127
					Approved: CHIEF, FACILITY MANAGEMENT SERVICE		Issue Date 07/23/2021	Checked LRL / BJR
							Drawing Number E-401	190 OF 206

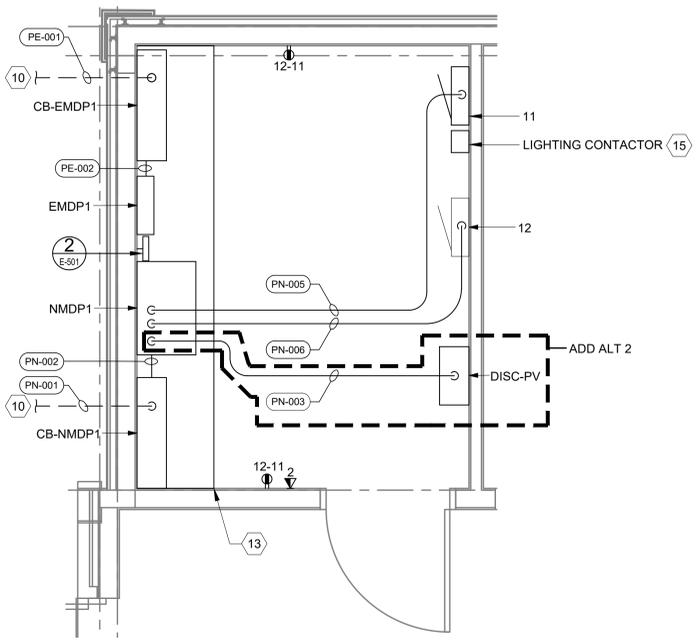
A
B
C
D
E
F



1 ENLARGED OIT SERVER 171 ROOM ELECTRICAL PLAN
1/2" = 1'-0"



2 ENLARGED COMC1 OIT SERVER ROOM 171 SPECIAL SYSTEMS FLOOR PLAN
1/2" = 1'-0"



3 ENLARGED ELEC 170 ROOM FLOOR PLAN (ADD ALT #2)
1/2" = 1'-0"

4 NOT USED
1/2" = 1'-0"

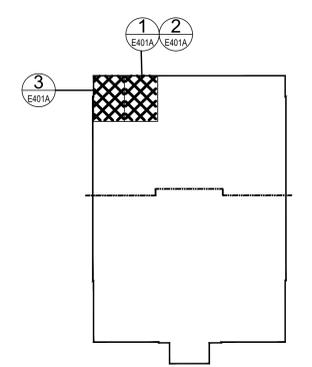
GENERAL SHEET NOTES

- OIT SWITCHES & PATCH CABLES WILL BE VA FURNISHED, VA INSTALLED.
- NOT ALL CONDUIT MAY BE SHOWN FOR CLARITY. REFERENCE CONDUIT AND WIRE SCHEDULE ON SHEET E-603 FOR ADDITIONAL INFORMATION.

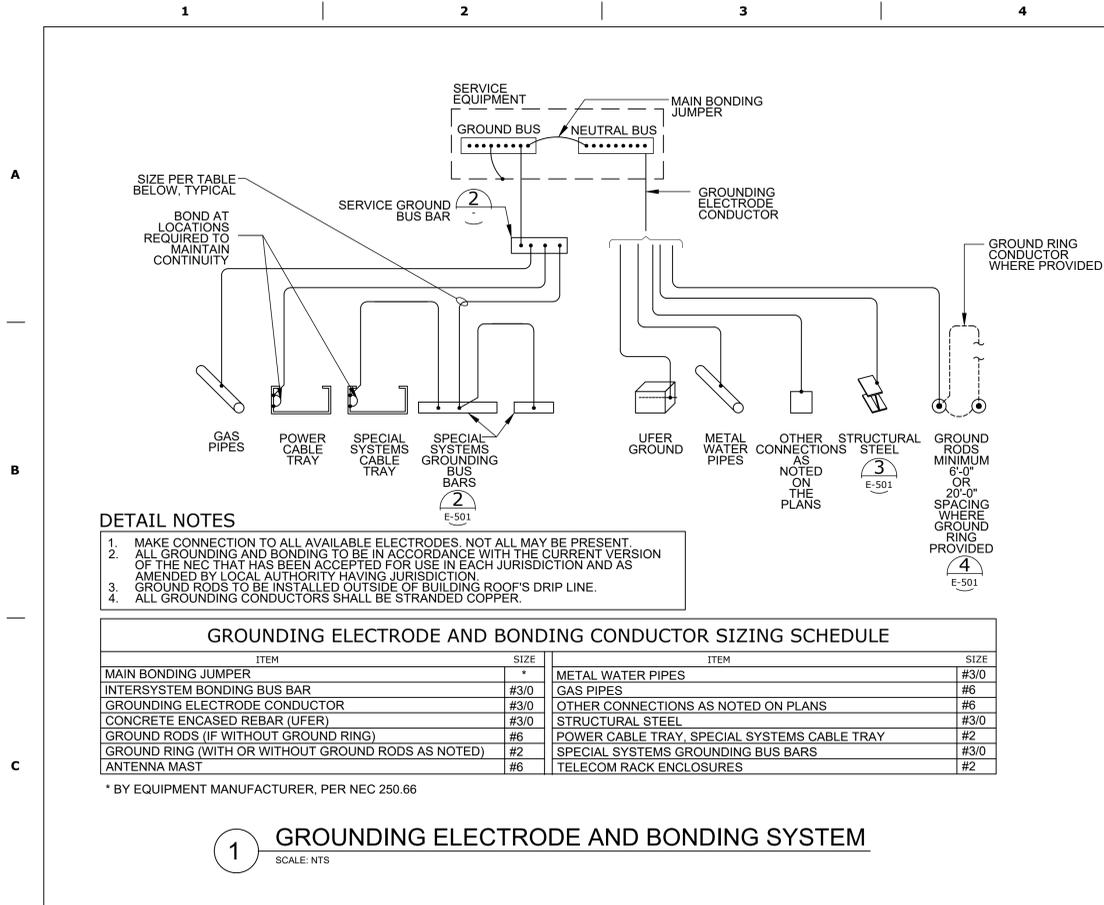
KEY NOTES (THIS SHEET ONLY)

- ALL RECEPTACLES AND EQUIPMENT IN ROOM 'OIT SERVER 171' SHALL BE CONNECTED TO UPS POWER, AND THE UPS EQUIPMENT CONNECTED TO THE CRITICAL BRANCH OF THE ESSENTIAL ELECTRICAL SYSTEM.
- PAINTED 3/4" FIRE RETARDANT PLYWOOD BACKBOARD 'TB-1'. SEE DETAIL 6 ON E-502.
- OIT SPECIAL SYSTEMS RACK IN LOCKABLE ENCLOSURE.
- FACILITY MANAGEMENT SERVICE SYSTEMS RACK IN LOCKABLE ENCLOSURE.
- SPECIAL SYSTEMS EQUIPMENT, COORDINATE WITH VA FOR FINAL LOCATION.
- CABLE TRAY SHALL BE MOUNTED SUCH THAT BOTTOM OF TRAY IS 6" ABOVE TOP OF RACK OR CABINET.
- CAMERA SUSPENDED BELOW CABLE TRAY.
- RE-USABLE PENETRATION FIRESTOPPING SYSTEM. TYPE AND SIZE AS REQUIRED TO MATCH CABLE TRAY. EASY PATH OR APPROVED EQUAL.
- LEVTRON PATCH PANEL.
- CONTINUED ON SHEET ES101.
- WALL MOUNT FIBER PATCH PANEL.
- TWIST LOCK, 30A, 208V RECEPTACLES. MOUNT RECEPTACLES ABOVE TELECOM RACKS; COORDINATE INSTALLATION WITH RACKS & CABLE TRAY AS REQUIRED.
- HOUSE KEEPING PAD, CONCRETE, 3-1/2" THICK, CHAMFERED EDGE.
- CONTRACTOR SHALL COORDINATE ALL DATA CABLING ROUTING TO AVOID HIGH CEILING AREAS. REFERENCE DRAWING ET101 FOR ADDITIONAL INFORMATION.
- LIGHTING CONTACTOR, 4-POLE, 30A, 120V CONTACTOR, NEMA 1 ENCLOSURE. CONTACTOR SHALL BE CONTROLLED VIA PHOTOCELL LOCATED ON ROOF. REFERENCE DRAWING EL104 FOR ADDITIONAL INFORMATION.

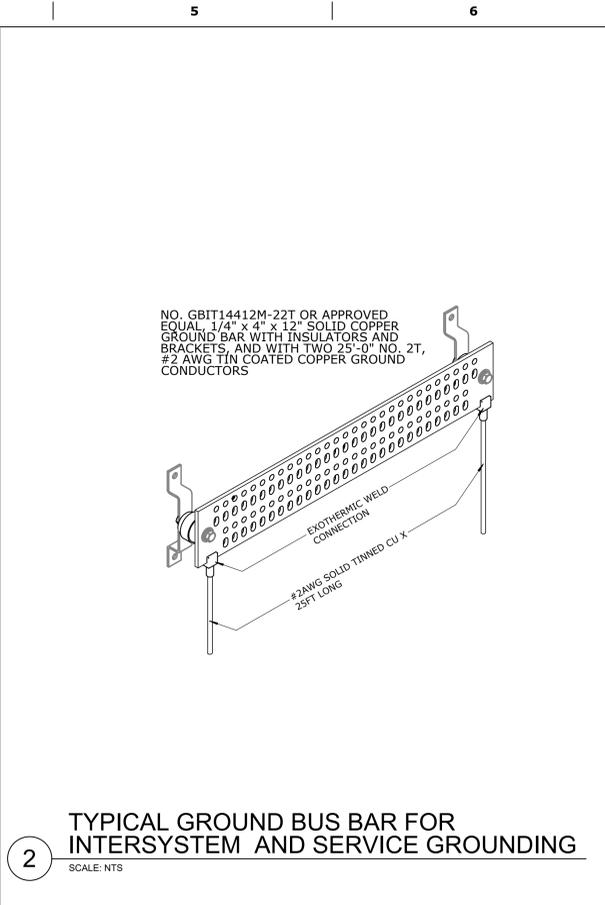
KEY PLAN



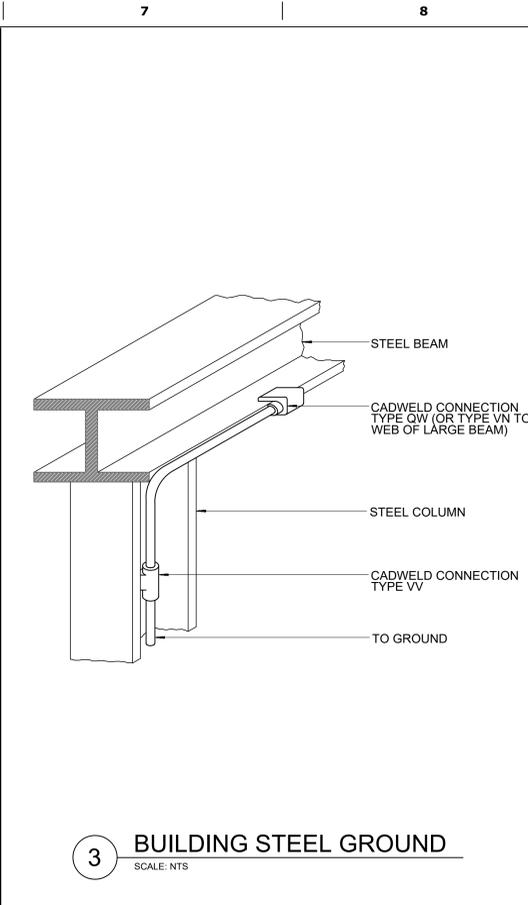
Revisions:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number	
		A/E: SPEES DESIGN BUILD 625 1ST AVE #301 SEATTLE, WA, 98014 (206) 590 - 2118 RAY SPEES, PRESIDENT		U.S. Department of Veterans Affairs	ENLARGED PLANS (ADD ALT #2)	CONSTRUCTION DOCUMENTS	CONSTRUCT PRIMARY CARE / MENTAL HEALTH BUILDING	531-325	
					Approved: MEDICAL CENTER DIRECTOR		BOISE VA MEDICAL CENTER - BOISE, ID	Building Number 127	
	Date:				Approved: CHIEF, FACILITY MANAGEMENT SERVICE		Issue Date	Checked	Drawn
							07/23/2021	LRL / BJR	JPS / FEB
									Drawing Number E-401A
									191 OF 206



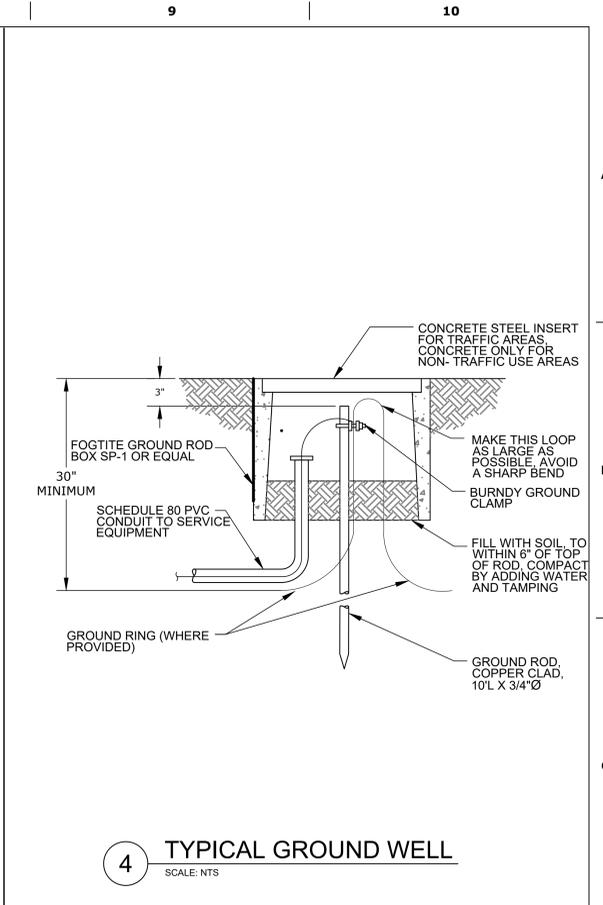
1 GROUNDING ELECTRODE AND BONDING SYSTEM
SCALE: NTS



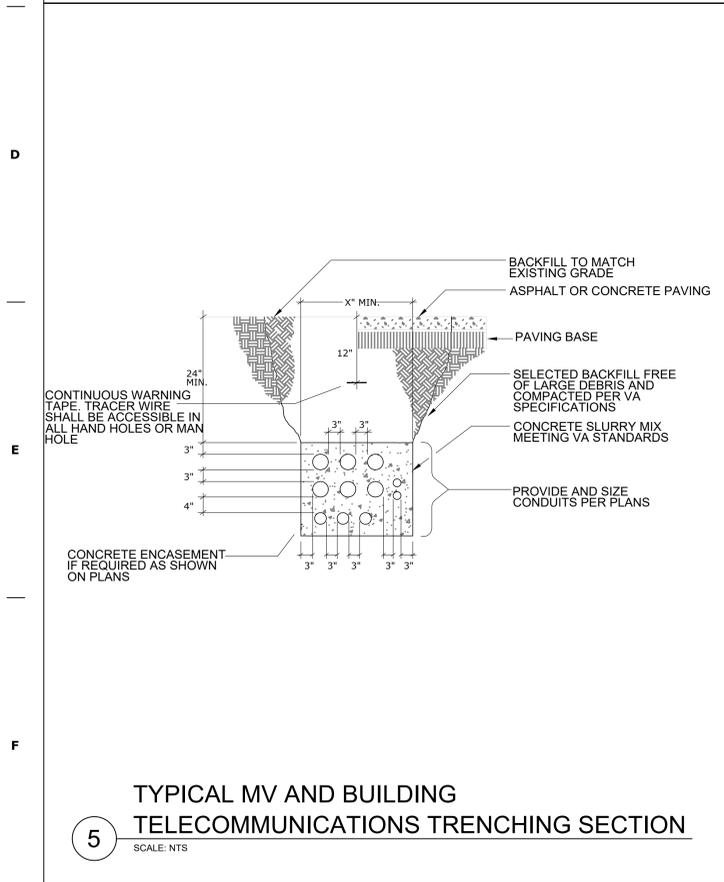
2 TYPICAL GROUND BUS BAR FOR INTERSYSTEM AND SERVICE GROUNDING
SCALE: NTS



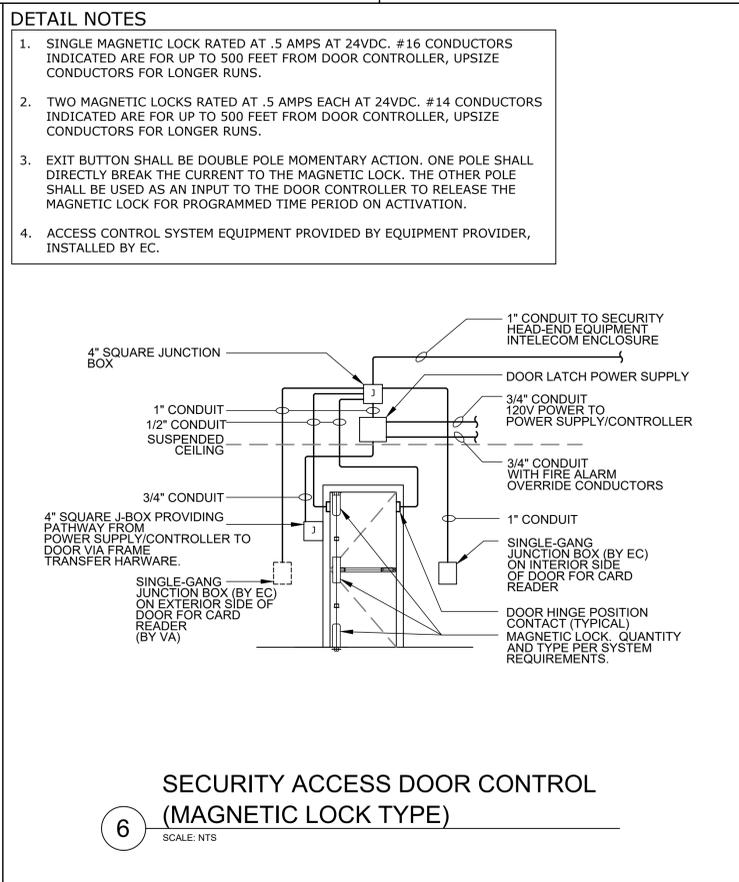
3 BUILDING STEEL GROUND
SCALE: NTS



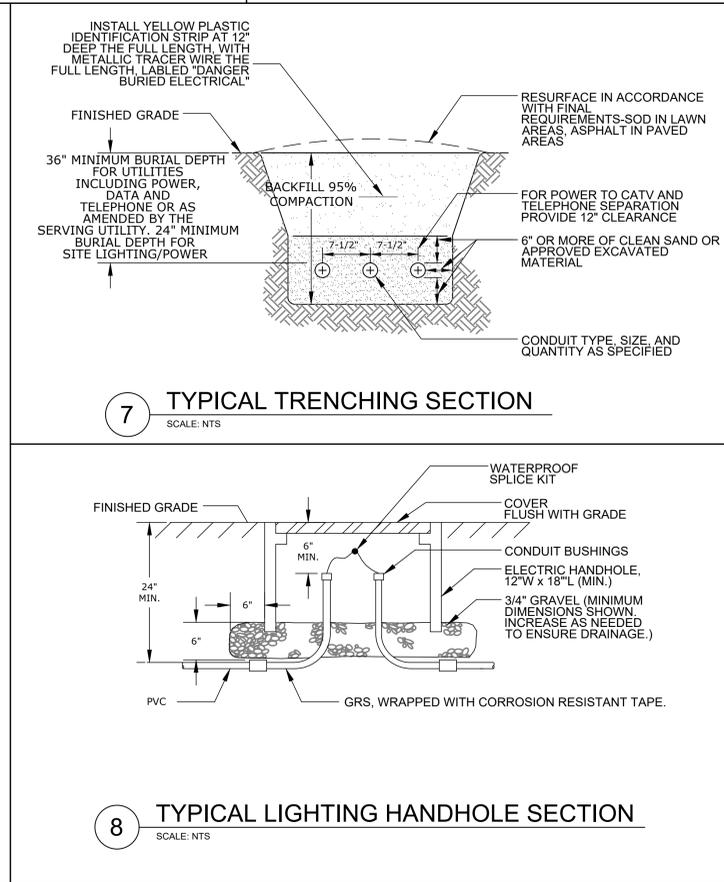
4 TYPICAL GROUND WELL
SCALE: NTS



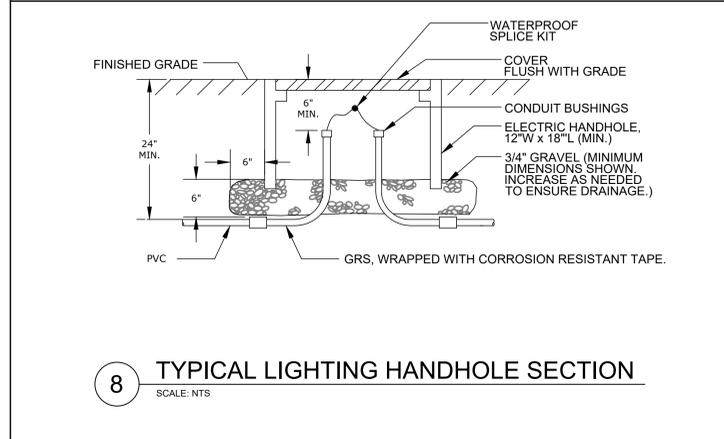
5 TYPICAL MV AND BUILDING TELECOMMUNICATIONS TRENCHING SECTION
SCALE: NTS



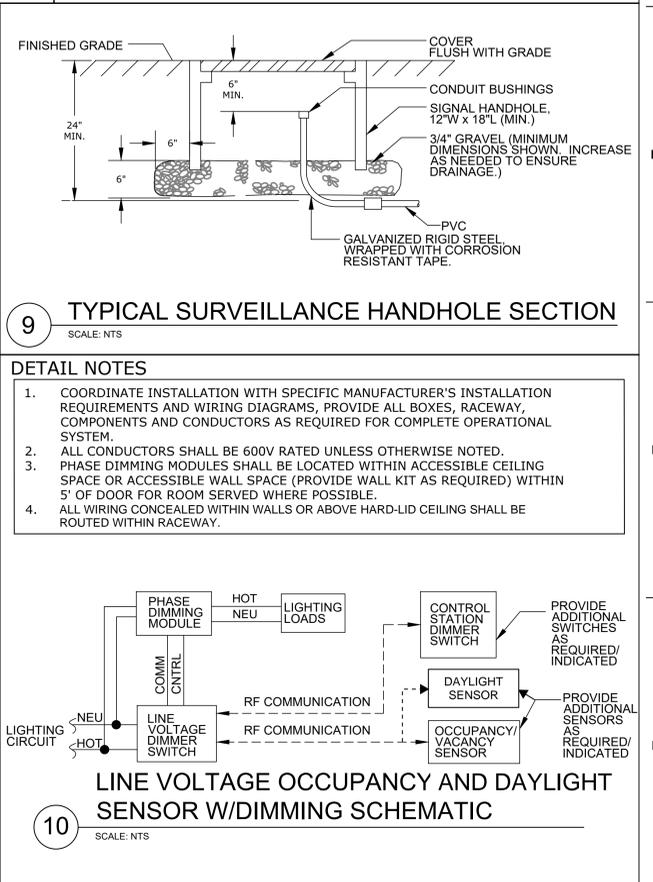
6 SECURITY ACCESS DOOR CONTROL (MAGNETIC LOCK TYPE)
SCALE: NTS



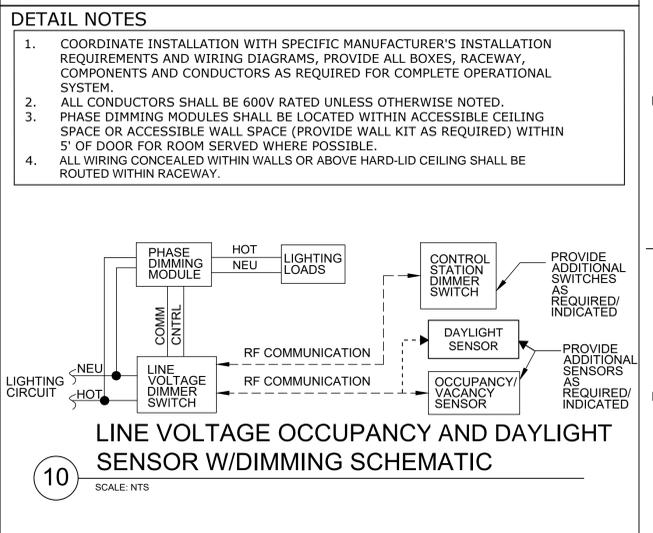
7 TYPICAL TRENCHING SECTION
SCALE: NTS



8 TYPICAL LIGHTING HANDHOLE SECTION
SCALE: NTS



9 TYPICAL SURVEILLANCE HANDHOLE SECTION
SCALE: NTS

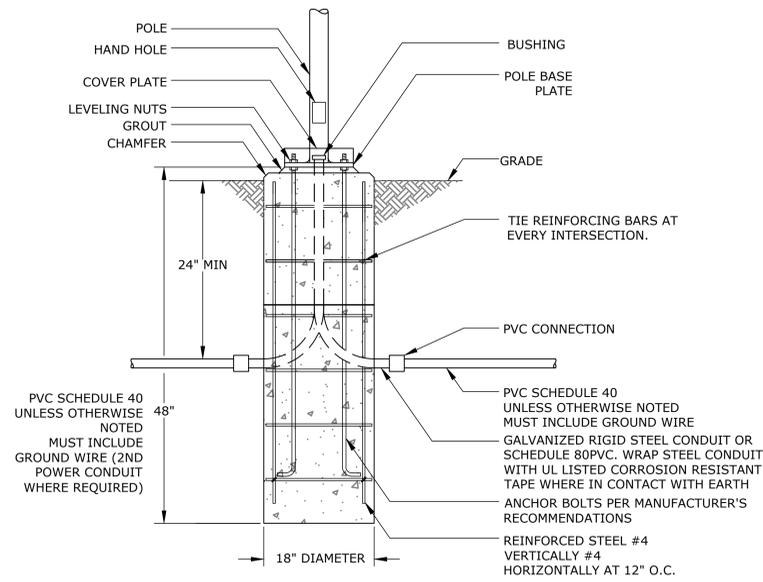


10 LINE VOLTAGE OCCUPANCY AND DAYLIGHT SENSOR W/DIMMING SCHEMATIC
SCALE: NTS

Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD A/E: SPEES DESIGN BUILD 625 1ST AVE #301 SEATTLE, WA, 98014 (206) 590 - 2118 RAY SPEES, PRESIDENT	STAMP PROFESSIONAL ENGINEER LICENSED 17711 7-22-21 STATE OF IDAHO LOUIS R. LITZKO	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title ELECTRICAL DETAILS Approved: MEDICAL CENTER DIRECTOR Approved: CHIEF, FACILITY MANAGEMENT SERVICE	Phase CONSTRUCTION DOCUMENTS	Project Title CONSTRUCT PRIMARY CARE / MENTAL HEALTH BUILDING	Project Number 531-325 Building Number 127 Drawing Number E-501 192 OF 206		
								Location BOISE VA MEDICAL CENTER - BOISE, ID	Issue Date 07/23/2021	Checked LRL / BJR	Drawn JPS / FEB

DETAIL NOTES

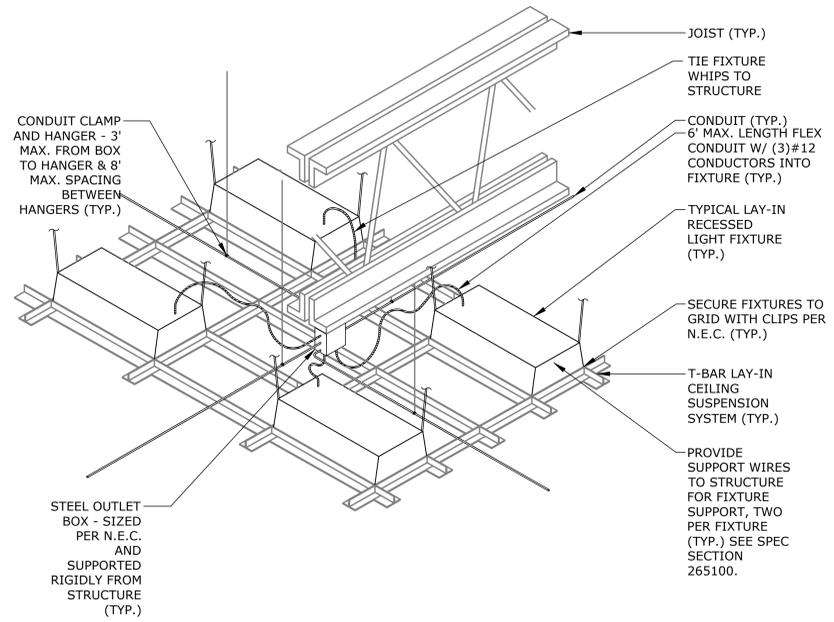
- CONTRACTOR MAY CHOOSE TO PROVIDE ADJACENT HANDHOLE FOR POWER/CONTROL WIRING AND EASE OF CONSTRUCTABILITY. HANDHOLE TO BE APPROPRIATELY RATED FOR SURFACE BEING INSTALLED WITHIN. COORDINATE LOCATION WITH LANDSCAPING AND ALL OTHER ADJACENT ELEMENTS.



1 TYPICAL POLE BASE ASSEMBLY
SCALE: NTS

DETAIL NOTES

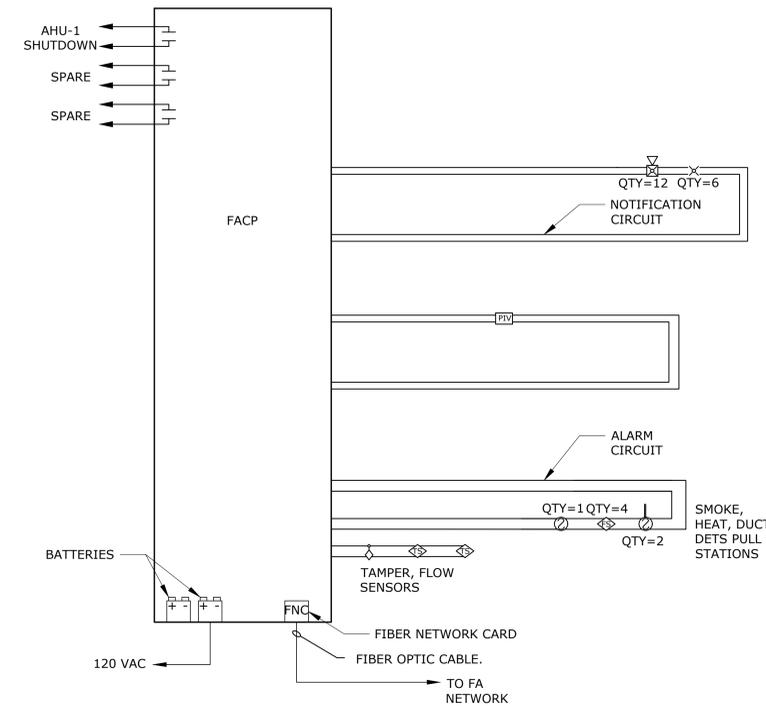
- DO NOT SUPPORT CONDUIT OR BOX FROM CEILING GRID HANGERS.



2 TYPICAL RECESSED LIGHTING INSTALLATION
SCALE: NTS

DETAIL NOTES

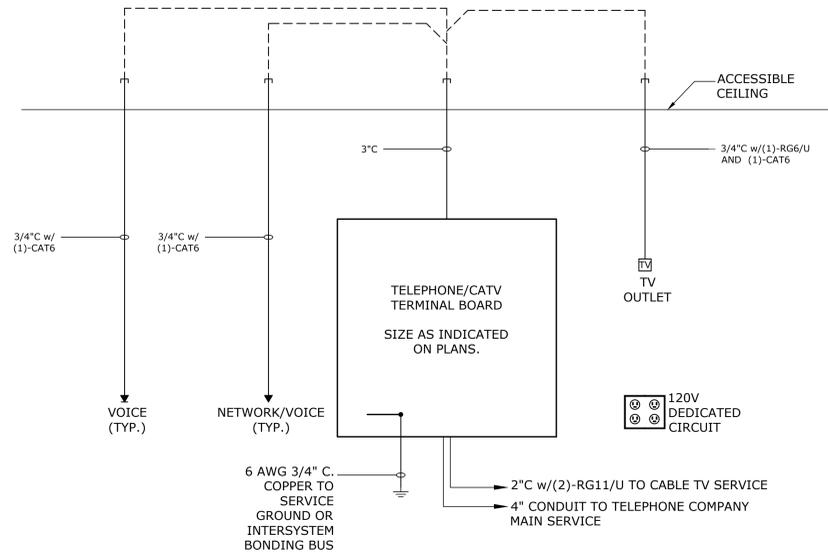
- FIRE ALARM SYSTEM AS SHOWN IS SCHEMATIC ONLY AND DOES NOT INDICATE ALL DEVICES, EQUIPMENT, WIRING. PROVIDE COMPLETE SYSTEM WITH ALL REQUIRED DEVICES AND EQUIPMENT AND SUBMIT ENGINEERED DRAWINGS TO AHJ FOR REVIEW AND APPROVAL.



3 TYPICAL FIRE ALARM RISER DIAGRAM
SCALE: NTS

DETAIL NOTES

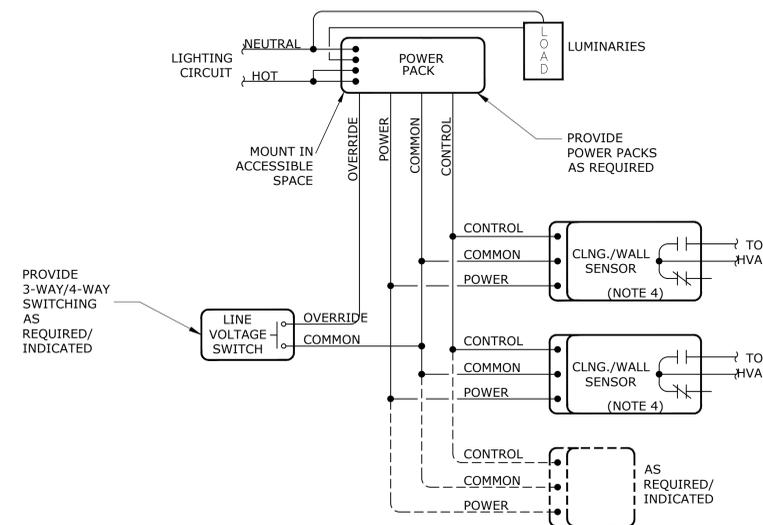
- COMMUNICATIONS DIAGRAM AS SHOWN IS SCHEMATIC AND DOES NOT INDICATE ALL DEVICES, EQUIPMENT, WIRING. PROVIDE COMPLETE SYSTEM WITH ALL REQUIRED DEVICES AND EQUIPMENT.



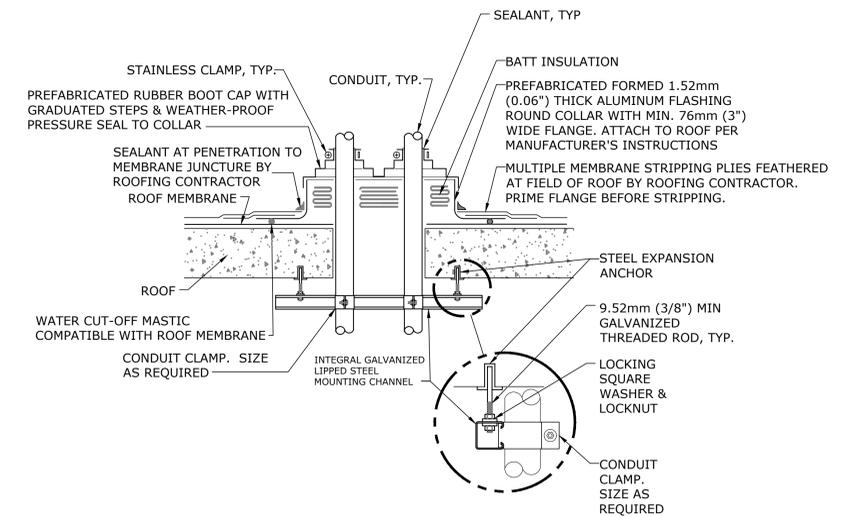
4 TYPICAL COMMUNICATIONS RISER DIAGRAM
SCALE: NTS

DETAIL NOTES

- COORDINATE INSTALLATION WITH SPECIFIC MANUFACTURER'S INSTALLATION REQUIREMENTS AND WIRING DIAGRAMS. PROVIDE ALL BOXES, RACEWAY, COMPONENTS AND CONDUCTORS AS REQUIRED FOR COMPLETE OPERATIONAL SYSTEM.
- ALL CONDUCTORS SHALL BE 600V RATED UNLESS OTHERWISE NOTED.
- POWER PACKS SHALL BE LOCATED WITHIN ACCESSIBLE CEILING SPACE WITHIN 5' OF DOOR FOR ROOM SERVED WHERE POSSIBLE.
- OCCUPANCY SENSOR SHALL BE PROVIDED WITH AUXILIARY RELAY FOR CONNECTION TO HVAC CONTROL SYSTEM AND SHALL BE UL916 LISTED FOR ENERGY MANAGEMENT.
- ALL WIRING CONCEALED WITHIN WALLS OR ABOVE HARD-LID CEILING SHALL BE ROUTED WITHIN RACEWAY.
- ALL WIRED CONTROL SHALL BE VIA LINE VOLTAGE.



5 LINE VOLTAGE OCCUPANCY/VACANCY SENSOR SCHEMATIC
SCALE: NTS



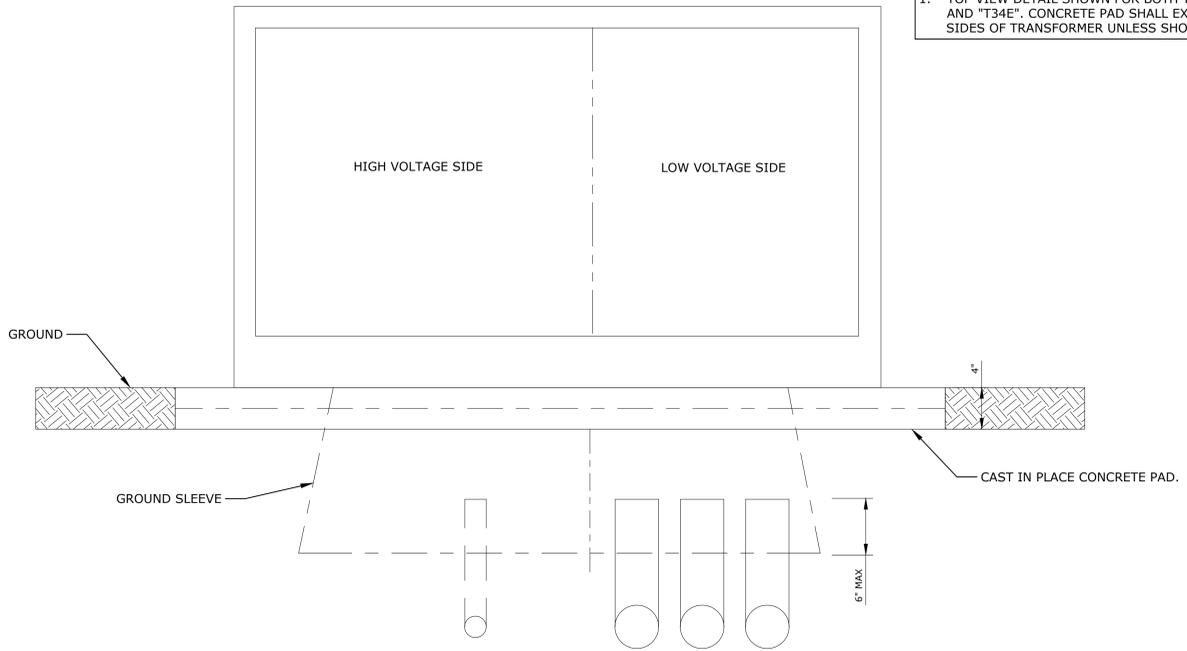
GENERAL NOTES:

- MAINTAIN A MINIMUM CLEARANCE OF 305mm (12") ON ALL SIDES OF ROOF PENETRATION FROM WALLS, CURBS, AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING.
- FLANGES OF ADJACENT FLASHINGS SHALL NOT BE CUT OR OVERLAPPED.
- VERIFY ROOF & STRUCTURAL SYSTEM WITH ARCHITECT.
- COORDINATE FLASHING INSTALLATION WITH ROOFING CONTRACTOR TO ENSURE PROPER METHODS & MATERIALS ARE USED TO MAINTAIN ROOF WARRANTY.

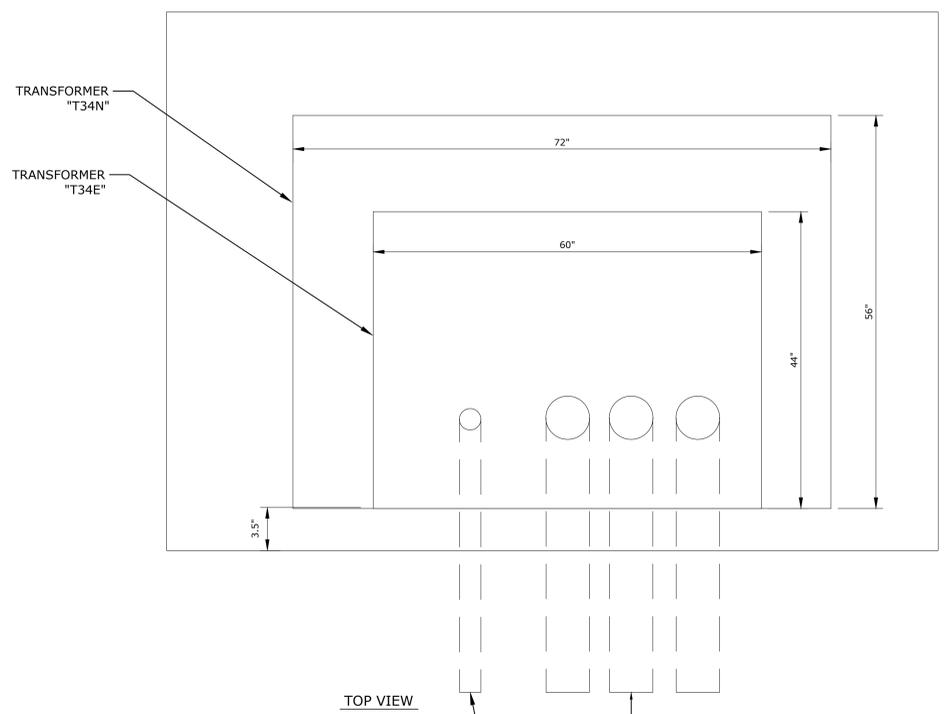
6 CONDUIT ROOF PENETRATION DETAIL
SCALE: NTS

Revisions:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
	Date:	A/E: SPEES DESIGN BUILD 625 1ST AVE #301 SEATTLE, WA, 98014 (206) 590 - 2118 RAY SPEES, PRESIDENT	Professional Engineer Louis R. Litzko 17711 7-22-21 STATE OF WASHINGTON	VA U.S. Department of Veterans Affairs	ELECTRICAL DETAILS	CONSTRUCTION DOCUMENTS	CONSTRUCT PRIMARY CARE / MENTAL HEALTH BUILDING	531-325
					Approved: MEDICAL CENTER DIRECTOR		Location	Building Number
					Approved: CHIEF, FACILITY MANAGEMENT SERVICE		BOISE VA MEDICAL CENTER - BOISE, ID	127
							Issue Date	Drawing Number
							07/23/2021	E-502
							Checked	193 OF 206
							LR / BJR	
							JPS / FEB	

DETAIL NOTES
 1. TOP VIEW DETAIL SHOWN FOR BOTH TRANSFORMER "T34N" AND "T34E". CONCRETE PAD SHALL EXTEND 12" FROM ALL SIDES OF TRANSFORMER UNLESS SHOWN OTHERWISE.



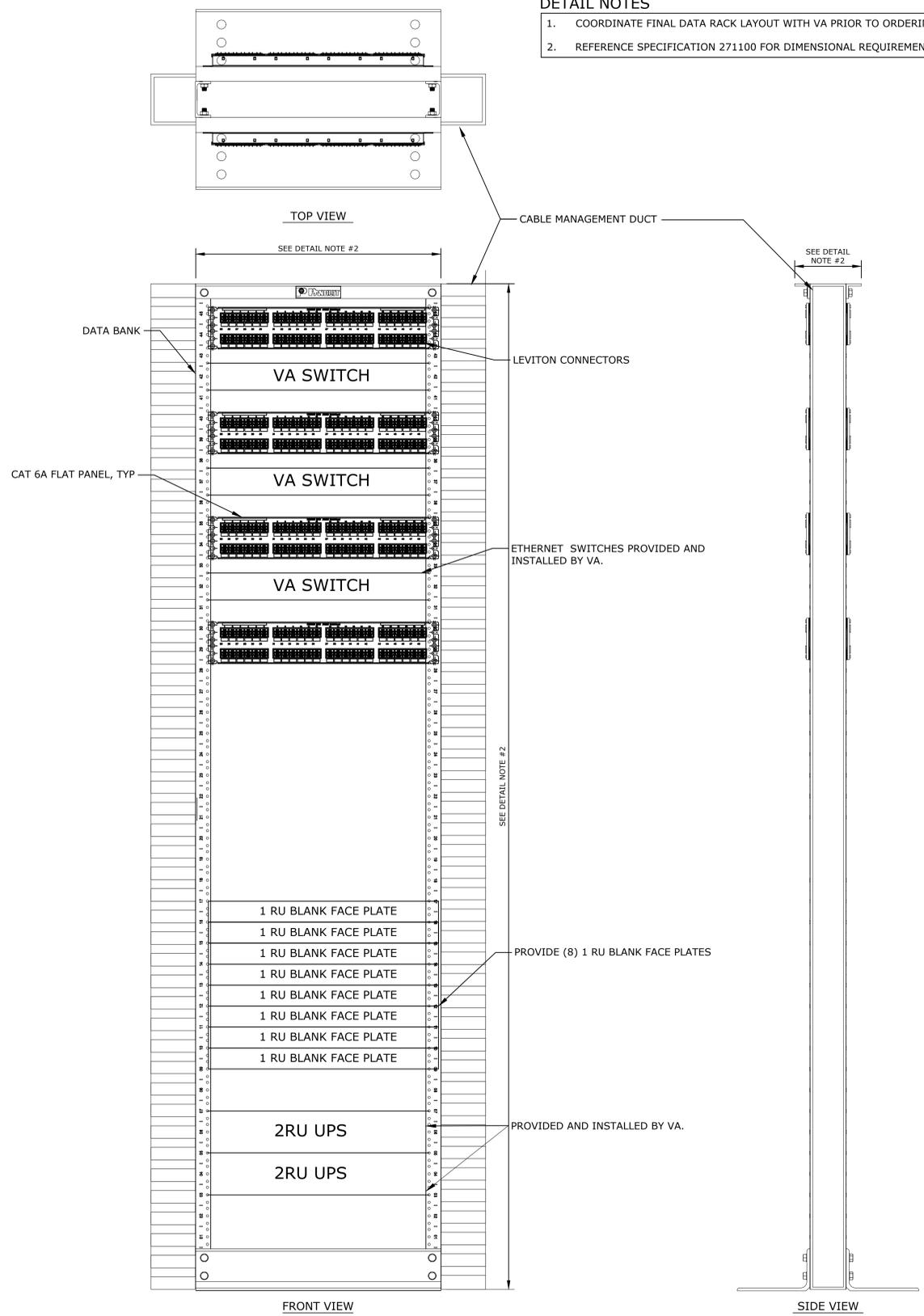
FRONT VIEW



TOP VIEW
 REFERENCE PLANS FOR QUANTITY AND SIZE OF CONDUITS

1 TYPICAL OIL FILLED TRANSFORMER PAD MOUNT DETAIL
 SCALE: NTS

DETAIL NOTES
 1. COORDINATE FINAL DATA RACK LAYOUT WITH VA PRIOR TO ORDERING AND INSTALLATION.
 2. REFERENCE SPECIFICATION 271100 FOR DIMENSIONAL REQUIREMENTS.



FRONT VIEW

SIDE VIEW

2 DATA RACK ASSEMBLY
 SCALE: NTS

Revisions:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
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								194 OF 206