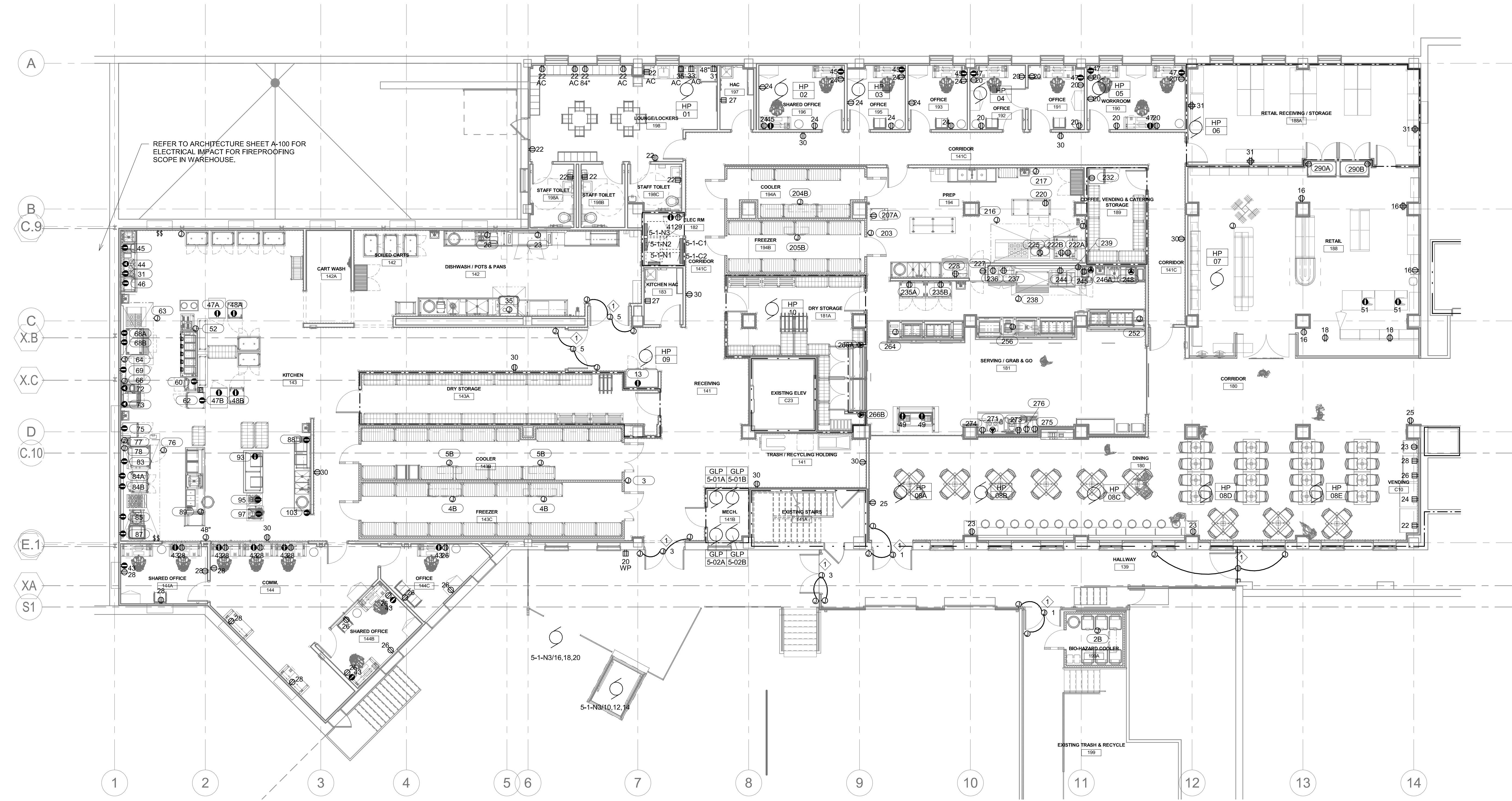


GENERAL NOTES:

- A. BUILDING WILL BE IN USE DURING CONSTRUCTION. SCHEDULE AND CARRY OUT THE WORK IN SUCH A MANNER AS TO CAUSE THE OWNER A MINIMUM OF INCONVENIENCE DUE TO SERVICE INTERRUPTION. TEMPORARY SERVICES (FEEDER, BRANCH CIRCUIT, AND SIGNAL SYSTEMS) SHALL BE INSTALLED IF ONE AREA OR PHASE OF CONSTRUCTION DISRUPTS SERVICE TO ANOTHER AREA OF THE BUILDING(S) OR IF THE EQUIPMENT, CONDUITS, OR FEEDERS HAVE TO BE RELOCATED TO ALLOW CONSTRUCTION TO PROGRESS. SERVICE INTERRUPTIONS SHALL BE CONFINED TO THE SMALLEST AREA POSSIBLE AT ANY ONE TIME AND INTERRUPTIONS SHALL BE SCHEDULED WITH THE OWNER'S SITE REPRESENTATIVE. THERE SHALL BE DESIGNATED AREAS WHERE INTERRUPTIONS LIMITED TO AND SHALL BE CONDUCTED AFTER HOURS (8:00 PM - 6:00 AM) MONDAY THROUGH SATURDAY. AFTER SERVICE HAS BEEN RESTORED FOLLOWING AN INTERRUPTION, INSPECT AREAS AFFECTED BY THE INTERRUPTION AND BE RESPONSIBLE FOR RETURNING AUTOMATICALLY CONTROLLED EQUIPMENT TO THE SAME OPERATING CONDITION WHICH EXISTED PRIOR TO THE INTERRUPTION.
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- G. DEMOLISH HOME RUN WIRING BACK TO SOURCE UNLESS NOTED OTHERWISE. DO NOT LEAVE CONDUCTORS ABANDONED IN WIREWAY SYSTEMS LOCATED WITHIN THE CEILING SPACES. SEE MECHANICAL/ELECTRICAL SCHEDULES FOR ADDITIONAL INFORMATION.
- H. REFER TO EQUIPMENT SCHEDULES FOR ADDITIONAL INFORMATION ON CONNECTION TO EQUIPMENT.

KEY NOTES:

1. INSTALL 1/2" C. FROM THE POWERED DOOR PUSH BUTTONS TO THE POWERED DOOR CONTROL BOX FOR ROUTING OF CONTROL WIRES. FOLLOW MANUFACTURER GUIDELINES FOR PLACEMENT OF POWERED DOOR POWER SUPPLY. INSTALL DISCONNECT TOGGLE SWITCH WITHIN 36" OF THE CONNECTION POINT.



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

KEYPLAN
NTS



Revision#	Description	Date
1	ISSUE SET	08-18-2026

CONSULTANTS



Ulteig Engineers, Inc.
5701 South Corporate Place
Sioux Falls, SD 57108
Phone: 605-323-2306



ERICKSEN ROED Associates
2550 University Ave W
Suite 423-S
St. Paul, MN 55402
Phone: 612-251-7570



Dunham Associates, Inc.
30 South Sixth St
Suite 1100
Minneapolis, MN 55403
Phone: 612-465-7550



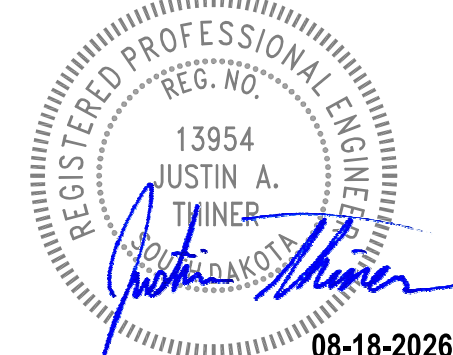
Rippe Associates
10400 Yellow Circle Dr
Suite 100
Minneapolis, MN 55433
Phone: 952-933-0313

ARCHITECT OF RECORD



Stone Group Architects, Inc.
600 East 7th Street
Sioux Falls, SD 57103
Phone: 605-271-1144

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans Affairs

Drawing Title
FIRST FLOOR POWER PLAN

Approved:

Phase

Project Title
RENOVATE FIRST FLOOR FOR
NEW KITCHEN FOR THE SIOUX
FALLS VA MEDICAL CENTER

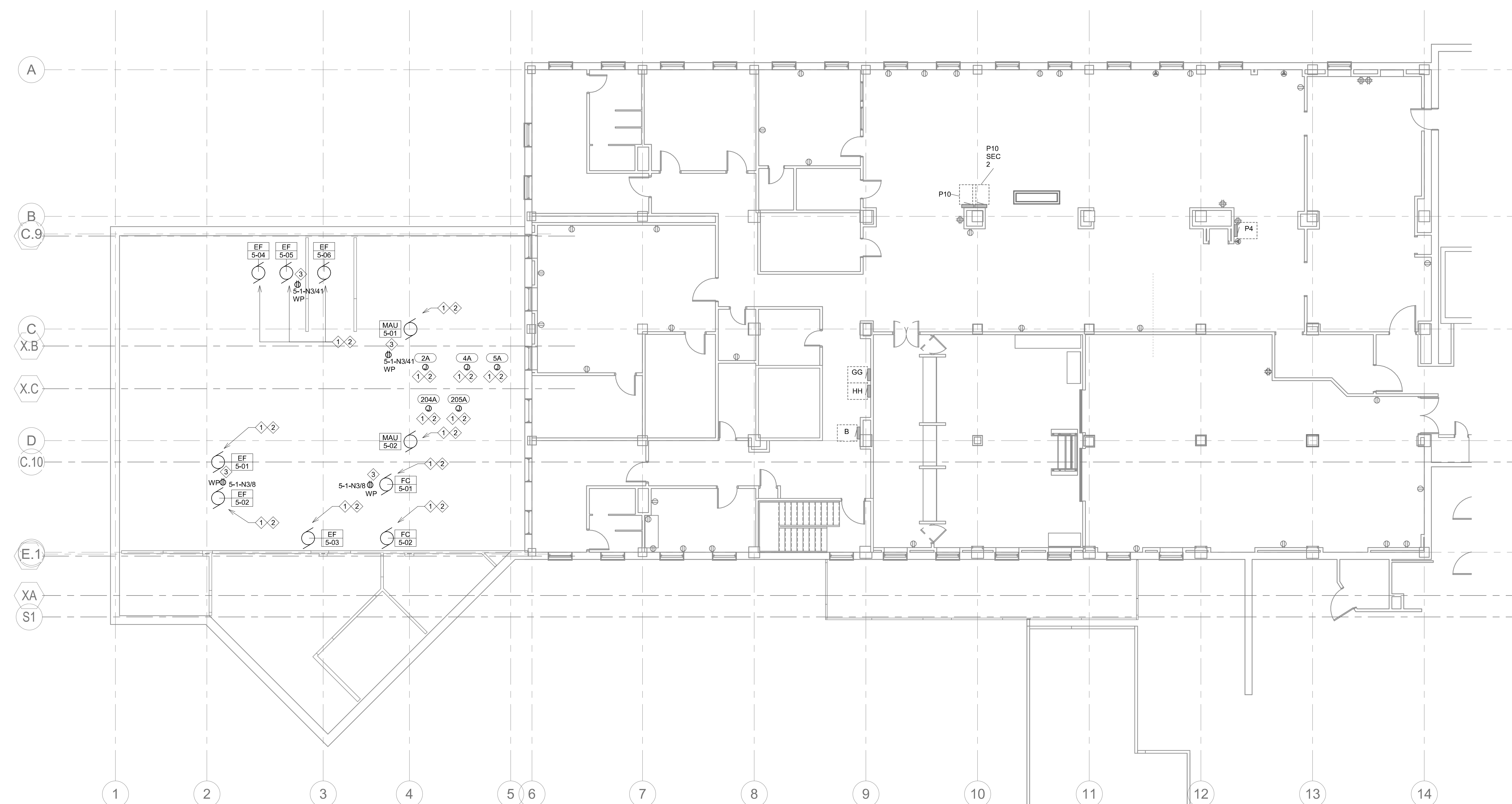
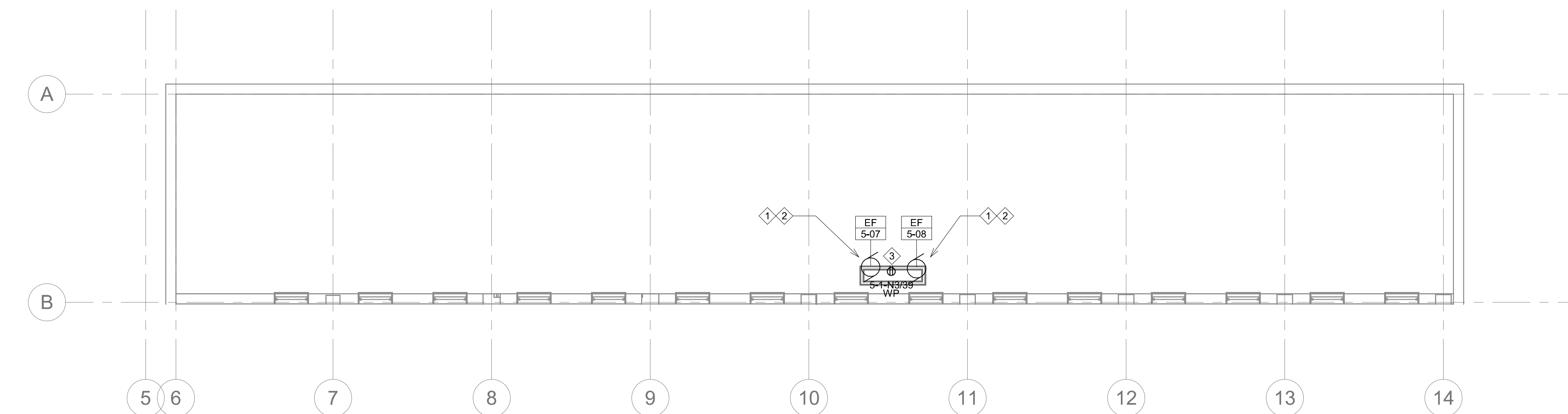
Location
SIOUX FALLS, SOUTH DAKOTA

Issue Date
08-18-2026

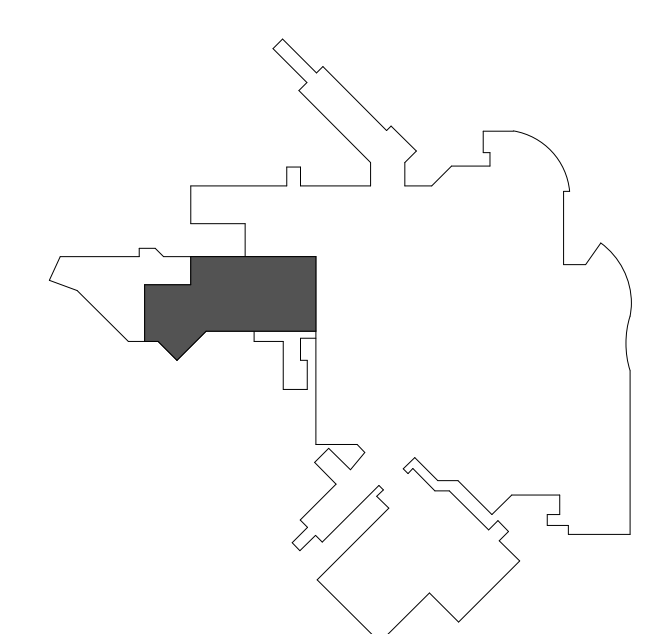
Checked
CB

Drawn
BZ

Drawing Number
EP101



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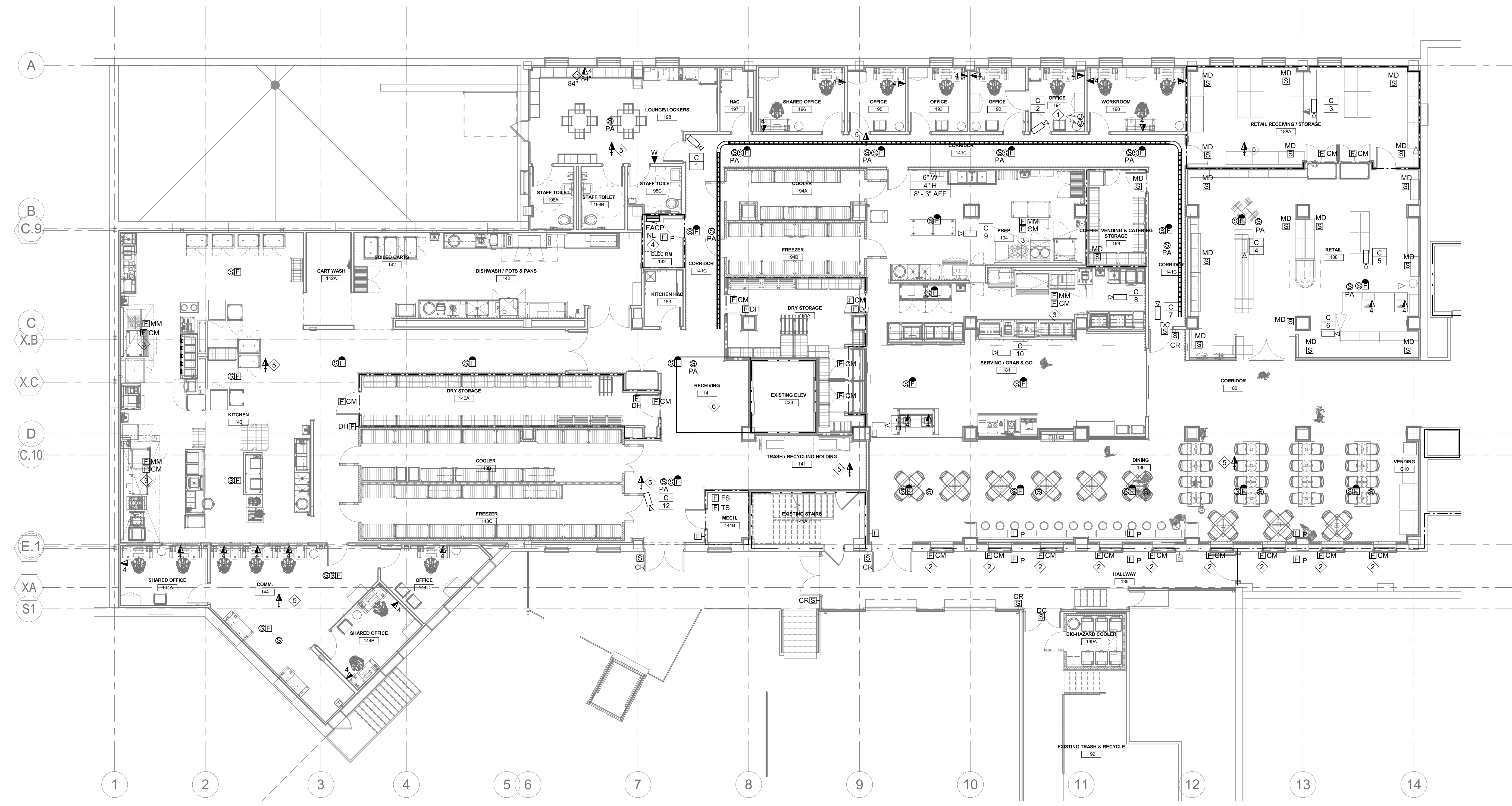
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KEY NOTES:

- 1 LOCATION OF OWNER PROVIDED DVR AND SECURITY MONITOR. PROVIDE EXTRA DEEP DOUBLE GANG BOX AND SINGLE GANG MUDRING. ROUTE (2) 1 1/4" FROM JUNCTION BOX UP WALL TO ABOVE ACCESSIBLE CEILING.
- 2 FIRE ALARM CONTROL MODULE TO RELEASE FIRE SHUTTER UPON ALARM.
- 3 FIRE ALARM CONTROL MODULE CONNECTION TO HOOD FIRE SUPPRESSION SYSTEM.
- 4 EXTEND FIRE ALARM CABLING FROM EXISTING TO REMAIN DEVICES SERVED FROM RELOCATED FIRE ALARM PANEL TO NEW PANEL LOCATION.
- 5 PROVIDE (1) CAT 6A UTP CABLE TO IT CLOSET ON SECOND FLOOR. CONTRACTOR SHALL TERMINATE CABLING IN A SINGLE GANG BOX MOUNTED ABOVE THE CEILING. PROVIDE 15'-0" CABLING SERVICE LOOP.
- 6 NEW IT ROOM LOCATED ABOVE RECEIVING 141. EXTEND LOW VOLTAGE VOICE/DATA CABLING TO IT ROOM.



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

KEYPLAN
NTS

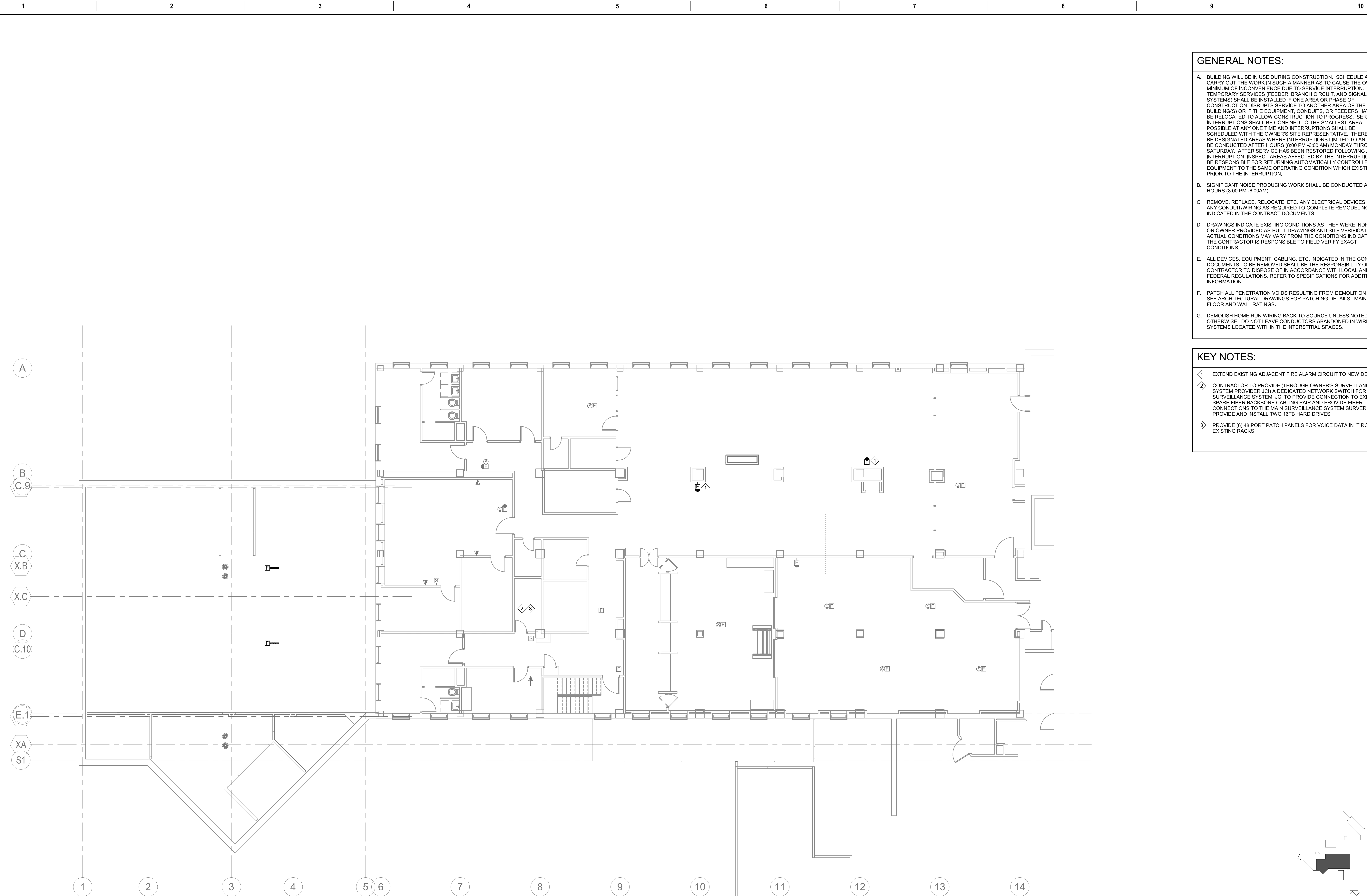


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three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

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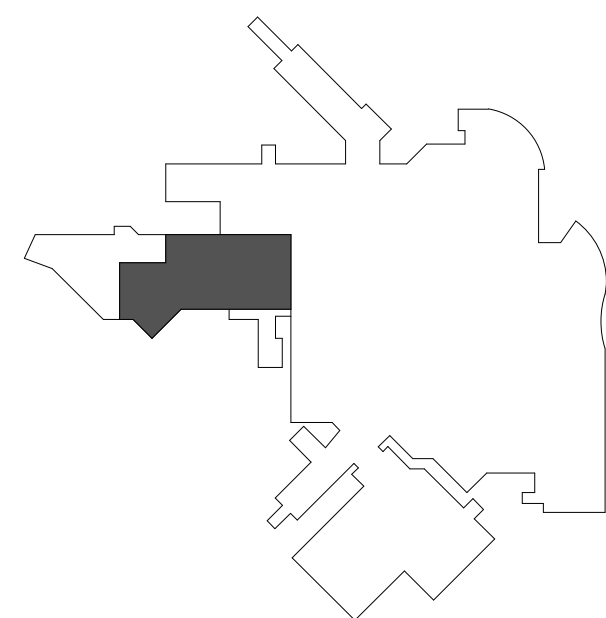
1 SECOND FLOOR SYSTEMS PLAN
1/8" = 1'-0"

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KEY NOTES:

1. EXTEND EXISTING ADJACENT FIRE ALARM CIRCUIT TO NEW DEVICES.
2. CONTRACTOR TO PROVIDE (THROUGH OWNER'S SURVEILLANCE SYSTEM PROVIDER JCI) A DEDICATED NETWORK SWITCH FOR SURVEILLANCE SYSTEM. JCI TO PROVIDE CONNECTION TO EXISTING SPARE FIBER BACKBONE CABLING PAIR AND PROVIDE FIBER CONNECTIONS TO THE MAIN SURVEILLANCE SYSTEM SURVER. JCI TO PROVIDE AND INSTALL TWO 16TB HARD DRIVES.
3. PROVIDE (6) 48 PORT PATCH PANELS FOR VOICE DATA IN IT ROOM EXISTING RACKS.



KEYPLAN
NTS

Revision#	Description	Date
1	ISSUE SET	08-18-2026

CONSULTANTS

CIVIL:
Ulteig
Ulteig Engineers, Inc.
5701 South Corporate Place
Sioux Falls, SD 57105
Phone: 605-323-2306

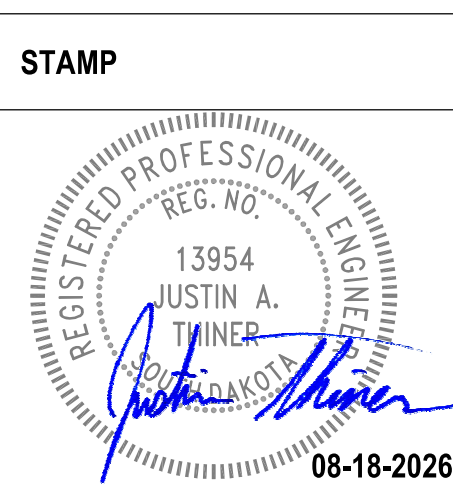
STRUCTURAL:
ERA
ERICKSEN ROED
Ericksen Roed Associates
2550 University Ave W
Suite 423-S
St. Paul, MN 55402
Phone: 651-251-7570

MEP:
DUNHAM
Dunham Associates, Inc.
50 South Sixth St
Suite 1100
Minneapolis, MN 55402
Phone: 612-465-7550

FOOD SERVICE:
RIPPE ASSOCIATES
Foodservice Design + Consulting
Rippe Associates
10400 Yellow Circle Dr
Suite 100
Minneapolis, MN 55343
Phone: 952-933-0313

ARCHITECT OF RECORD

STONE GROUP
ARCHITECTS
Stone Group Architects, Inc.
600 East 7th Street
Sioux Falls, SD 57103
Phone: 605-271-1144



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

Drawing Title
SECOND FLOOR SYSTEMS PLAN

Approved:

Phase

Project Title
**RENOVATE FIRST FLOOR FOR
NEW KITCHEN FOR THE SIOUX
FALLS VA MEDICAL CENTER**

Location
SIOUX FALLS, SOUTH DAKOTA

Issue Date
08-18-2026

Checked
CB

Drawn
BZ

Project Number
**VA #438-21-403
SGA #201956**

Building Number
5

Drawing Number
EY201

one eighth inch = one foot
one quarter inch = one foot
one half inch = one foot
three eighths inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
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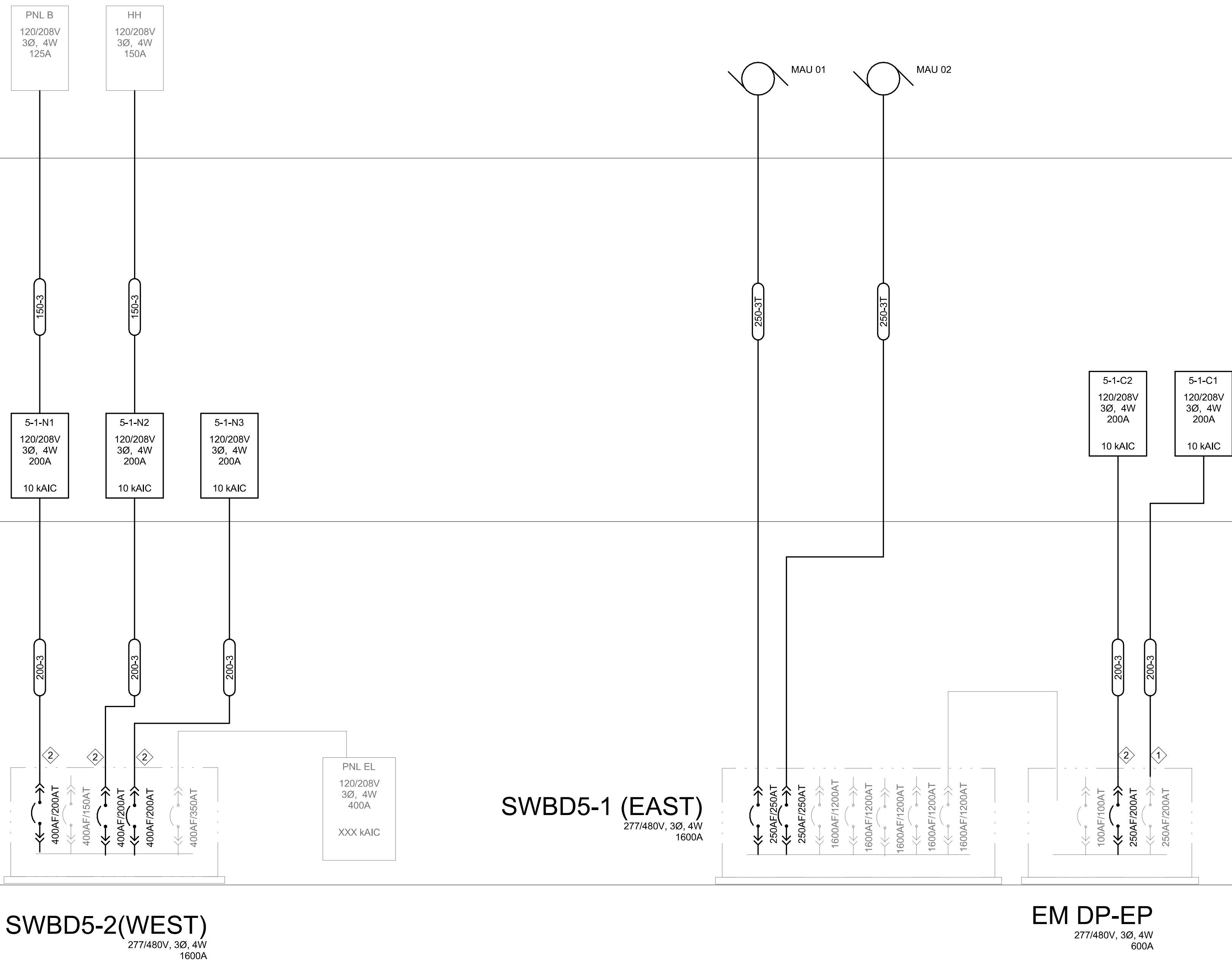
FOURTH FLOOR

THIRD FLOOR

SECOND FLOOR

FIRST FLOOR

GROUND FLOOR



GENERAL NOTES:

- A. BUILDING WILL BE IN USE DURING CONSTRUCTION. SCHEDULE AND CARRY OUT THE WORK IN SUCH A MANNER AS TO CAUSE THE OWNER A MINIMUM OF INCONVENIENCE DUE TO SERVICE INTERRUPTION. TEMPORARY SERVICES (FEEDER, BRANCH CIRCUIT, AND SIGNAL SYSTEMS) SHALL BE INSTALLED IF ONE AREA OR PHASE OF CONSTRUCTION DISRUPTS SERVICE TO ANOTHER AREA OF THE BUILDING(S) OR IF THE EQUIPMENT, CONDUITS, OR FEEDERS HAVE TO BE RELOCATED TO ALLOW CONSTRUCTION TO PROGRESS. SERVICE INTERRUPTIONS SHALL BE CONFINED TO THE SMALLEST AREA POSSIBLE AT ANY ONE TIME AND INTERRUPTIONS SHALL BE SCHEDULED WITH THE OWNER'S SITE REPRESENTATIVE. THERE SHALL BE DESIGNATED AREAS WHERE INTERRUPTIONS LIMITED TO AND SHALL BE CONDUCTED AFTER HOURS (8:00 PM - 6:00 AM) MONDAY THROUGH SATURDAY. AFTER SERVICE HAS BEEN RESTORED FOLLOWING AN INTERRUPTION, INSPECT AREAS AFFECTED BY THE INTERRUPTION AND BE RESPONSIBLE FOR RETURNING AUTOMATICALLY CONTROLLED EQUIPMENT TO THE SAME OPERATING CONDITION WHICH EXISTED PRIOR TO THE INTERRUPTION.
- B. SIGNIFICANT NOISE PRODUCING WORK SHALL BE CONDUCTED AFTER HOURS (8:00 PM - 6:00 AM).
- C. REMOVE, REPLACE, RELOCATE, ETC. ANY ELECTRICAL DEVICES AND/OR ANY CONDUIT WIRING AS REQUIRED TO COMPLETE REMODELING AS INDICATED IN THE CONTRACT DOCUMENTS.
- D. DRAWINGS INDICATE EXISTING CONDITIONS AS THEY WERE INDICATED ON OWNER PROVIDED AS-BUILT DRAWINGS AND SITE VERIFICATION. ACTUAL CONDITIONS MAY VARY FROM THE CONDITIONS INDICATED. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY EXACT CONDITIONS.
- E. ALL DEVICES, EQUIPMENT, CABLING, ETC. INDICATED IN THE CONTRACT DOCUMENTS TO BE REMOVED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DISPOSE OF IN ACCORDANCE WITH LOCAL AND FEDERAL REGULATIONS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- F. PATCH ALL PENETRATION VOIDS RESULTING FROM DEMOLITION WORK. SEE ARCHITECTURAL DRAWINGS FOR PATCHING DETAILS. MAINTAIN FLOOR AND WALL RATINGS.
- G. DEMOLISH HOME RUN WIRING BACK TO SOURCE UNLESS NOTED OTHERWISE. DO NOT LEAVE CONDUCTORS ABANDONED IN WIREWAY SYSTEMS LOCATED WITHIN THE INTERSTITIAL SPACES. SEE MECHANICAL/ELECTRICAL SCHEDULES FOR ADDITIONAL INFORMATION.

KEY NOTES:

- ① UTILIZE EXISTING BREAKER. ADJUST TRIP SETTINGS AS DETERMINED BY ARC FLASH, COORDINATION STUDY DONE BY CONTRACTOR.
- ② PROVIDE NEW EATON KD BREAKER.

FEEDER SCHEDULE

FEEDER	FEEDER DESCRIPTION	CONDUIT
150-3	2" C, 4#10 + #6 G	EMT
200-3	2" C, 4#10 + #6 G	EMT
250-3T	2-1/2" C, 3#250KCMIL + #4 G	EMT

-2 SINGLE PHASE
-3 THREE PHASE

S SERVICE SECONDARY
D SIZED FOR VOLTAGE DROP
P PVC
U UNDERGROUND
L ALUMINUM
N ADDED NEUTRAL
T THREE WIRE ONLY, NO NEUTRAL

GENERAL NOTES:

- A. NOMENCLATURE DEFAULTS WITH A SINGLE NEUTRAL AND A GROUND.
- NOTES:

Revision#	Description	Date
1	ISSUE SET	08-18-2026

CONSULTANTS

CIVIL:
Ulteig
Ulteig Engineers, Inc.
5701 South Corporate Place
Sioux Falls, SD 57105
Phone: 605-323-2306

STRUCTURAL:
ERA
ERICKSEN ROED
Erickson Roed Associates
2550 University Ave W
Suite 423-S
St. Paul, MN 55402
Phone: 612-251-7570

MEP:
DUNHAM
Dunham Associates, Inc.
30 South Sixth St
Suite 100
Minneapolis, MN 55402
Phone: 612-465-7550

FOOD SERVICE:
RIPPE ASSOCIATES
Foodservice Design + Consulting
Rippe Associates
10400 Yellow Circle Dr
Suite 100
Minneapolis, MN 55343
Phone: 952-933-0313

ARCHITECT OF RECORD

STONE GROUP
ARCHITECTS
Stone Group Architects, Inc.
600 East 7th Street
Sioux Falls, SD 57103
Phone: 605-271-1144

STAMP

REGISTERED PROFESSIONAL ENGINEER
REG. NO. 13954
JUSTIN A. TWINER
08-18-2026

Office of
Construction
and Facilities
Management

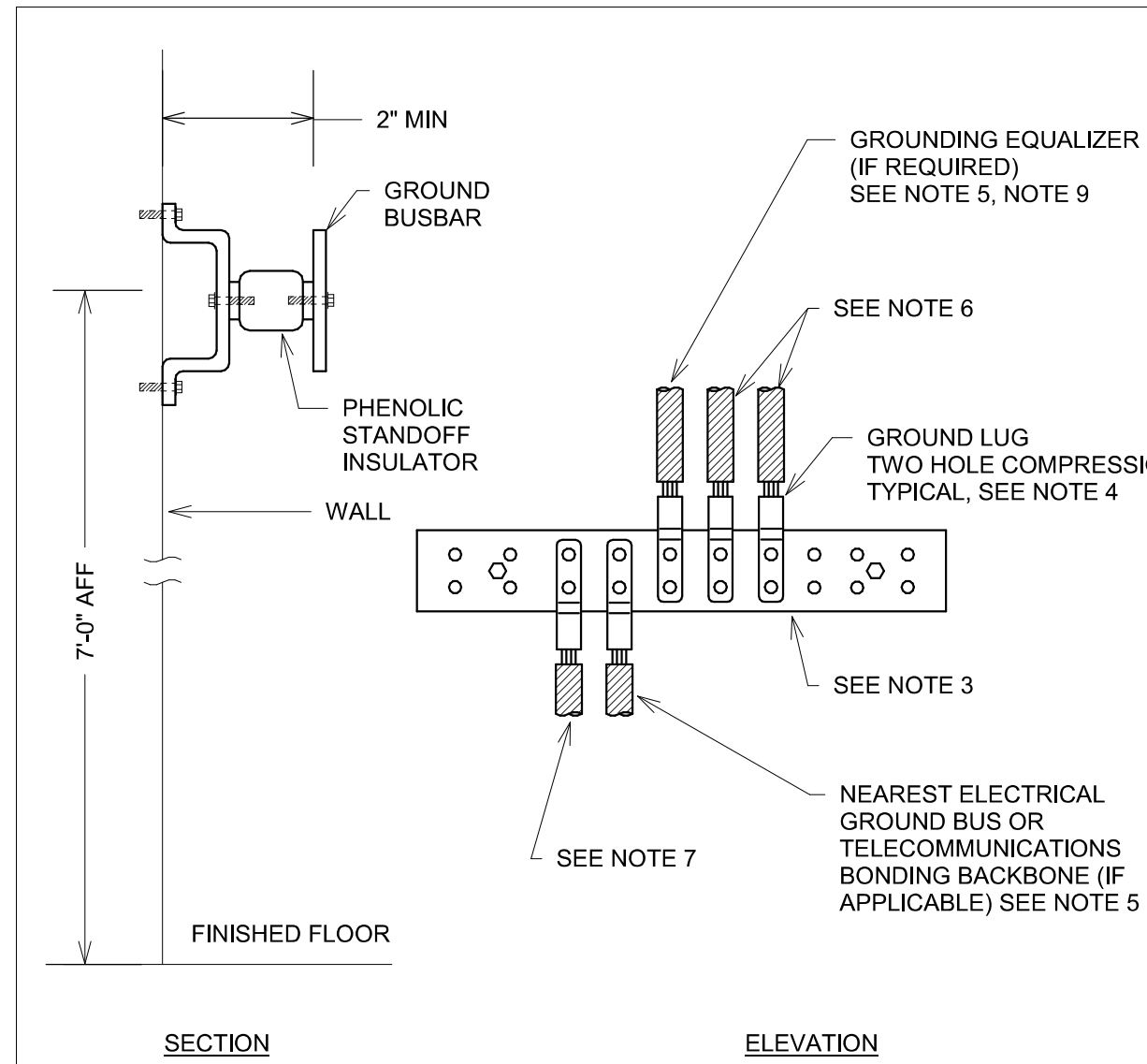
VA U.S. Department
of Veterans Affairs

Drawing Title	ELECTRICAL RISER DIAGRAM
Approved:	

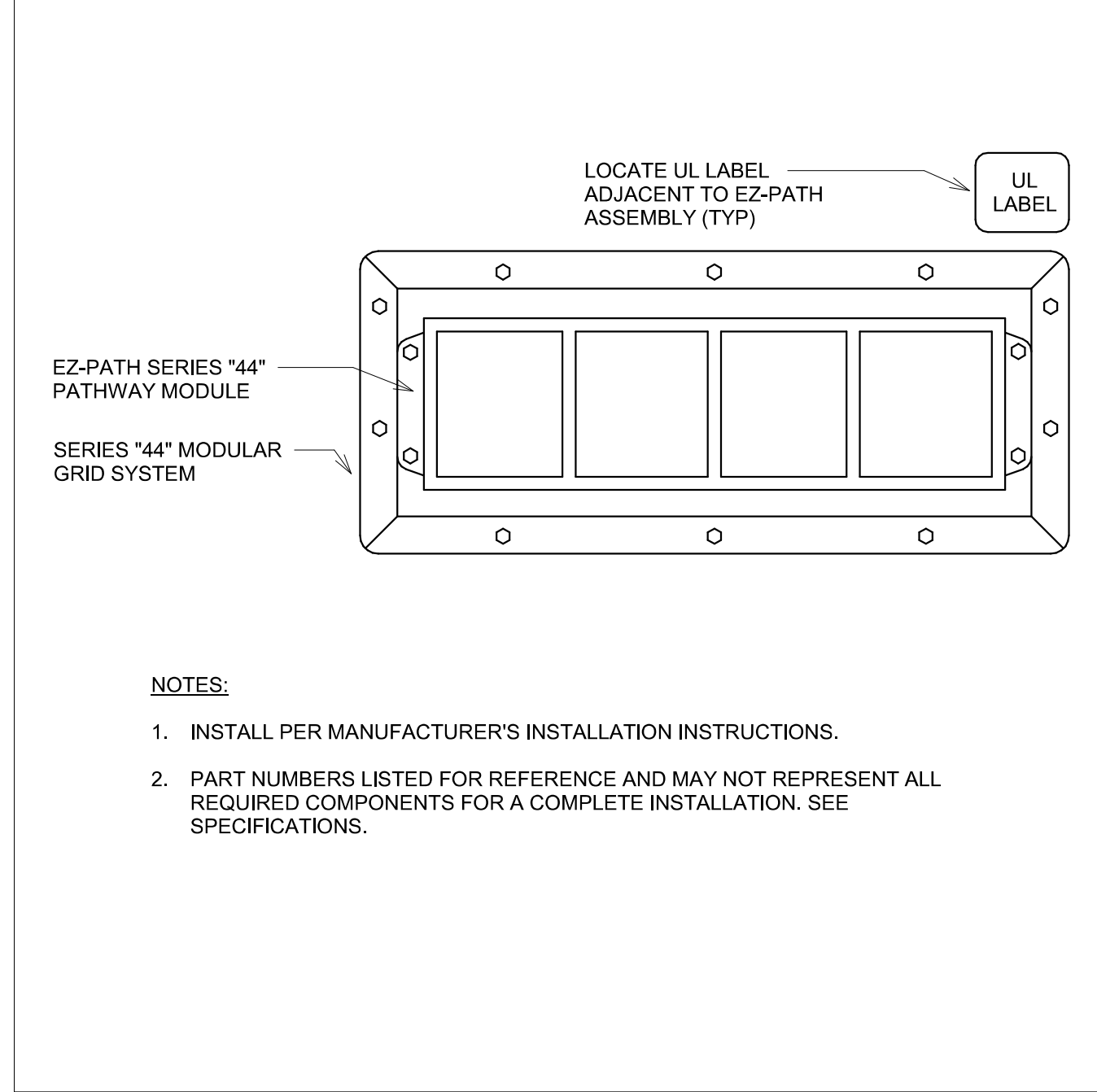
Phase		Project Title	RENOVATE FIRST FLOOR FOR NEW KITCHEN FOR THE SIOUX FALLS VA MEDICAL CENTER	Project Number	VA #438-21-403 SGA #201956
		Location	SIOUX FALLS, SOUTH DAKOTA	Building Number	5
		Issue Date	08-18-2026	Checked	CB
		Drawn	BZ	Drawing Number	EE300

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

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1 TELECOMMUNICATIONS GROUND BAR DETAIL (TGB)
NO SCALE

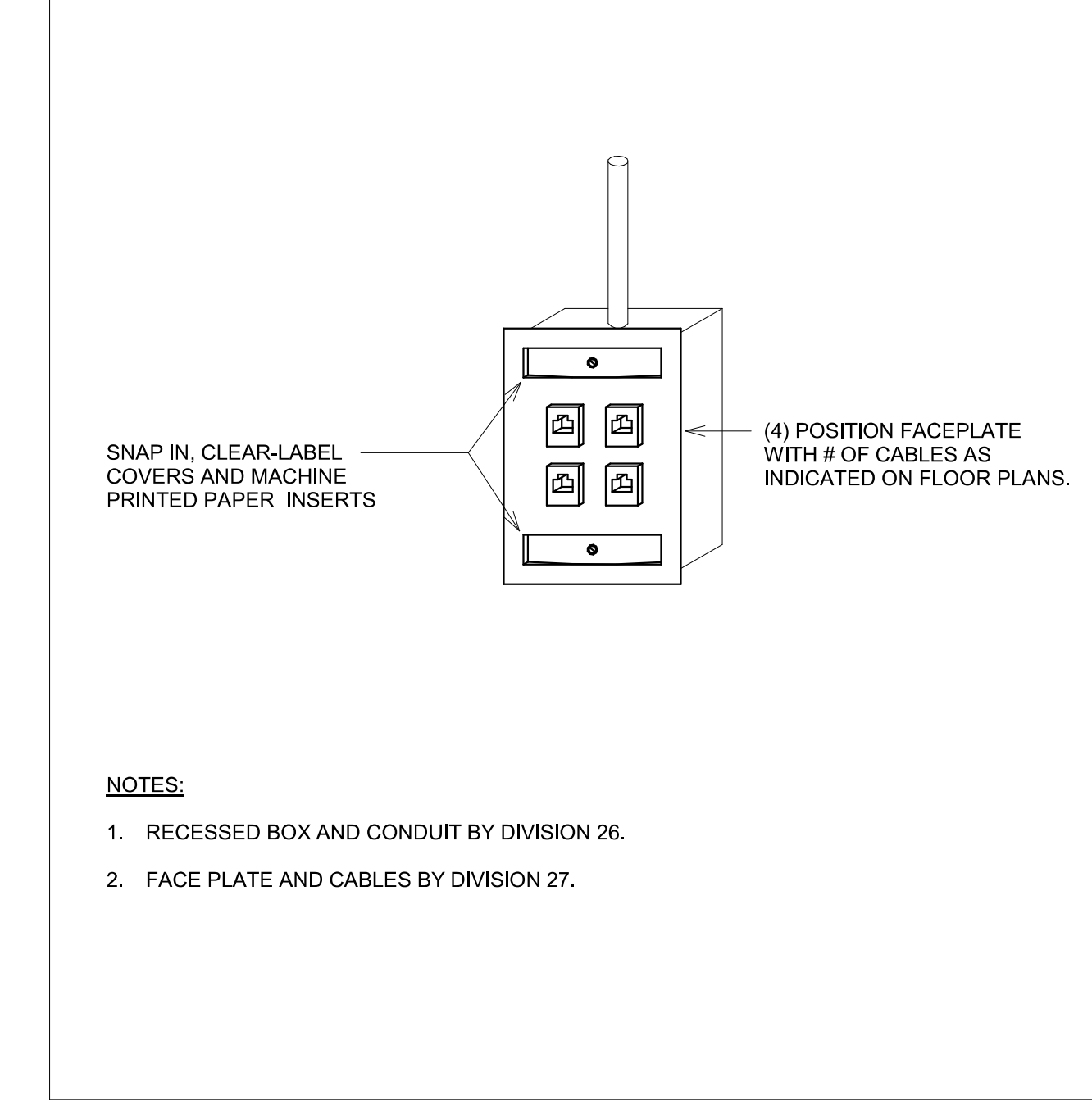


5 FIRE STOP DETAIL - CORRIDOR PENETRATION
NO SCALE

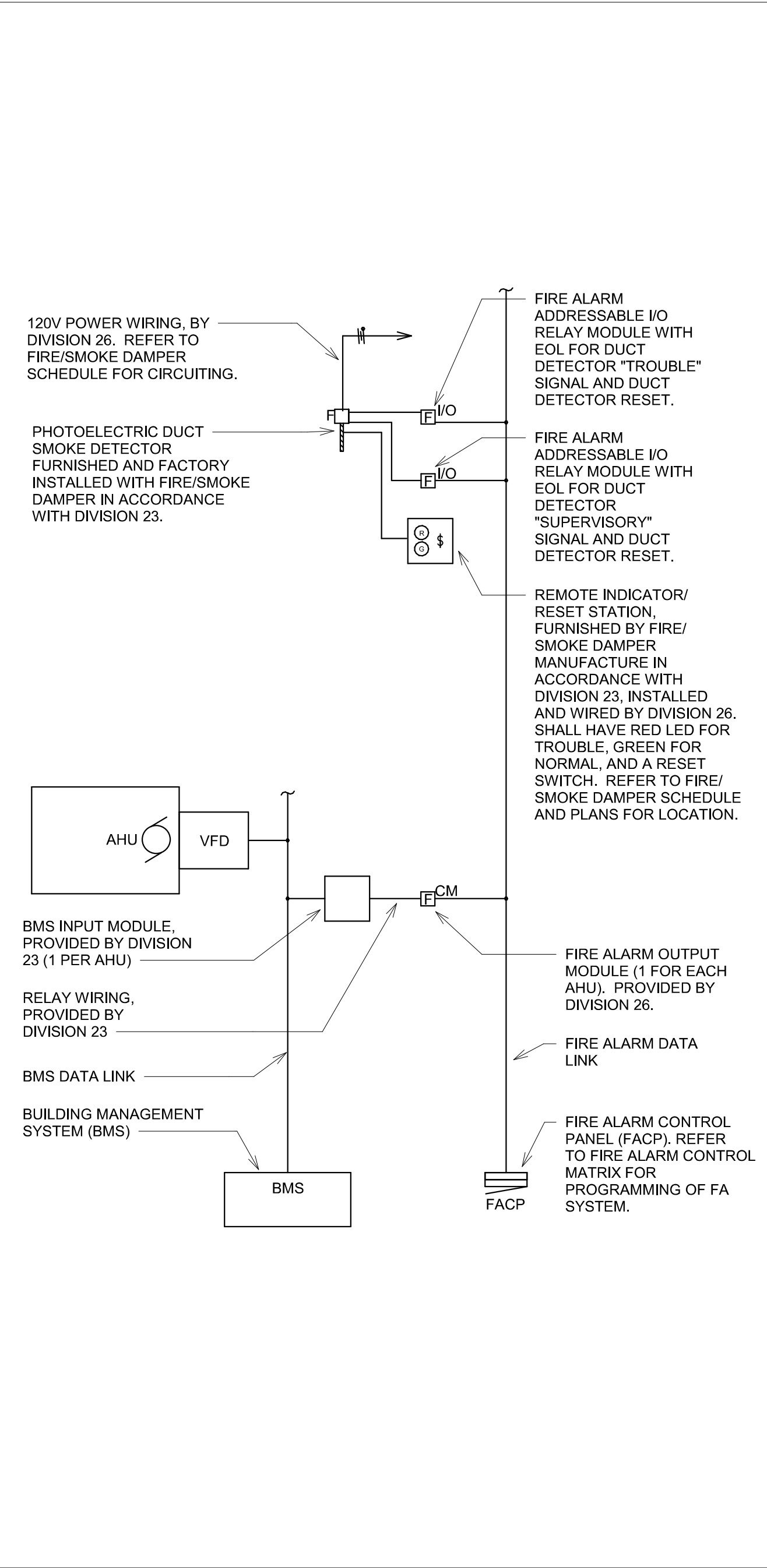
DETAIL NOTES:

- REFER TO TYPICAL SERVICE GROUNDING DETAIL AND GROUNDING RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- BUS BAR SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION.
- PROVIDE ELECTRO-TIN PLATED, CU BUSBAR WITH HOLES FOR USE WITH CORRECTLY MATCHED LISTED LUGS AND HARDWARE. BUSBAR SHALL BE A MINIMUM OF 0.25" THICK BY 4 INCHES WIDE AND 18 INCHES IN LENGTH.
- MAKE CONNECTIONS WITH UL LISTED, IRREVERSIBLE, COMPRESSION OR MECHANICAL CONNECTORS.
- SIZE BONDING CONDUCTORS PER ANSI-607-B. REFER TO TABLE 1, THIS DETAIL.
- TELECOMMUNICATIONS EQUIPMENT BONDING CONDUCTOR SHALL BE A MINIMUM OF #6AWG CU.
- PROVIDE CONNECTION TO STRUCTURAL STEEL WITH A #6AWG CU CONDUCTOR, MINIMUM.
- ALL CONDUCTORS SHALL BE GREEN OR MARKED WITH A DISTINCTIVE GREEN COLOR.
- GROUNDING EQUALIZERS CONNECT MULTIPLE TMGB AND TGB ON THE SAME FLOOR.

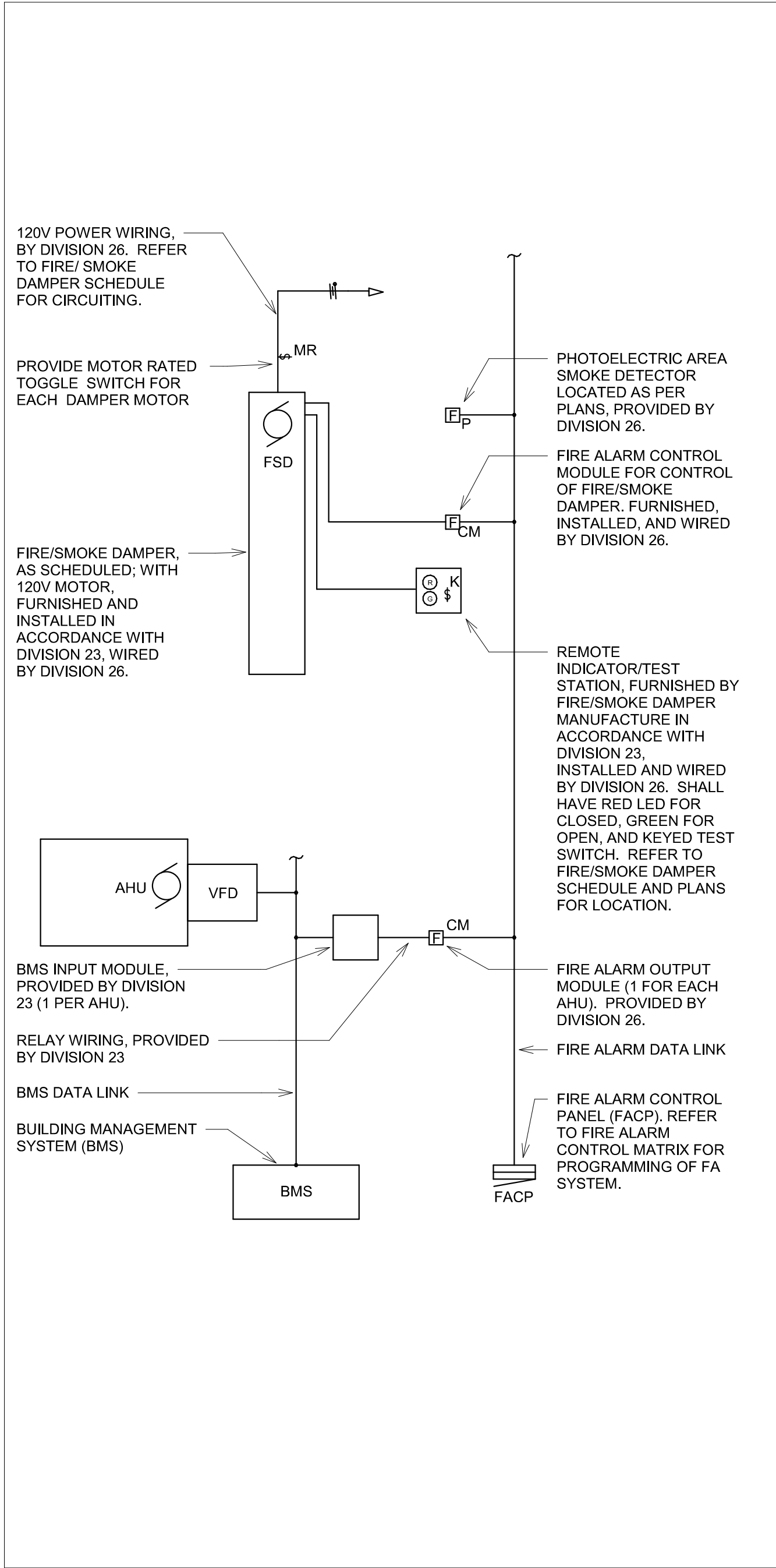
LINEAR LENGTH (FEET)	SIZE (AWG)
LESS THAN 13	6
14-20	4
21-26	3
27-33	2
34-41	1
42-52	1/0
53-66	2/0
67-84	3/0



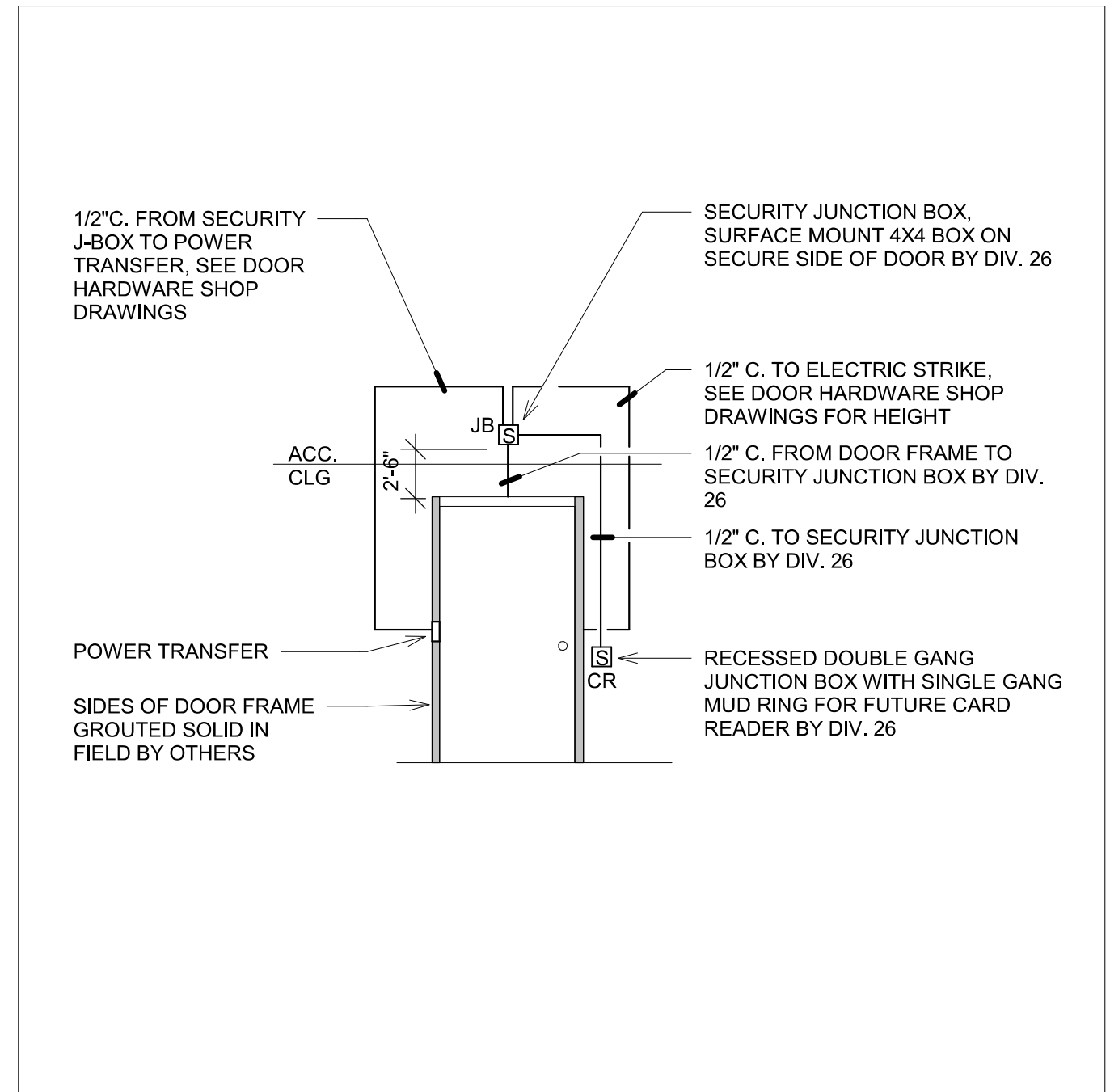
6 VOICE/DATA OUTLET LOCATION DETAIL
NO SCALE



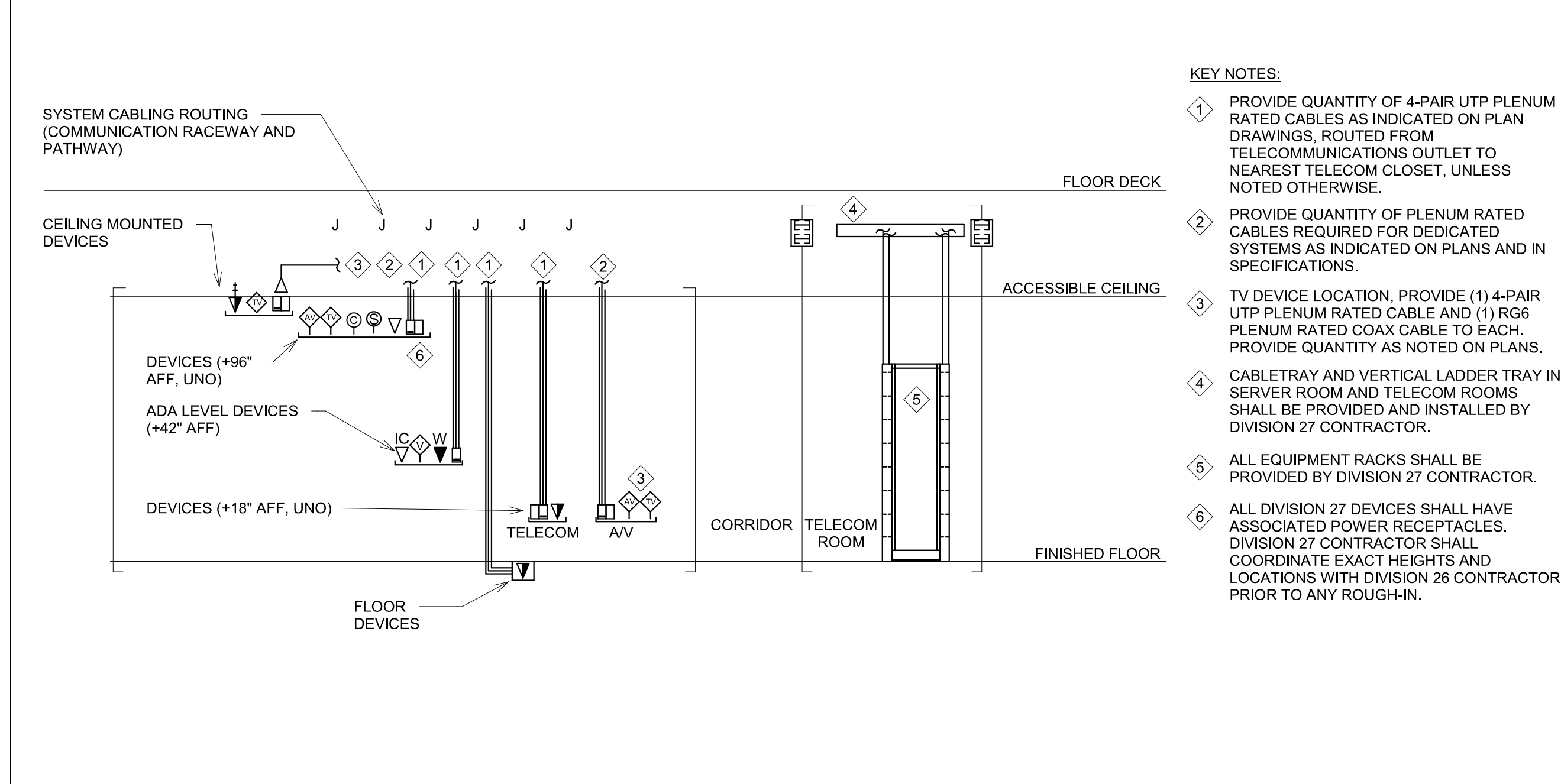
2 DUCT DETECTOR DETAIL
NO SCALE



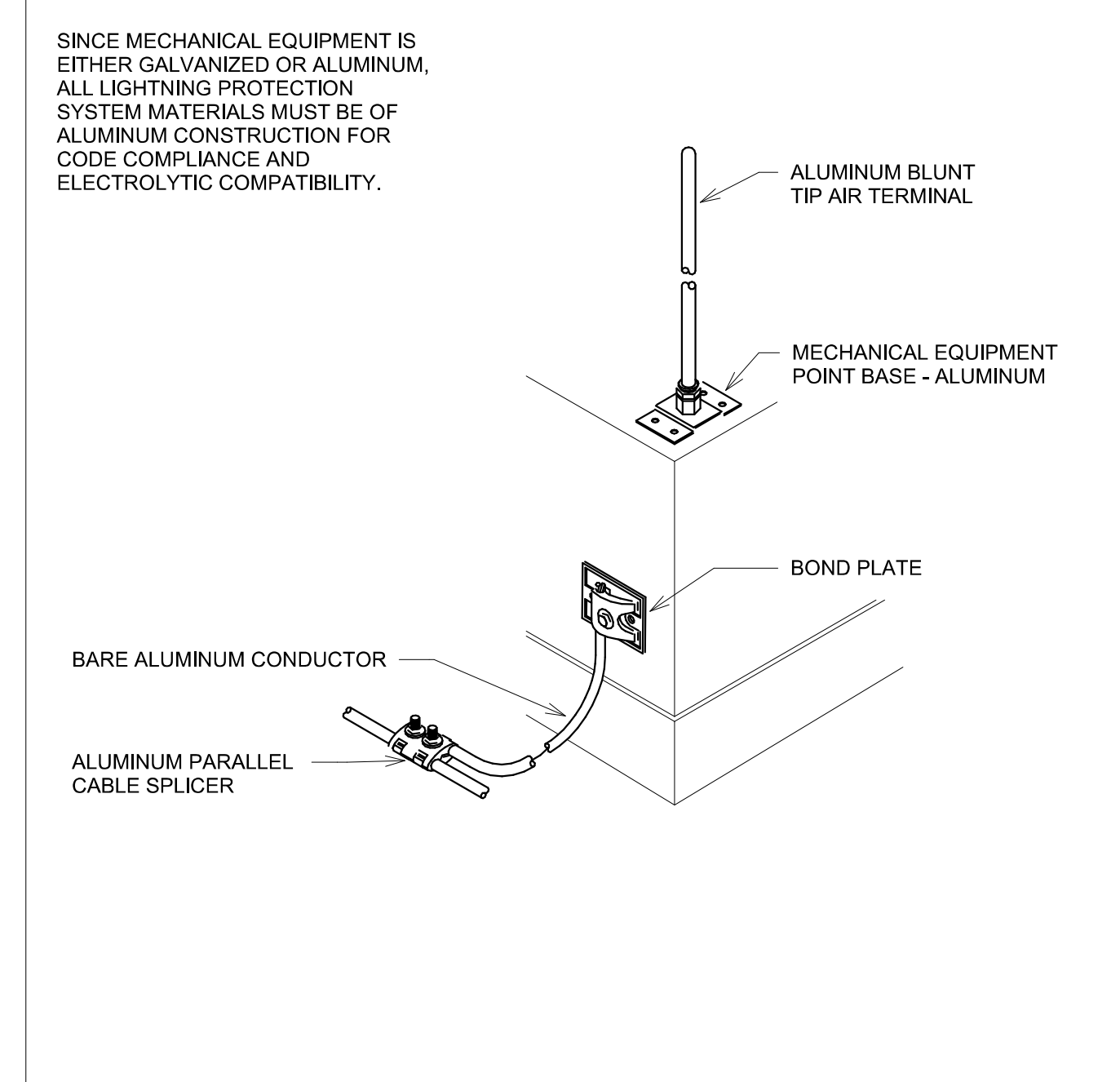
3 FIRE/SMOKE DAMPER - AREA DETECTOR DIAGRAM
NO SCALE



4 CARD READER ROUGH-IN DETAIL - HEALTH CARE
NO SCALE



7 HORIZONTAL CABLING DETAIL
NO SCALE



9 AIR TERMINAL - MECHANICAL EQUIPMENT - PARALLEL CABLE DETAIL
NO SCALE

CONSULTANTS			ARCHITECT OF RECORD			STAMP			Office of Construction and Facilities Management			Drawing Title ELECTRICAL DETAILS			Phase			Project Title RENOVATE FIRST FLOOR FOR NEW KITCHEN FOR THE SIOUX FALLS VA MEDICAL CENTER			Project Number VA #438-21-403 SGA #201956																	
CIVIL: Ulteig Ulteig Engineers, Inc. 5701 South Corporate Place Sioux Falls, SD 57108 Phone: 605-323-2306			STRUCTURAL: ERA ERICKSEN ROED Erickson Reed Associates 2550 University Ave W Suite 423-S St. Paul, MN 55402 Phone: 612-251-7570			MEP: DUNHAM Dunham Associates, Inc. 30 South Sixth St Suite 1100 Minneapolis, MN 55402 Phone: 612-465-7550			FOOD SERVICE: RIPPE ASSOCIATES Foodservice Design + Consulting Rippe Associates 10400 Yellow Circle Dr Suite 100 Minneapolis, MN 55343 Phone: 952-933-0313			STONE GROUP ARCHITECTS Stone Group Architects, Inc. 600 East 7th Street Sioux Falls, SD 57103 Phone: 605-271-1144			13954 JUSTIN A. J. J. J. REGISTERED PROFESSIONAL ENGINEER SIOUX FALLS, SD 08-18-2026			VA U.S. Department of Veterans Affairs			Approved:			Issue Date 08-18-2026			Checked CB			Drawn BZ			Building Number 5			Drawing Number EE501		
1 ISSUE SET 08-18-2026			2			3			4			5			6			7			8			9			10											