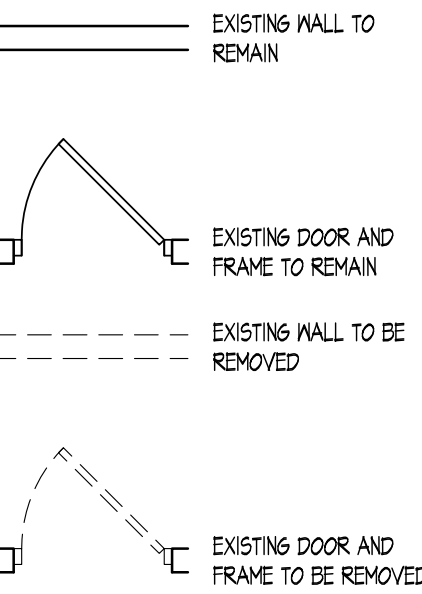


- SELECTIVE DEMOLITION NOTES:**
- 1 COMPLETELY REMOVE ALL EXISTING ELEVATOR MACHINE ROOM EQUIPMENT, INCLUDING BUT NOT LIMITED TO, MOTION CONTROLLERS, DRIVE MACHINES, PANELS, DISCONNECT SWITCHES, CONDUIT, AND LIGHT FIXTURES, ETC. PATCH AND REPAIR THE WALL, FLOOR AND CEILING AS REQUIRED WHERE EXISTING EQUIPMENT WAS MECHANICALLY ATTACHED. SEE SPECIFICATION SECTION 14 24 10 FOR FULL DESCRIPTION OF SCOPE OF WORK. SEE MECH/ELEC. DEMO PLAN.
 - 2 COMPLETELY REMOVE EXISTING ELEVATOR EQUIPMENT IN THE ELEVATOR HOISTWAYS, INCLUDING BUT NOT LIMITED TO, PIT LADDER, HATCH EQUIPMENT, CAR DOOR EQUIPMENT, HOISTWAY DOOR COMPONENTS. SEE SPECIFICATION SECTION 142410 FOR FULL LISTING OF EQUIPMENT TO BE REPLACED, RETAINED, AND RECONDITIONED. SEE MECH/ELEC. DEMO PLAN.
 - 3 COMPLETELY REMOVE ALL CAR AND CORRIDOR FIXTURES NOTED TO BE REPLACED IN SPECIFICATION SECTION 142410. EXISTING ENTRANCE FRAMES TO REMAIN. PATCH EXISTING LOCATIONS WHERE EQUIPMENT IS REMOVED TO MATCH EXISTING IN ALL ASPECTS, I.E. SIZE, TYPE, COLOR, ETC.
 - 4 REMOVE EXISTING CAB INTERIOR FINISHES COMPLETELY, INCLUDING, BUT NOT LIMITED TO FLOORING, HANDRAILS, WALL CLADDING, CEILING, AND LIGHTING. PREPARE TO RECEIVE NEW FINISHES.
 - 5 REMOVE EXISTING OPERATING COMPONENTS FOR HOISTWAY DOORS. DOOR PANELS TO REMAIN

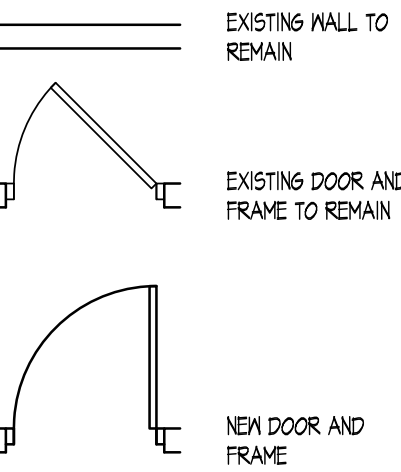
DEMOLITION KEY:



TYPICAL DEMOLITION GENERAL NOTES:

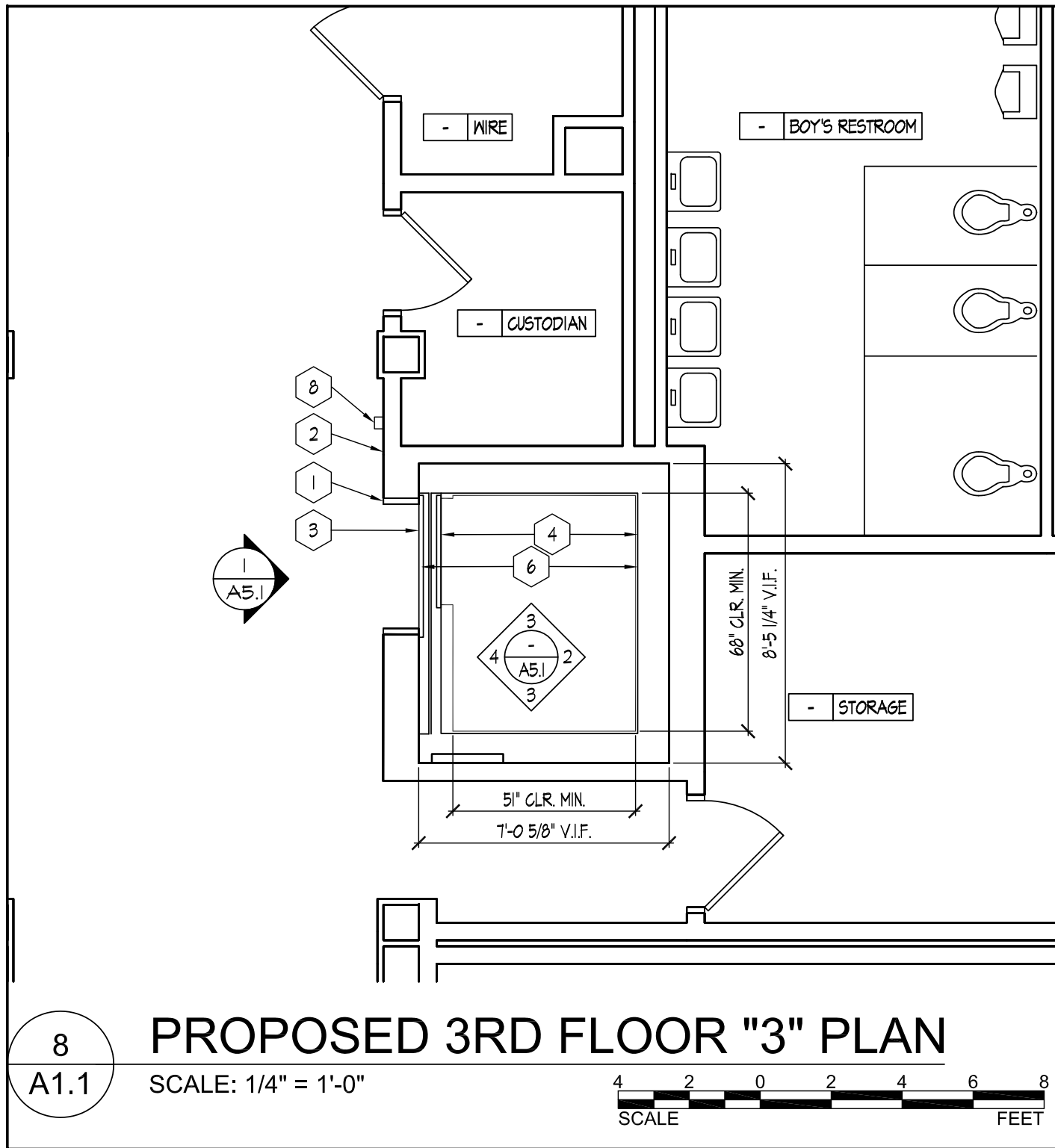
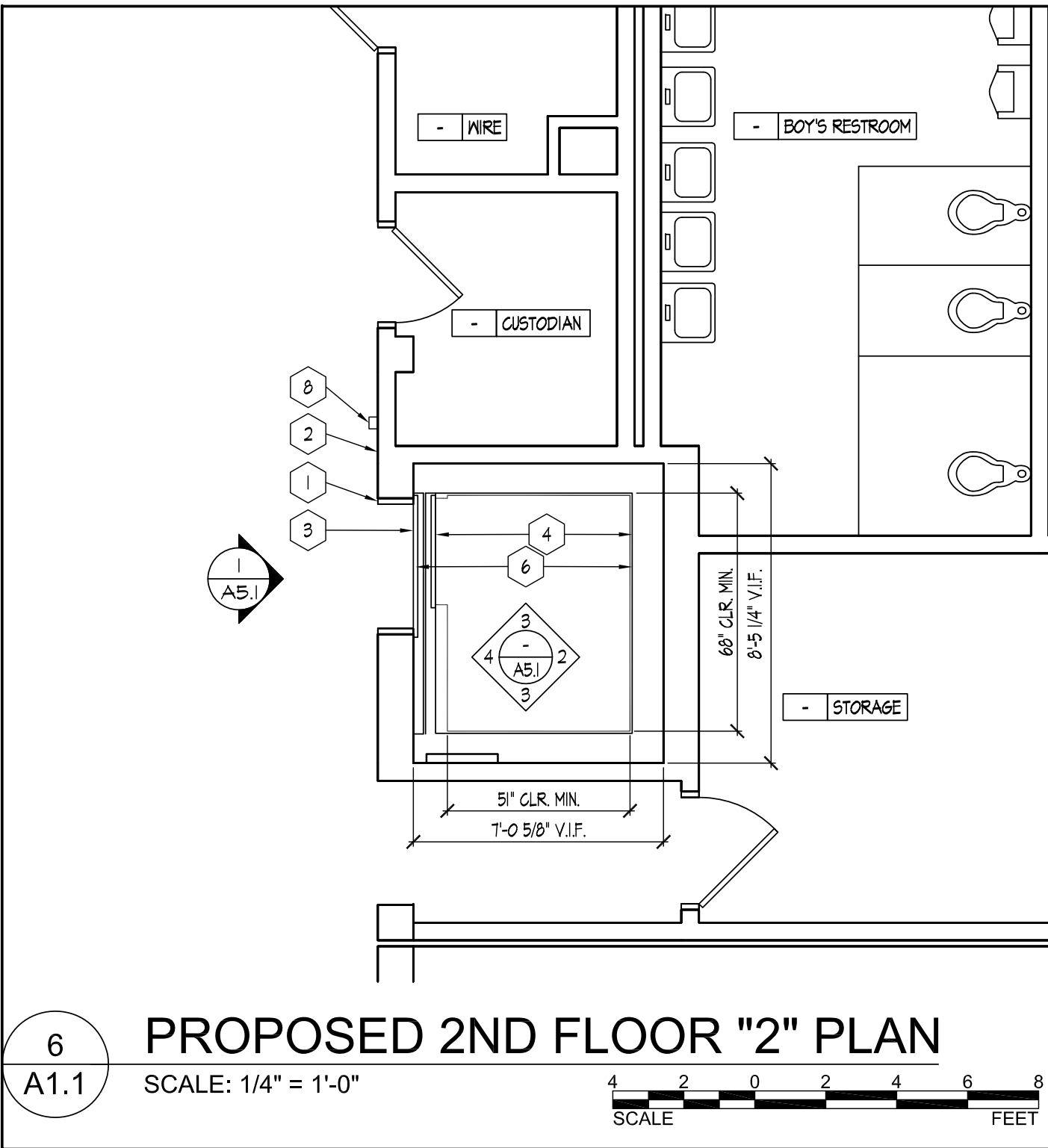
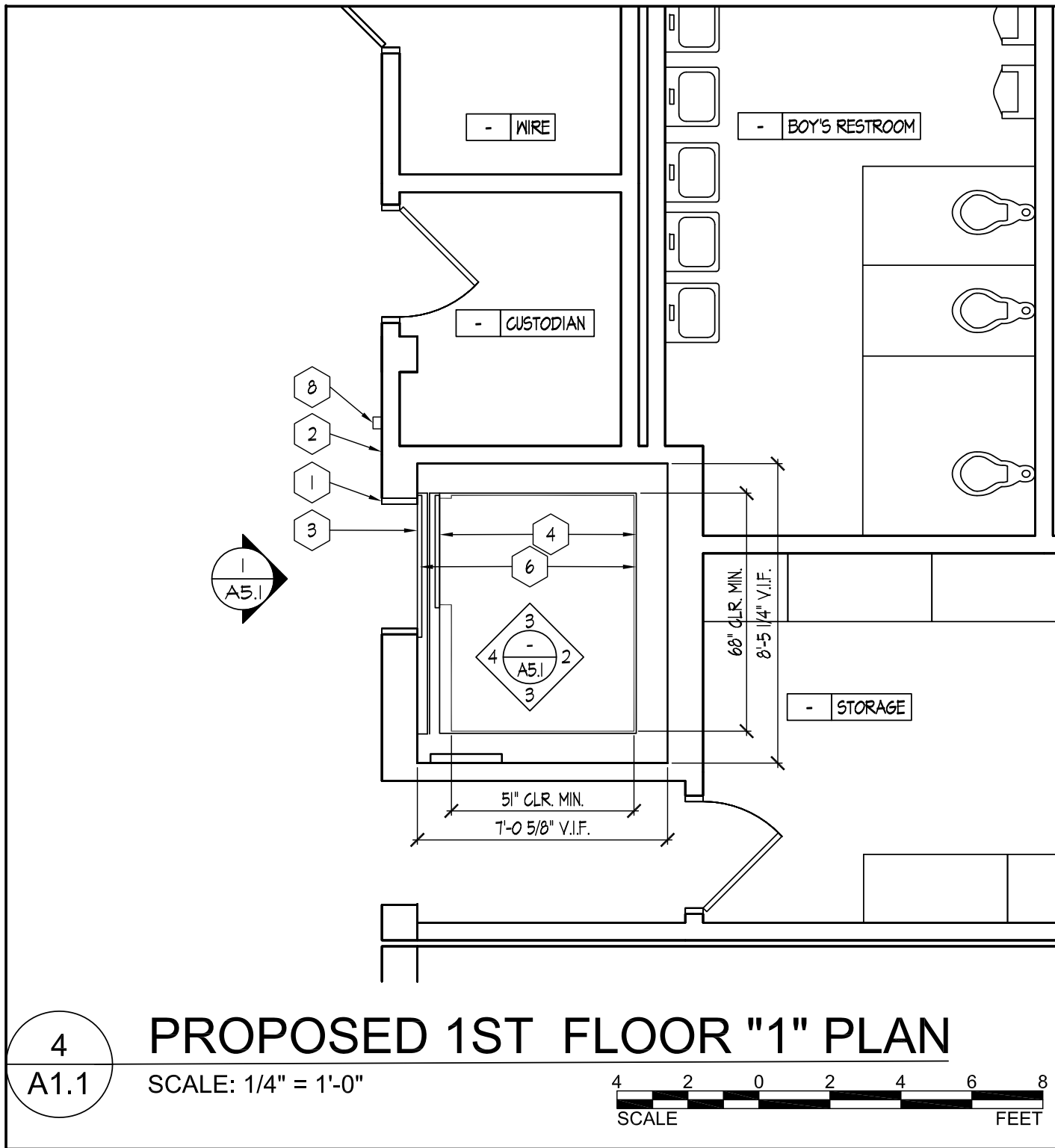
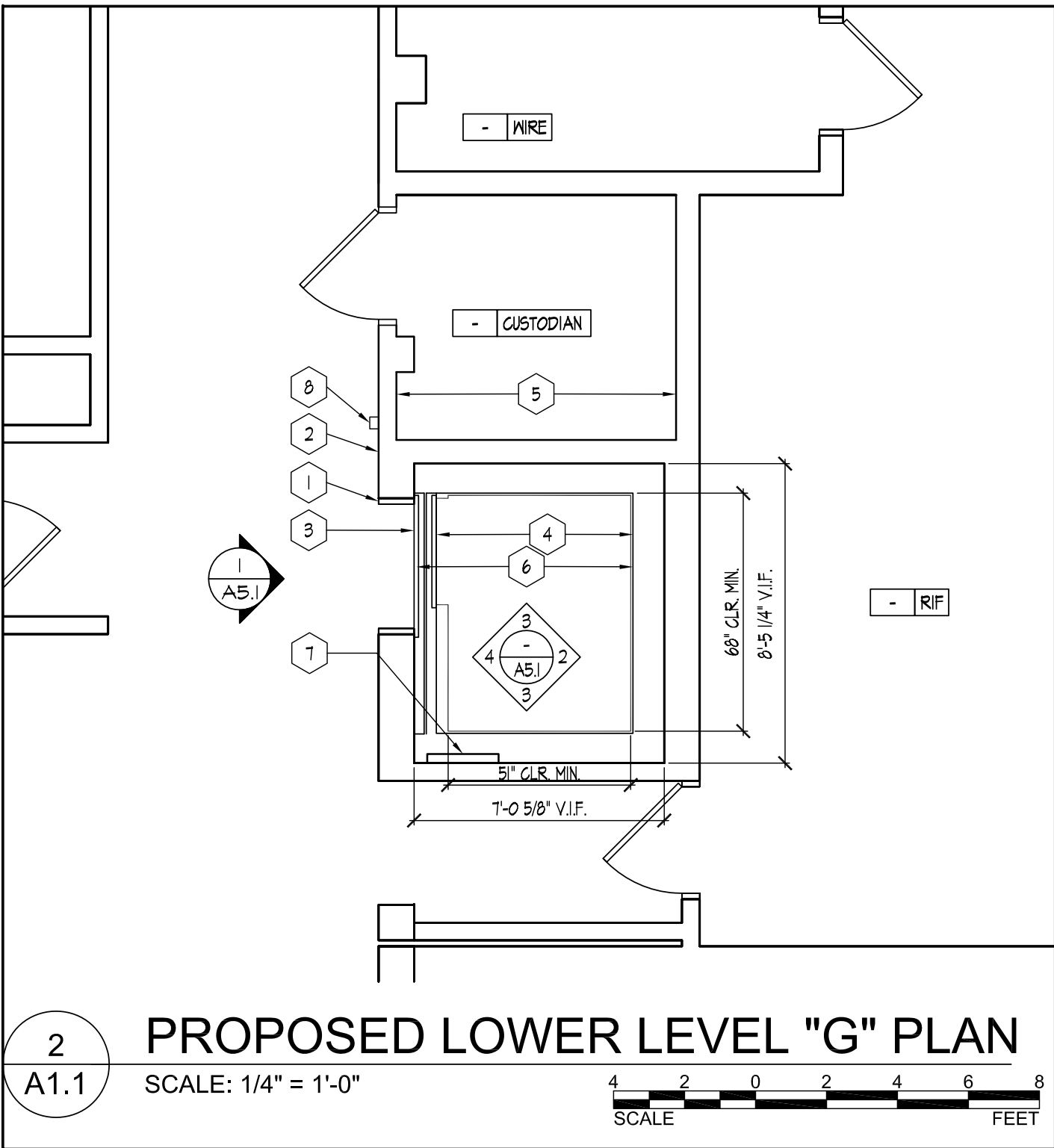
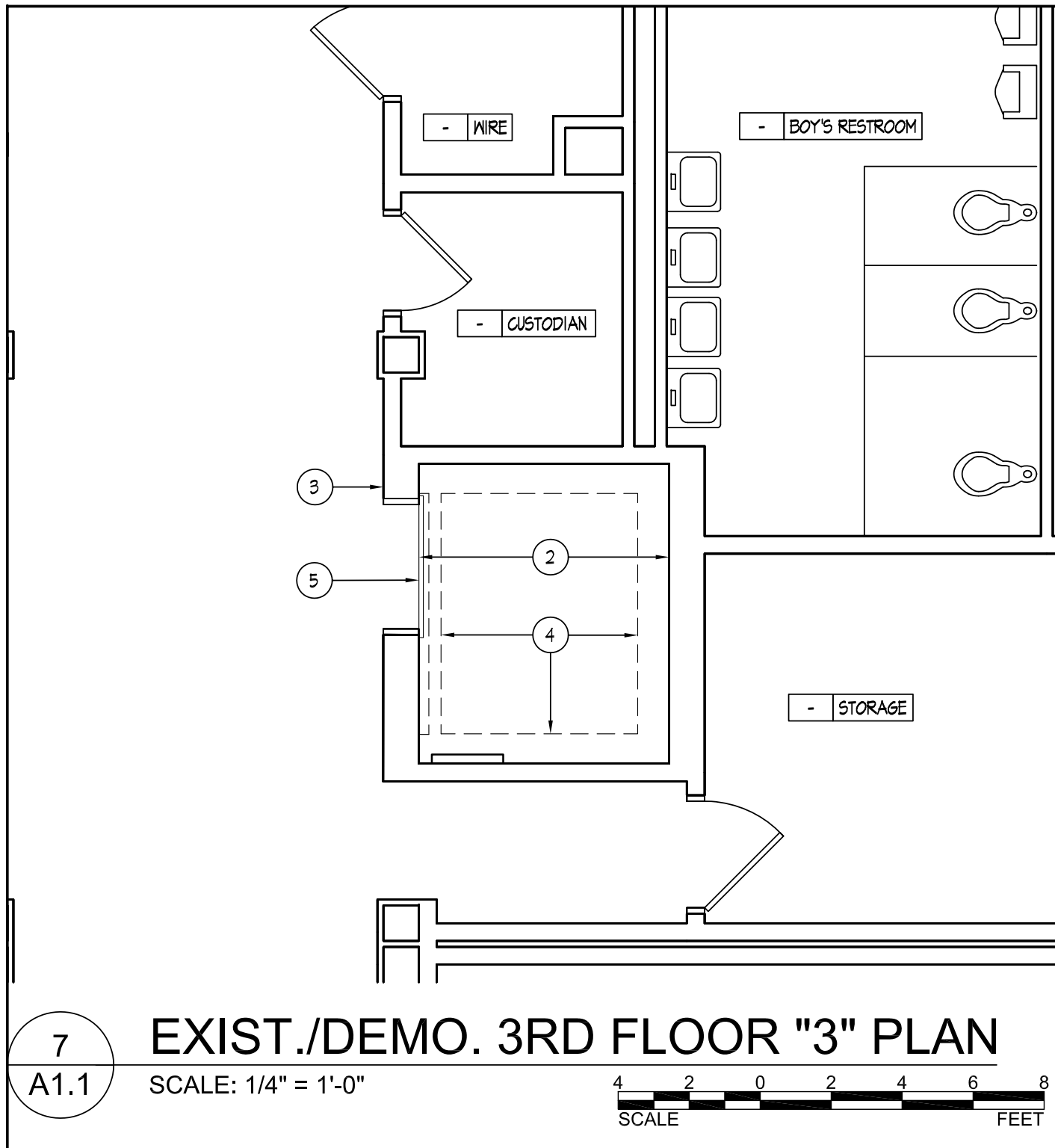
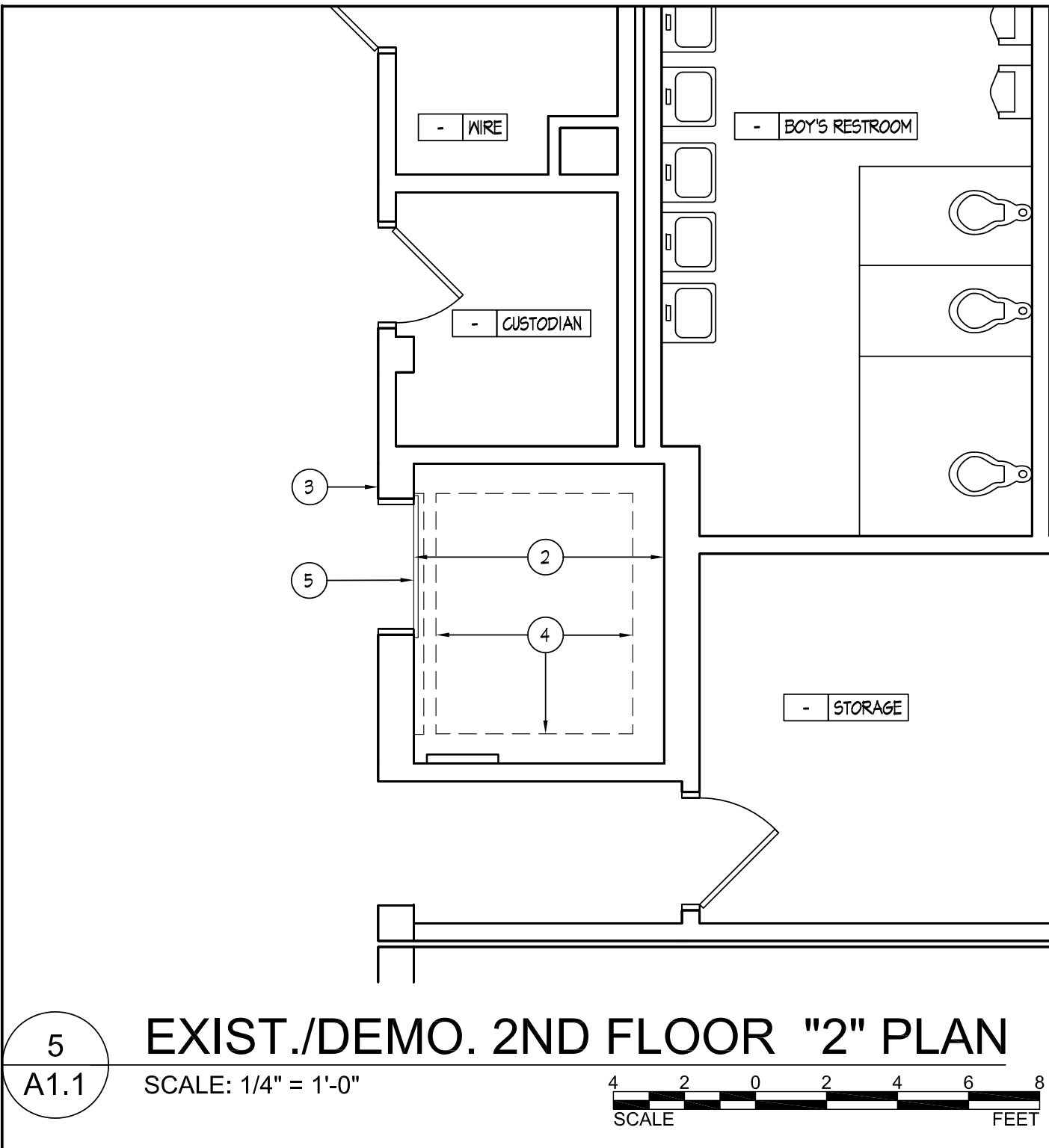
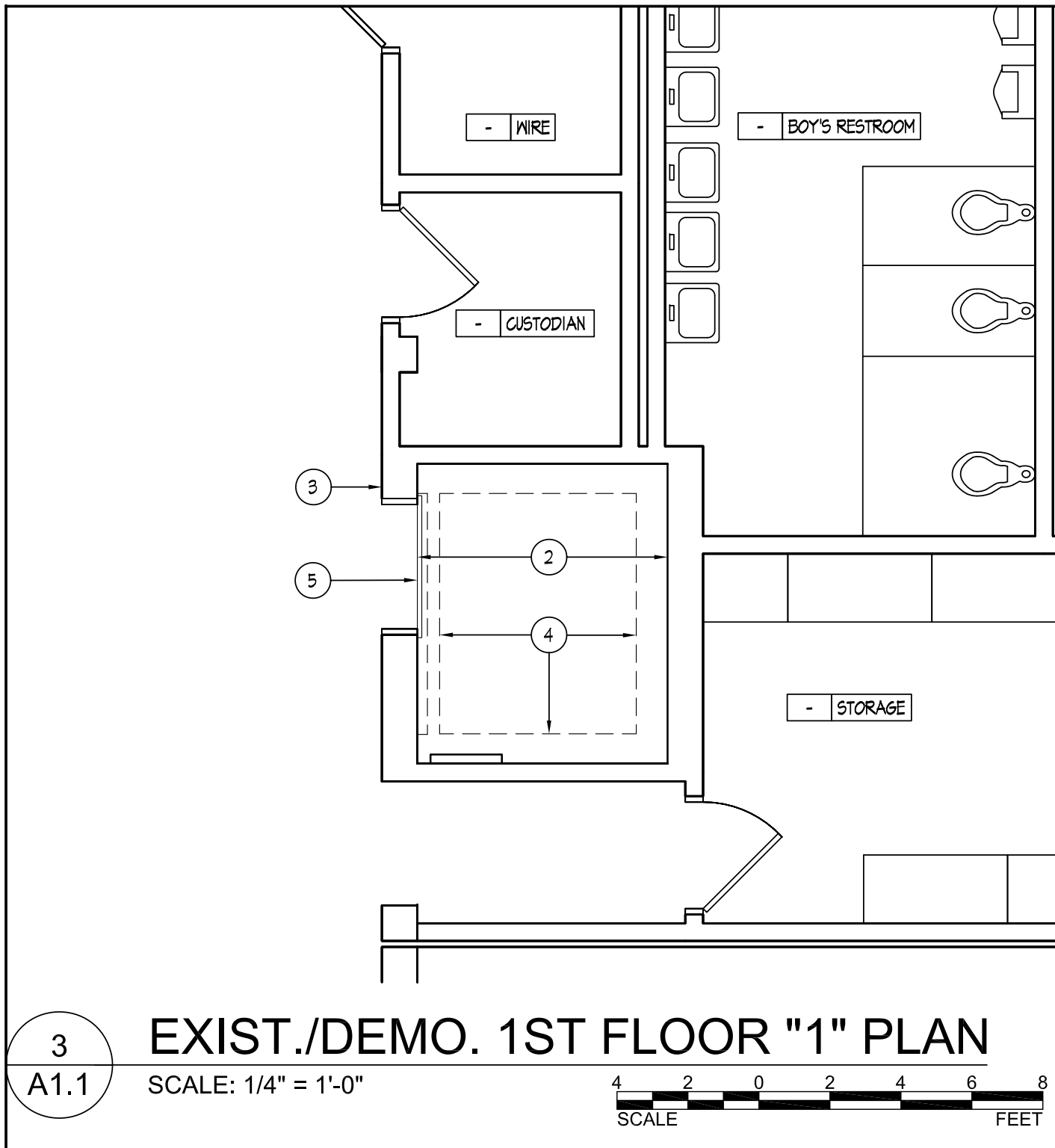
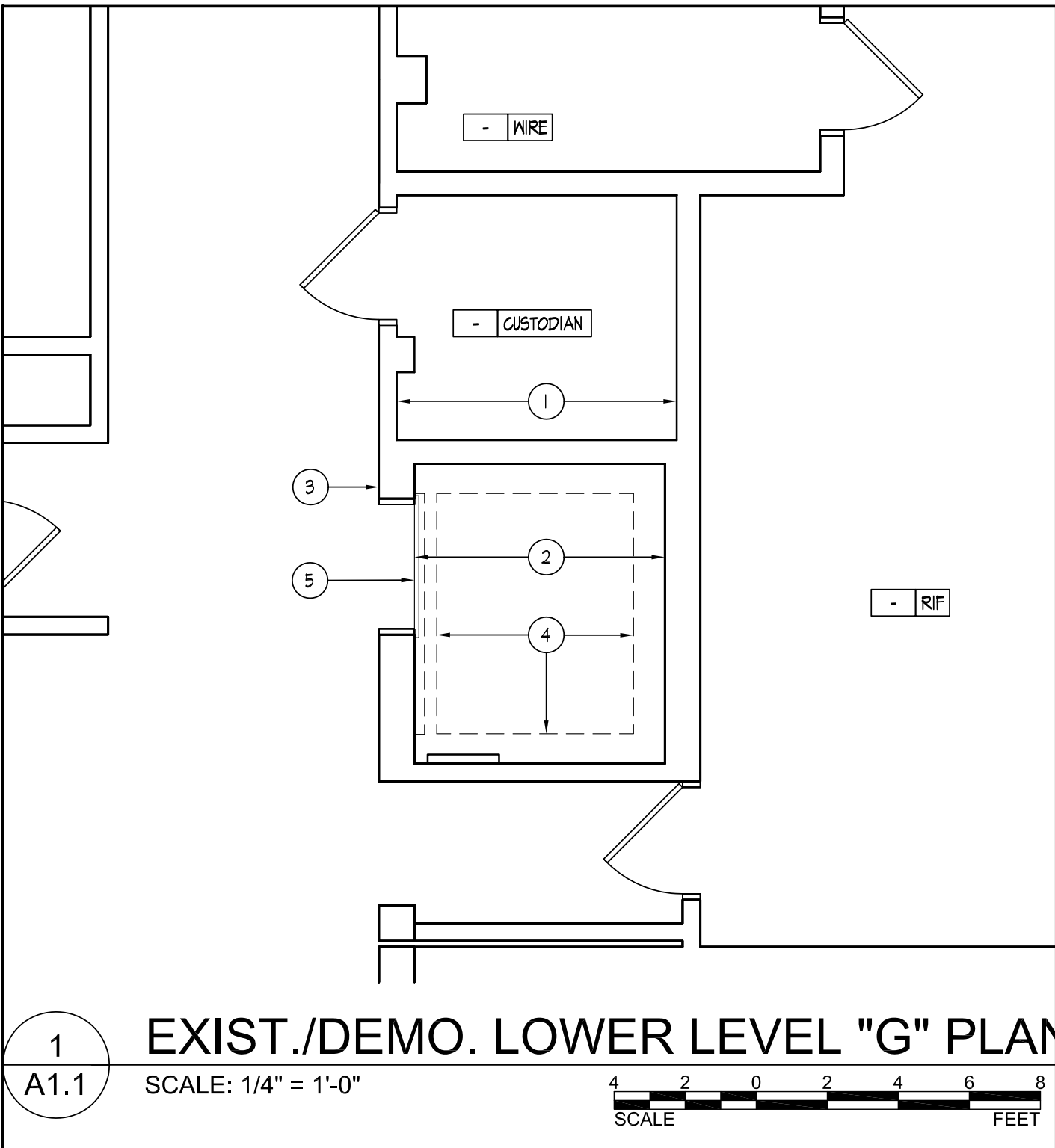
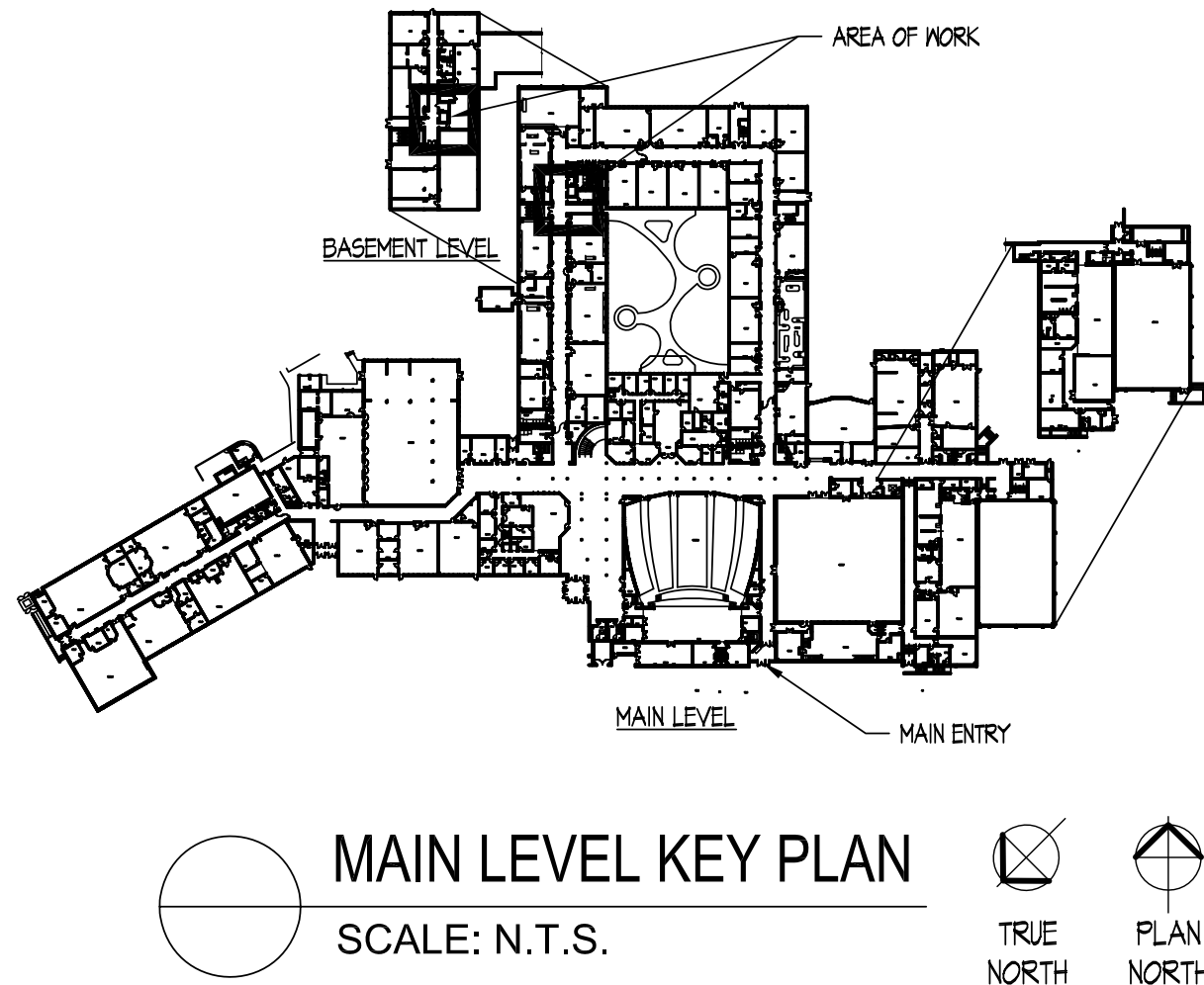
1. CONTRACTOR IS RESPONSIBLE FOR ALL DEMO. REQ'D FOR INSTALLATION OF NEW WORK. DEMO. PLANS ARE FOR GRAPHICAL INFORMATION ONLY AND MAY NOT INDICATE COMPLETE EXTENT OF DEMO.REMOVAL REQUIRED TO PREPARE SPACE FOR INSTALLATION OF NEW WORK.
2. AREAS AND COMPONENTS OF DEMOLITION DENOTED BY DASHED LINES.
3. THE CONTRACTOR SHALL RETURN ALL SALVAGEABLE MATERIAL AND/OR EQUIPMENT NOTED TO BE REMOVED ON SHEET A1.1 TO THE OWNER. THE OWNER SHALL STORE SALVAGEABLE MATERIAL AND/OR EQUIPMENT AT THEIR DISCRETION. THE CONTRACTOR SHALL DISPOSE OF ALL NON-SALVAGEABLE MATERIALS IN ACCORDANCE WITH LOCAL CODES.
4. THE CONTRACTOR SHALL CONSULT WITH THE ARCHITECT ON ANY CONCEALED CONDITIONS UNCOVERED DURING DEMOLITION THAT IMPEDES THE EXECUTION OF THE DESIGN AS INDICATED ON THE DRAWINGS.
5. ALL AREAS OF DEMOLITION SHALL BE PATCHED OR REPAIRED AS REQUIRED.
6. DEMO. WITH PROPOSED NEW CONST. INCLUDING CLS., LIGHTS, POWER DATA, SPRINKLER HEADS, WALLS, DRS., FRAMES, HOM, FIN, ETC.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING AND BRACING REQ'D THROUGHOUT THE CONSTRUCTION PERIOD. AT ALL TIMES AND TO PROVIDE AND BE RESPONSIBLE FOR SHORING AND BRACING REQ'D THROUGHOUT THE CONSTRUCTION PERIOD.
8. ANY ITEMS NOT NOTED TO BE DEMOLISHED, BUT REQUIRING REMOVAL IN ORDER TO ACCOMPLISH THE REQUIRED DEMOLITION WORK, SHALL BE REINSTALLED OR REPLACED IN KIND IN LOCATION DIRECTED BY OWNER UPON COMPLETION OF THE NEW CONSTRUCTION, U.O.N.
9. JOB SITE SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. ANY AREAS DAMAGED BY THE DEMOLITION AND/OR CONSTRUCTION WORK SHALL BE REPAIRED AND/OR RECEIVE NEW SUBSTRATES, FINISHES, AND/OR MATERIALS TO MATCH THE EXISTING AFFECTED ITEMS. ANY REPAIR OR REPLACEMENT WORK SHALL BE PERFORMED TO A LEVEL OF QUALITY EQUAL TO THAT FOUND PRIOR TO BEGINNING WORK ON THIS PROJECT.
11. THE SELECTIVE DEMOLITION AS SHOWN ON THE DRAWINGS IS DIAGRAMMATIC, AND IN NO WAY ATTEMPTS TO SHOW ALL EXISTING FIXTURES, CONNECTIONS AND FITTINGS, AND OTHER MISCELLANEOUS ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING/COORDINATING ALL MISCELLANEOUS DEMOLITION AS REQUIRED DUE TO FIELD CONDITIONS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL THE CONTAINMENT OF DUST AND DEBRIS DURING THE DEMOLITION PERIOD AND SHALL OBTAIN ALL REQUIRED PERMITS AND COORDINATE WITH THE COUNTY BUILDING DEPARTMENT THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD. DAILY SITE CLEANING WILL BE REQUIRED WITH ADDITIONAL CLEANING IF REQUIRED BY THE AUTHORITIES HAVING JURISDICTION. PRIOR TO BEGINNING DEMO, THE CONTRACTOR SHALL SUBMIT TO THE OWNER A DEMO. PLAN OUTLINING THE DESIRED PLACEMENT OF DUMPSTERS, DUST & DEBRIS CONTROL MEASURES AND SCHED. OF ACTIVITIES. THE CONTRACTOR SHALL COORD. W/ THE OWNER PRIOR TO EACH DEMO. ACTIVITY.
13. PROVIDE TEMP. COVER OR PARTITIONS TO PROTECT EXIST. BLDGS. DURING CONST. FROM EXPOSURE TO AND DAMAGE FROM THE ELEMENTS.
14. EXISTING FINISHES SPECIFICALLY NOT CALLED OUT TO BE REMOVED ARE TO REMAIN (PAINT, FLOORING, ETC.). PREPARE EXISTING SURFACES FOR APPLICATION OF NEW FINISHES AS REQUIRED BY MANUFACTURER RECOMMENDATIONS.
15. SEE MECHANICAL, PLUMBING, & ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.

PROPOSED KEY:



SELECTIVE PROPOSED NOTES:

- 1 EXISTING METAL ELEVATOR ENTRANCE FRAME TO REMAIN.
- 2 PROVIDE NEW ADA-COMPLIANT CORRIDOR BUTTONS, PANELS, LANTERNS, & CALL STATION. PROVIDE ADA-COMPLIANT EVACUATION AND JAMB SIGNAGE. REPAIR ALL SURFACES TO MATCH EXIST. SEE INTERIOR ELEVATIONS.
- 3 EXIST DOOR PANELS TO REMAIN. REPLACE OPERATING COMPONENTS.
- 4 PROVIDE NEW FINISHES WITHIN THE ELEVATOR CAB, INCLUDING BUT NOT LIMITED TO: FLOORING, CEILING, AND WALL FINISHES. INSTALL NEW ELEVATOR CAB ACCESSORIES, GRAB RAILS, LIGHTING, COMMUNICATION EQUIPMENT, AND CONTROLS PER SPECIFICATIONS. CONFIGURE NEW FINISHES WITHIN THE EXISTING CAB STRUCTURE TO COMPLY WITH ADAAS MINIMUM CLEARANCES OF 5'1" DEPTH X 68" WIDTH.
- 5 INSTALL NEW HYDRAULIC ELEVATOR MACHINE ROOM EQUIPMENT, INCLUDING BUT NOT LIMITED TO: MOTION CONTROLLERS, DRIVE MACHINES, WIRING, ETC. PER SPECIFICATION SECTION 14 24 10. INSTALL NEW SPLIT-SYSTEM HVAC UNIT, SEE MEP DRAWINGS FOR INFORMATION.
- 6 WHERE REQUIRED INSTALL NEW POWER & LIGHTING @ ELEVATOR SHAFT, SEE ELECTRICAL DRAWINGS FOR INFORMATION.
- 7 MODIFY OR REPLACE EXISTING STL. PIT LADDER AS REQUIRED TO FULLY COMPLY WITH CURRENT CODES, INCLUDING, GRAB BARS 48" ABOVE SILL, RINGS AT LEAST 12" WIDE, AND A RING ADJACENT TO FLUSH WITH ENTRANCE SILL.
- 8 NEW CARD READER INTERLOCKED WITH KEY SWITCH. ROUTE CONTROL AND POWER WIRING FROM ABOVE CEILING WITH SURFACE MOUNTED WIREMOLD CONDUIT. SEE SPECIFICATION SECTION 14 24 10.



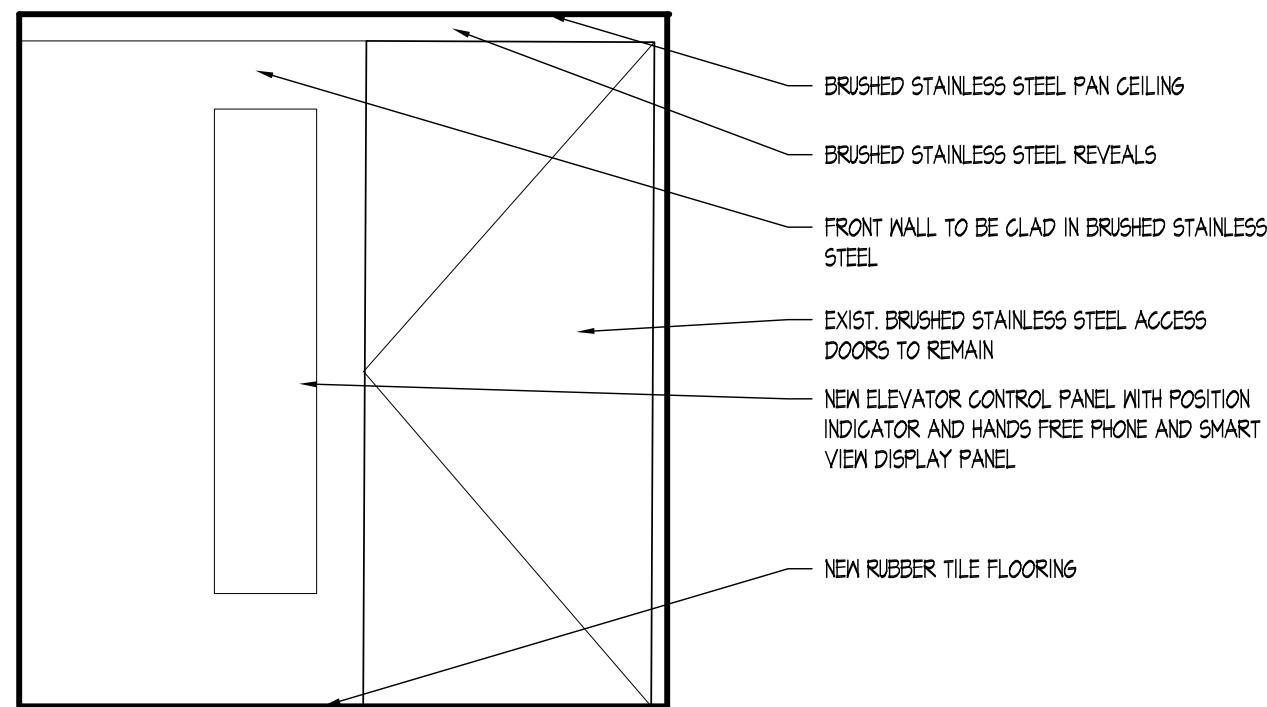
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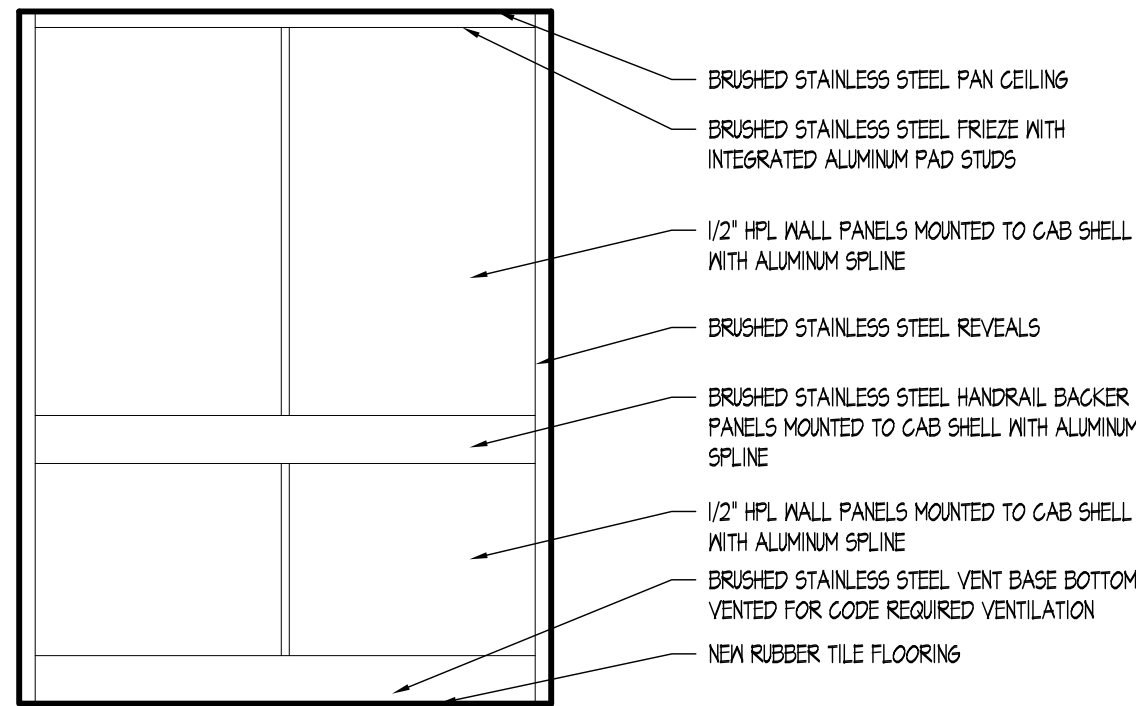
PROJECT NO.: 24-14.07
DATE: 06/12/2026

INTERIOR ELEVATIONS

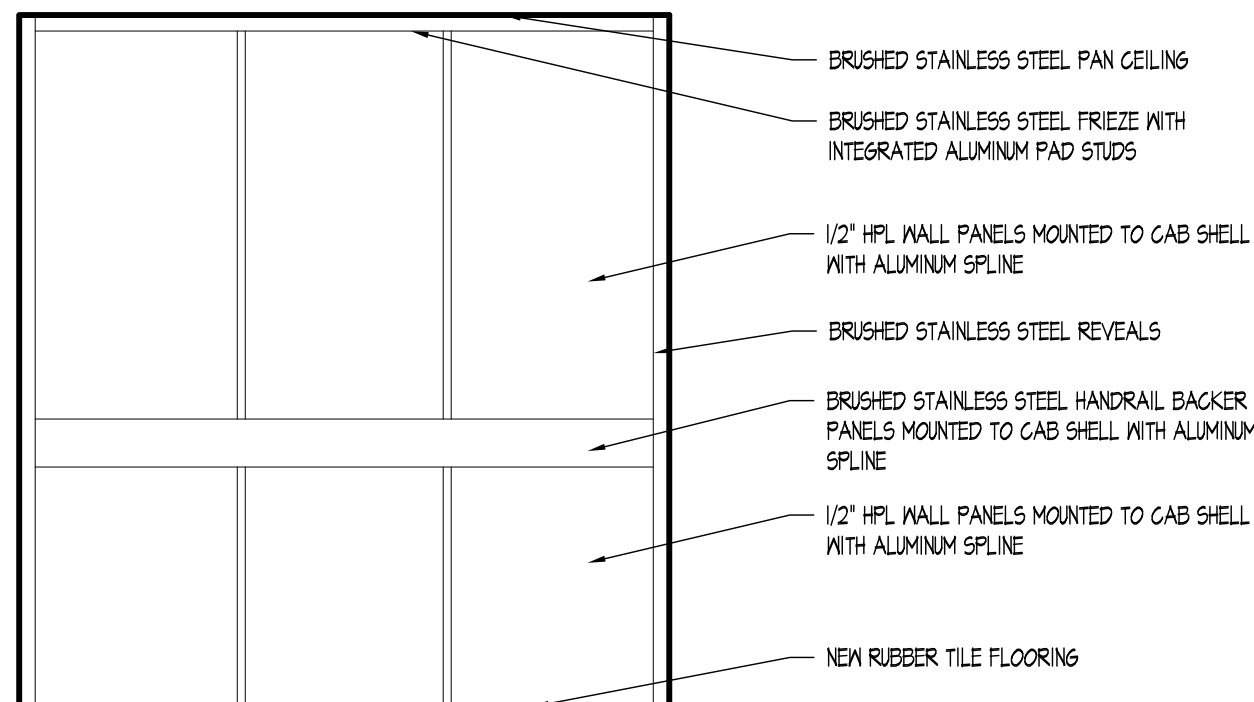
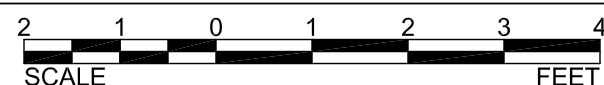
A5.1



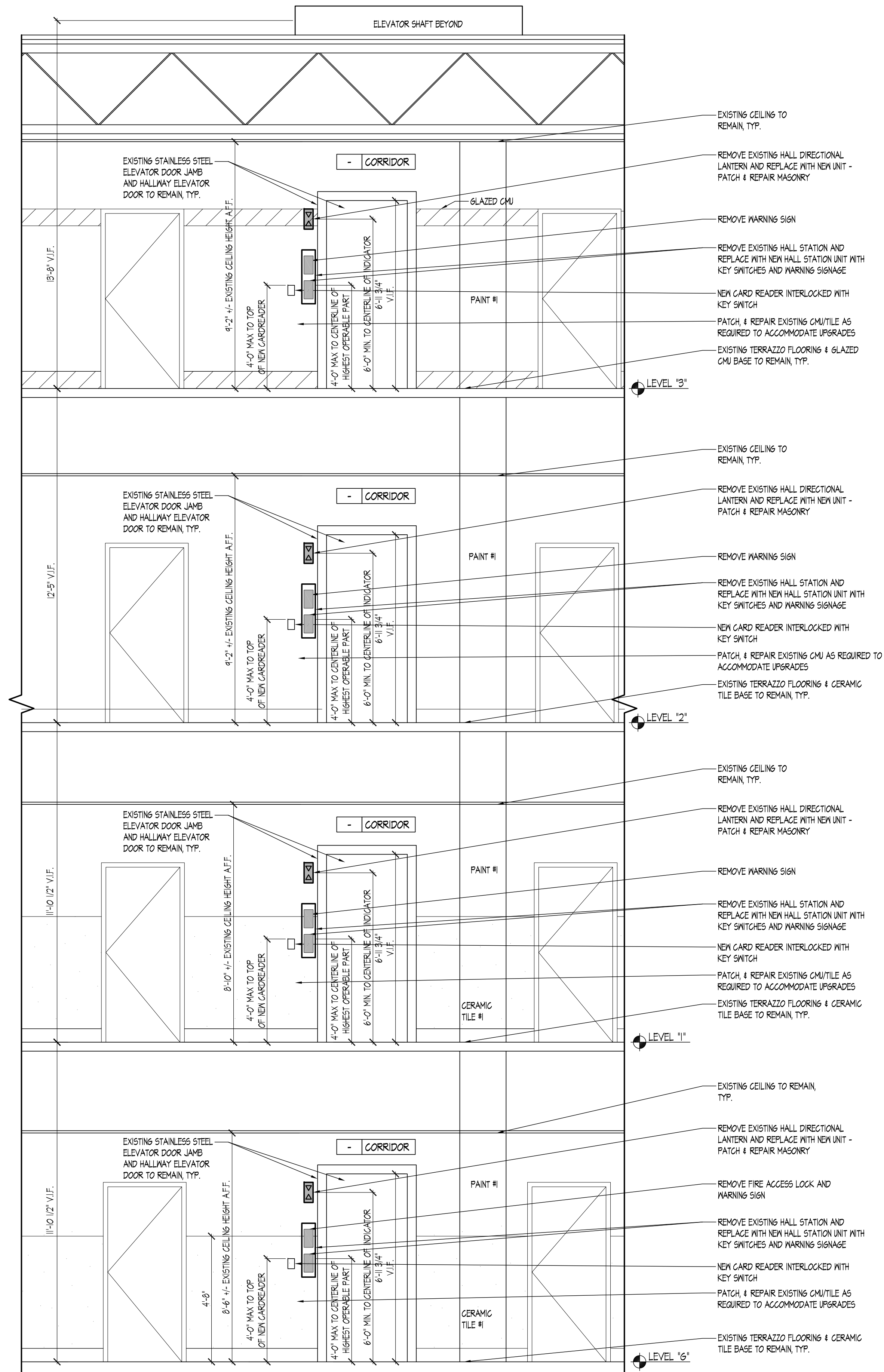
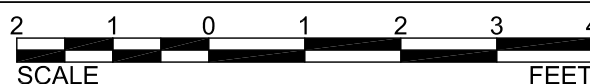
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A5.1
INTERIOR ELEVATION - CAB FRONT ELEVATION
SCALE: 1/2" = 1'-0"



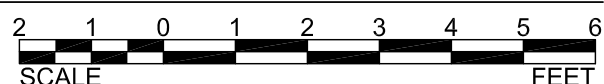
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A5.1
INTERIOR ELEVATION - TYP. CAB SIDE ELEVATION
SCALE: 1/2" = 1'-0"



2
A5.1
INTERIOR ELEVATION - CAB REAR ELEVATION
SCALE: 1/2" = 1'-0"



1
A5.1
INTERIOR ELEVATION - ELEVATOR LOBBY
SCALE: 3/8" = 1'-0"





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MECHANICAL LEGEND & ABBREVIATIONS

GENERAL NOTES AND CONDITIONS:

- GENERAL CONSTRUCTION NOTES:

- | SYMBOL | ABBREV | DEFINITION |
|--------|---------------------|--|
| | SA | SUPPLY AIR DUCT UP, DOWN |
| | RA | RETURN AIR DUCT UP, DOWN |
| | EA | EXHAUST AIR DUCT UP, DOWN |
| | OA | OUTSIDE AIR DUCT UP, DOWN |
| | | RECT. TO ROUND TRANSITION |
| | | FLEXIBLE CONNECTION (DUCTWORK) |
| | | FLEXIBLE DUCT |
| | VD | MANUAL VOLUME DAMPER |
| | FD | FIRE DAMPER |
| | MOD | MOTOR OPERATED DAMPER |
| | SD | SMOKE DAMPER |
| | CD | COMBINATION FIRE/SMOKE DAMPER |
| | SL | ACOUSTICAL DUCT LINING |
| | | DUCT TRANSITION |
| | | CHANGE IN ELEVATION RISE (R); DROP (D) |
| | AMS | AIR MONITORING STATION |
| | | SOUND ATTENUATOR |
| | DD | DUCT SMOKE DETECTOR |
| | | ELBOW W/TURNING VANES |
| | | RADIUS ELBOW |
| | | RETURN AIR REGISTER W/BOOT |
| | T'STAT | THERMOSTAT |
| | | GATE VALVE |
| | | GLOBE VALVE |
| | | BALL VALVE |
| | | BALANCING VALVE |
| | | MULTI-PURPOSE VALVE |
| | | CHECK VALVE |
| | | BUTTERFLY VALVE |
| | | 3-WAY MODULATING VALVE (ATC) |
| | | 2-WAY MODULATING VALVE (ATC) |
| | PRV | PRESSURE REDUCING VALVE |
| | | NEEDLE VALVE |
| | | PRESSURE RELIEF OR SAFETY VALVE |
| | HED | HOSE END DRAIN VALVE |
| | | STRAINER W/HOSE END DRAIN VALVE & CAP |
| | | COMBINATION BALANCING/SHUT-OFF VALVE |
| | | AUTOMATIC AIR VENT |
| | | MANUAL AIR VENT |
| | | FLOW METER FITTING |
| | | UNION |
| | | FLANGE |
| | | CONCENTRIC REDUCER |
| | | ECCENTRIC REDUCER |
| | | FLEXIBLE CONNECTION (PIPING) |
| | | THERMOMETER |
| | | PRESSURE GAUGE W/NEEDLE VALVE |
| | | TEMPERATURE SENSOR |
| | | PIPE ALIGNMENT GUIDE |
| | | PIPE ANCHOR |
| | F&T | FLOAT AND THERMOSTATIC TRAP |
| | | PIPE-TURN DOWN |
| | | PIPE-TURN UP |
| | | PIPE-TURN DOWN (DOUBLE LINE PIPE) |
| | | PIPE-TURN UP (DOUBLE LINE PIPE) |
| | | PIPE TEE UP |
| | | PIPE TEE DOWN |
| | | END CAP |
| | | DIRECTION OF FLOW |
| | | CONNECT TO EXISTING |
| | | DEMOLITION ENDS HERE |
| | | DRAWING NOTE DESIGNATION |
| | | AIR DEVICE DESIGNATION |
| | | EQUIPMENT BOX DESIGNATION |
| | % | PERCENT |
| | φ | ELECTRICAL PHASE |
| SYMBOL | ABBREV | DEFINITION |
| | AD | ACCESS DOOR |
| | AFF | ABOVE FINISHED FLOOR |
| | APFF | AIRFOIL PLENUM FAN |
| | AHU | AIR HANDLING UNIT |
| | AMS | AIR MONITORING STATION |
| | AP | ACCESS PANEL |
| | APD | AIR PRESSURE DROP |
| | ATC | AUTOMATIC TEMPERATURE CONTROL |
| | BBR | BASEBOARD RADIATION |
| | BHP | BOILER HORSEPOWER |
| | BHP | BRAKE HORSEPOWER |
| | BTU | BRITISH THERMAL UNIT |
| | C | CLOSED |
| | CAP | CAPACITY |
| | CAV | CONSTANT AIR VOLUME |
| | CFM | CUBIC FEET PER MINUTE |
| | CONV | CONVECTOR |
| | CS | CONDENSER SUPPLY |
| | CR | CONDENSER RETURN |
| | CHS(P) | CHILLED WATER SUPPLY (PRIMARY) |
| | CHR(P) | CHILLED WATER RETURN (PRIMARY) |
| | CHS(S) | CHILLED WATER SUPPLY (SECONDARY) |
| | CHR(S) | CHILLED WATER RETURN (SECONDARY) |
| | CW | DOMESTIC COLD WATER |
| | CUH | CABINET UNIT HEATER |
| | DB | DRY BULB |
| | DB | DECIBEL |
| | DIA | DIAMETER |
| | DIFF | DIFFUSER |
| | DWG | DRAWING |
| | EAT | ENTERING AIR TEMPERATURE |
| | EF | EXHAUST FAN |
| | EFF | EFFICIENCY |
| | ELECT. CHAR. | ELECTRICAL CHARACTERISTICS |
| | EMS | ENERGY MANAGEMENT SYSTEM |
| | ERV | ENERGY RECOVERY VENTILATOR |
| | ESP | EXTERNAL STATIC PRESSURE |
| | EX | EXISTING |
| | EXH | EXHAUST |
| | ETR | EXISTING TO REMAIN |
| | E/W | EACH WAY |
| | EWI | ENTERING WATER TEMPERATURE |
| | F | FAN |
| | °F | DEGREES FAHRENHEIT |
| | FCU | FAN COIL UNIT |
| | FPM | FEET PER MINUTE |
| | FT H ₂ O | FEET WATER GAUGE |
| | FTR | FINNED TUBE RADIATION |
| | FZ | FREEZESTAT |
| | G | NATURAL GAS |
| | GPM | GALLONS PER MINUTE |
| | HT | HEIGHT |
| | HS | HEATING SUPPLY |
| | HR | HEATING RETURN |
| | HWG | HOT WATER GENERATOR |
| | HZ | HERTZ |
| | IN H ₂ O | INCHES WATER GAUGE |
| | KW | KILOWATT |
| | LAT | LEAVING AIR TEMPERATURE |
| | LBS | POUNDS |
| | LF | LINEAR FOOT |
| | LWT | LEAVING WATER TEMPERATURE |
| | MAX | MAXIMUM |
| | MBH | BTU PER HOUR (THOUSAND) |
| | MIN | MINIMUM |
| | NC | NOISE CRITERIA |
| | N.C. | NORMALLY CLOSED |
| | No. | NUMBER |
| | N.O. | NORMALLY OPEN |
| | OAF | OUTSIDE AIR FAN |
| | O/C | ON CENTER |
| | OED | OPEN END DUCT |
| | P | PUMP |
| | | |



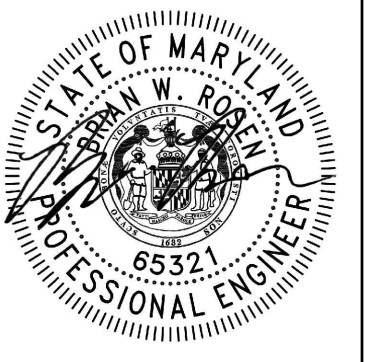
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I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE No. 65321

EXPIRATION DATE 2027/07/20



ELEVATOR MODERNIZATION FOR:
SPRINGBROOK HIGH SCHOOL
MONTGOMERY COUNTY PUBLIC SCHOOLS
201 VALLEY BROOK DRIVE
SILVER SPRING, MD 20904

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PROJECT NO.:	24-14.07
DATE:	06/12/2026

FLOOR PLANS

MP1.1

GENERAL NOTES:

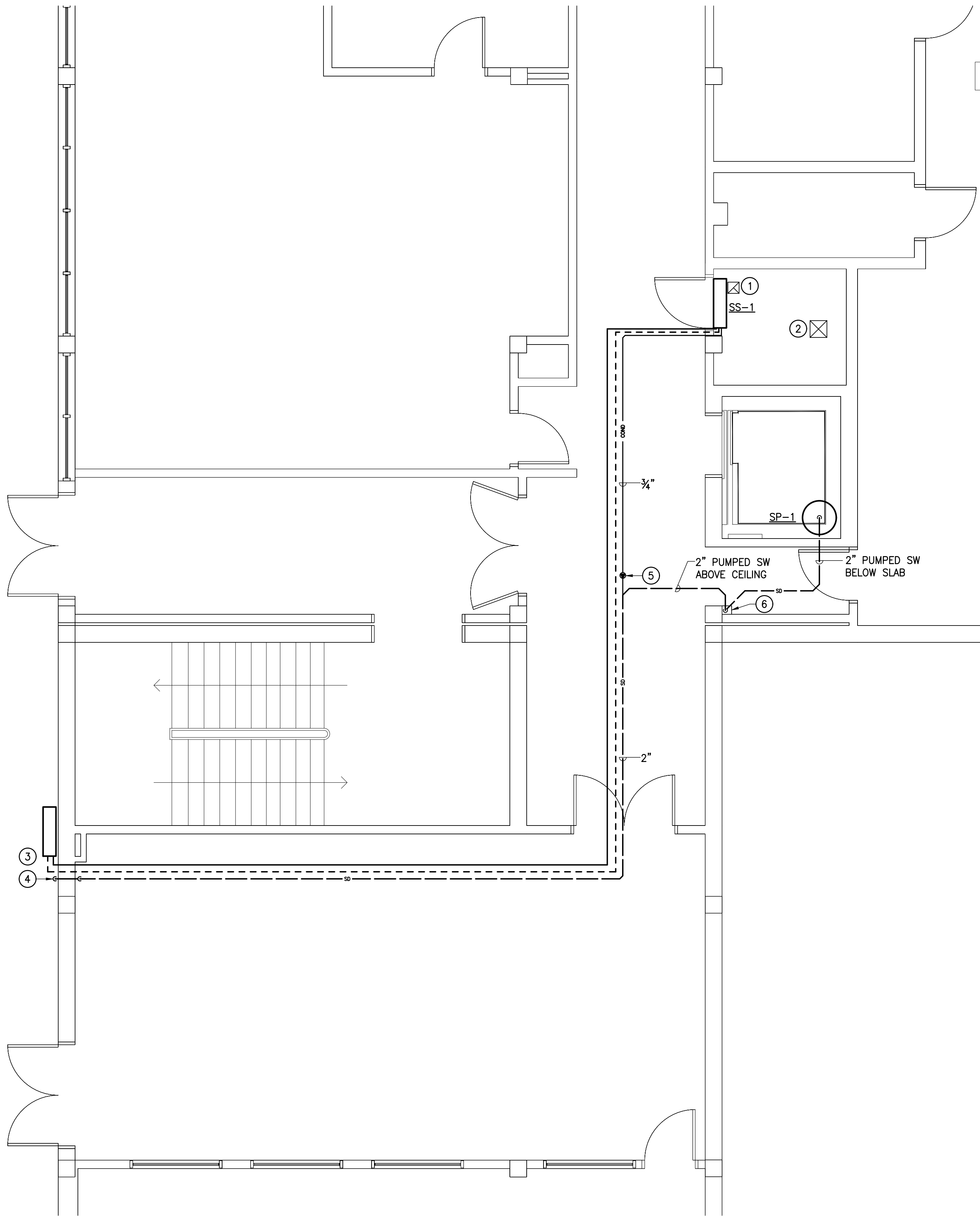
1. ALL EXISTING ELECTRICAL AND EMR VENTILATION SYSTEMS SHALL BE REVIEWED TO CONFIRM PROPER SEQUENCE OF OPERATION.
2. PATCH ALL HOLES, PENETRATIONS, ETC. (IN WALLS, FLOORS, ETC.) TO MATCH EXISTING MATERIALS AND PAINT TO MATCH EXISTING FINISHES.

DRAWING NOTES:

- ① ETR EXHAUST GRILLE
- ② ETR SUPPLY DIFFUSER
- ③ REFRIGERANT PIPING THROUGH EXTERIOR WALL TO EXTERIOR WALL MOUNTED CONDENSING UNIT.
- ④ 2" PUMPED SW DISCHARGE TO SPLASHBLOCK AT GRADE.
- ⑤ CONNECT ¾" CD TO 2" PUMPED STORM LINE WITH BACKWATER VALVE.
- ⑥ PROVIDE METAL PIPE ENCLOSURE FOR VERTICAL PIPING. PAINT TO MATCH EXISTING FINISHES.

EQUIPMENT NOTES

1. ELEVATOR SUMP PUMP (SP-1, SP-2):
SUMP PUMP SHALL BE STANCOR OIL MINDER CONTROL SYSTEM MODEL SE-50. ASME A17-1, UL508 AND UL778 APPROVED. COMPLETE WITH NEMA 4X FIBERGLASS ENCLOSURE, STAINLESS STEEL SENSOR PROBE, PLUG IN POWER HOOK-UP.
 - A. ½ HP, 120V/1Ø/60HZ, 3600 RPM WITH 2" DISCHARGE
 - B. 2" CHECK VALVE
 - C. JUNCTION BOX WITH MULTI-PIN CONNECTOR AND CORD IN LENGTHS AS REQUIRED
 - D. OIL-MINDER POWER CABLE, PROBE CABLE AND FLOAT CABLE
 - E. HIGH LIQUID ALARM FLOAT WITH CLAMP DEVICE TO MOUNT ON PUMP DISCHARGE
 - F. CONTROL SYSTEM SHALL HAVE BUILT-IN AUDIBLE AND VISUAL ALARM WHEN THE PUMP DOESN'T OPERATE DUE TO OIL IN THE PIT, HIGH AMPERAGE OR HIGH LIQUID CONDITION. PROVIDE SILENCING BUTTON IN THE CONTROL PANEL. PROVIDE ADDITIONAL CONTACTS FOR MONITORING THROUGH THE ATC SYSTEM.
2. SPLIT SYSTEM, EVAPORATOR (SS-1, SS-2):
450 CFM, 18,000 BTU/H COOLING CAPACITY
80°F DB EAT, 67°F WB EAT
36"x12"x10", 30 LBS
BASED ON MITSUBISHI MODEL PKA-AL18NL
PROVIDE WITH MAXIBLUE BLUE DIAMOND MINI
CONDENSATE PUMP W/ RESERVOIR AND SENSOR
3. SPLIT SYSTEM, CONDENSER (SS-2, SS-2):
95°F DB EAT
35"x12"x25", 100 LBS
208V/1Ø/60HZ. 20A MOCB
BASED ON MITSUBISHI MODEL PUY-AK18NL
PROVIDE WITH QSWBSS BRACKET FOR WALL MOUNTING 7'
ABOVE GRADE



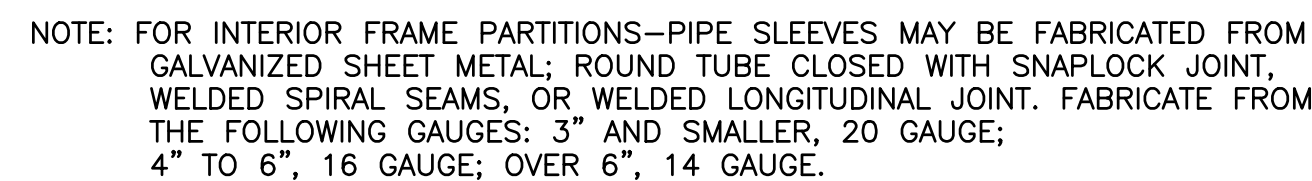
LOWER LEVEL PART PLAN

SCALE: $1/4'' = 1'-0''$

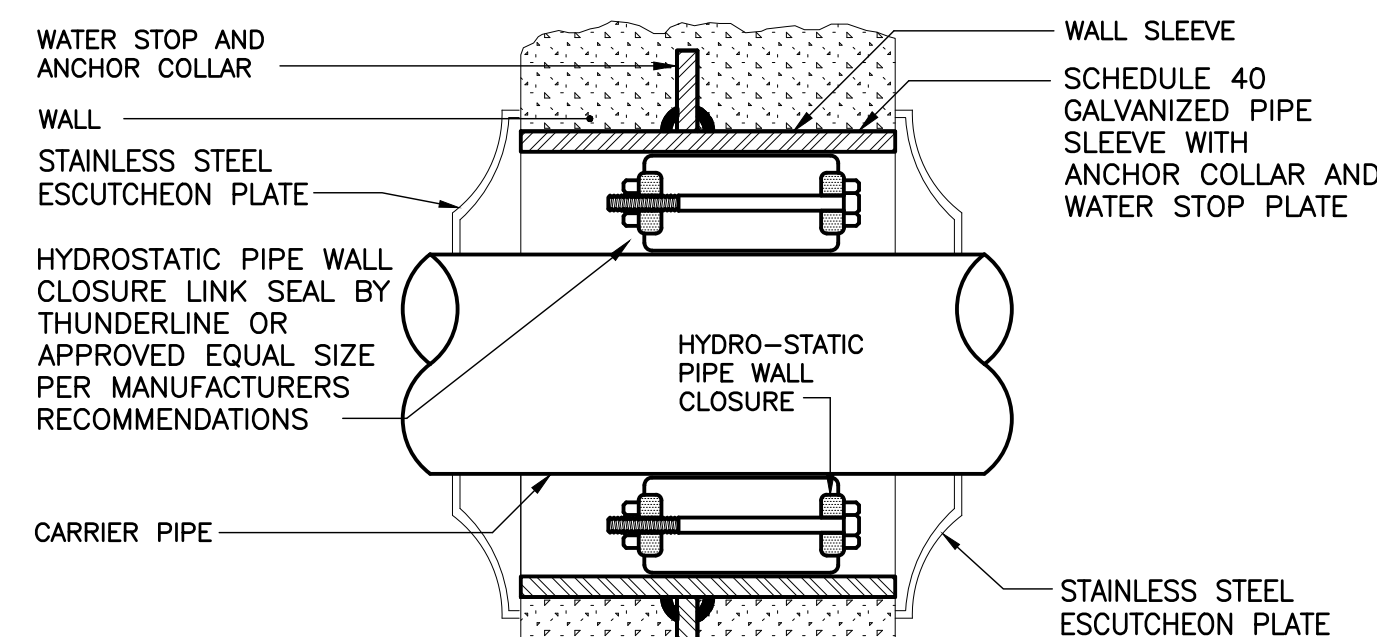


SCALE: $1/4" = 1'-0"$

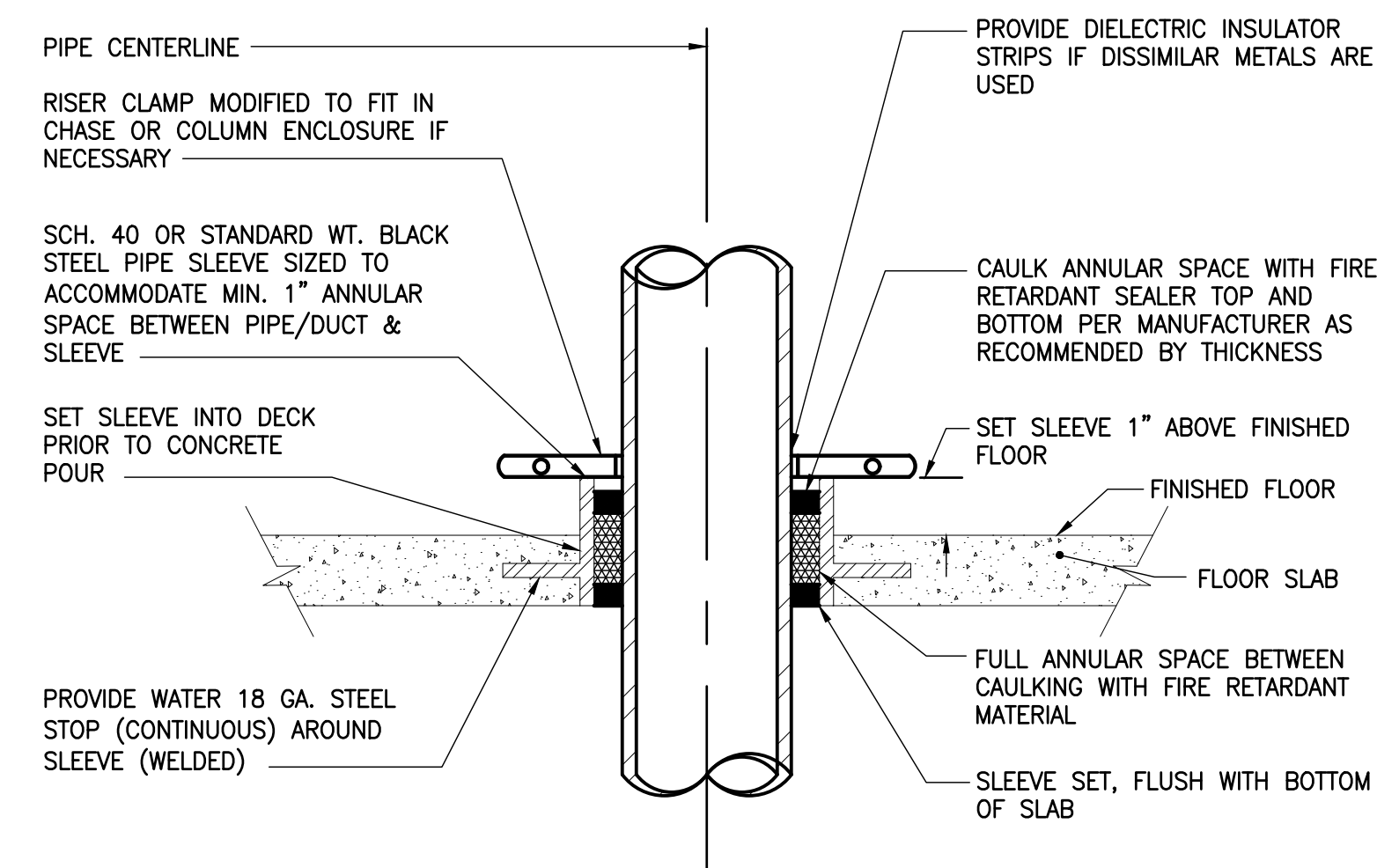




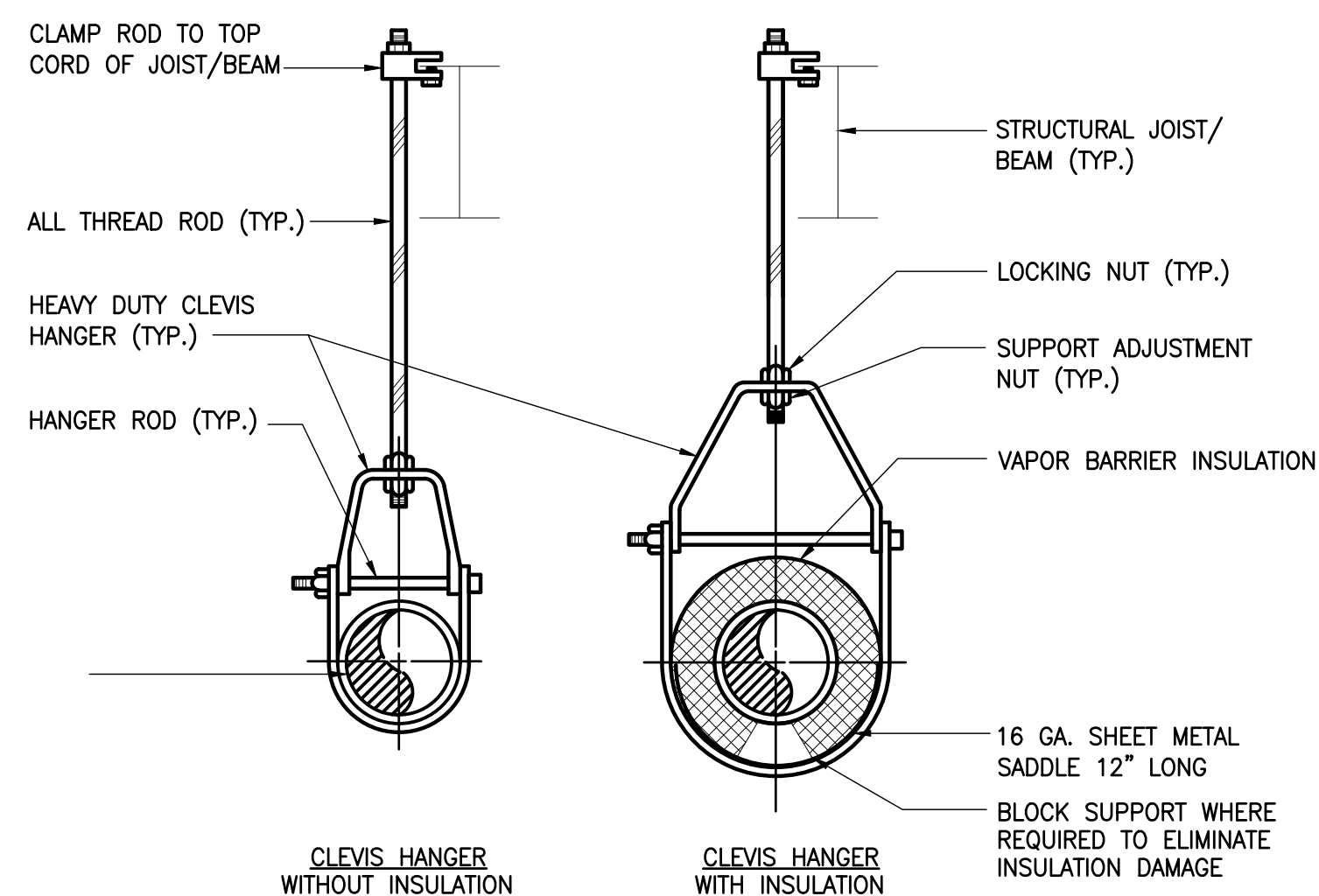
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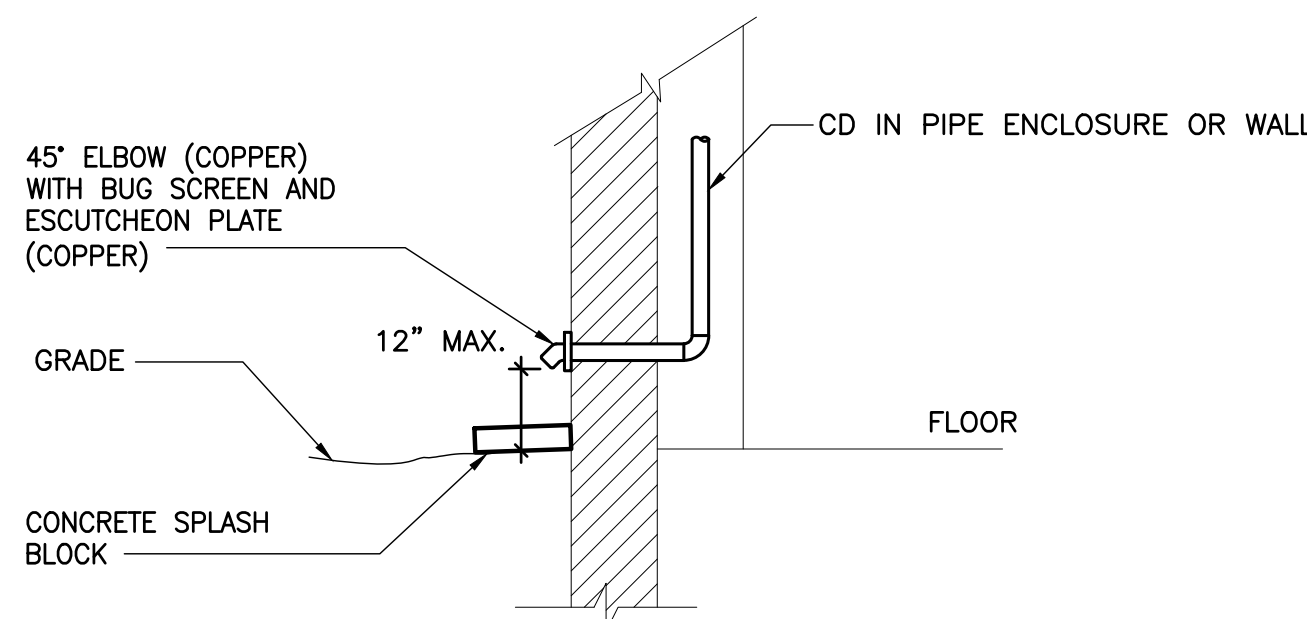
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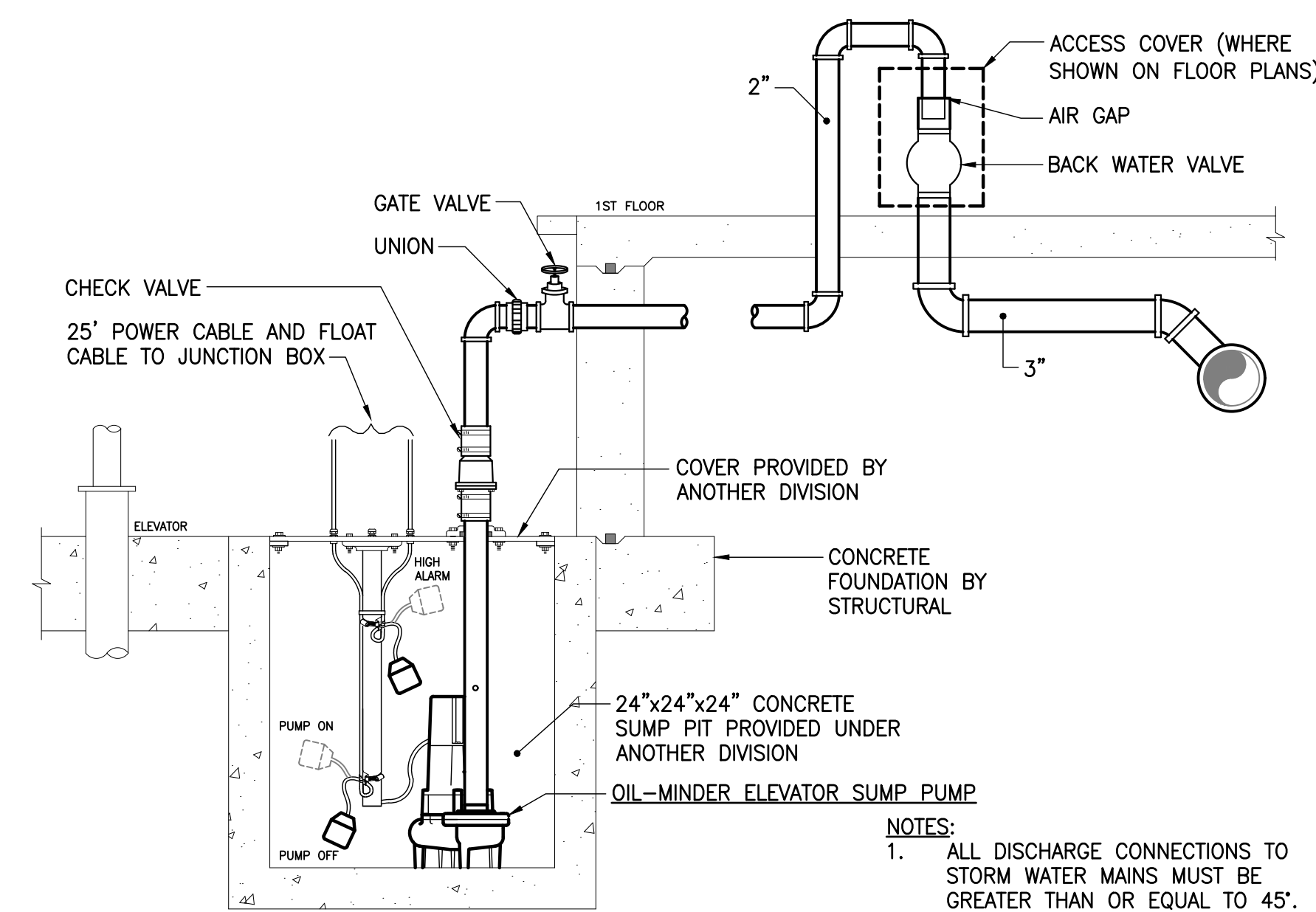
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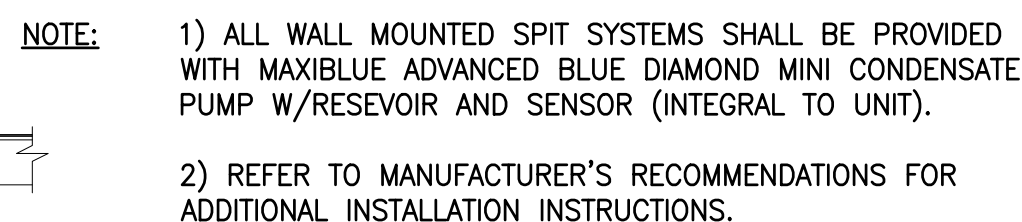
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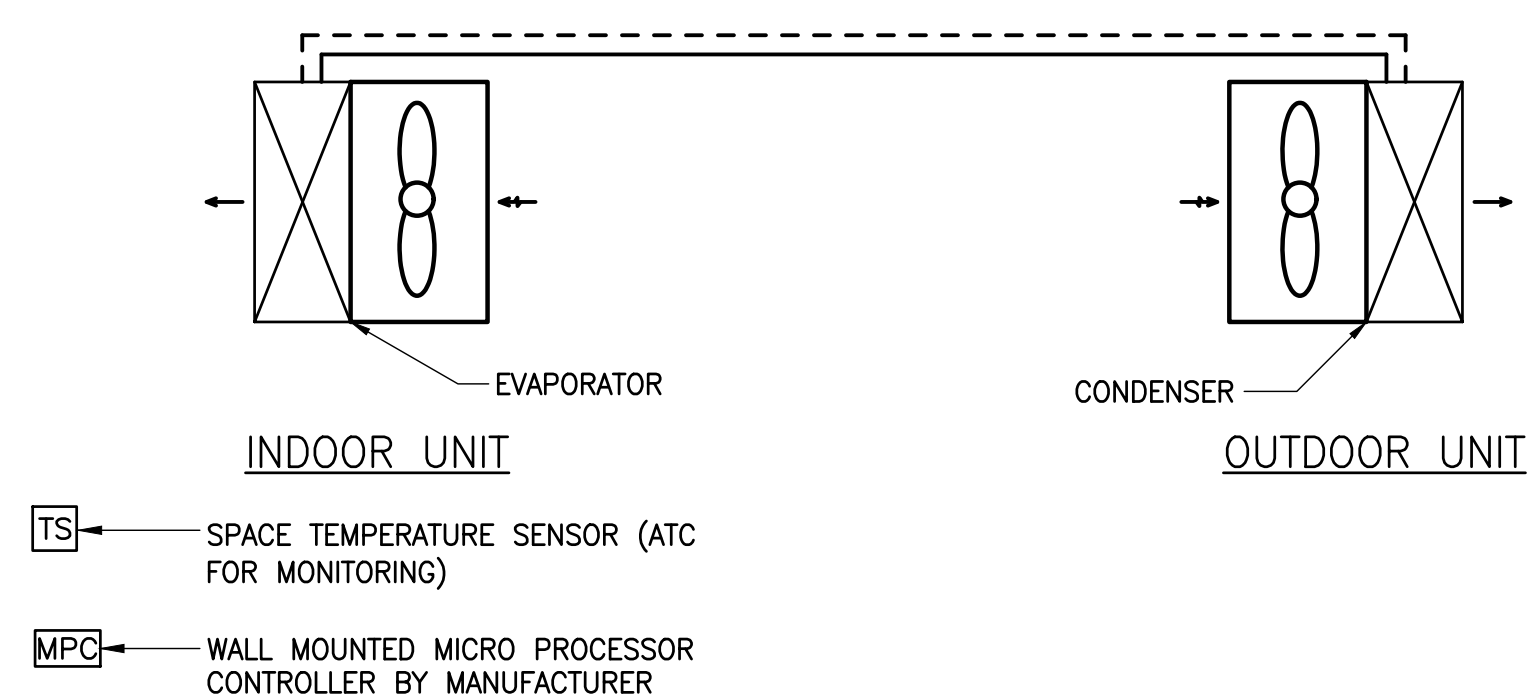
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SCALE: NONE



SCALE: NONE



1. MICRO PROCESSOR CONTROLLER SHALL SEQUENCE INDOOR A/C UNIT TO MAINTAIN 70°F (ADJUSTABLE).
2. SPACE TEMPERATURE SHALL MONITOR SPACE TEMPERATURE AND SEND AN ALARM TO THE EMS WHEN A HIGH TEMPERATURE SETPOINT LIMIT (80°F – ADJUSTABLE THROUGH SOFTWARE) IS REACHED.
3. FOR HEAT PUMP UNITS THE MICROPROCESSOR CONTROLLER SHALL SEQUENCE INDOOR FAN COIL UNIT TO MAINTAIN 70°F (ADJUSTABLE)

SCALE: NONE

SCALE: NONE





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I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE No. 65321

EXPIRATION DATE 2027/07/20



ELEVATOR MODERNIZATION FOR:
SPRINGBROOK HIGH SCHOOL
 MONTGOMERY COUNTY PUBLIC SCHOOLS
 201 VALLEY BROOK DRIVE
 SILVER SPRING, MD 20904

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[illegible]

PROJECT NO.:	24-14.07
DATE:	06/12/2026

ELECTRICAL LEGEND & ABBREVIATIONS

E0.1

(MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE UON)

	LIGHT FIXTURE. TYPE AS SPECIFIED. REFER TO LIGHT FIXTURE SCHEDULE.
	WALL MOUNTED LIGHT FIXTURE. TYPE AS SPECIFIED. REFER TO LIGHT FIXTURE SCHEDULE.
	INDICATES LIGHT FIXTURE ON EMERGENCY CIRCUIT (GENERATOR).
	EXIT SIGNAGE – CEILING MOUNTED, WALL MOUNTED AT 6" ABOVE DOOR. SHADING INDICATES ILLUMINATED FACE. DIRECTIONAL ARROWS AS INDICATED. AC ONLY OPERATION, CONNECTED TO EMERGENCY CIRCUIT (GENERATOR).

S	PILOT LIGHT TOGGLE SWITCH; MOUNT AT 48" AFF
□	CONTACTOR; SIZE AS NOTED; IN NEMA 1 ENCLOSURE UON; MOUNT AT 5'-6" AFF TO TOP UON
S	LINE VOLTAGE TOGGLE SWITCH. SUBSCRIPT INDICATES FIXTURES CONTROLLED. MOUNT AT 48" A.F.F. U.O.N.

WP GFI EWC °C	TAMPER RESISTANT DUPLEX RECEPTACLE; 2P, 3W, 20A, 125V, NEMA 5-20R; MOUNT AT 18" AFF UON; SUBSCRIPTS: GFI – GROUND FAULT INTERRUPTER CIRCUIT BREAKER, WP – WEATHERPROOF AND WEATHER RESISTANT, TR – TAMPER RESISTANT, C – MOUNT AT 42", EWC – MOUNT CONCEALED BEHIND WATER FOUNTAIN.
	TAMPER RESISTANT DUPLEX RECEPTACLE; 2P, 3W, 20A, 125V, NEMA 5-20R; MOUNT AT 42" AFF UON.
	SPECIAL RECEPTACLE; AS NOTED; MOUNT AT 18" AFF UON.
	TAMPER RESISTANT DUPLEX RECEPTACLE; 2P, 3W, 20A, 125V, NEMA 5-20R; GROUND FAULT CIRCUIT INTERRUPTING MOUNT AT 18" AFF UON
	TAMPER RESISTANT DUPLEX RECEPTACLE; 2P, 3W, 20A, 125V, NEMA 5-20R; GROUND FAULT CIRCUIT INTERRUPTING MOUNT AT 42" AFF UON
	TAMPER RESISTANT DUPLEX RECEPTACLE; 2P, 3W, 20A, 125V, NEMA 5-20R; WEATHERPROOF AND WEATHER RESISTANT, GROUND FAULT CIRCUIT INTERRUPTING MOUNT AT 18" AFF UON.

HOMERUN TO PANELBOARD; REFER TO PANEL SCHEDULES FOR MINIMUM WIRE AND CONDUIT SIZES

BRANCH CIRCUIT CONDUIT AND WIRING CONCEALED IN CEILING OR WALL SPACE, OR SURFACE MOUNTED WHERE NO CEILING OR WALL SPACE EXISTS; REFER TO PANEL SCHEDULES FOR MINIMUM WIRE AND CONDUIT SIZES

BRANCH CIRCUIT CONDUIT AND WIRING IN SLAB, UNDER FLOOR OR UNDERGROUND; REFER TO PANEL SCHEDULES FOR MINIMUM WIRE AND CONDUIT SIZES

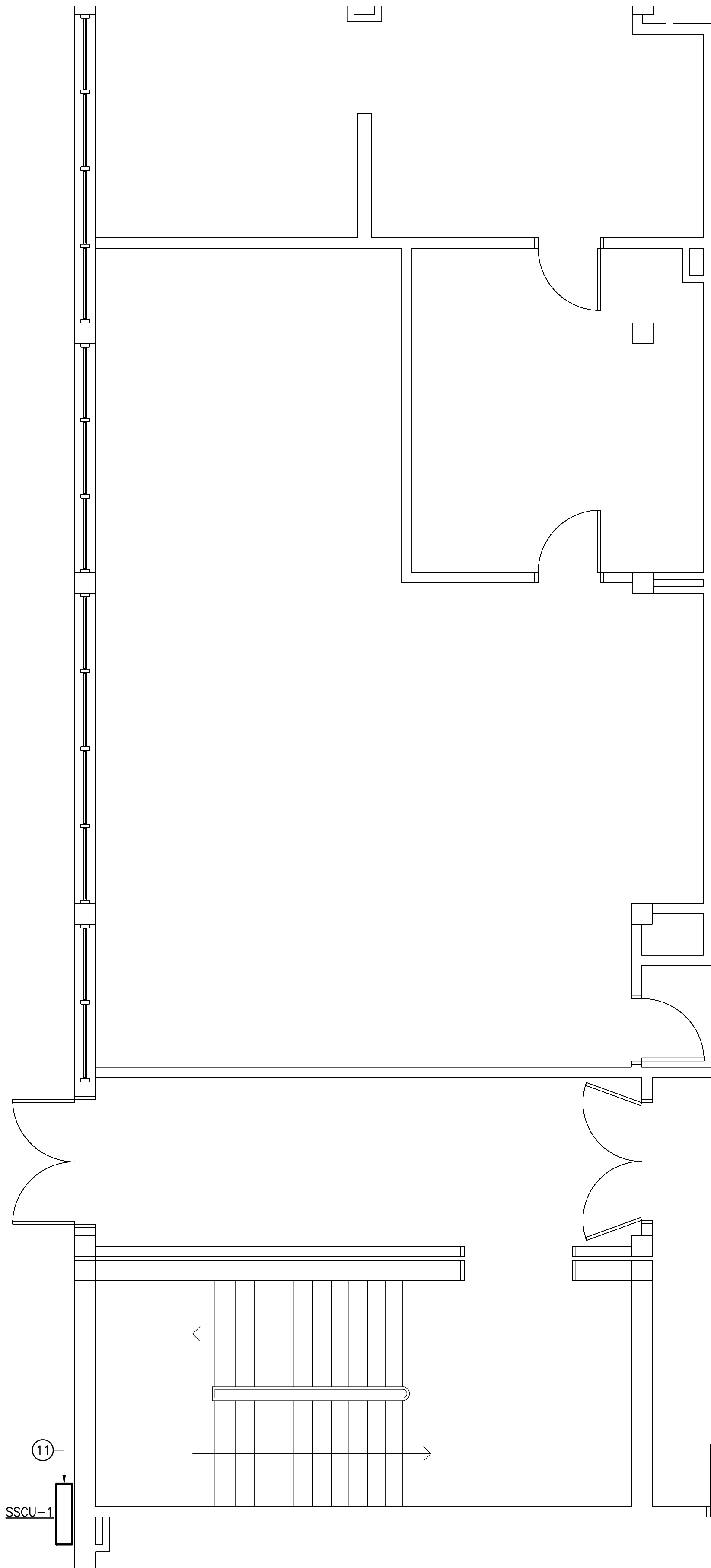
	REFERENCE TO DRAWING NOTE DETAIL REFERENCE:
	DETAIL NUMBER/DRAWING NUMBER
	ITEMS SHOWN DASHED/HEAVY ARE TO BE REMOVED
	ITEMS SHOWN SOLID/LIGHT ARE EXISTING TO REMAIN
	ITEMS SHOWN DASHED-DOTTED/LIGHT ARE TO OCCUR IN FUTURE PHASES
	PHOTO REFERENCE NUMBER, ARROW FACING DIRECTION OF PHOTO.

F	FIRE ALARM PULL STATION; MOUNT AT 48" AFF
SD	SMOKE DETECTOR
BD	DUCT TYPE SMOKE DETECTOR
TS	SPRINKLER SYSTEM VALVE TAMPER SWITCH
FS	SPRINKLER SYSTEM FLOW SWITCH
HD	HEAT DETECTOR
CM	CONTROL MODULE
MM	MONITORING MODULE
	FIRE ALARM ANNUNCIATOR/FIRE ALARM CONTROL PANEL AS NOTED

	DISTRIBUTION PANELBOARD, SURFACE MOUNTED AT 6'-6" AFF TO TOP OF PANEL.
	PANELBOARD; RECESSED, SURFACE MOUNTED; MOUNT AT 5-6" AFF TO TOP OF PANEL.
	SINGLE POLE MANUAL MOTOR STARTING SWITCH WITH PILOT LIGHT MOUNT AT 48" AFF IN NEMA 1 ENCLOSURE UON
	MOTOR; AS NOTED
	SAFETY DISCONNECT SWITCH; FUSED, NONFUSED IN NEMA 1 ENCLOSURE UON; MOUNT AT 48" AFF UON; RATING AND FUSING AS NOTED
	JUNCTION BOX
	TRANSFORMER

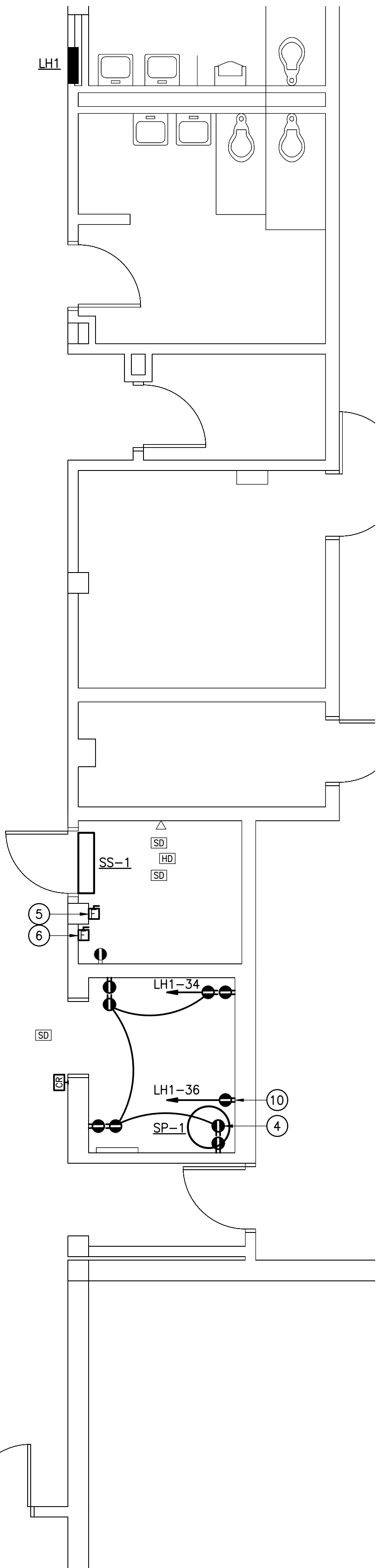
 CARD READER; MOUNT AT 48" A.F.F. TO TOP OF DEVICE.
PROVIDE BACK BOX WITH 3/4" EMPTY CONDUIT WITH PULL
STRING TO ACCESSIBLE CEILING TERMINATED IN BUSHED END.

A	AMPERE, AMPERES	MDF	MAIN DISTRIBUTION FRAME
AFF	AFTER FINISHED FLOOR	MLO	MAIN LUGS ONLY
AHU	AIR HANDLING UNIT	MPOP	MAIN POINT OF PRESENCE
AIC	AMPERE INTERRUPTING CAPACITY	MSB	MAIN SWITCHBOARD
ATS	AUTOMATIC TRANSFER SWITCH	MTD	MOUNTED
AWG	AMERICAN WIRE GAUGE	MH	MOUNTING HEIGHT/MANHOLE
CATV	CABLE TELEVISION	NEC	NATIONAL ELECTRICAL CODE
CCTV	CLOSED CIRCUIT TELEVISION	NEMA	NATIONAL ELECTRICAL
C	CONDUIT		MANUFACTURER'S ASSOCIATION
CB	CIRCUIT BREAKER	NF/SS	NONFUSED SAFETY SWITCH
DWC	DRAWING	NO	NUMBER
ECB	ENCLOSED CIRCUIT BREAKER	OC	ON CENTERS
EF	EXHAUST FAN	P	POLE, POLES
EPO	EMERGENCY POWER OFF	Ø	PHASE
ETR	EXISTING TO REMAIN	PNL	PANEL
EWC	ELECTRIC WATER COOLER	PVC	POLYVINYL CHLORIDE
EX	EXISTING	RAF	RETURN AIR FAN
FAAP	FIRE ALARM ANNUNCIATOR PANEL	RGS	RIGID GALVANIZED STEEL
FACP	FIRE ALARM CONTROL PANEL	RX	REMOVE EXISTING
FLA	FULL LOAD AMPERES	TYP	TYPICAL
FSS	FUSED SAFETY SWITCH	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
G	GROUND	UH	UNIT HEATER
GFEP	GROUND FAULT EQUIPMENT PROTECTION	V	VOLT, VOLTS
GFI	GROUND FAULT INTERRUPTING	VR	VANDALL RESISTANT
HOA	HAND-OFF-AUTOMATIC	WP	WEATHERPROOF
HP	HORSEPOWER	W	WATTS, WIRE, WIRES
HWH	HOT WATER HEATER GENERATOR	XFMR	TRANSFORMER
IDF	INTERMEDIATE DISTRIBUTION FRAME	TTB	TELEPHONE TERMINAL BOARD
IMC	INTERMEDIATE METAL CONDUIT	UTP	UNSHIELDED TWISTED PAIR
INC	THOUSAND CIRCULAR MILS	UON	UNLESS OTHERWISE NOTED
KVA	KILOVOLT-AMPERES		
KW	KILOWATT		
LRA	LOCKED ROTOR AMPERES		
MCA	MINIMUM CIRCUIT AMPERES		
MCB	MAIN CIRCUIT BREAKER		



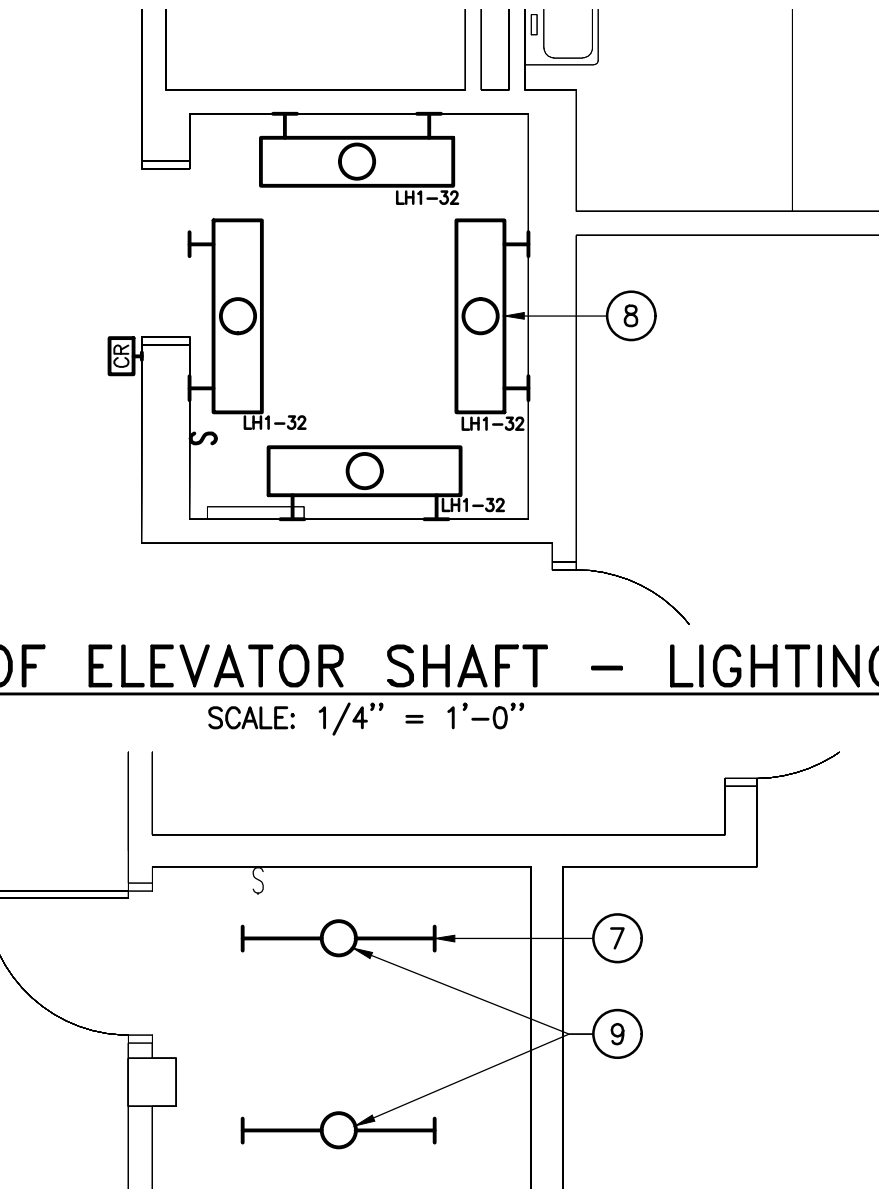
LOWER LEVEL – POWER & FIRE ALARM

SCALE: 1/4" = 1'-0"



ELEVATOR PIT – LIGHTING

SCALE: 1/4" = 1'-0"



TOP OF ELEVATOR SHAFT – LIGHTING

SCALE: 1/4" = 1'-0"

LOWER LEVEL ELEVATOR MACHINE ROOM – LIGHTING

SCALE: 1/4" = 1'-0"

LEVEL 1 – ELEVATOR

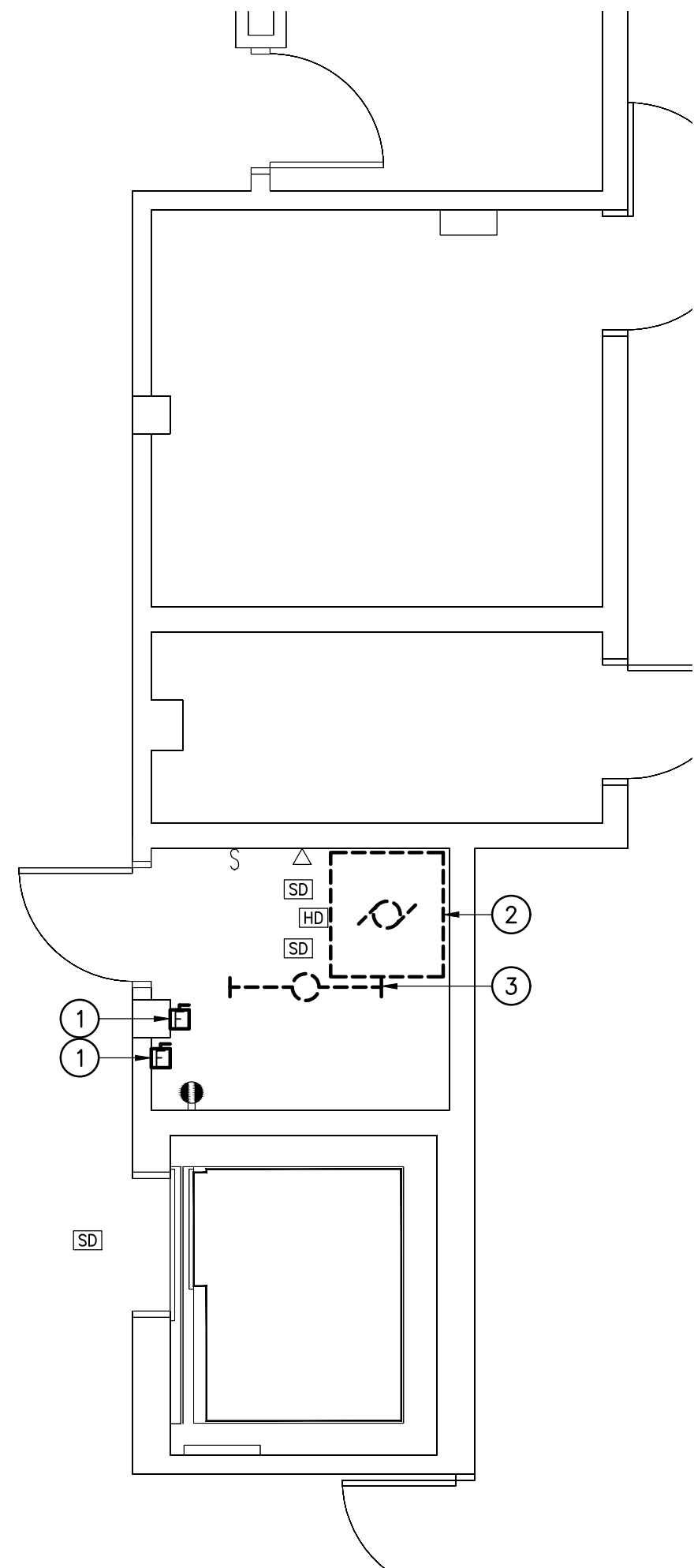
SCALE: 1/4" = 1'-0"

LEVEL 2 – ELEVATOR

SCALE: 1/4" = 1'-0"

LEVEL 3 – ELEVATOR

SCALE: 1/4" = 1'-0"



LOWER LEVEL – DEMOLITION

SCALE: 1/4" = 1'-0"

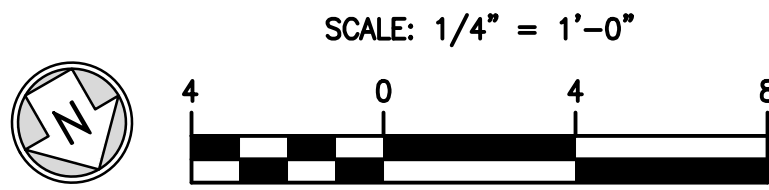
GENERAL NOTES:

1. AFTER DEMOLITION OF ELECTRICAL EQUIPMENT, ALL HOLES, PENETRATIONS, ETC. LEFT IN EXISTING WALLS, FLOORS, ROOF, ETC. SHALL BE PATCHED AND PAINTED TO MATCH ADJACENT FINISHES.

DRAWING NOTES:

1. RX. DISCONNECT. PRESERVE CABLING AND CONDUIT FROM POINT OF SOURCE.
2. RX. ELEVATOR MACHINERY AND ALL ASSOCIATED ELECTRICAL APPURTENANCES.
3. REMOVE LIGHT FIXTURE. PRESERVE BRANCH LIGHTING CIRCUIT FOR RECONNECTION TO NEW FIXTURES.
4. GFI/WP RECEPTACLE SHALL BE MOUNTED 2'-6" ABOVE BOTTOM OF ELEVATOR PIT AND 2'-6" BELOW TOP OF ELEVATOR SHAFT (TYPICAL).
5. PROVIDE LOCKABLE 3P-100-F/SS (FUSED PER ELEVATOR MANUFACTURER'S NAMEPLATE DATA). REUSE CABLING AND CONDUIT PRESERVED DURING DEMOLITION. COORDINATE LOCATION AND AUXILIARY CONTACTS WITH ELEVATOR MANUFACTURER'S RECOMMENDATIONS. MAKE CONNECTION TO EXISTING SHUNT TRIP CIRCUIT BREAKER.
6. PROVIDE LOCKABLE 2P-30A-F/SS (FUSED PER ELEVATOR MANUFACTURER'S NAMEPLATE DATA) FOR ELEVATOR CAB LIGHTS. REUSE CABLING AND CONDUIT PRESERVED DURING DEMOLITION. MAKE ALL CONNECTIONS AS REQUIRED.
7. PROVIDE MERCURY LIGHTING TYPE LW4.4.3800.35K.HTA.1%UNI SERIES OR APPROVED EQUAL (TYPICAL).
8. PROVIDE MERCURY LIGHTING TYPE L701.4.3400.40K.ASW.1%UNI.SSL SERIES OR APPROVED EQUAL. FIXTURE IS RATED FOR WALL MOUNTING IN HORIZONTAL OR VERTICAL ORIENTATIONS. FIELD COORDINATE WITH ELEVATOR MANUFACTURER AND ALL OTHER TRADES REQUIRED PRIOR TO ROUGH-IN (TYPICAL).
9. MAKE CONNECTION TO BRANCH LIGHTING CIRCUIT PRESERVED DURING DEMOLITION AHEAD OF ALL LOCAL CONTROLS. MODIFY/EXTEND CIRCUIT AS REQUIRED TO MAKE ALL CONNECTIONS WITH (2)#12 + #12GW IN 3/4" CONDUIT.
10. MOUNT TO SUIT SUMP PUMP IN ELEVATOR PIT. PROVIDE FRACTIONAL MOTOR STARTER SWITCH WITH GREEN PILOT LIGHT (MOUNTED AT PUMP). MAKE ALL CONNECTIONS TO PUMP CONTROLLER AS REQUIRED.
11. PROVIDE 3P-30A-F/SS (FUSED PER MANUFACTURER'S NAMEPLATE DATA) MOUNT AT OUTDOOR UNIT AND CONNECT TO ASSOCIATED SS INDOOR UNIT. PROVIDE 3P-30A-F/SS (FUSED PER MANUFACTURER'S NAMEPLATE DATA) AT INDOOR UNIT.

PANEL LH1										MOUNTING: RECESSED									
VOLTAGE: 208/120V,3ø,4W										LOCATION: ELECTRICAL ROOM									
100 AMPERE BUS					MAIN LUGS ONLY					100% RATED NEUTRAL BUS					EXISTING A.I.C.				
CONN KVA	CKT	DESCRIPTION	BREAKER P AMPS	CIRCUIT WIRING NO SIZE GND C					CKT	DESCRIPTION	BREAKER P AMPS	CIRCUIT WIRING NO SIZE GND C					CONN KVA		
	1	EX. RM G-11 UV	1 15						2	EX. REC G-3	1 20								
	3	EX. EWC	1 20						4	EX. REC G-1	1 20								
	5	EX. REC G-2	1 20						6	EX. REC G-3B	1 20								
	7	EX. REC G-11	1 20						8	EX. REC G-11	1 20								
	9	EX. REC G-12	1 20						10	EX. FAN	1 20								
	11	EX. REC G-12	1 20						12	EX. FAN	1 15								
	13	EX. REC CORRIDOR	1 20						14	EX. REC G-3	1 20								
	15	EX. REC G-2	1 20						16	EX. REC G-1	1 20								
	17	EX. CIRCUIT	1 20						18	EX. CIRCUIT	1 20								
	19	EX. CIRCUIT	1 20						20	EX. CIRCUIT	1 20								
	21	EX. CIRCUIT	1 20						22	EX. CIRCUIT	1 20								
	23	EX. CIRCUIT	1 20						24	EX. CIRCUIT	1 20								
	25	EX. CIRCUIT	1 20						26	EX. CIRCUIT	1 20								
	27	EX. CIRCUIT	1 15						28	EX. CIRCUIT	1 20								
	29	EX. UV G-3B	1 15						30	EX. CIRCUIT	1 15								
	31								32	LTG - ELEVATOR SHAFT	1 20	2 12 12 3/4"			0.4				
	33	EX. SEWAGE PUMP	3 15						34	REC - ELEVATOR SHAFT	1 20	2 12 12 3/4"			0.8				
	35								36	REC - SUMP PUMP	1 20	2 12 12 3/4"			0.4				
	37	SPACE							38	SSCU-1	2 25	2 10 10 3/4"			1.5				
	39	SPACE							40							1.5			
	41	SPACE							42	SPACE									
TOTAL CONNECTED LOAD										4.6 KVA									
										KVA PER PHASE: A 1.9 B 2.3 C 0.4									



ISSUE		
REV	DATE	DESCRIPTION
	05/29/26	PROG. SET
	06/12/26	PERMIT SET

PROJECT NO.: 24-14.07
DATE: 06/12/2026

FLOOR PLANS