

MUNICIPALITY OF ANCHORAGE PERFORMING ARTS CENTER ELEVATOR MODERNIZATION

621 W 6TH AVE ANCHORAGE, ALASKA 99501

OWNER

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ELEVATOR CONSULTANT

LERCH BATES ASSOCIATES

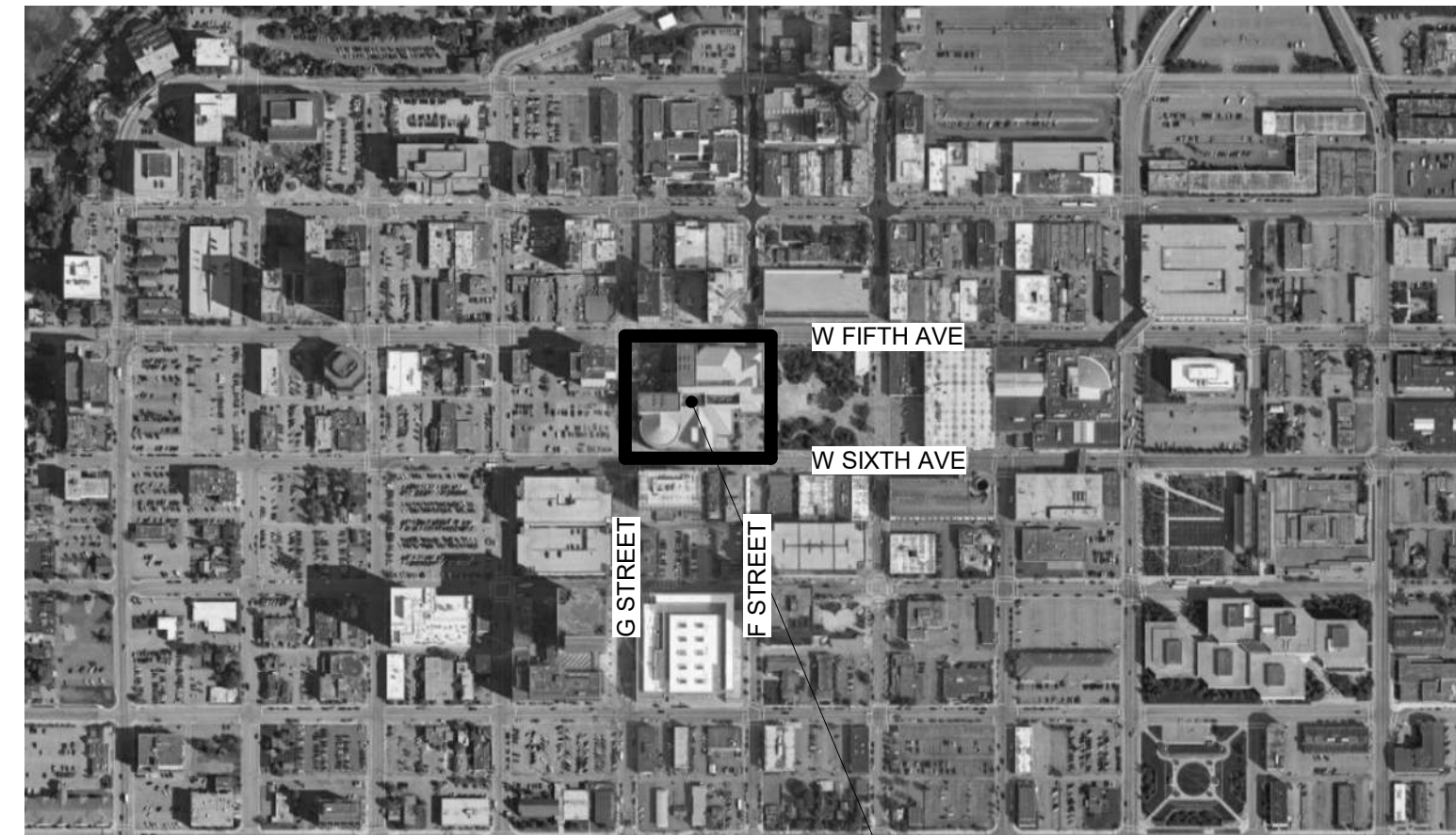
19515 NORTH CREEK PARKWAY, SUITE 304 T. 425.205.2205
BOTHELL, WASHINGTON 98011

MECHANICAL & ELECTRICAL ENGINEERS

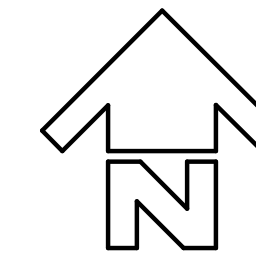
RSA ENGINEERING, INC.

670 WEST FIREWEED LN, SUITE 200 T. 907.276.0521
ANCHORAGE, ALASKA 99503 F. 907.856.0563

VICINITY MAP



PROJECT LOCATION



INDEX TO DRAWINGS

GENERAL

G101 PROJECT DATA, INDEX TO DRAWINGS,
ABBREVIATIONS AND SYMBOLS

ARCHITECTURAL

A100 REFERENCE PLAN
A101 ENLARGED DEMOLITION PLANS
A102 ENLARGED DEMOLITION PLANS
A103 ENLARGED DEMOLITION PLANS
A201 ENLARGED FLOOR PLANS
A202 ENLARGED FLOOR PLANS
A203 ENLARGED FLOOR PLANS
A401 ELEVATOR SECTION
A901 PHOTOS
A902 PHOTOS

MECHANICAL

M001 LEGEND, SCHEDULES, AND ABBREVIATIONS
M101 DEMOLITION PLANS
M102 DEMOLITION PLANS
M201 REMODEL PLANS
M202 REMODEL PLANS
M301 DETAILS

ELECTRICAL

E001 LEGEND, SCHEDULES AND ABBREVIATIONS
E002 ELECTRICAL SPECIFICATIONS
E003 ELECTRICAL DETAILS
E101 ELEVATOR DEMOLITION PLANS
E102 ELEVATOR DEMOLITION PLANS
E103 ELEVATOR DEMOLITION PLANS
E201 ELEVATOR REMODEL PLAN
E202 ELEVATOR REMODEL PLAN
E203 ELEVATOR REMODEL PLAN

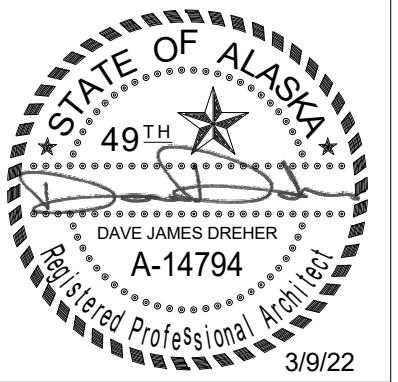
ABBREVIATIONS

ABBREVIATIONS INDICATED MAY NOT ALL BE USED IN THESE CONSTRUCTION DOCUMENTS. SEE MECHANICAL & ELECTRICAL FOR ABBREVIATIONS SPECIFIC TO THOSE DISCIPLINES.

| | | | | | | | | | | | | | |
|--------|----------------------|-------|-------------------------|--------|---------------------------|-------|--|----------|--------------------------------------|---------|------------------------------------|--------|------------------------|
| & | and | CER | ceramic | EQ | equal | FURR | furring | MET | metal | PT | pressure treated | STRL | structural |
| L | angle | CLG | ceiling | EQUIP | equipment | FV | field verify | MFD | manufactured | PTD | paper towel dispenser | STRUCT | structural |
| @ | at | CO | carbon monoxide | EXT | exterior | GA | gauge or gage | MFR | manufacturer | PTD/R | paper towel dispenser / receptacle | SUSP | suspended |
| C | centerline | CLO | closet | EXIST | existing | GALV | galvanized | MH | manhole | PTR | paper towel receptacle | S.V. | sheet vinyl |
| O | diameter | CMU | concrete masonry unit | EXST'G | existing | GB | grab bar | MIN | minimum, minute | QT | quarry tile | T&G | tongue and groove |
| # | pound or number | COL | column | (E) | existing | GL | glass or glazing | MISC | miscellaneous | RD | roof drain | TC | trash chute |
| AB | anchor bolt | CONST | construction | FA | fire alarm | GLBM | glu-lam beam | MR | mop rack | REQ | required | T.O. | top of |
| ACT | acoustical tile | CONT | continuous | FCB | fiber cement board | GWB | gypsum wall board | MTD | mounted | REQM'TS | requirements | TPD | toilet paper dispenser |
| ADD | additive | CPT | carpet | FCO | floor clean out | HDW | hardware | MTL | material | (N) | new | TYP | typical |
| ADD'L | additional | CT | ceramic tile | FCTY | factory finish | HORIZ | horizontal | (N) | new | RM | room | U.N.O. | unless noted otherwise |
| ADH | adhesive | DEMO | demolition | FD | floor drain | HM | hollow metal | NIC | not in contract | RO | rough opening | UH | unit heater |
| ADJ | adjustable | DET | detail | FDN | foundation | HORIZ | horizontal | NO | number | R&S | rod and shelf | VAR | varies |
| AFF | above finished floor | DF | drinking fountain | FE | fire extinguisher | HT | height | NOM | nominal | SA-VR | self-adhered vapor retarder | VCT | vinyl composition tile |
| AP | access panel | DIAM | diameter | FEC | fire extinguisher cabinet | HVAC | heating, ventilating, and air conditioning | NTS | not to scale | SD | soap dispenser | VERT | vertical |
| APPROX | approximate | FHC | fire hose cabinet | FHC | fire hose cabinet | HWH | hot water heater | OC | on center | SECT | section | VR | vapor retarder |
| ARCH | architectural | FIN | finish | FIN | finish | INSUL | insulation | OD | overflow drain | SHR | shower | VTR | vent through roof |
| BD | board | FL | floor | FL | floor | INT | interior | O.F.C.I. | owner furnished contractor installed | SIM | similar | W | washer |
| BLDG | building | FO | face of | FO | face of | INT | interior | O.F.O.I. | owner furnished owner installed | SIP | structural insulated panel | W/ | with |
| BLK | block or blocking | FOC | face of concrete | FOF | face of finish | JT | joint | OSB | oriented strand board | SND | sanitary napkin dispenser | WD | wood |
| BM | beam | FOS | face of stud | FOS | face of stud | LAV | lavatory | PL | plate | SNR | sanitary napkin receptacle | WH | water heater |
| BO | bottom of | FRP | fiberglass reinf. panel | FRP | fiberglass reinf. panel | MAX | maximum | P. LAM | plastic laminate | SPEC | specification | WR | water resistant |
| CEM | cement | FURN | furnace | FURN | furnace | MECH | mechanical | PLYWD | plywood | SQ | square | WSC | wainscot |

SYMBOLS

| | |
|--------|--|
| 100 | DOOR NUMBER |
| 1 | KEYNOTE |
| ROOM 1 | ROOM NAME & NUMBER |
| + | WORK POINT, CONTROL POINT OR DATUM POINT |
| 4 | GRIDS |
| 3 | REVISION |



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ELEVATOR MODERNIZATION**
621 W 6TH AVE ANCHORAGE, ALASKA 99501

DATE: 3/9/22

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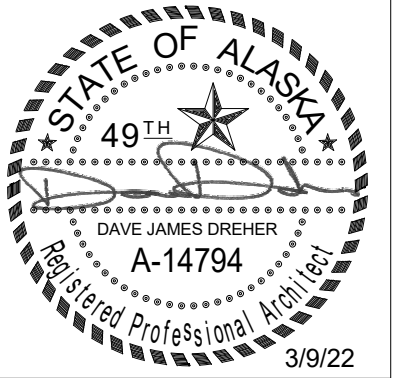
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PROJECT: 1718.60

DRAWING TITLE:
PROJECT DATA,
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ABBREVIATIONS AND
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REVISIONS:

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G101



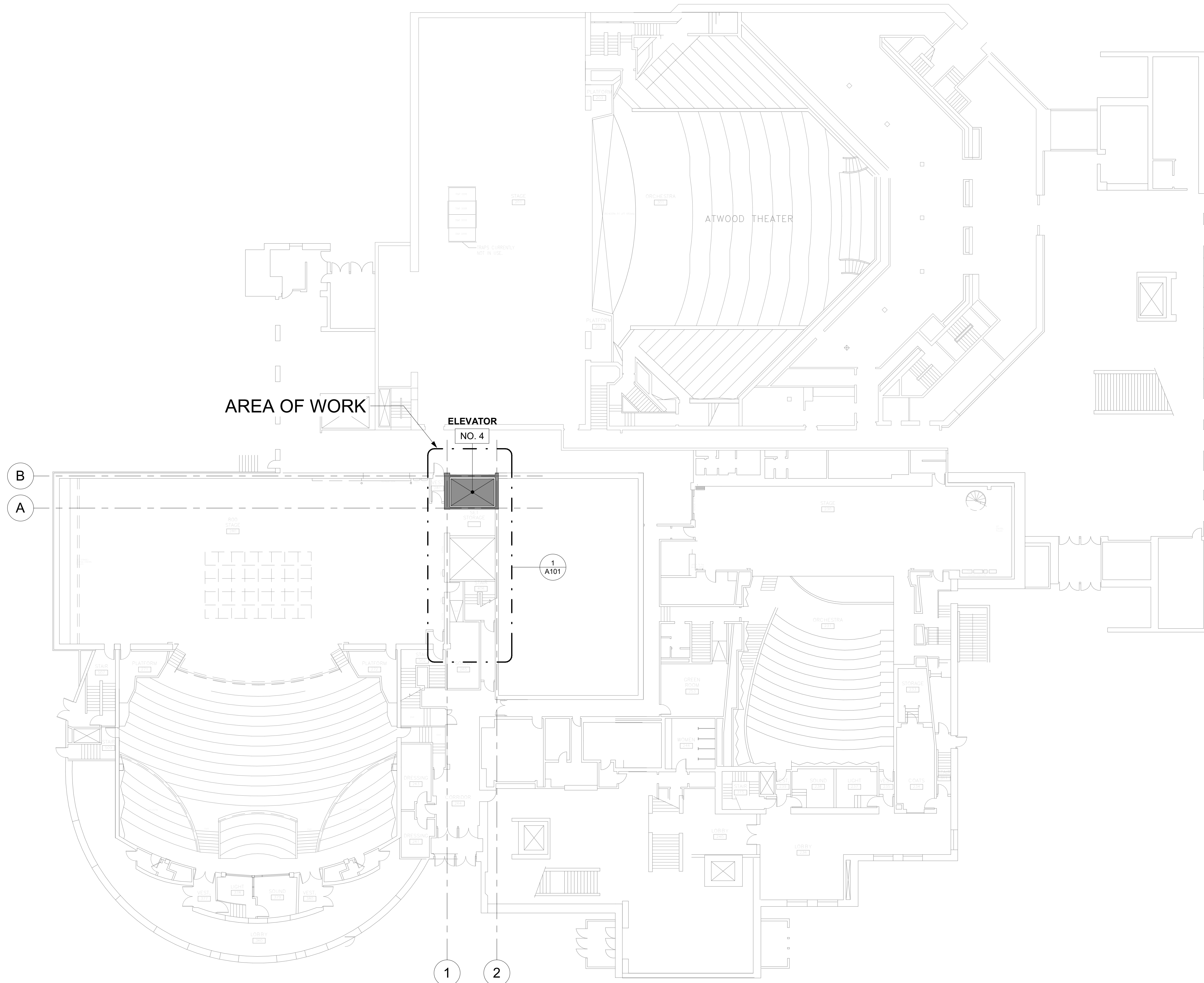
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 REFERENCE PLAN

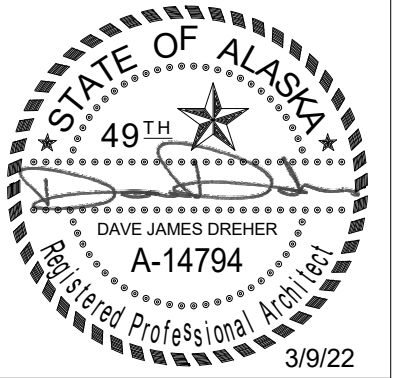
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A100



1 REFERENCE PLAN
 Scale: 1/16" = 1'-0"





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DATE: 3/9/22
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 DRAWING TITLE:
 ENLARGED
 DEMOLITION PLANS

REVISIONS:

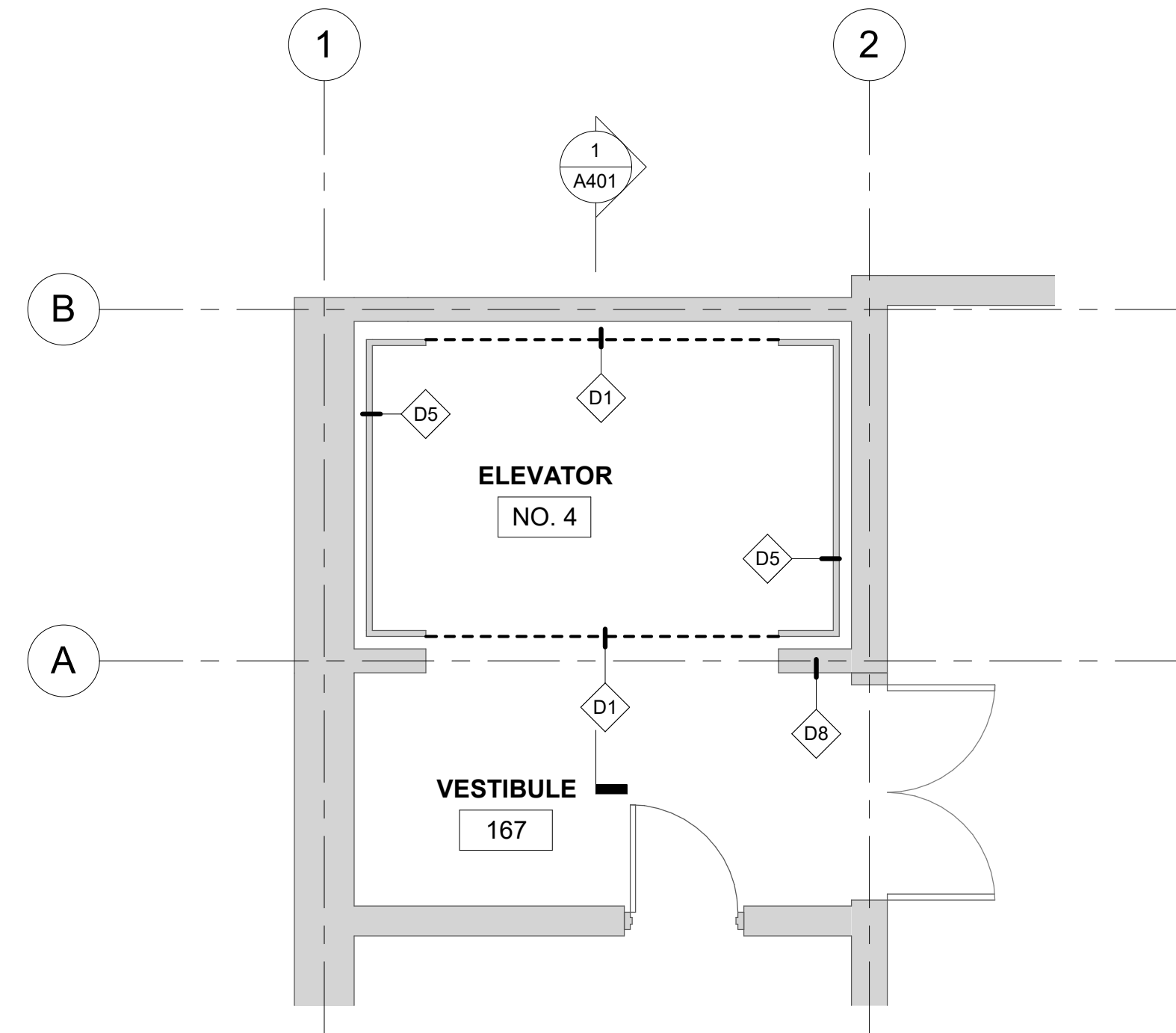
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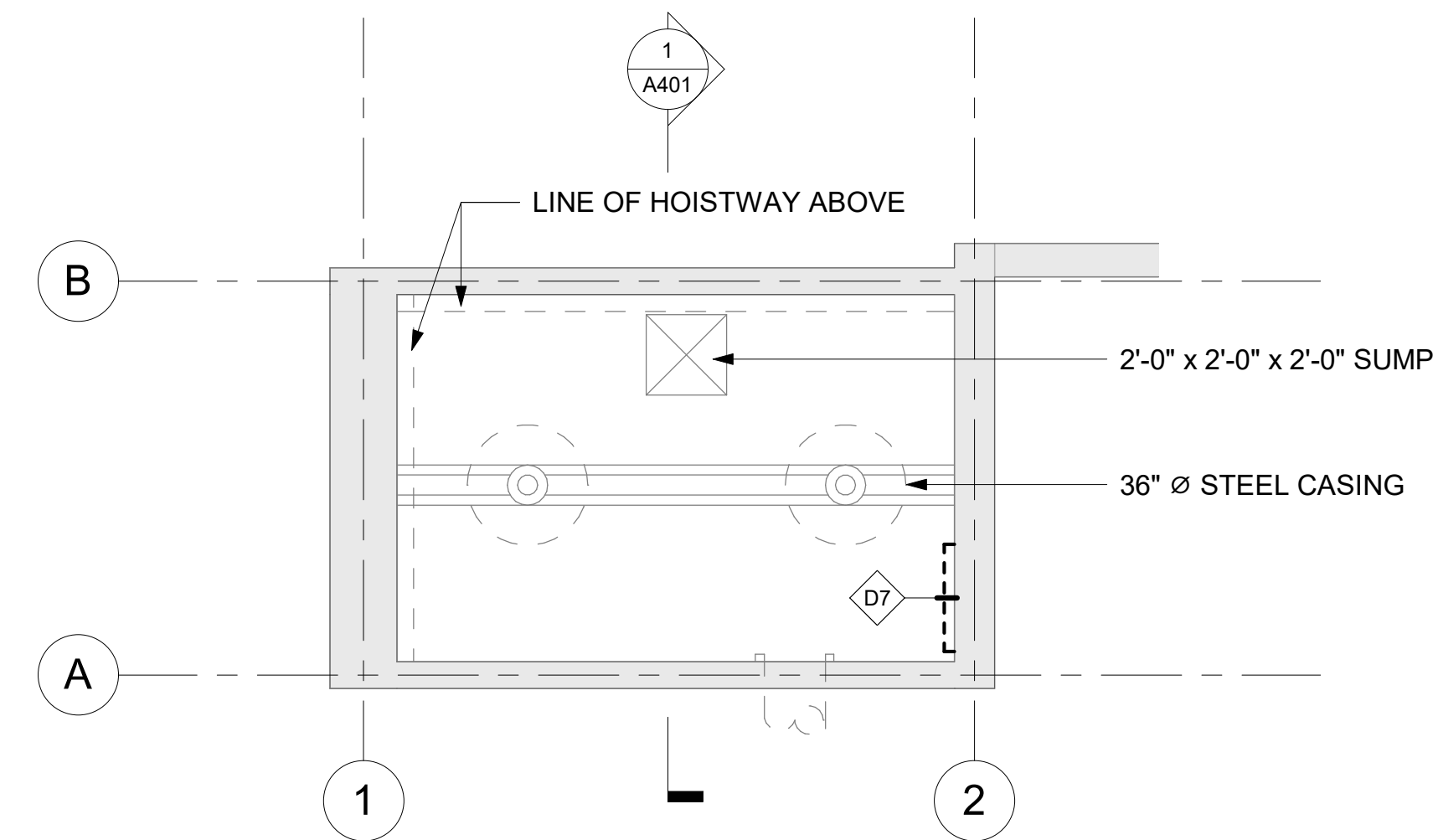
DEMOLITION KEY NOTES

- D1 REMOVE (E) ELEVATOR GATE
- D5 REMOVE (E) CAR OPERATING PANEL
- D7 REMOVE (E) PIT LADDER
- D8 REMOVE (E) ELEVATOR MACHINERY

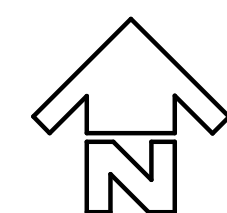
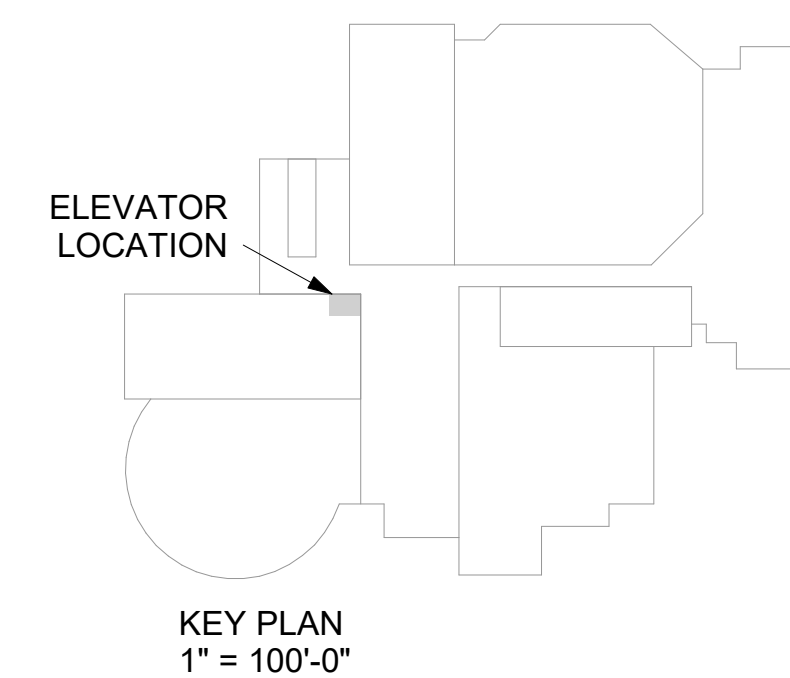
*SEE ELEVATOR SPECIFICATIONS FOR ADDITIONAL WORK

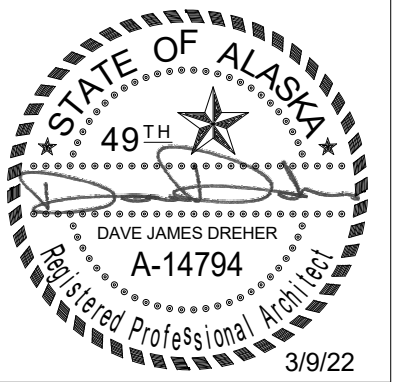


2 ENLARGED LOWER REHEARSAL DEMOLITION PLAN
 [1/A401] Scale: 1/4" = 1'-0"



1 ENLARGED PIT DEMOLITION PLAN
 [1/A100] Scale: 1/4" = 1'-0"





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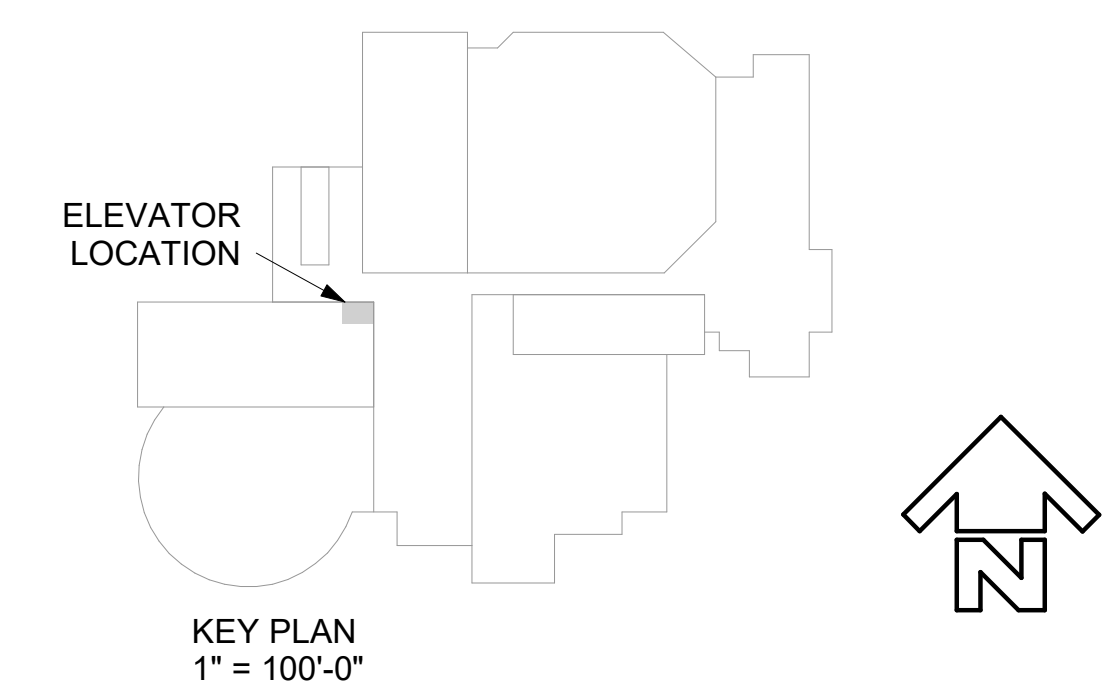
DEMOLITION KEY NOTES

- D1 REMOVE (E) ELEVATOR GATE
- D2 REMOVE (E) WALL MOUNTED CALL BUTTON DEVICE
- D3 REMOVE (E) DOOR, FRAME, AND HARDWARE
- D4 REMOVE (E) HANDRAIL, SALVAGE FOR REINSTALLATION
- D5 REMOVE (E) CAR OPERATING PANEL
- D6 REMOVE (E) CAR AND HOIST WAY DOOR CONTROLLER
- D8 REMOVE (E) ELEVATOR MACHINERY

*SEE ELEVATOR SPECIFICATIONS FOR ADDITIONAL WORK

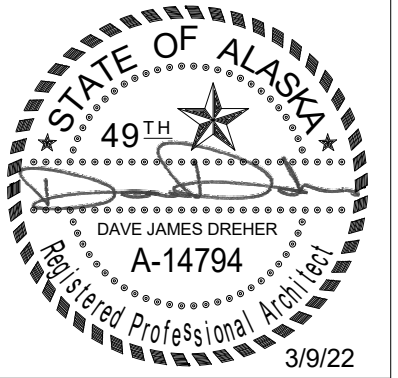


3 BASEMENT DEMOLITION PLAN
 [1/A401] Scale: 1/8" = 1'-0"



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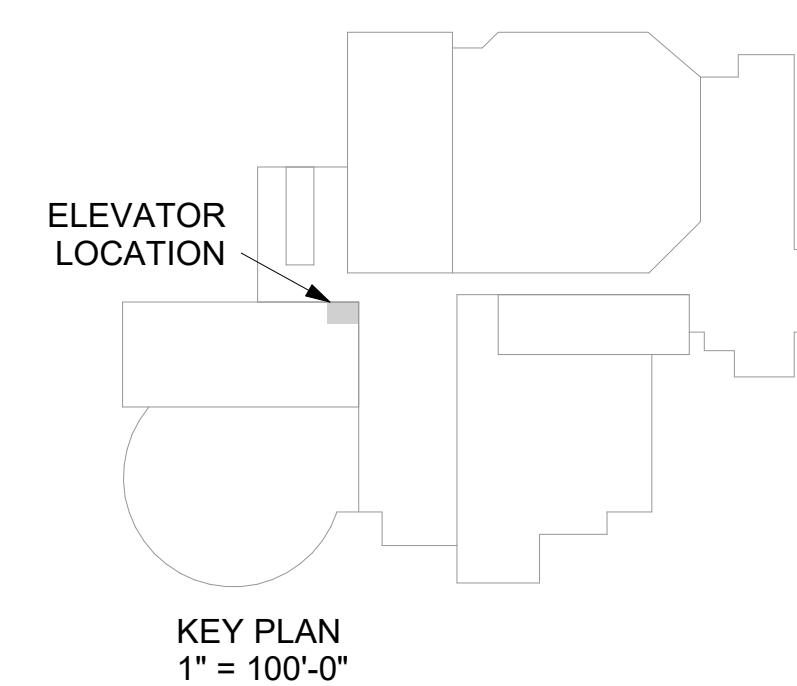
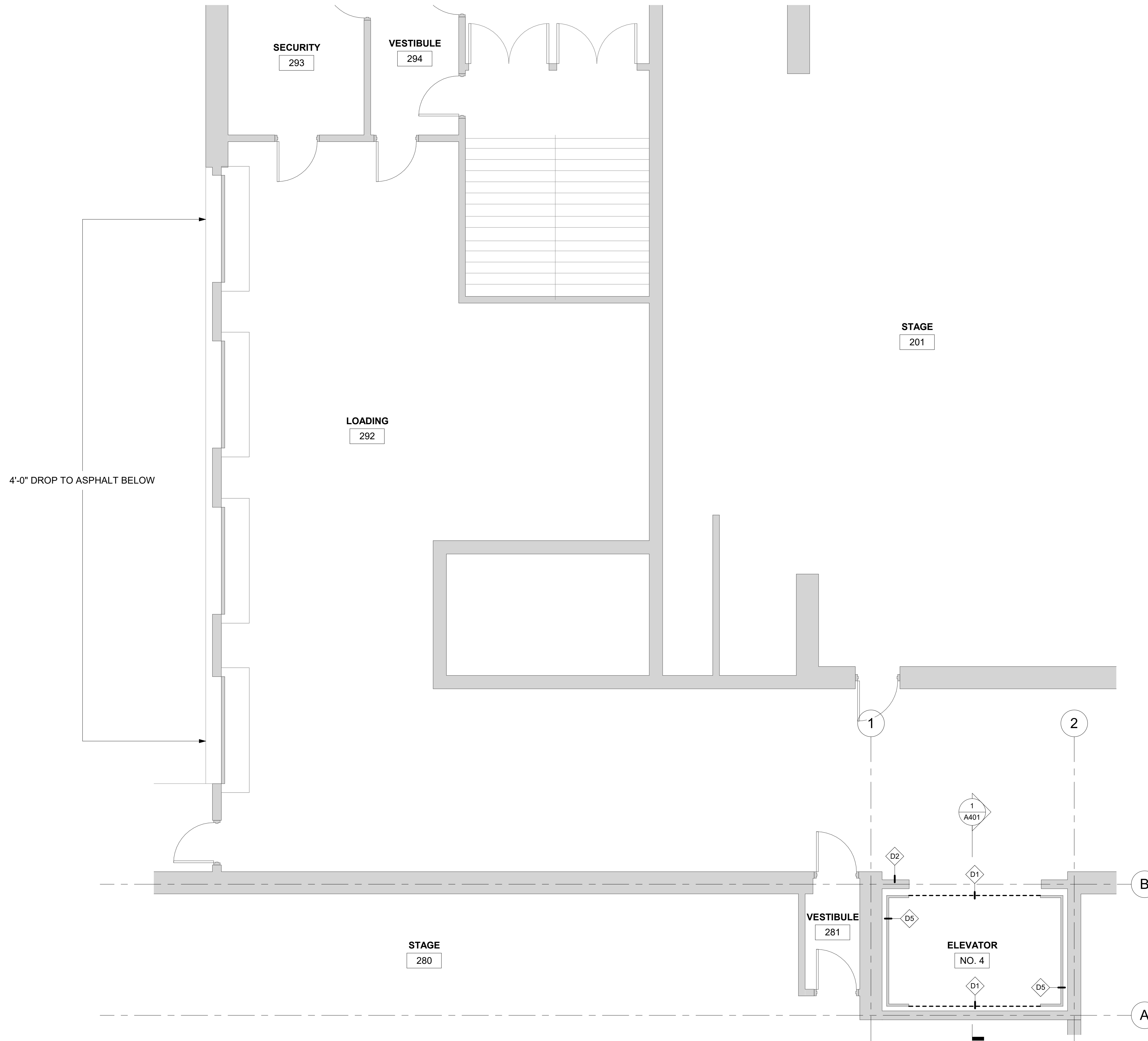
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 ENLARGED
 DEMOLITION PLANS

REVISIONS:

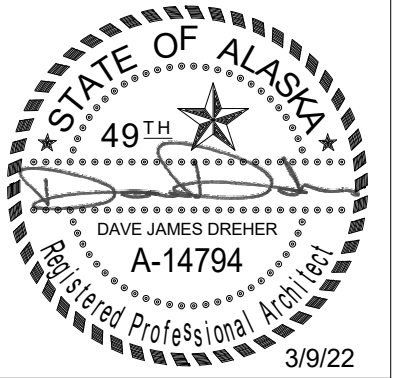
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A103

DEMOLITION KEY NOTES

- D1 REMOVE (E) ELEVATOR GATE
 - D2 REMOVE (E) WALL MOUNTED CALL BUTTON DEVICE
 - D5 REMOVE (E) CAR OPERATING PANEL
- *SEE ELEVATOR SPECIFICATIONS FOR ADDITIONAL WORK



1 ENLARGED FIRST LEVEL DEMOLITION PLAN
 [1/A401] Scale: 1/4" = 1'-0"

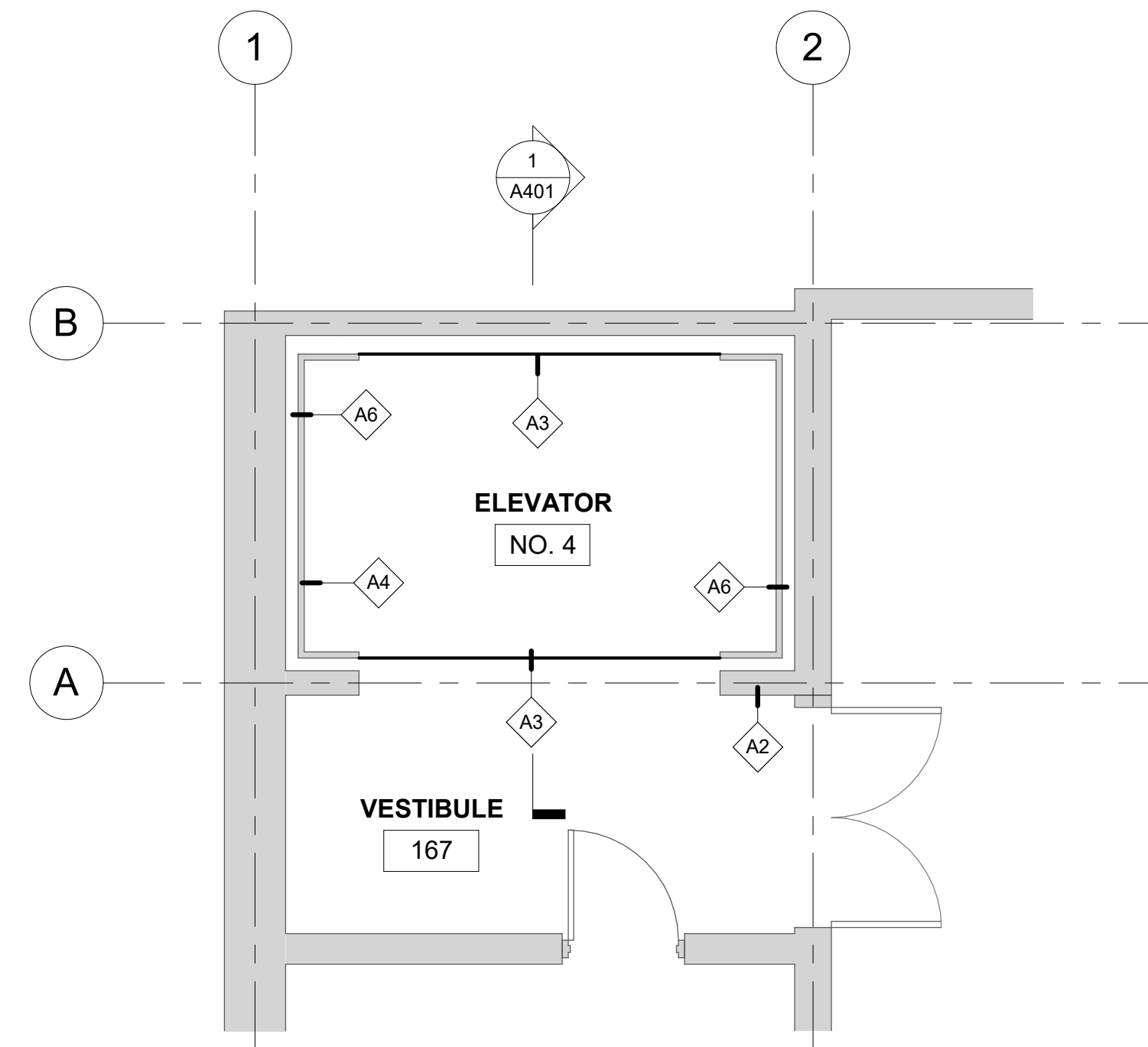


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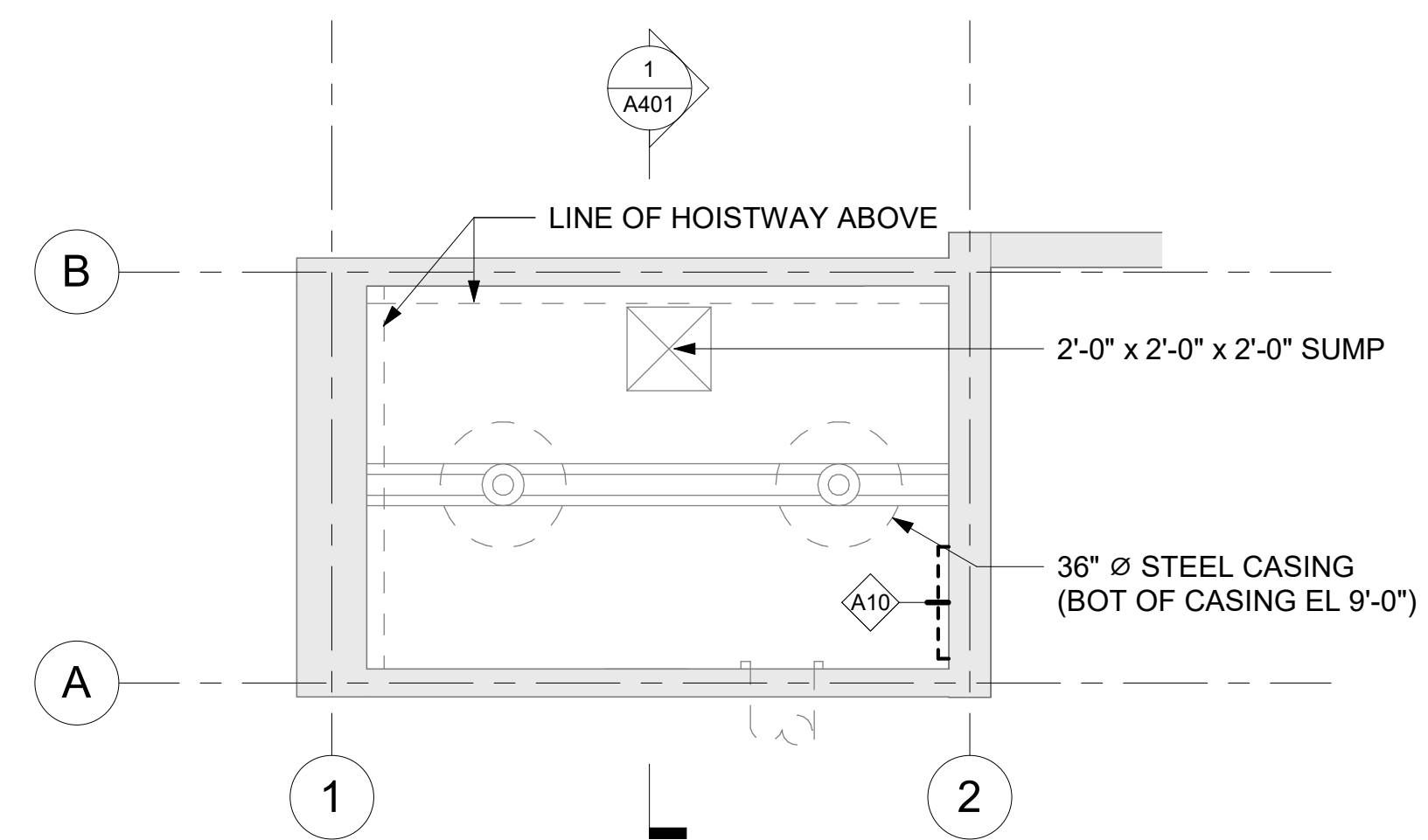
ARCHITECTURAL KEY NOTES

- A2 (N) WALL MOUNTED CALL BUTTON DEVICE. PATCH AND PAINT WALL AS NEEDED FOR FINISHED APPEARANCE
- A3 (N) ELEVATOR GATE
- A4 (E) ELEVATOR CAB TO REMAIN
- A6 (N) CAR OPERATING PANEL
- A10 (N) PIT LADDER

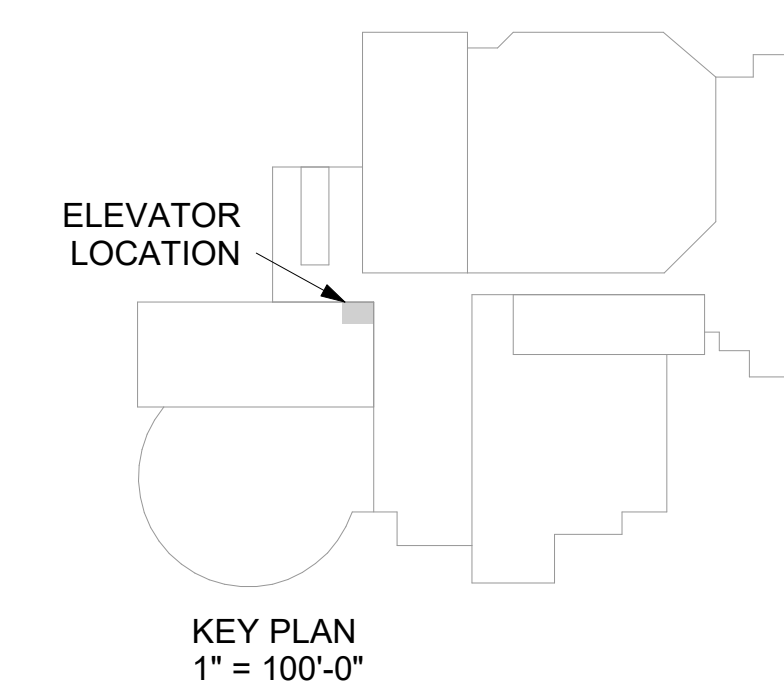
*SEE ELEVATOR SPECIFICATIONS FOR ADDITIONAL WORK



2 ENLARGED LOWER REHEARSAL PLAN
 [1/A401] Scale: 1/4" = 1'-0"



1 ENLARGED PIT PLAN
 Scale: 1/4" = 1'-0"



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 DRAWING TITLE:
 ENLARGED FLOOR
 PLANS

REVISIONS:

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A201

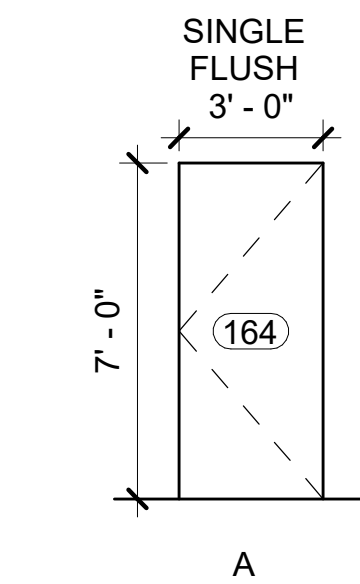
| DOOR SCHEDULE | | | | | | | | | | | |
|---------------|---------|-----------|--------|-------|----------|--------|------|----------|--------|-------------|---------|
| DOOR NO | DOOR | | | FRAME | | | | | | FIRE RATING | REMARKS |
| | SIZE | | | TYPE | MATERIAL | FINISH | TYPE | MATERIAL | FINISH | | |
| WIDTH | HEIGHT | THICKNESS | | | | | | | | | |
| 164 | 3' - 0" | 7' - 0" | 1 3/4" | F | HM | PAINT | | HM | PAINT | 60 | |



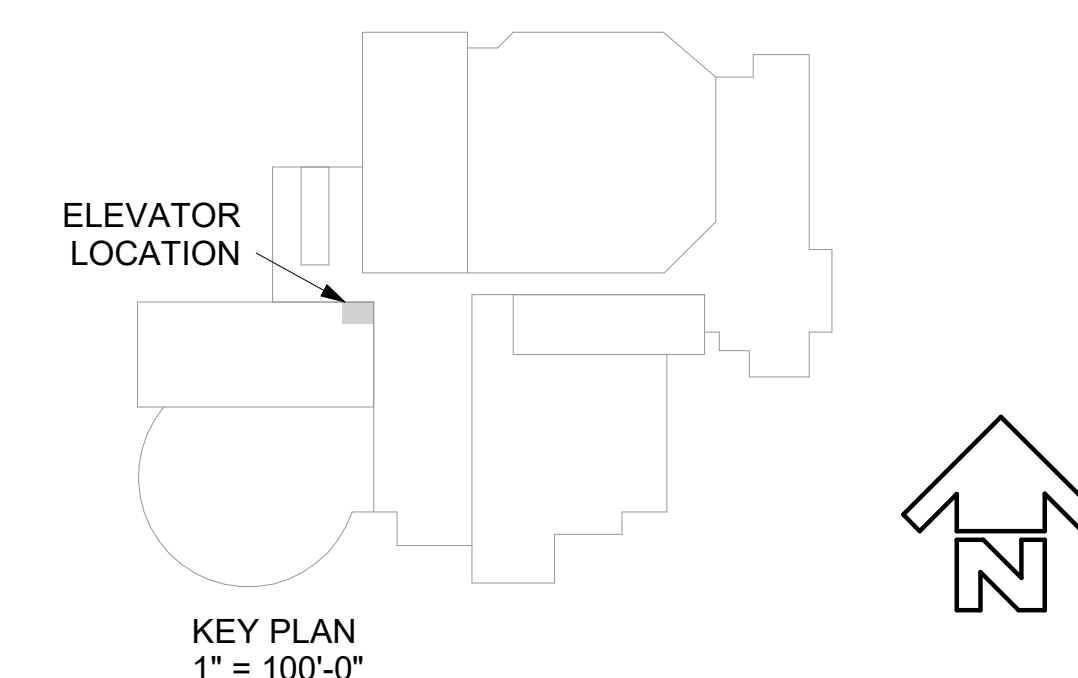
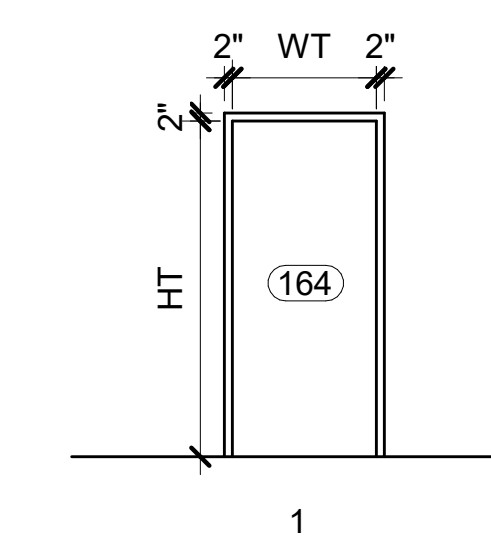
ARCHITECTURAL KEY NOTES

- A1 REINSTALL (E) HANDRAIL REFINISH AND PAINT TO MATCH ADJACENT STL LANDING
 - A2 (N) WALL MOUNTED CALL BUTTON DEVICE. PATCH AND PAINT WALL AS NEEDED FOR FINISHED APPEARANCE
 - A3 (N) ELEVATOR GATE
 - A4 (E) ELEVATOR CAB TO REMAIN
 - A6 (N) CAR OPERATING PANEL
 - A8 INSTALL (N) DOOR AND FRAME
 - A9 LOCATION OF (N) ELEVATOR MACHINERY
- *SEE ELEVATOR SPECIFICATIONS FOR ADDITIONAL WORK

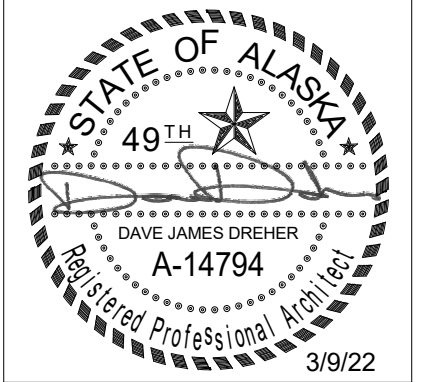
DOOR TYPE



FRAME TYPE



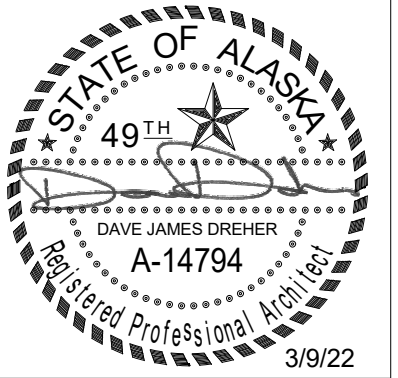
3 BASEMENT PLAN
[1/A401] Scale: 1/8" = 1'-0"



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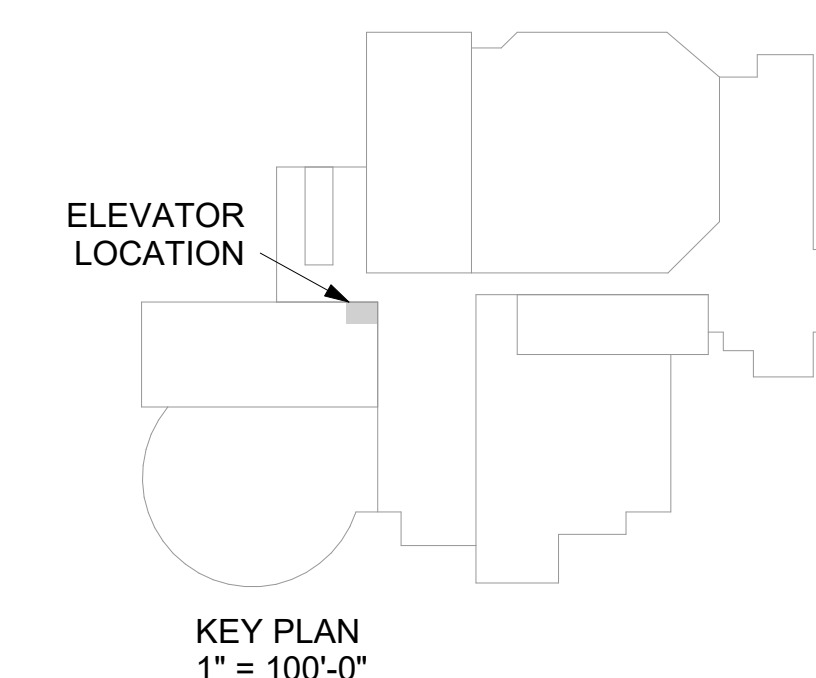
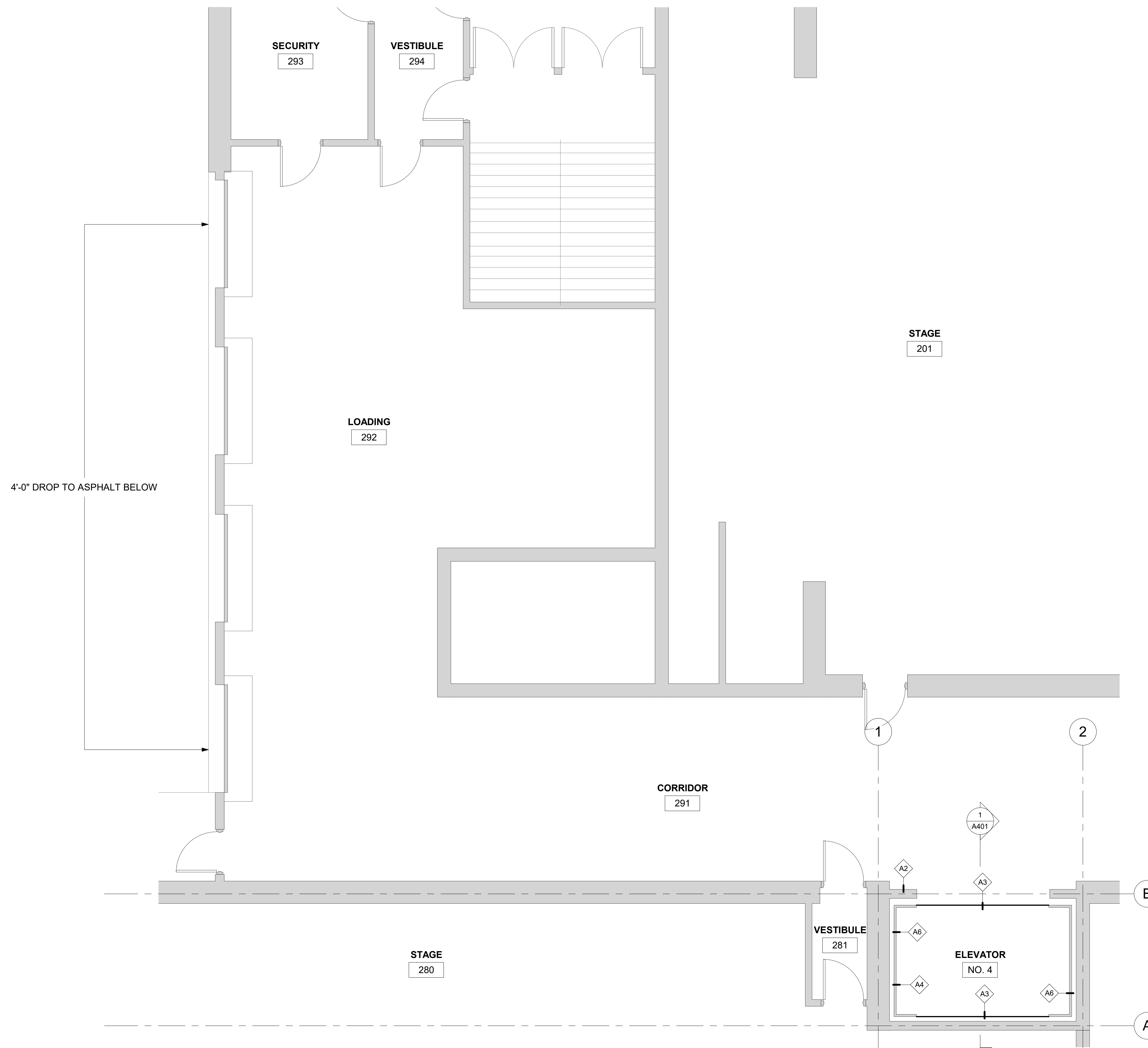
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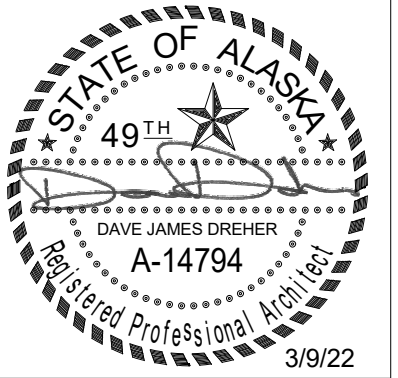
A203

ARCHITECTURAL KEY NOTES

- A2 (N) WALL MOUNTED CALL BUTTON DEVICE. PATCH AND PAINT WALL AS NEEDED FOR FINISHED APPEARANCE
 - A3 (N) ELEVATOR GATE
 - A4 (E) ELEVATOR CAB TO REMAIN
 - A6 (N) CAR OPERATING PANEL
- *SEE ELEVATOR SPECIFICATIONS FOR ADDITIONAL WORK



1 ENLARGED FIRST LEVEL PLAN
 [1/A401] Scale: 1/4" = 1'-0"



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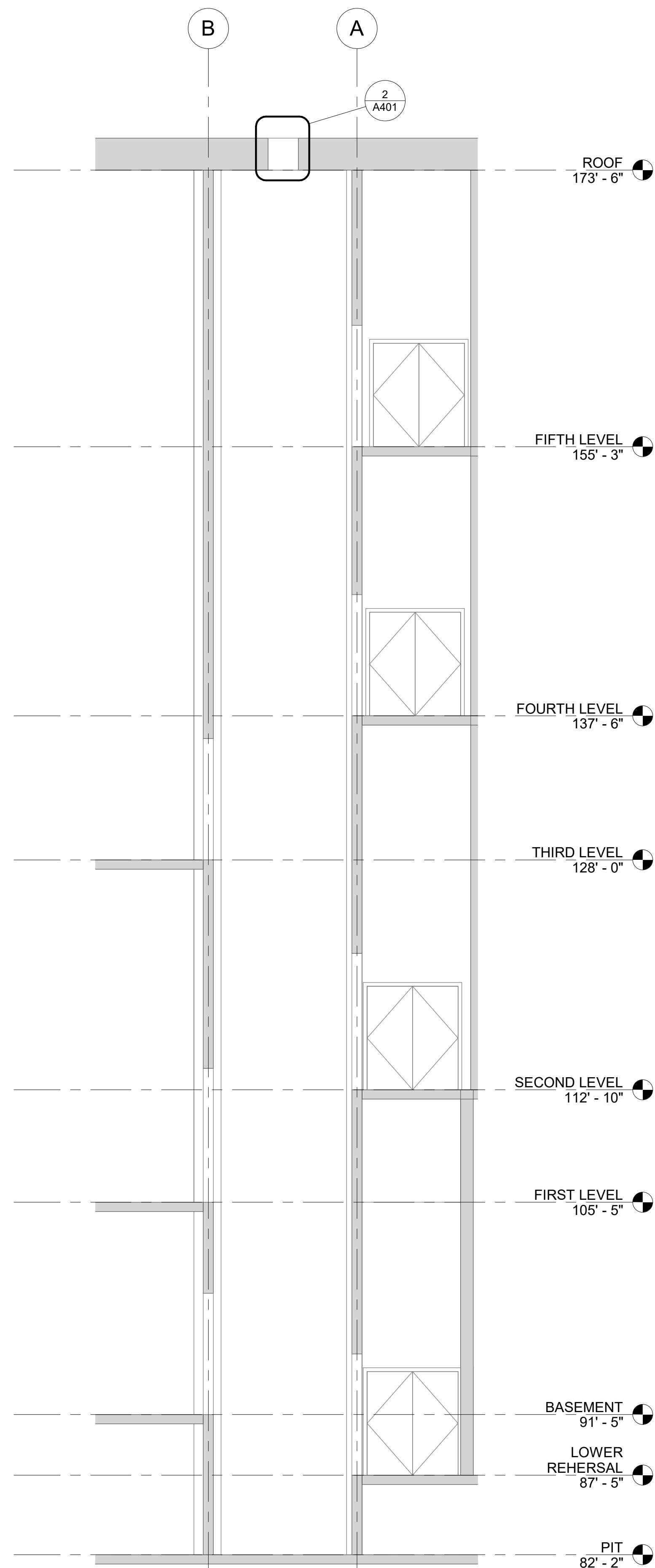
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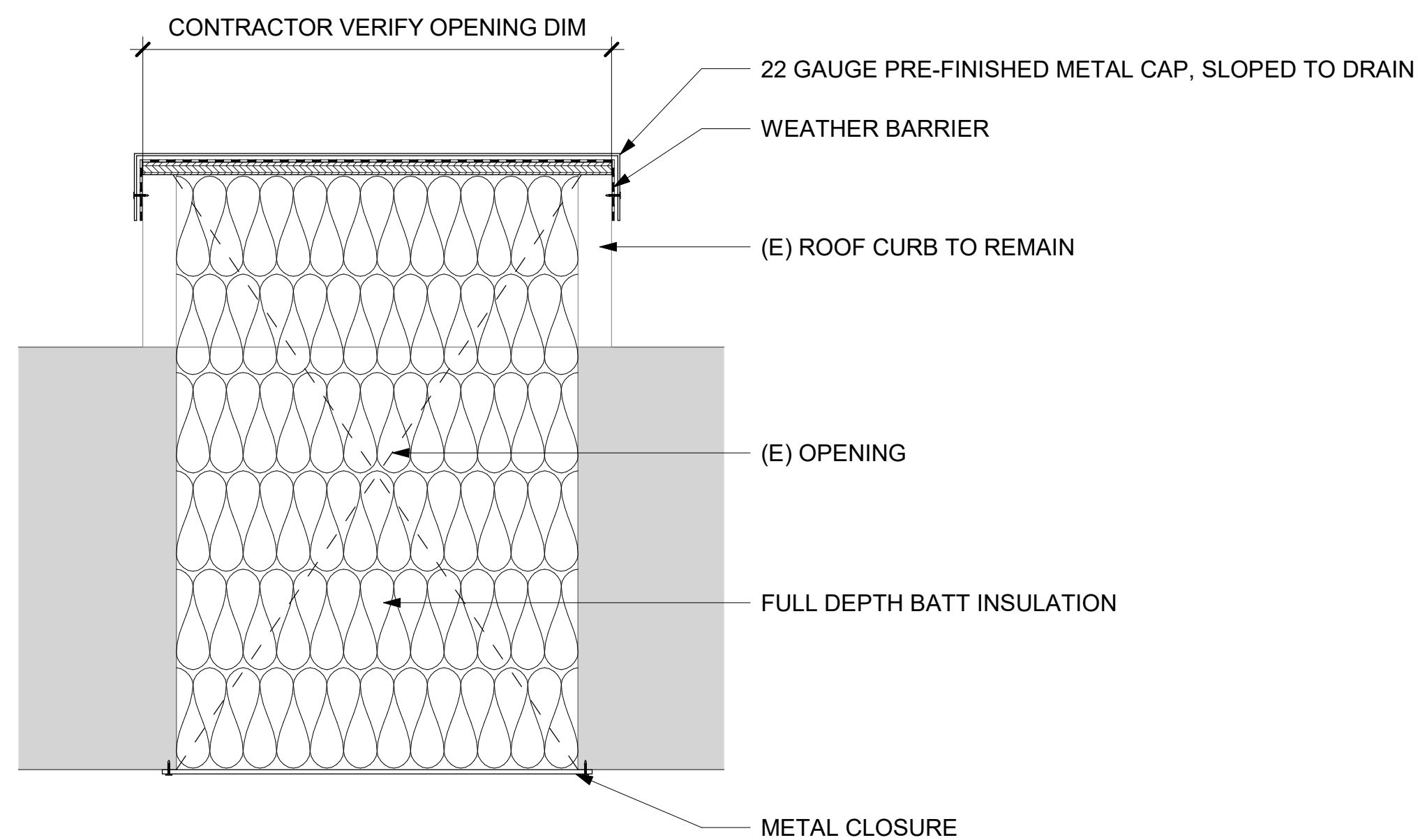
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A401



1 Section 1
 [1/A101] Scale: 3/16" = 1'-0"

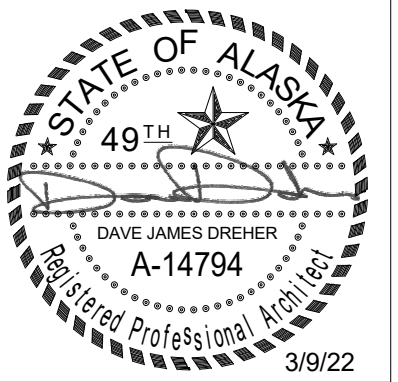


2 CURB CAP DETAIL
 [1/A401] Scale: 1 1/2" = 1'-0"

ELEVATOR PIT



ELEVATOR CAR



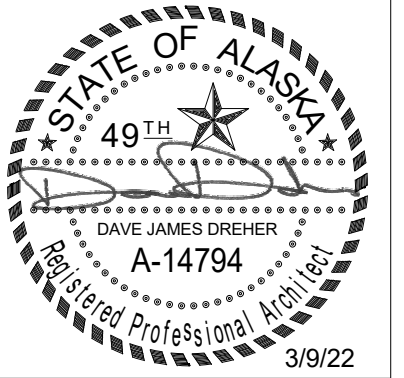
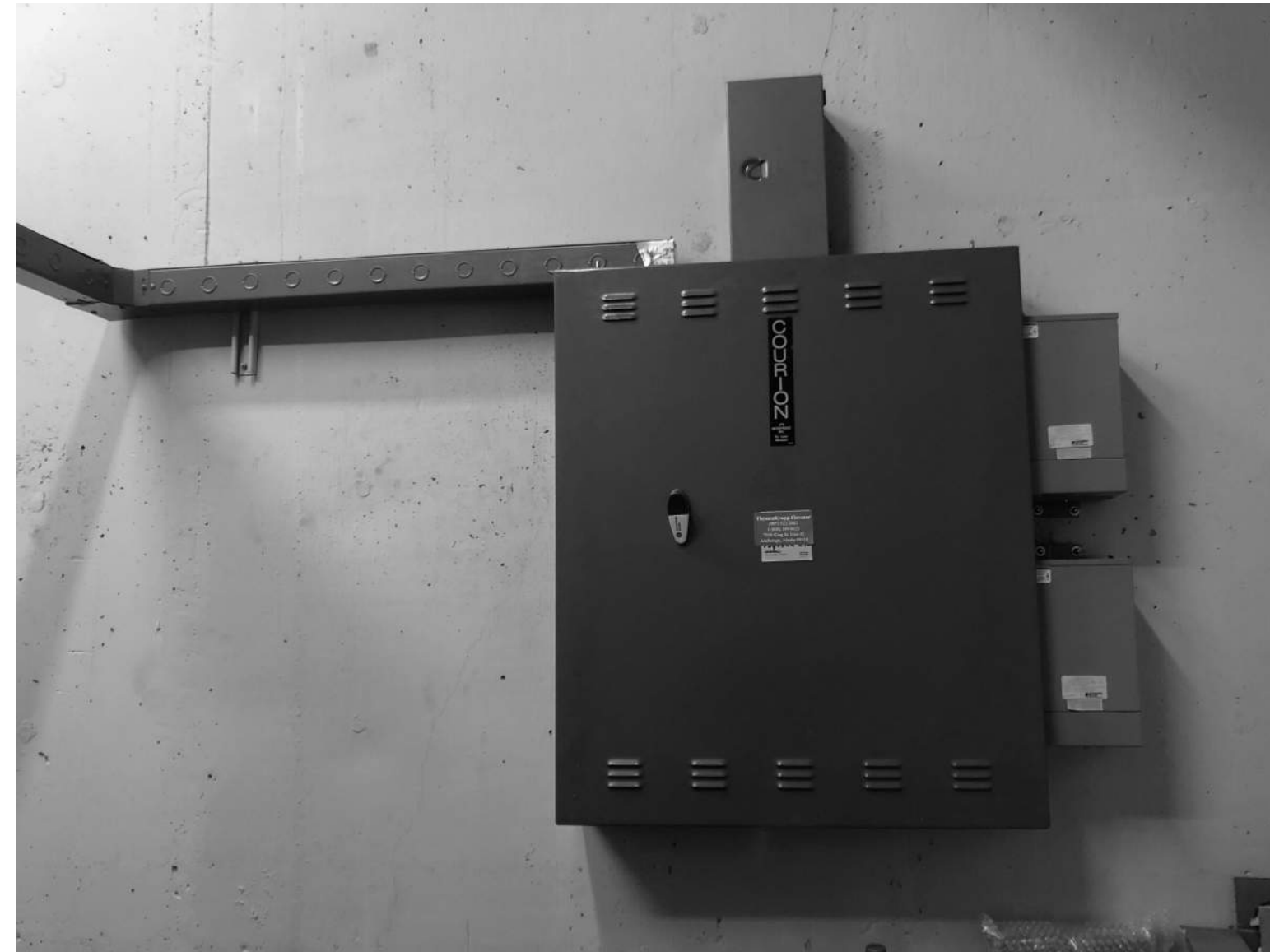
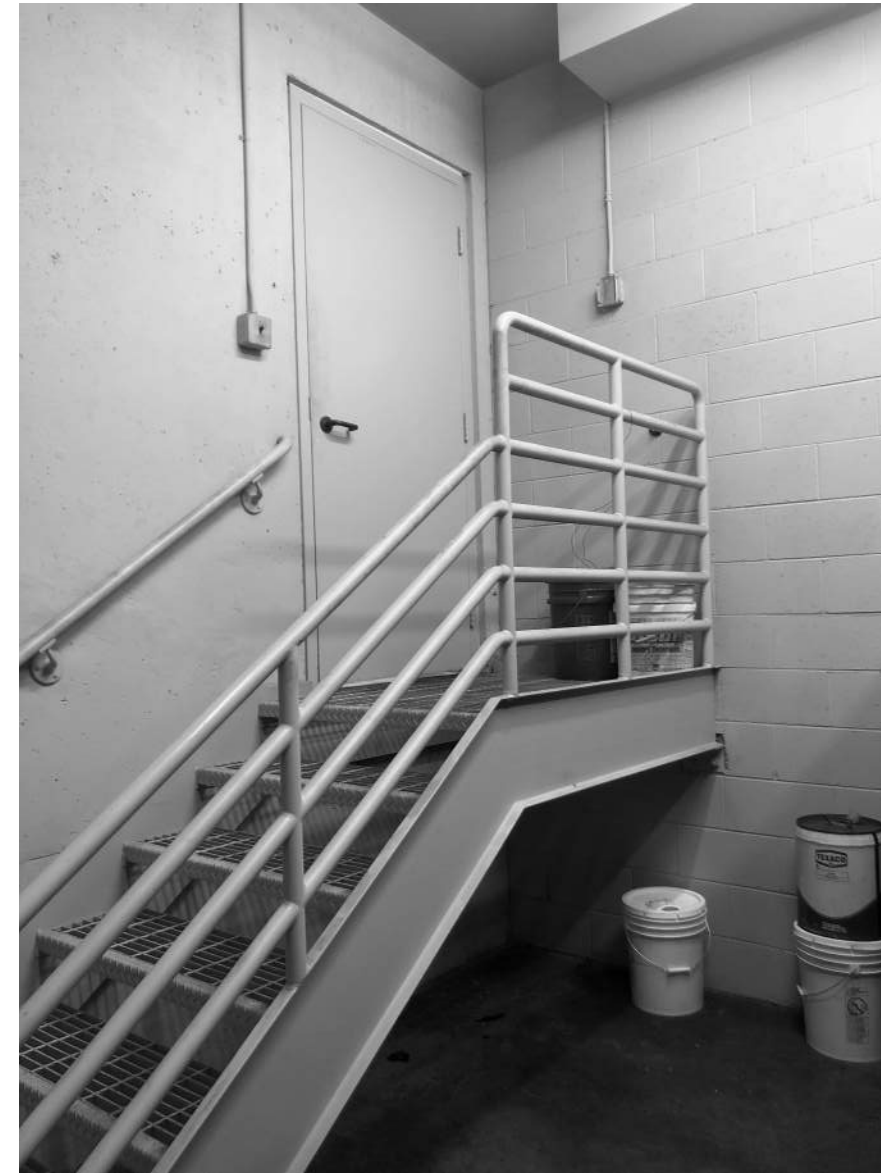
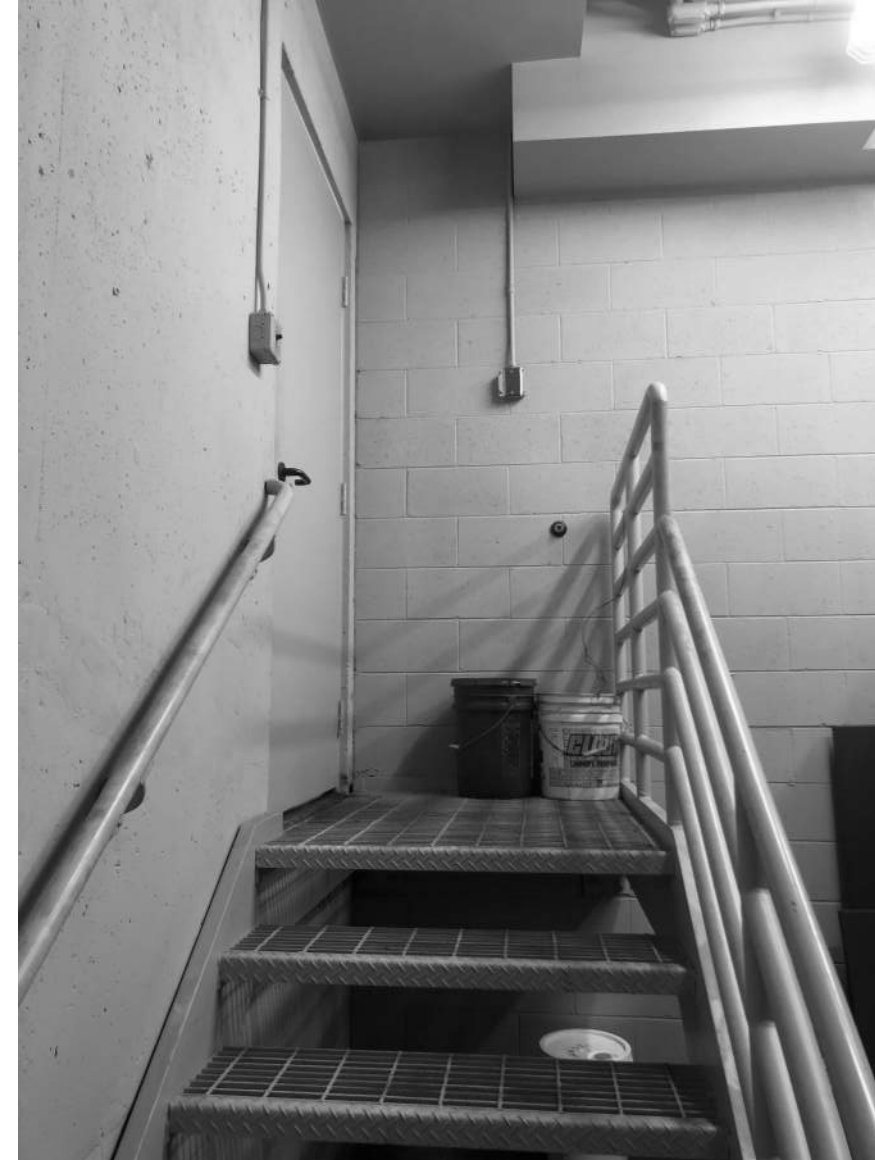
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A901

ELEVATOR MECHANICAL ROOM - 164



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| LEGEND | LOGIC | ABBREVIATIONS | |
|---|---|--|--|
| ----- DENOTES DEMOLITION - - - - - COLD WATER -FW- FORCED WASTE ○ PIPE UP ○ PIPE DOWN ○ TEE UP ○ TEE DOWN ┌ CAP └ UNION → DIRECTION OF FLOW ISOLATION VALVE CHECK VALVE SUMP PUMP (M) ACTUATOR | POINT OF CONNECTION (NEW TO EXISTING) DETAIL NUMBER SHEET LOCATED ON SHEET NOTES | ABBREVIATIONS AABC AMERICAN AIR BALANCE COUNCIL ABV ABOVE AD ACCESS DOOR AFF ABOVE FINISHED FLOOR AHAP AS HIGH AS POSSIBLE AMPS AMPERES ANSI AMERICAN NATIONAL STANDARDS INSTITUTE APD AIR PRESSURE DROP ARCH ARCHITECTURAL ASTM AMERICAN STANDARD FOR TESTING AND MATERIALS BLDG BUILDING BOD BOTTOM OF DUCT BTUH BRITISH THERMAL UNIT/HOUR CAP CAPACITY CFM CUBIC FEET PER MINUTE CIRC CIRCULATING CONT CONTINUED C.O./CO CLEANOUT CONN CONNECTION CGS/R COOLING GLYCOL SUPPLY/RETURN CU COPPER CU. FT. CUBIC FEET CW COLD WATER DDC DIRECT DIGITAL CONTROL DEG DEGREE DIA DIAMETER DIM DIMENSION DN DOWN DWG DRAWING EDB ENTERING DRY BULB EFF EFFICIENCY ENT ENTERING ESP EXTERNAL STATIC PRESSURE EXIST EXISTING EXH EXHAUST F FAHRENHEIT FT FEET FD FIRE DAMPER FLA FULL LOAD AMPS FLR FLOOR FM FACTORY MUTUAL FPM FEET PER MINUTE FT FEET FW FORCED WASTE GA GAUGE GAL GALLONS GALV GALVANIZED GPH GALLONS PER HOUR GPM GALLONS PER MINUTE HD HEAD HP HORSEPOWER IAPMO INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS IBC INTERNATIONAL BUILDING CODE IMC INTERNATIONAL MECHANICAL CODE IN INCHES IN. WC. INCHES WATER COLUMN LB/LBS POUND(S) LF LINEAL FEET MAX MAXIMUM MFGR MANUFACTURER M/A MAKEUP AIR MIN MINIMUM MOA MUNICIPALITY OF ANCHORAGE MOD MOTOR OPERATED DAMPER MTD MOUNTED NC NOISE CRITERIA N.C. NORMALLY CLOSED NEC NATIONAL ELECTRICAL CODE NFPA NATIONAL FIRE PROTECTION AGENCY NO. NUMBER N.O. NORMALLY OPEN NTS NOT TO SCALE OC ON CENTER PD PRESSURE DROP PG PROPYLENE GLYCOL PH PHASE PMP-X PUMP DESIGNATOR PSI POUND PER SQUARE INCH PSIG POUNDS PER SQUARE INCH GAUGE RPM REVOLUTIONS PER MINUTE S/A SUPPLY AIR SCFM STANDARD CUBIC FEET PER MINUTE SMACNA SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION SP STATIC PRESSURE T/A TRANSFER AIR TF-X TRANSFER FAN DESIGNATOR TEMP TEMPERATURE TOD TOP OF DUCT TSP TOTAL STATIC PRESSURE T'STAT THERMOSTAT TYP TYPICAL UL UNDERWRITERS LABORATORY UPC UNIFORM PLUMBING CODE V VENT VAC VOLT-AC W WASTE W WITH WC WATER COLUMN WHA WATER HAMMER ARRESTOR WPD WATER PRESSURE DROP YCO YARD CLEAN OUT | |
| DUCTWORK ROUND DUCT UP & DOWN SUPPLY AIR UP & DOWN RETURN AIR UP & DOWN EXHAUST AIR UP & DOWN | | | |

FAN SCHEDULE

| SYMBOL | MANUFACTURER | MODEL | TYPE | SERVICE | CFM | ESP IN W.C. | RPM | ELECTRICAL | | REMARKS |
|--------|--------------|------------|--------|-----------------------|-----|----------------|------|------------|----------|---|
| | | | | | | | | WATTS | VOLTS/PH | |
| TF-1 | FANTECH | FG-12XL EC | INLINE | ELEVATOR MACHINE ROOM | 600 | 0.5 | 2150 | 2150 | 120/1 | PROVIDE WITH UNIT MOUNTED FAN SPEED CONTROLLER. |

PUMP SCHEDULE

| SYMBOL | MANUFACTURER | MODEL | FUNCTION | PUMPED MEDIUM | GPM | HEAD FEET | ELECTRICAL | | REMARKS |
|--------|---------------|---------|-----------------------------|------------------|-----|--------------|------------|----------|---|
| | | | | | | | HP | VOLTS/PH | |
| PMP-40 | LIBERTY PUMPS | ELV 290 | ELEVATOR SUMP PUMP | WATER | 50 | 18 | 3/4 | 120/1 | AUTOMATIC OPERATION, PROVIDE WITH OILCEPTOR LIBERTY CONTROL PANEL AND REMOTE ALARM. PROVIDE PUMP W/ 6' PLUG CORD. |
| PMP-33 | LIBERTY PUMPS | ELV 290 | MECHANICAL RM 103 SUMP PUMP | WATER | 50 | 20 | 3/4 | 120/1 | AUTOMATIC OPERATION, 25' CORD. |

DATE: 3/9/22

DRAWN: SR

CHECKED: AJS

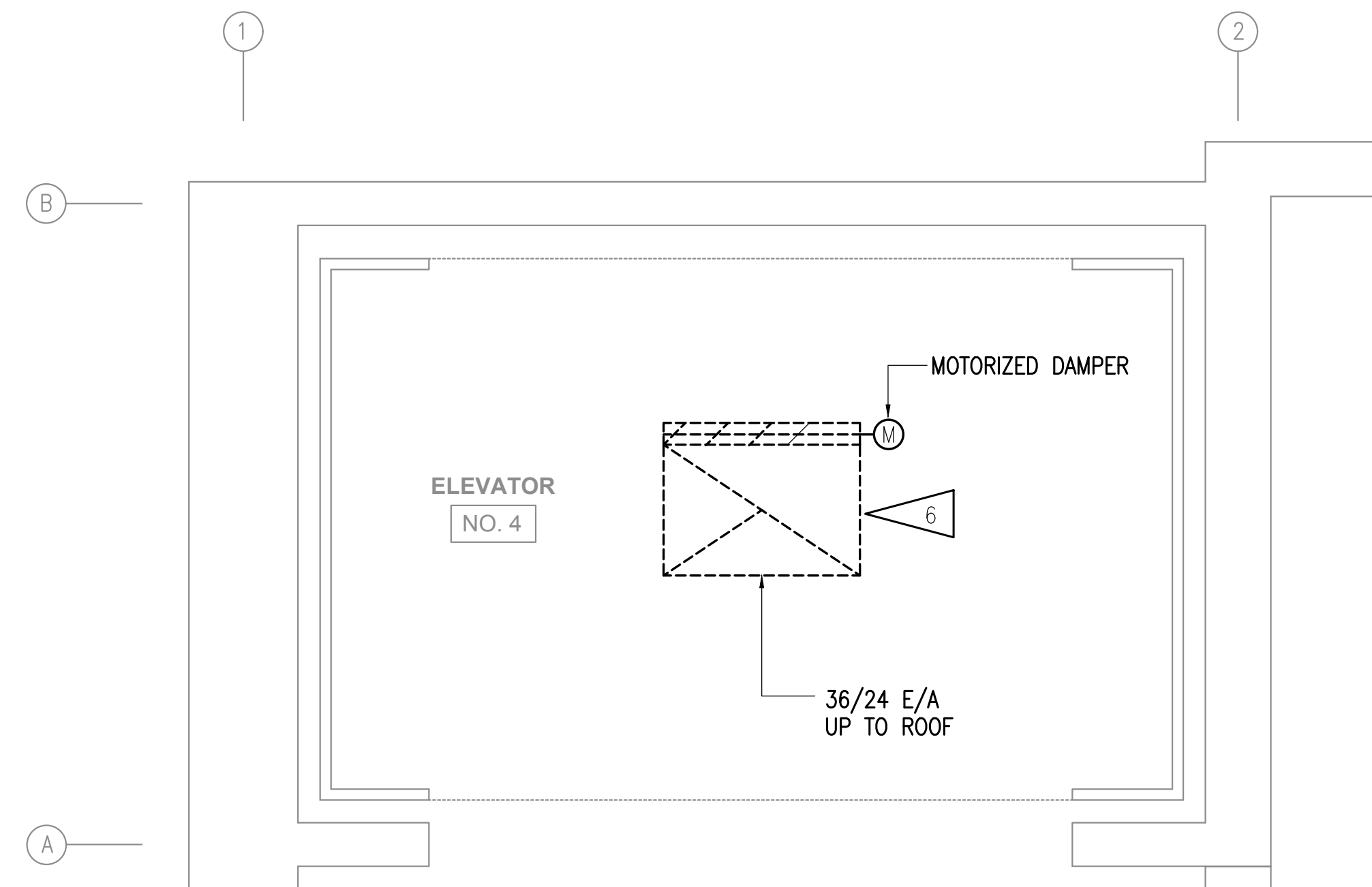
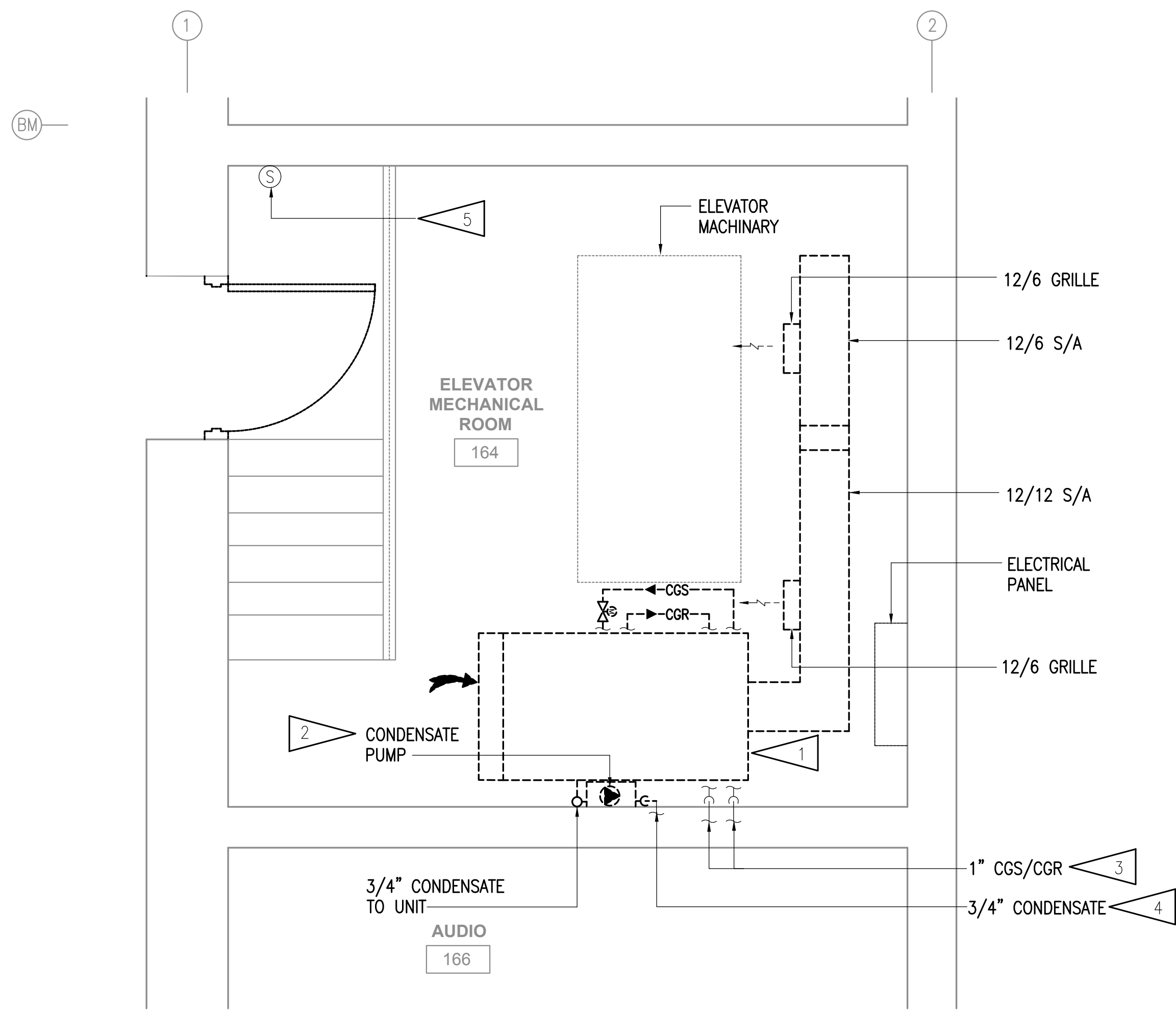
PROJECT: M1264

DRAWING TITLE:
 LEGEND, SCHEDULES
 AND ABBREVIATIONS

REVISIONS:

SHEET NO:

M001



1 ELEVATOR DEMOLITION PLAN - MACHINE ROOM
1/2" = 1'-0"

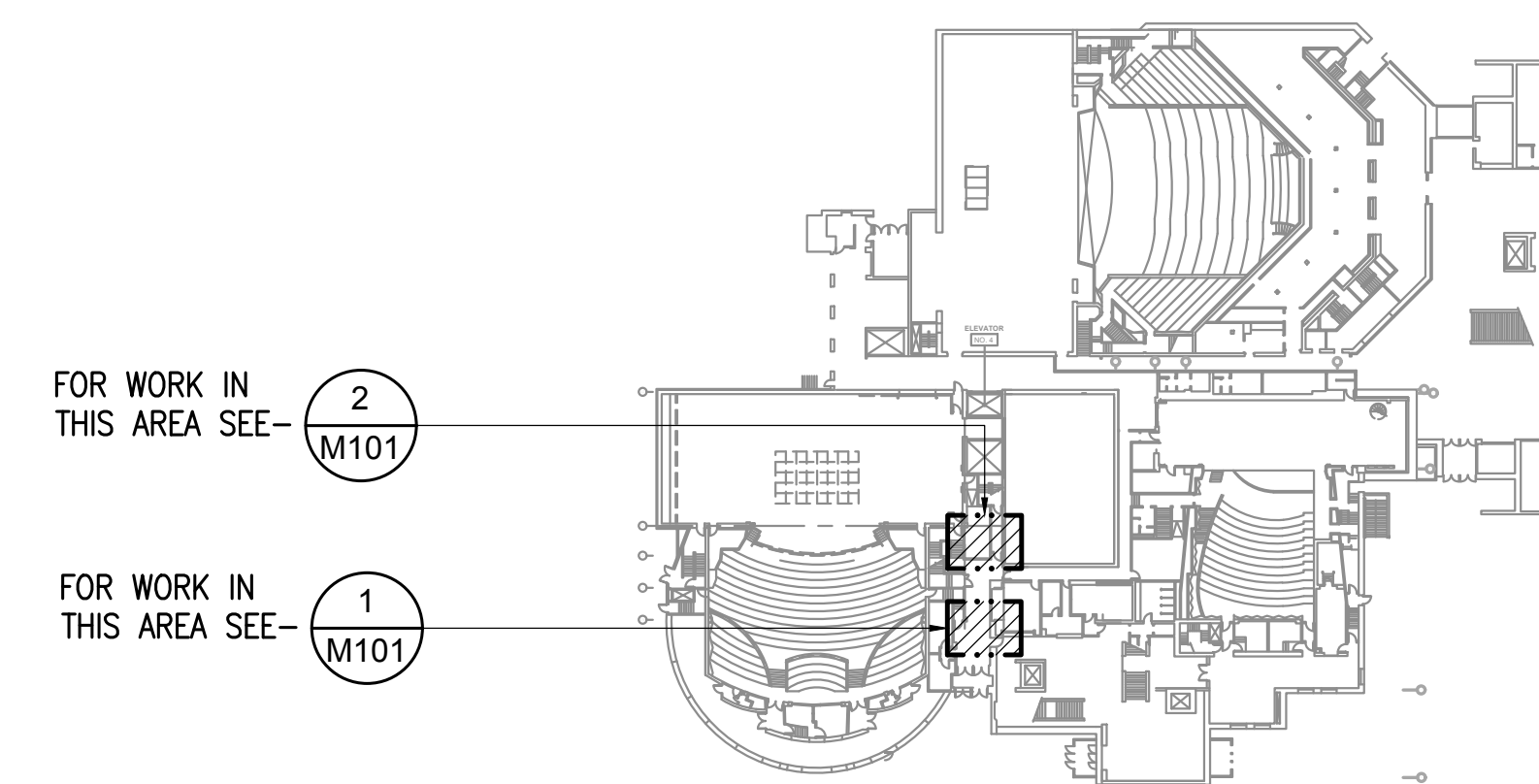
2 ELEVATOR DEMOLITION PLAN - TOP OF HOISTWAY
1/2" = 1'-0"

GENERAL NOTES:

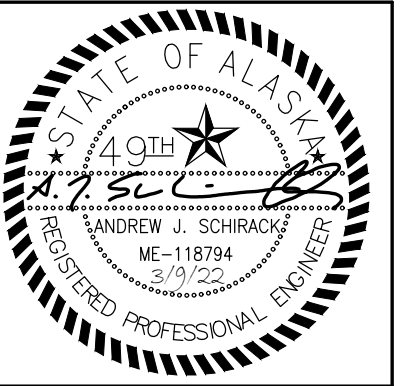
- A. THE INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM AS-BUILT DRAWINGS AND A NON-DESTRUCTIVE WALK THROUGH OF THE FACILITY. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS SCHEDULED FOR DEMOLITION PRIOR TO START OF WORK.
- B. DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED. SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.

DEMOLITION NOTES:

- 1 DEMOLISH FAN COIL UNIT, ASSOCIATED DUCTWORK, VALVES, COILS AND ALL ASSOCIATED APPURTENANCES.
- 2 DEMOLISH CONDENSATE PUMP, AND ALL ASSOCIATED APPURTENANCES.
- 3 DEMOLISH CGS/CGR PIPING AS HIGH AS POSSIBLE AND CAP.
- 4 DEMOLISH CONDENSATE PIPING AS HIGH AS POSSIBLE AND CAP.
- 5 EXISTING TEMPERATURE SENSOR TO REMAIN.
- 6 DEMOLISH HOISTWAY VENT IN ITS ENTIRETY. CAP AND INSULATE PER ARCHITECTURAL.



KEY PLAN
NOT TO SCALE



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621 W 6TH AVE ANCHORAGE, ALASKA 99501

DATE: 3/9/22

DRAWN: SR

CHECKED: AJS

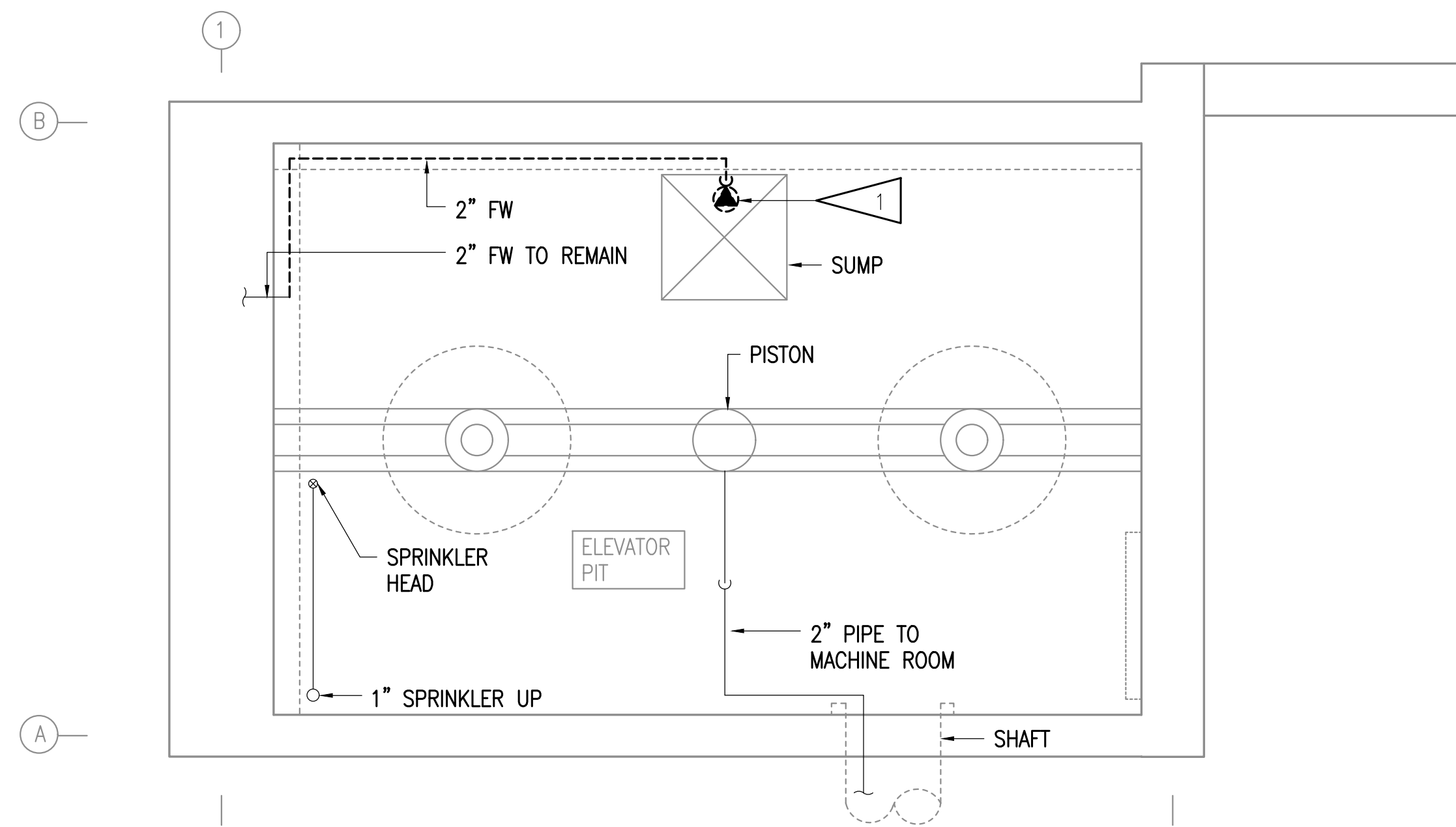
PROJECT: M1264

DRAWING TITLE:
DEMOLITION PLANS

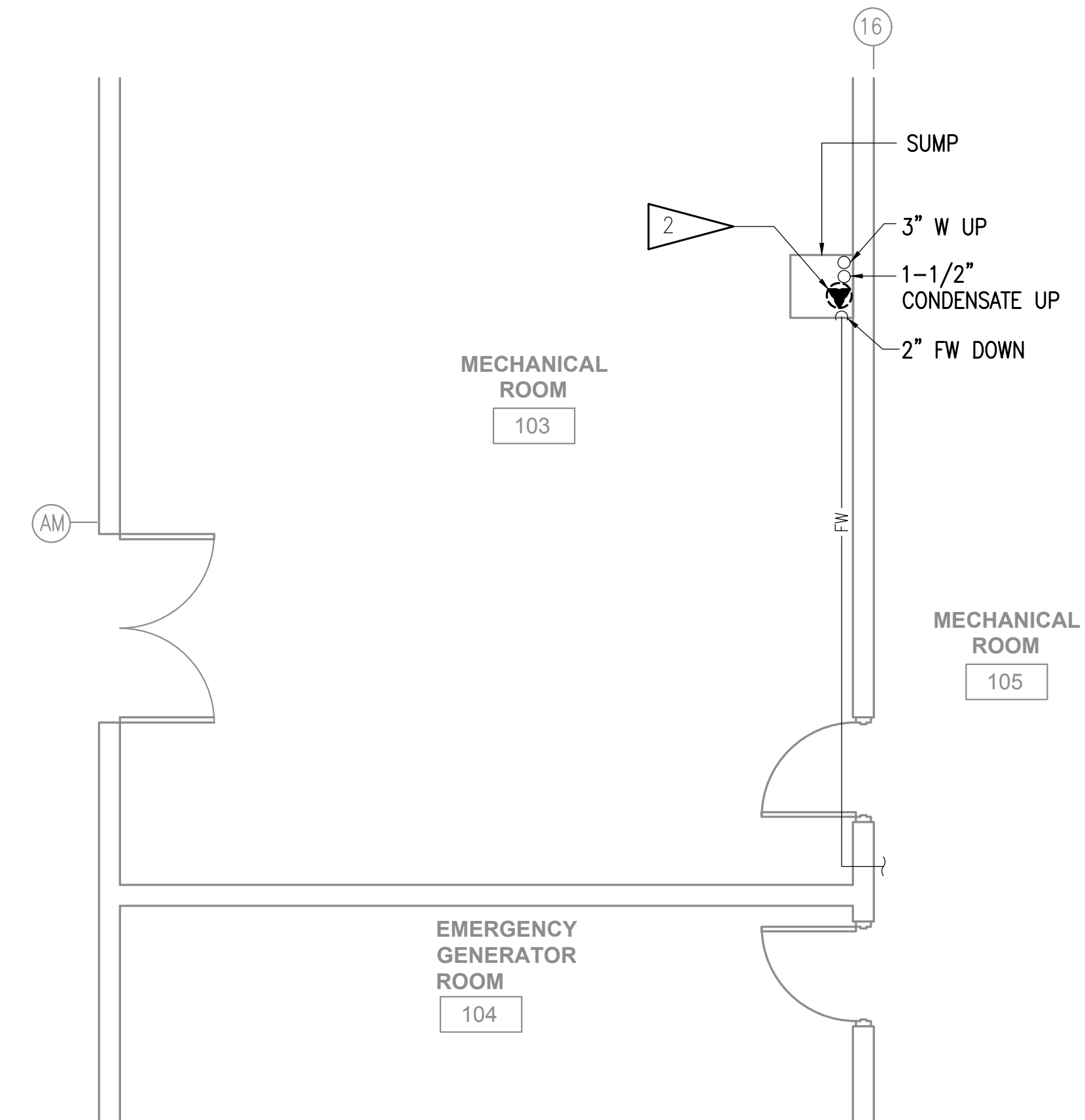
REVISIONS:

SHEET NO:

M101



1 ELEVATOR DEMOLITION PLAN - PIT
1/2" = 1'-0"



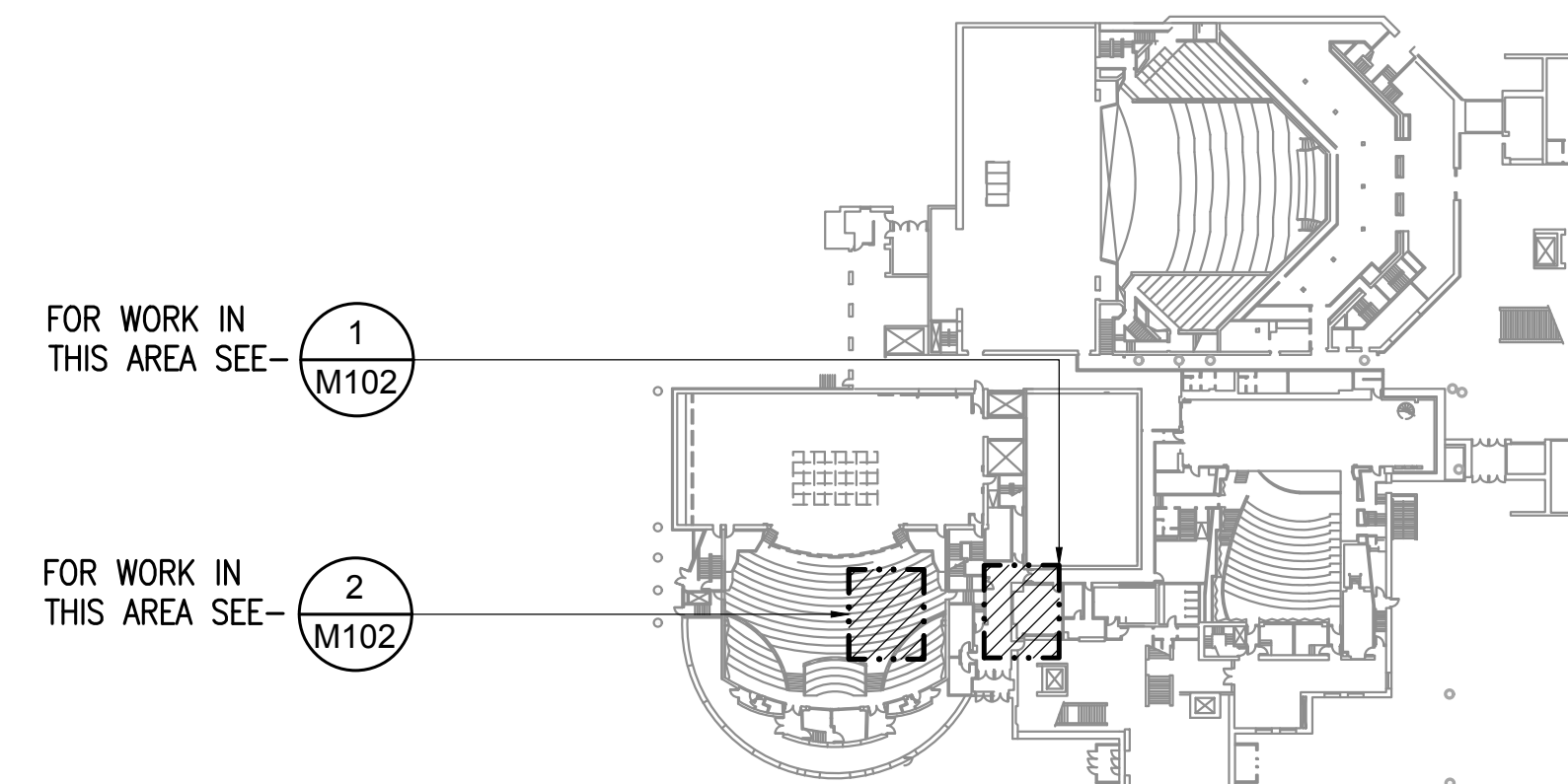
2 MECHANICAL ROOM 103 DEMOLITION PLAN
1/4" = 1'-0"

GENERAL NOTES:

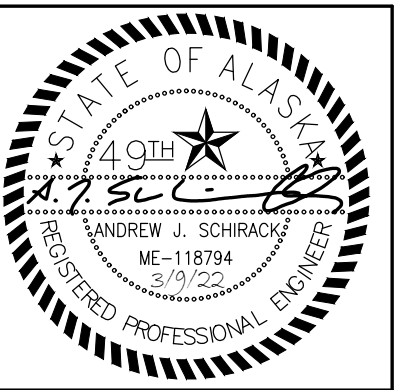
- A. THE INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM AS-BUILT DRAWINGS AND A NON-DESTRUCTIVE WALK THROUGH OF THE FACILITY. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS SCHEDULED FOR DEMOLITION PRIOR TO START OF WORK.
- B. DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED. SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.

DEMOLITION NOTES:

- 1 DEMOLISH SUMP PUMP, PMP-40 AND ALL ASSOCIATED APPURTENANCES. DEMOLISH FORCED WASTE PIPING TO EXTENT SHOWN.
- 2 DEMOLISH SUMP PUMP, PMP-30 AND ALL ASSOCIATED APPURTENANCES. SEE REMODEL FOR REPLACEMENT.



KEY PLAN
NO SCALE

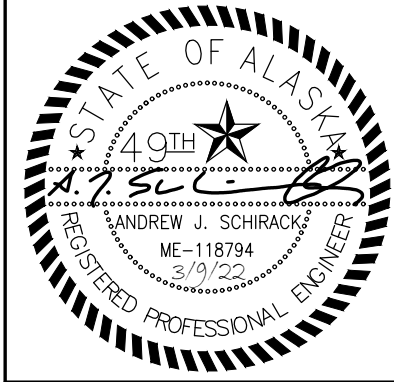


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| | |
|----------------|------------------|
| DATE: | 3/9/22 |
| DRAWN: | SR |
| CHECKED: | AJS |
| PROJECT: | M1264 |
| DRAWING TITLE: | DEMOLITION PLANS |
| REVISIONS: | |
| SHEET NO.: | M102 |



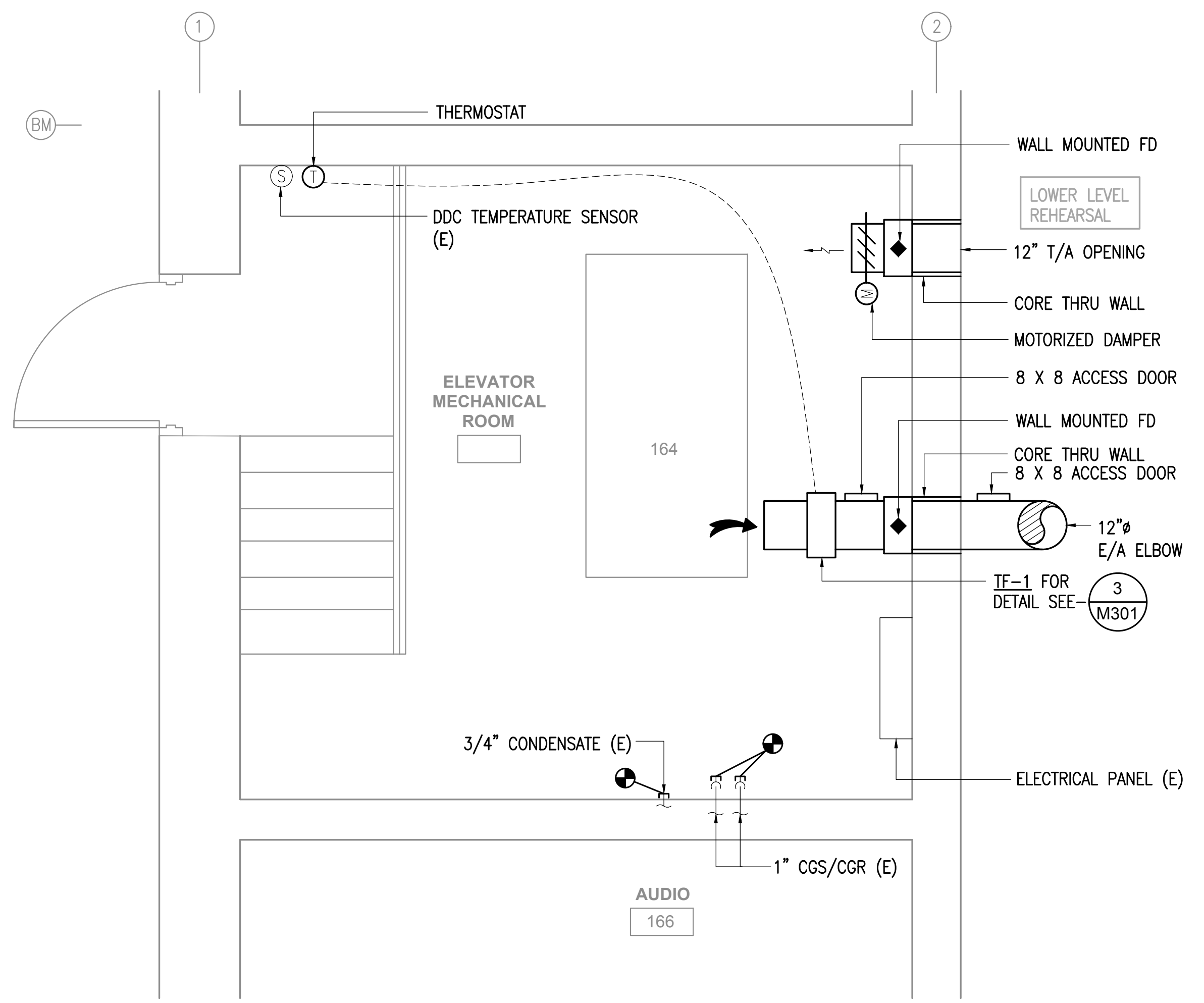
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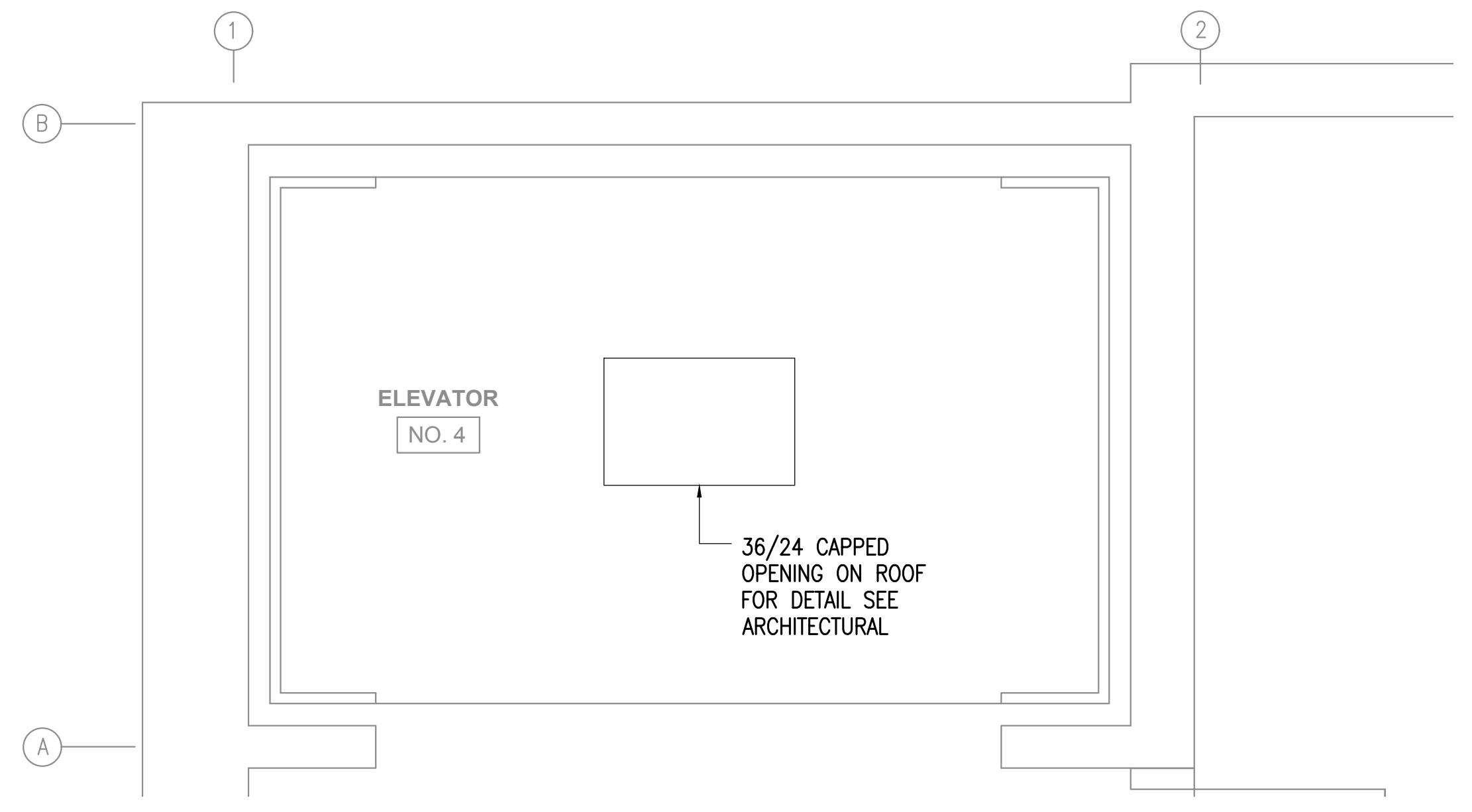
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DATE: 3/9/22
 DRAWN: SR
 CHECKED: AJS
 PROJECT: M1264
 DRAWING TITLE:
 REMODEL PLANS
 REVISIONS:

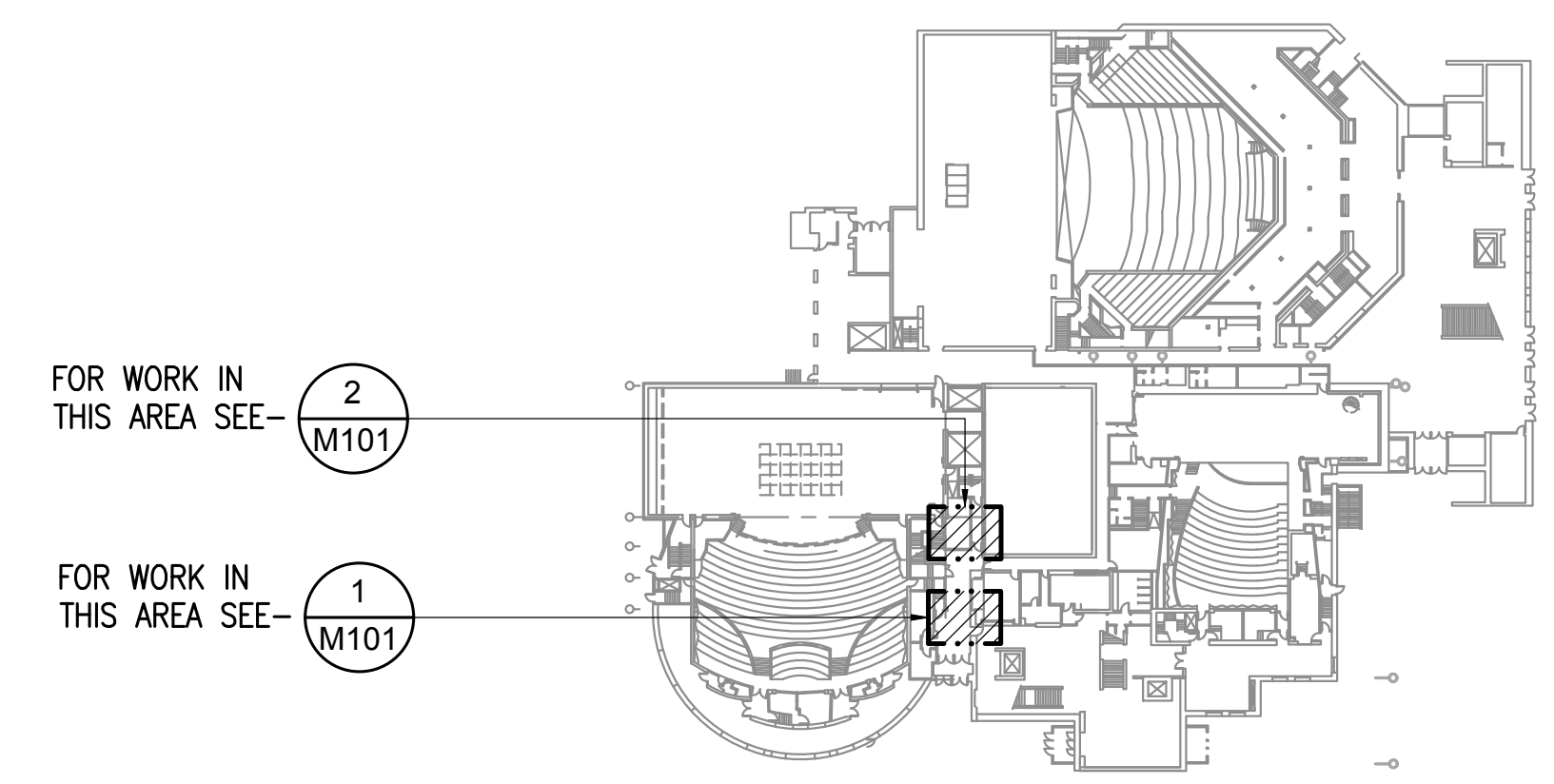
SHEET NO:
M201



1 ELEVATOR REMODEL PLAN - MACHINE ROOM
 1/2" = 1'-0"



2 ELEVATOR REMODEL PLAN - TOP OF HOISTWAY
 1/2" = 1'-0"



KEY PLAN
 NOT TO SCALE





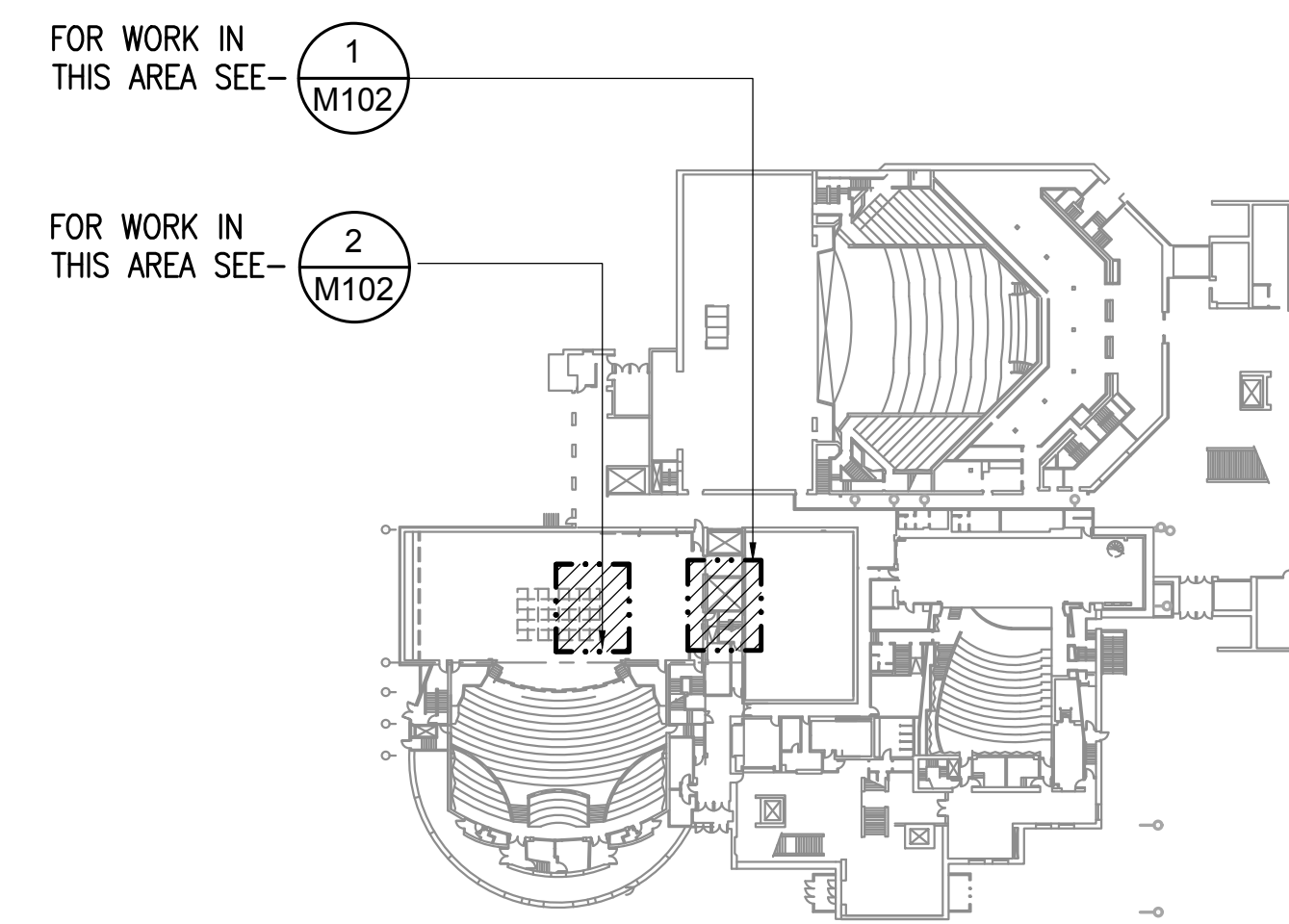
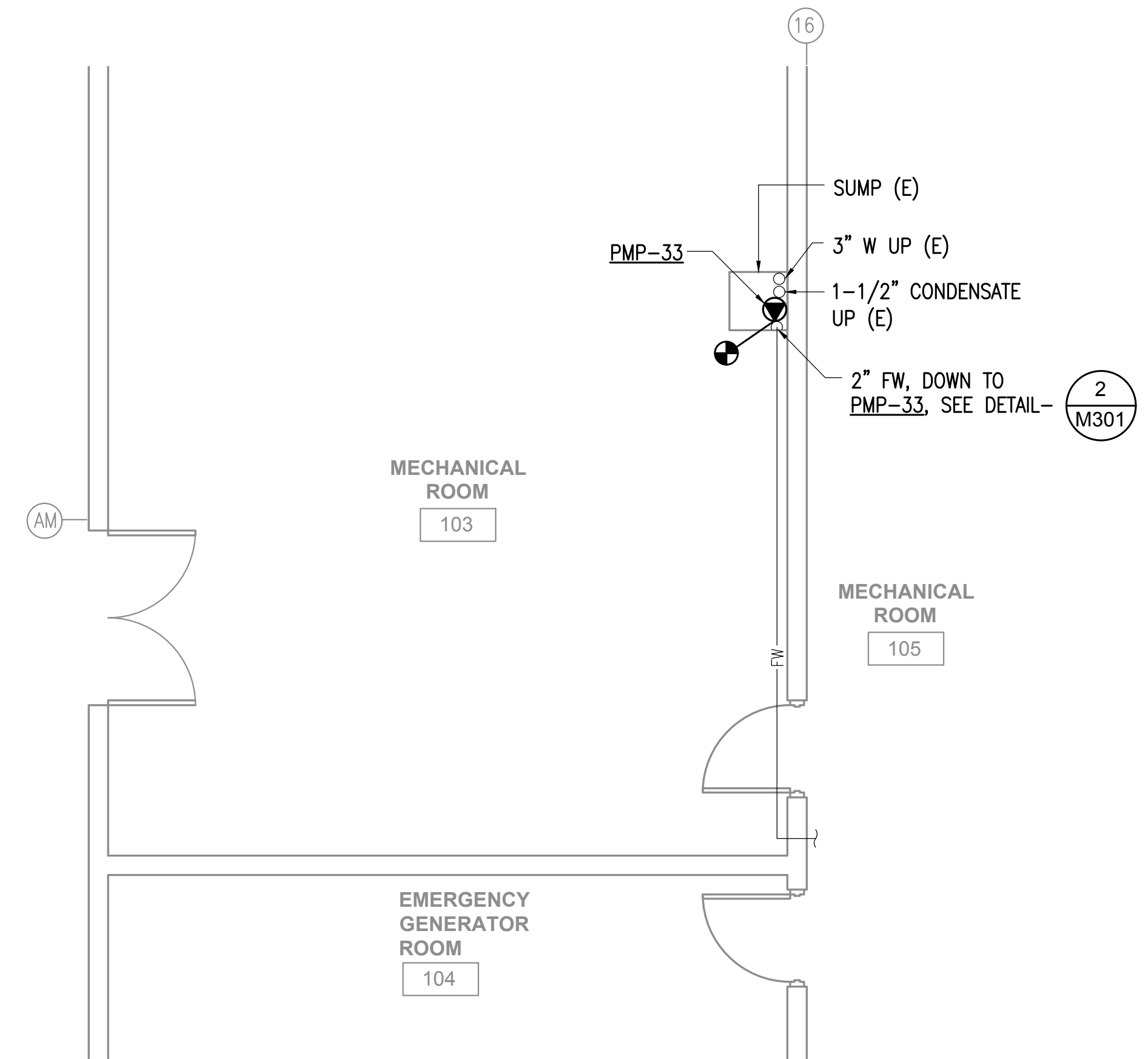
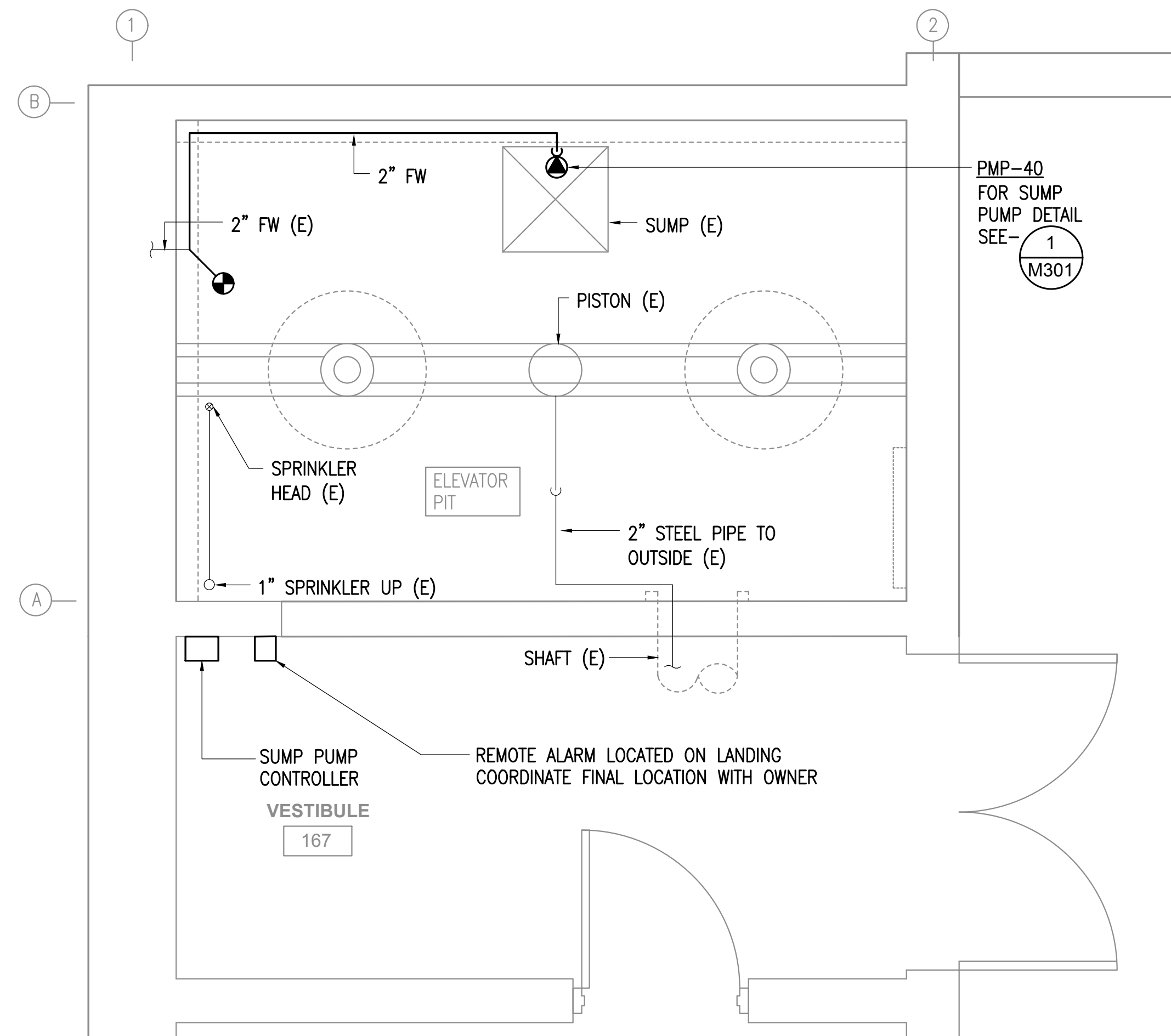
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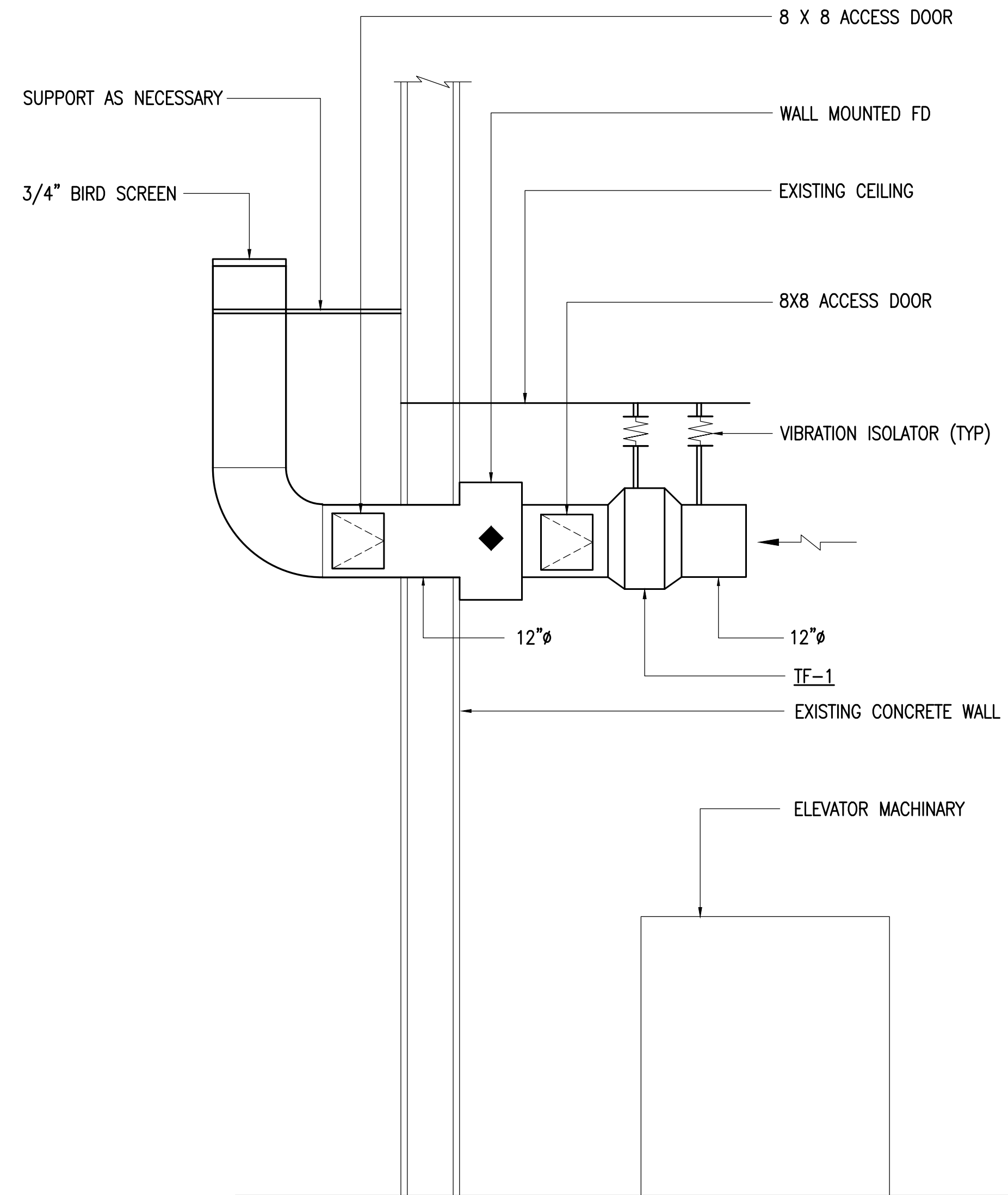
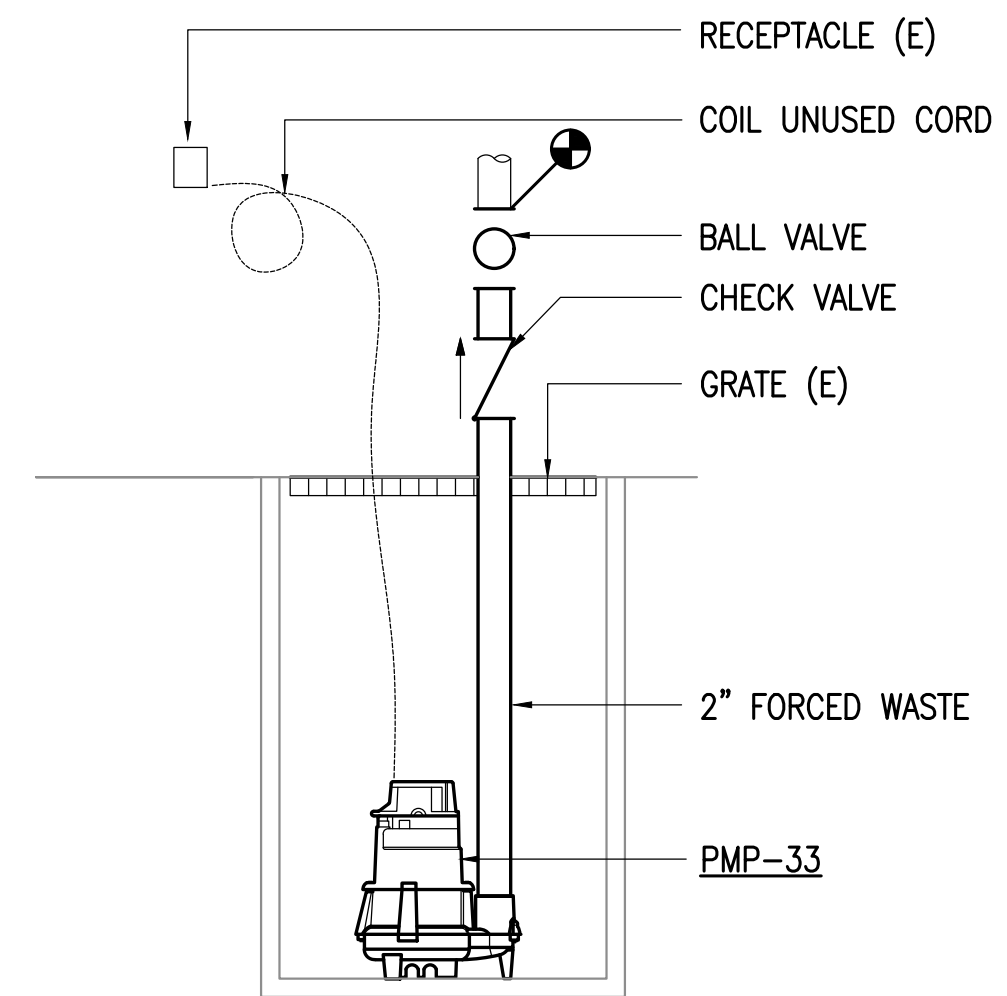
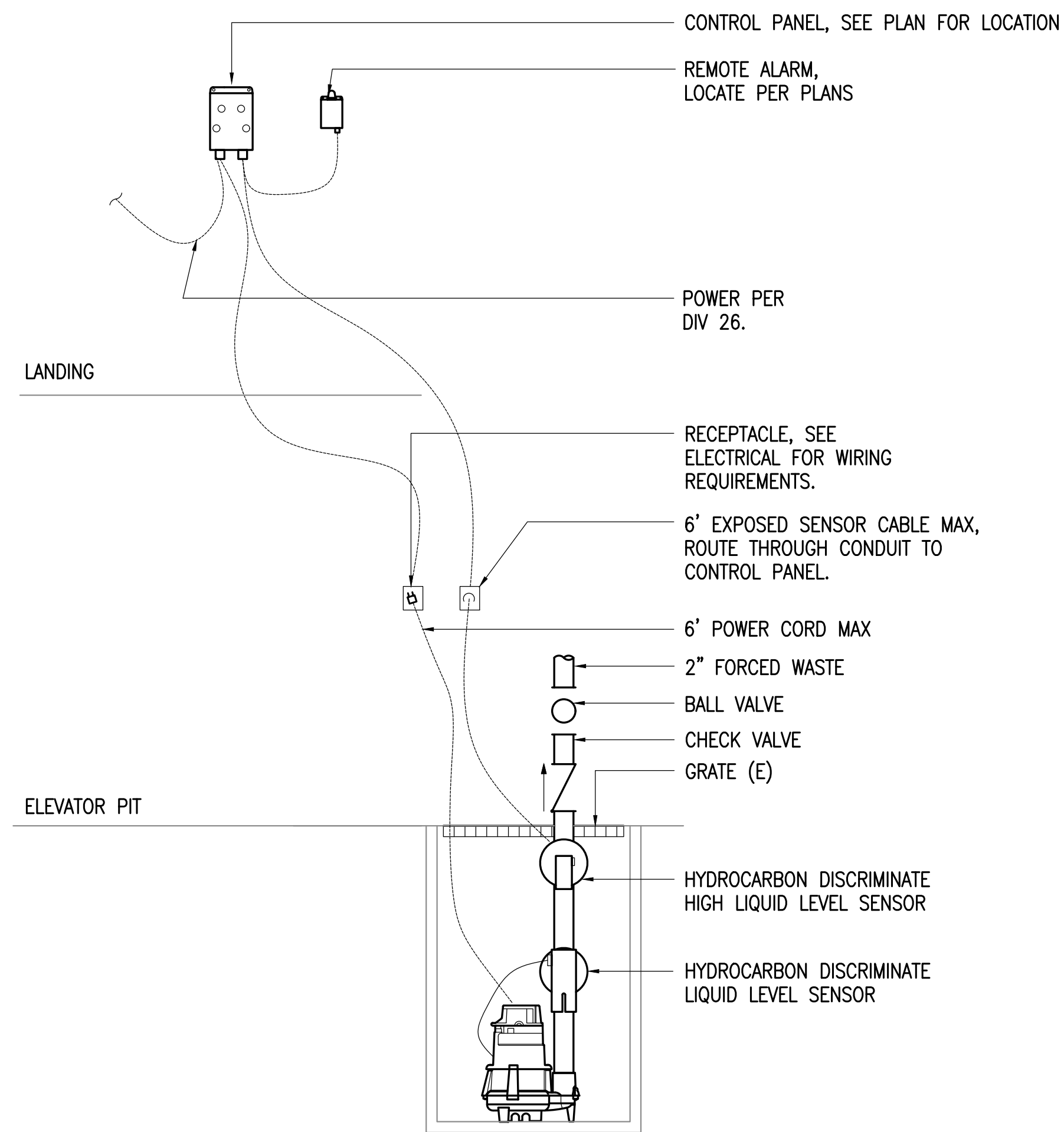
DATE: 3/9/22
 DRAWN: SR
 CHECKED: AJS
 PROJECT: M1264
 DRAWING TITLE:
 REMODEL PLANS
 REVISIONS:
 SHEET NO:

M202



KEY PLAN
 NOT TO SCALE

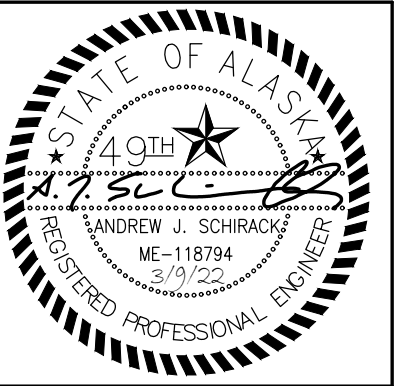




1 ELEVATOR SUMP PUMP DETAIL
 NOT TO SCALE

2 MECH ROOM 103 SUMP PUMP DETAIL
 NOT TO SCALE

3 EXHAUST FAN DETAIL
 NOT TO SCALE



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MUNICIPALITY OF ANCHORAGE
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PROJECT: M1264

DRAWING TITLE:
 DETAILS

REVISIONS:

SHEET NO:

M301

| LEGEND | | | |
|--------|---|------|---|
| | LIGHT FIXTURE - SURFACE MTD ON WALL | | DUPLEX RECEPTACLE TO BE REMOVED (DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED TYPICAL) |
| | 2X2 LIGHT FIXTURE - RECESSED | | NOTE TAG (No. INDICATES NOTE) |
| | LINEAR LIGHT FIXTURE - SURFACE MTD | AFF | ABOVE FINISHED FLOOR |
| | LINEAR LIGHT FIXTURE - PENDANT MTD | ATS | AUTOMATIC TRANSFER SWITCH |
| | FIXTURE TAG (LETTER INDICATES TYPE) | C | CONDUIT |
| | SINGLE POLE SWITCH | CO | CONDUIT ONLY |
| | CONDUIT | E | DENOTES EXISTING ITEM |
| | NUMBER AND SIZE OF WIRES (NO MARKS = 3 #12) | EM | DENOTES EMERGENCY POWER |
| | HOMERUN TO PANEL (PANEL AND CIRCUIT No.) | FACP | FIRE ALARM CONTROL PANEL |
| | PANEL | GFCI | GROUND FAULT CIRCUIT INTERRUPTER |
| | DUPLEX RECEPTACLE | K | KELVIN |
| | DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER | LED | LIGHT EMITTING DIODE |
| | SIMPLEX RECEPTACLE | LM | LUMENS |
| | JUNCTION BOX | NEC | NATIONAL ELECTRICAL CODE |
| | MOTOR (SIZED AS NOTED) | NTS | NOT TO SCALE |
| | DISCONNECT SWITCH (FUSED) | R | DENOTES EXISTING ITEM THAT HAS BEEN RELOCATED |
| | FIRE ALARM CONTROL PANEL | TYP | TYPICAL |
| | HEAT DETECTOR 135' & RATE OF RISE (OR FIXED 'F' IF NOTED) | UON | UNLESS OTHERWISE NOTED |
| | PHOTOELECTRIC SMOKE DETECTOR | | |

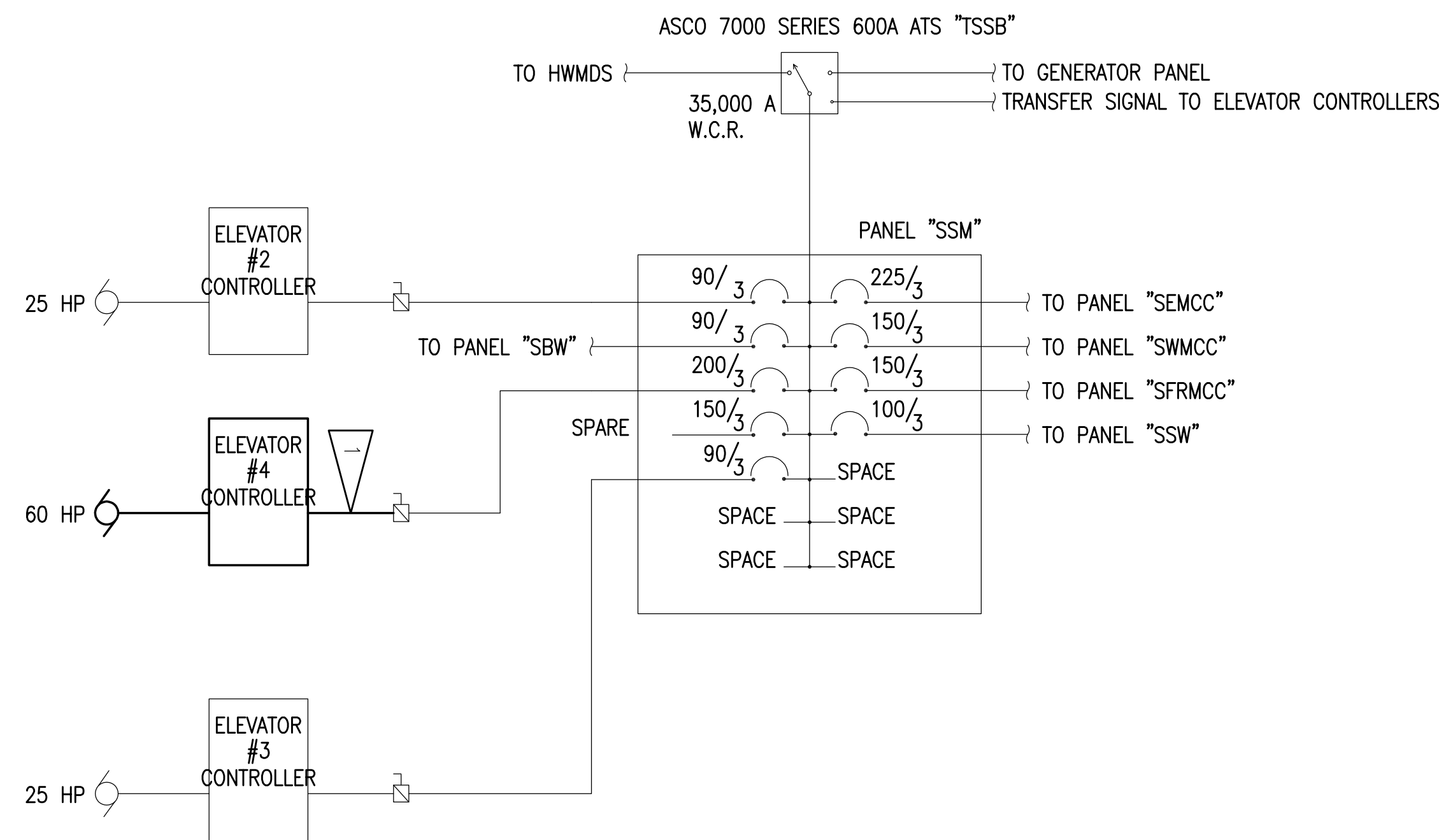
| LIGHT FIXTURE SCHEDULE | | | | | | | | |
|------------------------|-------------------------------------|--|--|-------------------------|----------------|---------------------|---------------------|-------------------|
| TYPE | LOCATION | MANUFACTURER AND CATALOG NUMBER (OR APPROVED EQUAL) | LUMINAIRE DESCRIPTION | MOUNTING | | LAMPS | BALLAST/DRIVER | TOTAL INPUT WATTS |
| | | | | TYPE | HEIGHT | | | |
| A | ELEVATOR PIT | LITHONIA LIGHTING #DMW2-L24-3000LM-MVOLT -MVOLT-GZ10-40K-80CRI | 5.88"W x 24.0"L x 3.74"H LED SURFACE MOUNT NEMA 4X GASKETED VAPORTIGHT FIXTURE WITH WHITE FIBERGLASS HOUSING, POLYCARBONATE LENS, AND POLYMERIC LATCHES. | SURFACE | MATCH EXISTING | 4000K LED 3662LM | 120-277V LED DRIVER | 28 |
| B | ELEVATOR MACHINE ROOM | LITHONIA #ZL1D-L48-7000LM-FST -MVOLT-40K-80CR-WH | 4FT NOMINAL STRIP FIXTURE, FROSTED DROP LENS, WHITE FINISH | PENDANT MOUNTED | MATCH EXISTING | 4000K LED 7597LM | 120-277V LED DRIVER | 59 |
| C | LOWER REHEARSAL, 5TH FLOOR LANDINGS | LITHONIA #ZL1D-L48-5000LM-FST -MVOLT-40K-80CR-WH | SAME AS TYPE "B" EXCEPT LOWER LUMEN OUTPUT | SURFACE/PENDANT MOUNTED | MATCH EXISTING | 4000K LED 5541LM | 120-277V LED DRIVER | 41 |
| D | BASEMENT | LITHONIA #CPX-2X2-3200LM-80CRI -40K-SWL-MIN10-ZT-MVOLT | 2"W x 2"W x 1.7"H LED RECESSED MOUNT FIXTURE WITH ALUMINUM FRAME AND SATIN WHITE DIFFUSER | RECESSED | CEILING | 4000K LED 3767LM | 120-277V LED DRIVER | 31 |
| E | 3RD FLOOR LANDING | GOTHAM #EVO4WC-40/07-AR-MWD -LD-MVOLT-GZ10-JBX-DN | 4" CYLINDRICAL LED WALL MOUNT FIXTURE WITH ALUMINUM HOUSING, CLEAR REFLECTOR WITH MATTE DIFFUSE FINISH, AND MEDIUM WIDE DISTRIBUTION | WALL MOUNTED | +7'-6" AFF | 4000K LED 808LM | 120-277V LED DRIVER | 8 |

GENERAL NOTES:

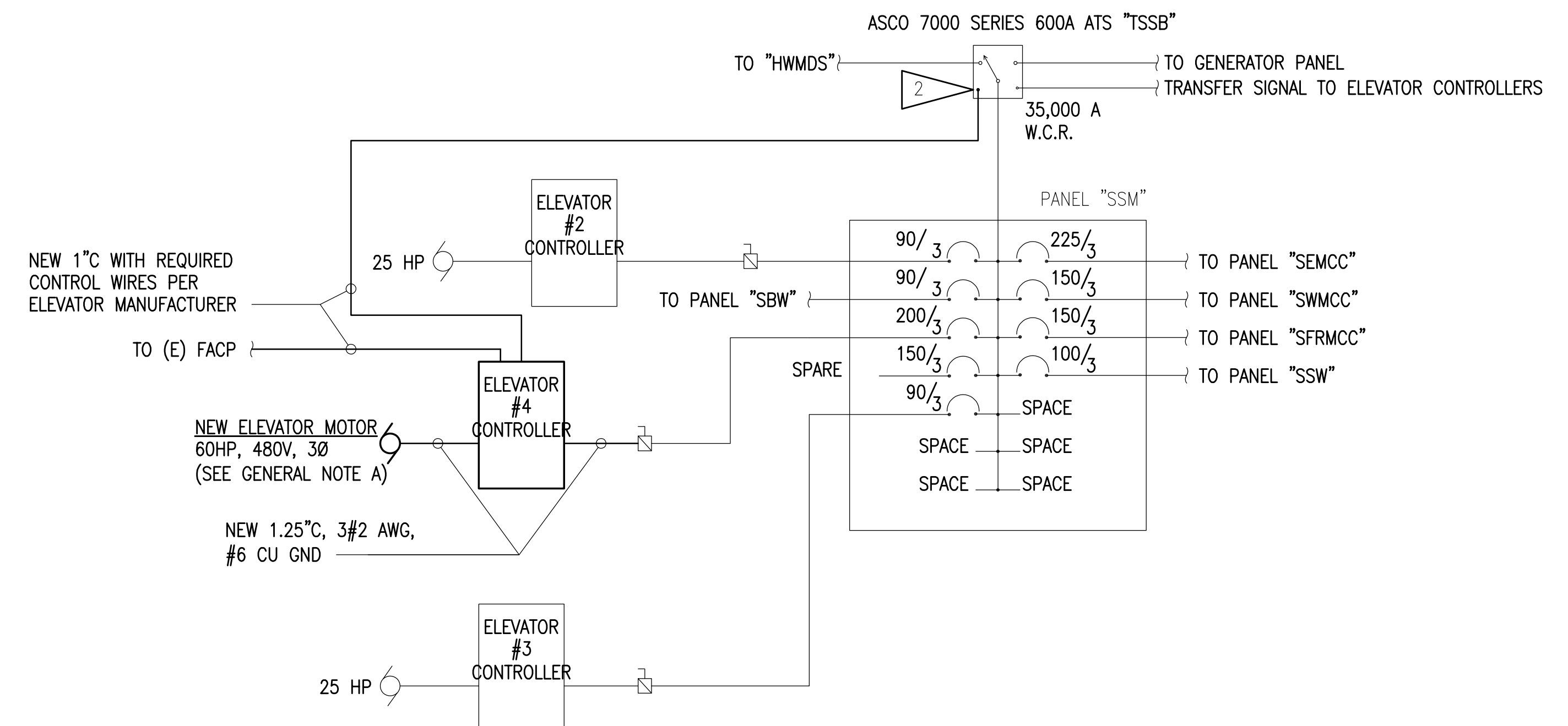
- A. THE ELEVATOR IS PERFORMANCE SPECIFIED AND BASED AROUND A 60HP, 480V, 3Ø MOTOR OR ALTERNATE 50HP, 480V, 3Ø SUBMERSIBLE MOTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE APPROPRIATELY SIZED (PER NEC) CONDUCTORS AS WELL AS FUSES IN DISCONNECT FOR CHOSEN MOTOR SIZE.

SHEET NOTES

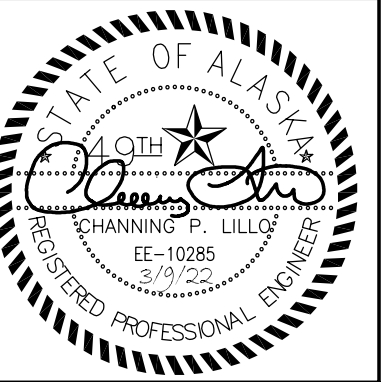
- DEMOLISH ELEVATOR CONDUIT AND CONDUCTORS BACK TO DISCONNECT.
- COORDINATE WITH ASCO TO PROVIDE AND INSTALL 31Z ELEVATOR PRE/POST TRANSFER SIGNAL ACCESSORY AND CONNECT TO NEW ELEVATOR CONTROLLER.



1 ONE-LINE DIAGRAM - DEMOLITION
NO SCALE



2 ONE-LINE DIAGRAM - REMODEL
NO SCALE



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| | |
|----------------|-------------------------------------|
| DATE: | 3/9/22 |
| DRAWN: | KWS,FWS |
| CHECKED: | KWS,CPL |
| PROJECT: | M1264 |
| DRAWING TITLE: | LEGEND, SCHEDULES AND ABBREVIATIONS |
| REVISIONS: | |
| SHEET NO.: | E001 |

| EXISTING '2BS' | | | | | | | | | | | | | | |
|----------------|------|------|------|------------------------|------|-----------|-----|-------------------|------|--------------------------|------|-------|------|------|
| MFR/MODEL: ? | | | | VOLTS: 120/208V,3PH,4W | | | | ENCLOSURE: NEMA 1 | | | | 225 A | | |
| NOTE | CIRC | POLE | AMPS | SERVICE | TYPE | VOLT-AMPS | | | TYPE | SERVICE | AMPS | POLE | CIRC | NOTE |
| | | | | | | A | B | C | | | | | | |
| a | 1 | 1 | 20 | TOILETS, SHOWERS | | | | | | OFFICE OUTLET | 20 | 1 | 2 | a |
| b | 3 | 1 | 20 | ELEVATOR PIT LTG | MISC | | 112 | | | GREEN RM OUTLET | 20 | 1 | 4 | a |
| b | 5 | 1 | 20 | ELEVATOR PIT SUMP PUMP | MOTR | | | 1127 | | GREEN RM OUTLET | 20 | 1 | 6 | a |
| c | 7 | 1 | 20 | ELEVATOR PIT RECP | RECP | 180 | | | | GREEN RM OUTLET | 20 | 1 | 8 | a |
| a | 9 | 1 | 20 | SPARE | | | | | | CORRIDOR OUTLET | 20 | 1 | 10 | a |
| a | 11 | 1 | 20 | DRESS ROOM 193 | | | | | | PIT LIFT OUTLET | 20 | 1 | 12 | a |
| a | 13 | 1 | 20 | DRESS ROOM 193 | | | | | | PIT LIFT CONTROLS | 20 | 1 | 14 | a |
| a | 15 | 1 | 20 | DRESS ROOM 194 | | | | | | TOOL ROOM OUTLETS | 20 | 1 | 16 | a |
| a | 17 | 1 | 20 | DRESS ROOM 194 | | | | | | TOOL ROOM OUTLETS | 20 | 1 | 18 | a |
| a | 19 | 1 | 20 | DRESS ROOM 156 | | | | | | TOOL ROOM OUTLETS | 20 | 1 | 20 | a |
| a | 21 | 1 | 20 | DRESS ROOM 156 | | | 180 | | RECP | RECP - ELEV. MACHINE 173 | 20 | 1 | 22 | c |
| a | 23 | 1 | 20 | DRESS ROOM 157 | | | | | | SF-40 | 20 | 1 | 24 | a |
| a | 25 | 1 | 20 | DRESS ROOM 157 | | 166 | | | MOTR | EF-1 ELEV. EXHAUST | 20 | 1 | 26 | c |
| a | 27 | 1 | 20 | DRESS ROOM 160 | | | | | | SPARE | 20 | 1 | 28 | a |
| a | 29 | 1 | 20 | DRESS ROOM 160 | | | | | | SPARE | 20 | 1 | 30 | a |
| a | 31 | 1 | 20 | DRESS ROOM 160 | | | | | | ROOM 166 OUTLETS | 20 | 1 | 32 | a |
| a | 33 | 1 | 20 | DRESS ROOM 160 | | | | | | ROOM 166 OUTLETS | 20 | 1 | 34 | a |
| a | 35 | 1 | 20 | DRESS ROOM 160 | | | | | | ROOM 166 OUTLETS | 20 | 1 | 36 | a |
| a | 37 | 1 | 20 | AUDIO | | | | | | SPARE | 20 | 1 | 38 | a |
| a | 39 | 2 | 20 | (E) UNKNOWN | | | | | | GREEN RM COOK TOP | 20 | 2 | 40 | a |
| a | 41 | 2 | 20 | ^^ | | | | | | ^^ | 20 | 2 | 42 | a |

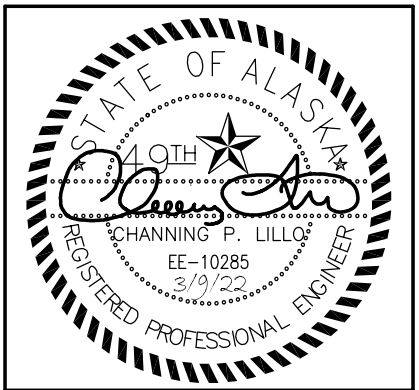
PANEL NOTES:
a EXISTING LOAD TO REMAIN
b EXISTING SPARE BREAKER TO BE CONNECTED TO NEW LOAD INDICATED.
c EXISTING BREAKER TO BE USED FOR NEW LOAD

PANEL OPTIONS:
MAIN LUGS ONLY

| ELECTRICAL LOAD CALCULATION PANEL '2BS' | |
|---|-------------|
| <u>EXISTING LOADS REMOVED (IN KVA):</u> | |
| PIT LTG | 60 VA |
| PIT RECP | 180 VA |
| SUMP PUMP | 1,127 VA |
| SF-39 | 1,127 VA |
| | VA |
| SUBTOTAL: | 2,494 VA |
| TOTAL LOADS REMOVED: | -2,494 VA |
| TOTAL LOADS REMOVED (IN AMPS): | -7 A |
| <u>NEW LOADS ADDED (IN KVA)</u> | |
| ELEVATOR PIT LTG | 112 VA |
| ELEVATOR PIT RECP | 180 VA |
| SP-1 | 1,127 VA |
| EF-1 | 166 VA |
| SUBTOTAL: | 1,585 VA |
| TOTAL LOADS ADDED: | 1,585 VA |
| TOTAL LOADS ADDED (IN AMPS): | 4 A |
| NET LOAD CHANGE: | -909 VA |
| NET LOAD CHANGE (IN AMPS): | -3 A |
| RESULT: OVERALL ALL LOAD IS REDUCED. EXISTING SERVICE AND BRANCH PANEL(S) HAVE CAPACITY FOR REMODEL. | |

| ELECTRICAL LOAD CALCULATION PANEL "WWB" | |
|---|----------------|
| <u>EXISTING LOADS REMOVED (IN VA):</u> | |
| 2-LAMP T8 STRIP FIXTURE (5) | 300 VA |
| SUBTOTAL: | 300 VA |
| TOTAL LOADS REMOVED: | -300 VA |
| TOTAL LOADS REMOVED (IN AMPS): | -0.83 A |
| <u>NEW LOADS ADDED (IN VA)</u> | |
| TYPE B (3) | 177 VA |
| TYPE C (1) | 41 VA |
| TYPE D (1) | 31 VA |
| SUBTOTAL: | 249 VA |
| TOTAL LOADS ADDED: | 249 VA |
| TOTAL LOADS ADDED (IN AMPS): | 0.69 A |
| NET LOAD CHANGE: | -51 VA |
| NET LOAD CHANGE (IN AMPS): | -0.14 A |
| RESULT: NET REDUCTION IN LOAD. EXISTING SERVICE AND BRANCH PANEL(S) HAVE CAPACITY FOR REMODEL. | |

| ELECTRICAL LOAD CALCULATION PANEL "LFR" | |
|---|----------------|
| <u>EXISTING LOADS REMOVED (IN VA):</u> | |
| (1) 2-LAMP T8 STRIP FIXTURE | 60 VA |
| SUBTOTAL: | 60 VA |
| TOTAL LOADS REMOVED: | -60 VA |
| TOTAL LOADS REMOVED (IN AMPS): | -0.17 A |
| <u>NEW LOADS ADDED (IN VA)</u> | |
| TYPE C | 41 VA |
| TYPE E | 16 VA |
| SUBTOTAL: | 57 VA |
| TOTAL LOADS ADDED: | 57 VA |
| TOTAL LOADS ADDED (IN AMPS): | 0.16 A |
| NET LOAD CHANGE: | -3 VA |
| NET LOAD CHANGE (IN AMPS): | -0.01 A |
| RESULT: NET REDUCTION IN LOAD. EXISTING SERVICE AND BRANCH PANEL(S) HAVE CAPACITY FOR REMODEL. | |



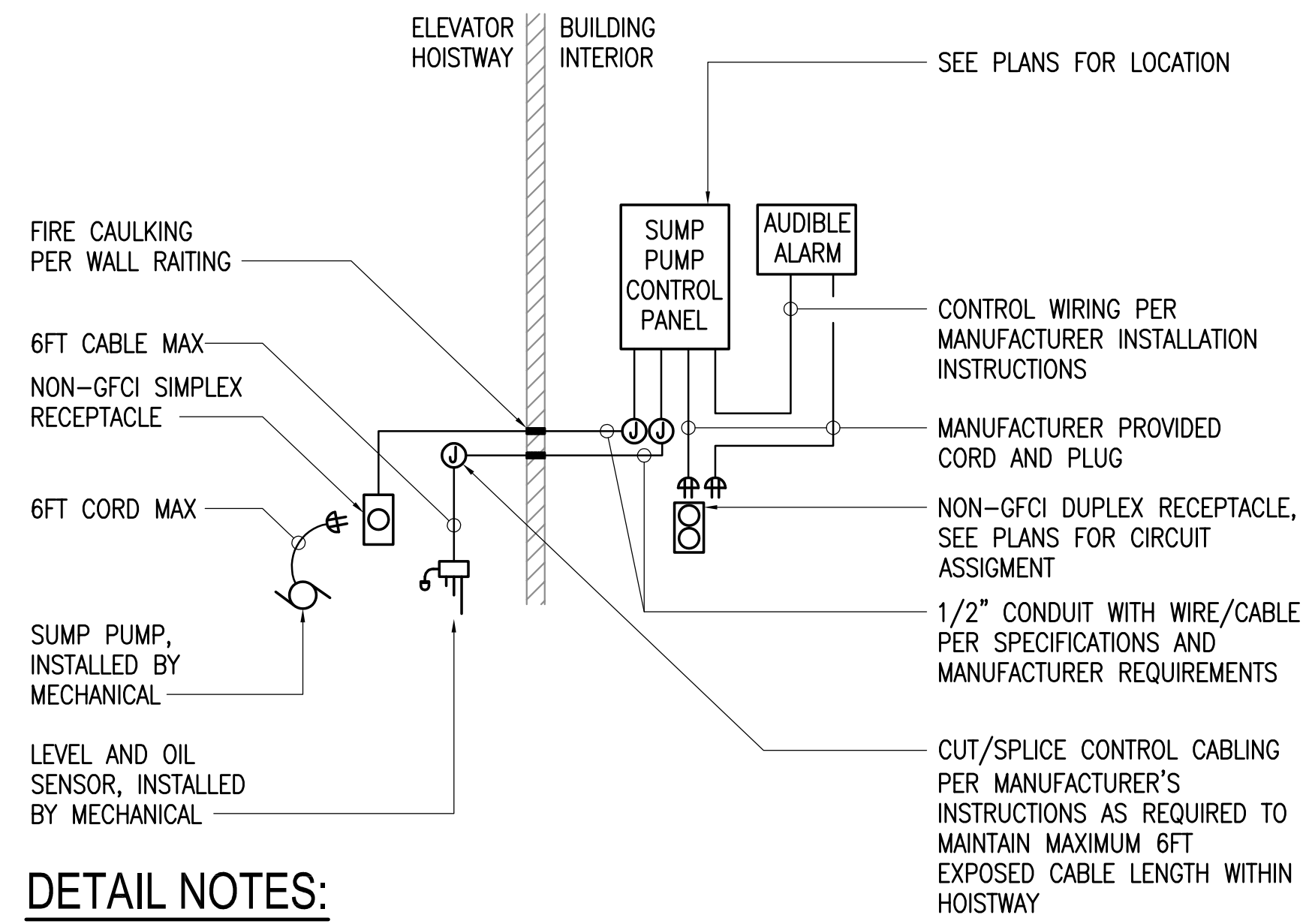
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MUNICIPALITY OF ANCHORAGE
**PERFORMING ARTS CENTER
ELEVATOR MODERNIZATION**
621 W 6TH AVE ANCHORAGE, ALASKA 99501

DATE: 3/9/22
DRAWN: KWS, FWS
CHECKED: KWS, CPL
PROJECT: M1264
DRAWING TITLE:
ELECTRICAL
SPECIFICATIONS
REVISIONS:
SHEET NO:

E002



DETAIL NOTES:

- A. ELEVATOR SUMP PUMP, CONTROL PANEL, AND SENSORS ARE PROVIDED BY MECHANICAL AND INSTALLED BY ELECTRICAL UNLESS OTHERWISE NOTED. BASIS OF DESIGN IS LIBERTY PUMPS #ELV-SERIES.
- B. ALL ELECTRICAL WORK WITHIN HOISTWAY SHALL COMPLY WITH WITH LATEST NEC ADOPTED CODE OF ARTICLE 620.

1 ELEVATOR SUMP PUMP DETAIL
NO SCALE

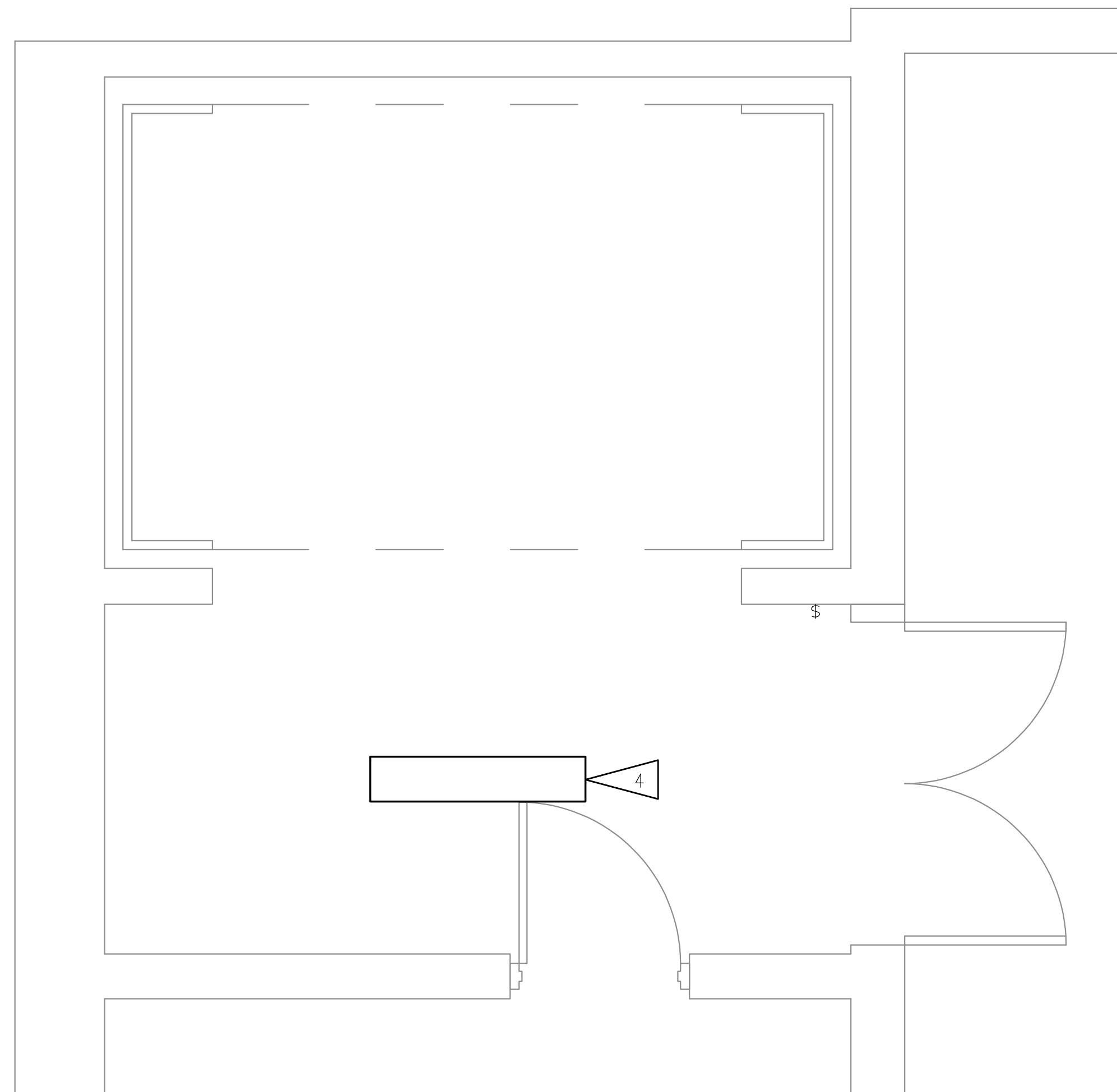


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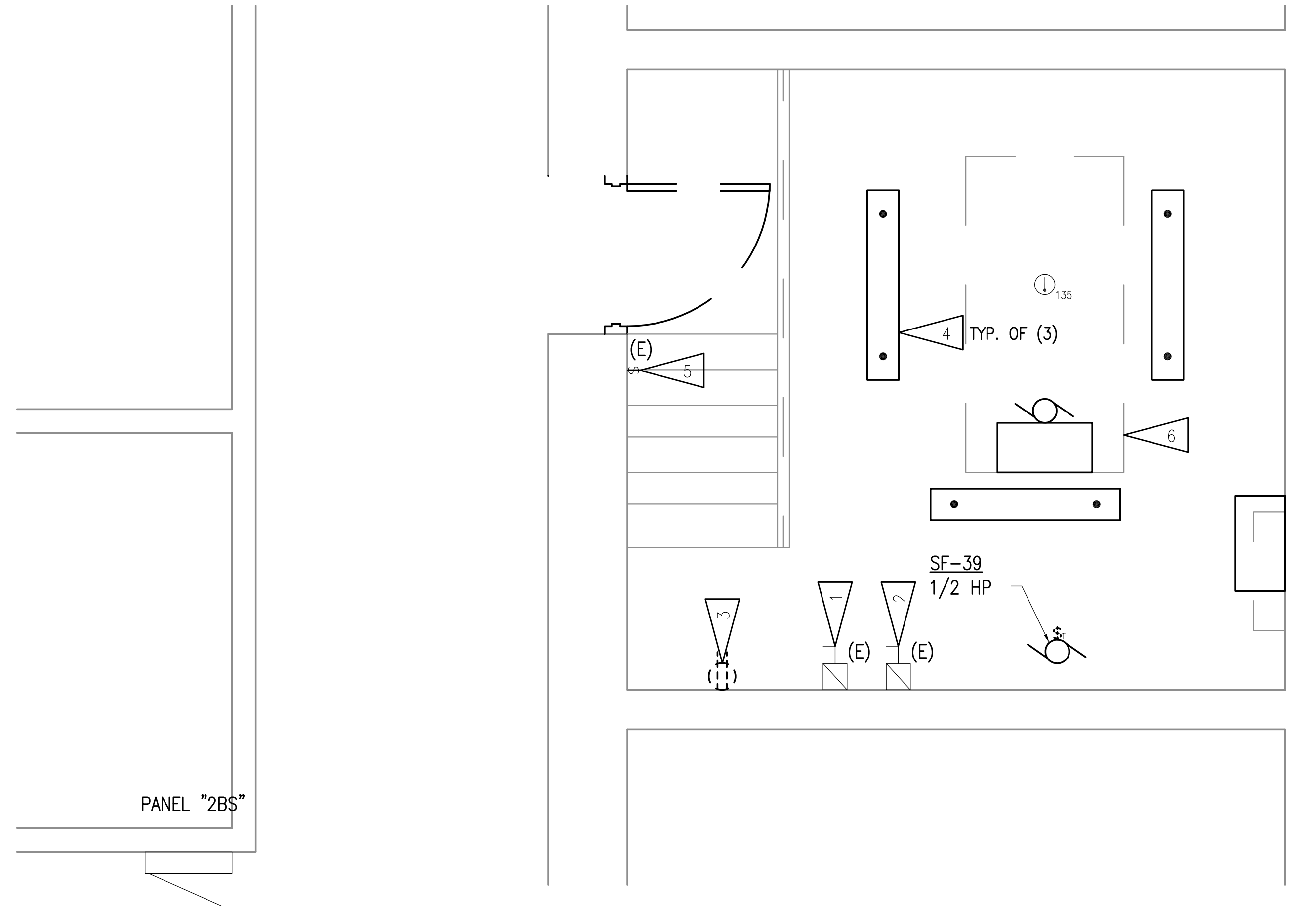
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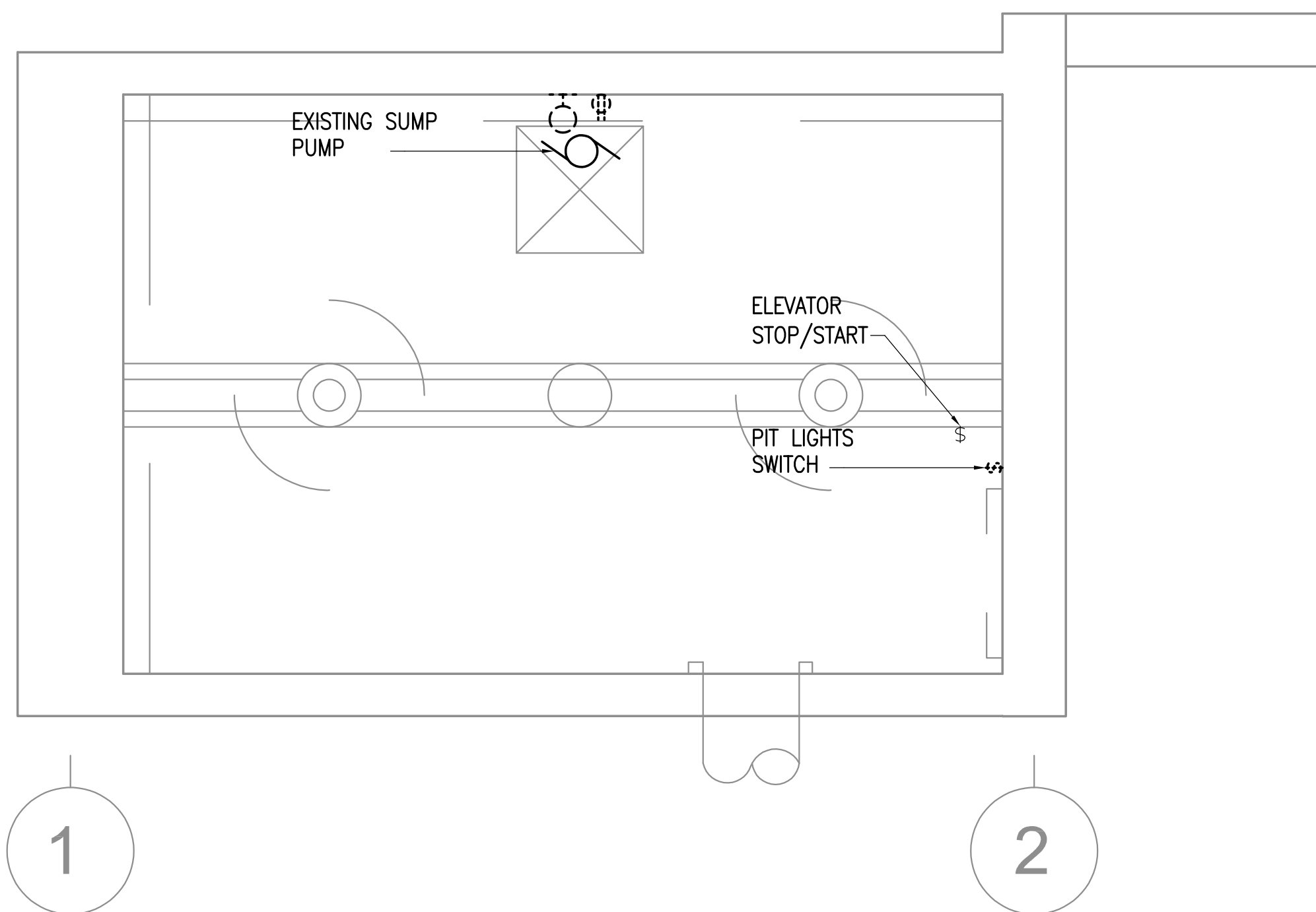
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|---|
| DATE: 3/9/22 |
| DRAWN: KWS |
| CHECKED: KWS |
| PROJECT: M1264 |
| DRAWING TITLE: ELECTRICAL DETAILS |
| REVISIONS: |
| SHEET NO: E003 |



1 ELEVATOR LOW REHEARSAL DEMOLITION PLAN
1/2" = 1'-0"



2 ELEVATOR MACHINE ROOM DEMOLITION PLAN
1/2" = 1'-0"



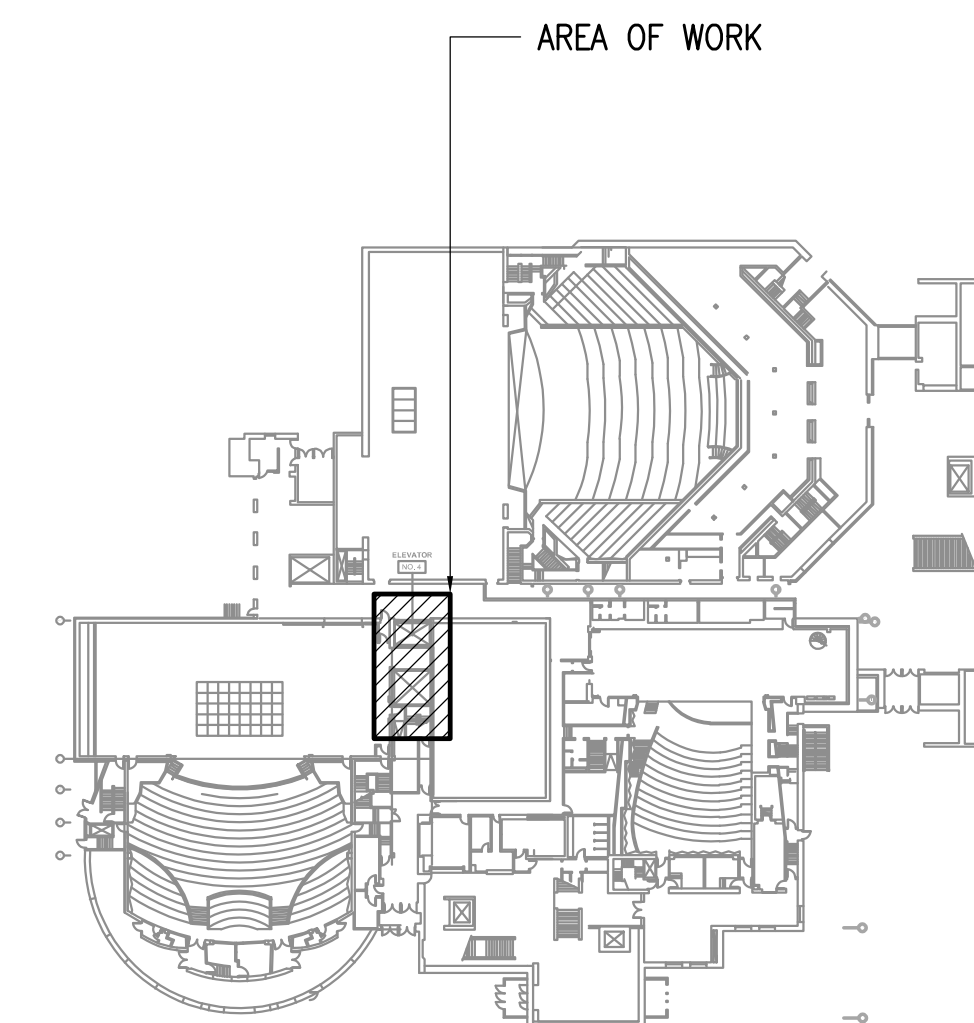
3 ELEVATOR PIT DEMOLITION PLAN
1/2" = 1'-0"

GENERAL NOTES:

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2. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL SALVAGEABLE MATERIALS. THE CONTRACTOR SHALL DELIVER SALVAGED MATERIALS TO A WAREHOUSE AS DIRECTED BY THE OWNER. THE CONTRACTOR SHALL DISPOSE OF, OFF SITE, ALL UNWANTED MATERIALS.
3. DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED. SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.

SHEET NOTES

1. EXISTING SQUARE D 200A 3-PHASE FUSED DISCONNECT TO BE RE-USED FOR NEW ELEVATOR MOTOR CONTROLLER.
2. EXISTING SQUARE 'D' FUSED DISCONNECT FOR ELEVATOR CAB LIGHTS TO BE RE-USED WITH NEW ELEVATOR CAB LIGHTING CONTROLLER.
3. EXISTING RECEPTACLE TO BE DEMOLISHED AND REPLACED WITH NEW GFCI RECEPTACLE. SAVE JUNCTION BOX, CONDUIT AND CONDUCTORS FOR REUSE WITH NEW RECEPTACLE AT THE SAME LOCATION.
4. EXISTING LIGHT FIXTURE TO BE DEMOLISHED AND REPLACED WITH NEW FIXTURE. SAVE CONDUIT, JUNCTION BOXES AND CONDUCTORS FOR RE-USE WITH NEW FIXTURE AT THE SAME LOCATION.
5. EXISTING LIGHT SWITCH TO REMAIN AND BE RE-USED FOR CONTROL OF NEW LIGHT FIXTURES.
6. EXISTING ELEVATOR MOTOR AND CONTROLLER TO BE DEMOLISHED.



KEY PLAN
NOT TO SCALE

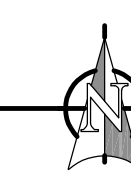


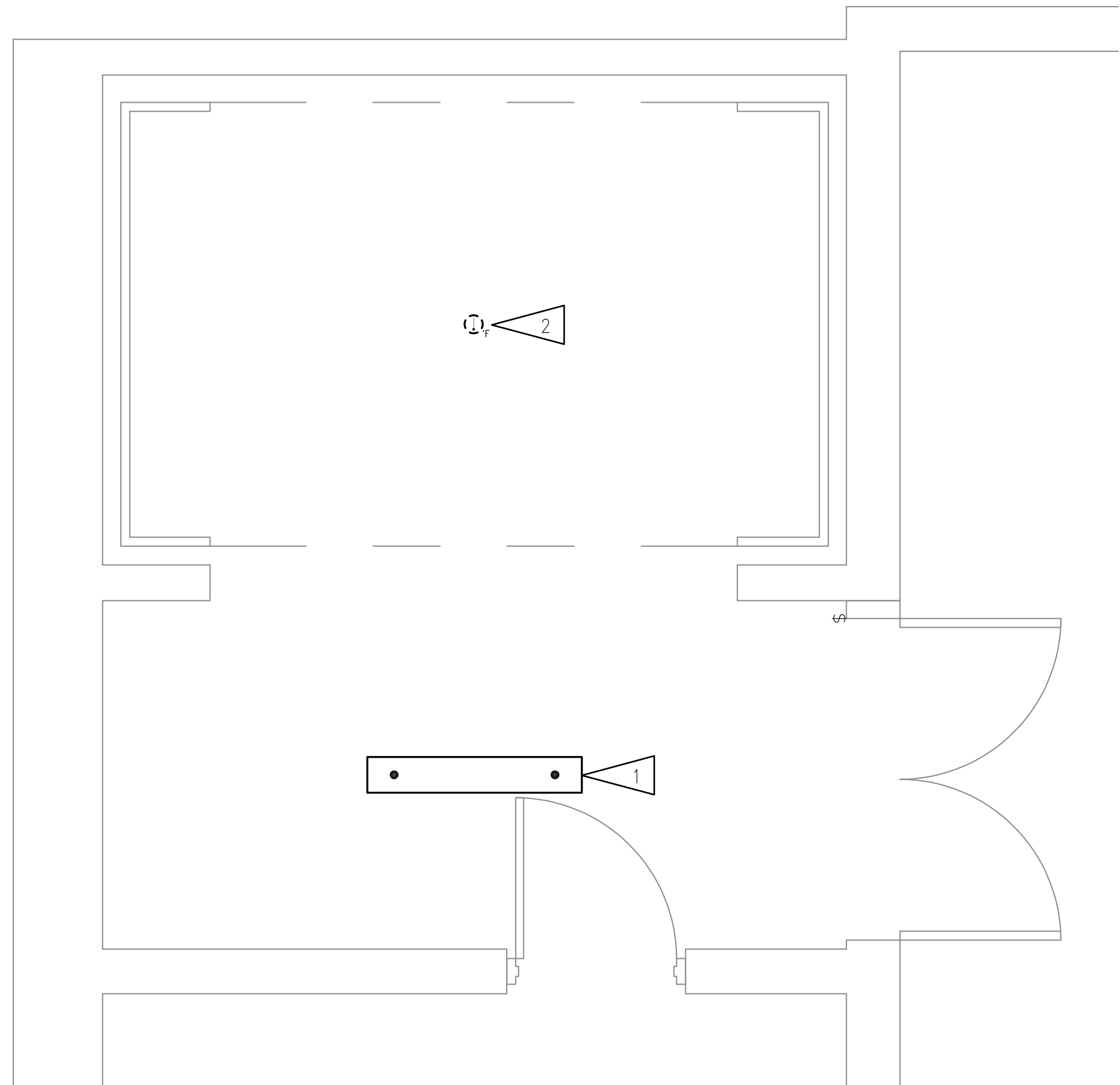
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| | |
|----------------|---------------------------|
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| DRAWN: | KWS,FWS |
| CHECKED: | KWS,CPL |
| PROJECT: | M1264 |
| DRAWING TITLE: | ELEVATOR DEMOLITION PLANS |
| REVISIONS: | |
| SHEET NO.: | E101 |





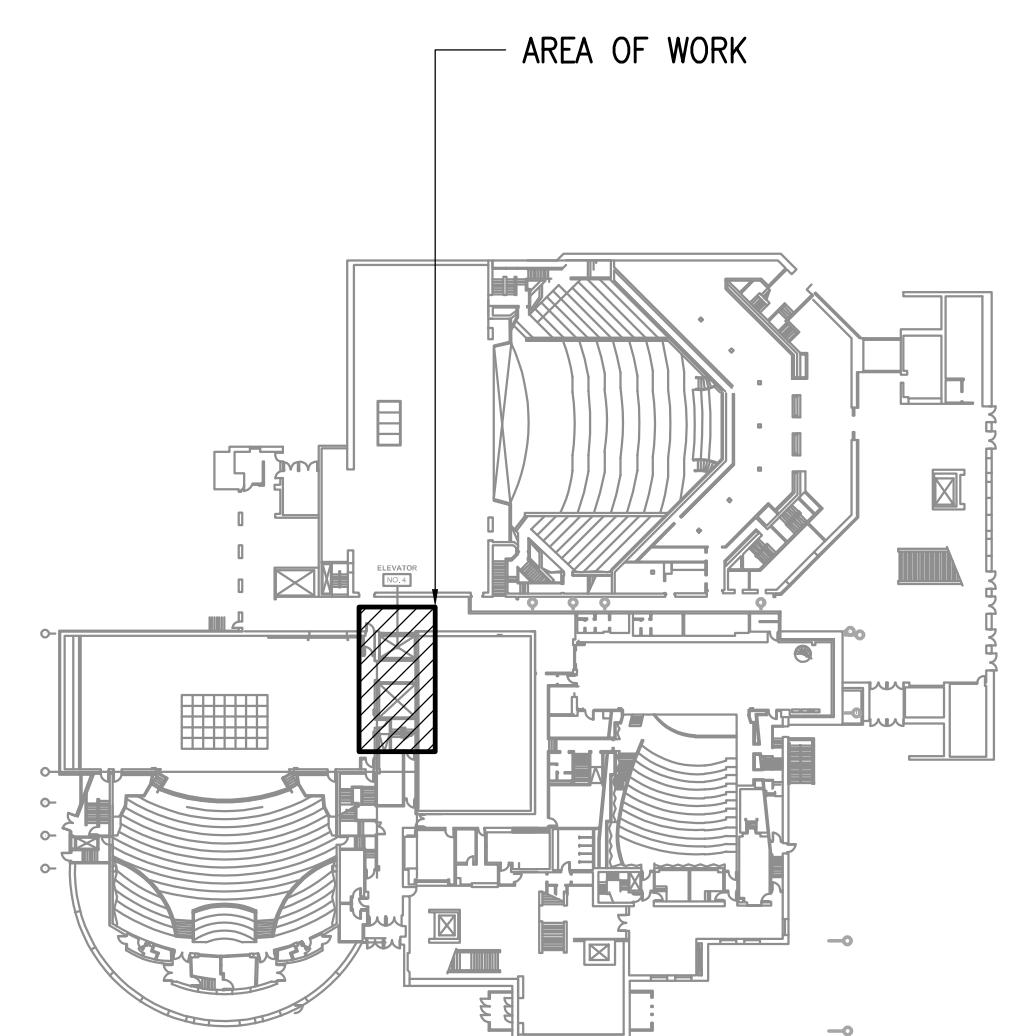
1 ELEVATOR 5TH FLOOR DEMOLITION PLAN
1/2" = 1'-0"

GENERAL NOTES:

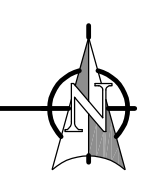
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3. DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED. SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.

SHEET NOTES

1. EXISTING LIGHT FIXTURE TO BE DEMOLISHED AND REPLACED WITH NEW FIXTURE. SAVE CONDUIT, JUNCTION BOXES AND CONDUCTORS FOR RE-USE WITH NEW FIXTURE AT THE SAME LOCATION.
2. HEAT DETECTOR AT TOP OF ELEVATOR SHAFT TO BE DEMOLISHED.



KEY PLAN
NOT TO SCALE



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| DRAWN: | KWS,FWS |
| CHECKED: | KWS,CPL |
| PROJECT: | M1264 |
| DRAWING TITLE: | ELEVATOR DEMOLITION PLANS |
| REVISIONS: | |

SHEET NO:
E102



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 621 W 6TH AVE ANCHORAGE, ALASKA 99501

DATE: 3/9/22
 DRAWN: KWS,FWS
 CHECKED: KWS,CPL
 PROJECT: M1264
 DRAWING TITLE:
 ELEVATOR
 DEMOLITION PLANS
 REVISIONS:
 SHEET NO:

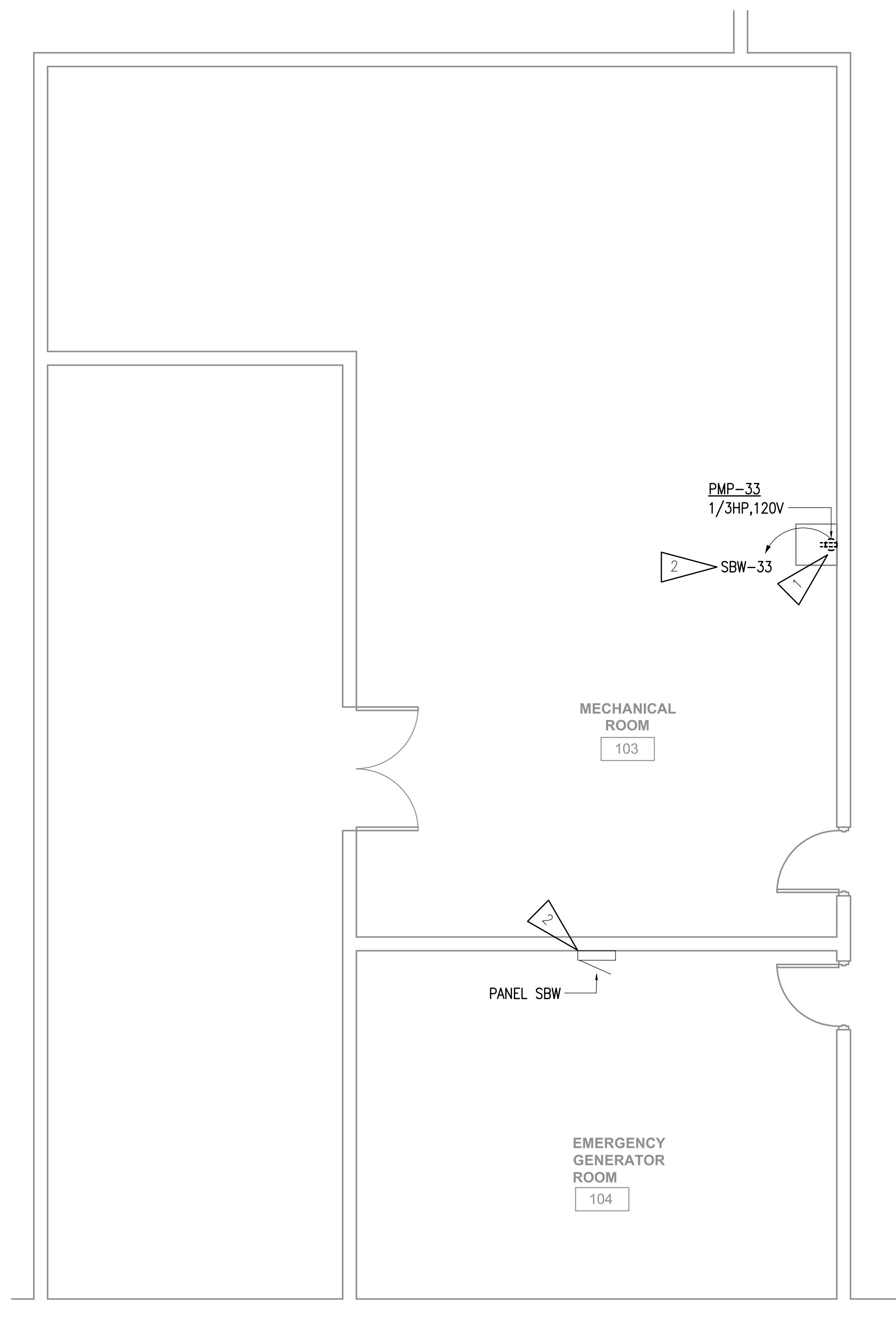
E103

GENERAL NOTES:

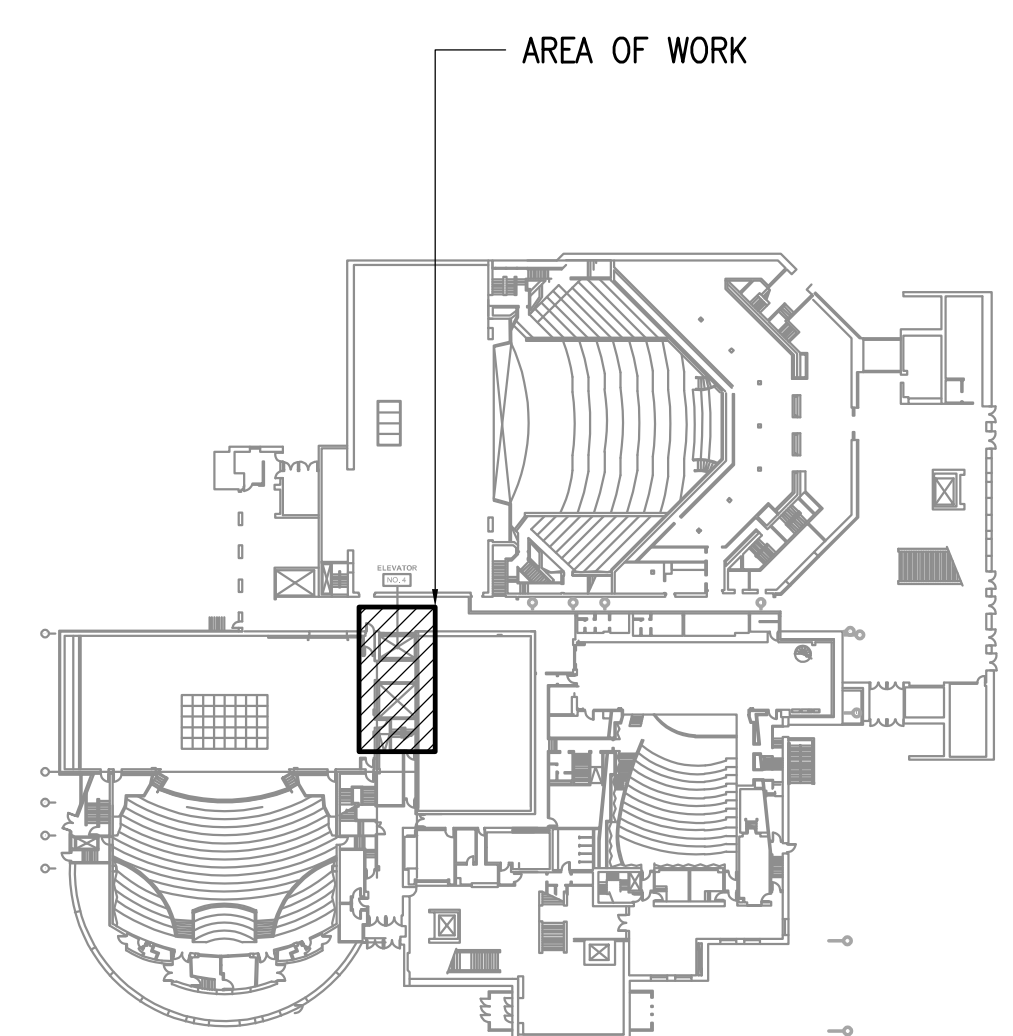
1. THE INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM AS-BUILT DRAWINGS AND A NON-DESTRUCTIVE WALK THROUGH OF THE FACILITY. THERE IS NO WARRANTY OR GUARANTEE AS TO THE ACCURACY OF THE INFORMATION SHOWN HERE-IN. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS SCHEDULED FOR DEMOLITION PRIOR TO START OF WORK.
2. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL SALVAGEABLE MATERIALS. THE CONTRACTOR SHALL DELIVER SALVAGED MATERIALS TO A WAREHOUSE AS DIRECTED BY THE OWNER. THE CONTRACTOR SHALL DISPOSE OF, OFF SITE, ALL UNWANTED MATERIALS.
3. DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED. SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.

SHEET NOTES

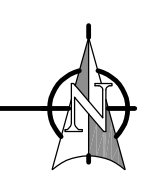
1. DEMOLISH NEMA 5-15 RECEPTACLE. SAVE JUNCTION BOX AND CIRCUIT FOR REUSE WITH NEW 5-20 RECEPTACLE IN SAME LOCATION.
2. 15A/1P CIRCUIT BREAKER TO BE REPLACED WITH NEW 20A/1P. TURN BREAKER OVER TO OWNER.



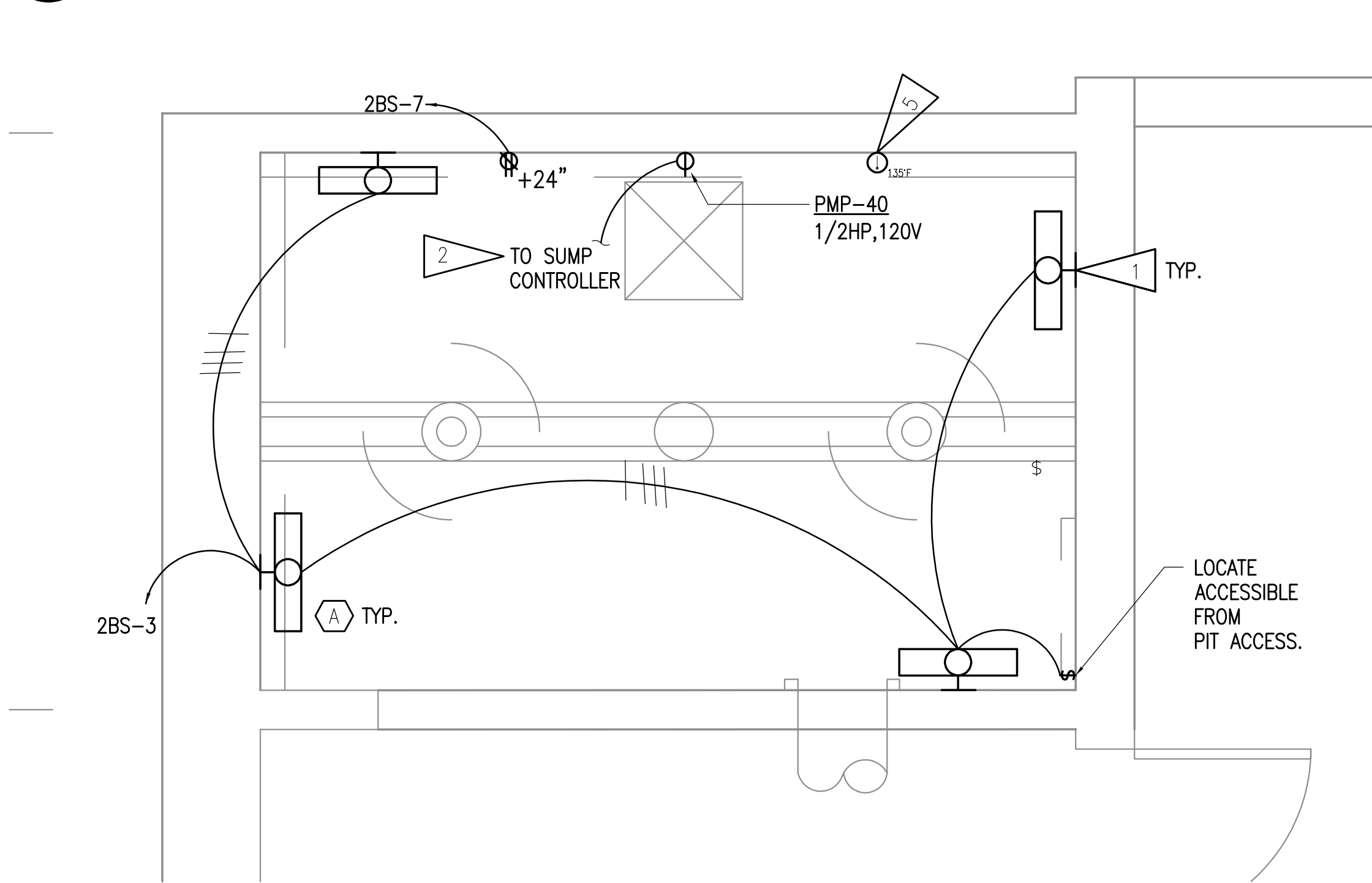
1 MECHANICAL ROOM 103 DEMOLITION PLAN
 1/4" = 1'-0"



KEY PLAN
 NOT TO SCALE



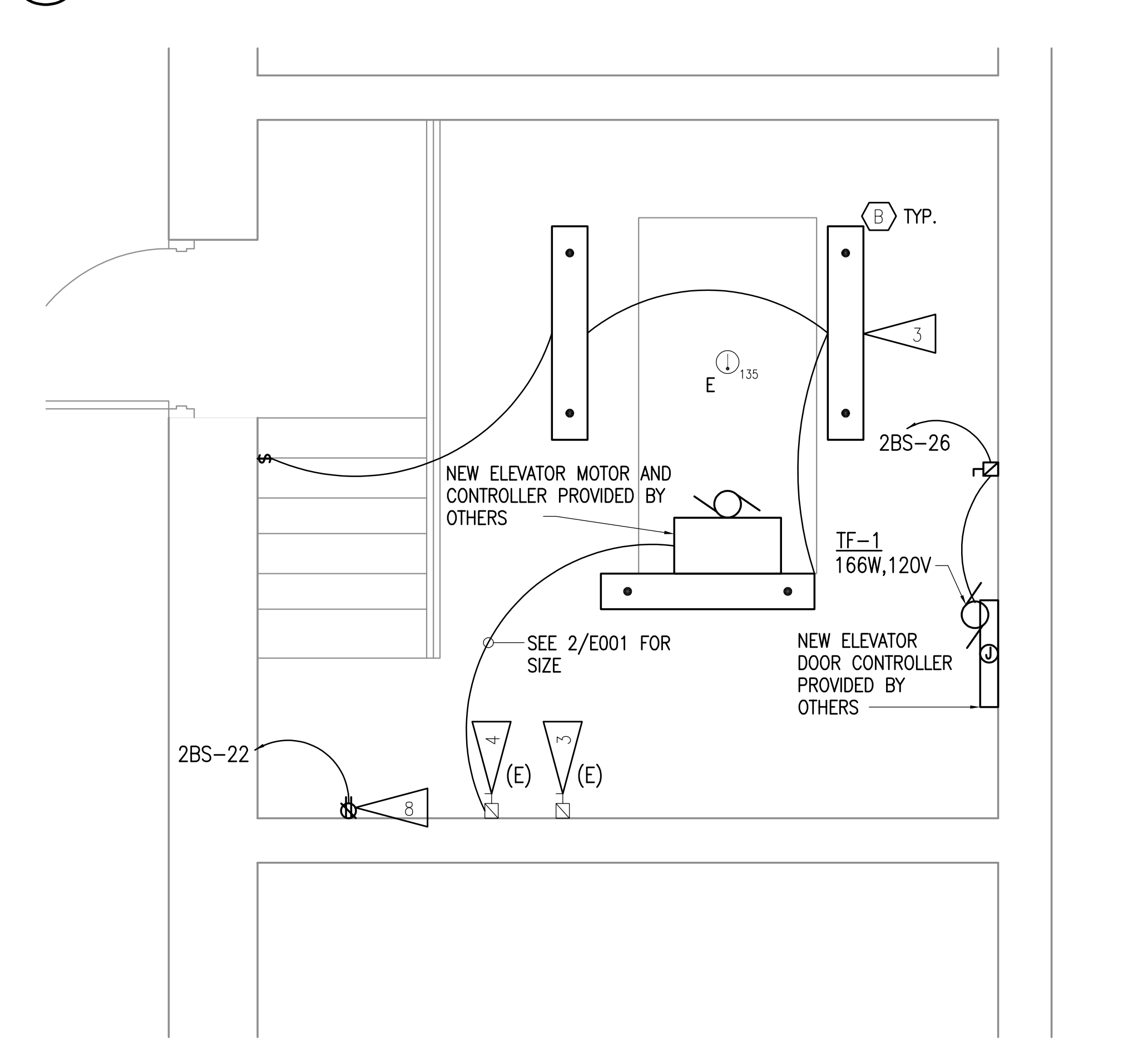
1 ELEVATOR LOW REHERSAL REMODEL PLAN
1/2" = 1'-0"



3 ELEVATOR PIT REMODEL PLAN
1/2" = 1'-0"



2 ELEVATOR BASEMENT REMODEL PLAN - LANDING
1/2" = 1'-0"



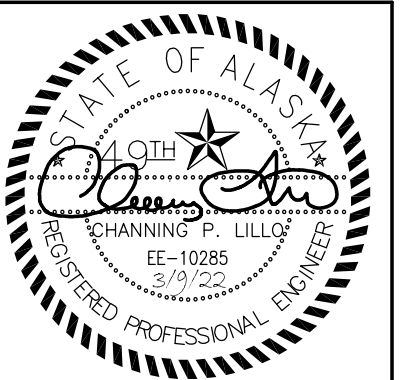
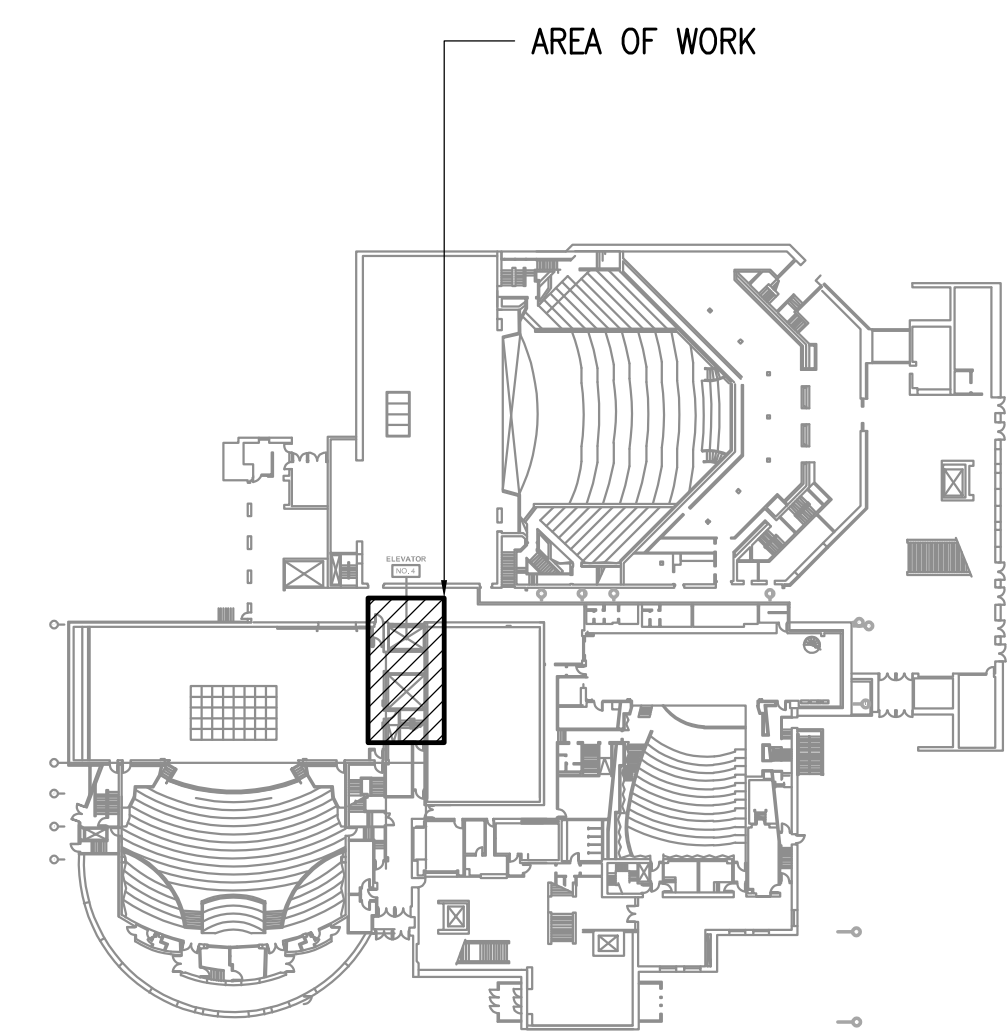
4 ELEVATOR BASEMENT REMODEL PLAN - MACHINE ROOM
1/2" = 1'-0"



SHEET NOTES

1. FIELD LOCATE FIXTURES TO AVOID CONFLICTS WITH ELEVATOR. FIXTURES MAY BE MOUNTED VERTICALLY.
2. SEE 1/E003 FOR SUMP CONTROLLER AND SUMP PUMP INSTALLATION DETAIL.
3. EXISTING DISCONNECT FOR ELEVATOR CAB LIGHTING AND VENTILATION TO BE RE-USED. PROVIDE NECESSARY CONNECTIONS TO ELEVATOR CONTROLLER AS PER MANUFACTURERS' INSTRUCTIONS. CONTRACTOR SHALL REPLACE EXISTING RK 1 CLASS 30A FUSE WITH 15A FUSE RATED FOR AND LISTED FOR USE IN EXISTING DISCONNECT.
4. EXISTING DISCONNECT FOR ELEVATOR MOTOR TO BE RE-USED. PROVIDE NECESSARY CONNECTIONS TO ELEVATOR CONTROLLER AS PER MANUFACTURERS' INSTRUCTIONS. CONTRACTOR SHALL VERIFY EXISTING CLASS RF5 125A FUSES AND REPLACE WITH 100A FUSES RATED FOR AND LISTED FOR USE IN EXISTING DISCONNECT.
5. PROVIDE HEAT DETECTOR PROTECTOWIRE #CTM-530 OR EQUIVALENT AND PROVIDE CONNECTION TO EXISTING FACP. PROVIDE NEMA 1 ENCLOSURE AND INSTALL TEST STATION IN ACCESSIBLE LOCATION OUTSIDE ELEVATOR PIT.
6. CONTRACTOR SHALL INSTALL NEW FIXTURE IN PLACE OF DEMOLISHED FIXTURE AND CONNECT TO EXISTING PANEL "WWB" LOCAL LIGHTING CIRCUIT AND CONTROLS, RE-USING EXISTING CONDUIT AND CONDUCTORS WHILE EXTENDING OR REPLACING AS NECESSARY FOR A COMPLETE ELECTRICAL SYSTEM
7. CONTRACTOR SHALL INSTALL NEW FIXTURE AS SHOWN AND CONNECT TO EXISTING PANEL "WWB" LOCAL LIGHTING CIRCUIT AND CONTROLS.
8. PROVIDE NEW GFCI RECEPTACLE AS SHOWN.

KEY PLAN
NOT TO SCALE

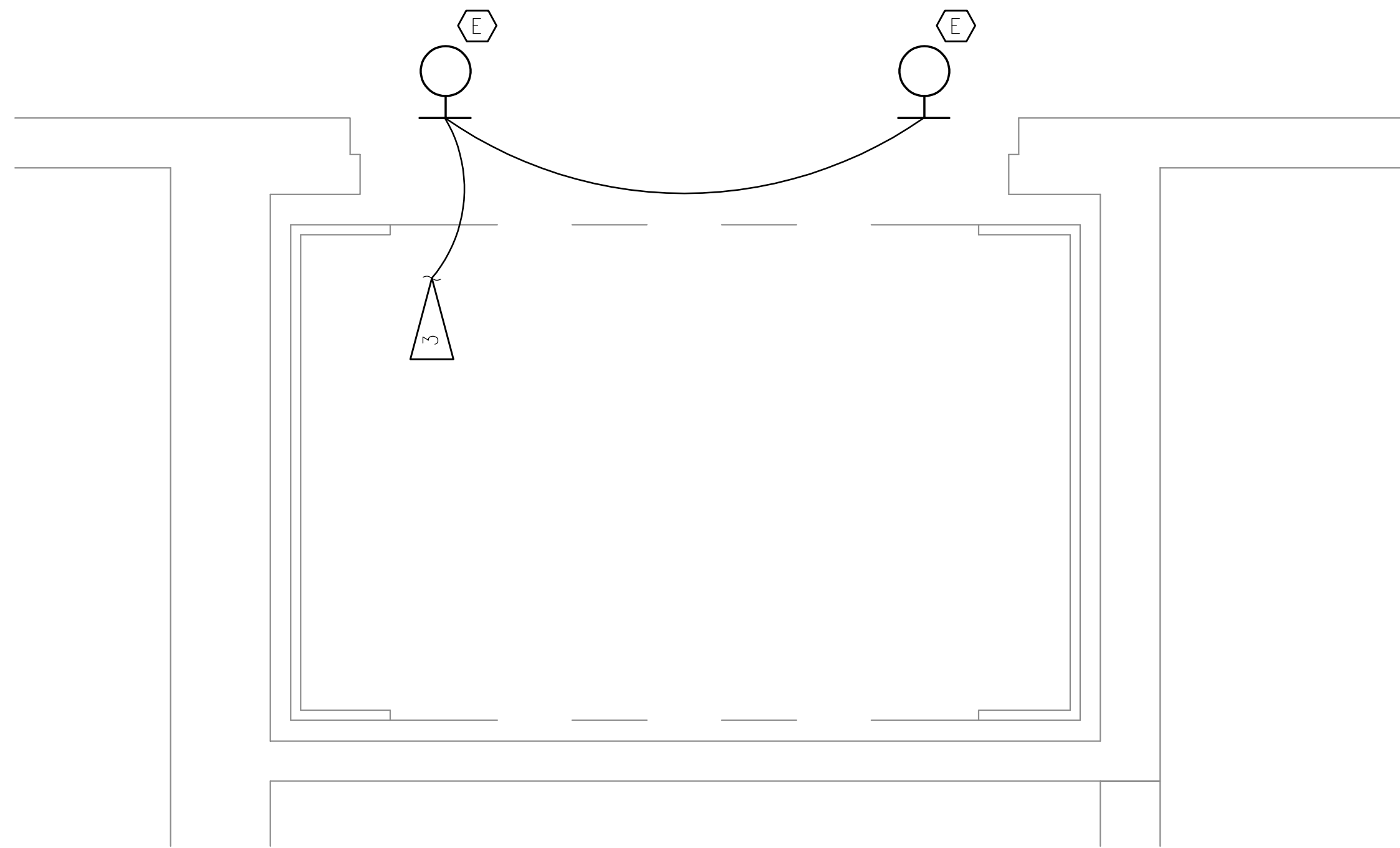


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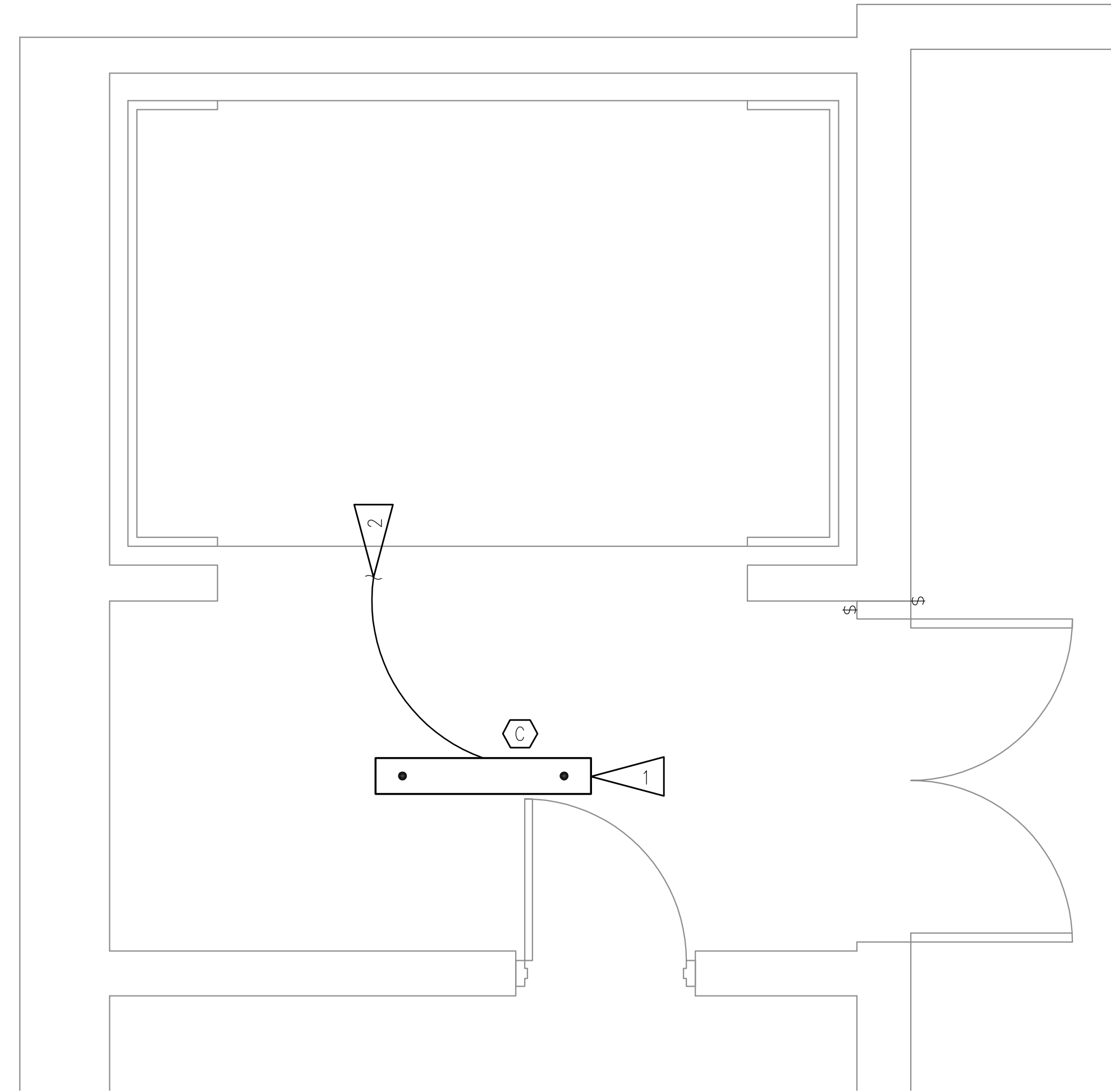
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| DRAWING TITLE: | ELEVATOR REMODEL PLANS |
| REVISIONS: | |
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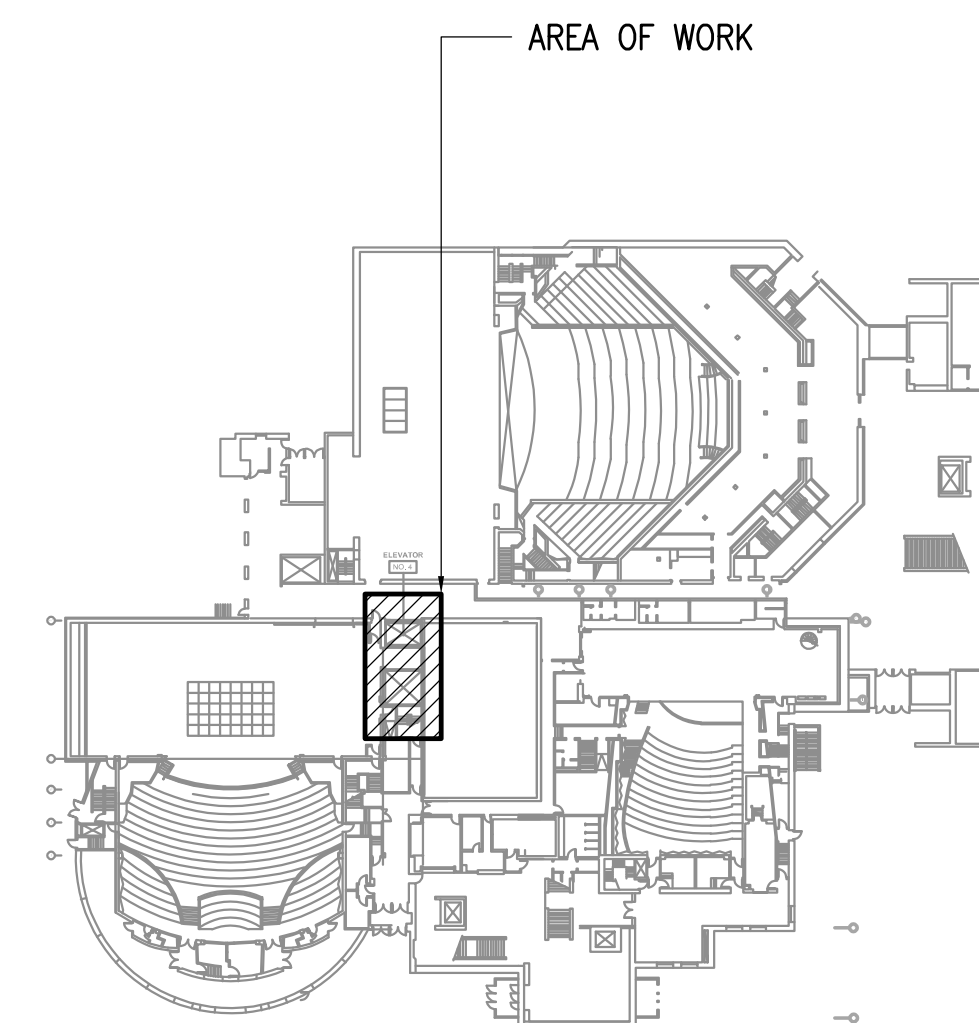
1 ELEVATOR 3RD FLOOR REMODEL PLAN
1/2" = 1'-0"



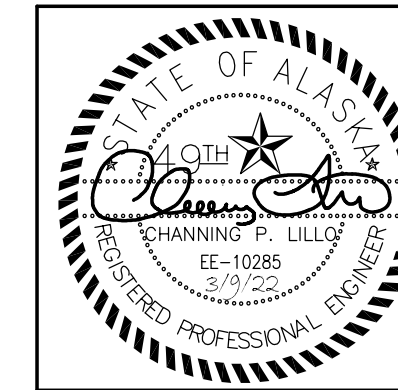
2 ELEVATOR 5TH FLOOR REMODEL PLAN
1/2" = 1'-0"

SHEET NOTES

1. CONTRACTOR SHALL INSTALL NEW FIXTURE IN PLACE OF DEMOLISHED FIXTURE AND CONNECT TO EXISTING LOCAL LIGHTING CIRCUIT AND CONTROLS, RE-USING EXISTING CONDUIT AND CONDUCTORS WHILE EXTENDING OR REPLACING AS NECESSARY FOR A COMPLETE ELECTRICAL SYSTEM.
2. PROVIDE CONDUCTOR AND CONDUIT DOWN TO 3RD FLOOR (MEZZANINE) FOR NEW LIGHT FIXTURES.
3. CONTRACTOR SHALL INSTALL NEW FIXTURES AS SHOWN AND CONNECT TO EXISTING LOCAL LIGHTING CIRCUIT ON PANEL "LFR". PATCH/REPAIR DRY WALL AND MATCH PAINT AS REQUIRED FOR CONCEALED CONDUIT AND BOXES.



KEY PLAN
NOT TO SCALE



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| DATE: | 3/9/22 |
| DRAWN: | KWS,FWS |
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| PROJECT: | M1264 |
| DRAWING TITLE: | ELEVATOR REMODEL PLANS |
| REVISIONS: | |
| SHEET NO.: | E202 |

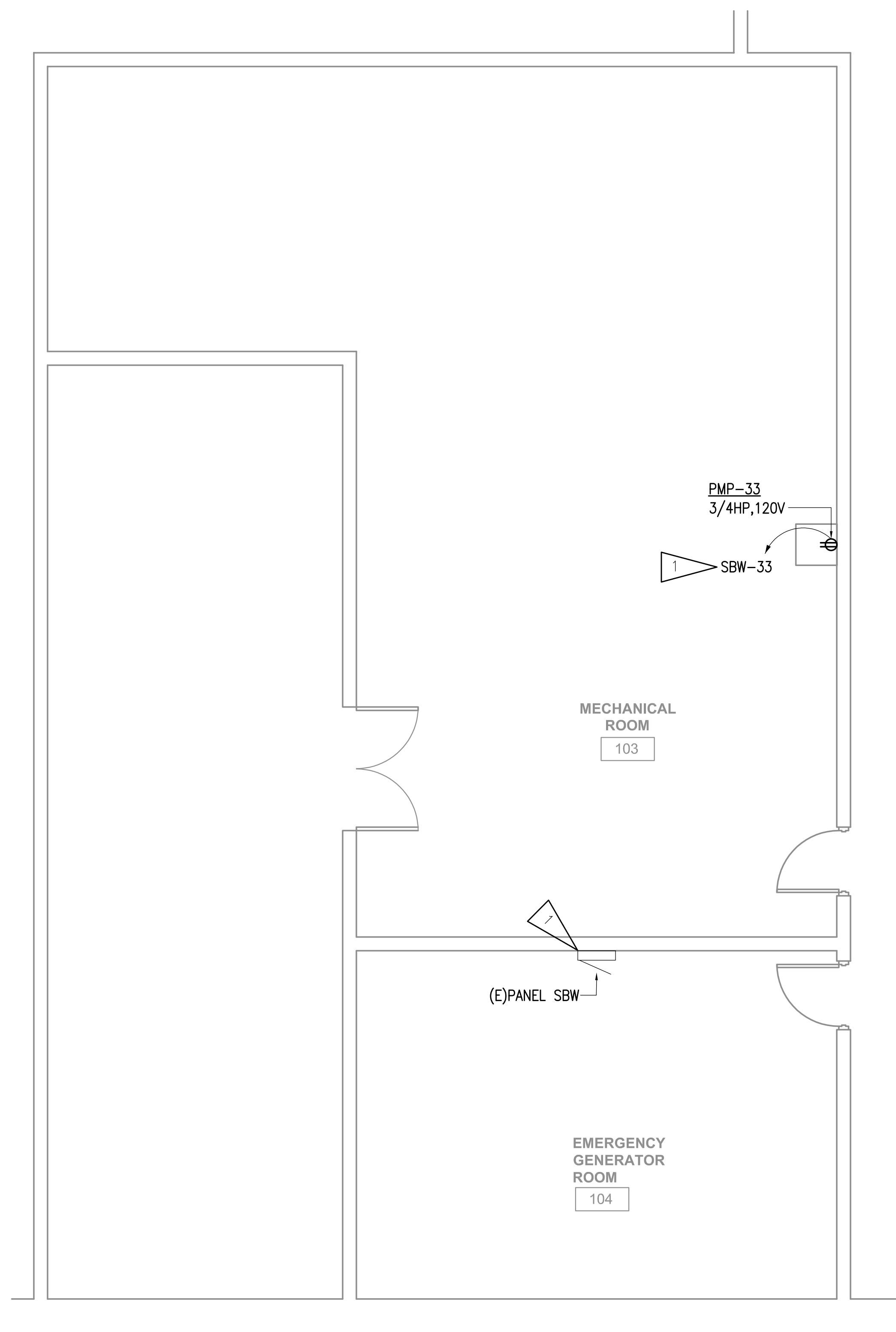


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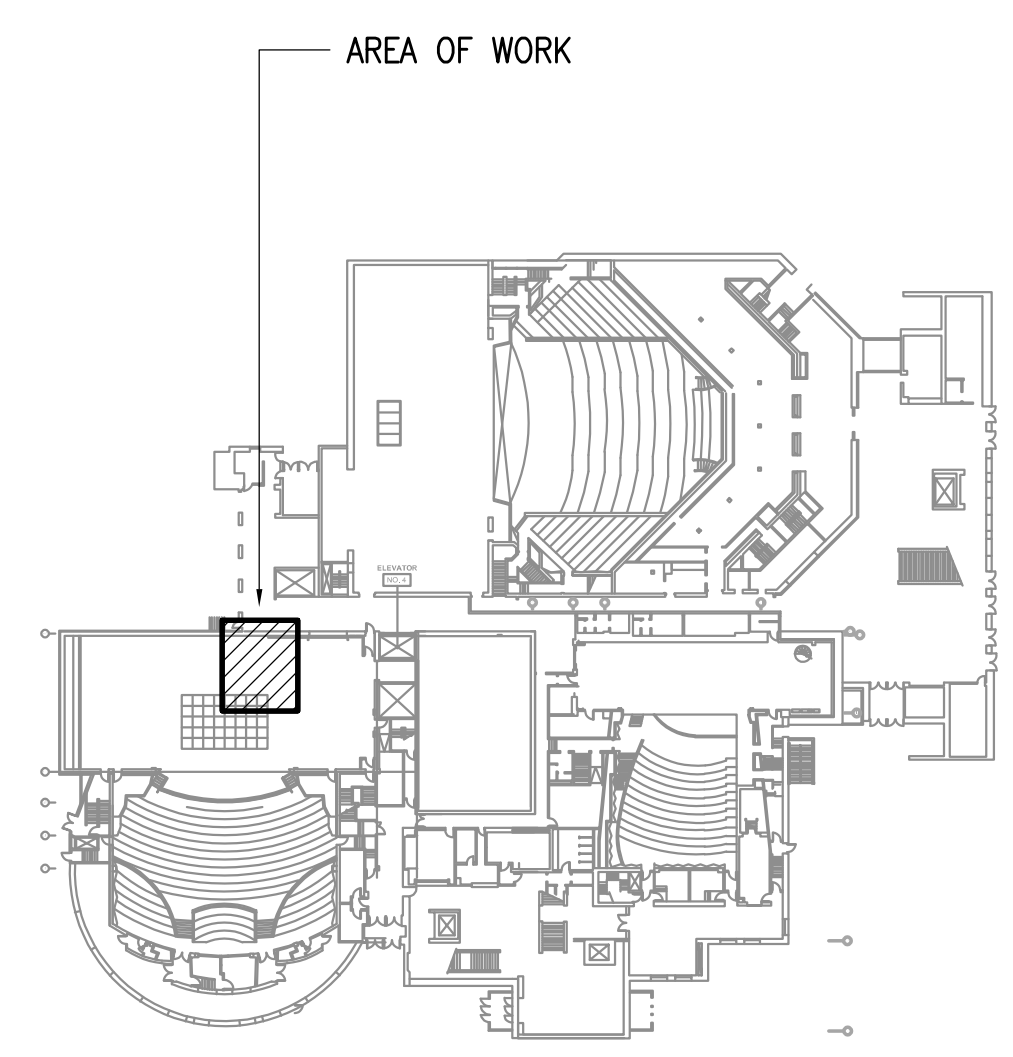
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|----------------|---------------------------|
| DATE: | 3/9/22 |
| DRAWN: | KWS,FWS |
| CHECKED: | KWS,CPL |
| PROJECT: | M1264 |
| DRAWING TITLE: | ELEVATOR REMODEL PLANS |
| REVISIONS: | |
| SHEET NO.: | E203 |



1 MECHANICAL ROOM 103 DEMOLITION PLAN
 1/4" = 1'-0"

SHEET NOTES

1. INSTALL NEW 20A/1P CIRCUIT BREAKER IN SPACE SHOWN. THE EXISTING PANEL IS A SQUARE-D TYPE NQOD, 208Y/120V, 3Ø, 4W. THE NEW CIRCUIT BREAKER SHALL BE COMPATIBLE WITH AND LISTED FOR USE IN THE EXISTING PANEL BOARD AND SHALL HAVE A MINIMUM SHORT CIRCUIT AIC RATING TO MATCH THE LOWEST RATED EXISTING DEVICE IN THE PANEL.



KEY PLAN
 NOT TO SCALE

