

PROJECT LOCATION MAP



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APPLICABLE CODE INFORMATION

THE PROJECT SHALL COMPLY WITH THE FOLLOWING CODES

2024 INTERNATIONAL BUILDING CODE AS ADOPTED BY IOWA ADMINISTRATIVE RULE CHAPTERS 481-280 AND 481-301

2010 AMERICANS WITH DISABILITIES ACT AS ADOPTED BY IOWA ADMINISTRATIVE RULE CHAPTER 481-301

STATE MECHANICAL CODE AS ADOPTED BY THE DEPARTMENT OF PUBLIC HEALTH IOWA ADMINISTRATIVE RULE CHAPTER 481-426

STATE PLUMBING CODE AS ADOPTED BY THE DEPARTMENT OF PUBLIC HEALTH IOWA ADMINISTRATIVE RULE CHAPTER 481-425

2024 INTERNATIONAL FIRE CODE AS ADOPTED BY IOWA ADMINISTRATIVE RULE CHAPTERS 481-280

STATE ELECTRICAL CODE AS ADOPTED BY THE STATE ELECTRICAL LICENSING BOARD IOWA ADMINISTRATIVE RULE CHAPTER 481-404

2024 INTERNATIONAL EXISTING BUILDING CODE AS ADOPTED BY IOWA ADMINISTRATIVE RULE CHAPTERS 481-301

2026 IOWA STATE ELEVATOR CODE

**IBC Chapter 2 - Use and Occupancy Classification**  
 Primary Occupancy:  
 The use and occupancy classification of the existing building are unchanged.

**IBC Chapter 5 - General Building Heights and Areas**  
 Existing building use and size to remain unchanged.

**IBC Chapter 6 - Types of Construction**  
 The type of construction for the existing building is unchanged.

**IBC Chapter 7 - Fire and Smoke Protection Features**  
 New construction is limited and existing construction is not being modified.  
 For construction purposes, shaft is considered to be 2 HR construction.

**IBC Chapter 8 - Interior Finishes**  
 New construction is limited and matches existing interior finishes.

**IBC Chapter 10 - Means of Egress**  
 All means of egress are being maintained in the existing building.

**IBC Chapter 30 - Elevators and Conveying Systems**  
 Fire resistance rated construction is provided at the elevator machine room.  
 Smoke protection at hoistway openings is not required per IBC 3006.2.

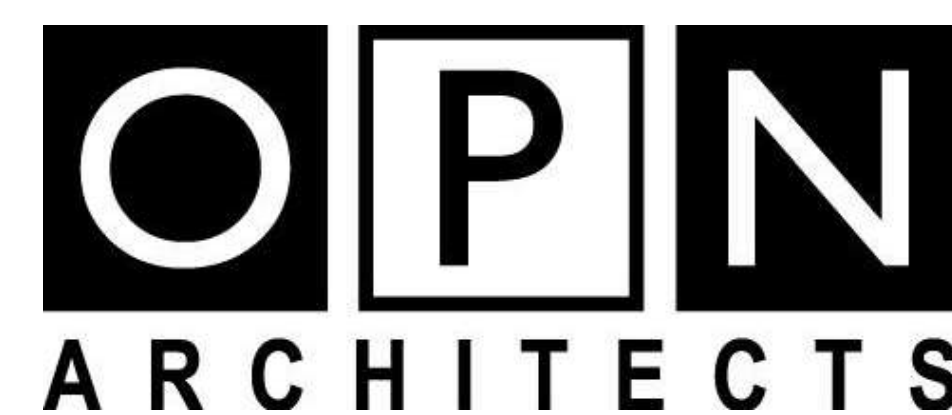
**IBC Chapter 34 Existing Structures:**  
 The updates to the existing building conform to the requirements of the code for new construction and are to be made with the same materials of which the original building is constructed. The existing building is in compliance with the mandatory fire safety requirements, the mandatory means of egress requirements, and the general safety requirements of this chapter.

**Iowa Administrative Code, Chapter 16, Division VII - Accessibility Requirements For Facilities Used by the General Public:**  
 Accessibility within the building will be maintained.  
 Elevator pit sump pump currently exists, and will be maintained.

**NFPA-13 Chapter 8 - Section 8.15.5**  
 Building is fully sprinklered. In accordance with NFPA 13-2013, sprinkler coverage will not be provided in the new elevator machine room nor at the bottom of the elevator pit (traction elevators). A sprinkler is not required at the top of the hoistway due to compliance with 8.15.5.6.

# STATE OF IOWA - 9440.01 - STATE HISTORICAL BUILDING ELEVATOR REPLACEMENTS

600 E LOCUST STREET, DES MOINES, IA 50319



100 Court Ave, Suite 100, Des Moines, IA 50309  
 P: 515-309-0722 F: 515-309-0725 www.opnarchitects.com

ARCHITECT

OPN ARCHITECTS  
 100 COURT AVENUE  
 DES MOINES, IA 50309

CONSTRUCTION MANAGER

DCI GROUP  
 220 SE 6th STREET, SUITE 200  
 DES MOINES, IA 50309

MECHANICAL ENGINEER

KCL ENGINEERING  
 300 4th STREET  
 WEST DES MOINES, IA 50317

ELECTRICAL ENGINEER

KCL ENGINEERING  
 300 4th STREET  
 WEST DES MOINES, IA 50317

ELEVATOR CONSULTANT

LERCH BATES  
 7625 GOLDEN TRIANGLE DRIVE, SUITE T  
 EDEN PRAIRIE, MN 55344



**CONTRACTOR TO UTILIZE STREET PARKING OR THE CAPITOL COMPLEX GARAGE LOCATED HERE. CONTRACTOR TO BE RESPONSIBLE FOR ALL ASSOCIATED PARKING COSTS.**

**LOADING DOCK ENTRY**

**DUMPSTER LOCATION AT STREET CURB - CONTRACTOR TO COORDINATE WITH CITY OF DES MOINES FOR PERMITTING.**

**PROJECT ELEVATORS**

**FACILITY MAIN ENTRY**

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- GENERAL NOTES**
1. DIMENSIONS ARE MEASURED FACE-OF-FINISH TO FACE-OF-FINISH OR ROUGH MASONRY OPENING UNLESS NOTED OTHERWISE - TYPICAL FOR ALL DRAWINGS.
  2. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS - TYPICAL FOR ALL DRAWINGS.
  3. IN THE EVENT OF A DISCREPANCY BETWEEN ARCHITECTURAL AND CONSULTANT DRAWINGS, NOTIFY ARCHITECT IMMEDIATELY PRIOR TO COMMENCING WORK - TYPICAL FOR ALL DRAWINGS.
  4. ALL PENETRATIONS IN FIRE RATED FLOORS AND WALLS MUST BE SEALED WITH APPROPRIATE FIRESTOPPING SYSTEM.
  5. PATCH AND REPAIR EXISTING FLOOR SLABS AND WALL SURFACES DAMAGED FROM DEMOLITION.

Owner  
**STATE OF IOWA - 9440.01**  
109 SE 13TH STREET  
DES MOINES, IA 50319

Project  
**STATE HISTORICAL BUILDING ELEVATOR REPLACEMENTS**  
600 E LOCUST STREET  
DES MOINES, IA 50319

CONSTRUCTION MANAGER  
**DCI GROUP**  
220 SE 6TH STREET, SUITE 200  
DES MOINES, IA 50309

ELEVATOR CONSULTANT  
**LERCH BATES**  
7625 GOLDEN TRIANGLE DRIVE,  
SUITE T  
EDEN PRAIRIE, MN 55344

Mechanical Engineer  
**KCL ENGINEERING**  
300 4TH STREET  
WEST DES MOINES, IA 50317

Electrical Engineer  
**KCL ENGINEERING**  
300 4TH STREET  
WEST DES MOINES, IA 50317

Key Plan

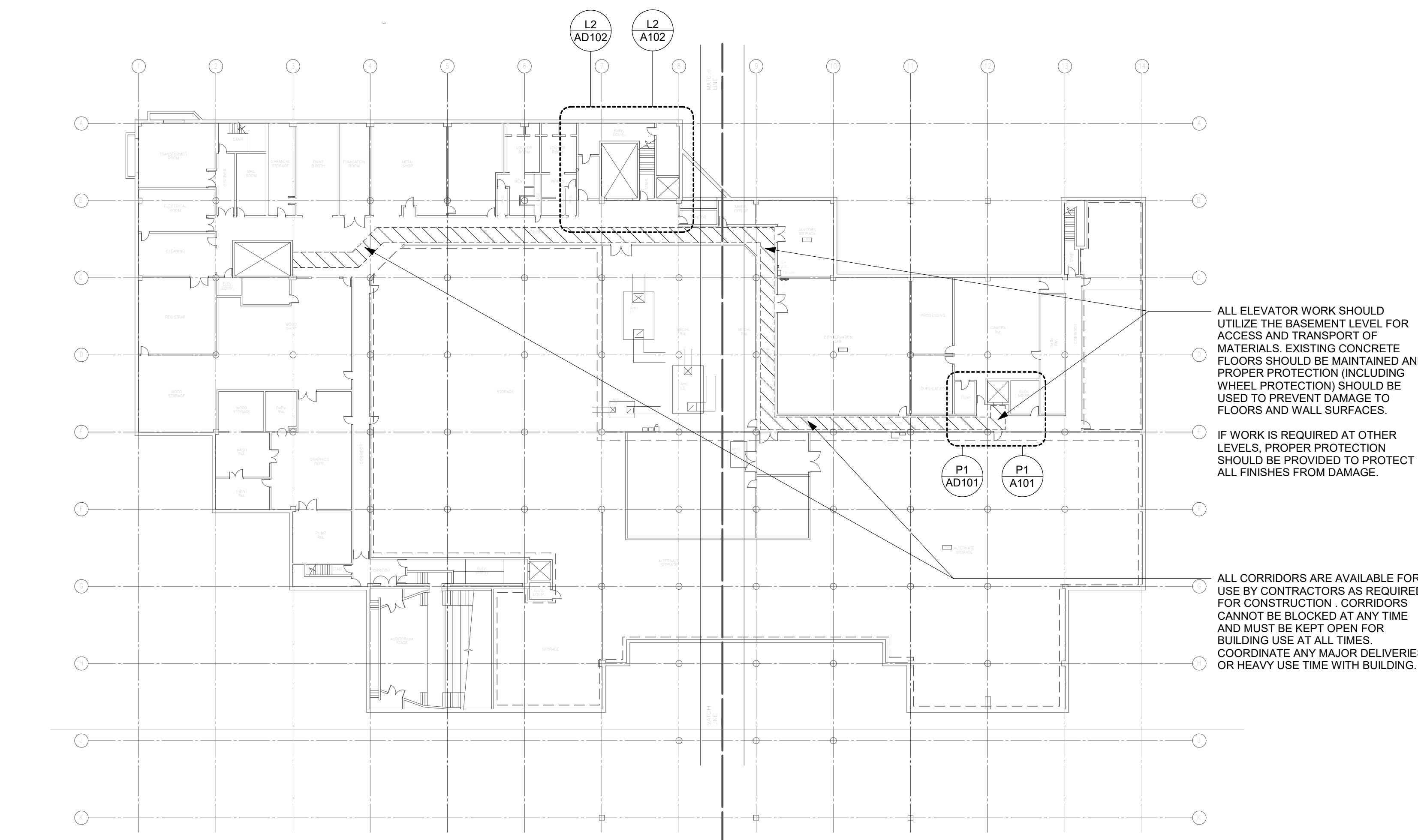
Revision	Description	Date

OPN Project No.  
**25832000**

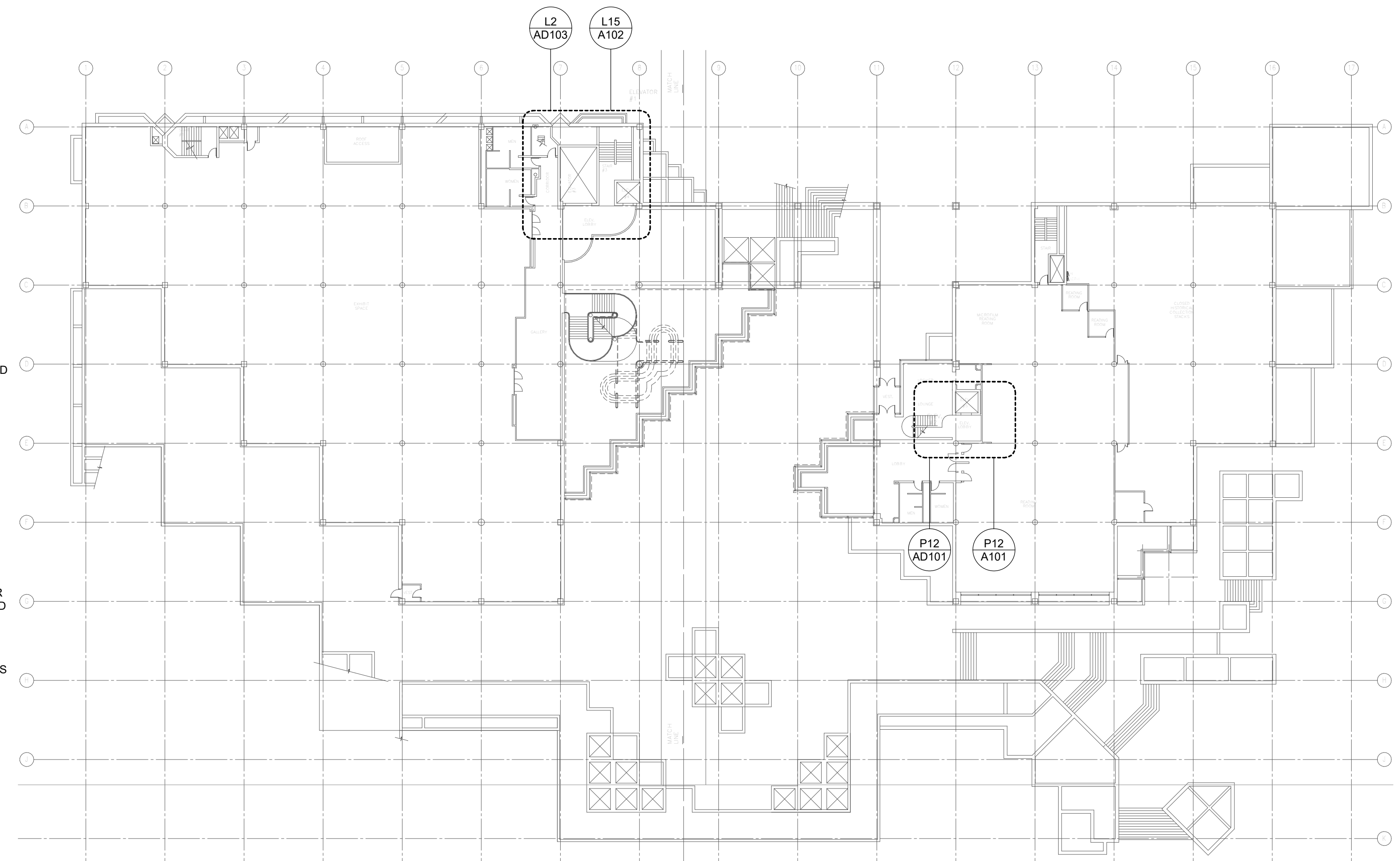
Sheet Issue Date  
**BID ISSUE SET** 06/10/26

Sheet Name  
**OVERALL PLANS**

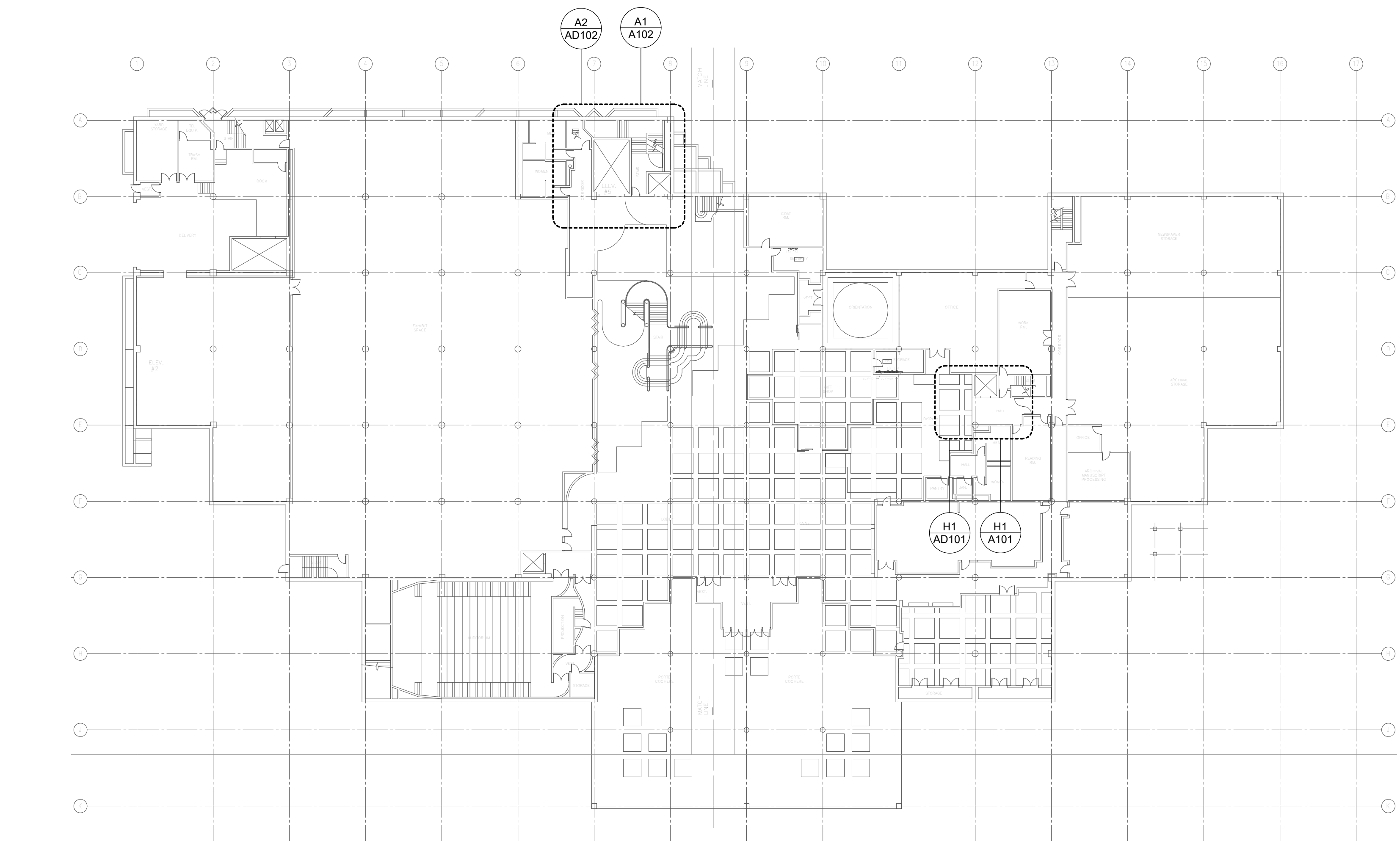
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**AG100**



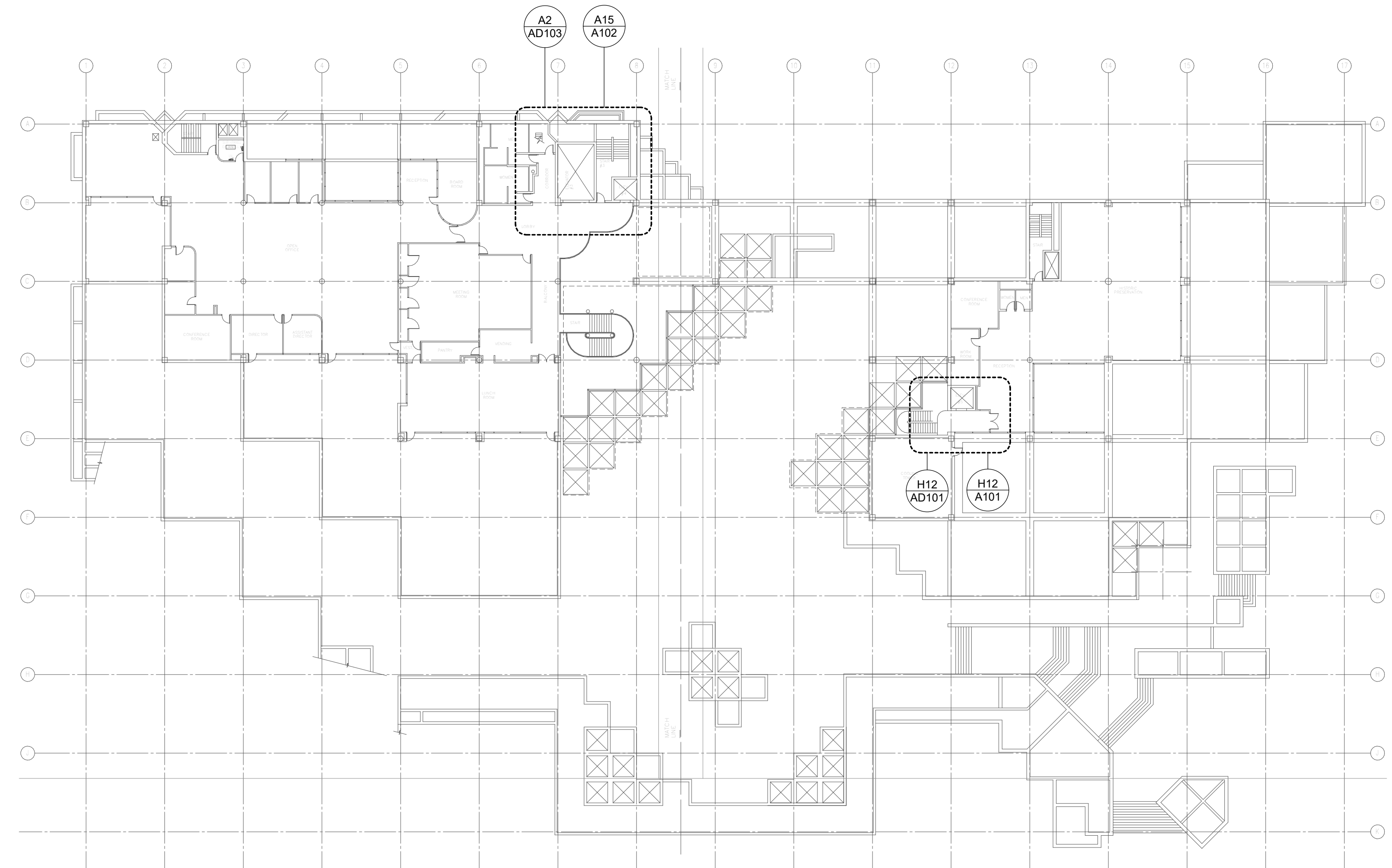
**M1** OVERALL PLAN - BASEMENT  
1/32" = 1'-0"



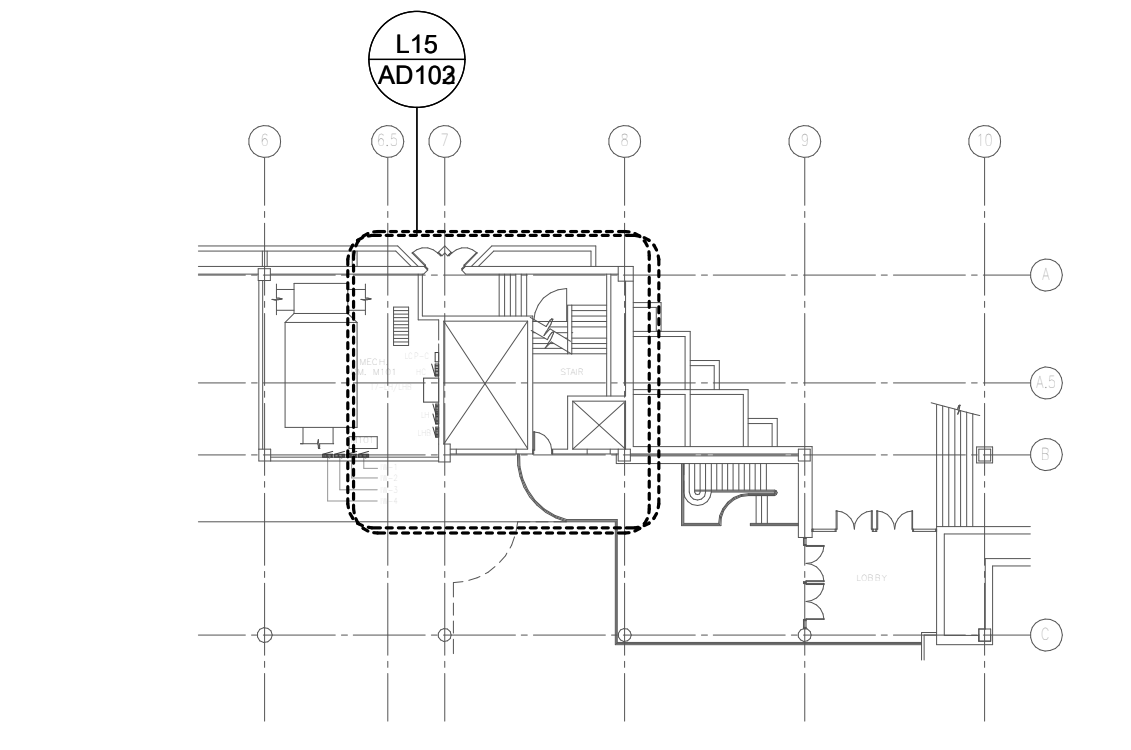
**M12** OVERALL PLAN - SECOND FLOOR  
1/32" = 1'-0"



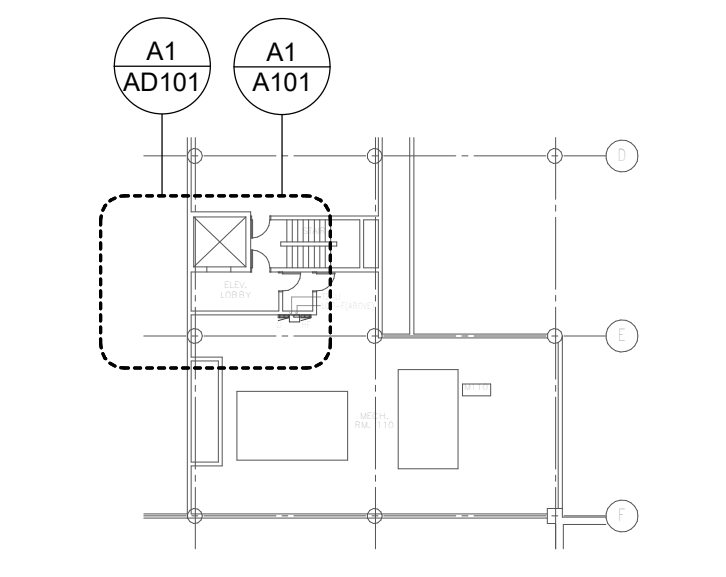
**D1** OVERALL PLAN - FIRST FLOOR  
1/32" = 1'-0"



**D12** OVERALL PLAN - THIRD FLOOR  
1/32" = 1'-0"

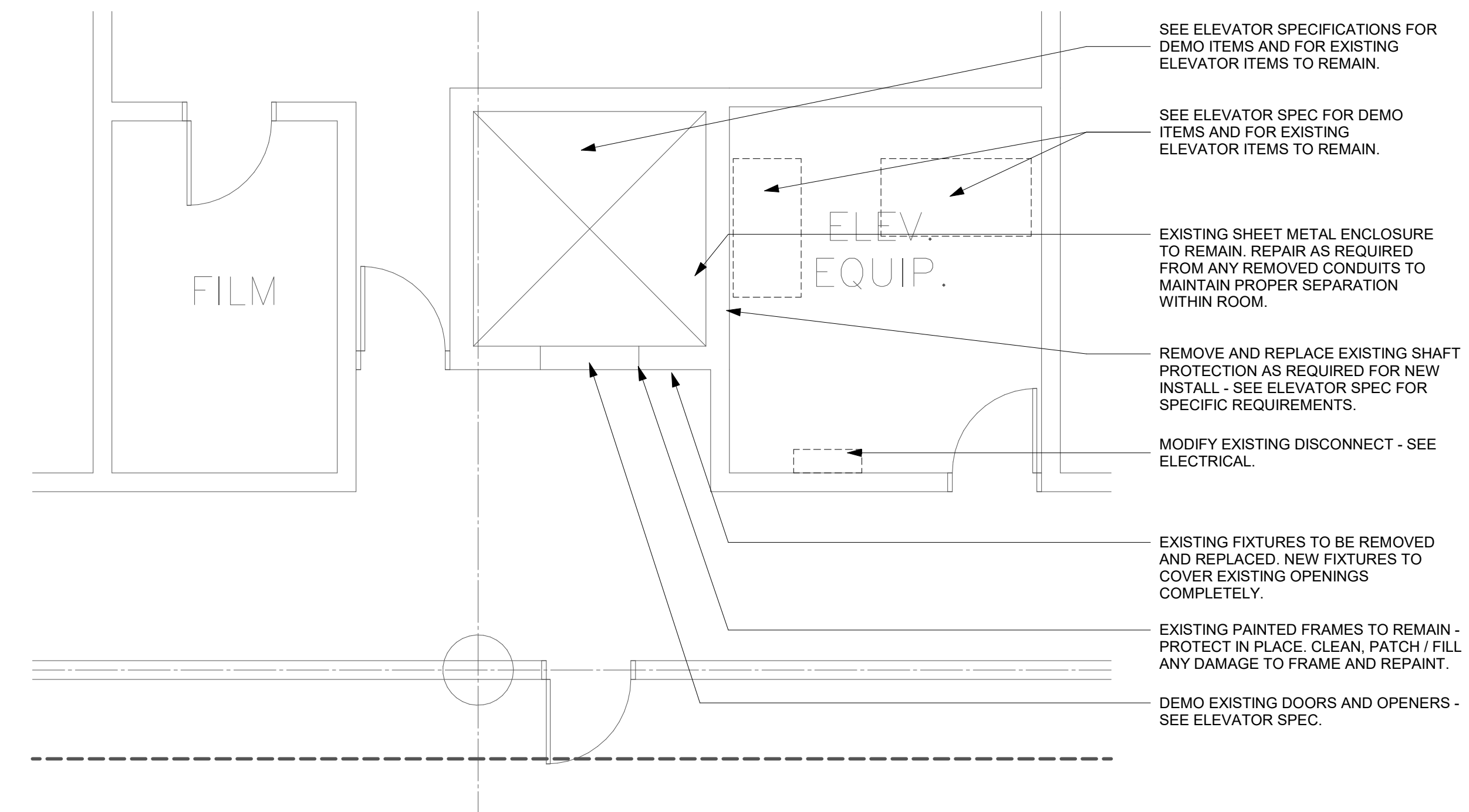


**A1** OVERALL PLAN - MEZZANINE - WEST  
1/32" = 1'-0"

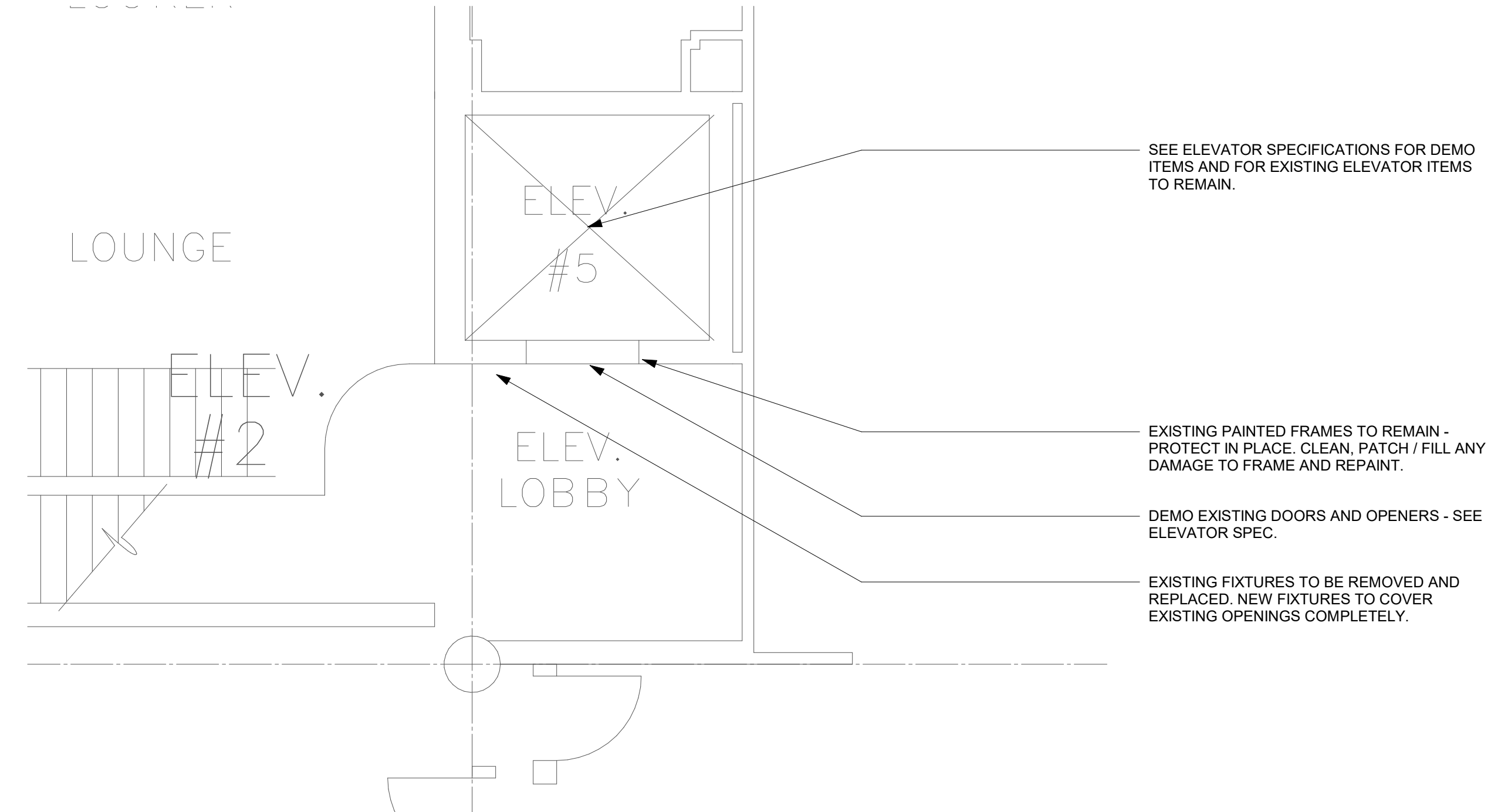


**A6** OVERALL PLAN - MEZZANINE - EAST  
1/32" = 1'-0"

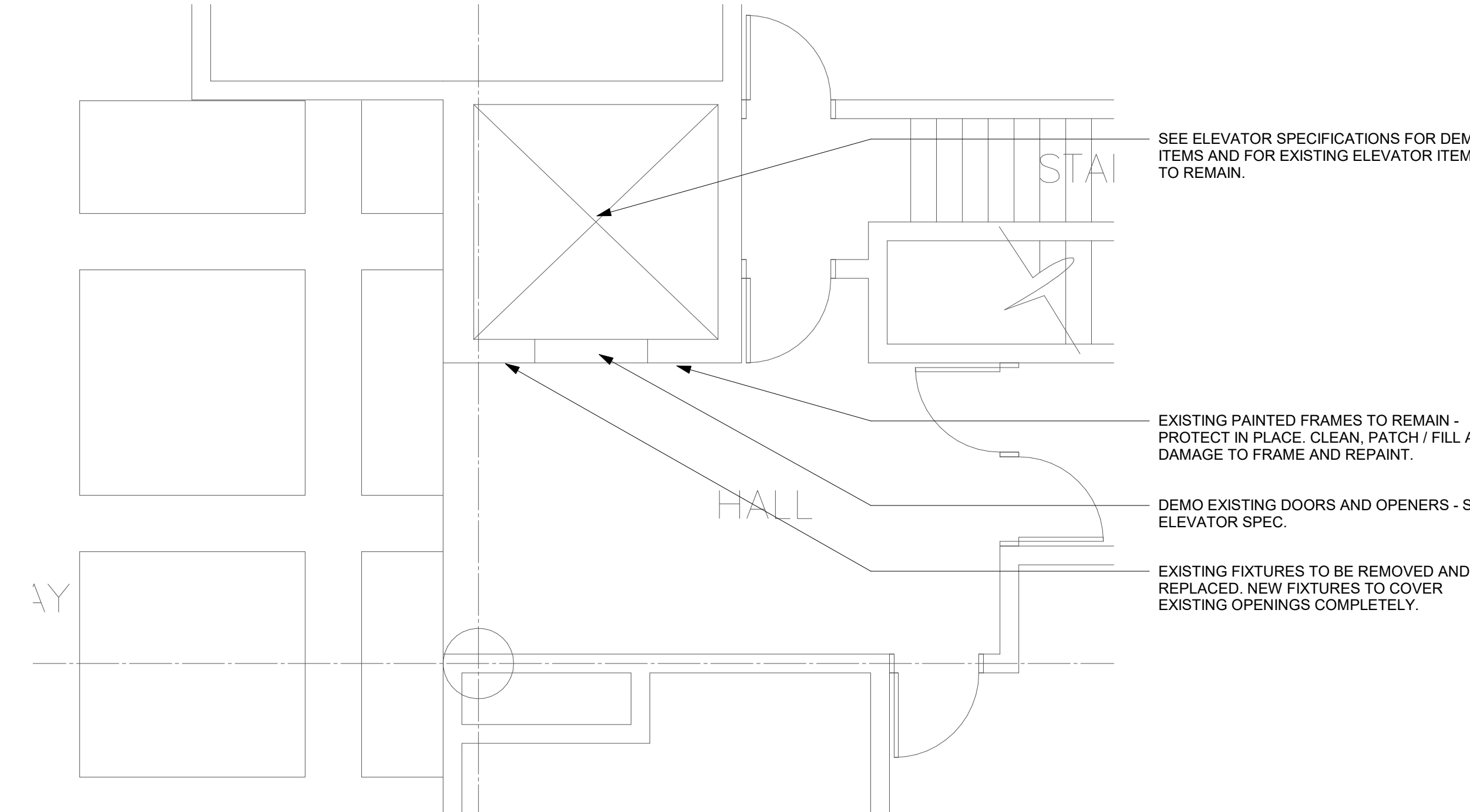
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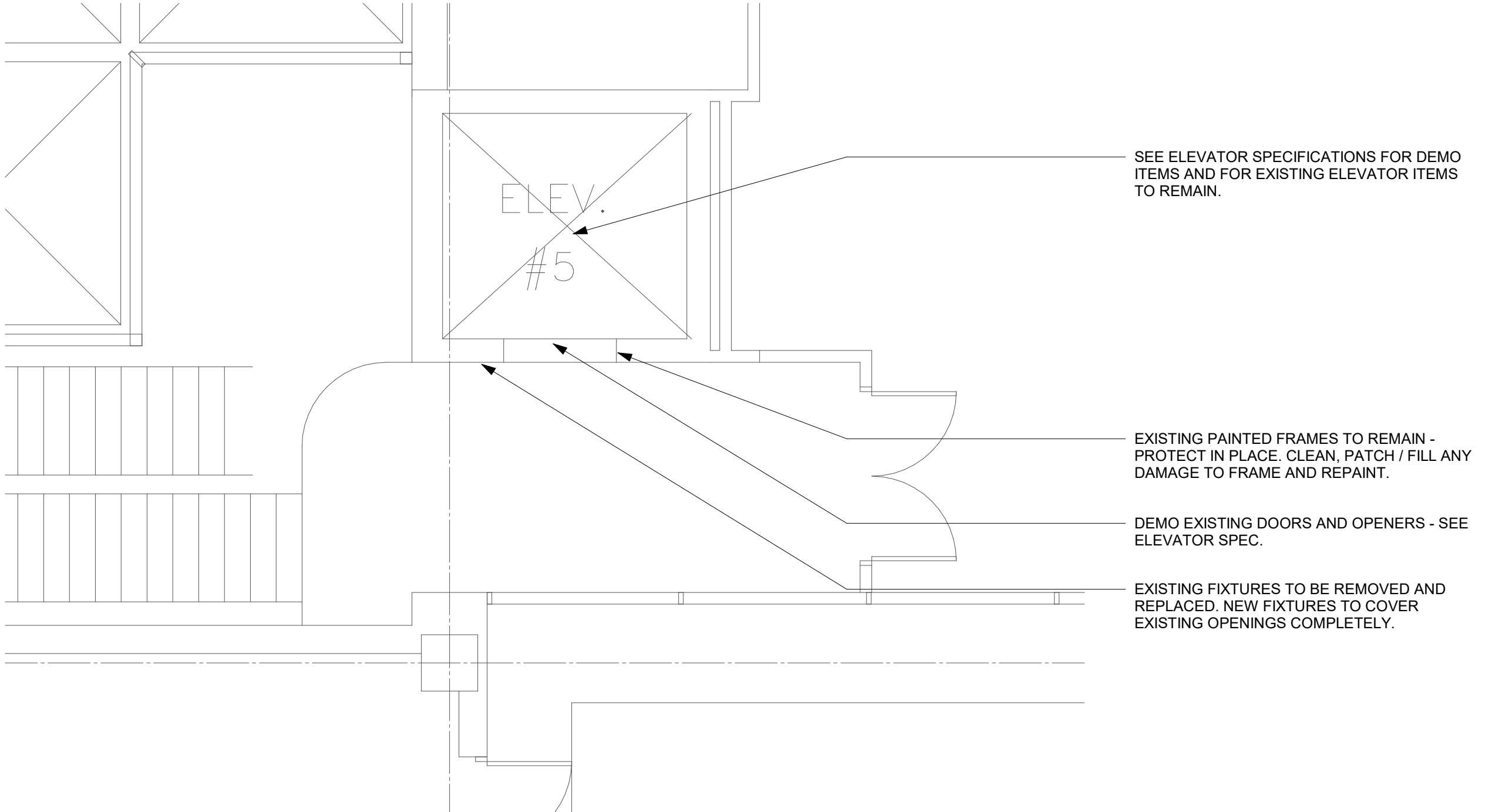
**P1** DEMO ENLARGED PLAN - BASEMENT - ELEVATOR 3 (6514)  
1/4" = 1'-0"



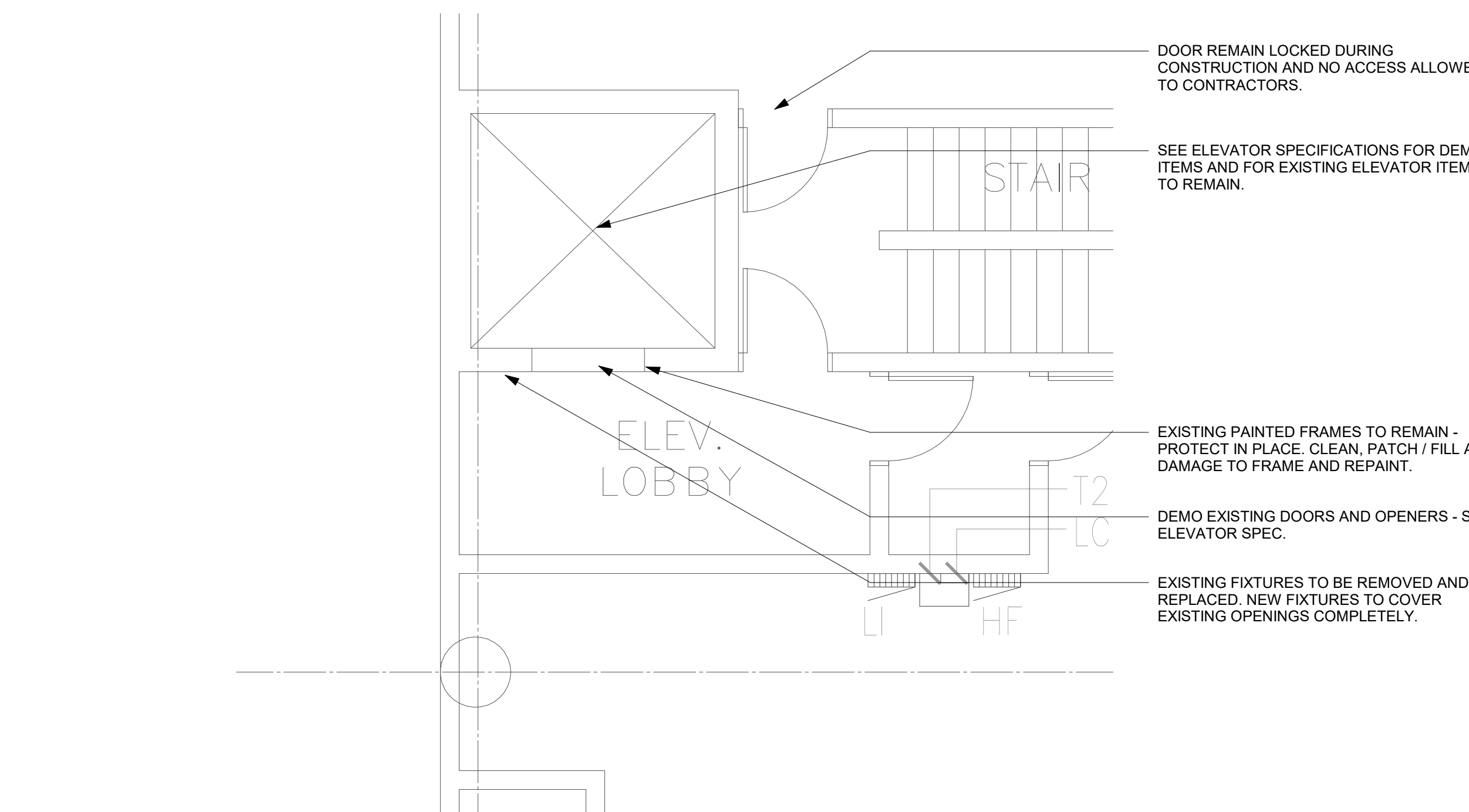
**P12** DEMO ENLARGED PLAN - SECOND FLOOR - ELEVATOR 3 (6514)  
1/4" = 1'-0"



**H1** DEMO ENLARGED PLAN - FIRST FLOOR - ELEVATOR 3 (6514)  
1/4" = 1'-0"

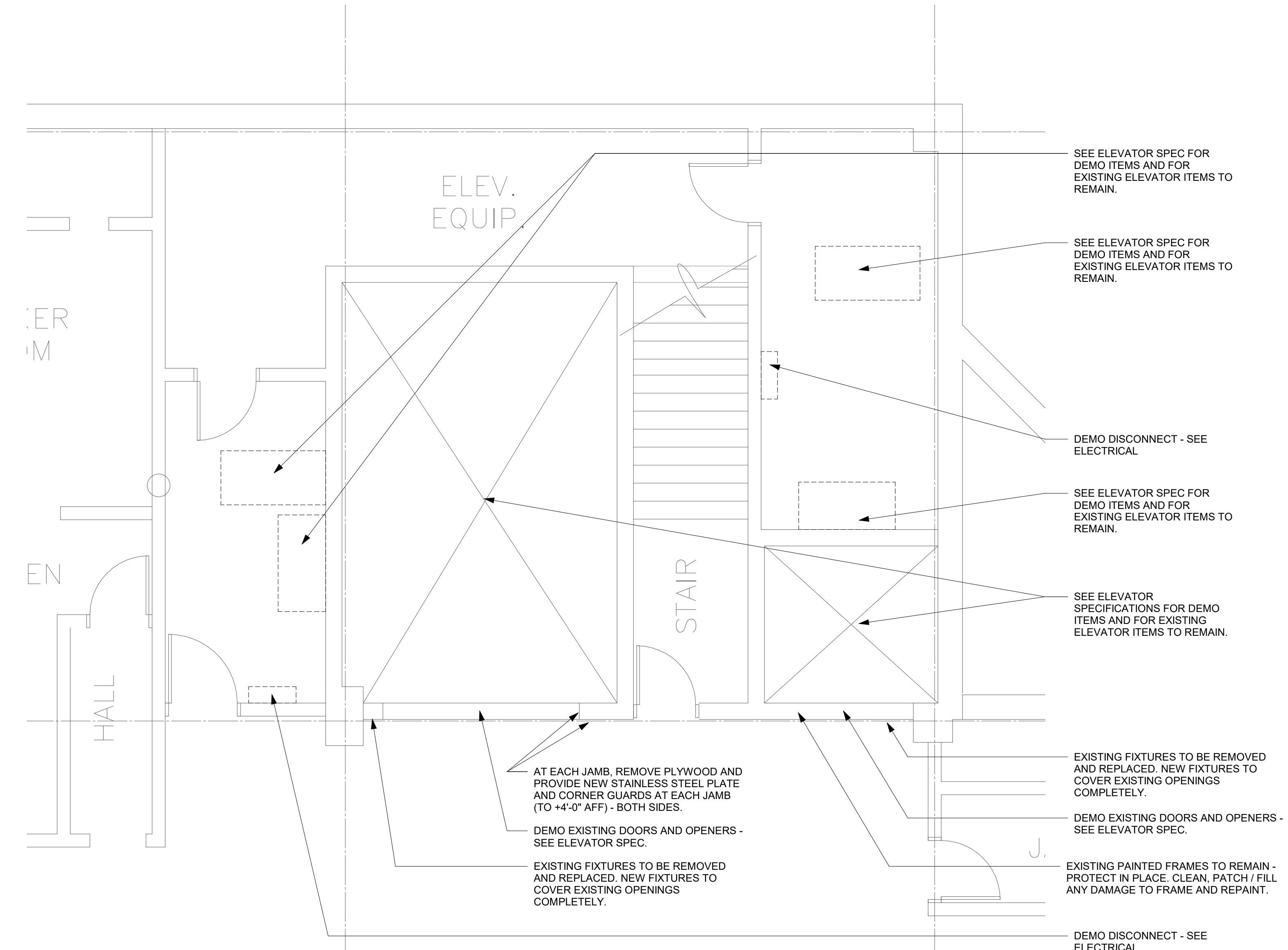


**H12** DEMO ENLARGED PLAN - THIRD FLOOR - ELEVATOR 3 (6514)  
1/4" = 1'-0"

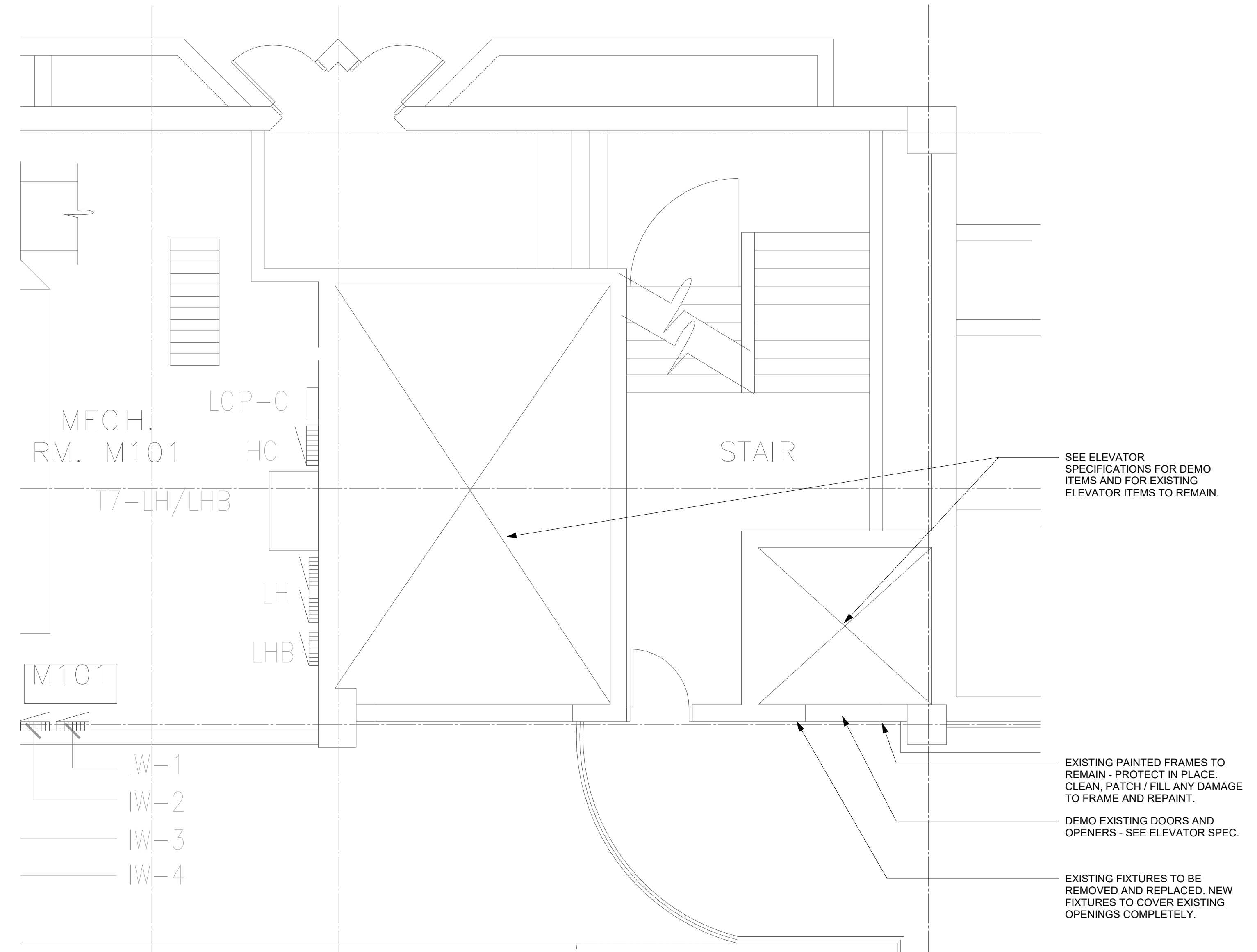


**A1** DEMO ENLARGED PLAN - MEZZANINE - EAST - ELEVATOR 3 (6514)  
1/4" = 1'-0"

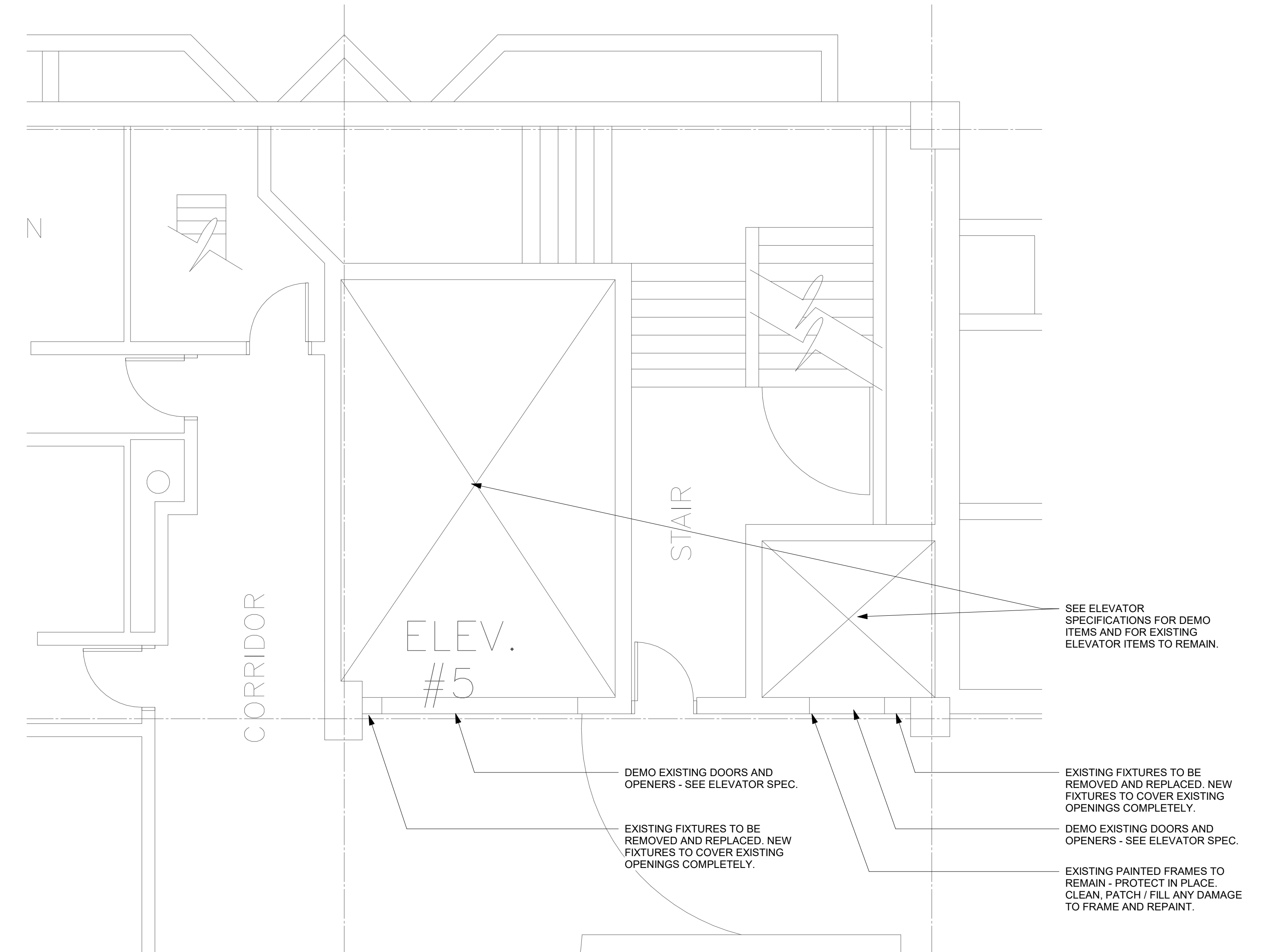
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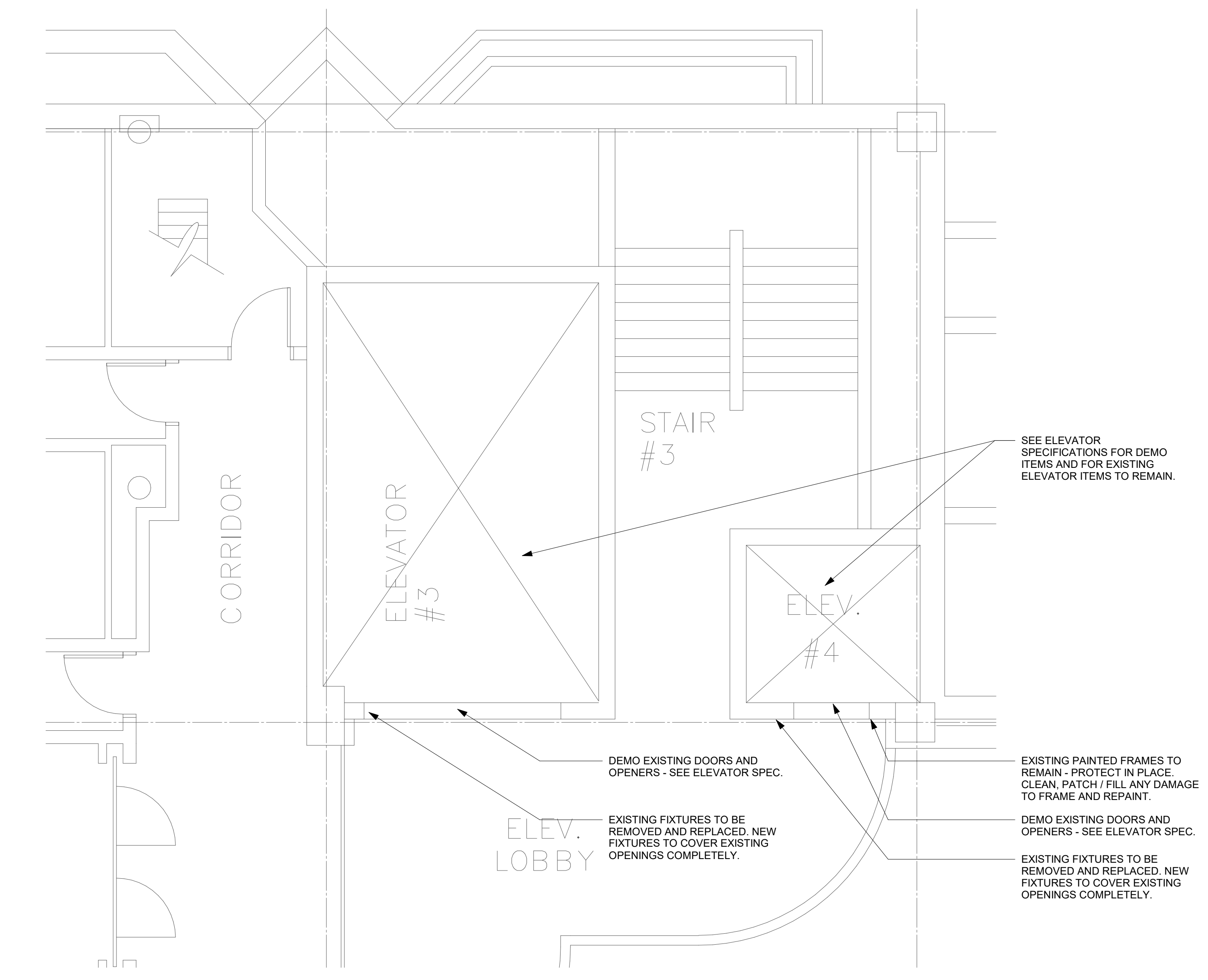
**L2 DEMO ENLARGED PLAN - BASEMENT - ELEVATOR 4 (6512) / ELEVATOR 5 (6513)**  
1/4" = 1'-0"



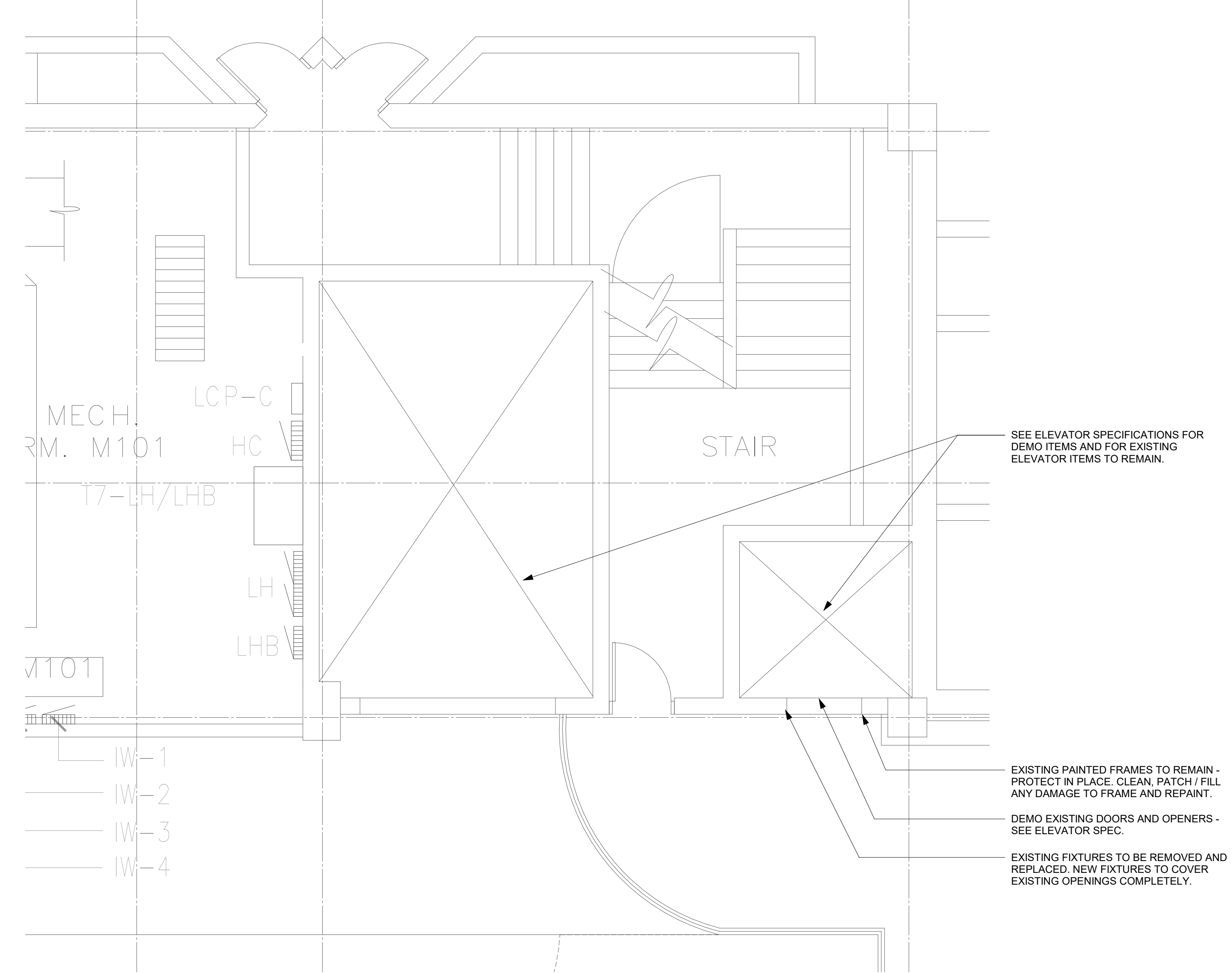
**L15 DEMO ENLARGED PLAN - MEZZANINE - WEST - ELEVATOR 5 (6513)**  
1/4" = 1'-0"



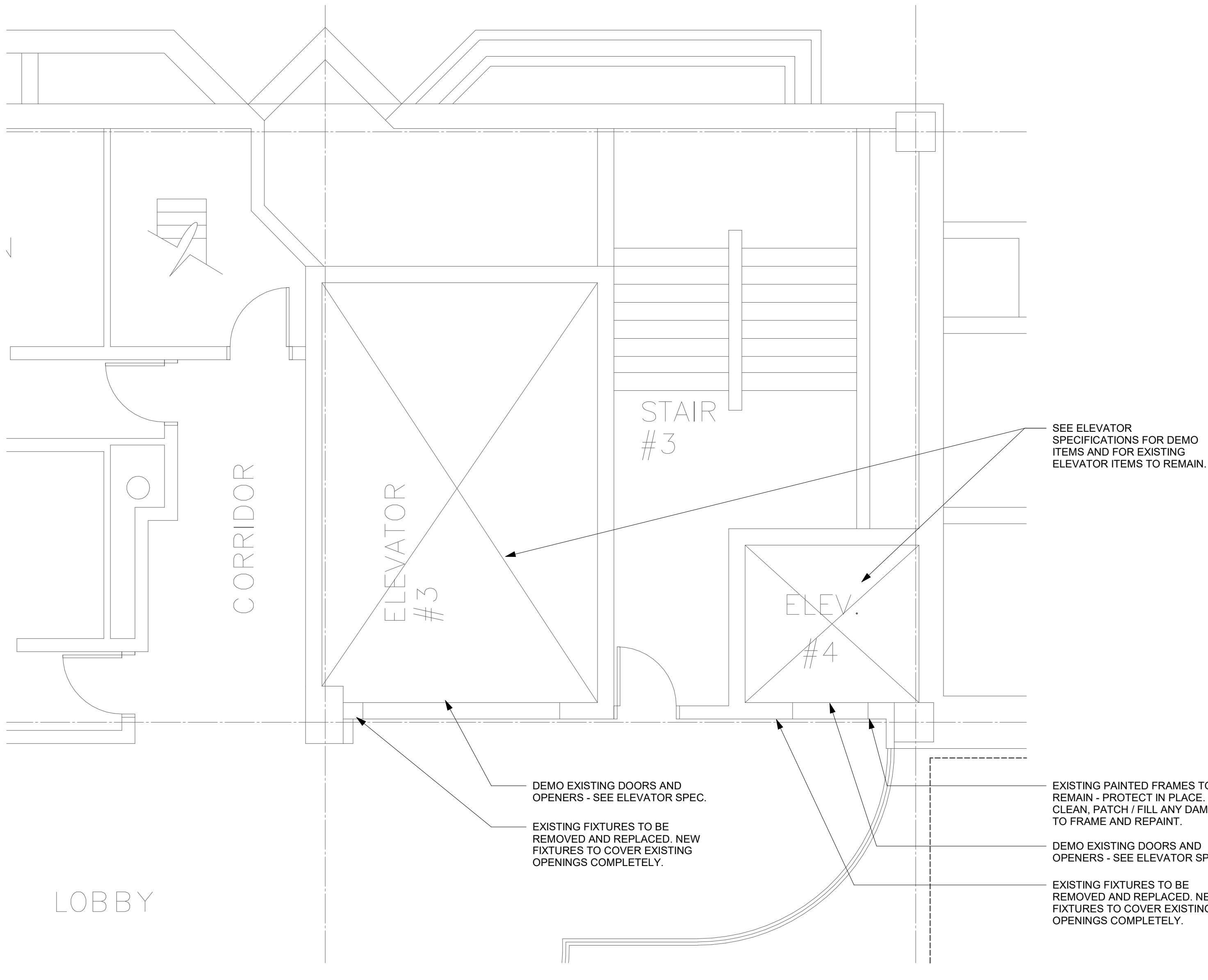
**A2 DEMO ENLARGED PLAN - FIRST FLOOR - ELEVATOR 4 (6512) / ELEVATOR 5 (6513)**  
1/4" = 1'-0"



**L2 DEMO ENLARGED PLAN - SECOND FLOOR - ELEVATOR 4 (6512) / ELEVATOR 5 (6513)**  
 1/4" = 1'-0"



**L15 ENLARGED PLAN - MEZZANINE - WEST - ELEVATOR 5 (6513)**  
 1/4" = 1'-0"



**A2 DEMO ENLARGED PLAN - THIRD FLOOR - ELEVATOR 4 (6512) / ELEVATOR 5 (6513)**  
 1/4" = 1'-0"

Key Plan

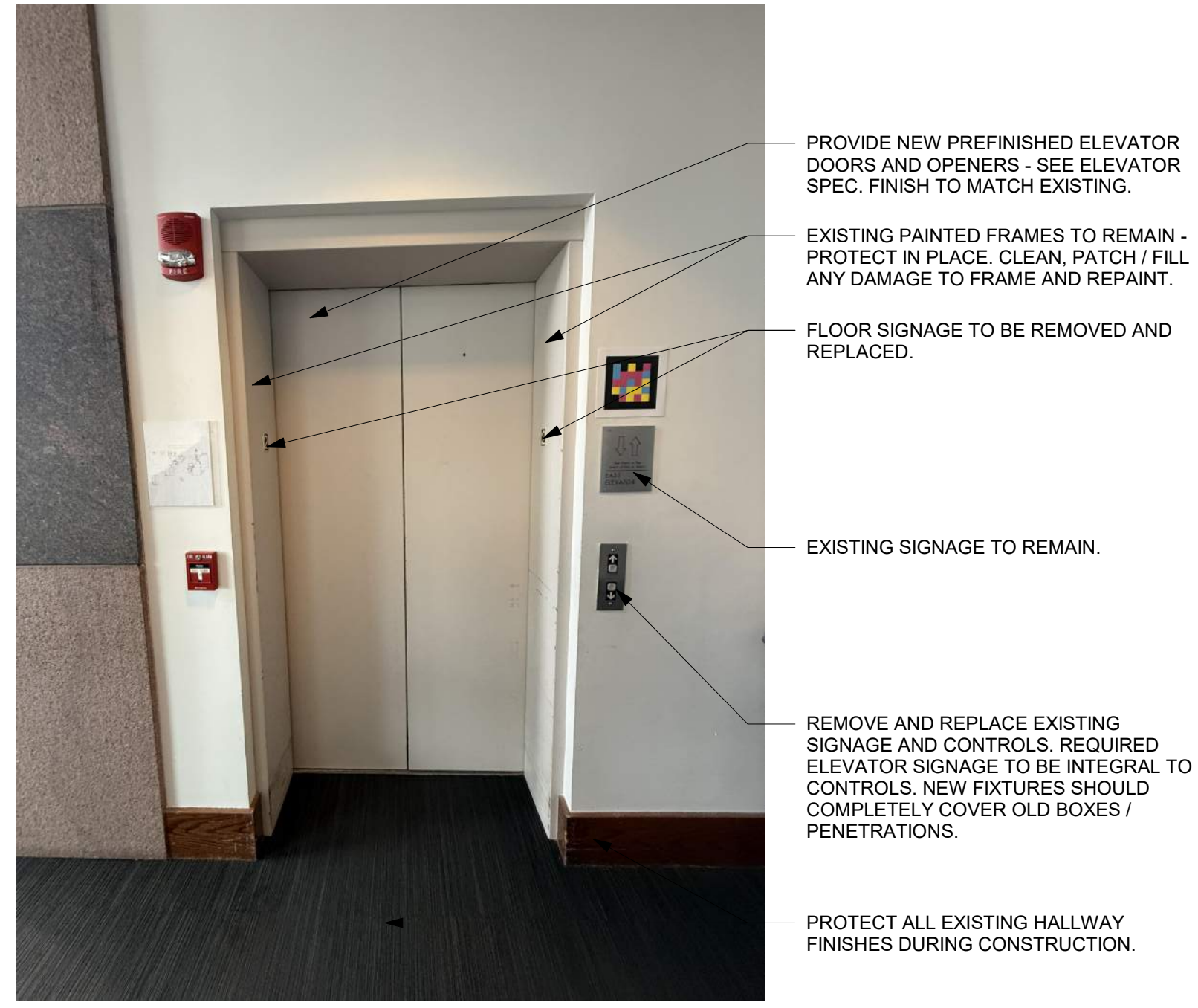
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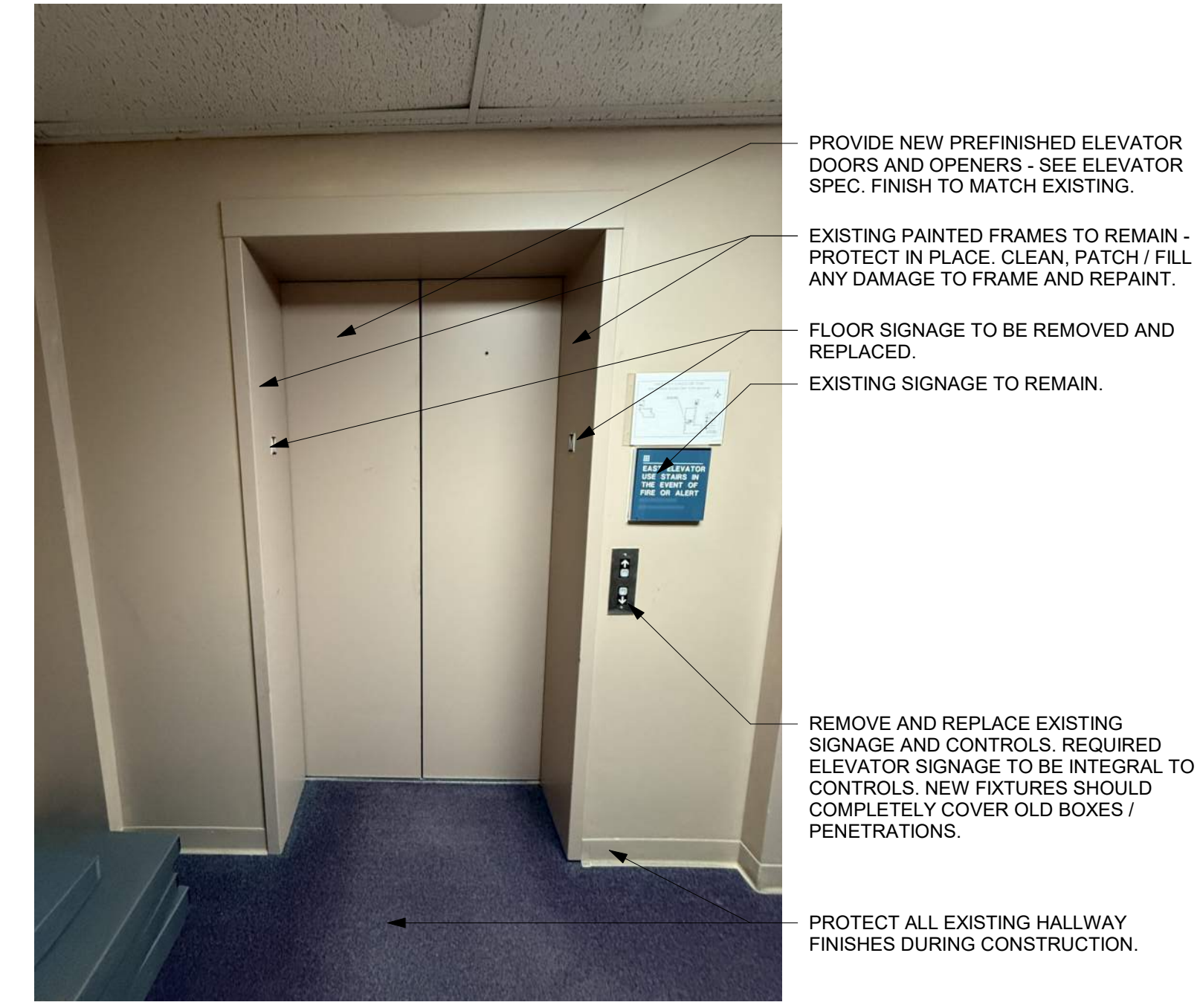
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**BID ISSUE SET** 06/10/26

Sheet Name

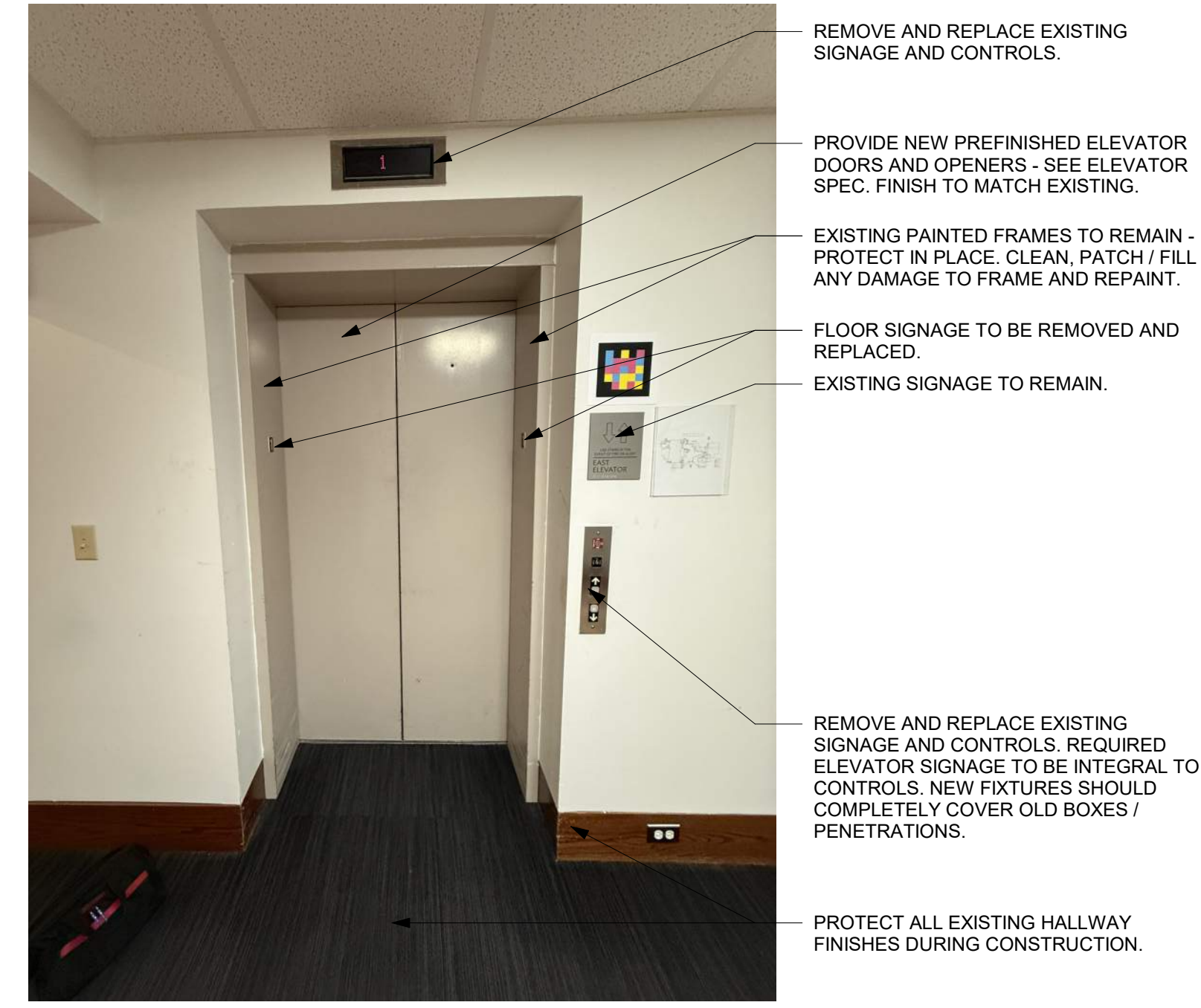
**ENLARGED DEMO PLANS - ELEVATOR 4 (6512) / ELEVATOR 5 (6513)**



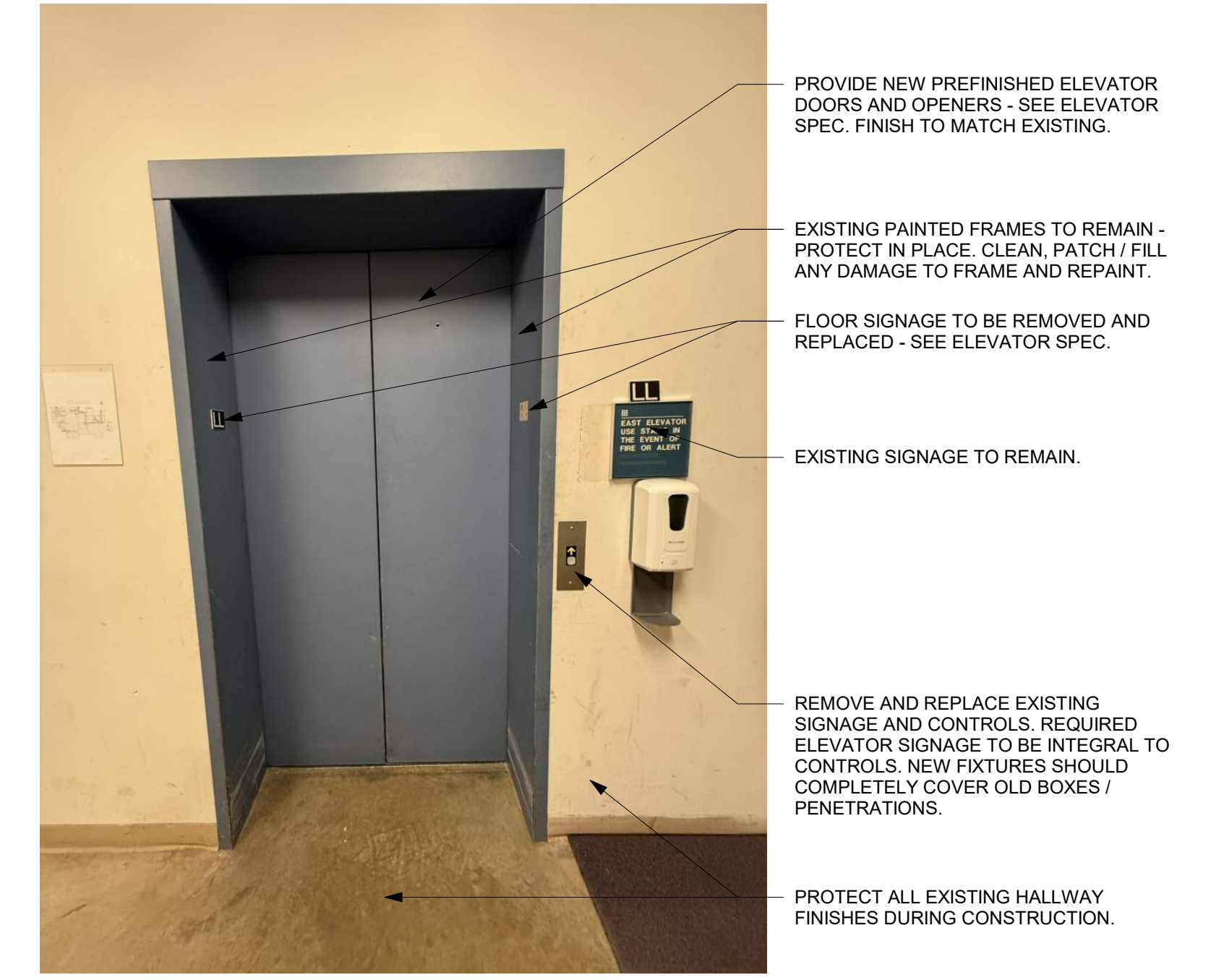
4 IMAGE 4



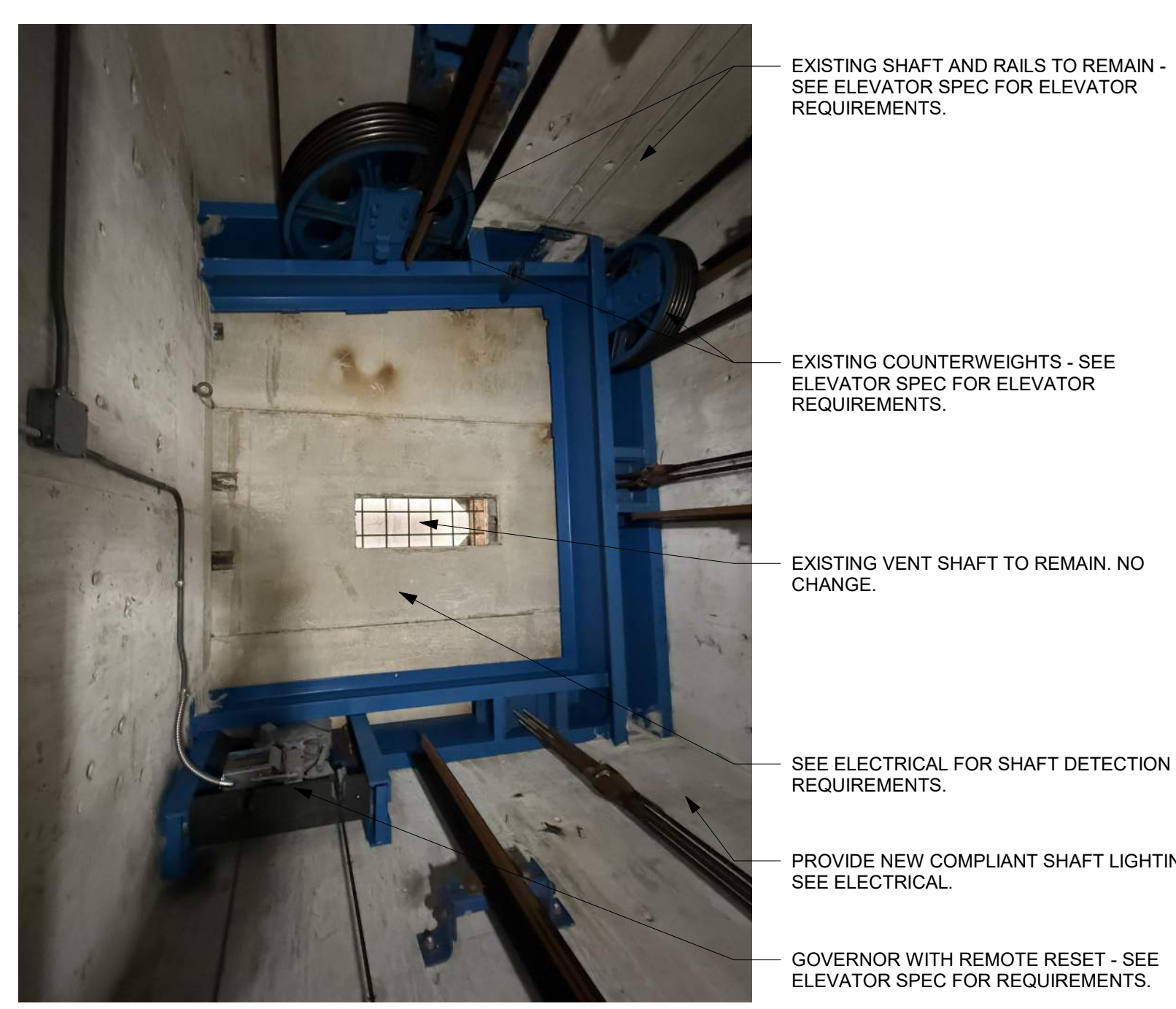
3 IMAGE 3



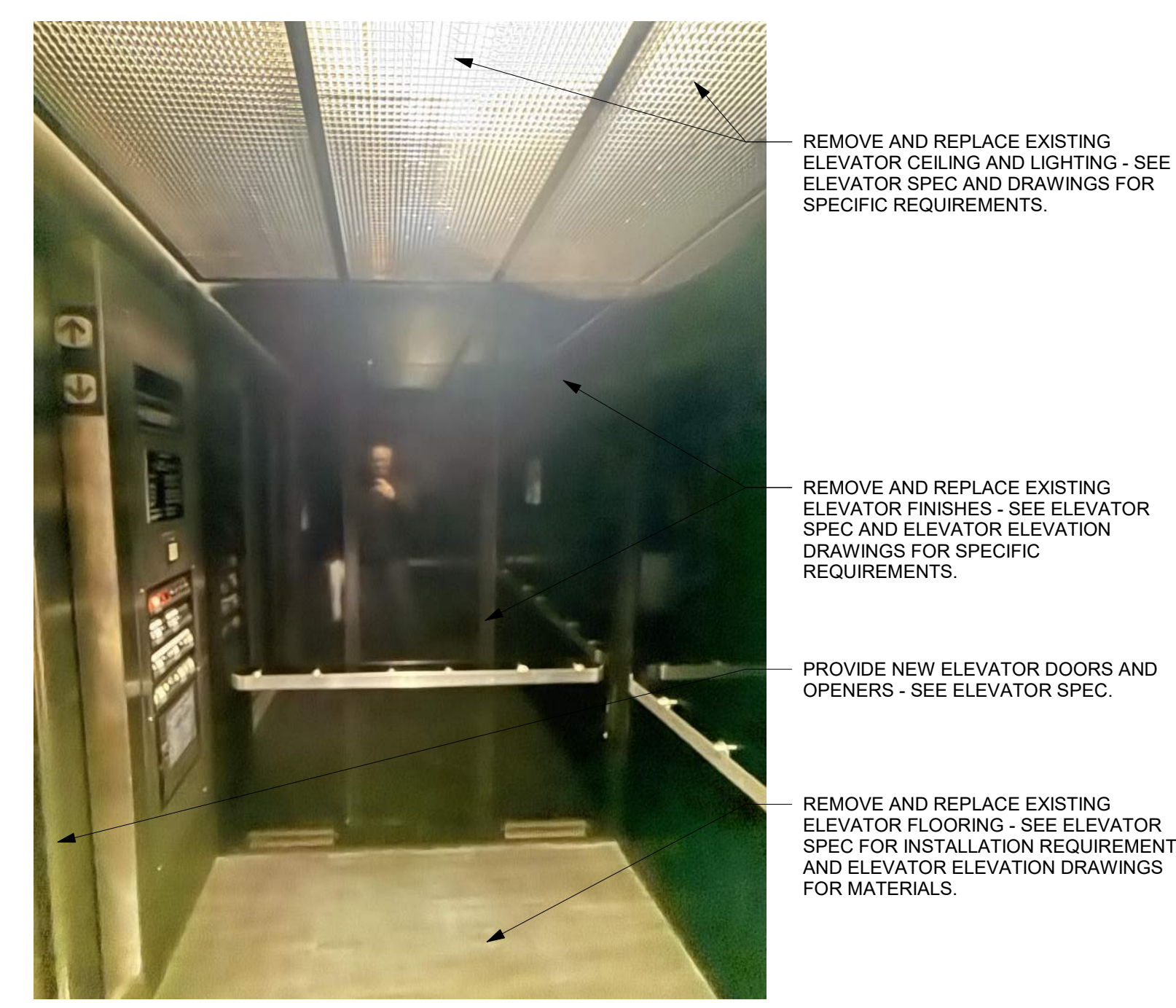
2 IMAGE 2



1 IMAGE 1



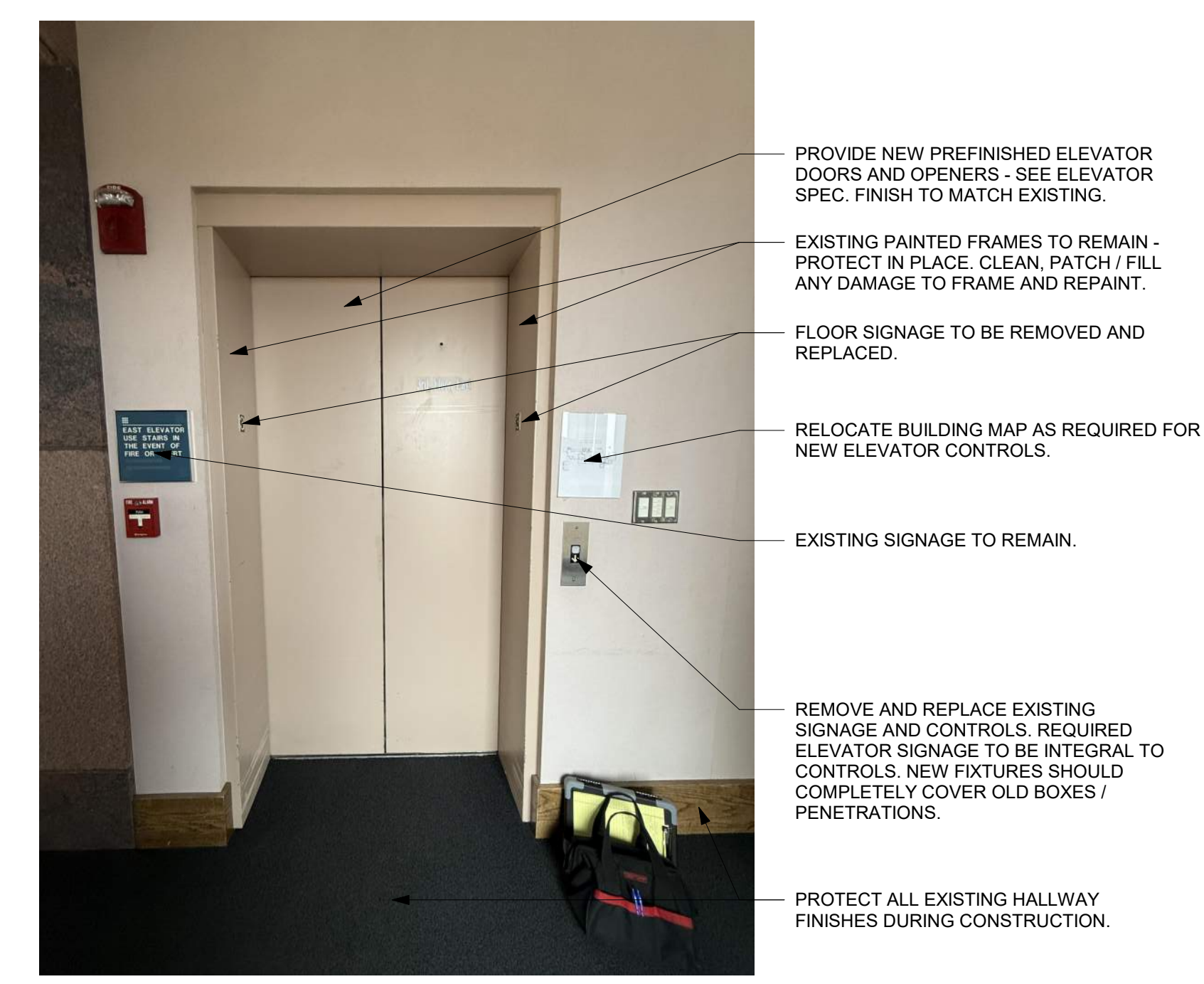
8 IMAGE 8



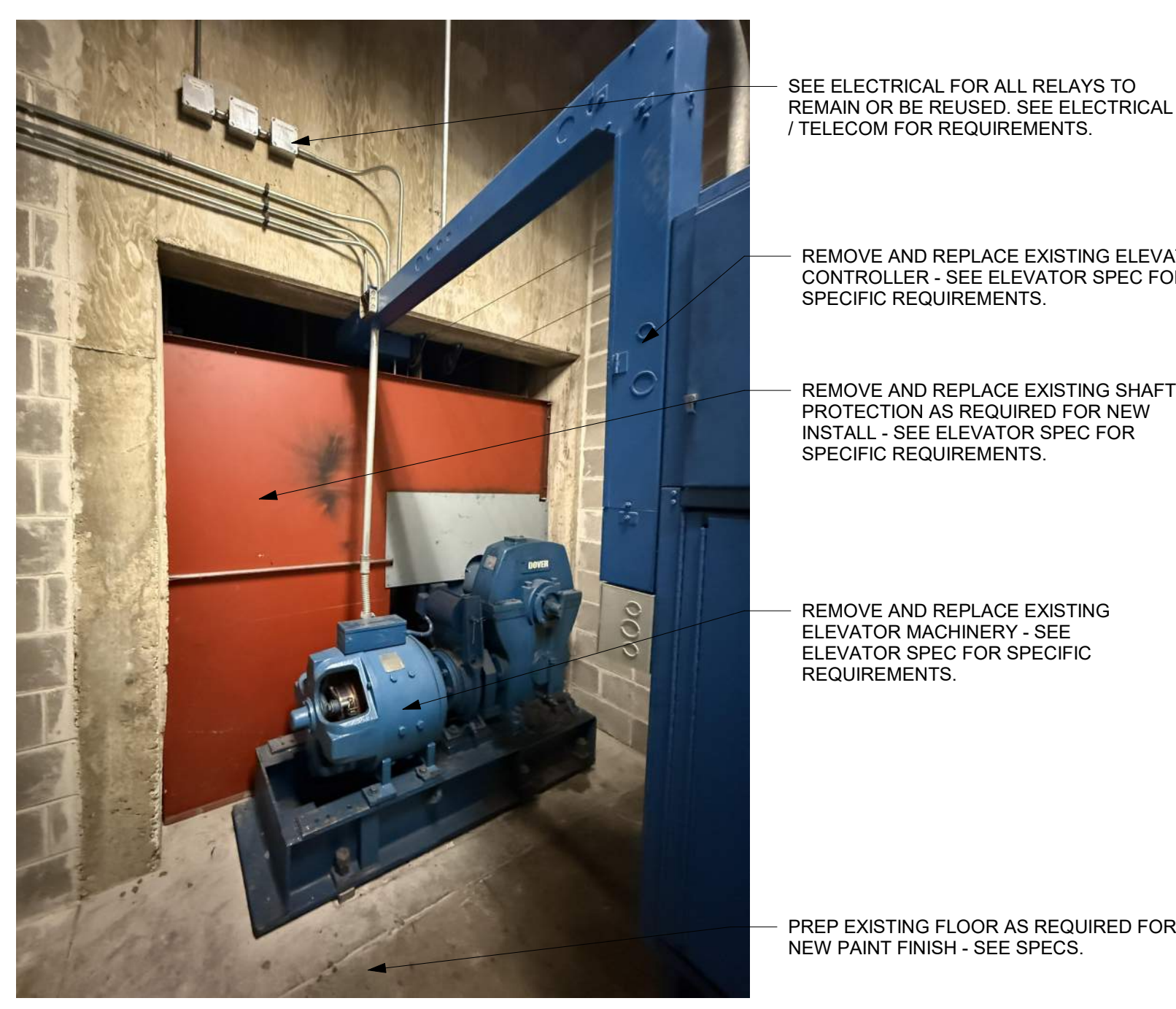
7 IMAGE 7



6 IMAGE 6



5 IMAGE 5



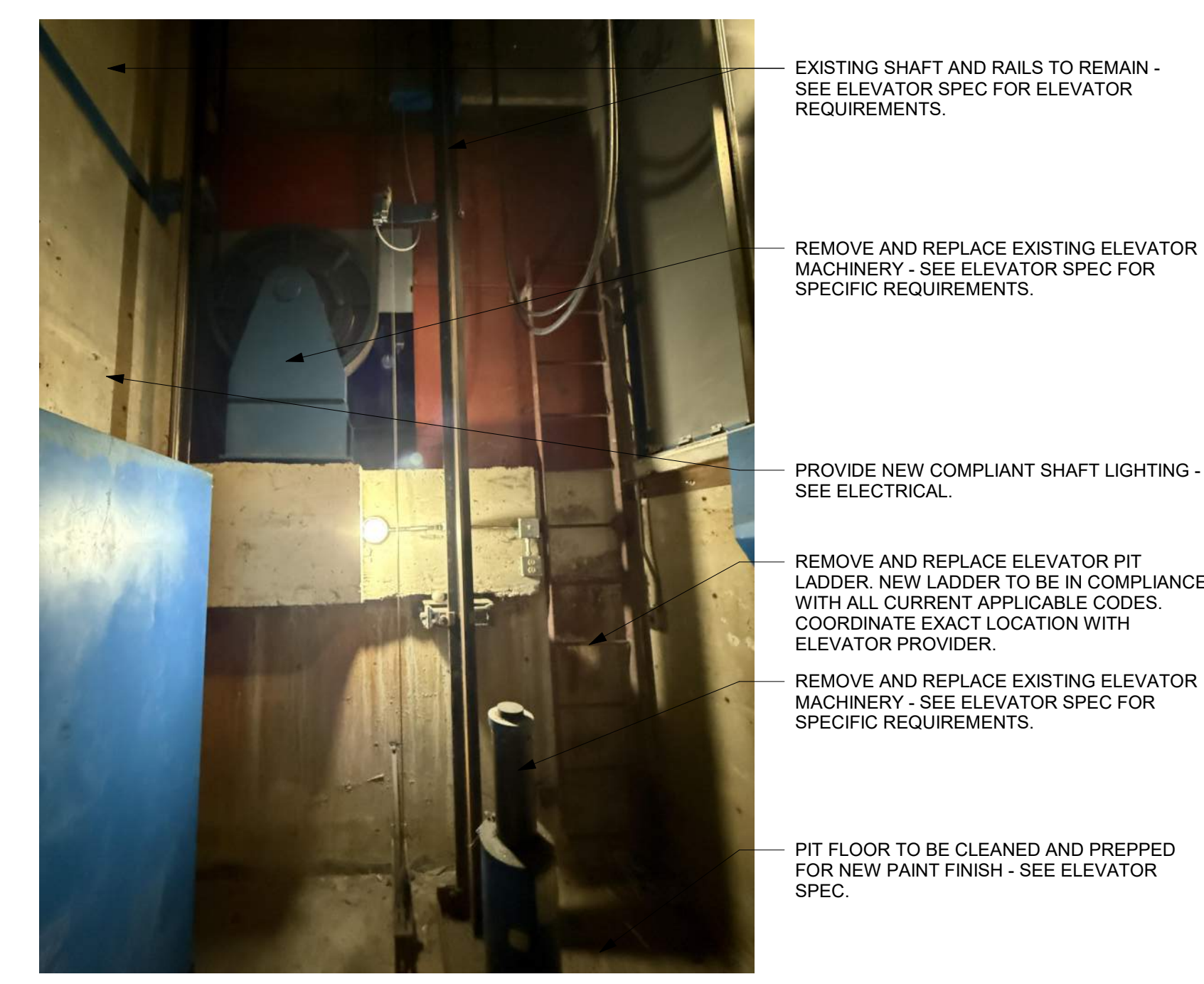
12 IMAGE 12



11 IMAGE 11



10 IMAGE 10



9 IMAGE 9

Key Plan

Revision	Description	Date

OPN Project No.  
**25832000**

Sheet Issue Date  
**BID ISSUE SET 06/10/26**

Sheet Name

**EXISTING CONDITIONS - ELEVATOR 3 (6514)**

Sheet Number



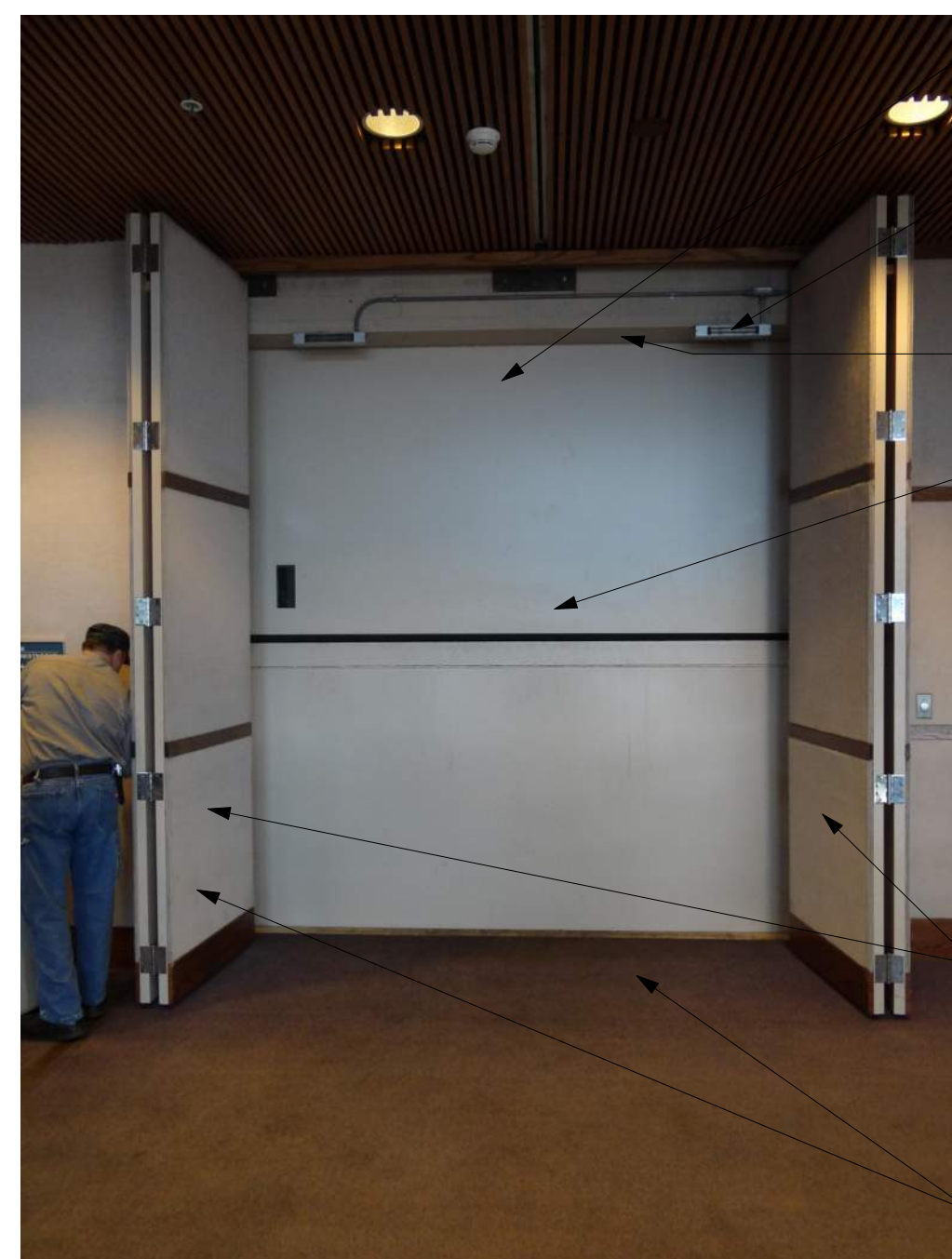
- PROVIDE NEW PREFINISHED ELEVATOR DOORS AND OPENERS - SEE ELEVATOR SPEC. FINISH TO MATCH EXISTING.
- EXISTING PAINTED OPENING TO REMAIN - PROTECT IN PLACE. CLEAN, PATCH / FILL ANY DAMAGE TO FRAME AND REPAINT.
- AT EACH JAMB, REMOVE PLYWOOD AND PROVIDE NEW STAINLESS STEEL PLATE AND CORNER GUARDS AT EACH JAMB (TO +4'-0" AFF).
- RUN NEW STAINLESS STEEL PLATE FROM INSIDE ELEVATOR JAMB EQUAL WITH WALL TO CORNER, THEN TURN CORNER AND RUN ON CORRIDOR WALL OVER TO ADJACENT DOOR FRAME.
- REMOVE AND REPLACE EXISTING SIGNAGE AND CONTROLS. REQUIRED ELEVATOR SIGNAGE TO BE INTEGRAL TO CONTROLS. NEW FIXTURES SHOULD COMPLETELY COVER OLD BOXES / PENETRATIONS.
- PROTECT ALL EXISTING HALLWAY FINISHES DURING CONSTRUCTION.

13 IMAGE 13



- EXISTING PAINTED OPENING TO REMAIN - PROTECT IN PLACE. CLEAN, PATCH / FILL ANY DAMAGE TO FRAME AND REPAINT.
- PROVIDE NEW PREFINISHED ELEVATOR DOORS AND OPENERS - SEE ELEVATOR SPEC. FINISH TO MATCH EXISTING.
- AT EACH JAMB, REMOVE PLYWOOD AND PROVIDE NEW STAINLESS STEEL PLATE AND CORNER GUARDS AT EACH JAMB (TO +4'-0" AFF).
- RUN NEW STAINLESS STEEL PLATE FROM INSIDE ELEVATOR JAMB EQUAL WITH WALL TO CORNER, THEN TURN CORNER AND RUN ON CORRIDOR WALL OVER TO ADJACENT DOOR FRAME.
- REMOVE AND REPLACE EXISTING SIGNAGE AND CONTROLS. REQUIRED ELEVATOR SIGNAGE TO BE INTEGRAL TO CONTROLS. NEW FIXTURES SHOULD COMPLETELY COVER OLD BOXES / PENETRATIONS.
- PROTECT ALL EXISTING HALLWAY FINISHES DURING CONSTRUCTION.

14 IMAGE 14



- PROVIDE NEW PREFINISHED ELEVATOR DOORS AND OPENERS - SEE ELEVATOR SPEC. FINISH TO MATCH EXISTING.
- EXISTING MAGNETIC HOLDS TO REMAIN. PROTECT DURING CONSTRUCTION.
- EXISTING PAINTED OPENING TO REMAIN - PROTECT IN PLACE. CLEAN, PATCH / FILL ANY DAMAGE TO FRAME AND REPAINT.
- COORDINATE ALL REQUIRED SIGNAGE LOCATIONS WITH ARCHITECT / OWNER PRIOR TO INSTALLATION.
- EXISTING BI-PARTING DOORS TO REMAIN. PROTECT DURING CONSTRUCTION.
- PROTECT ALL EXISTING HALLWAY FINISHES DURING CONSTRUCTION.

15 IMAGE 15



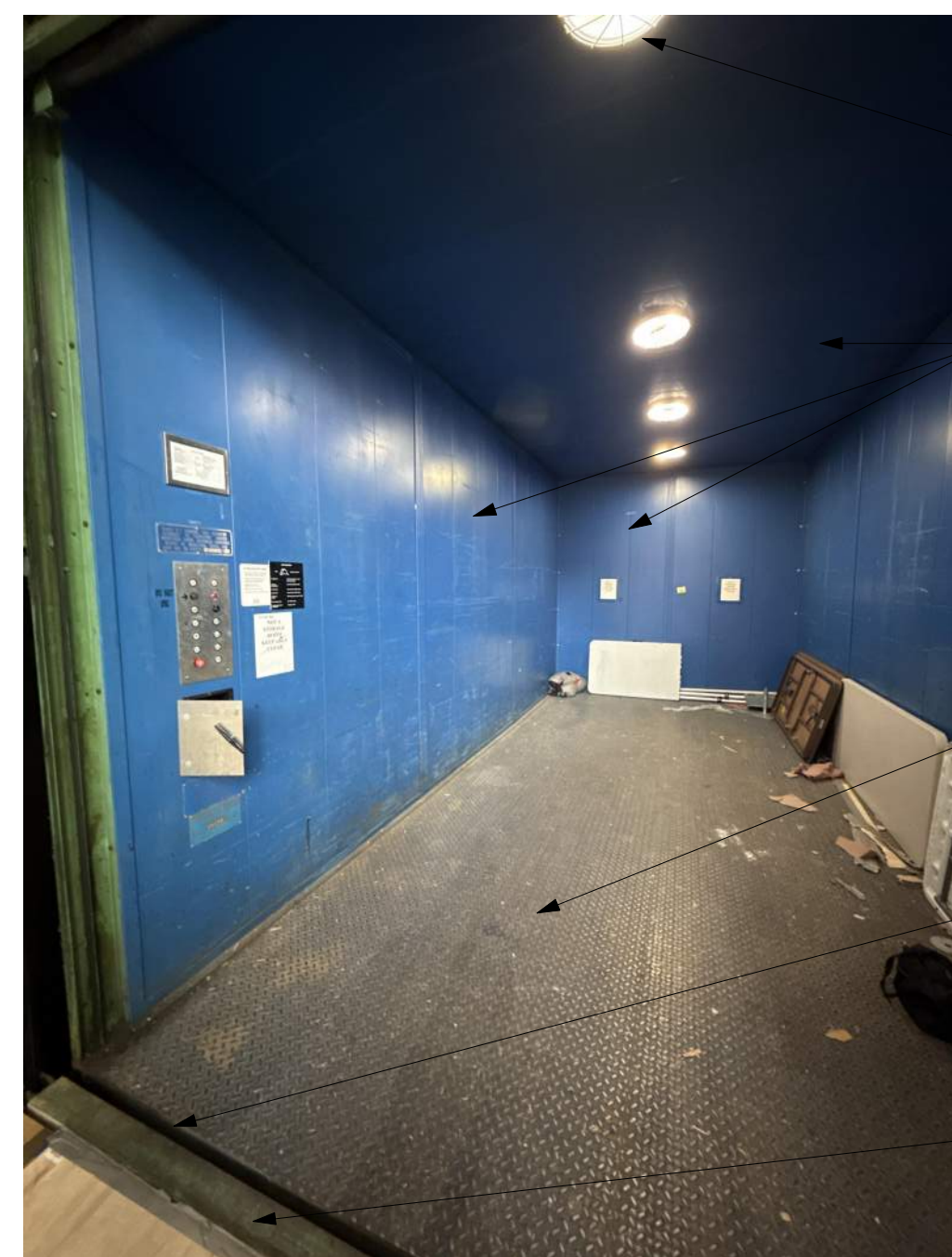
- COORDINATE NEW CONTROL FIXTURE TO PROVIDE OPERATION IN EXISTING LOCATION. ALLOW ROOM ON NEW CONTROL PLATE FOR CARD ACCESS CONTROLLER TO REPLACE USER KEY CONTROL.
- EXISTING BI-PARTING DOORS TO REMAIN. PROTECT DURING CONSTRUCTION.
- PROTECT ALL EXISTING HALLWAY FINISHES DURING CONSTRUCTION.

16 IMAGE 16



- EXISTING PAINTED OPENING TO REMAIN - PROTECT IN PLACE. CLEAN, PATCH / FILL ANY DAMAGE TO FRAME AND REPAINT.
- AT EACH JAMB, REMOVE PLYWOOD AND PROVIDE NEW STAINLESS STEEL PLATE AND CORNER GUARDS AT EACH JAMB (TO +4'-0" AFF).
- RUN NEW STAINLESS STEEL PLATE FROM INSIDE ELEVATOR JAMB EQUAL WITH WALL TO CORNER, THEN TURN CORNER AND RUN TO WALL AS SHOWN.
- REMOVE AND REPLACE EXISTING SIGNAGE AND CONTROLS. REQUIRED ELEVATOR SIGNAGE TO BE INTEGRAL TO CONTROLS. NEW FIXTURES SHOULD COMPLETELY COVER OLD BOXES / PENETRATIONS.
- PROTECT ALL EXISTING HALLWAY FINISHES DURING CONSTRUCTION.

17 IMAGE 17



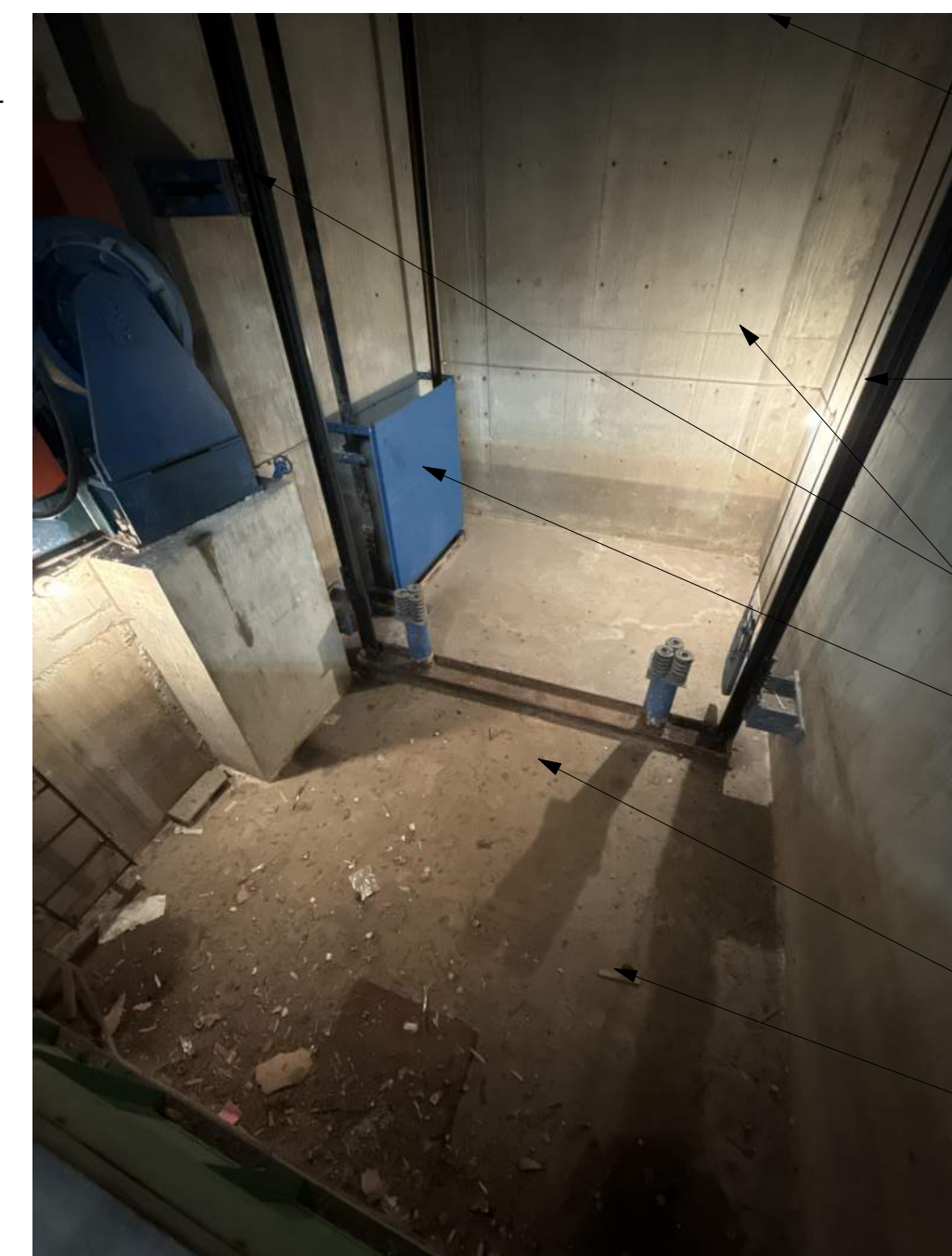
- EXISTING ELEVATOR LIGHTING TO BE REMOVED AND NEW SURFACE MOUNTED FIXTURES TO BE PROVIDED. SEE ELEVATOR RCP.
- EXISTING WALL PANELS TO BE MAINTAINED - PREP WALLS AND PROVIDE NEW ELECTROSTATIC PAINT FINISH. WALLS TO MATCH EXISTING COLOR. CEILING TO BE WHITE.
- EXISTING ELEVATOR FLOOR TO REMAIN. CLEAN AND POLISH EXISTING FLOOR - SEE ELEVATOR SPECIFICATIONS.
- ELEVATOR PROVIDER TO PROVIDE NEW SILL TRIMS AS REQUIRED TO REDUCE GAP AT EACH FLOOR TRANSITION - SEE ELEVATOR SPEC.
- PROVIDE NEW ELEVATOR DOORS AND OPENERS - SEE ELEVATOR SPEC.

18 IMAGE 18



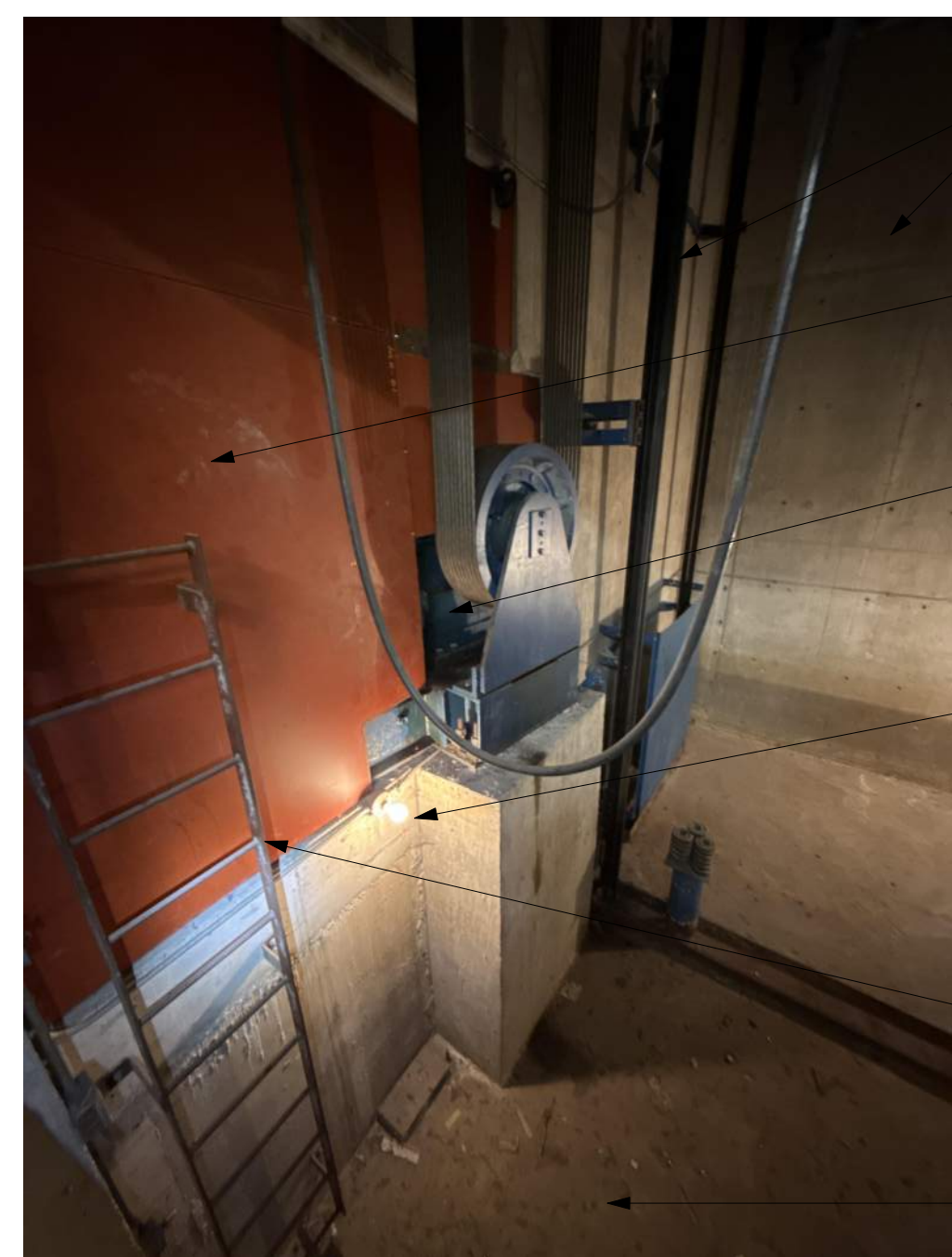
- EXISTING WALL PANELS TO BE MAINTAINED - PREP WALLS AND PROVIDE NEW ELECTROSTATIC PAINT FINISH.
- REMOVE ALL EXISTING SIGNAGE COMPLETE AND PROVIDE NEW CODE COMPLIANT SIGNAGE.
- PROVIDE NEW ELEVATOR CONTROL PANEL - SEE ELEVATOR SPEC.
- PROVIDE NEW ELEVATOR DOORS AND OPENERS - SEE ELEVATOR SPEC.

19 IMAGE 19



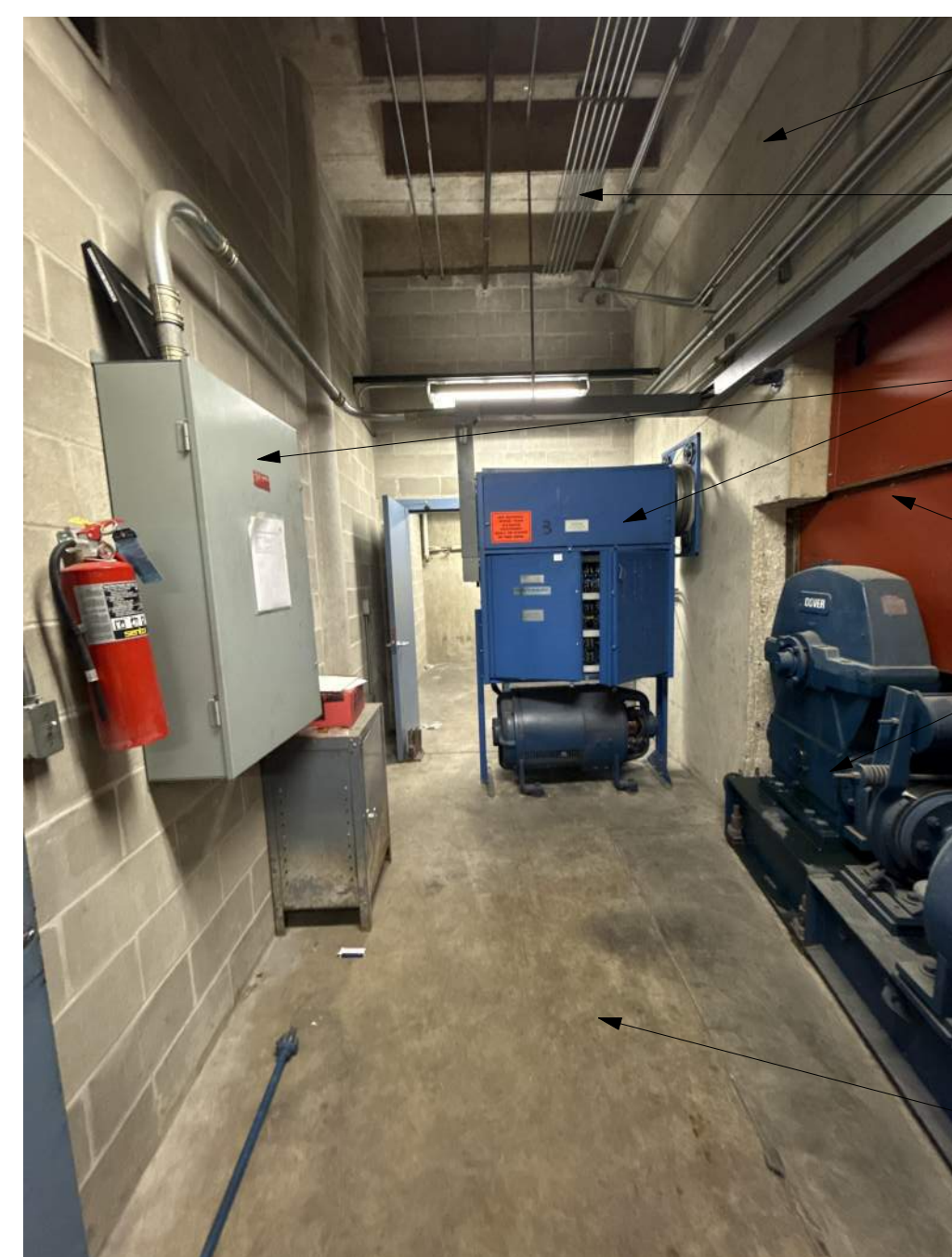
- EXISTING VENT SHAFT TO REMAIN - NO WORK.
- PROVIDE NEW COMPLIANT SHAFT LIGHTING - SEE ELECTRICAL.
- EXISTING SHAFT AND RAILS TO REMAIN - SEE ELEVATOR SPEC FOR ELEVATOR REQUIREMENTS.
- EXISTING COUNTERWEIGHTS - SEE ELEVATOR SPEC FOR ELEVATOR REQUIREMENTS.
- SEE ELECTRICAL FOR SHAFT DETECTION REQUIREMENTS.
- PIT FLOOR TO BE CLEANED AND PREPPED FOR NEW PAINT FINISH - SEE ELEVATOR SPEC.

20 IMAGE 20



- EXISTING SHAFT AND RAILS TO REMAIN - SEE ELEVATOR SPEC FOR ELEVATOR REQUIREMENTS.
- REMOVE AND REPLACE EXISTING SHAFT PROTECTION AS REQUIRED FOR NEW INSTALL - SEE ELEVATOR SPEC FOR SPECIFIC REQUIREMENTS.
- REMOVE AND REPLACE EXISTING ELEVATOR MACHINERY - SEE ELEVATOR SPEC FOR SPECIFIC REQUIREMENTS.
- PROVIDE NEW COMPLIANT SHAFT LIGHTING - SEE ELECTRICAL.
- REMOVE AND REPLACE ELEVATOR PIT LADDER. NEW LADDER TO BE IN COMPLIANCE WITH ALL CURRENT APPLICABLE CODES. COORDINATE EXACT LOCATION WITH ELEVATOR PROVIDER.
- PIT FLOOR TO BE CLEANED AND PREPPED FOR NEW PAINT FINISH - SEE ELEVATOR SPEC.

21 IMAGE 21



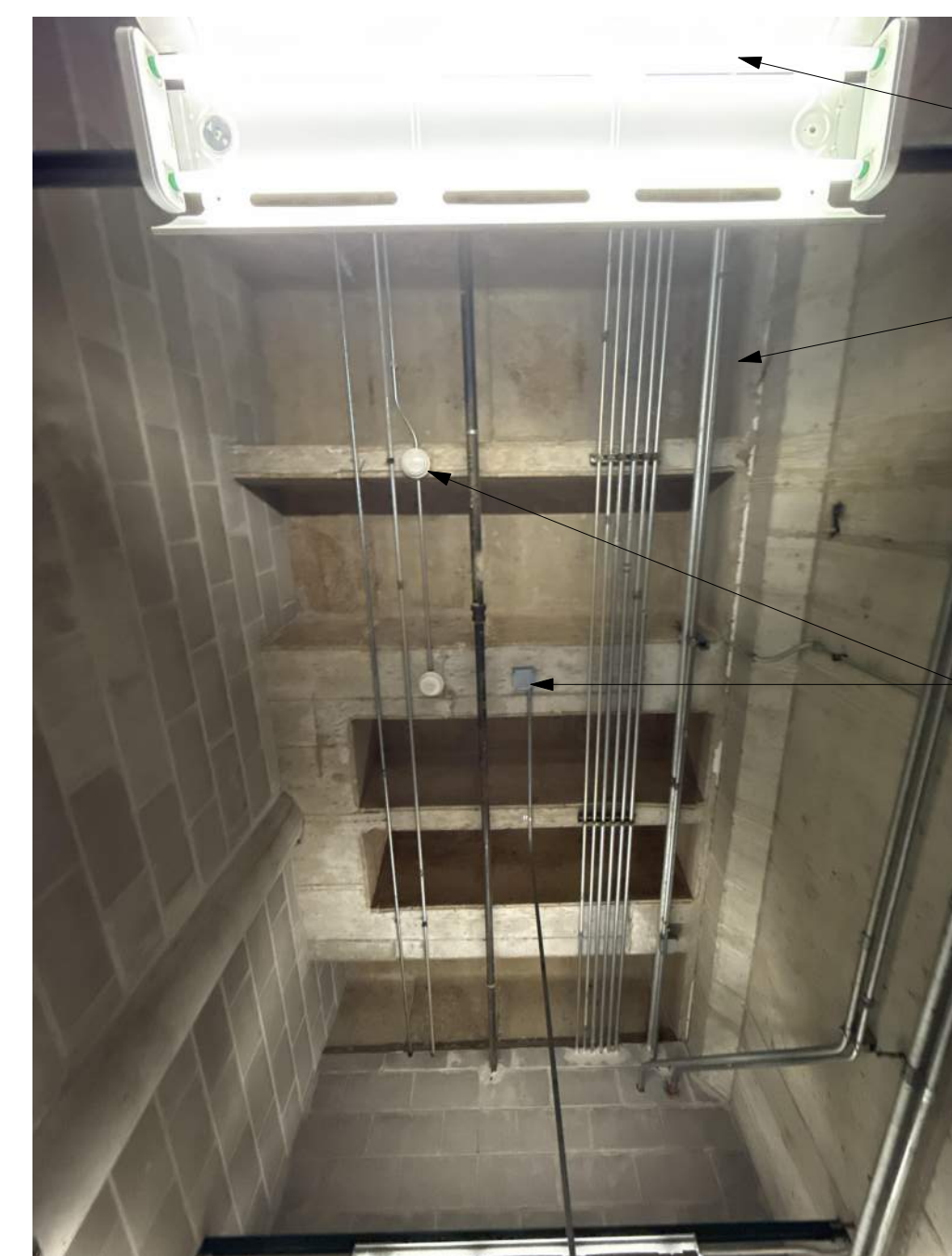
- EXISTING MACHINE ROOM IS CONDITIONED / VENTED - SEE MECHANICAL.
- EXISTING CEILING HAS NON-ELEVATOR RELATED UTILITIES RUNNING THROUGH THE SPACE. A NEW HARD LID CEILING WILL BE REQUIRED TO BE ADDED TO THE SPACE.
- REMOVE AND REPLACE EXISTING ELEVATOR CONTROLLER - SEE ELEVATOR SPEC FOR SPECIFIC REQUIREMENTS.
- REMOVE AND REPLACE EXISTING SHAFT PROTECTION AS REQUIRED FOR NEW INSTALL - SEE ELEVATOR SPEC FOR SPECIFIC REQUIREMENTS.
- REMOVE AND REPLACE EXISTING ELEVATOR MACHINERY - SEE ELEVATOR SPEC FOR SPECIFIC REQUIREMENTS.
- PREP EXISTING FLOOR AS REQUIRED FOR NEW PAINT FINISH - SEE SPECS.

22 IMAGE 22



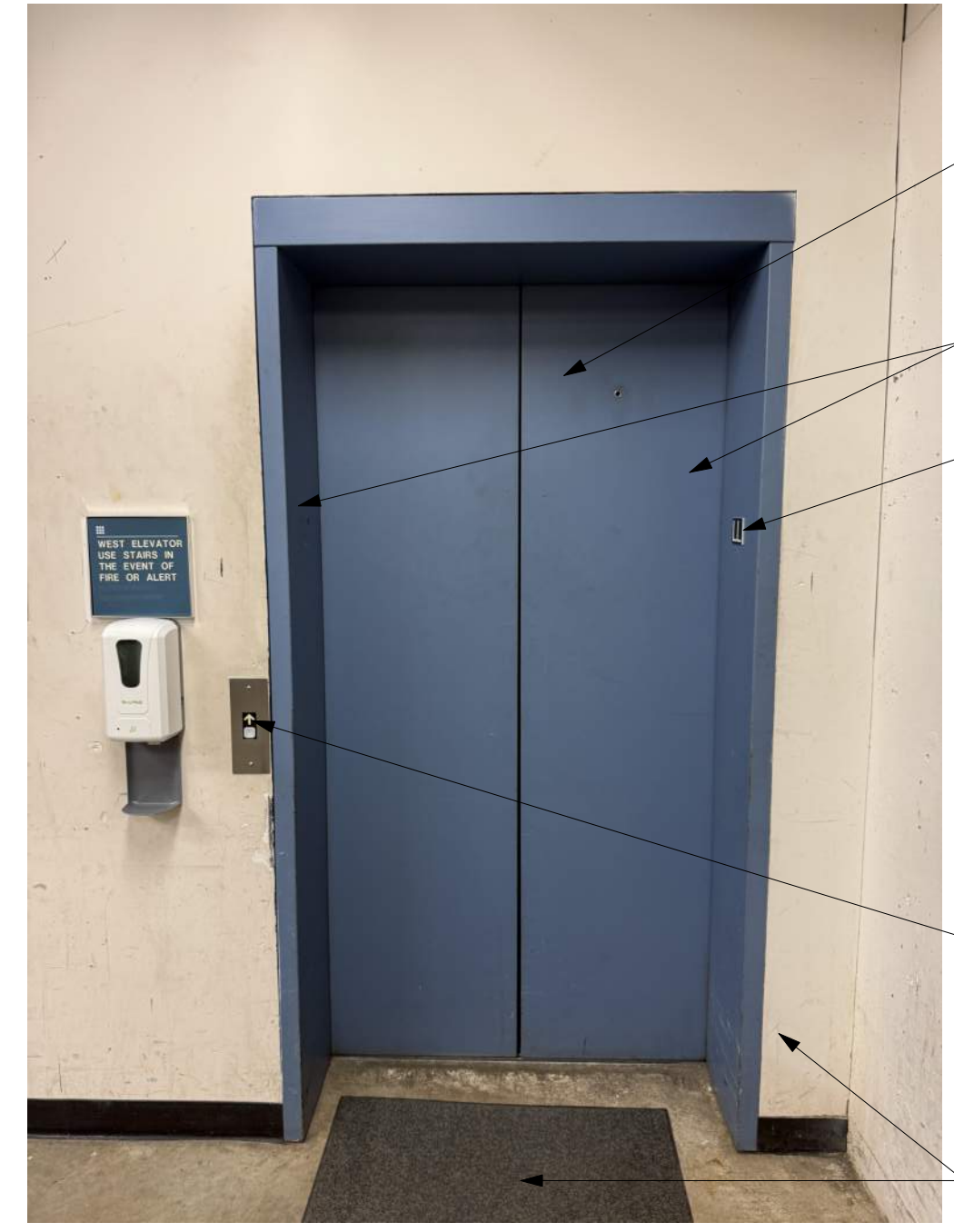
- SEE ELECTRICAL FOR ALL RELAYS TO REMAIN OR BE REUSED. SEE ELECTRICAL / TELECOM FOR REQUIREMENTS.
- SEE ELECTRICAL FOR DISCONNECTS / CONTROLLERS TO REMAIN OR BE REUSED. SEE ELECTRICAL / TELECOM FOR REQUIREMENTS.

23 IMAGE 23



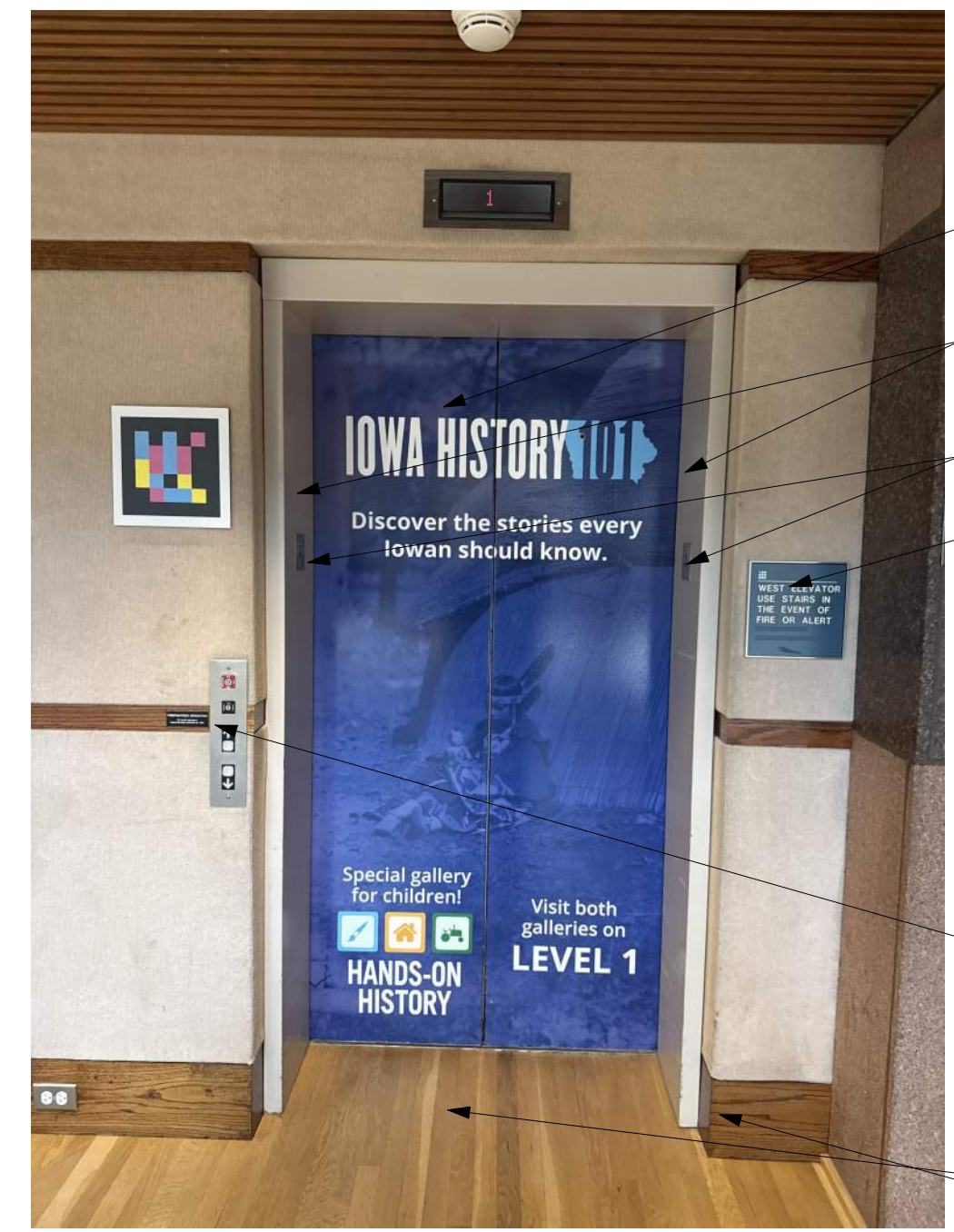
- REMOVE AND PROVIDE NEW MACHINE ROOM LIGHTING - SEE ELECTRICAL.
- EXISTING CEILING HAS NON-ELEVATOR RELATED UTILITIES RUNNING THROUGH THE SPACE. A NEW HARD LID CEILING WILL BE REQUIRED TO BE ADDED TO THE SPACE.
- EXISTING DETECTION AND RELAYS WILL NEED TO BE RELOCATED AS REQUIRED FOR NEW HARD LID CEILING. SEE ELECTRICAL FOR REQUIREMENTS.

24 IMAGE 24



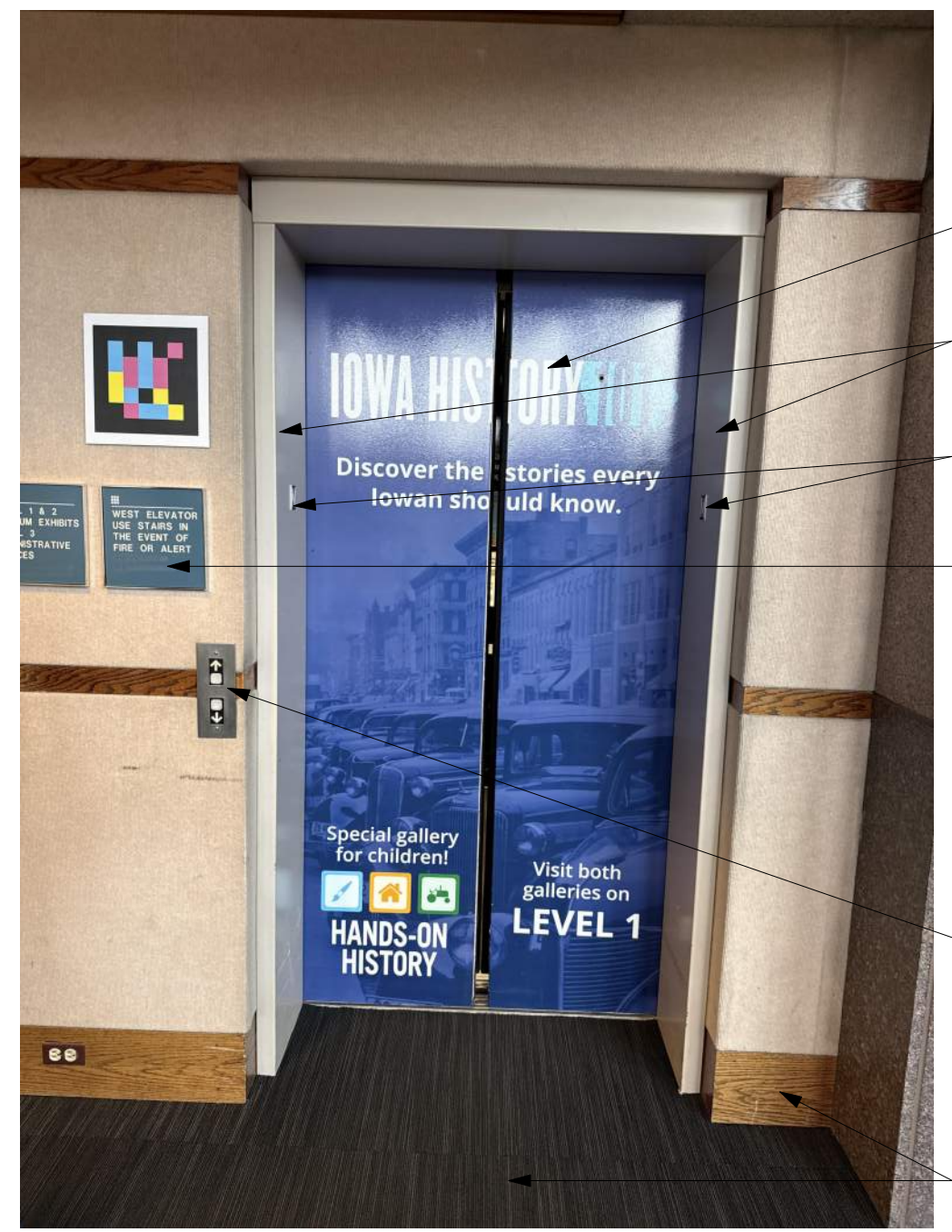
PROVIDE NEW PREFINISHED ELEVATOR DOORS AND OPENERS - SEE ELEVATOR SPEC. FINISH TO MATCH EXISTING.  
EXISTING PAINTED FRAMES TO REMAIN - PROTECT IN PLACE. CLEAN, PATCH / FILL ANY DAMAGE TO FRAME AND REPAINT.  
FLOOR SIGNAGE TO BE REMOVED AND REPLACED.  
REMOVE AND REPLACE EXISTING SIGNAGE AND CONTROLS. REQUIRED ELEVATOR SIGNAGE TO BE INTEGRAL TO CONTROLS. NEW FIXTURES SHOULD COMPLETELY COVER OLD BOXES / PENETRATIONS.  
PROTECT ALL EXISTING HALLWAY FINISHES DURING CONSTRUCTION.

13 IMAGE 25



PROVIDE NEW PREFINISHED ELEVATOR DOORS AND OPENERS - SEE ELEVATOR SPEC. FINISH TO MATCH EXISTING.  
EXISTING PAINTED FRAMES TO REMAIN - PROTECT IN PLACE. CLEAN, PATCH / FILL ANY DAMAGE TO FRAME AND REPAINT.  
FLOOR SIGNAGE TO BE REMOVED AND REPLACED.  
EXISTING SIGNAGE TO REMAIN.  
REMOVE AND REPLACE EXISTING SIGNAGE AND CONTROLS. REQUIRED ELEVATOR SIGNAGE TO BE INTEGRAL TO CONTROLS. NEW FIXTURES SHOULD COMPLETELY COVER OLD BOXES / PENETRATIONS.  
PROTECT ALL EXISTING HALLWAY FINISHES DURING CONSTRUCTION.

14 IMAGE 26



PROVIDE NEW PREFINISHED ELEVATOR DOORS AND OPENERS - SEE ELEVATOR SPEC. FINISH TO MATCH EXISTING.  
EXISTING PAINTED FRAMES TO REMAIN - PROTECT IN PLACE. CLEAN, PATCH / FILL ANY DAMAGE TO FRAME AND REPAINT.  
FLOOR SIGNAGE TO BE REMOVED AND REPLACED.  
EXISTING SIGNAGE TO REMAIN.  
REMOVE AND REPLACE EXISTING SIGNAGE AND CONTROLS. REQUIRED ELEVATOR SIGNAGE TO BE INTEGRAL TO CONTROLS. NEW FIXTURES SHOULD COMPLETELY COVER OLD BOXES / PENETRATIONS.  
PROTECT ALL EXISTING HALLWAY FINISHES DURING CONSTRUCTION.

15 IMAGE 27



PROVIDE NEW PREFINISHED ELEVATOR DOORS AND OPENERS - SEE ELEVATOR SPEC. FINISH TO MATCH EXISTING.  
EXISTING PAINTED FRAMES TO REMAIN - PROTECT IN PLACE. CLEAN, PATCH / FILL ANY DAMAGE TO FRAME AND REPAINT.  
FLOOR SIGNAGE TO BE REMOVED AND REPLACED.  
EXISTING SIGNAGE TO REMAIN.  
REMOVE AND REPLACE EXISTING SIGNAGE AND CONTROLS. REQUIRED ELEVATOR SIGNAGE TO BE INTEGRAL TO CONTROLS. NEW FIXTURES SHOULD COMPLETELY COVER OLD BOXES / PENETRATIONS.  
PROTECT ALL EXISTING HALLWAY FINISHES DURING CONSTRUCTION.

16 IMAGE 28



PROVIDE NEW ELEVATOR DOORS AND OPENERS - SEE ELEVATOR SPEC.  
ALL EXISTING FINISHES TO BE REPLACED IN ELEVATOR. SEE ELEVATOR SPEC AND DRAWINGS FOR NEW FINISHES.  
ELEVATOR TO BE PROVIDED / COORDINATED WITH A COMBINATION CARD ACCESS / PIN CODE FOR ACCESS - SEE ELECTRICAL.  
REMOVE AND REPLACE EXISTING ELEVATOR CONTROL PANEL - SEE ELEVATOR SPEC FOR SPECIFIC REQUIREMENTS. PROVIDE BRAILLE AND MATCH ALL LABELING ON ALL BUTTONS, INCLUDING SIGNAGE BELOW. ALL BRAILLE AND SIGNAGE PLATES TO BE AFFIXED PLATES TO ELEVATOR CONTROL PANEL FOR ABILITY TO REPLACE IN FUTURE. ALL OTHER SIGNAGE TO BE ENGRAVED ON CONTROL PANEL.  
ALL EXISTING FINISHES TO BE REPLACED IN ELEVATOR. SEE ELEVATOR SPEC AND DRAWINGS FOR NEW FINISHES.  
POLISH AND CLEAN ALL SILLS TO REMAIN - TYPICAL ALL ELEVATORS.

17 IMAGE 29



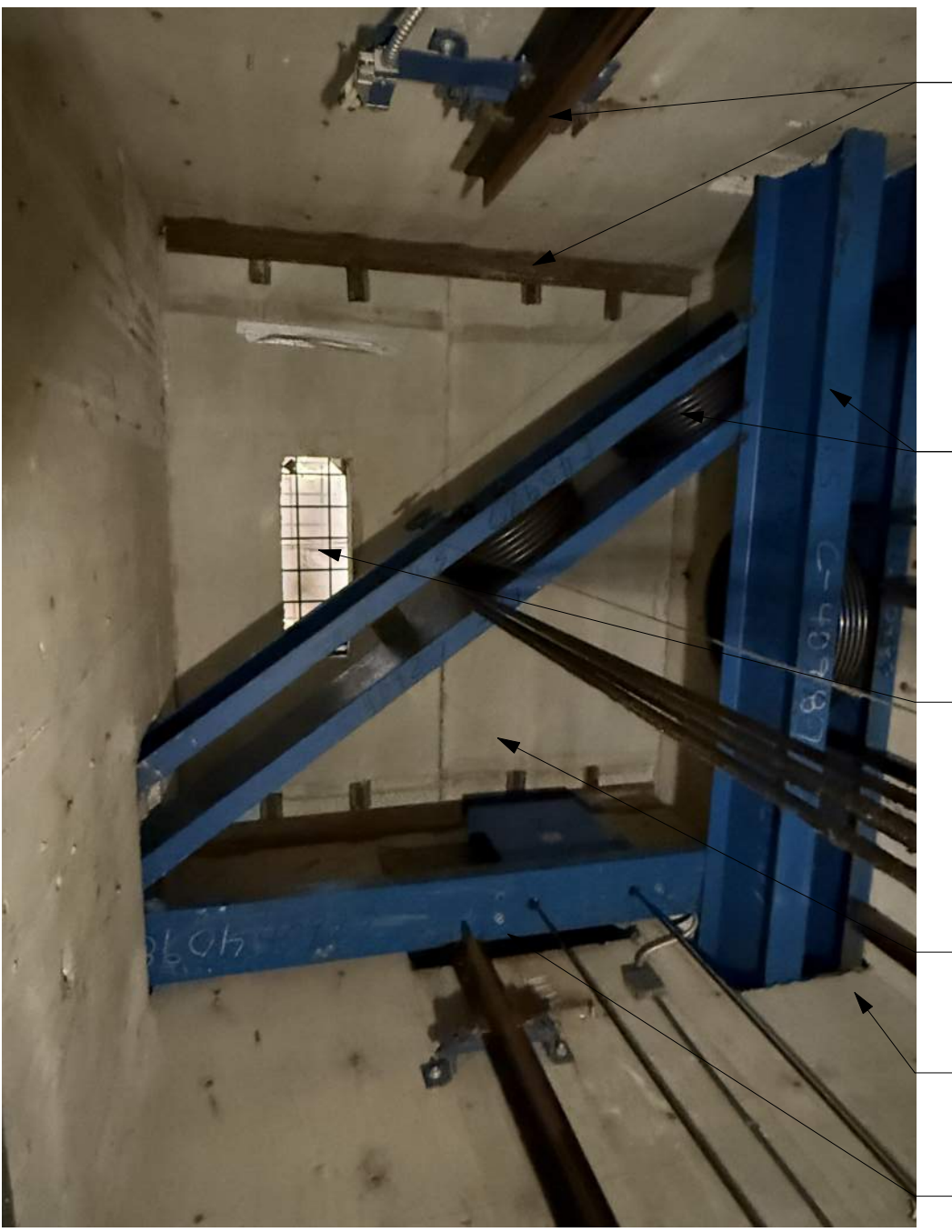
REMOVE AND REPLACE EXISTING ELEVATOR CEILING AND LIGHTING - SEE ELEVATOR SPEC AND DRAWINGS FOR SPECIFIC REQUIREMENTS.  
REMOVE AND REPLACE EXISTING ELEVATOR FINISHES - SEE ELEVATOR SPEC AND ELEVATOR ELEVATION DRAWINGS FOR SPECIFIC REQUIREMENTS.  
PROVIDE NEW ELEVATOR DOORS AND OPENERS - SEE ELEVATOR SPEC.  
REMOVE AND REPLACE EXISTING ELEVATOR FLOORING - SEE ELEVATOR SPEC FOR INSTALLATION REQUIREMENTS AND ELEVATOR ELEVATION DRAWINGS FOR MATERIALS.

18 IMAGE 30



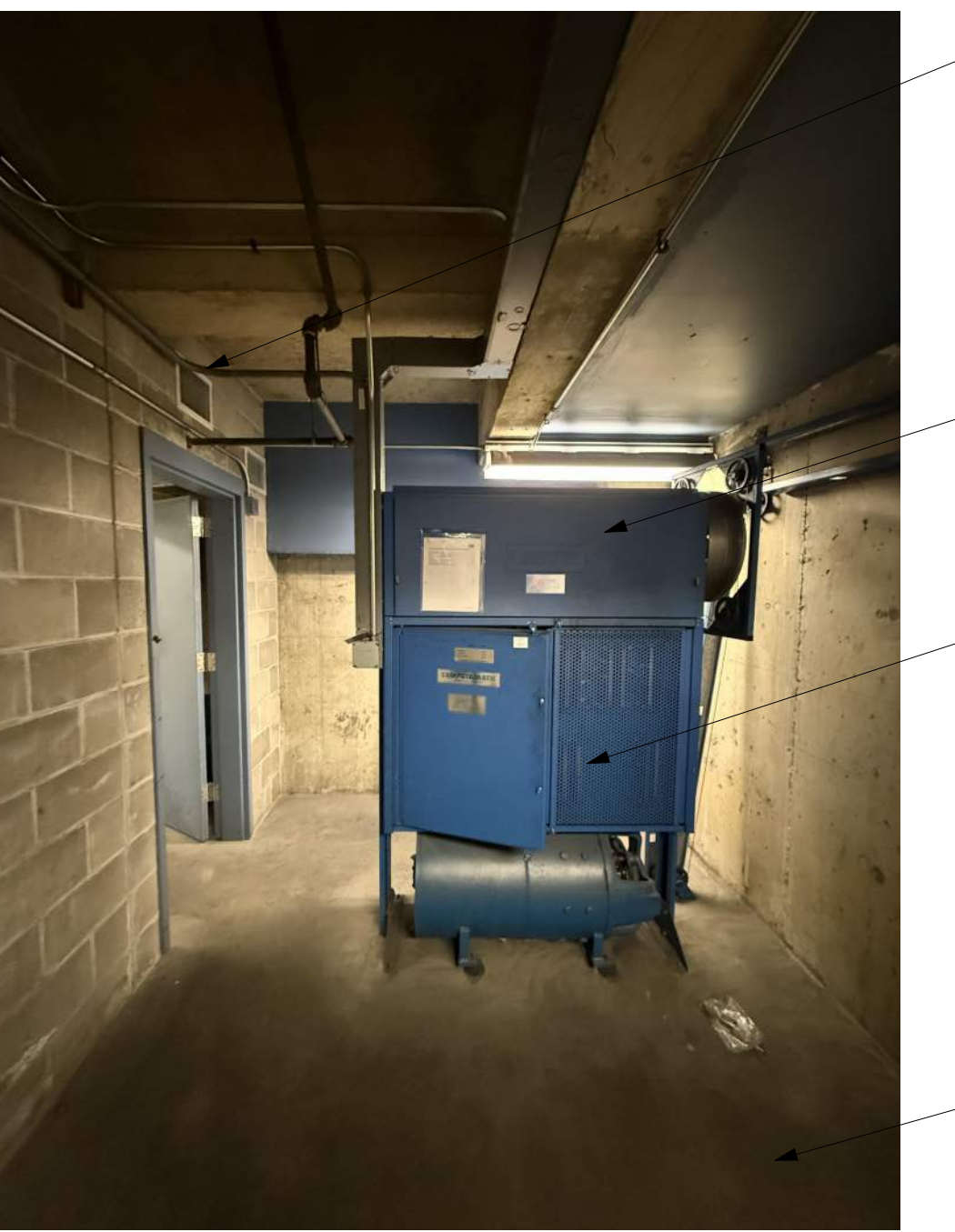
EXISTING SHAFT AND RAILS TO REMAIN - SEE ELEVATOR SPEC FOR ELEVATOR REQUIREMENTS.  
REMOVE AND REPLACE EXISTING ELEVATOR MACHINERY - SEE ELEVATOR SPEC FOR SPECIFIC REQUIREMENTS.  
REMOVE AND REPLACE EXISTING ELEVATOR MACHINERY - SEE ELEVATOR SPEC FOR SPECIFIC REQUIREMENTS.  
REMOVE AND REPLACE ELEVATOR PIT LADDER TO REMAIN. LADDER TO BE IN COMPLIANCE WITH ALL CURRENT APPLICABLE CODES.  
PROVIDE NEW COMPLIANT SHAFT LIGHTING - SEE ELECTRICAL.  
PIT FLOOR TO BE CLEANED AND PREPPED FOR NEW PAINT FINISH - SEE ELEVATOR SPEC.

19 IMAGE 31



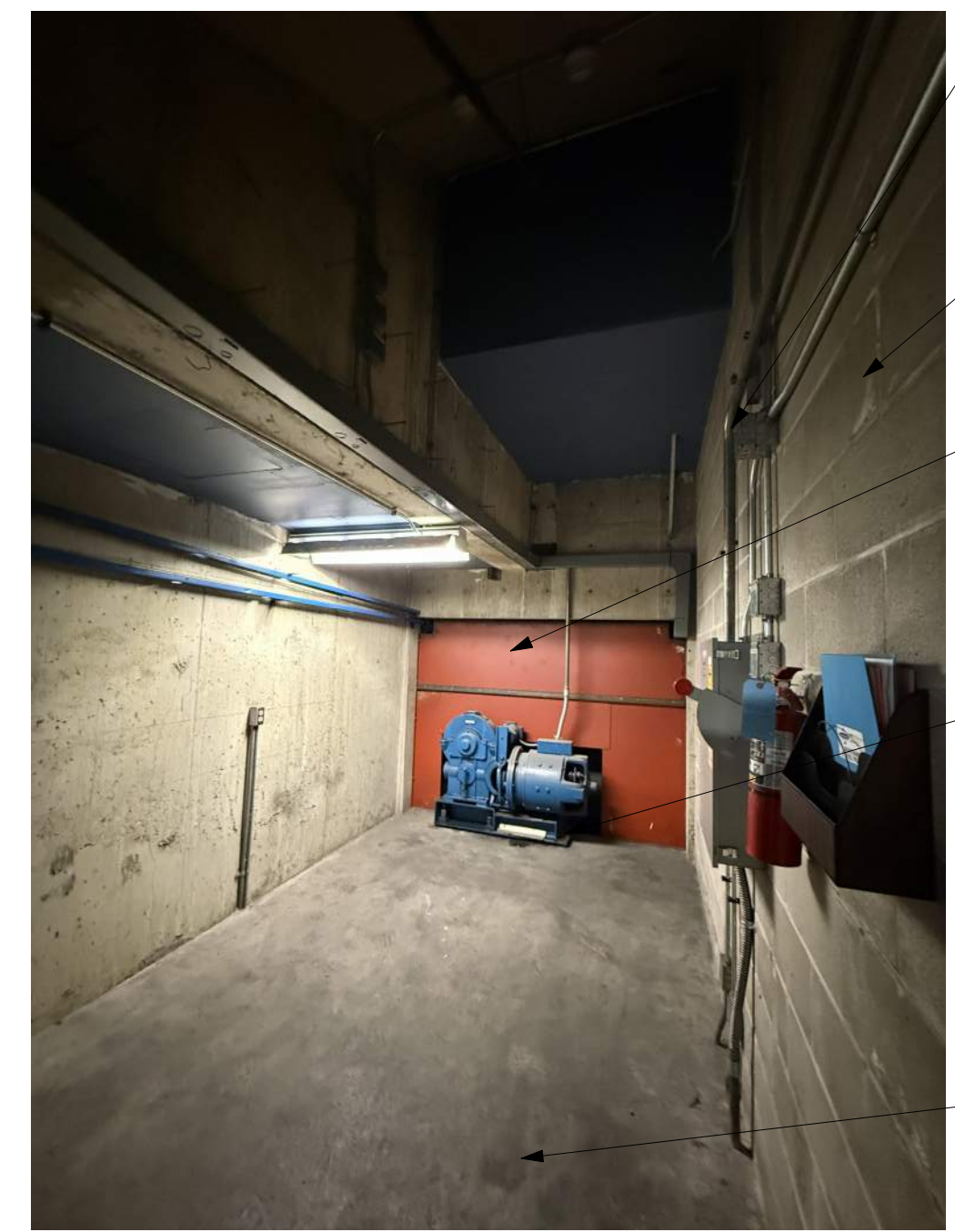
EXISTING SHAFT AND RAILS TO REMAIN - SEE ELEVATOR SPEC FOR ELEVATOR REQUIREMENTS.  
EXISTING COUNTERWEIGHTS - SEE ELEVATOR SPEC FOR ELEVATOR REQUIREMENTS.  
EXISTING VENT SHAFT TO REMAIN - NO WORK.  
SEE ELECTRICAL FOR SHAFT DETECTION REQUIREMENTS.  
PROVIDE NEW COMPLIANT SHAFT LIGHTING - SEE ELECTRICAL.  
GOVERNOR WITH EXTERIOR ROOF ACCESS FOR RESET - SEE ELEVATOR SPEC FOR REQUIREMENTS.

20 IMAGE 32



EXISTING MECHANICAL ROOM IS CONDITIONED / VENTED - SEE MECHANICAL.  
REMOVE AND REPLACE EXISTING ELEVATOR CONTROLLER - SEE ELEVATOR SPEC FOR SPECIFIC REQUIREMENTS.  
REMOVE AND REPLACE EXISTING ELEVATOR MACHINERY - SEE ELEVATOR SPEC FOR SPECIFIC REQUIREMENTS.  
PREP EXISTING FLOOR AS REQUIRED FOR NEW PAINT FINISH - SEE SPECS.

21 IMAGE 33



SEE ELECTRICAL FOR ALL RELAYS TO REMAIN OR BE REUSED. SEE ELECTRICAL / TELECOM FOR REQUIREMENTS.  
REMOVE AND REPLACE EXISTING ELEVATOR CONTROLLER - SEE ELEVATOR SPEC FOR SPECIFIC REQUIREMENTS.  
REMOVE AND REPLACE EXISTING SHAFT PROTECTION AS REQUIRED FOR NEW INSTALL - SEE ELEVATOR SPEC FOR SPECIFIC REQUIREMENTS.  
REMOVE AND REPLACE EXISTING ELEVATOR MACHINERY - SEE ELEVATOR SPEC FOR SPECIFIC REQUIREMENTS.  
PREP EXISTING FLOOR AS REQUIRED FOR NEW PAINT FINISH - SEE SPECS.

22 IMAGE 34



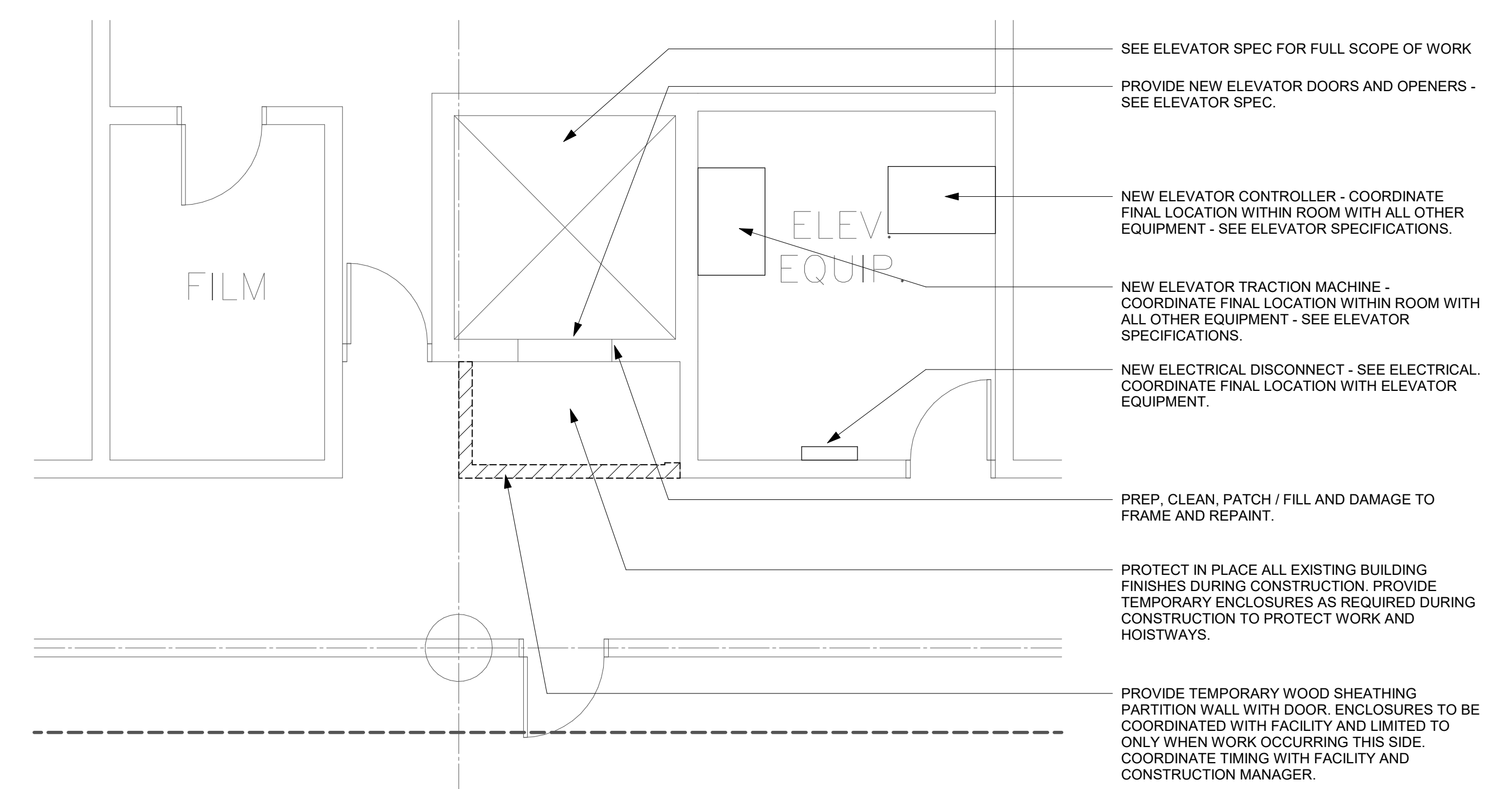
EXTERIOR ACCESS DOOR TO GOVERNOR REST FOR ELEVATORS 4 AND 5.  
ROOF ACCESS LADDER TO GOVERNOR ACCESS DOORS.

23 IMAGE 35

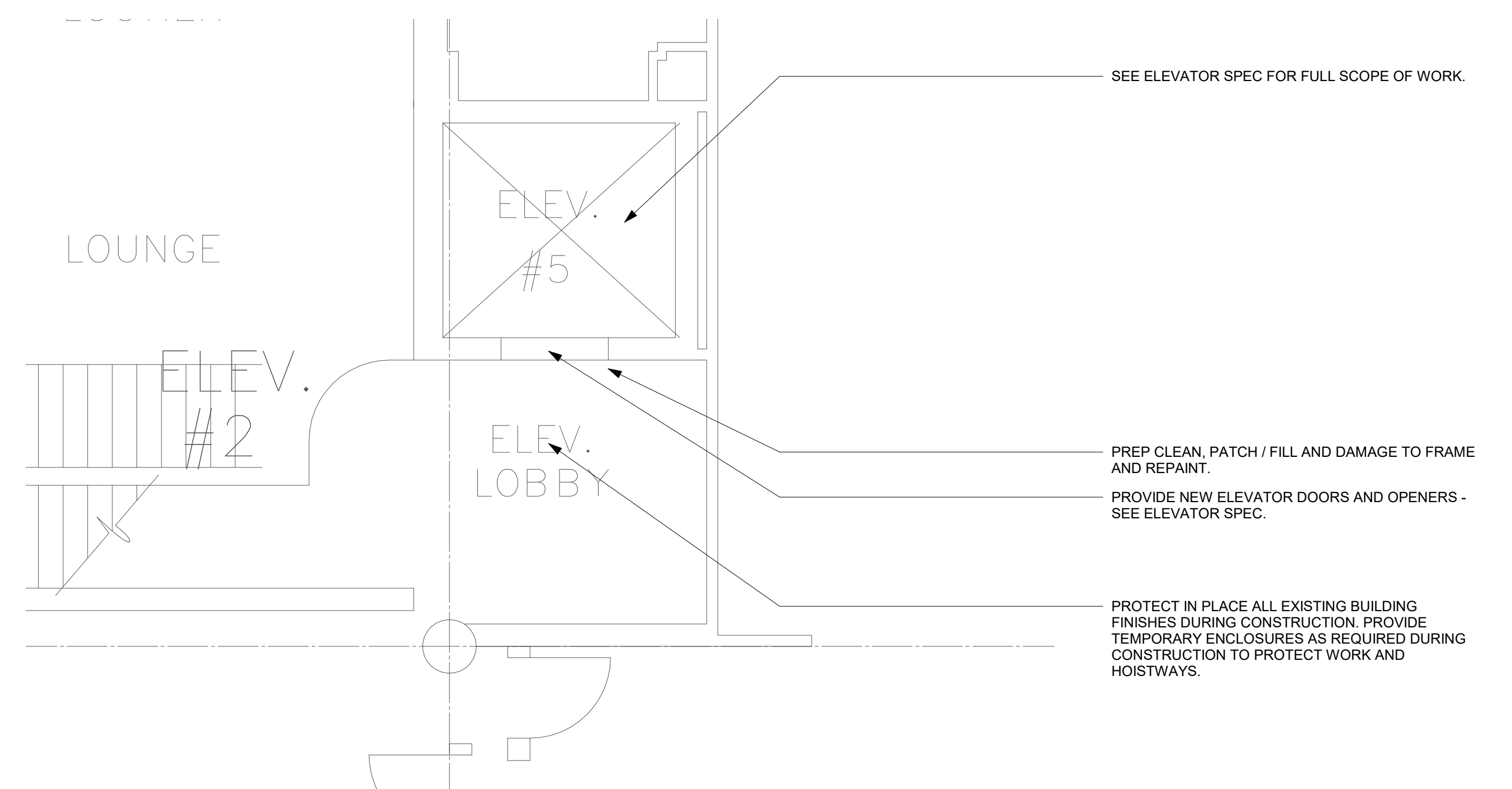


ROOF ACCESS LADDER TO GOVERNOR ACCESS DOORS.  
EXTERIOR ACCESS DOOR TO GOVERNOR REST FOR ELEVATORS 4 AND 5.

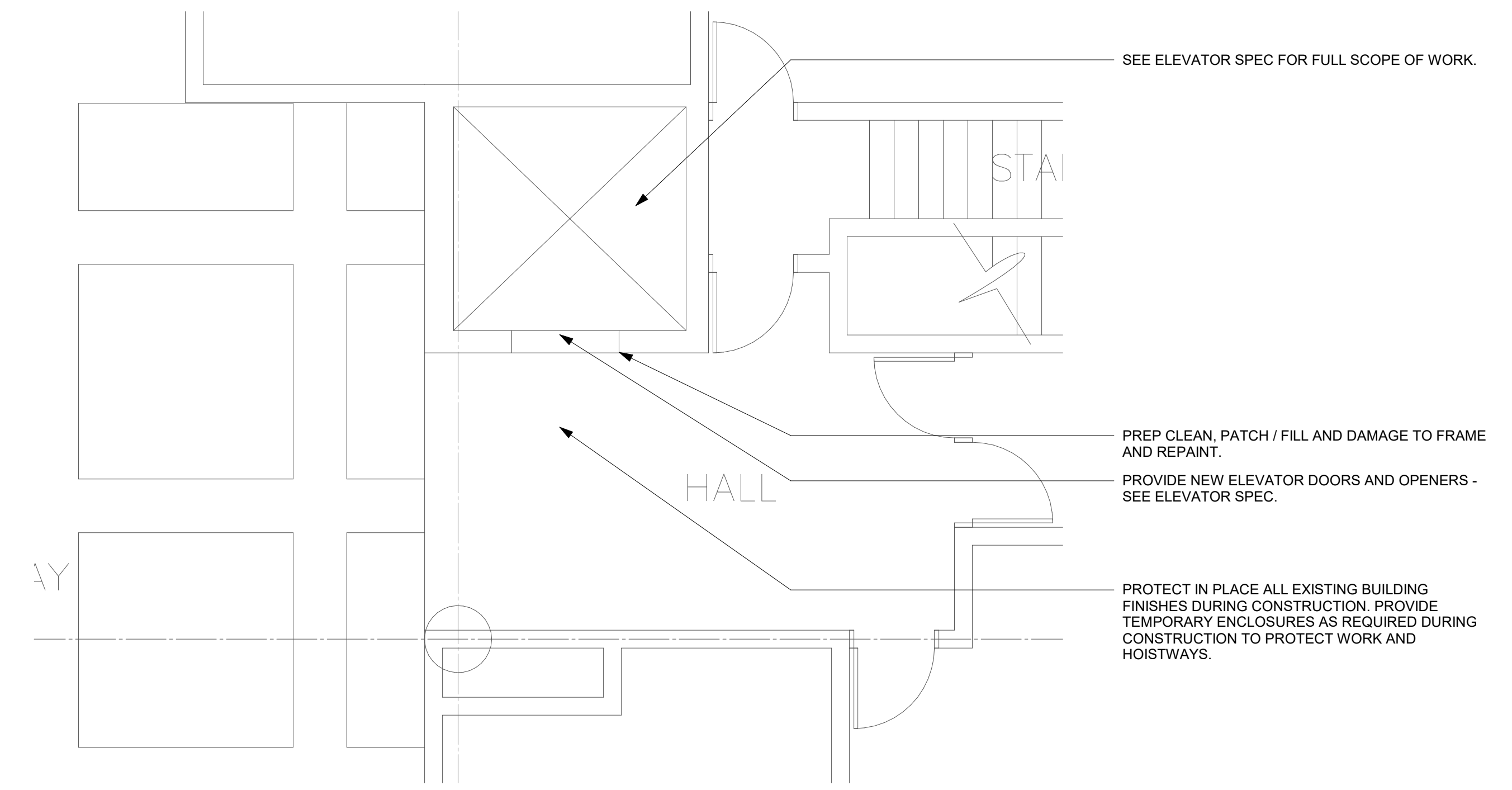
24 IMAGE 36



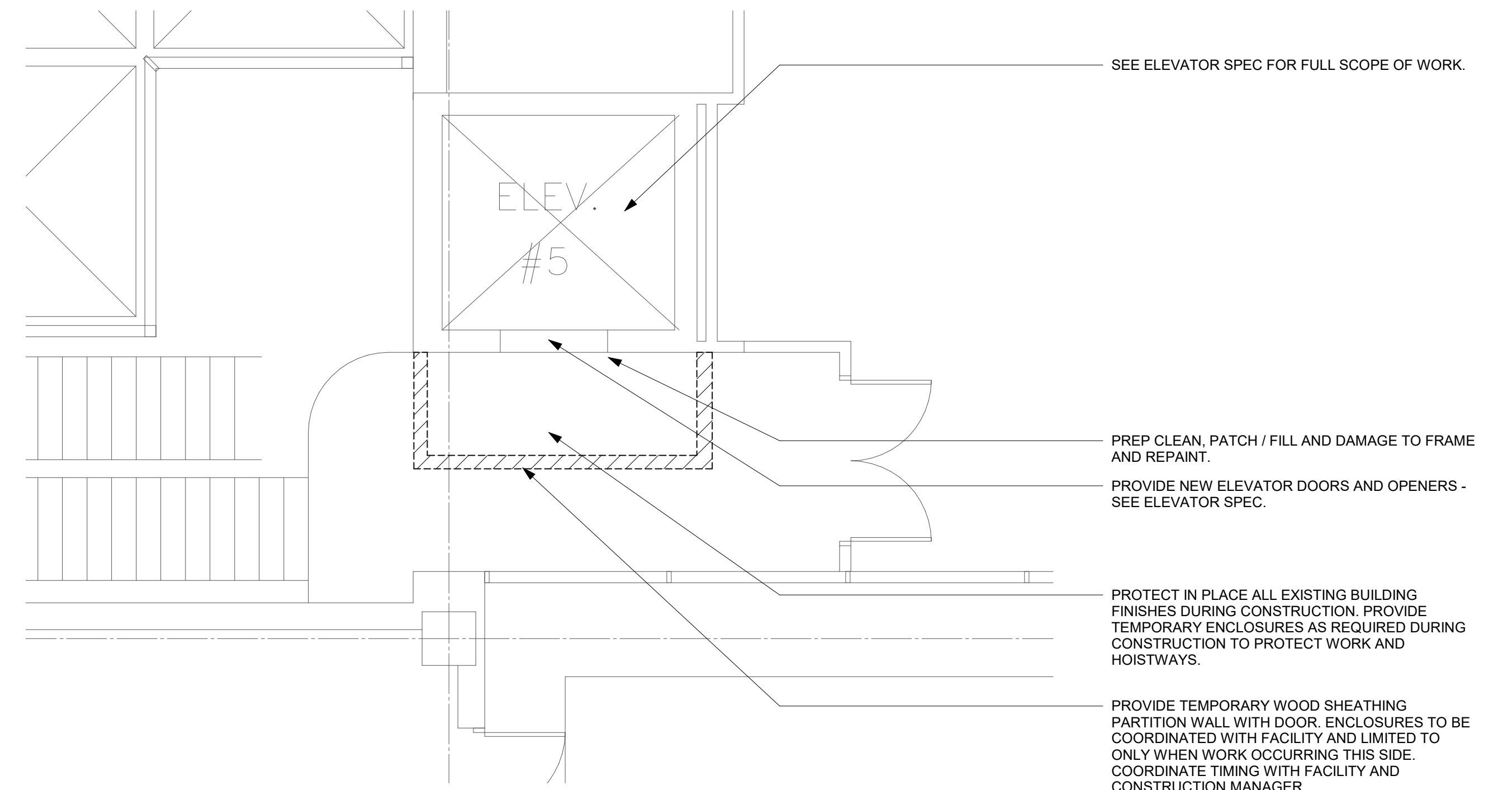
**P1 ENLARGED PLAN - BASEMENT - ELEVATOR 3 (6514)**  
 1/4" = 1'-0"



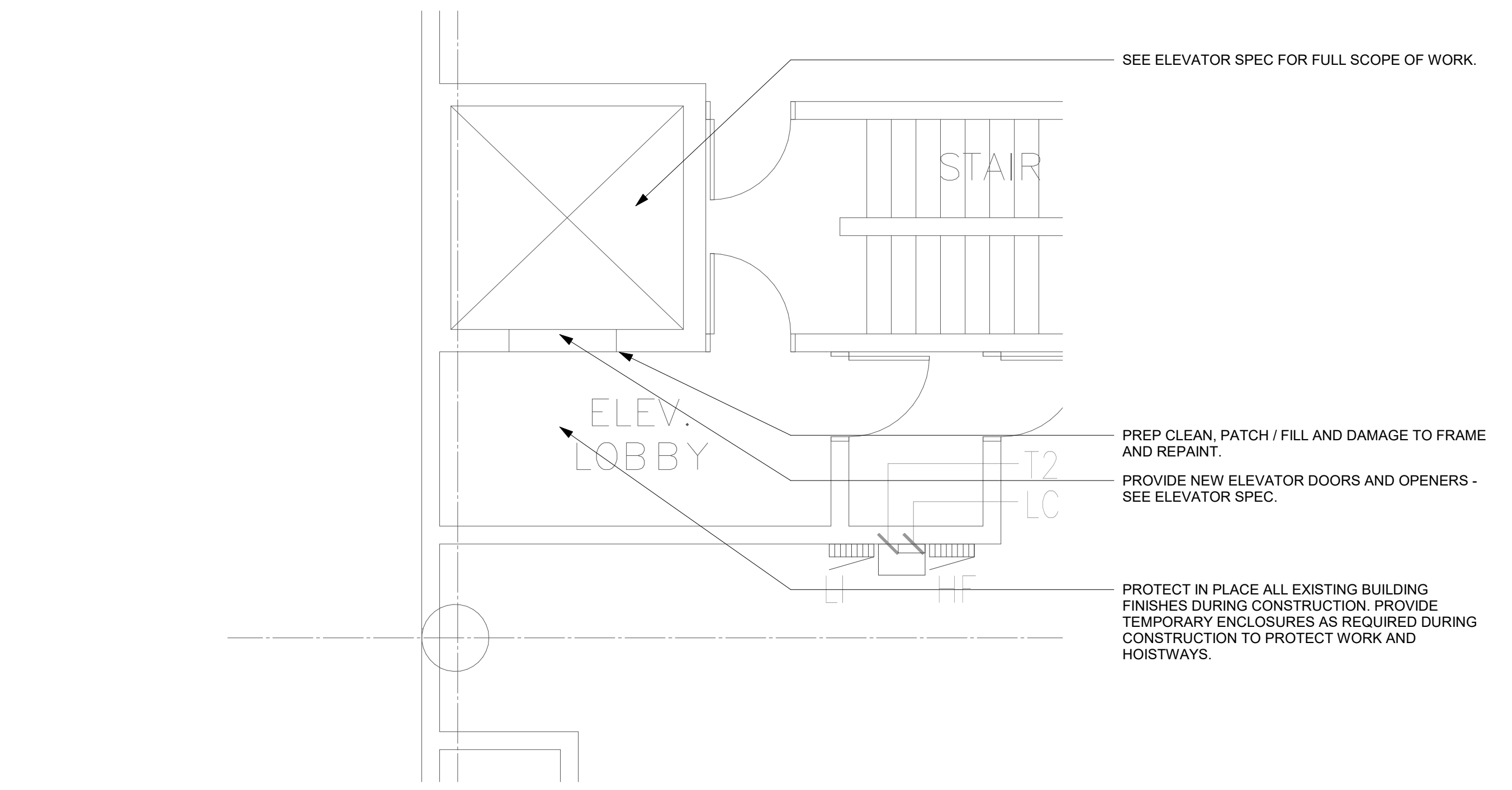
**P12 ENLARGED PLAN - SECOND FLOOR - ELEVATOR 3 (6514)**  
 1/4" = 1'-0"



**H1 ENLARGED PLAN - FIRST FLOOR - ELEVATOR 3 (6514)**  
 1/4" = 1'-0"



**H12 ENLARGED PLAN - THIRD FLOOR - ELEVATOR 3 (6514)**  
 1/4" = 1'-0"



**A1 ENLARGED PLAN - MEZZANINE - EAST - ELEVATOR 3 (6514)**  
 1/4" = 1'-0"

Key Plan

Revision	Description	Date

OPN Project No.  
**25832000**

Sheet Issue Date  
**BID ISSUE SET** 06/10/26

Sheet Name  
**ENLARGED FLOOR PLANS - ELEVATOR 3 (6514)**

Sheet Number  
**A101**

PRINTED: 6/11/2026 6:40:33 AM

- GENERAL NOTES**
- DIMENSIONS ARE MEASURED FACE-OF-FINISH TO FACE-OF-FINISH OR ROUGH MASONRY OPENING UNLESS NOTED OTHERWISE - TYPICAL FOR ALL DRAWINGS.
  - FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS - TYPICAL FOR ALL DRAWINGS.
  - IN THE EVENT OF A DISCREPANCY BETWEEN ARCHITECTURAL AND CONSULTANT DRAWINGS, NOTIFY ARCHITECT IMMEDIATELY PRIOR TO COMMENCING WORK - TYPICAL FOR ALL DRAWINGS.
  - ALL PENETRATIONS IN FIRE RATED FLOORS AND WALLS MUST BE SEALED WITH APPROPRIATE FIRESTOPPING SYSTEM.
  - PATCH AND REPAIR EXISTING FLOOR SLABS AND WALL SURFACES DAMAGED FROM DEMOLITION.

State of Iowa - 9440.01  
109 SE 13TH STREET  
DES MOINES, IA 50319

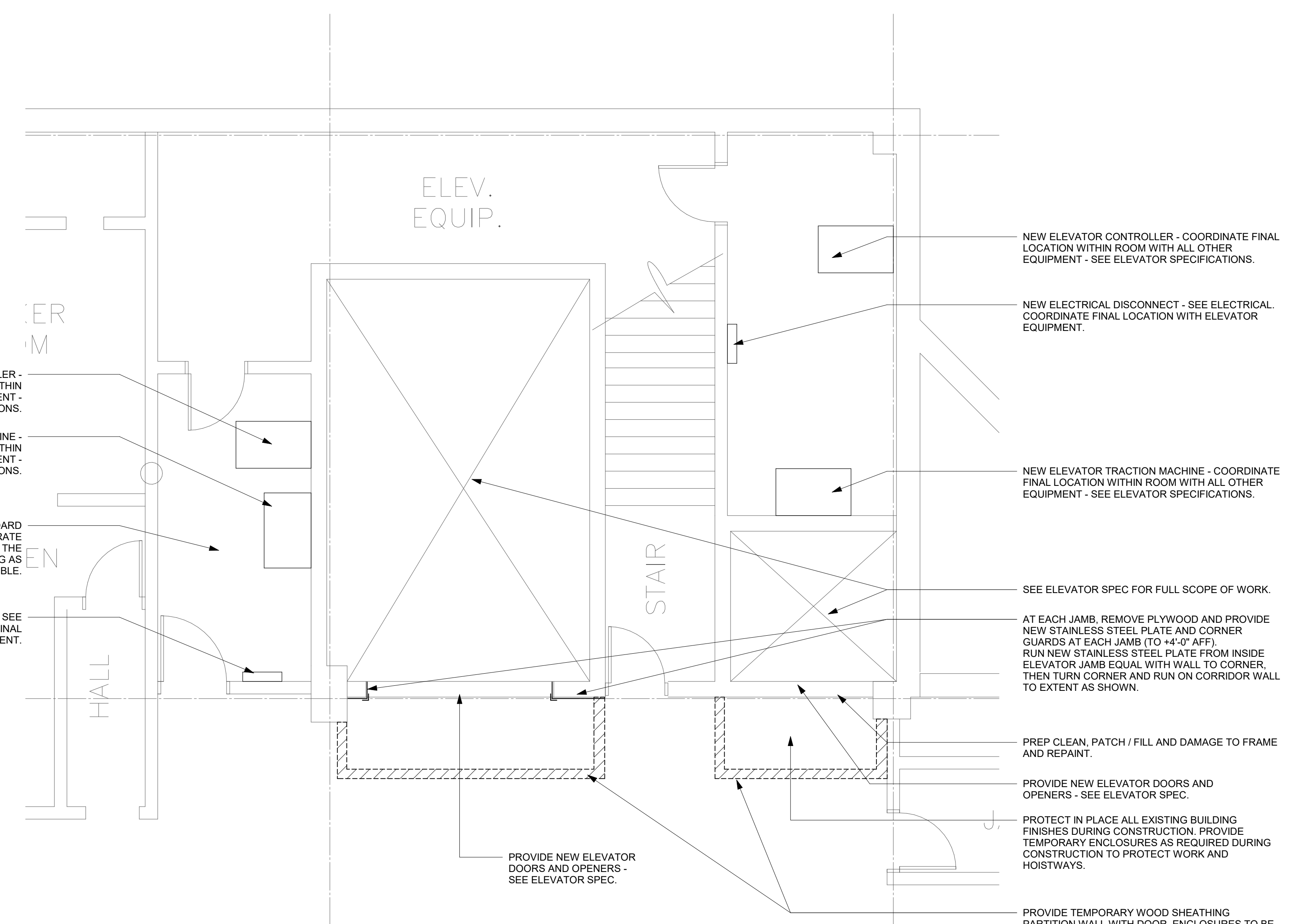
Project  
**STATE HISTORICAL BUILDING ELEVATOR REPLACEMENTS**  
600 E LOCUST STREET  
DES MOINES, IA 50319

CONSTRUCTION MANAGER  
**DCI GROUP**  
220 SE 6TH STREET, SUITE 200  
DES MOINES, IA 50309

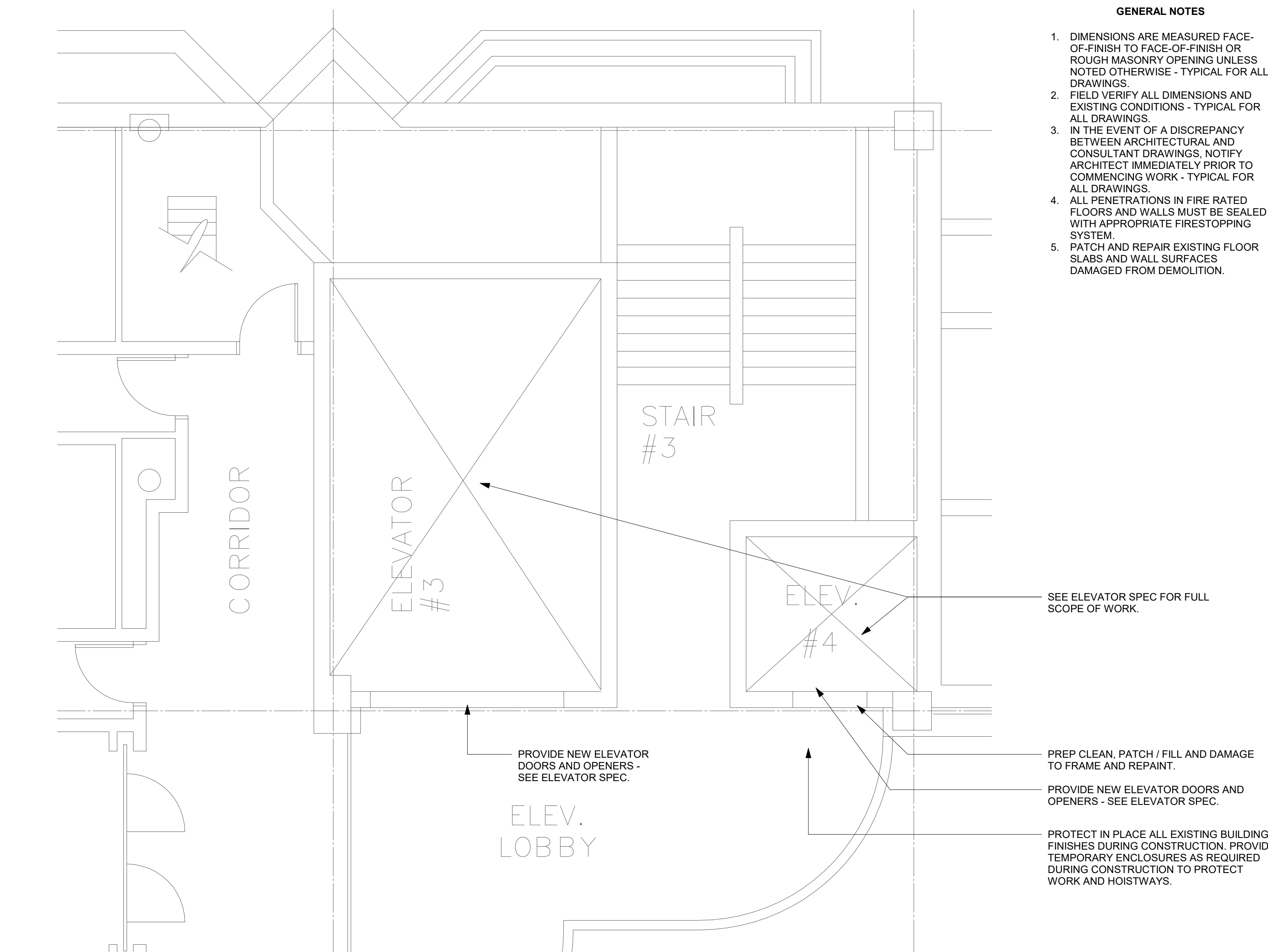
ELEVATOR CONSULTANT  
**LERCH BATES**  
7625 GOLDEN TRIANGLE DRIVE,  
SUITE T  
EDEN PRAIRIE, MN 55344

Mechanical Engineer  
**KCL ENGINEERING**  
300 4TH STREET  
WEST DES MOINES, IA 50317

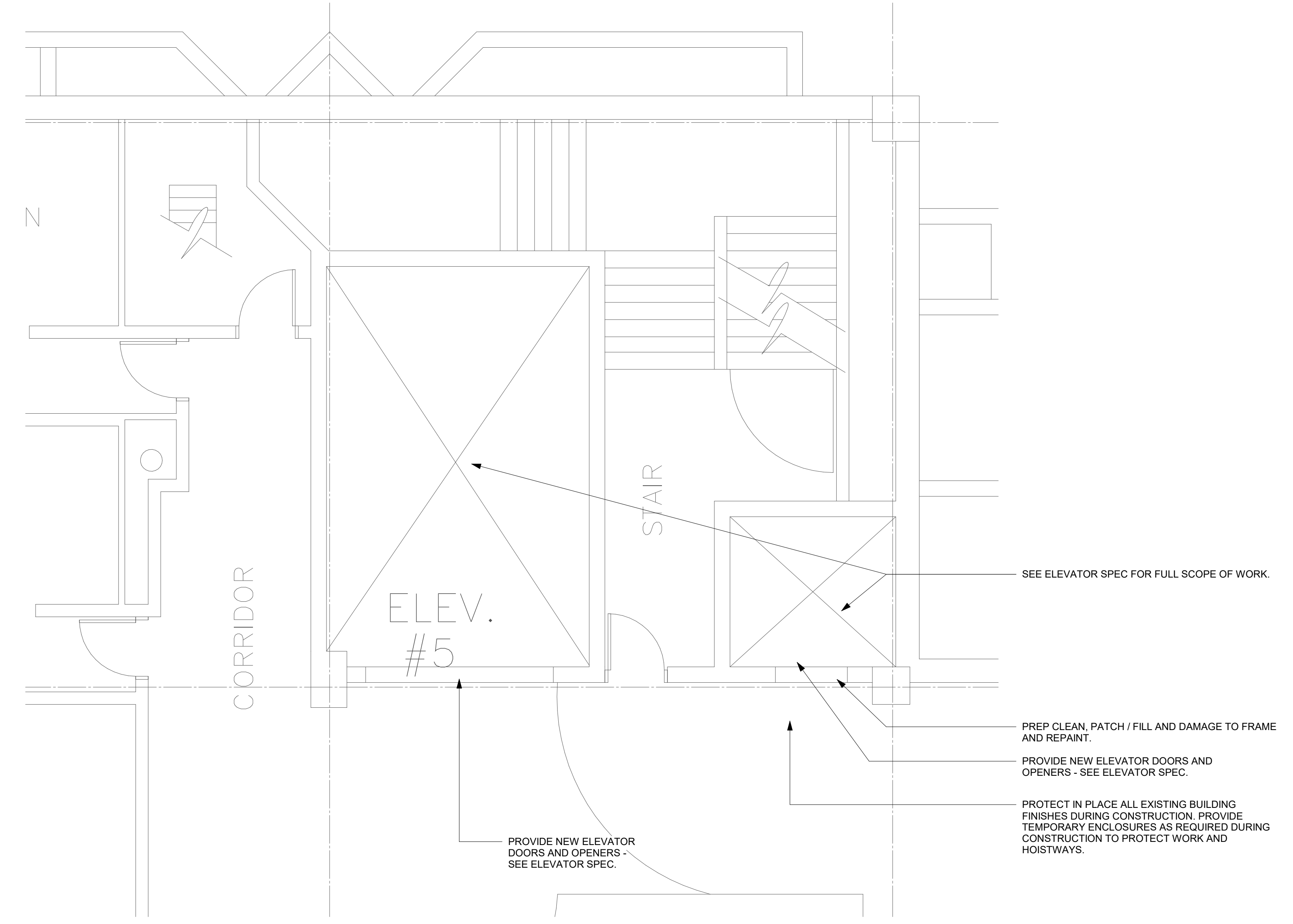
Electrical Engineer  
**KCL ENGINEERING**  
300 4TH STREET  
WEST DES MOINES, IA 50317



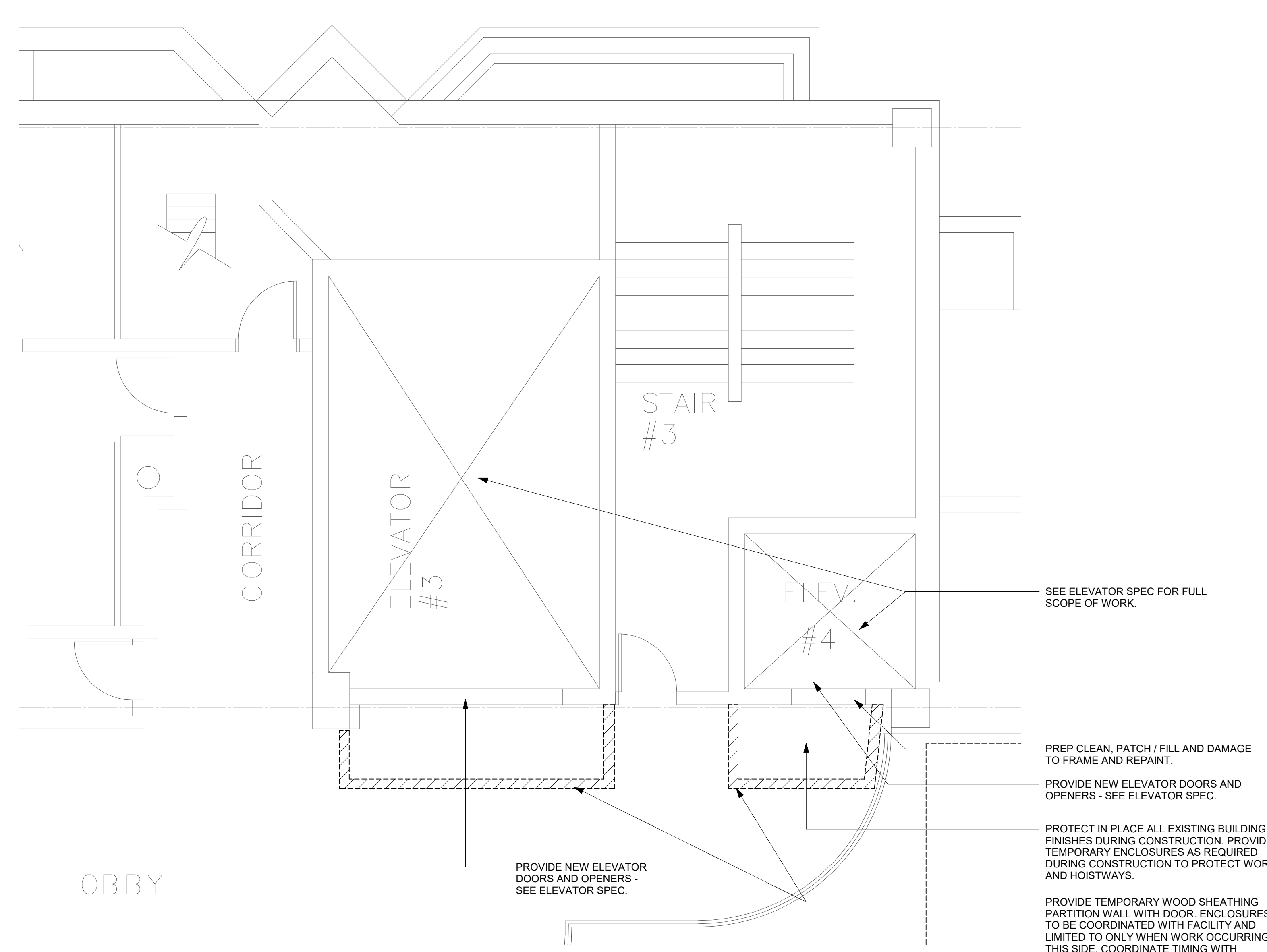
**L2 ENLARGED PLANS - BASEMENT - ELEVATOR 4 (6512) / ELEVATOR 5 (6513)**  
1/4" = 1'-0"



**L15 ENLARGED PLAN - SECOND FLOOR - ELEVATOR 4 (6512) / ELEVATOR 5 (6513)**  
1/4" = 1'-0"



**A1 ENLARGED PLAN - FIRST FLOOR - ELEVATOR 4 (6512) / ELEVATOR 5 (6513)**  
1/4" = 1'-0"



**A15 ENLARGED PLAN - THIRD FLOOR - ELEVATOR 4 (6512) / ELEVATOR 5 (6513)**  
1/4" = 1'-0"

Key Plan

Revision	Description	Date

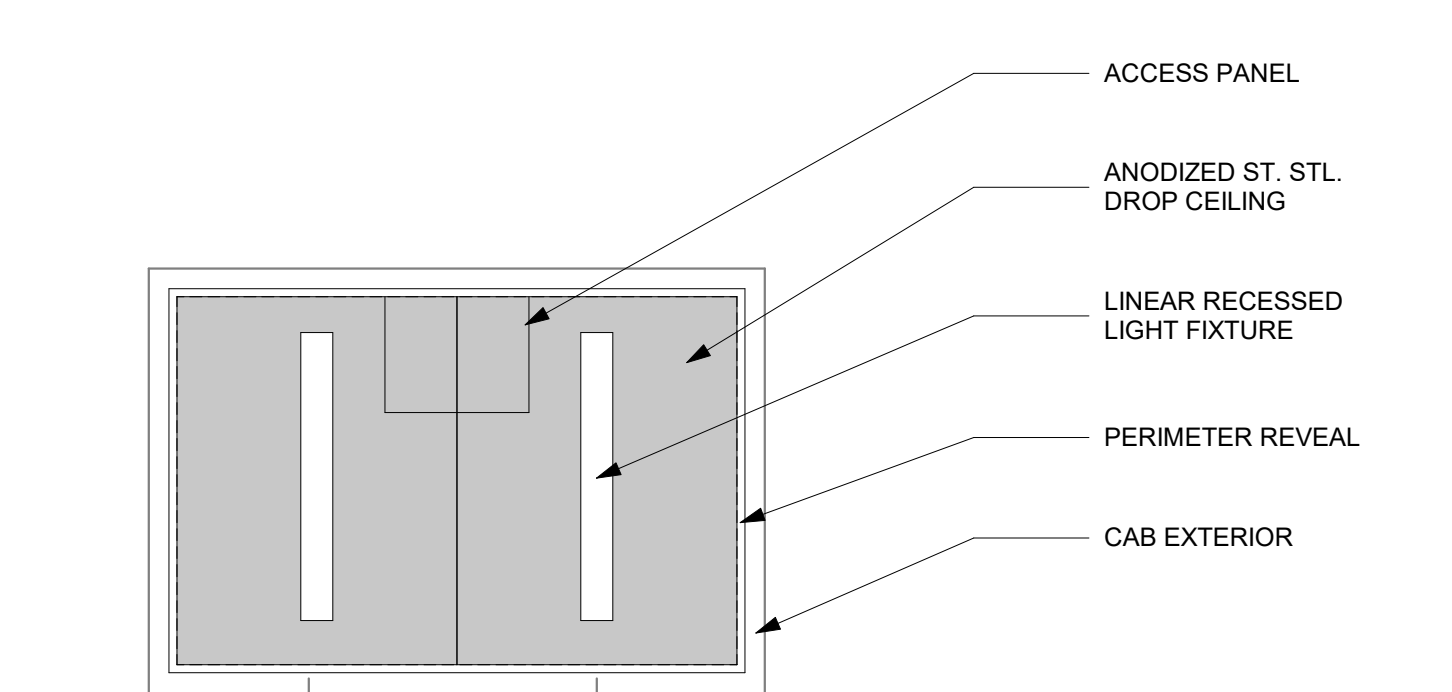
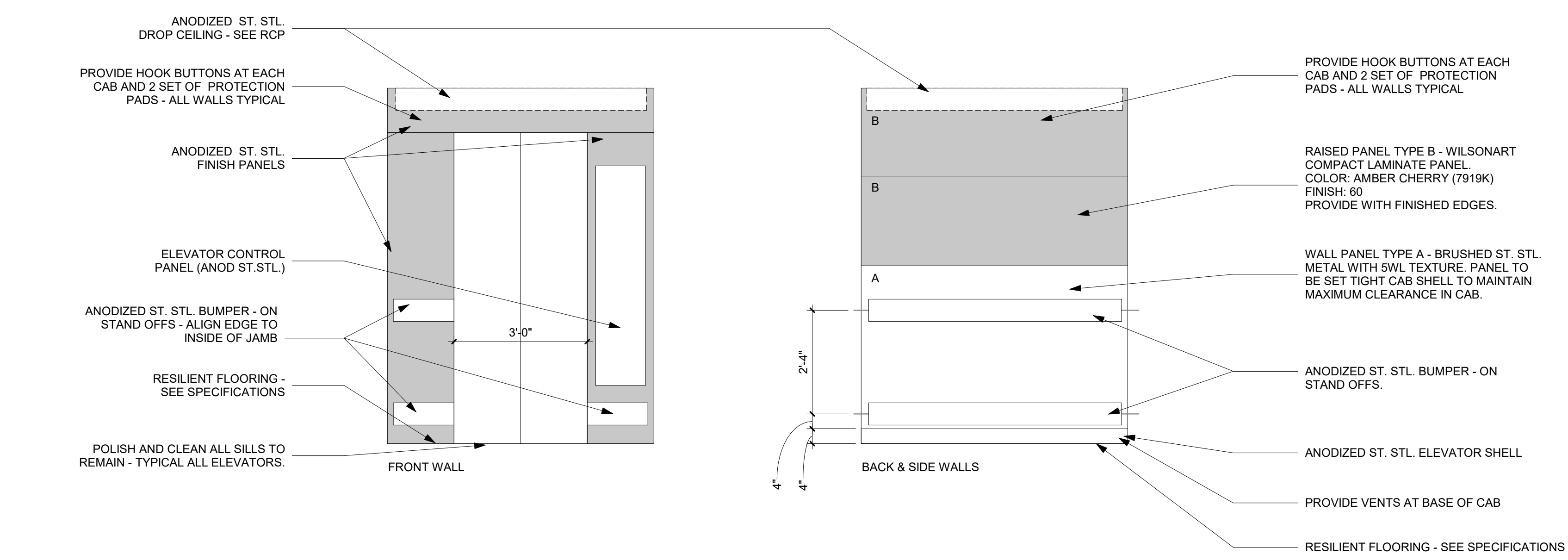
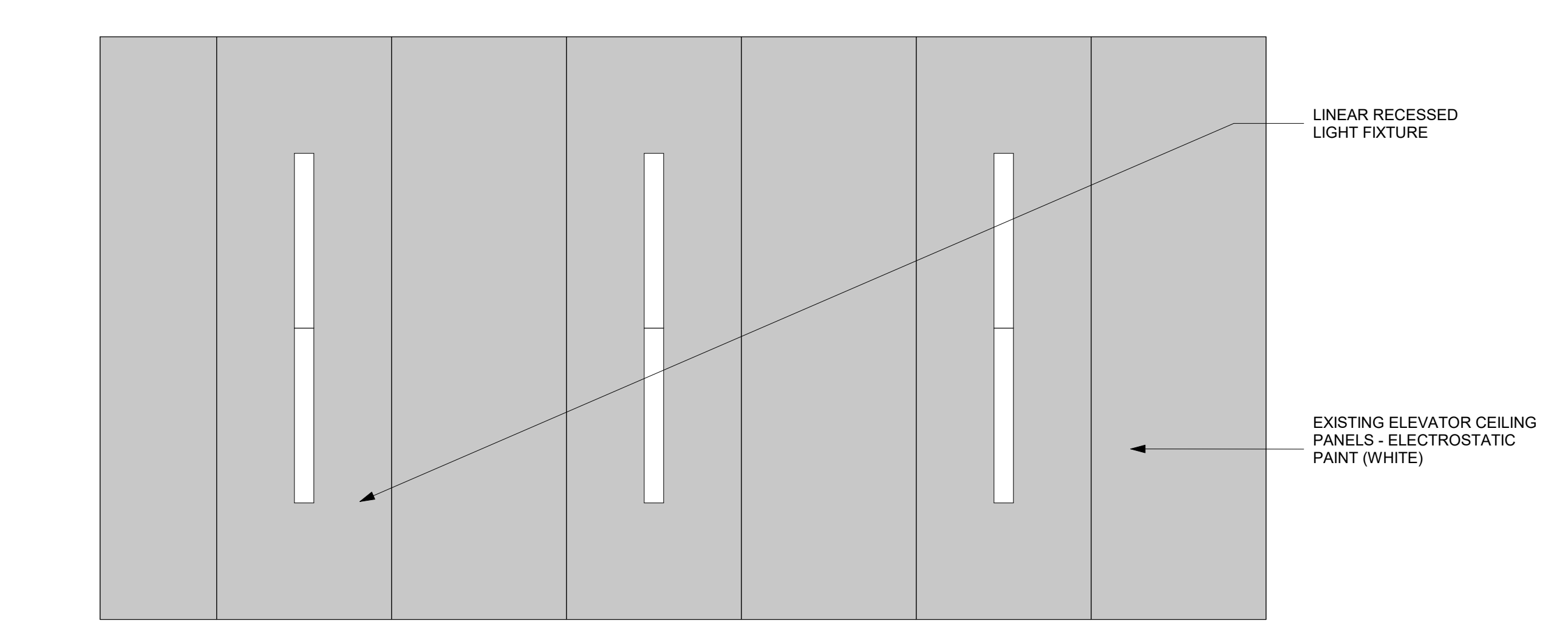
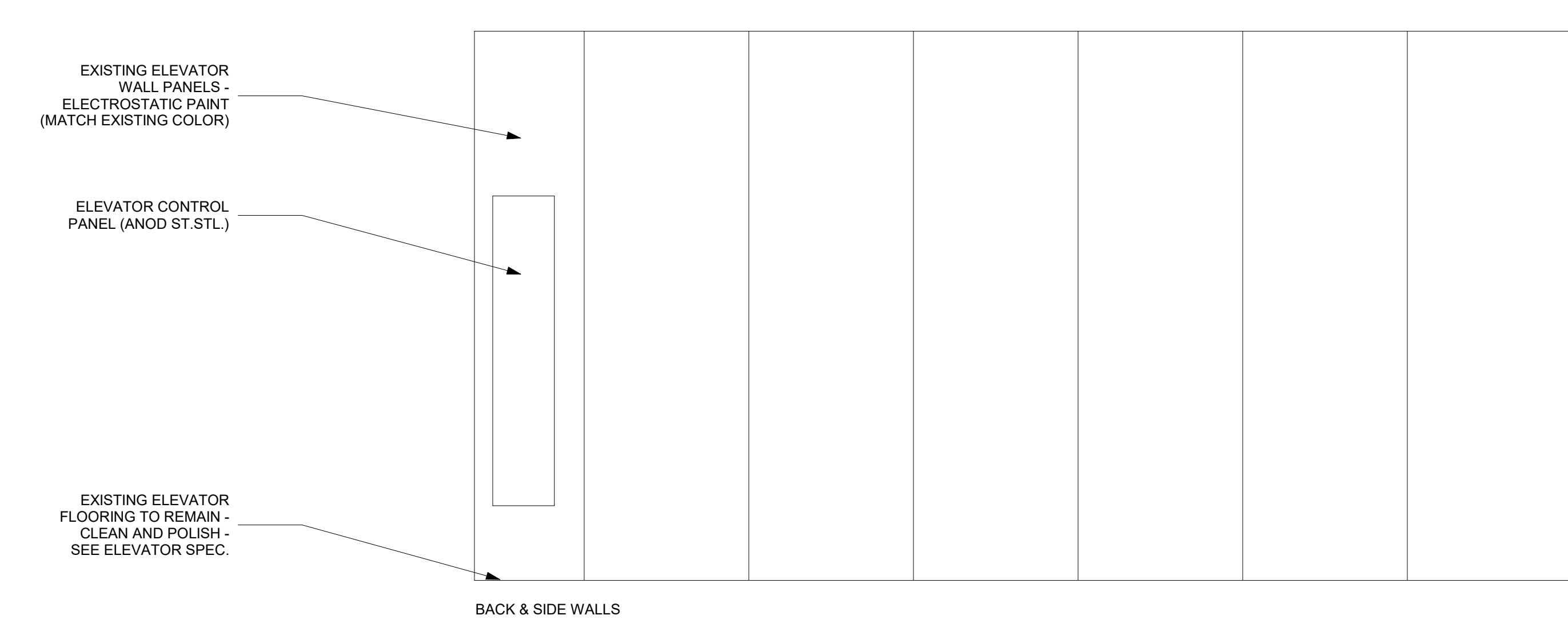
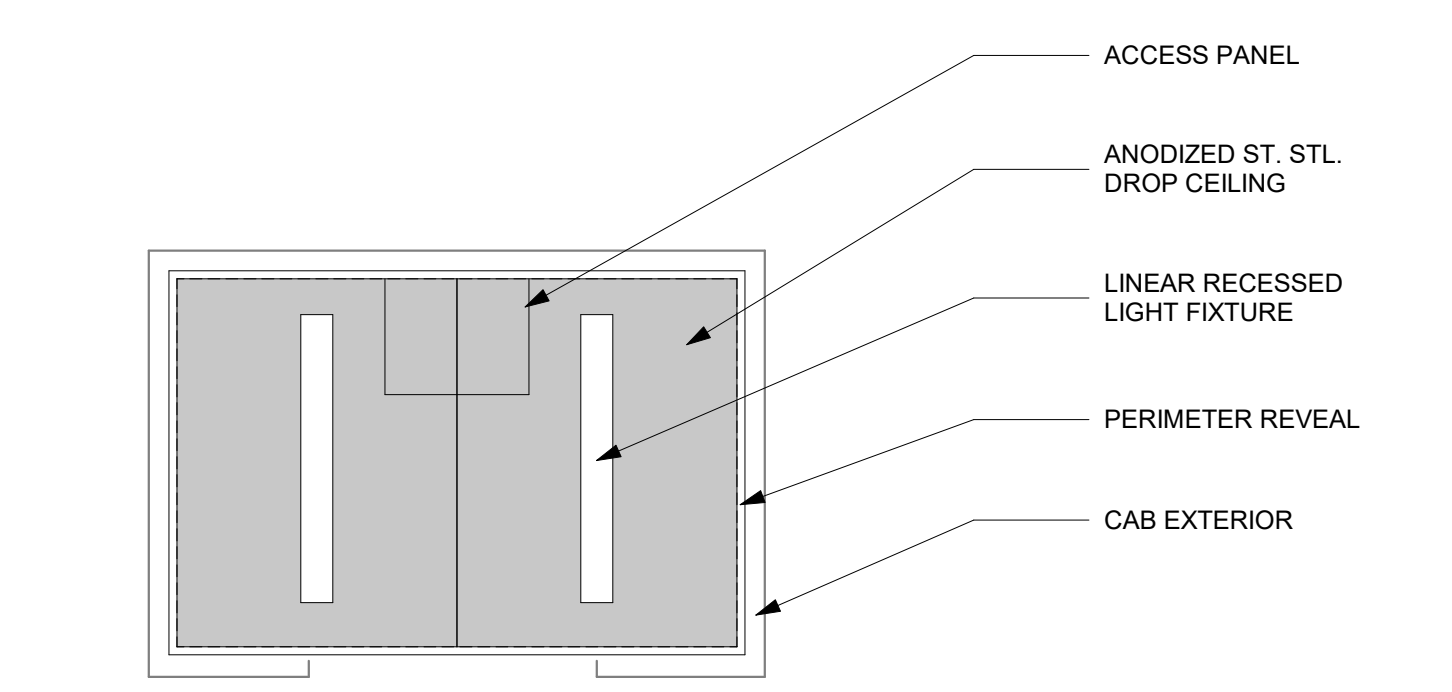
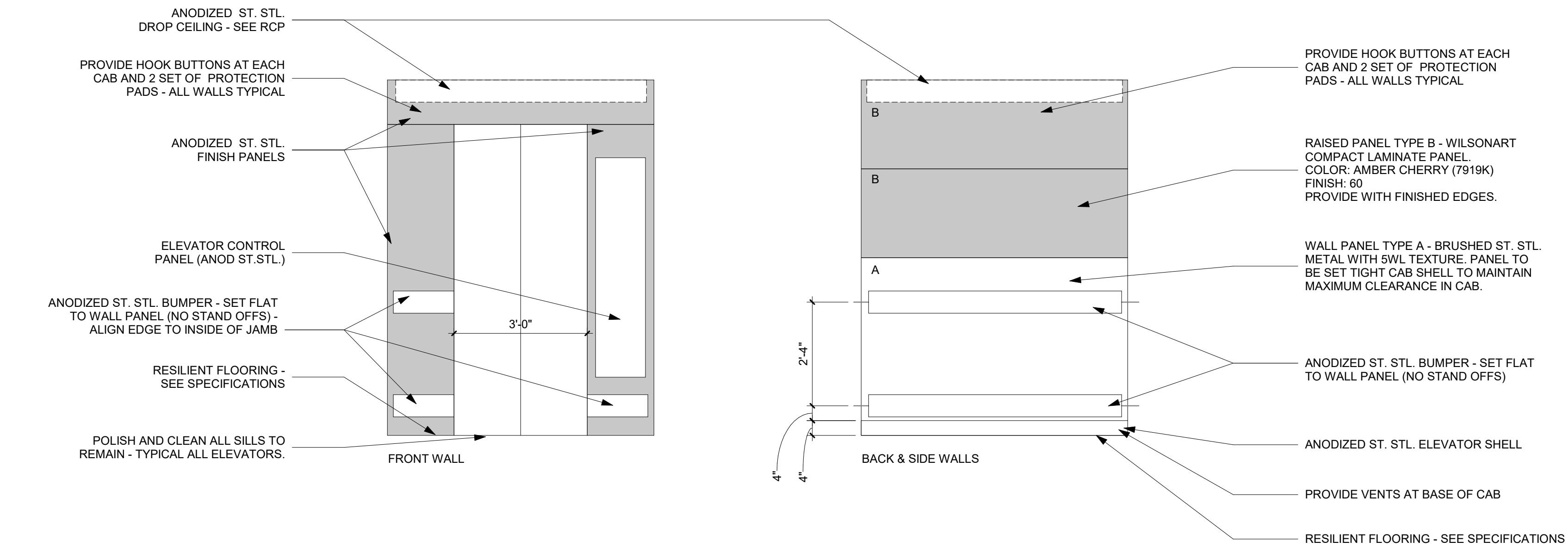
OPN Project No.  
**25832000**

Sheet Issue Date  
**BID ISSUE SET** 06/10/26

Sheet Name

**ENLARGED FLOOR PLANS - ELEVATOR 4 (6512) / ELEVATOR 5 (6513)**

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**MECHANICAL - GENERAL NOTES**

- COORDINATE MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. BEGIN INSTALLATION AND ROUGH-IN AFTER COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION IS COMPLETE. COORDINATE BUILDING STRUCTURE, ARCHITECTURAL ASSEMBLIES, SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR REWORK ASSOCIATED WITH FAILURE TO COORDINATE.
- INCORPORATE MECHANICAL SPECIFICATIONS, DRAWINGS, STATE AND LOCAL CODES, AND OWNER STANDARDS INTO WORK.
- EACH TRADE IS RESPONSIBLE FOR MAKING PENETRATIONS WHERE REQUIRED IN EXISTING WALLS, FLOORS, CEILINGS, AND ROOFS. MAKE PENETRATIONS NEAT, PATCH, CONCEAL, OR CAULK OVERCUT.
- COVER EXPOSED WALL PENETRATIONS WITH ESCUTCHEONS OR SHEET METAL AS APPROPRIATE.
- CAULK ALL CONCEALED AND EXPOSED PIPING AND DUCT WALL PENETRATIONS TO PREVENT NEAT TRANSFER BETWEEN SPACES.
- ON COMPLETION OF THE INSTALLATION, COOPERATE WITH THE OWNER TO PROVIDE TESTING, ADJUSTING, AND BALANCING TO OBTAIN PROPER OPERATION OF ALL EQUIPMENT AND SYSTEMS. PROVIDE ALL FACILITIES AND EQUIPMENT AND COMPLETE ALL TESTS REQUIRED FOR ADJUSTMENTS AND BALANCING TO ESTABLISH THE PROPER PERFORMANCE OF EQUIPMENT.

**MECHANICAL - DEMOLITION NOTES**

- MECHANICAL DEMOLITION DRAWINGS SHOWING EXISTING CONDITIONS HAVE BEEN PREPARED BASED ON NON-DESTRUCTIVE FIELD OBSERVATION AND AS-BUILT DRAWINGS PROVIDED BY THE OWNER. FIELD VERIFY EXISTING SYSTEMS BEFORE BEGINNING WORK. NOTIFY ARCHITECT/ENGINEER IF EXISTING CONDITIONS ARE MATERIALLY DIFFERENT THAN THOSE SHOWN ON THE PLANS.
- BE FAMILIAR WITH EXISTING MECHANICAL SYSTEMS THAT WILL BE AFFECTED BY THE DEMOLITION WORK. OBTAIN PERMISSION FROM THE OWNER'S REPRESENTATIVE TO SHUT OFF SERVICES OR SYSTEMS THAT AFFECT AREAS BEYOND THE LIMITS OF THE IMMEDIATE DEMOLITION AREA. INFORM THE OWNER'S REPRESENTATIVE OF THE REASON FOR AND DURATION OF THE SHUTDOWN. MINIMIZE IMPACT TO OTHER AREAS. PROCEED WITH THE SHUT-DOWN AFTER PERMISSION FROM THE OWNER IS GRANTED.
- REMOVE PIPING, HANGERS, DUCTWORK, GRILLES, REGISTERS, DIFFUSERS, ETC. THAT ARE INDICATED TO BE REMOVED IN A TIMELY MANNER IN ACCORDANCE WITH THE GENERAL DEMOLITION SPECIFICATIONS. COORDINATE WITH THE OWNER AND OTHER CONTRACTORS.

MECHANICAL SCOPE: EXTEND EXISTING SIEMENS CONTROL SYSTEM AS REQUIRED FOR ADDITIONAL SENSORS IN ELEVATOR EQUIPMENT MACHINE ROOMS.

**H.V.A.C. / DUCTWORK SYMBOLS**

	VOLUME DAMPER
	FIRE DAMPER
	SMOKE DAMPER
	FIRE/SMOKE DAMPER
	MOTORIZED ACTUATOR
	THERMOSTAT
	CARBON MONOXIDE SENSOR
	HUMIDISTAT

**ELECTRICAL ABBREVIATIONS**

A	DEVICE MOUNTED +8" ABOVE COUNTER TOP (VERIFY LOCATION)	NIC	NOT IN CONTRACT
AFF	ABOVE FINISHED FLOOR	NM	NONMETALLIC
ATS	AUTOMATIC TRANSFER SWITCH	NTS	NOT TO SCALE
C	CEILING	OC	ON CENTER
CB	CIRCUIT BREAKER	OFI	OWNER FURNISHED
CT	CURRENT TRANSFORMER	OFI	OWNER FURNISHED
E	EXISTING ITEM TO REMAIN	OWI	OWNER INSTALLED
EC	ELECTRICAL CONTRACTOR	PC	CONTRACTOR INSTALLED
EM	EMERGENCY LIGHT FIXTURE	RR	EXISTING ITEM TO BE REMOVED AND RELOCATED
F	NEW LOCATION OF EXISTING ITEM	RN	REPLACED WITH NEW
FAAP	FIRE ALARM ANNUNCIATOR PANEL	SCCR	SHORT CIRCUIT CURRENT RATING
FACP	FIRE ALARM CONTROL PANEL	T	TAMPER PROOF DEVICE
FSD	FIRE SMOKE DAMPER	TCC	TEMPERATURE CONTROL CONTRACTOR
G	GROUND FAULT CIRCUIT INTERRUPTER	TV	TELEVISION
GND	GROUND	TYP	TYPICAL
KVA	KILO-VOLT-AMPERES	UPS	UNINTERRUPTIBLE POWER SUPPLY
KW	KILOWATTS	V	VOLTS
MC	MECHANICAL CONTRACTOR	VA	VOLT-AMPERES
MCB	MAIN CIRCUIT BREAKER	WG	WIREGUARD COVER
MDP	MAIN DISTRIBUTION PANEL	WP	WEATHERPROOF DEVICE
MLO	MAIN LUGS ONLY	WR	WEATHER RESISTANT DEVICE
N	NEW DEVICE IN EXISTING LOCATION	*24"	INDICATES MOUNTING HEIGHT CENTER LINE OF DEVICE TO FINISHED FLOOR

**GENERAL NOTES - ELECTRICAL**

- COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. BEGIN INSTALLATION AND ROUGH-IN ONLY AFTER PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION IS COMPLETE. COORDINATE WITH BUILDING STRUCTURE, ARCHITECTURE, MECHANICAL SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, EQUIPMENT ACCESS/CLEARANCE, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR REWORK OF INSTALLED EQUIPMENT RESULTING FROM INSUFFICIENT COORDINATION.
- ELECTRICAL DRAWINGS ARE ONLY A PORTION OF THE COMPLETE SET OF PLANS AND CONTRACT DOCUMENTS. THE ELECTRICAL SCOPE OF WORK IS DEFINED BY THE COMPLETE SET OF CONTRACT DOCUMENTS. THIS INCLUDES BUT IS NOT LIMITED TO REFERENCING ARCHITECTURAL PLANS FOR DIMENSIONS AND DETAILS; EQUIPMENT PLANS FOR ROUGH-IN REQUIREMENTS; MECHANICAL PLANS FOR EQUIPMENT SIZES AND LOCATIONS.

**INSTALLATION NOTES - ELECTRICAL**

- INCREASE CONDUCTOR SIZES ON 20A 120V-1 PHASE CIRCUITS EXCEEDING 100 FEET TO CENTER OF LOAD TO ACCOUNT FOR VOLTAGE DROP.
- RACEWAYS AND BOXES ARE SHOWN DIAGRAMMATICALLY ONLY AND INDICATE GENERAL AND APPROXIMATE LOCATIONS. LAYOUTS DO NOT ALWAYS SHOW THE TOTAL NUMBER OF RACEWAYS OR BOXES FOR THE CIRCUITS REQUIRED. NOR ARE THE LOCATIONS OF INDICATED RUNS INTENDED TO SHOW THE ACTUAL ROUTING OF THE RACEWAYS.
- LIGHT FIXTURES, SWITCHES, DEVICES, ETC. ARE SHOWN IN PREFERRED LOCATION. MODIFY CONDUIT, HANGERS, CIRCUITING, ETC. TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.
- PROVIDE A DEDICATED GREEN INSULATED GROUND CONDUCTOR TO ALL DEVICES. DO NOT USE CONDUIT SYSTEM AS THE ONLY EQUIPMENT GROUNDING METHOD.
- PROVIDE TYPED PANEL DIRECTORY AT PROJECT COMPLETION FOR NEW PANELS AND EXISTING PANELS WITH CIRCUITS MODIFIED DURING PROJECT. USE OWNER'S CURRENT ROOM NUMBERS AND EQUIPMENT NAMES. PROVIDE UNIQUE CIRCUIT IDENTIFICATION PER NEC 408.4(A)
- CONTRACTOR IS RESPONSIBLE FOR OPENINGS IN WALLS, FLOORS, CEILINGS, AND ROOFS THAT ARE REQUIRED TO COMPLETE THEIR SCOPE OF WORK. SEAL PENETRATIONS IN ACCORDANCE WITH THE RATING OF THE AFFECTED ASSEMBLY. REFER TO ARCHITECTURAL CODE PLAN FOR RATED WALLS, FLOORS, AND CEILINGS.

**CODE NOTES - ELECTRICAL**

- PROVIDE ELECTRICAL INSTALLATION IN ACCORDANCE WITH STATE CODES.
- THE CURRENT ADOPTED EDITION OF THE ELECTRICAL CODE IS THE STANDARD FOR THE ELECTRICAL INSTALLATION. VERIFY WITH STATE OFFICIALS WHEN PERMITS ARE OBTAINED. NOTIFY DESIGN TEAM OF ANY DISCREPANCIES BETWEEN THE PROJECT MANUAL OR DRAWINGS AND THE GOVERNING CODE.
- INSTALLATION SHALL FOLLOW REQUIREMENTS OF THE ADAAG - AMERICANS WITH DISABILITIES ACT.
- REFER TO PROJECT MANUAL AND PROJECT CODE REVIEW SHEET FOR LIST OF APPLICABLE CODES.
- PER NEC EVERY CIRCUIT AND CIRCUIT MODIFICATION SHALL BE LEGIBLY IDENTIFIED AS TO ITS CLEAR, EVIDENT AND SPECIFIC PURPOSE OR USE. CONTRACTOR TO PROVIDE FINAL CIRCUIT IDENTIFICATION FOR ALL NEW AND MODIFIED CIRCUITS AT PROJECT COMPLETION.

**DEVICE INSTALLATION AND MATERIALS - ELECTRICAL**

- PROVIDE NORMAL WIRING DEVICES AS **GRAY** UNLESS OTHERWISE NOTED.
- PROVIDE EMERGENCY WIRING DEVICES AS **ORANGE** UNLESS OTHERWISE NOTED.
- PROVIDE DEVICES COVER PLATES AS **STAINLESS STEEL**. MATCH WIRING DEVICES COLOR.
- PROVIDE GFCI TYPE RECEPTACLES AT ALL LOCATIONS REQUIRED BY THE NEC.
- INSTALL ABOVE COUNTERTOP RECEPTACLES +8" ABOVE COUNTERTOP OR AS OTHERWISE INDICATED.
- AT A COMMON COUNTERTOP, INSTALL ALL RECEPTACLES AND SWITCHES AT THE SAME HEIGHT UNLESS OTHERWISE SPECIFICALLY INDICATED.

**FIRE DETECTION & ALARM NOTES**

- INSTALL HEAT DETECTORS IN WORK AREAS DURING CONSTRUCTION TO MINIMIZE FALSE TRIPS. INSTALL PERMANENT DETECTORS IN LOCATIONS SHOWN UPON CONSTRUCTION COMPLETION.
- INSTALL MODULES AT ELEVATOR EQUIPMENT TO PROVIDE PRIMARY RECALL, SECONDARY RECALL, FIRE HAT AND SHUNT TRIP. PROVIDE PROGRAMMING AS NECESSARY FOR FUNCTION SYSTEM.
- FIRE ALARM ITEMS AND DEVICES ARE SHOWN IN SUGGESTED LOCATIONS. FINAL LAYOUTS, LOCATIONS, AND QUANTITIES SHALL BE IN ACCORDANCE WITH APPLICABLE CODES, MANUFACTURER'S RECOMMENDATIONS, AND EQUIPMENT LISTINGS. COORDINATE LOCATIONS WITH LIGHTING AND AIR HANDLING SYSTEMS.
- ALL FIRE ALARM CIRCUITRY IN EXPOSED CEILING SPACES SHALL BE IN 3/4" CONDUIT PER SPECIFICATIONS. EXPOSED CABLING SHALL NOT BE ACCEPTED.
- ALL CONCEALED, ACCESSIBLE CEILING TILE LOCATIONS SHALL BE ALLOWED TO HAVE OPEN AIR CABLING INSTALLED. PROVIDE J-HOOKS, BRIDLE RINGS AND ASSOCIATED CABLE SUPPORTS TO KEEP INFRASTRUCTURE MANAGED AND OFF OF THE CEILING TILE.
- ELECTRICAL CONTRACTOR SHALL PROVIDE FIRESTOPPING AT ALL PENETRATIONS PER SPECIFICATION.

**COMMUNICATION NOTES**

- REUSE EXISTING POTS LINE IN THE ELEVATOR EQUIPMENT ROOM FOR THE ELEVATOR TELEPHONE. REVISE LOCATION AND EXTEND AS NECESSARY FOR NEW EQUIPMENT LOCATIONS.
- INSTALL NEW DATA CABLING FROM IDF LOCATIONS SHOWN ON PLANS TO EACH ELEVATOR EQUIPMENT ROOM FOR NEW 2-WAY COMMUNICATION SYSTEM.

**LIGHTING FIXTURE SCHEDULE**

- NOTES:**
- ALL FIXTURES SHALL BE U.L. OR SIMILARLY LISTED.
  - INCLUDE A MINIMUM 1 YEAR WARRANTY FOR LIGHTING FIXTURES, WHERE NOT OTHERWISE SPECIFIED.
  - REFER TO ARCHITECTURAL DOCUMENTS FOR EXACT MOUNTING LOCATIONS, DETAILS, AND CONFIGURATIONS OF ALL LUMINAIRES. IF ARCHITECTURAL DRAWINGS DO NOT CLARIFY EXACT MOUNTING LOCATION OR DETAIL, ISSUE AN RFI FOR ARCHITECT TO SPECIFICALLY CLARIFY PRIOR TO FIXTURE ROUGH-IN.
  - VERIFY COMPATIBILITY OF LIGHT FIXTURES WITH ARCHITECTUREAL CEILING PLAN, MATERIALS, ADJACENT CONSTRUCTION, AND ADJACENT FINISHES PRIOR TO SHOP DRAWINGS SUBMITTAL. ADJUST FIXTURE TYPE, CONSTRUCTION, FLANGE,...
  - CONTRACTOR IS RESPONSIBLE FOR ALL MISCELLANEOUS HARDWARE NECESSARY TO INSTALL AND SUPPORT THE LUMINAIRES. INCLUDE LABOR AND MATERIAL COSTS MADE NECESSARY BY THIS REQUIREMENT.
  - CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND FILLING OUT ALL UTILITY REBATE FORMS FOR OWNER.

DESIGNED BY: ERIC HEYEN

TYPE	MANUFACTURER	MODEL	DESCRIPTION	FINISH	LUMENS	DRIVER TYPE	SOURCE-CC I	VOLTAGE	LOAD-VA	APPROVED EQUALS
EM	HUBBELL DUAL-LITE	LZ-2-I-03L	EMERGENCY LIGHT, WALL OR CEILING MOUNTED, THERMOPLASTIC HOUSING, 2 LED ADJUSTABLE LAMP HEADS, LEAD-CALCIUM MAINTENANCE FREE BATTERY, SELF-DIAGNOSTICS, MULTI-VOLT REQUIRED	WHITE	300	LED	LED - 4000K	120 V	2 VA	SURE-LITES, LIGHTALARMS, LITHONIA
F1	LITHONIA	CSVT L48 5000LM MVOLT 40K 80CRJ	UTILITY STRIP FIXTURE 4' WET LISTED, GASKETED, POLYCARB. LENS, MULTI-VOLT REQUIRED	WHITE	5000	LED	LED - 4000K	120 V	35 VA	COOPER, CURRENT
F2	LITHONIA	CSVT L48 5000LM MVOLT 40K 80CRJ	SAME AS F1 BUT WALL MOUNTED	WHITE	5000	LED	LED - 4000K	120 V	35 VA	COOPER, CURRENT
F3	ALPHABET	NJ864-RD-SW-15LM-3 SK-90-60D-CL-WH-WH-RET-UNV	RECESSED DOWNLIGHT, MULTI-VOLT, CEILING, EXTEND CIRCUIT/SWITCHLEG FROM EXISTING LIGHTING IN SPACE	WHITE	1500	LED	LED - 3500K	120 V	16 VA	GOTHAM, PORTFOLIO

**LIGHTING SYMBOLS**

	RECESSED LIGHT FIXTURE, LETTER INDICATES SWITCH LEG (TYPICAL), SHADING INDICATES EMERGENCY LIGHT (TYPICAL)
	ROUND APERTURE RECESSED DOWNLIGHT FIXTURE. ARROW INDICATES WALLWASH
	SURFACE MOUNTED STRIP FIXTURE
	LINEAR PENDANT MOUNTED FIXTURE
	INDUSTRIAL STRIP LIGHT FIXTURE
	WALL MOUNTED STRIP LIGHT FIXTURE
	EMERGENCY LIGHT FIXTURE, WALL MOUNT, +96" OR AS NOTED
	EXIT SIGN, WALL MOUNT +96", SHADED AREAS INDICATE NUMBER OF FACES, ARROWS INDICATE SIGN ARROWS
	EXIT SIGN, CEILING MOUNT, SHADED AREAS INDICATE NUMBER OF FACES, ARROWS INDICATE SIGN ARROWS
	SINGLE POLE SWITCH, WALL MOUNT, LETTER INDICATES SWITCH LEG
	THREE WAY SWITCH, WALL MOUNT, LETTER INDICATES SWITCH LEG
	PILOT LIGHT SWITCH, WALL MOUNT, LETTER INDICATES SWITCH LEG
	DIMMER SWITCH, WALL MOUNT, LETTER INDICATES SWITCH LEG
	LIGHTING CONTROLS LOW VOLTAGE SWITCH, WALL MOUNT, LETTER INDICATES SWITCH LEG, REFER TO LIGHTING CONTROLS SCHEDULE
	EMERGENCY TRANSFER DEVICE

**TECHNOLOGY RESPONSIBILITY MATRIX**

	PROVISION RESPONSIBILITIES DEFINED	OFOI	OFI	CFI
<b>COMMUNICATIONS - TELECOM SYSTEMS:</b>				
ROUGH-IN, PATHWAYS AND SLEEVES				●
RACKS, FRAMES AND ENCLOSURES		REUSE EXISTING		
COPPER HORIZONTAL CABLING				●
DATA COMMUNICATIONS SWITCHES AND HUBS		REUSE EXISTING		
<b>SECURITY - ACCESS CONTROL:</b>				
ROUGH-IN, PATHWAYS AND SLEEVES				●
SECURITY MANAGEMENT SYSTEM - HEAD END COMPONENTS		●		
SECURITY MANAGEMENT SYSTEM - FIELD DEVICES		●		
SECURITY MANAGEMENT SYSTEM - ELECTRIFIED DOOR HARDWARE				●
SECURITY MANAGEMENT SYSTEM - ALL CABLING		●		
<b>SECURITY - VIDEO SURVEILLANCE:</b>				
ROUGH-IN, PATHWAYS AND SLEEVES		N/A	N/A	N/A
CAMERA(S)		N/A	N/A	N/A
HEAD END EQUIPMENT AND COMPONENTS		N/A	N/A	N/A
<b>SAFETY - FIRE DETECTION AND ALARM:</b>				
ROUGH-IN, PATHWAYS AND SLEEVES				●
INITIATING FIELD DEVICES (SMOKE, MANUAL PULL, MONITOR MODULES)				●
NOTIFICATION APPLIANCES (HORNS, STROBES, SPEAKERS)				●
MISCELLANEOUS DEVICES (RELAYS, TEST STATION, ANNUNCIATOR)				●

●	OFOI	OWNER FURNISHED & OWNER INSTALLED
●	OFI	OWNER FURNISHED & CONTRACTOR INSTALLED
●	CFI	CONTRACTOR FURNISHED & CONTRACTOR INSTALLED

**GENERAL NOTE:**

- MATRIX IS NOT INTENDED TO BE EXHAUSTIVE TO COVER ALL MATERIALS NECESSARY FOR SCOPE AND SHOULD ONLY BE USED TO QUICKLY IDENTIFY SYSTEMS AND RELATED INFRASTRUCTURE INSIDE AND OUTSIDE THE BID OF THIS PROJECT. ANY ITEMS FURNISHED OR INSTALLED BY THE BIDDING CONTRACTOR SHALL COVER ALL REQUIRED APPURTENANCES NECESSARY FOR A COMPLETE SYSTEM. THIS SHALL INCLUDE BUT NOT BE LIMITED TO, EQUIPMENT, ACCESSORIES, TERMINATIONS, TERMINATION COMPONENTS, ALL FINAL CORDAGE CONNECTIVITY, SOFTWARE, PROGRAMMING, AND THE LABOR TO INSTALL. ACCESS CONTROL VENDOR TO INSTALL CABLING, FIELD DEVICES, ETC. COORDINATE EXACT DEVICE LOCATIONS AND PATHWAYS WITH VENDOR AND CM ONSITE.

**GENERAL SYMBOLS**

	CONDUIT SLEEVE
	CONDUIT UP, REFER TO TAG ON DRAWING FOR SIZE
	CONDUIT DOWN, REFER TO TAG ON DRAWING FOR SIZE
	JUNCTION BOX, CEILING OR FLOOR MOUNTED.
	JUNCTION BOX, WALL MOUNTED, ELEVATION AS NOTED.
	KEYNOTE
	EQUIPMENT IDENTIFICATION TAG, REFER TO EQUIPMENT CONNECTION SCHEDULE
	DETAIL DRAWING REFERENCE TAG, SIM-SIMILAR, TYP-TYPICAL, OPP-OPPOSITE SHEET REFERENCE
	SECTION CUT REFERENCE TAG, SIM-SIMILAR, TYP-TYPICAL, OPP-OPPOSITE SHEET REFERENCE
	INTERIOR ELEVATION DRAWING REFERENCE TAG
	DRAWINGS REVISION, REFER TO TITLEBLOCK FOR REVISION NUMBER AND DATE

**POWER SYMBOLS**

	SINGLE RECEPTACLE, WALL MOUNTED
	DUPLEX RECEPTACLE, WALL MOUNTED, TAMPER-RESISTANT
	DUPLEX GFCI RECEPTACLE, TAMPER-RESISTANT, WALL MOUNT, PROTECTION INCLUDED IN DEVICE.
	DUPLEX GFCI WEATHER RESISTANT RECEPTACLE WITH WEATHER-PROOF IN-USE COVER, TAMPER-RESISTANT, WALL MOUNT
	EQUIPMENT CONNECTION, REFER TO EQUIPMENT CONNECTION SCHEDULE FOR CONNECTION TYPE, REFER TO PANEL SCHEDULES FOR GFCI PROTECTION WHERE REQUIRED
	MOTOR CONNECTION, REFER TO EQUIPMENT CONNECTION SCHEDULE FOR CONNECTION TYPE, REFER TO PANEL SCHEDULES FOR GFCI PROTECTION WHERE REQUIRED
	EQUIPMENT CONNECTION, WALL MOUNT, REFER TO EQUIPMENT CONNECTION SCHEDULE FOR CONNECTION TYPE, REFER TO PANEL SCHEDULES FOR GFCI PROTECTION WHERE REQUIRED
	SAFETY DISCONNECT SWITCH
	SURGE PROTECTIVE DEVICE
	PANELBOARD - SURFACE MOUNTED
	PANELBOARD - RECESSED IN WALL
	DISTRIBUTION PANELBOARD/SWITCHBOARD - SURFACE MOUNTED AS NOTED.

**FIRE DETECTION AND ALARM SYMBOLS**

	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM CONTROL PANEL + EMERGENCY COMMUNICATIONS PANEL
	CARBON MONOXIDE DETECTOR
	COMBINATION CARBON MONOXIDE / SMOKE DETECTOR
	HEAT DETECTOR
	SMOKE DETECTOR
	DUCT SMOKE DETECTOR
	HORN
	COMBINATION HORN WITH STROBE
	COMBINATION SPEAKER WITH STROBE
	STROBE
	SPEAKER
	SMOKE DAMPER
	COMBINATION FIRE/SMOKE DAMPER
	ADDRESSABLE INPUT MODULE, FS - SPRINKLER WATER FLOW SWITCH, TS - TAMPER SWITCH, PIV - POST INDICATOR VALVE
	ADDRESSABLE OUTPUT MODULE, SD - FAN SHUT DOWN RELAY, AM - AUDIO MUTE

**TELECOMMUNICATION SYMBOLS**

	DATA CABLING - # IS QUANTITY OF CATEGORY 6 CABLES
--	---

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Key Plan

Revision Description Date

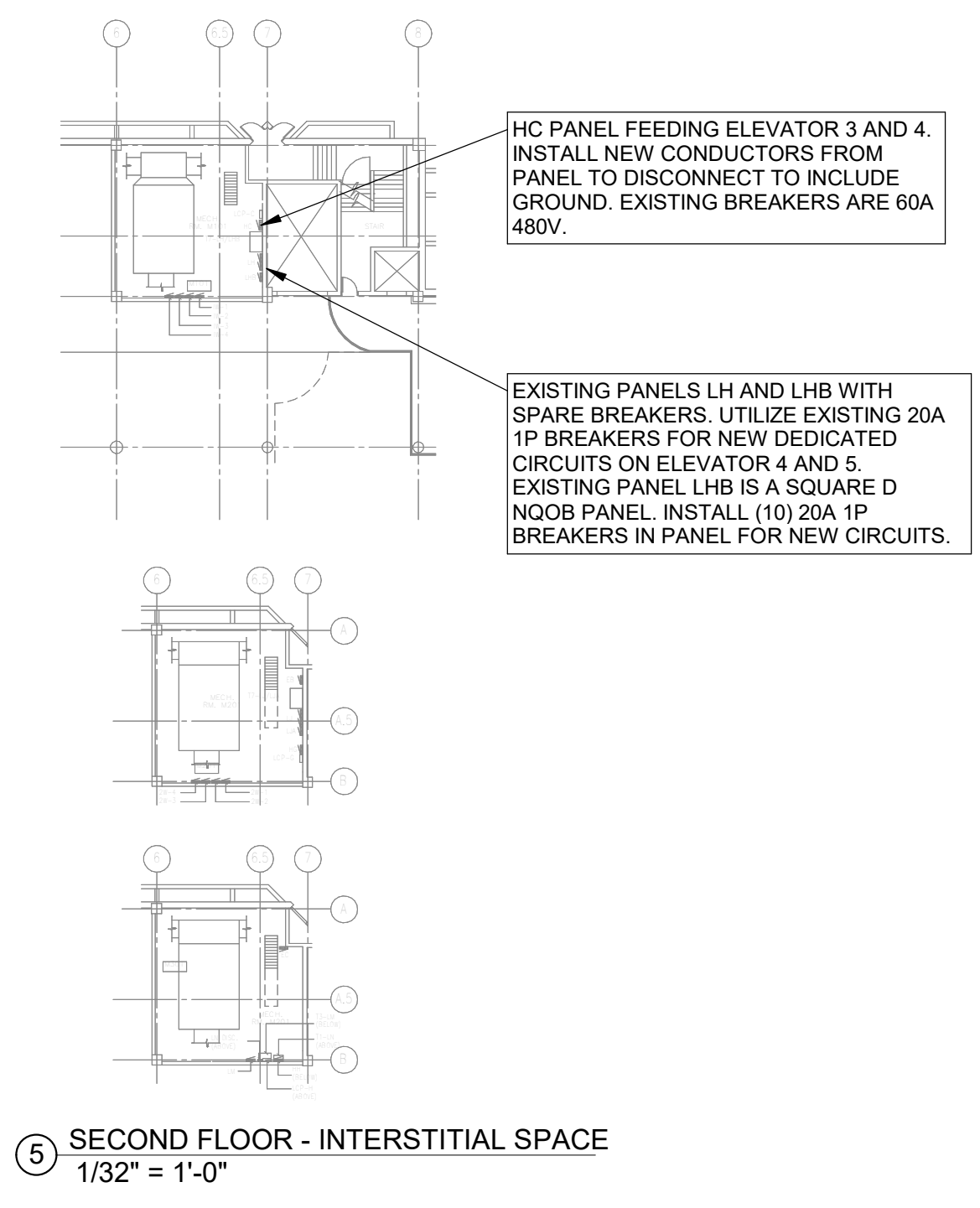
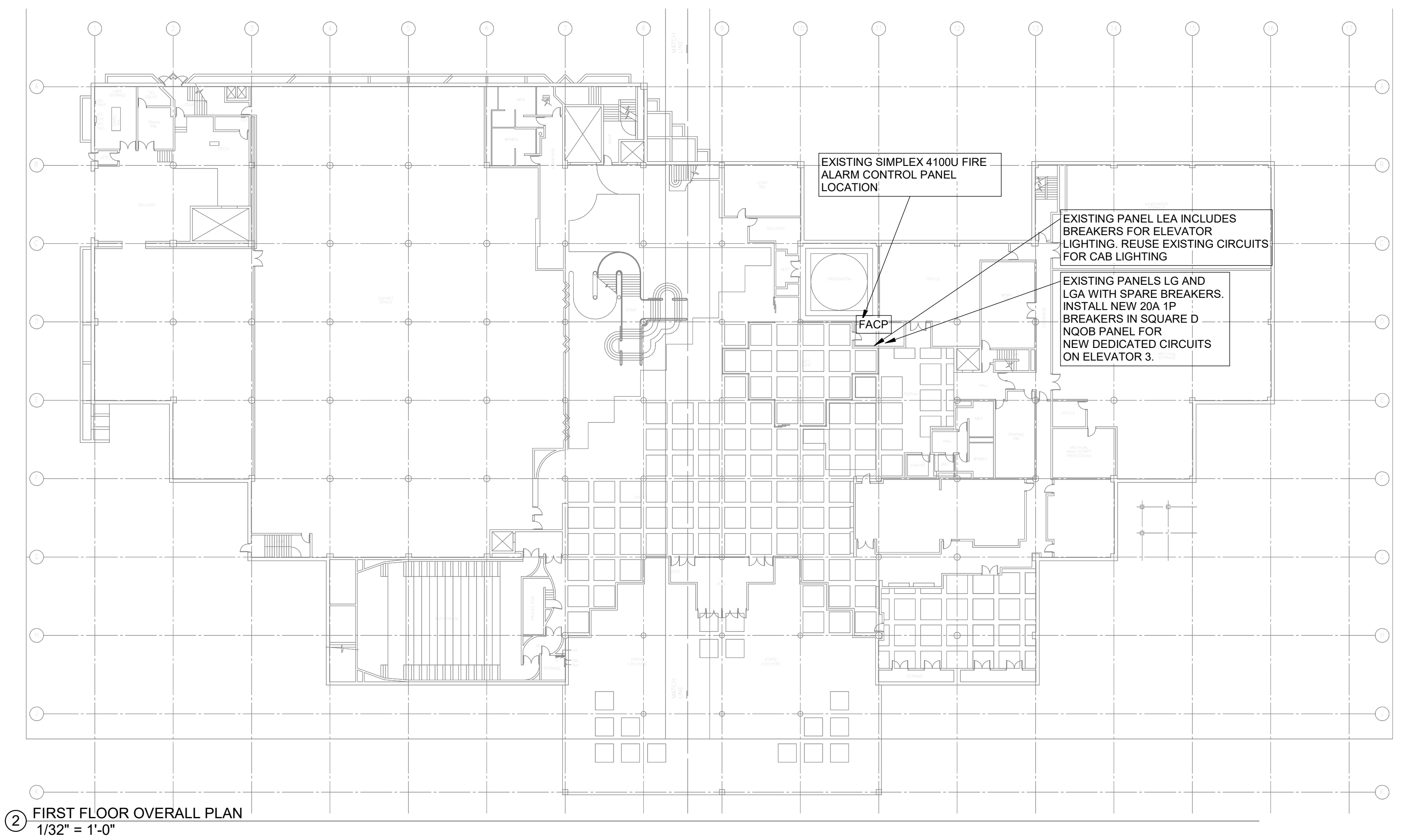
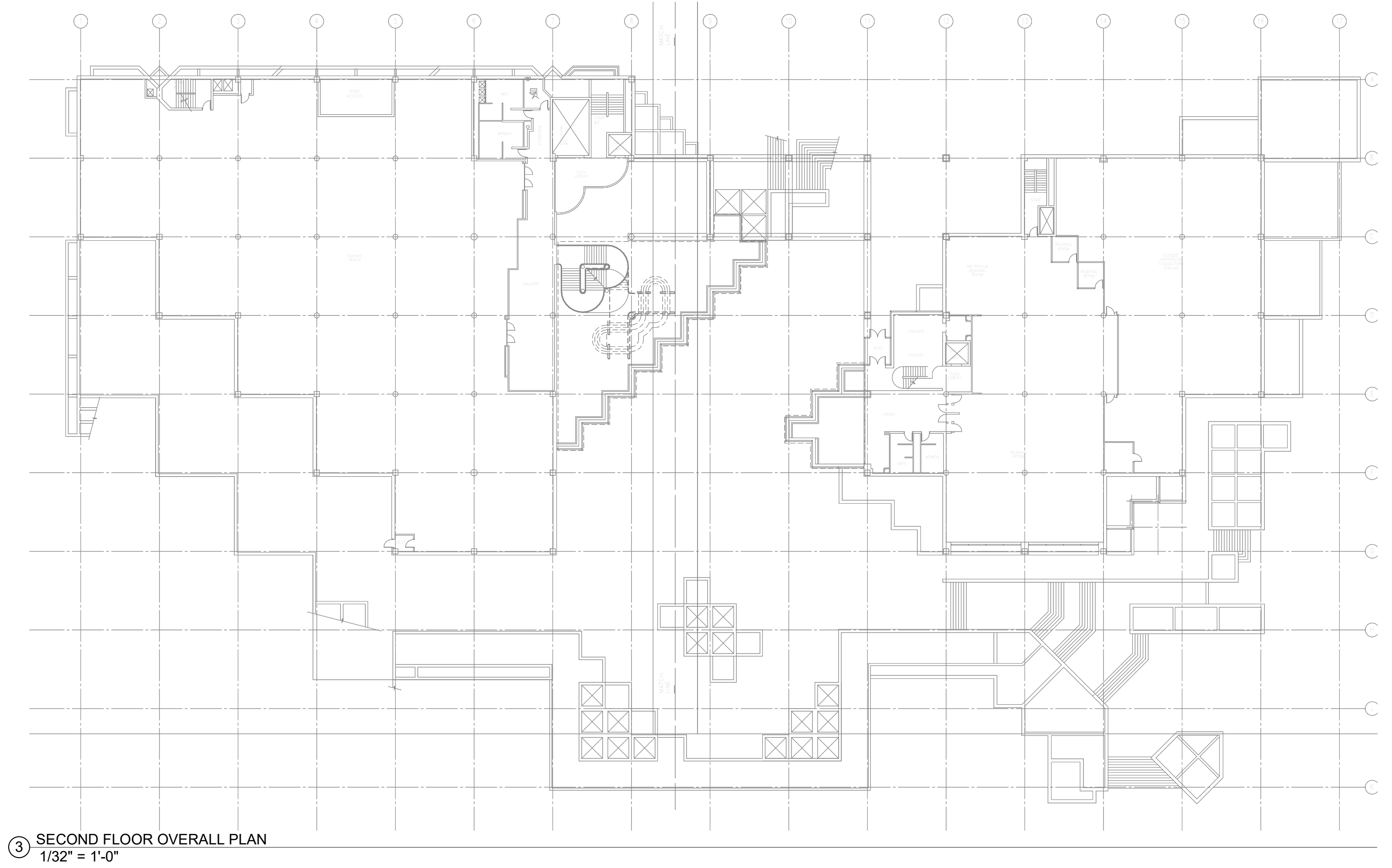
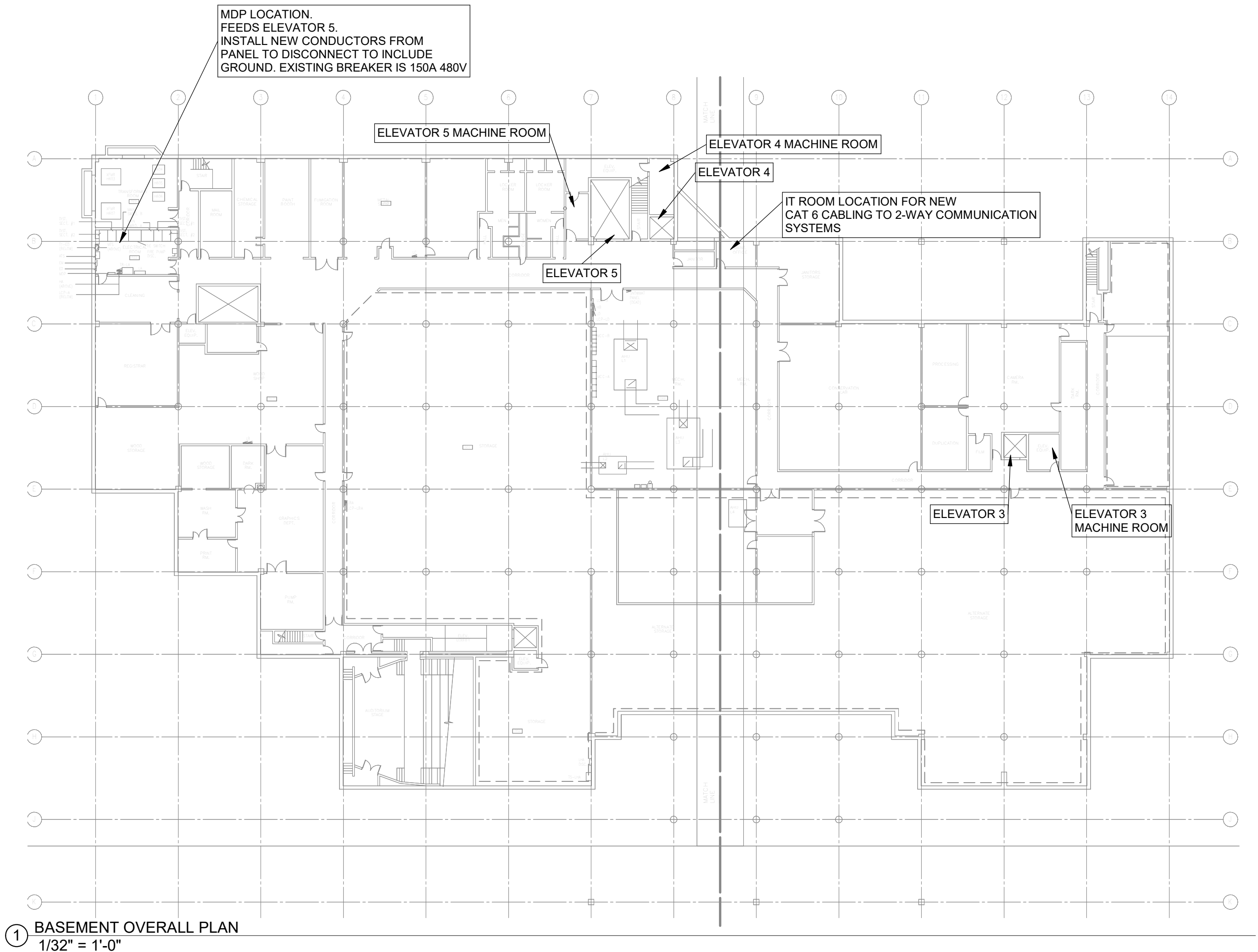
OPN Project No.  
**25832000**

Sheet Issue Date  
**BID ISSUE SET** 06/10/26

Sheet Name  
**ELECTRICAL/MECHANICAL GENERAL NOTES & SYMBOLS**

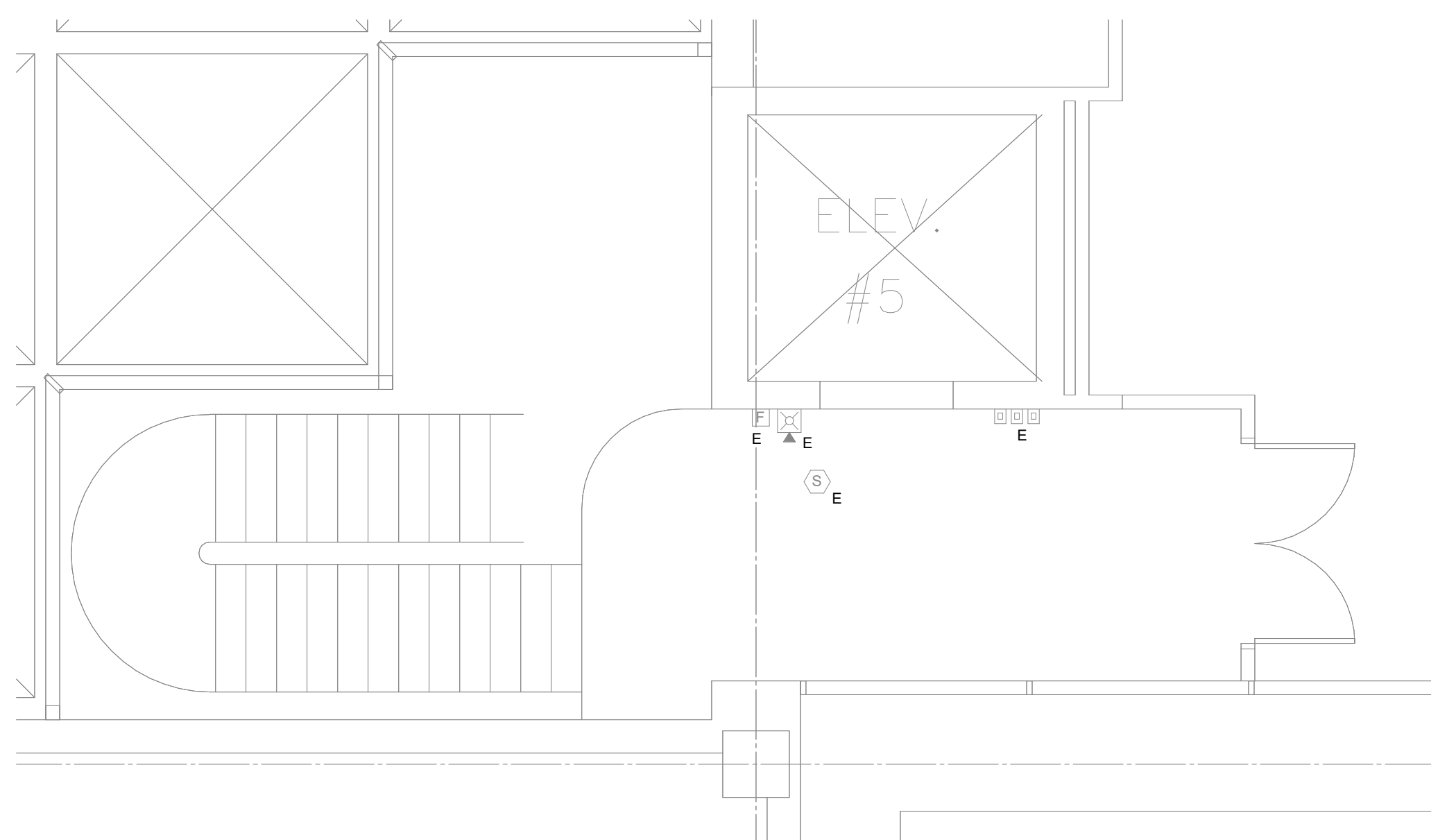
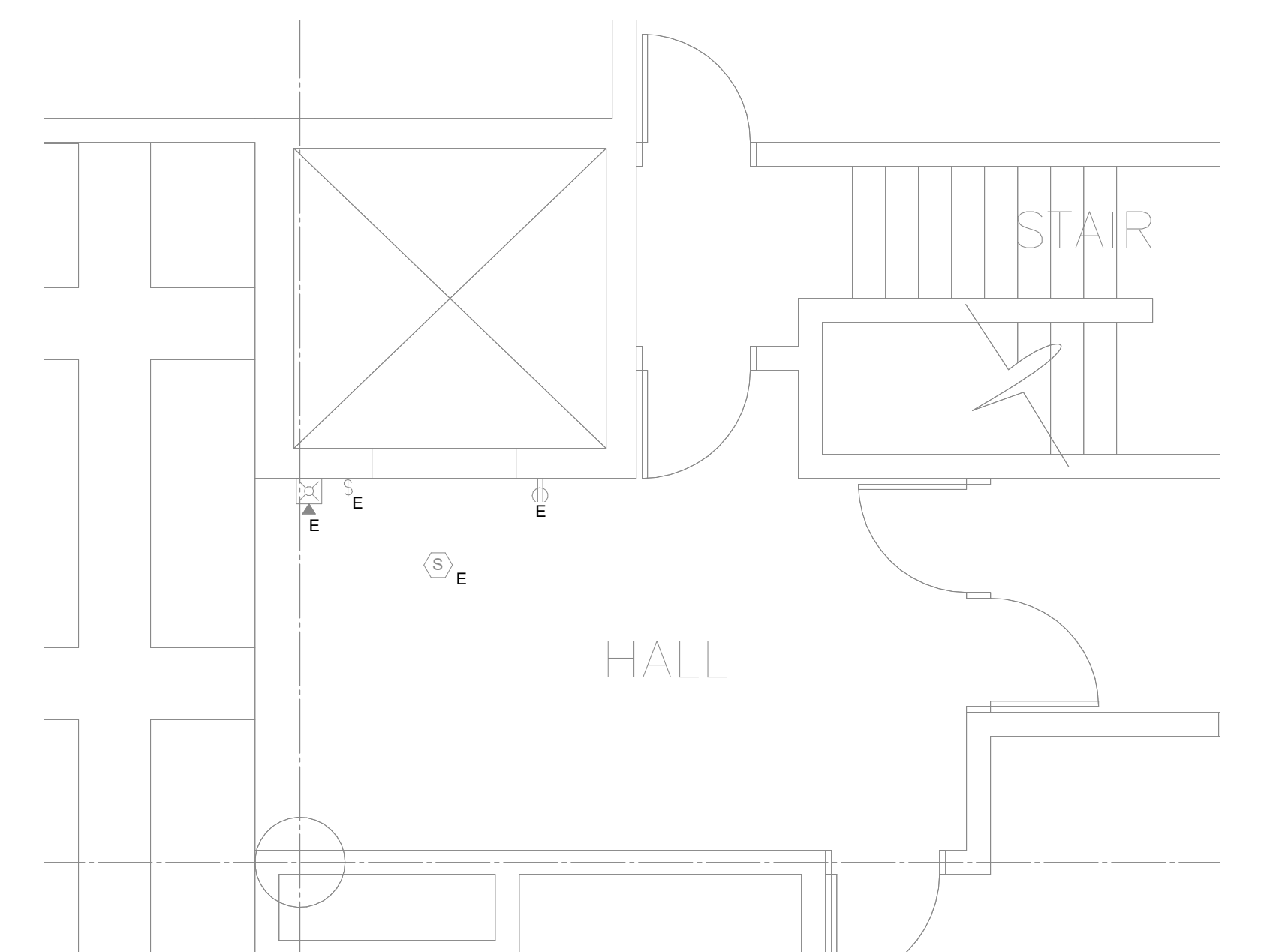
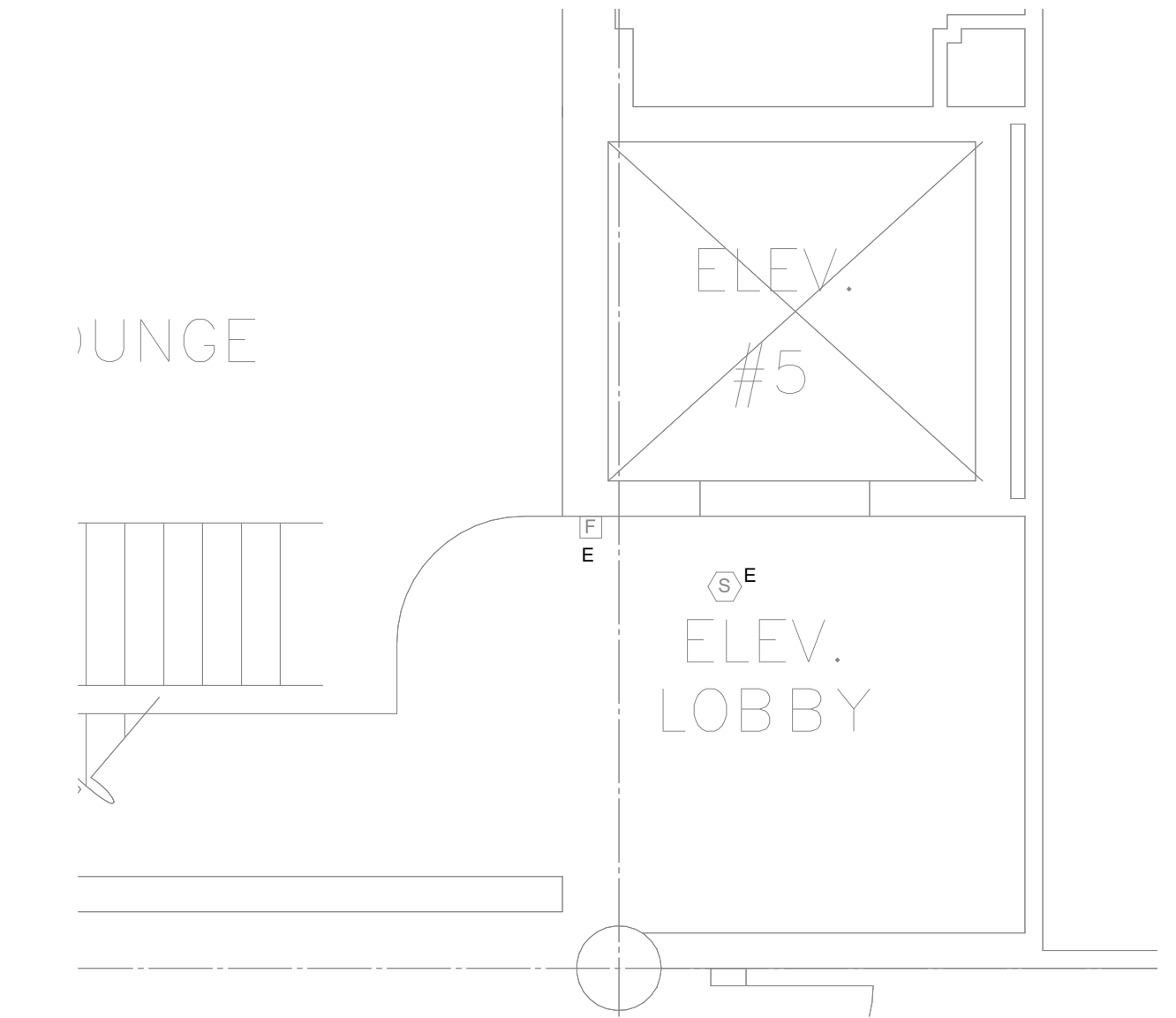
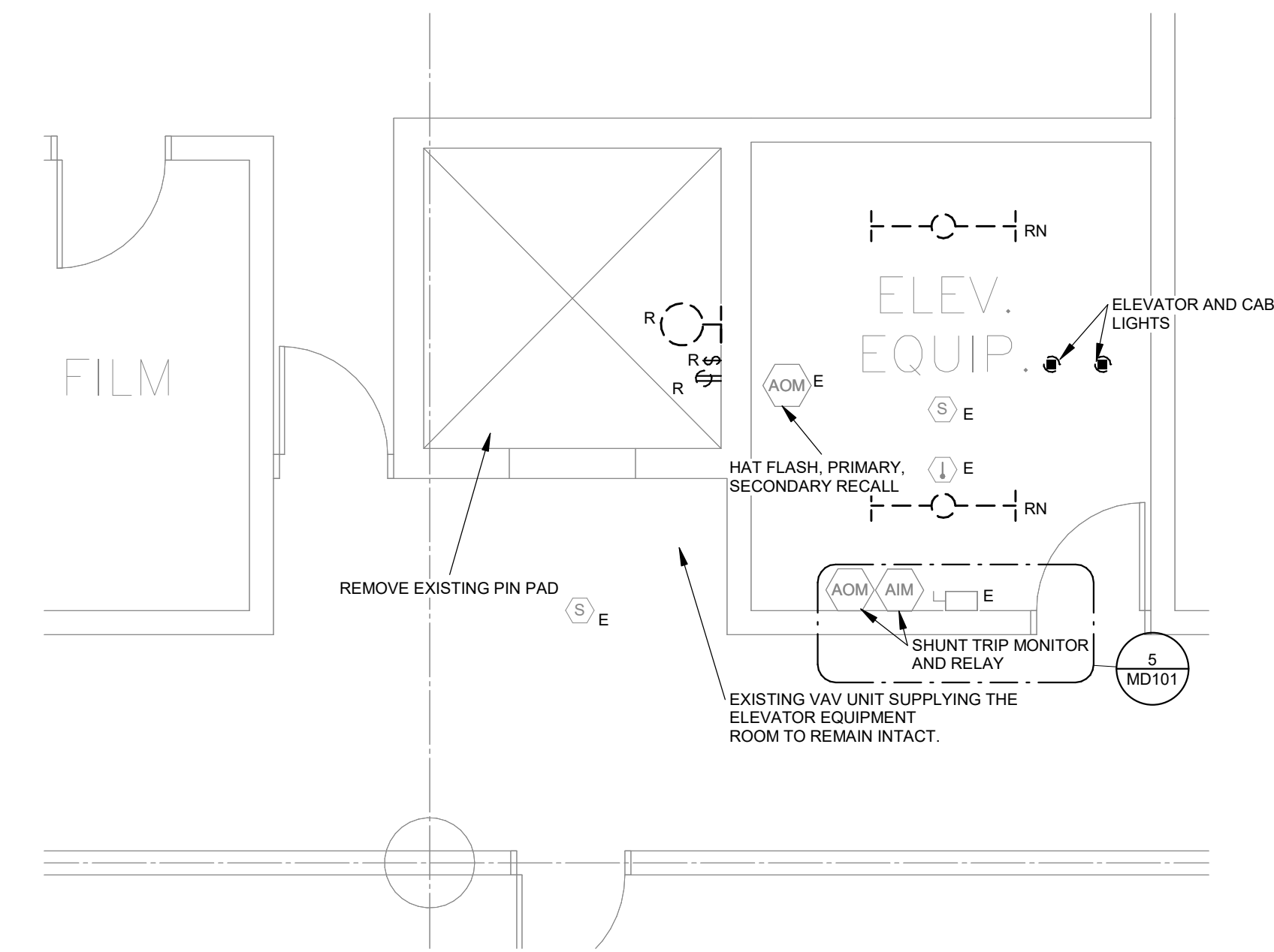
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**ELECTRICAL DEMOLITION NOTES**

- A. DEMOLITION DRAWINGS PRESENT LAYOUT OF EXISTING CONDITIONS AND MAJOR MECHANICAL/ELECTRICAL ITEMS. FIELD VERIFY EXISTING CONDITIONS AND BECOME FAMILIAR WITH EXISTING ELECTRICAL SYSTEM AND DEMOLITION SCOPE BEFORE WORK BEGINS.
- B. ADDITIONAL COMPONENTS MAY EXIST WHICH ARE NOT SHOWN. HANDLE SUCH ITEMS IN A MANNER SIMILAR TO THOSE ITEMS WHICH ARE SHOWN.
- C. REMOVE ELECTRICAL FACILITIES AND CLEAR THE AREA TO RECEIVE THE NEW WORK.
  - a. REMOVE ALL CONDUIT, WIRE, BOXES, ETC., AS REQUIRED BY WALL AND CEILING DEMOLITION.
  - b. IDENTIFY THE LOCATION OR ITEMS SERVED FOR ALL DISCONNECTED BRANCH CIRCUITS BEFORE DEMOLITION. MAINTAIN CIRCUITS SERVING AREAS BEYOND THE DEMOLITION AREA.
  - c. REMOVE AND REINSTALL CEILING TILES AS REQUIRED TO REMOVE THE ELECTRICAL FACILITIES NOTED. REPLACE CEILING TILES DAMAGED DURING DEMOLITION.
  - d. KEEP EXISTING SYSTEMS OPERATIONAL DURING ALL PHASES OF CONSTRUCTION UNLESS NECESSARY FOR DEMOLITION.
  - e. OBTAIN OWNER'S PERMISSION TO SHUT OFF SERVICES OR SYSTEMS WHICH MAY AFFECT OTHER AREAS BEYOND DEMOLITION AREA. INFORM OWNER AS TO THE REASON FOR AND THE DURATION OF THE SHUTDOWN.
  - f. REPAIR AT CONTRACTORS EXPENSE ANY DAMAGED CONDUIT OR WIRE NOT IDENTIFIED FOR DEMOLITION.
  - g. INSTALL BLANK COVERPLATES/COVERS OVER OPENINGS AT REMOVED DEVICE LOCATIONS.
- D. ALL WIRING FOR REMODELED AREAS SHALL BE NEW UNLESS SPECIFICALLY NOTED OTHERWISE.
- E. PROTECT EXISTING DEVICES IDENTIFIED TO REMAIN OR BE RELOCATED. IF AN EXISTING DEVICE CANNOT BE REINSTALLED NOTIFY DESIGN TEAM DURING DEMOLITION. REPLACE FUNCTIONING ITEMS DAMAGED DURING DEMOLITION.
- F. REMOVED/DEMOLISHED EQUIPMENT REMAINS THE PROPERTY OF THE OWNER UNLESS OTHERWISE NOTED. VERIFY OWNERS SALVAGE SELECTIONS AND DISPOSE ALL OTHER MATERIALS.
- G. PLAN ABBREVIATIONS:
  - E - EXISTING ITEM TO REMAIN
  - ER - NEW LOCATION OF EXISTING ITEM
  - N - NEW ITEM IN EXISTING LOCATION
  - R - EXISTING ITEM TO BE REMOVED, PATCH AND/OR COVER
  - RR - REPLACE EXISTING WITH NEW
  - RRR - EXISTING ITEM TO BE REMOVED AND RELOCATED

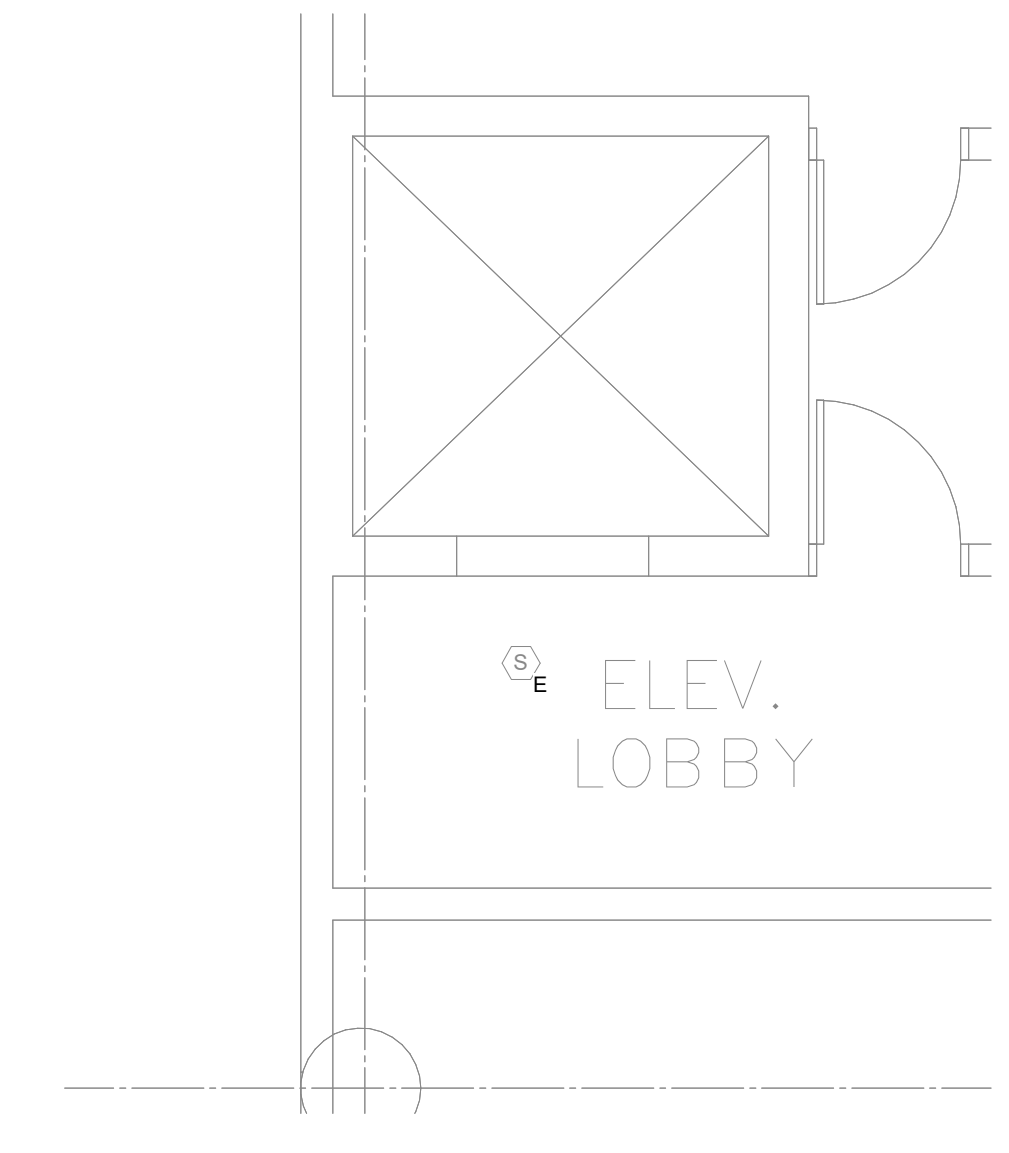


EXISTING DISCONNECT FOR ELEVATOR AND CAB LIGHTS CAN REMAIN INTACT

EXISTING BUSSMAN LPJ 45AMP FUSES PROVIDE NEW FUSES FOR REPLACEMENT TO MATCH NEW ELEVATOR EQUIPMENT

NO GROUNDING IS PROVIDED TO THE DISCONNECT. NEW GROUNDING CONDUCTOR IS REQUIRED. EXISTING 1-1/2" CONDUIT CAN BE REUSED. REFER TO NEW PLANS FOR CONDUCTOR INSTALLATION AND SIZING.

5 ELEVATOR 3 DISCONNECT NOT TO SCALE

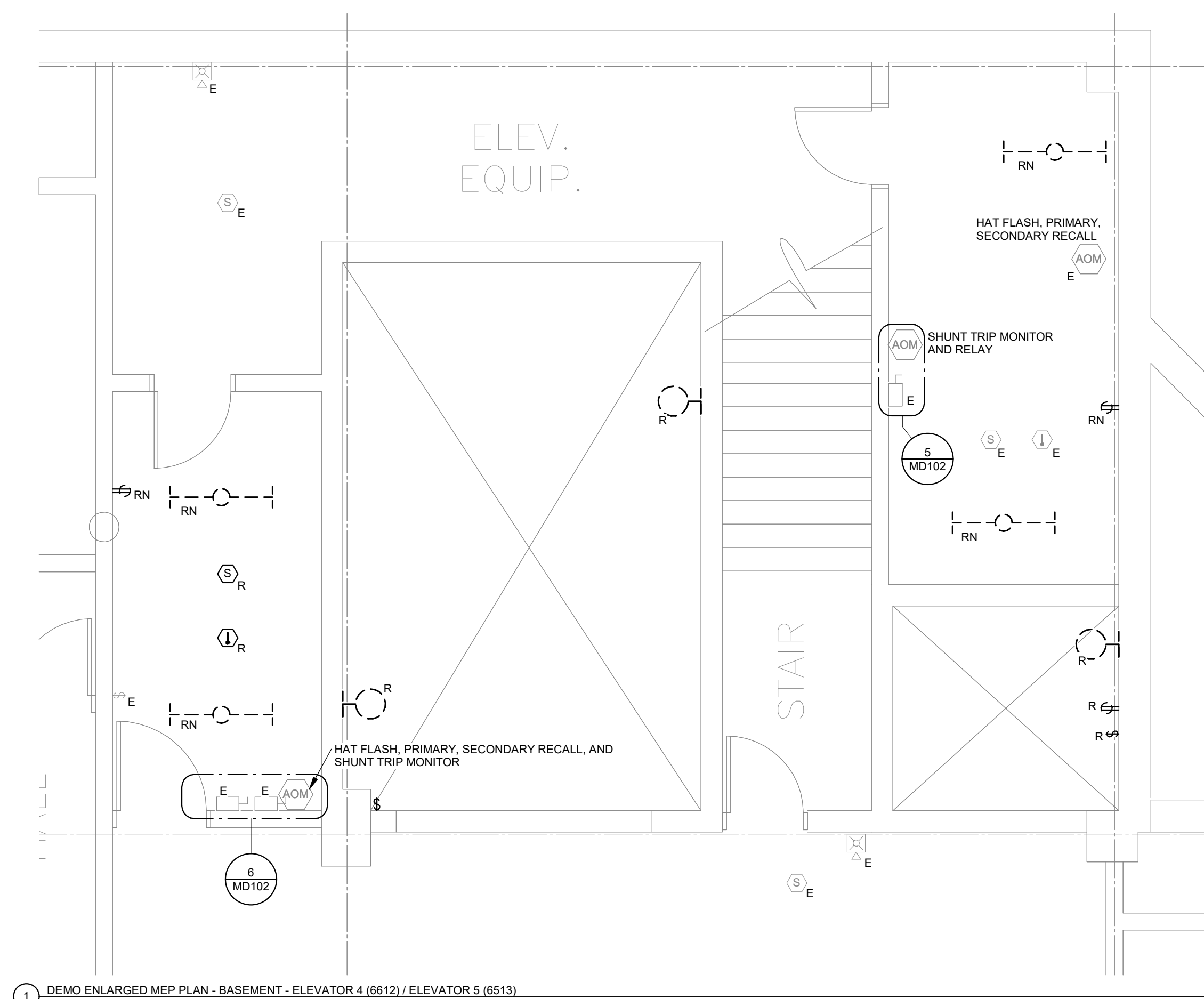


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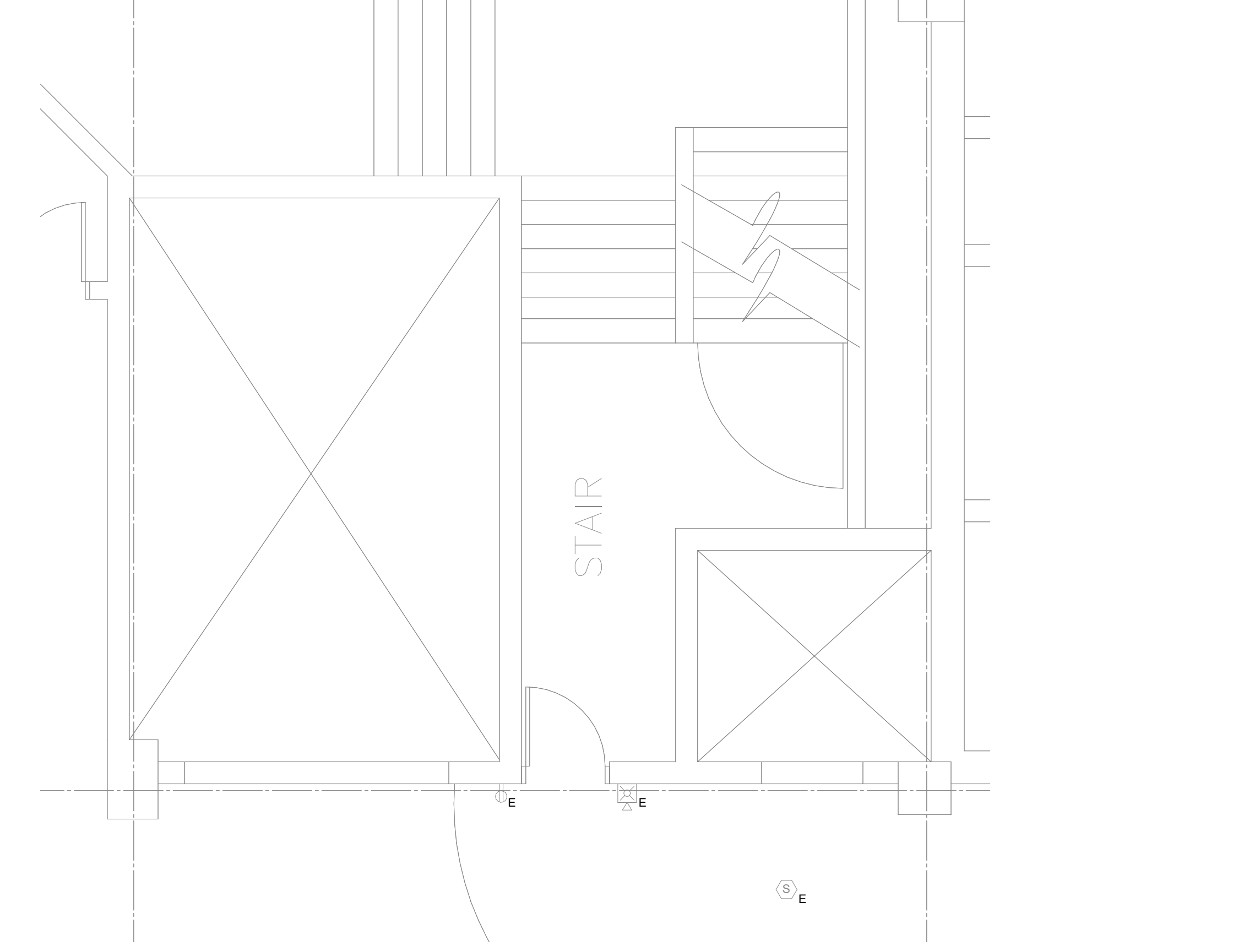
Revision	Description	Date

**ELECTRICAL DEMOLITION NOTES**

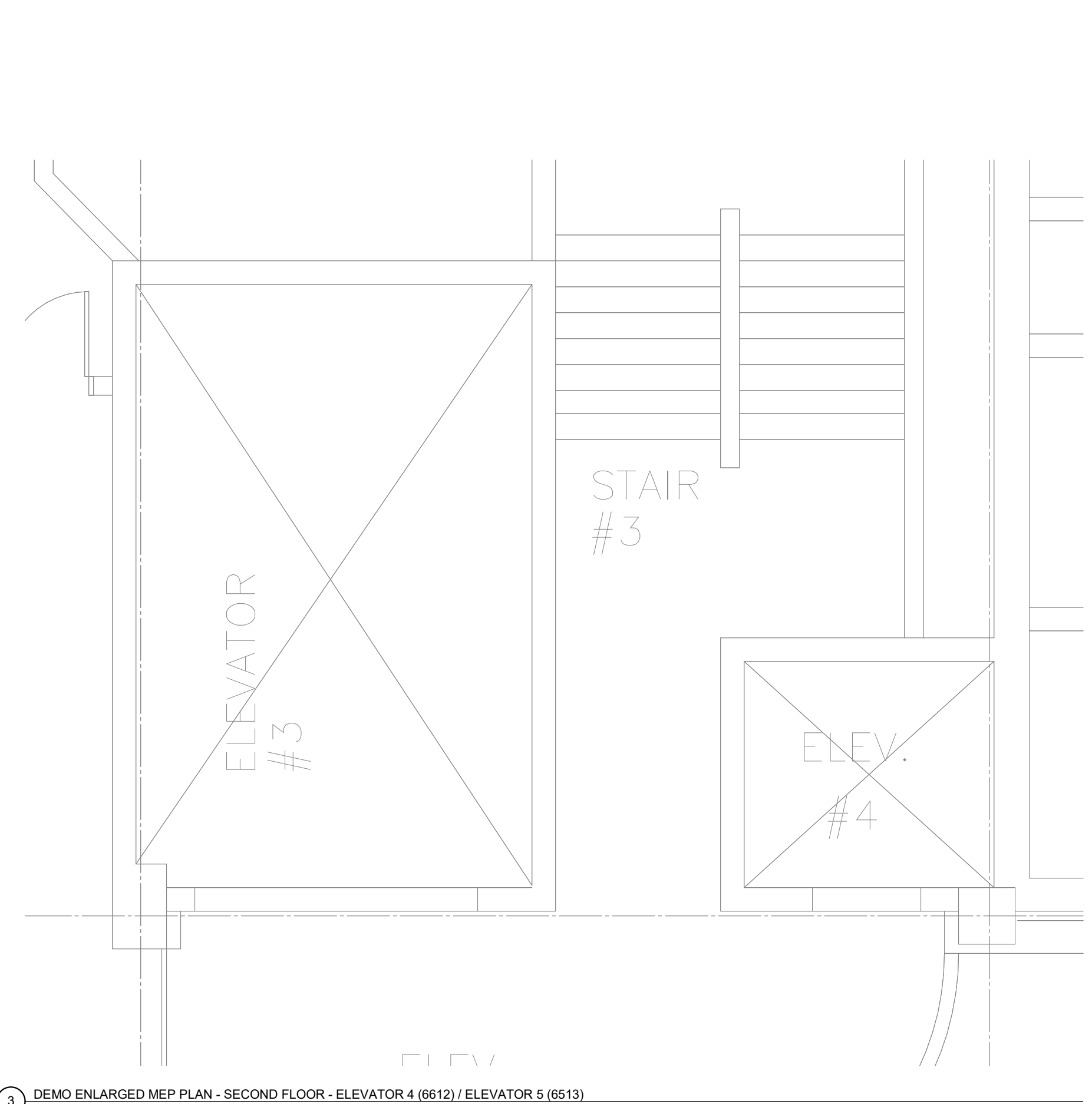
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- B. ADDITIONAL COMPONENTS MAY EXIST WHICH ARE NOT SHOWN. HANDLE SUCH ITEMS IN A MANNER SIMILAR TO THOSE ITEMS WHICH ARE SHOWN.
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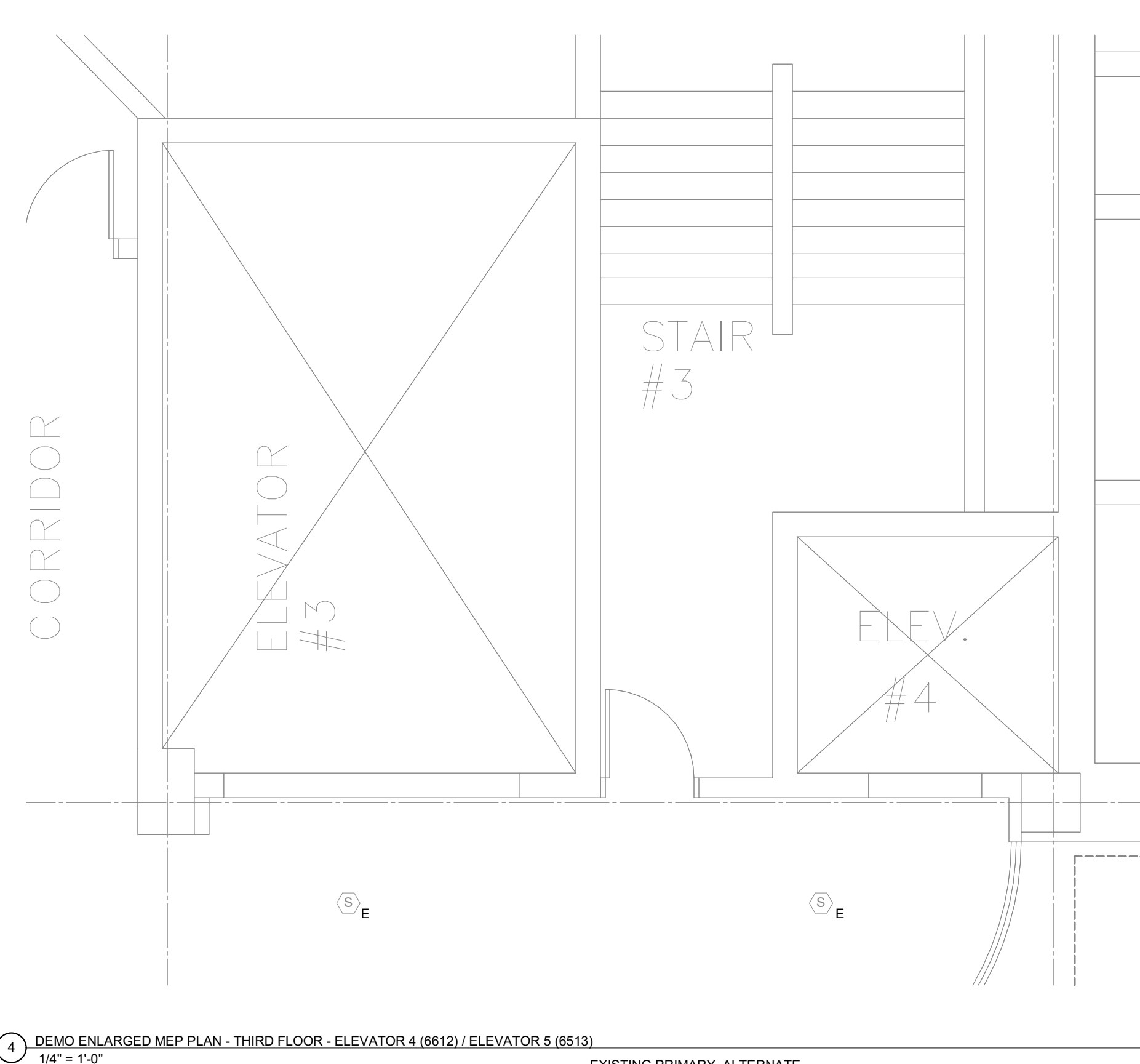
1 DEMO ENLARGED MEP PLAN - BASEMENT - ELEVATOR 4 (6612) / ELEVATOR 5 (6513)  
1/4" = 1'-0"



2 DEMO ENLARGED MEP PLAN - FIRST FLOOR - ELEVATOR 4 (6612) / ELEVATOR 5 (6513)  
1/4" = 1'-0"



3 DEMO ENLARGED MEP PLAN - SECOND FLOOR - ELEVATOR 4 (6612) / ELEVATOR 5 (6513)  
1/4" = 1'-0"



4 DEMO ENLARGED MEP PLAN - THIRD FLOOR - ELEVATOR 4 (6612) / ELEVATOR 5 (6513)  
1/4" = 1'-0"



5 ELEVATOR 4 DISCONNECT  
1/8" = 1'-0"



6 ELEVATOR 5 DISCONNECT  
1/8" = 1'-0"

NO GROUNDING IS PROVIDED TO THE DISCONNECT. NEW GROUNDING CONDUCTOR REQUIRED. EXISTING 1-1/2" CONDUIT CAN BE REUSED. REFER TO NEW PLANS FOR CONDUCTOR INSTALLATION AND SIZING.

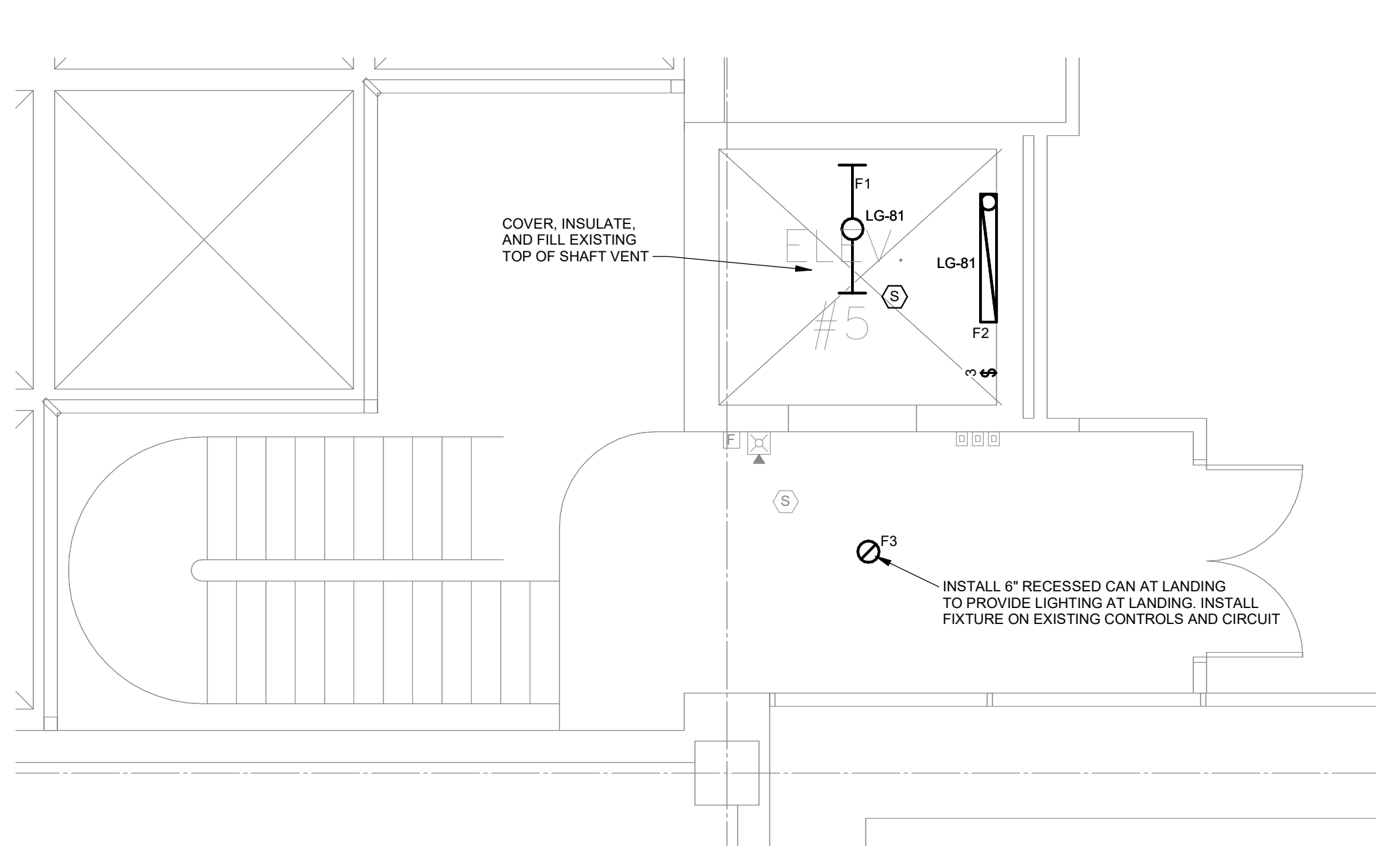
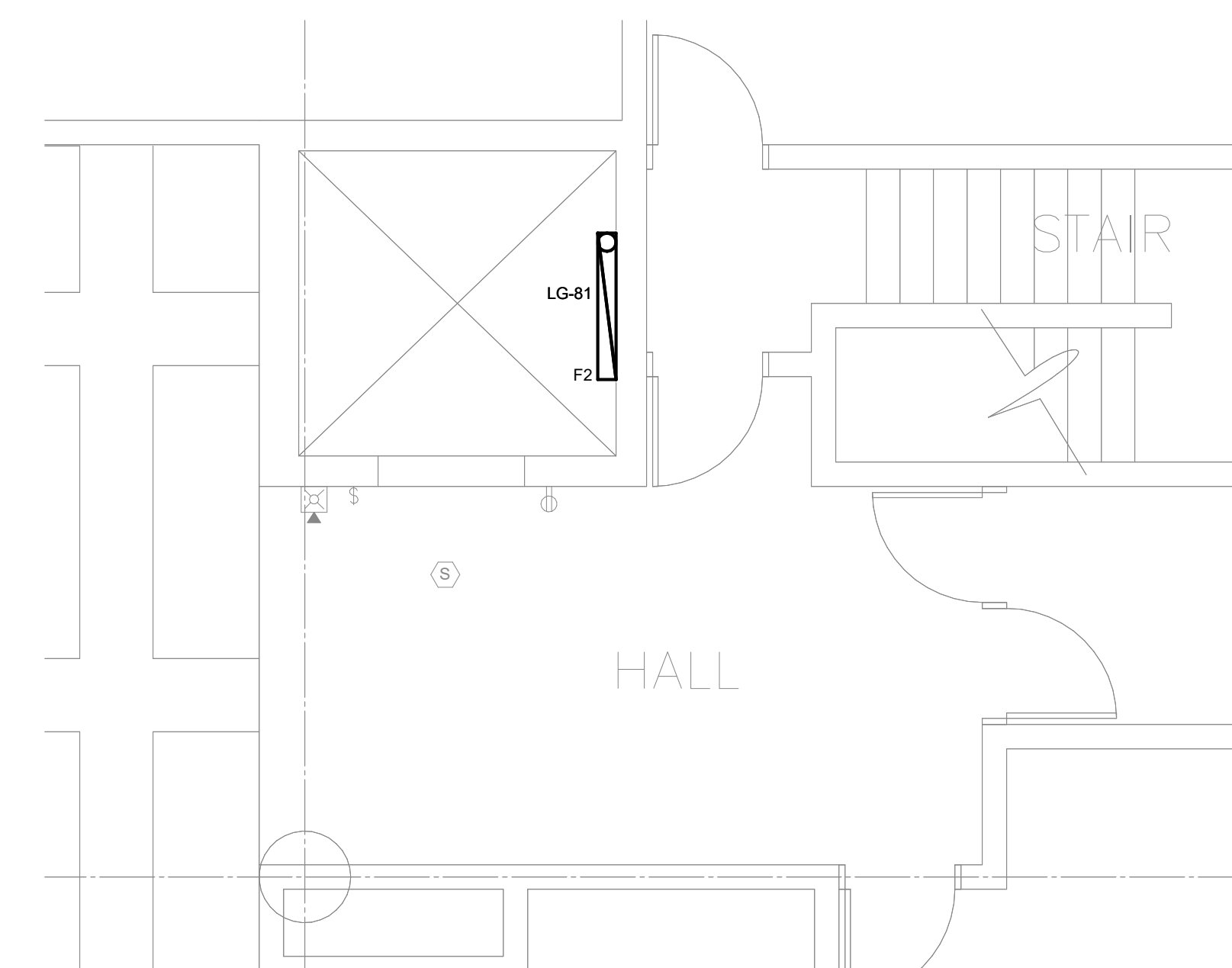
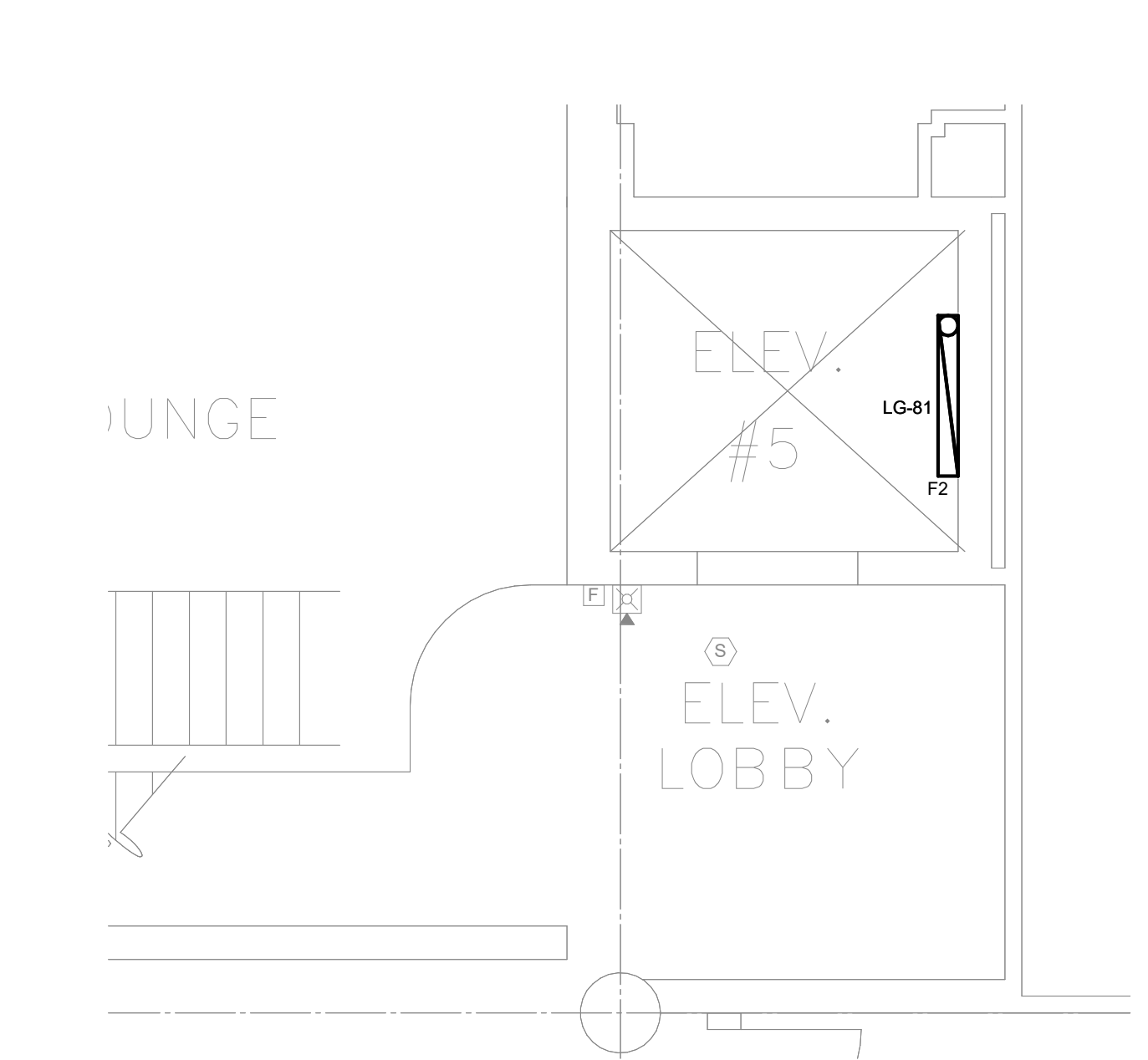
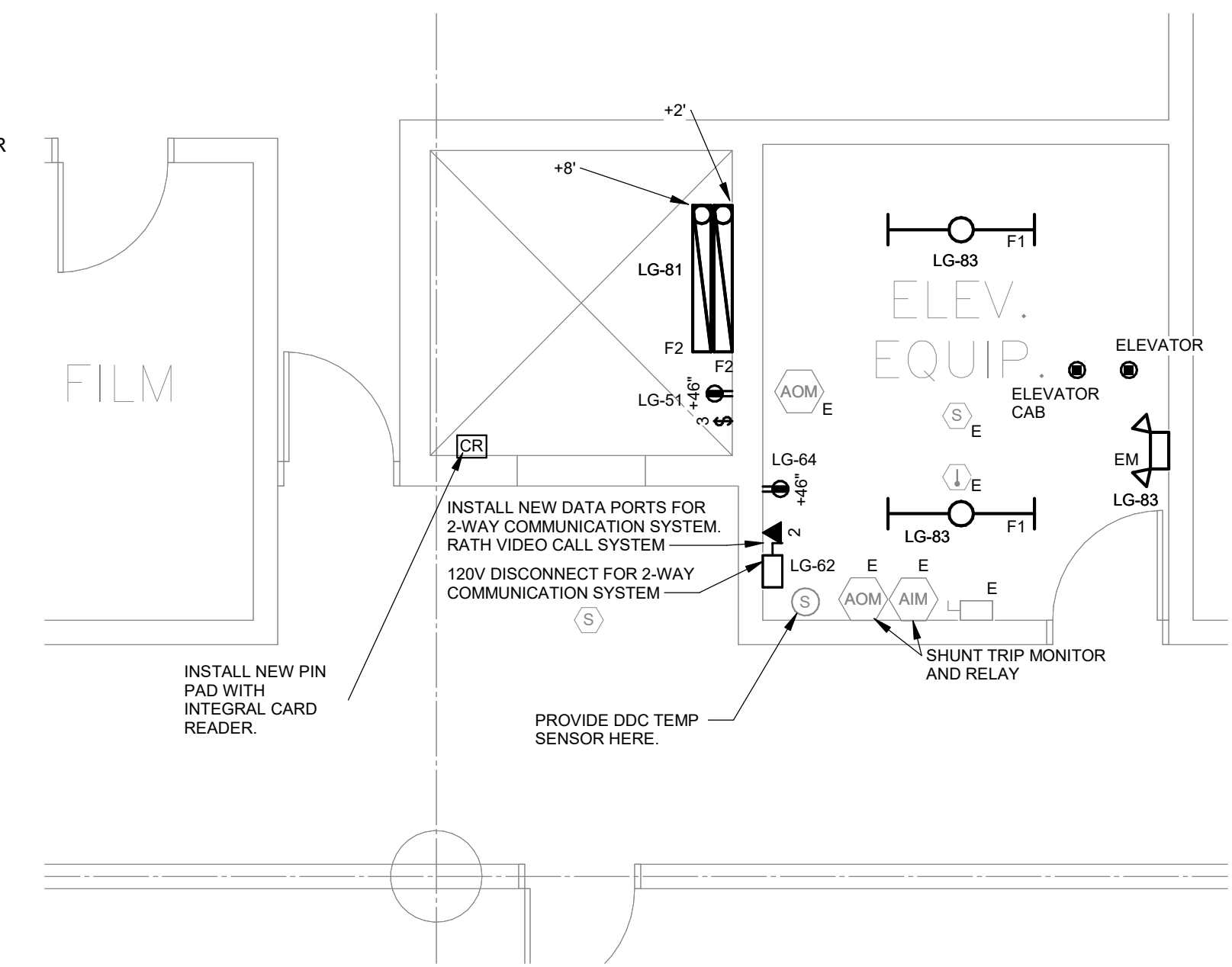
NO GROUNDING IS PROVIDED TO THE DISCONNECT. NEW GROUNDING CONDUCTOR REQUIRED. EXISTING 1-1/2" CONDUIT CAN BE REUSED. REFER TO NEW PLANS FOR CONDUCTOR INSTALLATION AND SIZING.

**POWER GENERAL NOTES**

- A. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
- B. COORDINATE ELECTRICAL REQUIREMENTS FOR MECHANICAL UNITS WITH MECHANICAL CONTRACTOR AND FINAL MECHANICAL SHOP DRAWINGS.
- C. PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. COORDINATE FIRE RATED WALL PENETRATIONS AND PROVIDE CONDUIT SLEEVES AND FIRE STOPPING TO MAINTAIN RATING.

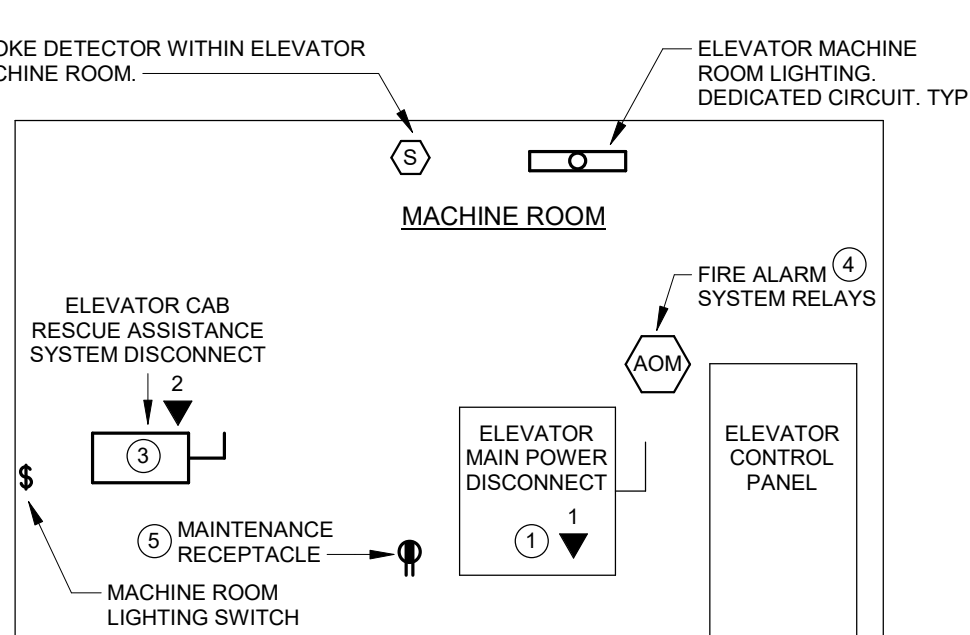
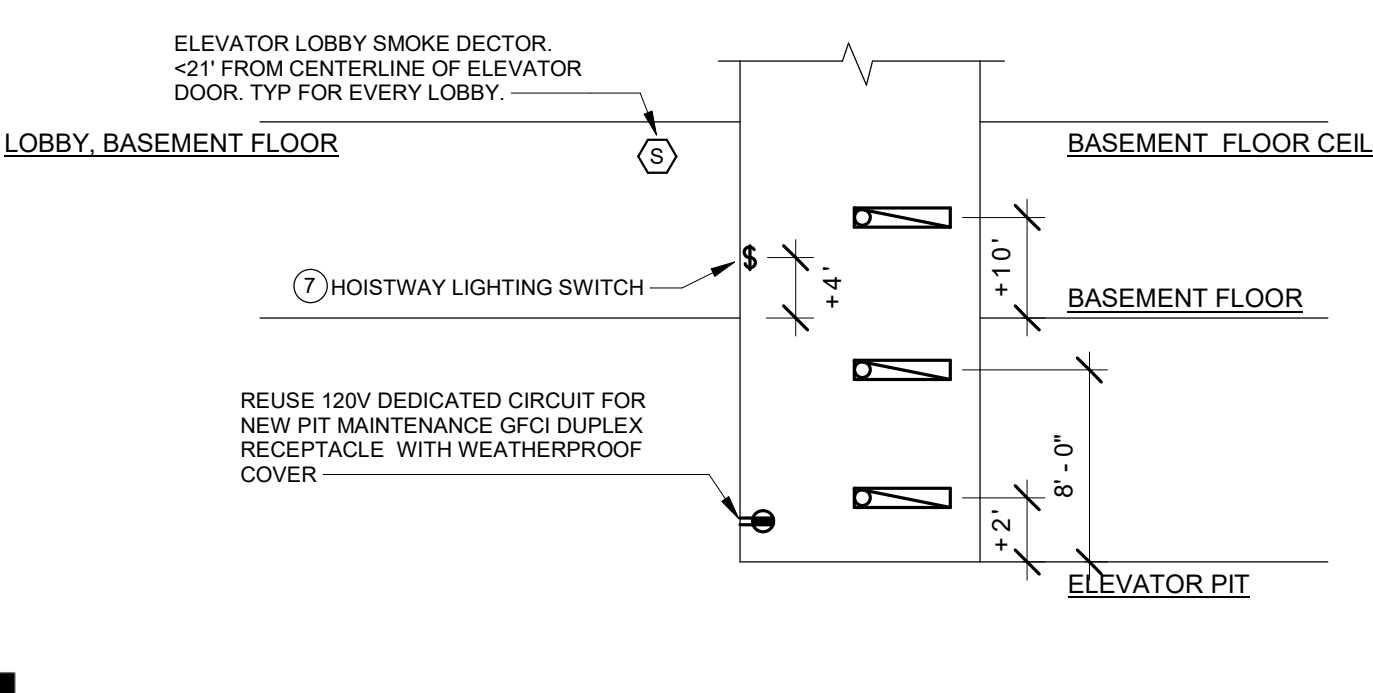
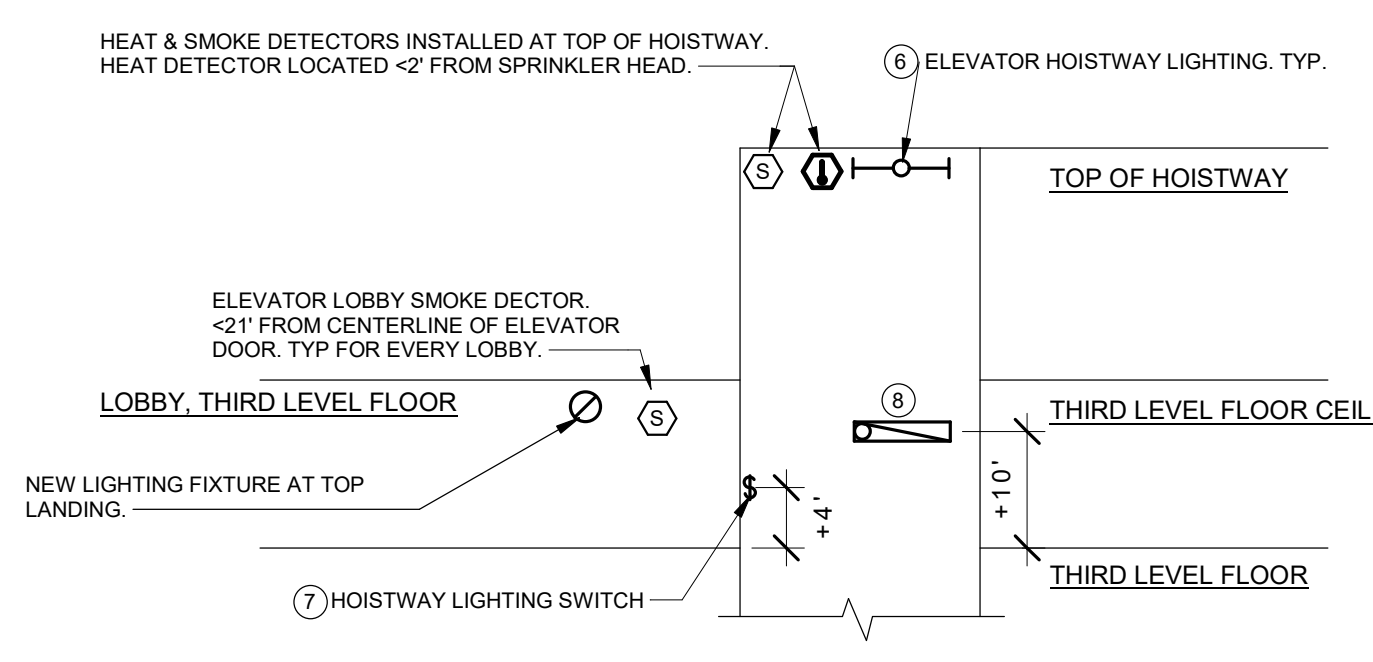
**LIGHTING GENERAL NOTES**

- A. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
- B. UNLESS NOTED OTHERWISE, CONNECT ALL EMERGENCY BATTERY FIXTURES WITH AN UN-SWITCHED LEG OF THE LIGHTING CIRCUIT THAT SERVES THE FIXTURES SPACE. MAINTAIN NORMAL SWITCHING SCHEME OF EMERGENCY FIXTURES UNDER NORMAL OPERATION.

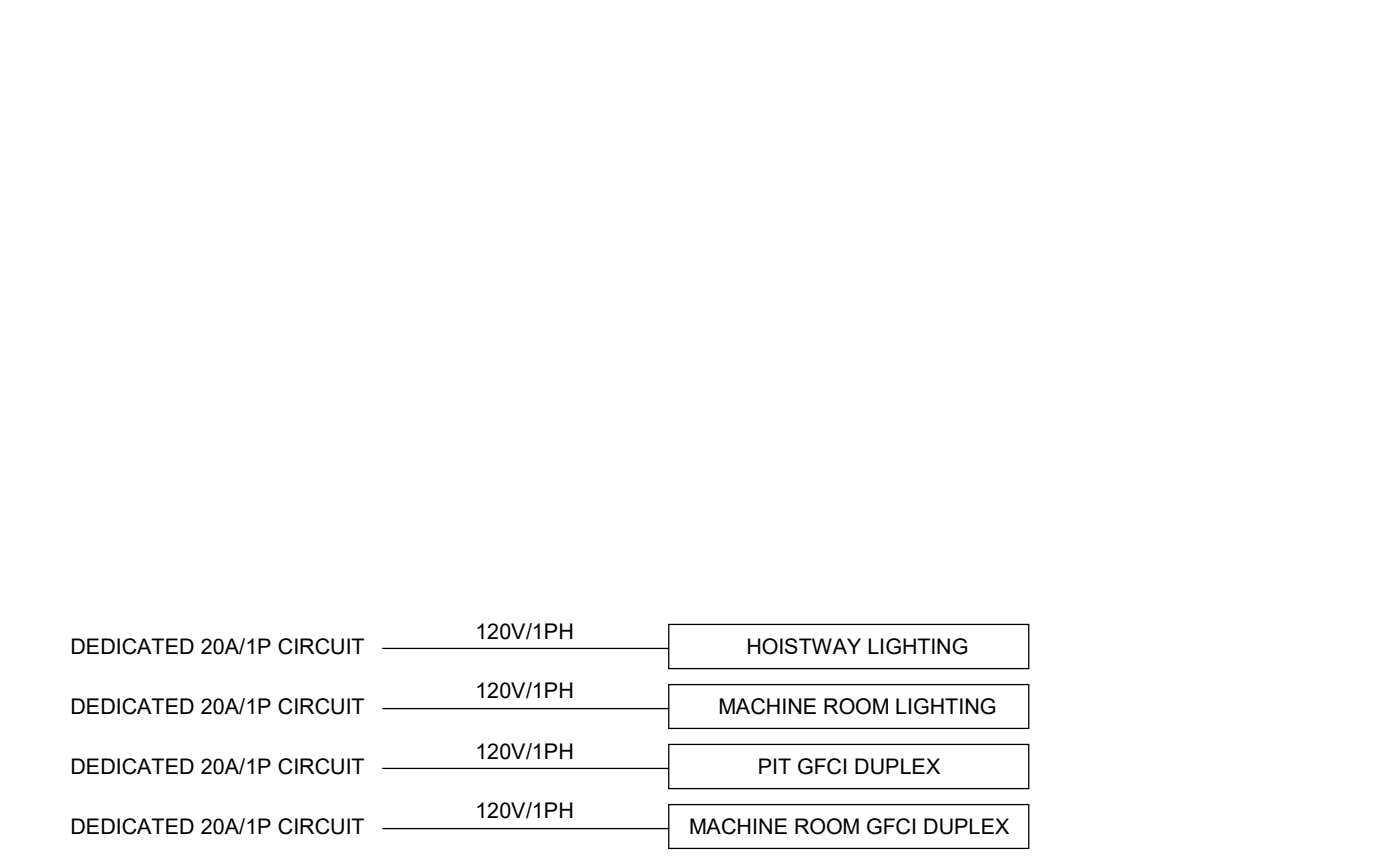


**KEY NOTES:**

- 1 EXISTING FUSED, LOCKABLE 200A MAIN DISCONNECT SWITCH WITH CAB LIGHTING INTEGRATED
- 2 NOT USED
- 3 FUSED, LOCKABLE 30A 120V/1POLE DISCONNECT SWITCH AND DEDICATED CAT6 DATA TERMINATION TO SERVE ELEVATOR CAB INTERNAL RESCUE ASSISTANCE SYSTEM.
- 4 FIRE ALARM SYSTEM HAT FLASH, PRIMARY RECALL, SECONDARY RECALL, SHUNT TRIP, AND SHUNT TRIP MONITOR RELAYS.
- 5 DEDICATED CIRCUIT 120V DUPLEX GFCI MAINTENANCE RECEPTACLE WITHIN MACHINE ROOM SPACE ADJACENT TO DISCONNECTS.
- 6 ELEVATOR HOISTWAY LIGHTING POWERED BY DEDICATED CIRCUIT. FOR EACH CAR, PROVIDE LIGHT FIXTURE AT TOP OF HOISTWAY, PIT, AND AT EACH FLOOR. FIXTURES ABOVE PIT LOCATED TO ILLUMINATE TOP OF CAR AT EACH STOP, TYPICAL 10' ABOVE EACH LEVEL.
- 7 PROVIDE HOISTWAY LIGHTING CONTROLS THREE WAY SWITCHES AT BOTTOM AND TOP FLOOR HOISTWAY ENTRIES. WHERE MULTIPLE CARS SHARE A COMMON HOISTWAY, PROVIDE 4 WAY SWITCHES AND PROVIDE SWITCH AT EACH CAR'S BOTTOM AND TOP FLOORS. SWITCH SHALL CONTROL ALL LIGHTING IN HOISTWAY AND PIT
- 8 PROVIDE A TOTAL OF (7) F1/F2 LIGHTING FIXTURES FOR SHAFT.



FEEDER SCHEDULE				
TAG	PHASE	GROUND	CONDUCTOR MATERIAL	CONDUIT
103E	1- SET (4) #3	#8	COPPER	EXISTING (1) 1 1/2"
104	1- SET (4) #3	#8	COPPER	(1) 1"
154	1- SET (4) #10	#6	COPPER	(1) 2"
154E	1- SET (4) #10	#4	COPPER	EXISTING (1) 1 1/2"



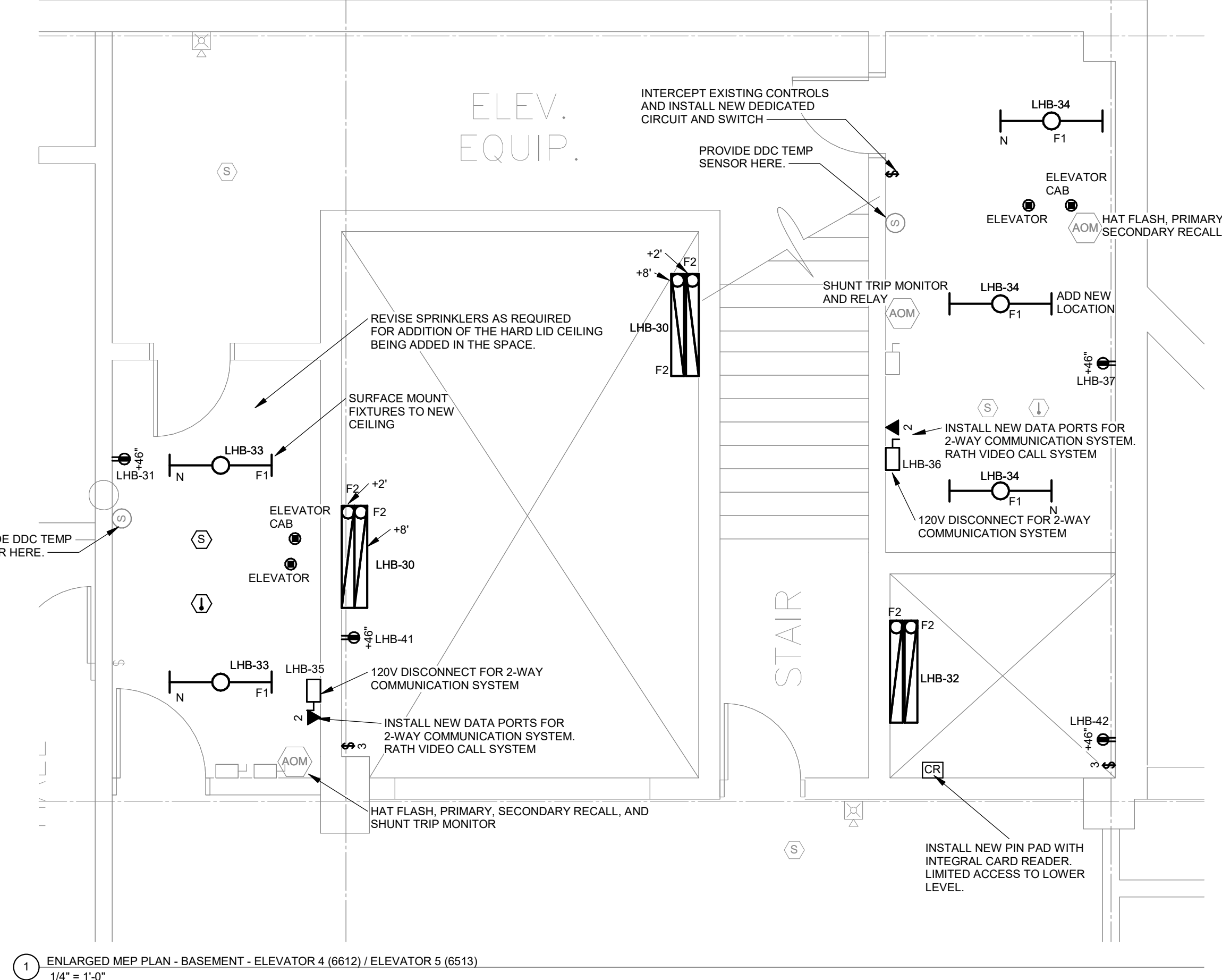
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**LIGHTING GENERAL NOTES**

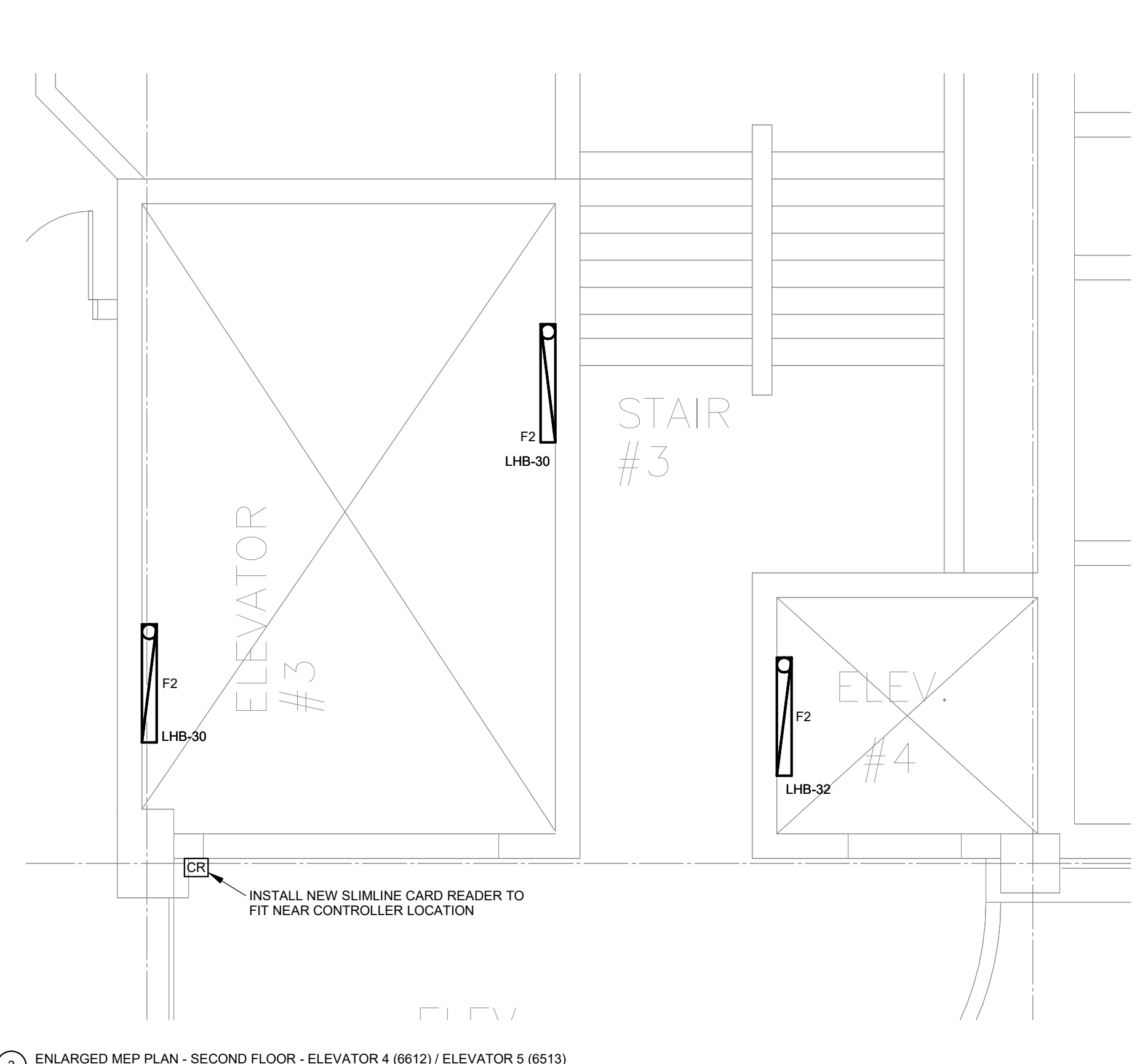
- A. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
- B. UNLESS NOTED OTHERWISE, CONNECT ALL EMERGENCY BATTERY FIXTURES WITH AN UN-SWITCHED LEG OF THE LIGHTING CIRCUIT THAT SERVES THE FIXTURES SPACE. MAINTAIN NORMAL SWITCHING SCHEME OF EMERGENCY FIXTURES UNDER NORMAL OPERATION.

**POWER GENERAL NOTES**

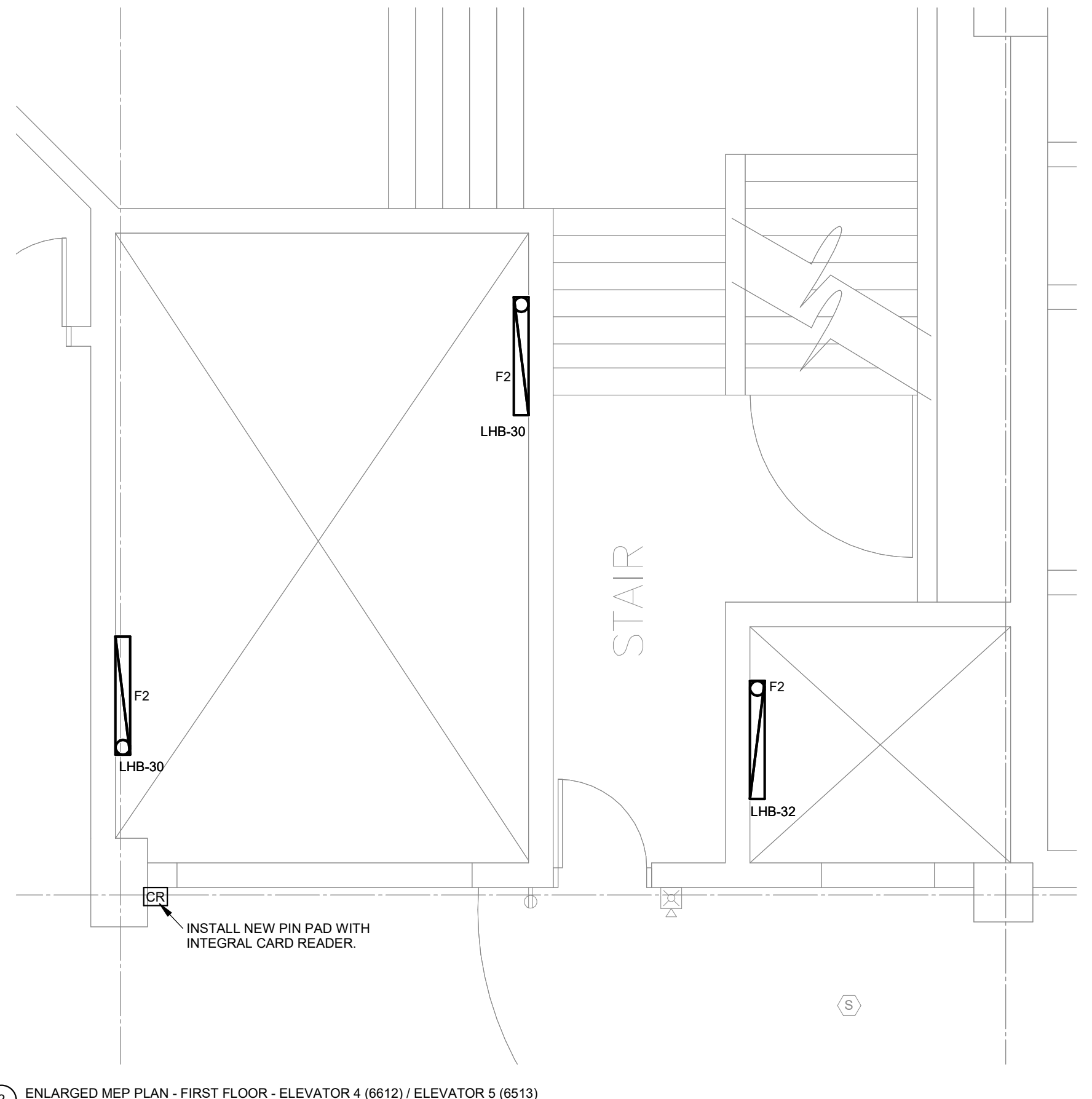
- A. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
- B. COORDINATE ELECTRICAL REQUIREMENTS FOR MECHANICAL UNITS WITH MECHANICAL CONTRACTOR AND FINAL MECHANICAL SHOP DRAWINGS.
- C. PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. COORDINATE FIRE RATED WALL PENETRATIONS AND PROVIDE CONDUIT SLEEVES AND FIRE STOPPING TO MAINTAIN RATING.



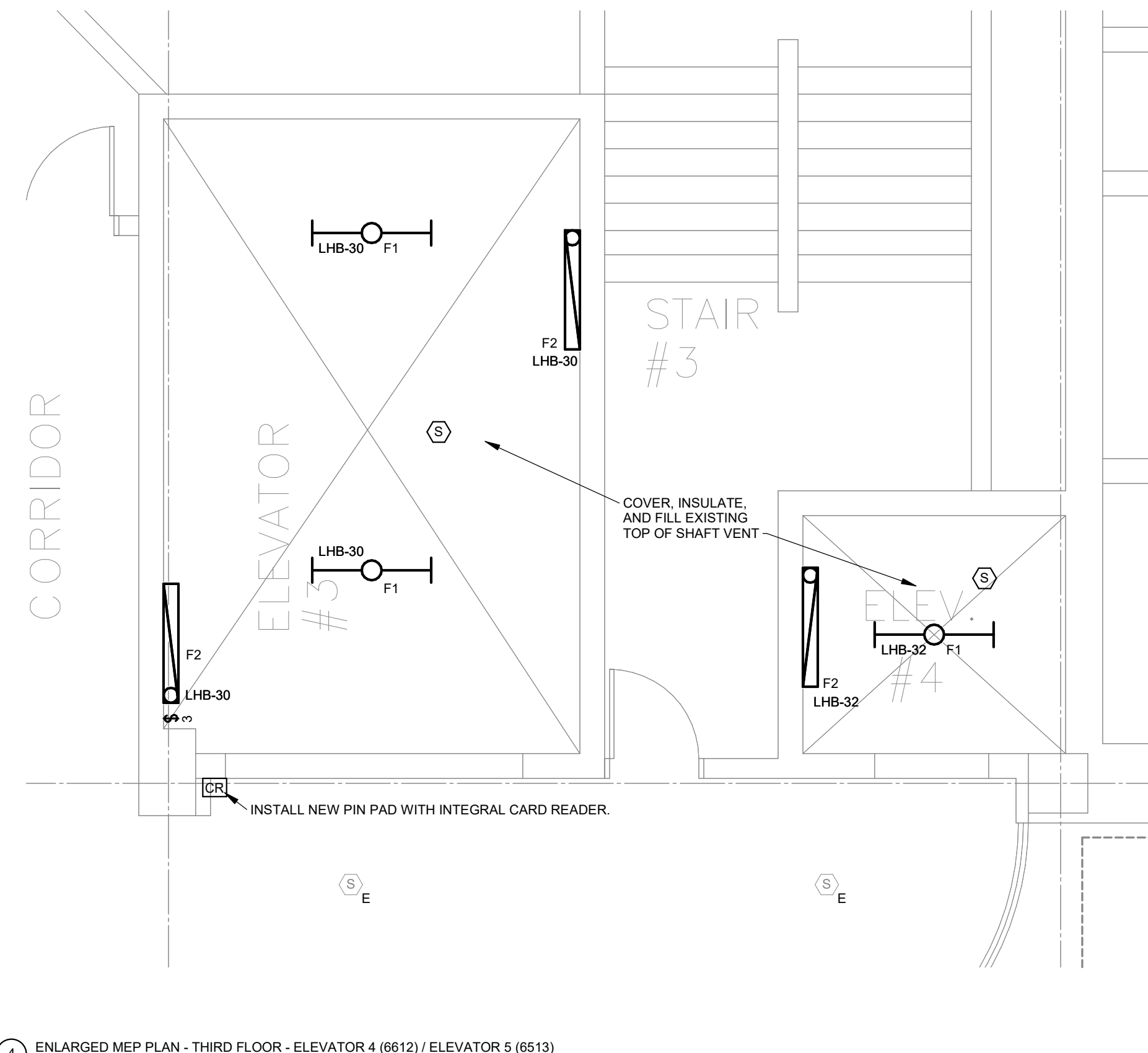
1 ENLARGED MEP PLAN - BASEMENT - ELEVATOR 4 (6612) / ELEVATOR 5 (6513)  
1/4" = 1'-0"



2 ENLARGED MEP PLAN - SECOND FLOOR - ELEVATOR 4 (6612) / ELEVATOR 5 (6513)  
1/4" = 1'-0"



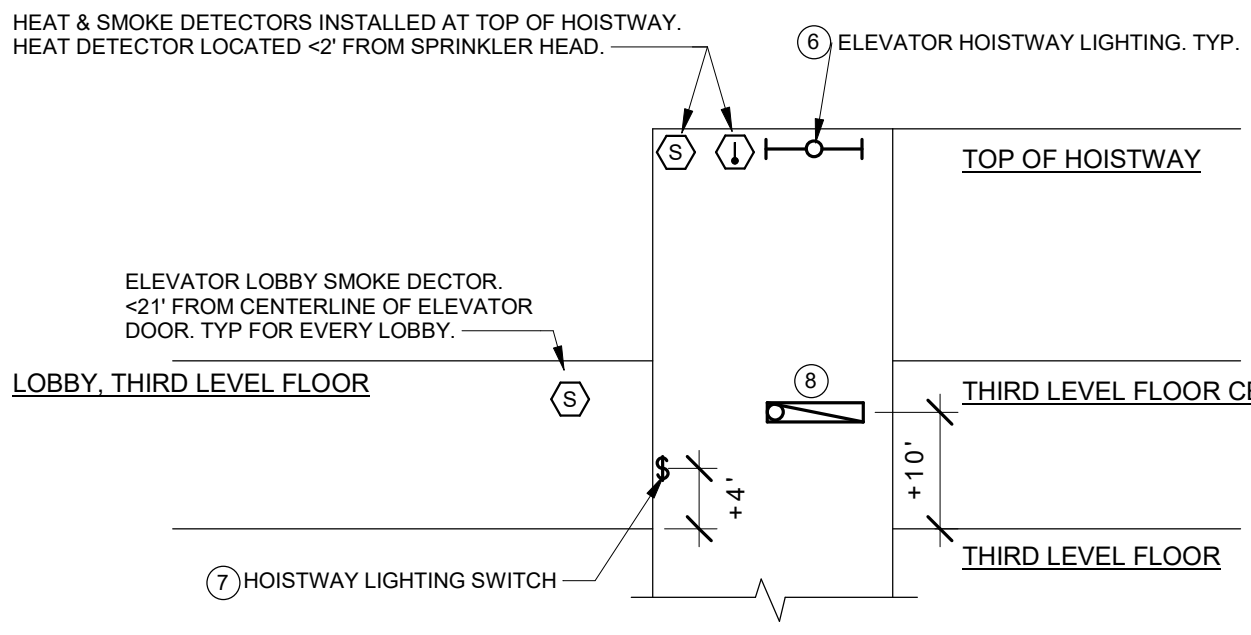
3 ENLARGED MEP PLAN - FIRST FLOOR - ELEVATOR 4 (6612) / ELEVATOR 5 (6513)  
1/4" = 1'-0"



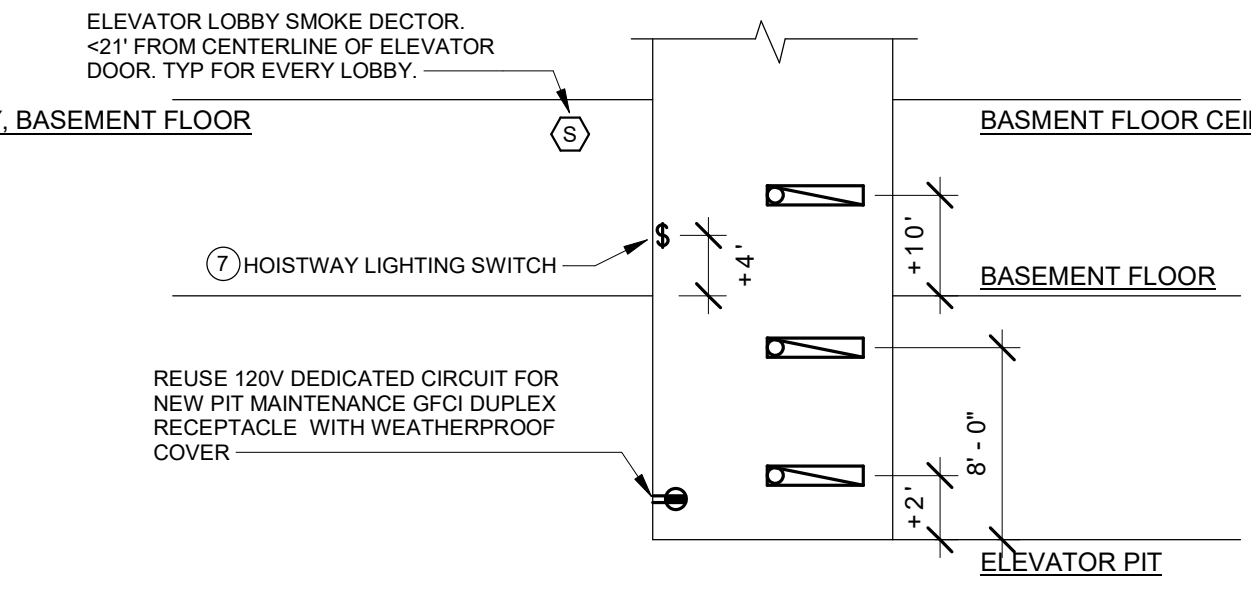
4 ENLARGED MEP PLAN - THIRD FLOOR - ELEVATOR 4 (6612) / ELEVATOR 5 (6513)  
1/4" = 1'-0"

**KEY NOTES:**

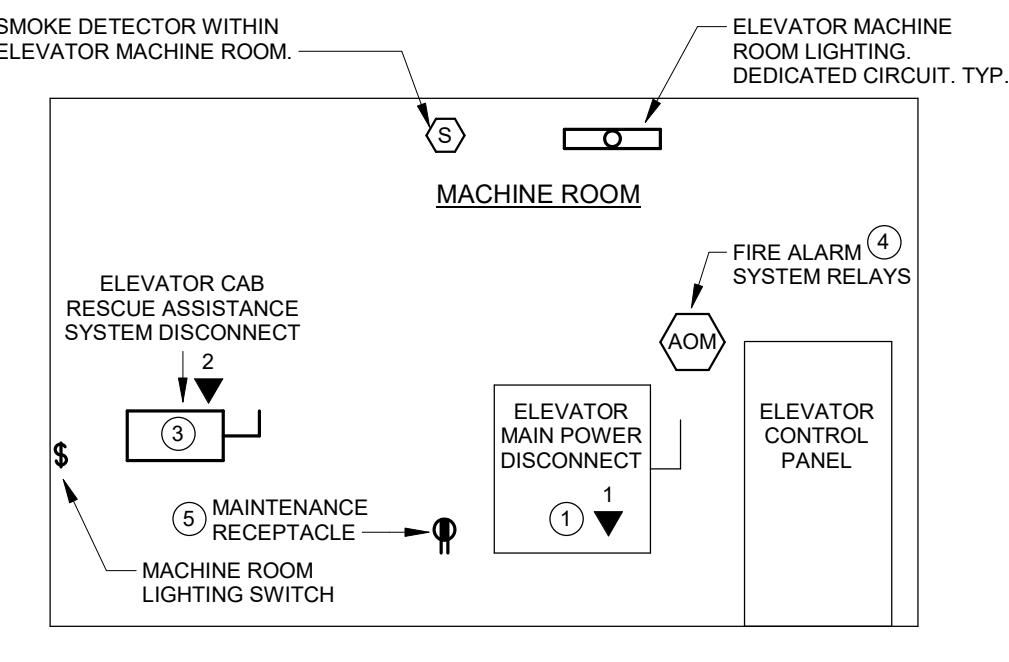
- 1 EXISTING FUSED, LOCKABLE 200A MAIN DISCONNECT SWITCH WITH CAB LIGHTING INTEGRATED
- 2 NOT USED
- 3 FUSED, LOCKABLE 30A 120V/1POLE DISCONNECT SWITCH AND DEDICATED CAT6 DATA TERMINATION TO SERVE ELEVATOR CAB INTERNAL RESCUE ASSISTANCE SYSTEM.
- 4 FIRE ALARM SYSTEM HAT FLASH, PRIMARY RECALL, SECONDARY RECALL, SHUNT TRIP, AND SHUNT TRIP MONITOR RELAYS.
- 5 DEDICATED CIRCUIT 120V DUPLEX GFCI MAINTENANCE RECEPTACLE WITHIN MACHINE ROOM SPACE ADJACENT TO DISCONNECTS.
- 6 ELEVATOR HOISTWAY LIGHTING POWERED BY DEDICATED CIRCUIT. FOR EACH CAR, PROVIDE LIGHT FIXTURE AT TOP OF HOISTWAY, PIT, AND AT EACH FLOOR. FIXTURES ABOVE PIT LOCATED TO ILLUMINATE TOP OF CAR AT EACH STOP, TYPICAL 10' ABOVE EACH LEVEL.
- 7 PROVIDE HOISTWAY LIGHTING CONTROLS THREE WAY SWITCHES AT BOTTOM AND TOP FLOOR HOISTWAY ENTRIES, WHERE MULTIPLE CARS SHARE A COMMON HOISTWAY. PROVIDE 4 WAY SWITCHES AND PROVIDE SWITCH AT EACH CAR'S BOTTOM AND TOP FLOORS. SWITCH SHALL CONTROLS ALL LIGHTING IN HOISTWAY AND PIT
- 8 PROVIDE A TOTAL OF (7) F1/F2 LIGHTING FIXTURES FOR ELEVATOR 4 SHAFT. INSTALL FIXTURES ON BOTH SIDES OF THE FREIGHT ELEVATOR FOR A TOTAL OF (14) FIXTURES.



5 ELEVATOR SYSTEM DETAIL FOR ELEVATORS 4 AND 5 NOT TO SCALE

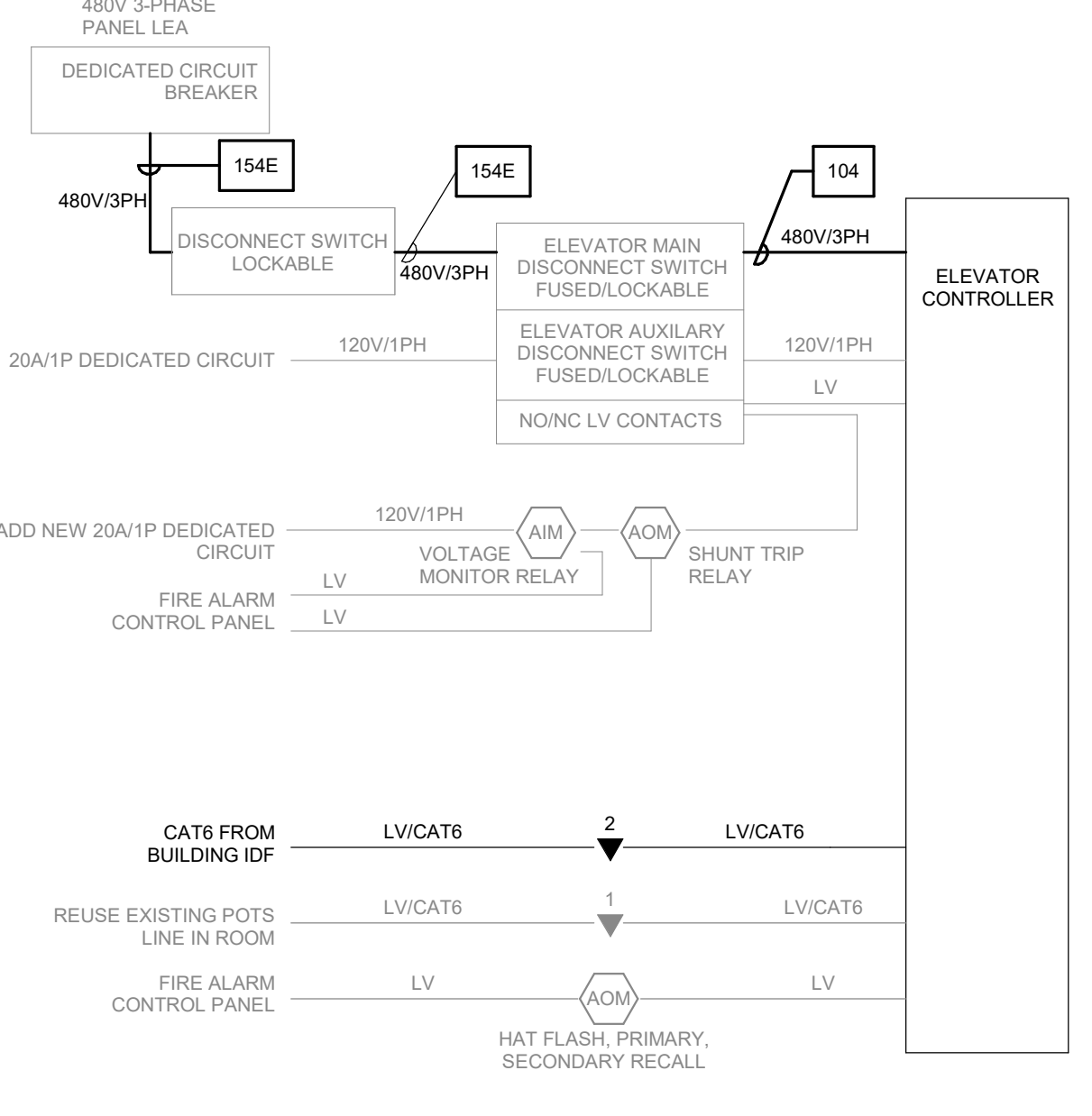


6 ELEVATOR SYSTEM DETAIL FOR ELEVATORS 4 AND 5 NOT TO SCALE

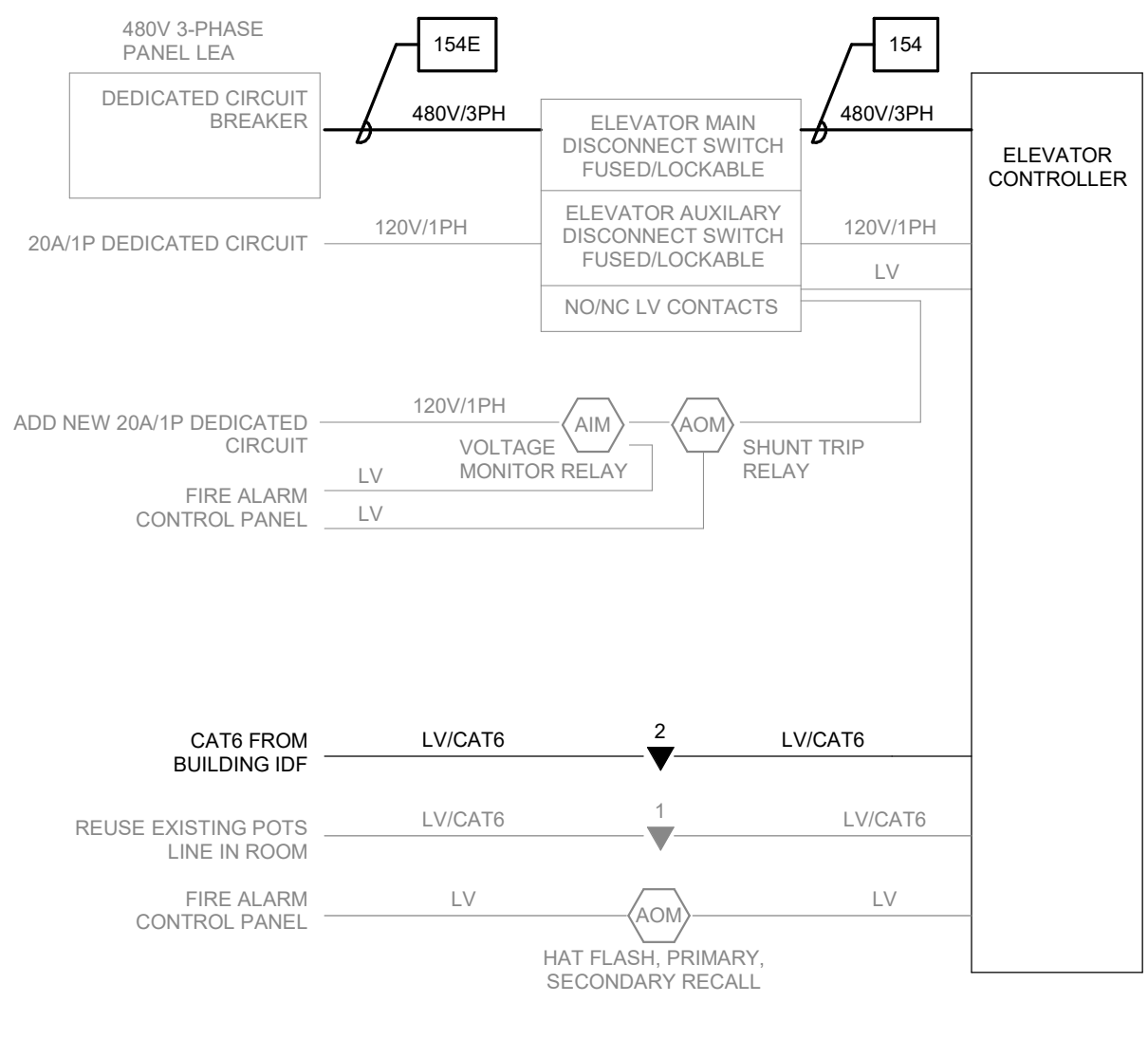


7 ELEVATOR SYSTEM DETAIL ELEVATOR 4 NOT TO SCALE

TAG	PHASE	GROUND	CONDUCTOR MATERIAL	CONDUIT
103E	1- SET (4) #3	#8	COPPER	EXISTING (1) 1 1/2"
104	1- SET (4) #3	#8	COPPER	(1) 1"
154	1- SET (4) #10	#6	COPPER	(1) 2"
154E	1- SET (4) #10	#4	COPPER	EXISTING (1) 1 1/2"



8 ELEVATOR SYSTEM DETAIL ELEVATOR 4 NOT TO SCALE



9 ELEVATOR SYSTEM DETAIL ELEVATOR 5 NOT TO SCALE