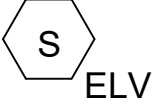


FIRE ALARM — EBC COMPLIANCE				
ADDITION — NEW CONSTRUCTION STANDARD (EBC Chapter 11)				
Section	Subject	Requirements	Applies?	Compliance
EBC §1104.4	NEW FIRE ALARM SYSTEM	A NEW FIRE ALARM SYSTEM IS REQUIRED FOR THE ENTIRE BUILDING AND ADDITION. FIRE ALARM COMPONENTS FOR THE ADDITION SHALL BE CONNECTED TO THE SYSTEM SERVING THE MAIN USE OR DOMINANT OCCUPANCY OF THE EXISTING BUILDING.	Y	COMPLIES. NEW FIRE ALARM SYSTEM PROVIDED FOR ENTIRE BUILDING AND ADDITION, CONNECTED TO A NEW FIRE ALARM CONTROL PANEL.
EBC §1104.4.1.2	AUXILIARY RADIO COMMUNICATION SYSTEM	AN AUXILIARY RADIO COMMUNICATION SYSTEM IS REQUIRED WHERE TOTAL BUILDING AREA EXCEEDS 250,000 SF.	N	DOES NOT APPLY. TOTAL BUILDING AREA UPON COMPLETION = 112,000 SF, BELOW THE 250,000 SF THRESHOLD.
EBC §1104.4.2 / NYC BC §403 / §907.2.13	HIGH-RISE FIRE ALARM REQUIREMENTS	HIGH-RISE FIRE ALARM REQUIREMENTS OF §907.2.13 APPLY WHERE BUILDING HEIGHT EXCEEDS 75 FT PER NYC BC §403.	N	DOES NOT APPLY. TOTAL BUILDING HEIGHT = 74 FT, BELOW THE 75 FT HIGH-RISE THRESHOLD. §907.2.13 REQUIREMENTS DO NOT APPLY.
EXISTING BUILDING — ALTERATION LEVEL 1 (EBC Chapter 8)				
Section	Subject	Requirements	Applies?	Compliance
EBC §1104.5	FIRE PROTECTION IN ALTERATION WORK	ALTERATION WORK WITHIN THE EXISTING BUILDING SHALL COMPLY WITH THE FIRE PROTECTION REQUIREMENTS OF EBC CHAPTER 8 AS APPLICABLE.	Y	COMPLIES. ALTERATION WORK AT 1ST FLOOR LOBBY, STAIRS, AND ELEVATOR PENETRATIONS COMPLIES WITH APPLICABLE PROVISIONS OF EBC CHAPTER 8 INCLUDING FIRE/SMOKE DAMPER OPERATIONAL TESTING (§809.6, §809.7).

FIRE ALARM SYMBOL LIST		FIRE ALARM ABBREVIATIONS	
SYMBOL	DESCRIPTION		
	CEILING MOUNTED AREA SMOKE DETECTOR	AFF	ABOVE FINISHED FLOOR
	CEILING MOUNTED ELEVATOR LOBBY SMOKE DETECTOR	C	CONDUIT
	DUCT SMOKE DETECTOR	E	EXISTING
	FIRE COMMAND CENTER	EL	EXISTING TO BE LOWERED
	FIRE PUMP TROUBLE	ELV	ELEVATOR LOBBY
	FIRE PUMP RUNNING	EMT	ELECTRIC METALLIC TUBING
	FIRE PUMP PHASE REVERSAL	ER	EXISTING TO BE RELOCATED
	FIRE ALARM RELAY	FA	FIRE ALARM
	FIRE ALARM MANUAL PULL STATION, WALL MOUNTED (48" AFF)	FCS	FIRE COMMAND STATION
	TAMPER SWITCH	FACP	FIRE ALARM CONTROL PANEL
	WATER FLOW SWITCH	FDS	FUSED DISCONNECT SWITCH
	MONITOR MODULE	FSAE	FIRE SERVICE ACCESS ELEVATOR
	CONTROL MODULE	G	GROUND
	FUSED DISCONNECT SWITCH, REFER TO RISER DIAGRAM FOR FURTHER INFORMATION	N	NEW
	STAIR HORN STROBE	NTS	NOT TO SCALE
	OFFICE HORN STROBE	R	REMOVE
	DATA GATHERING PANEL	RGS	RIGID GALVANIZED STEEL
	FIRE ALARM TERMINAL BOX	RP	RELOCATED POSITION
	REMOTE ANUNCIATOR	UON	UNLESS OTHERWISE NOTED
	SMOKE PURGE DAMPER	W	WIRE
	FIRE SMOKE DAMPER		

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ENERGY SUBMISSION AND SPECIAL INSPECTIONS ARE REQUIRED BUT NOT SHOWN FOR EBC TRAINING PURPOSES.

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2026.08.14

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2026.07.21

SUBMIT FOR DOB REVIEW

2026.06.16

SUBMIT FOR DOB REVIEW

2026.06.02

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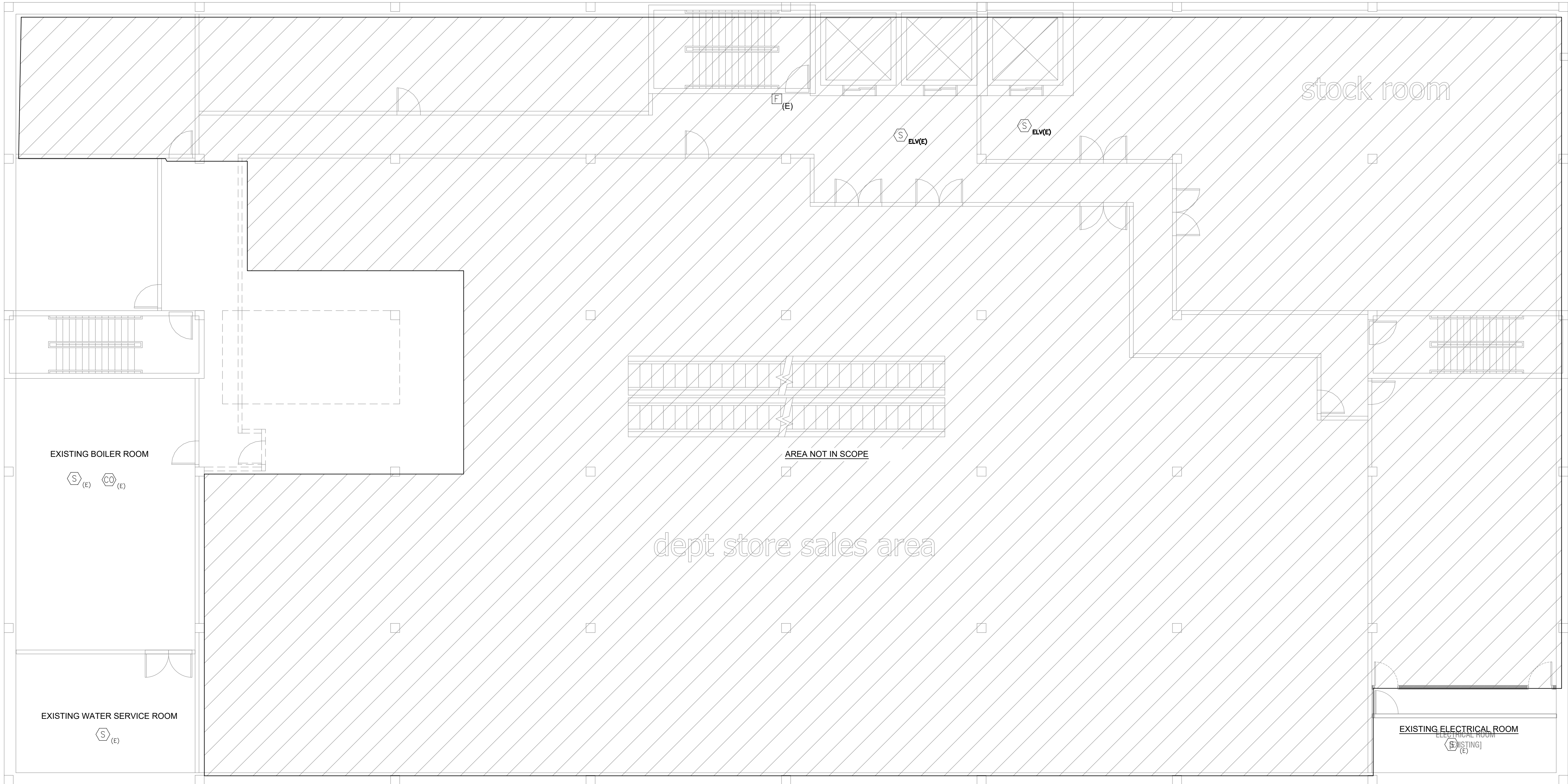
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DRAWING TITLE:
FIRE ALARM
CODE ANALYSIS

PROJECT #: DRAWN BY: SHEET TITLE:

FA-003.00



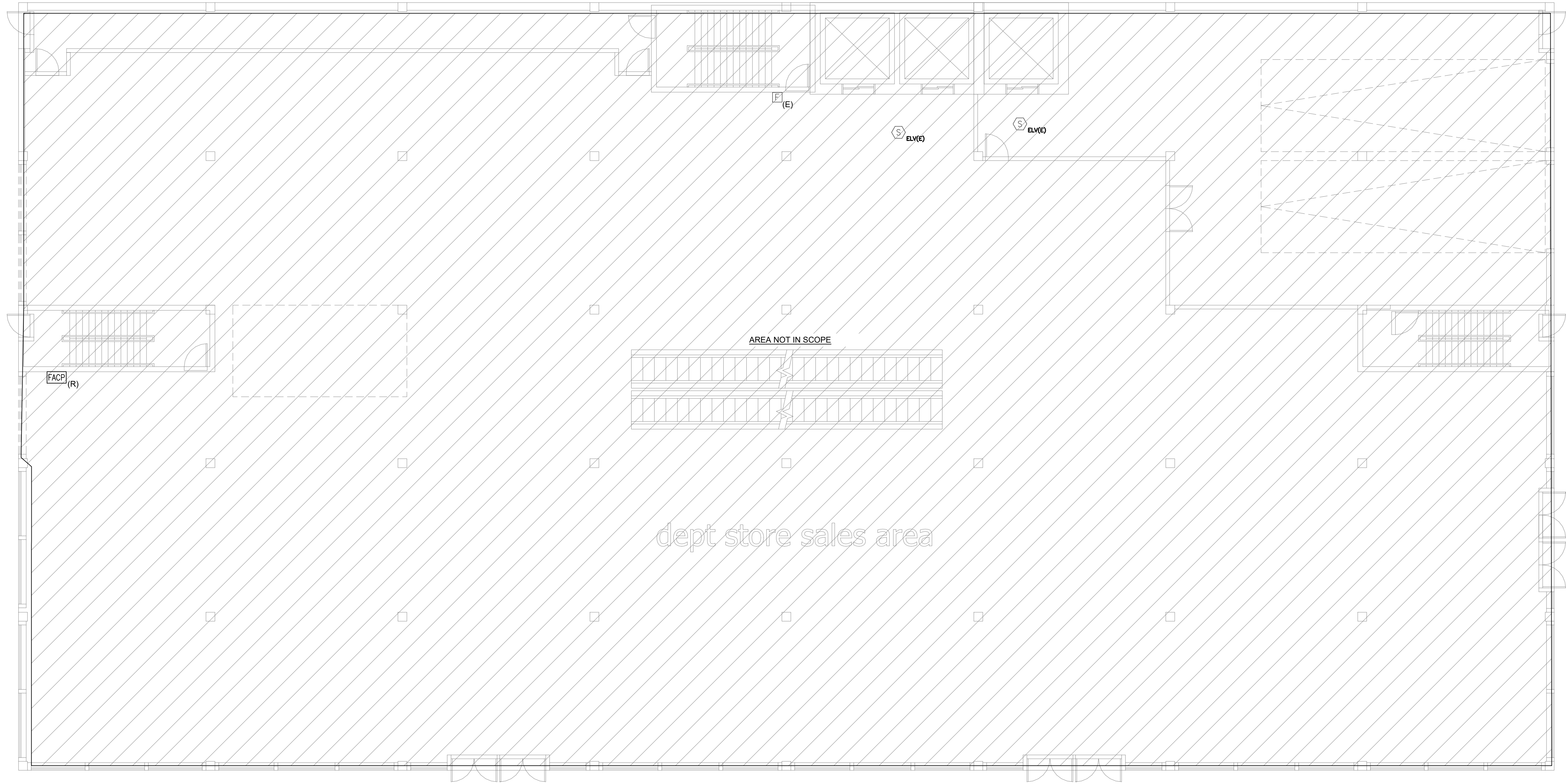
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CELLAR - DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

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1 GROUND FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

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2026.06.02

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DRAWING TITLE:

FIRE ALARM
GROUND FLOOR
DEMOLITION PLAN

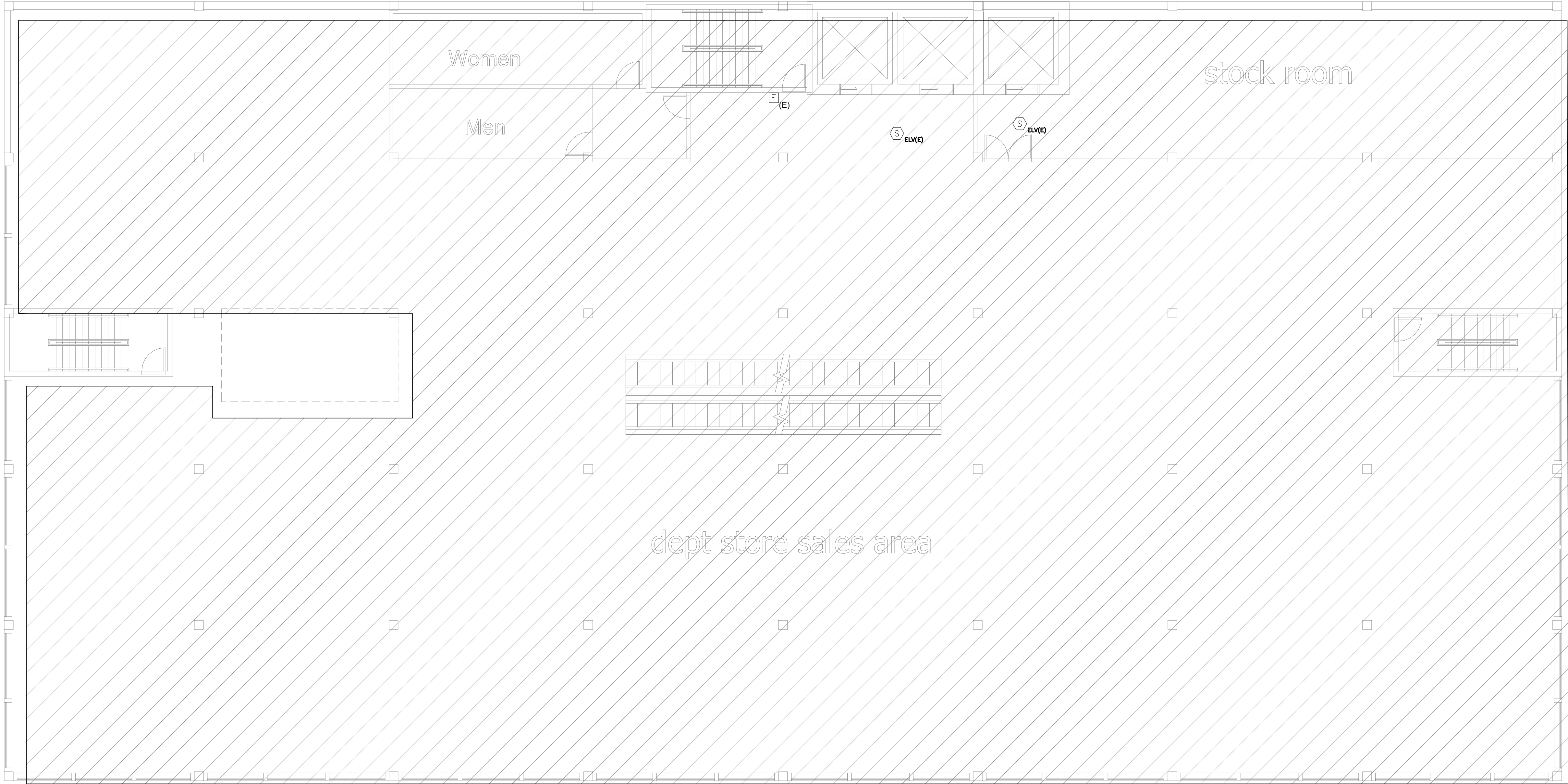
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INTERNATIONAL
CODE COUNCIL



1 2ND&3RD FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

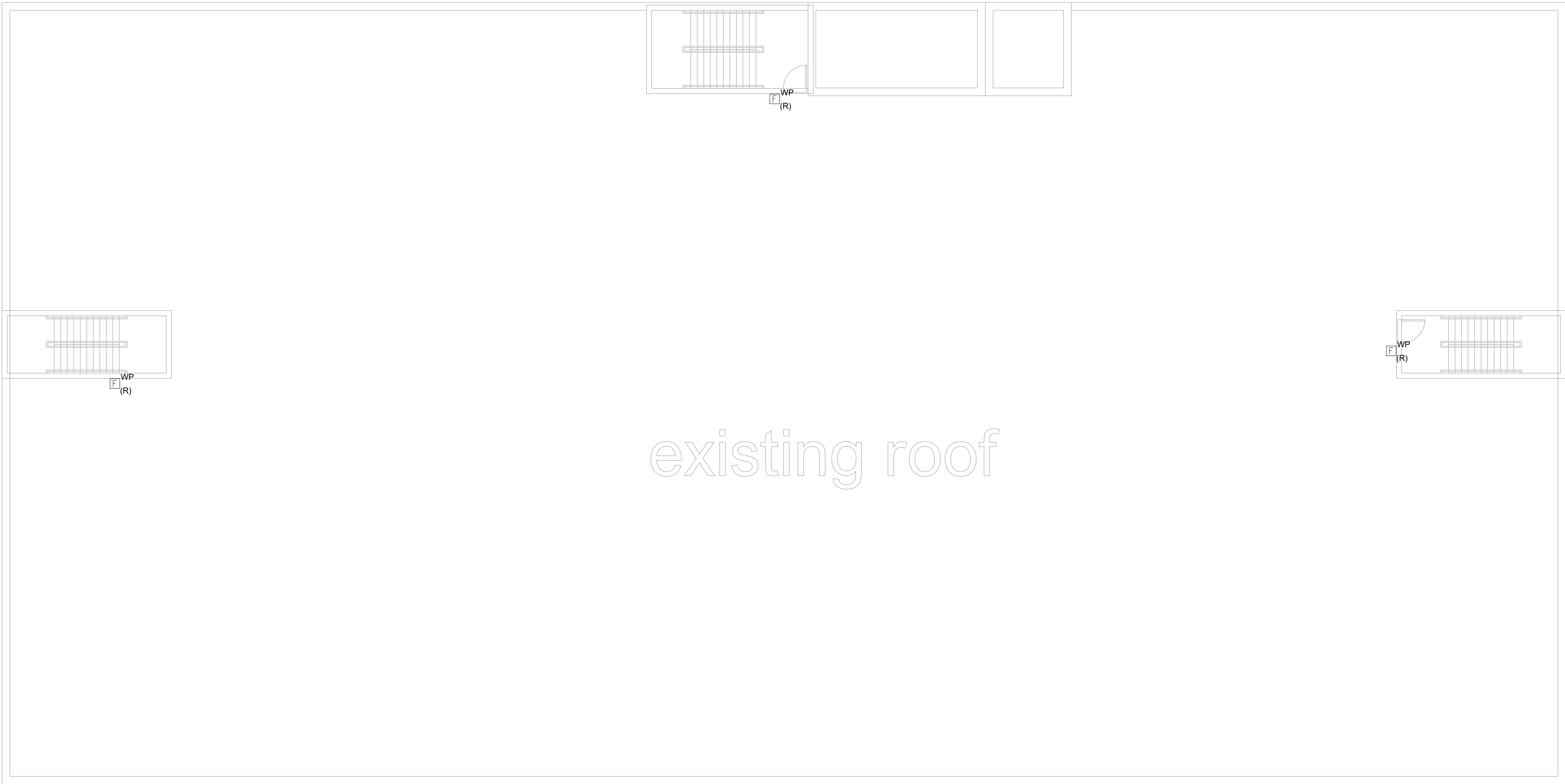
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EBC CASE STUDY 02
DEPARTMENT STORE

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2026.06.16	SUBMIT FOR DOB REVIEW
2026.06.02	SUBMIT FOR DOB REVIEW
2026.05.26	SUBMIT FOR DOB REVIEW

FIRE ALARM
2ND & 3RD FLOOR
DEMOLITION PLAN

FA-102.00



1 ROOF DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

FOR EBC TRAINING PURPOSES ONLY

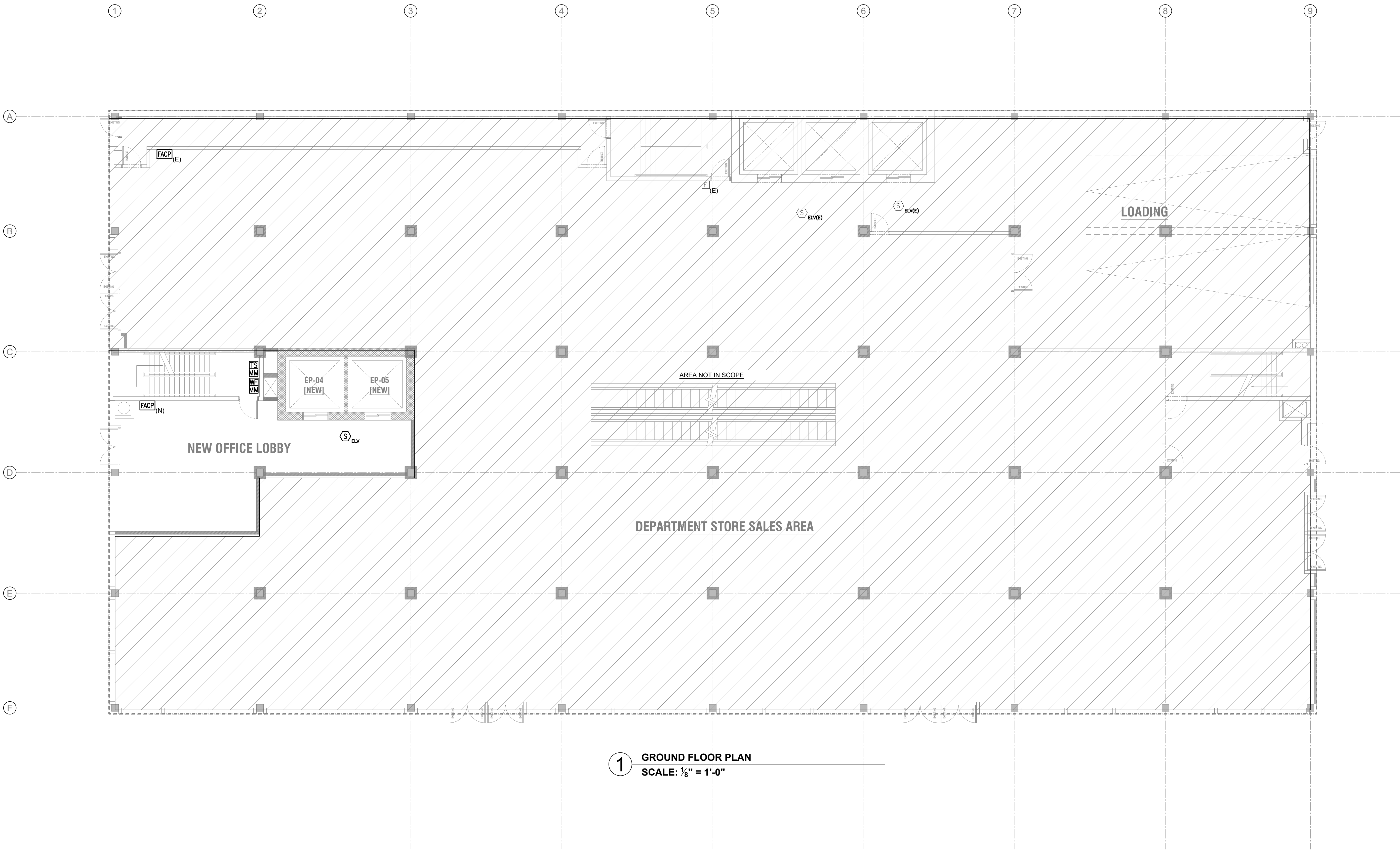
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EBC CASE STUDY 02
DEPARTMENT STORE

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1 GROUND FLOOR PLAN
SCALE: 1/8" = 1'-0"

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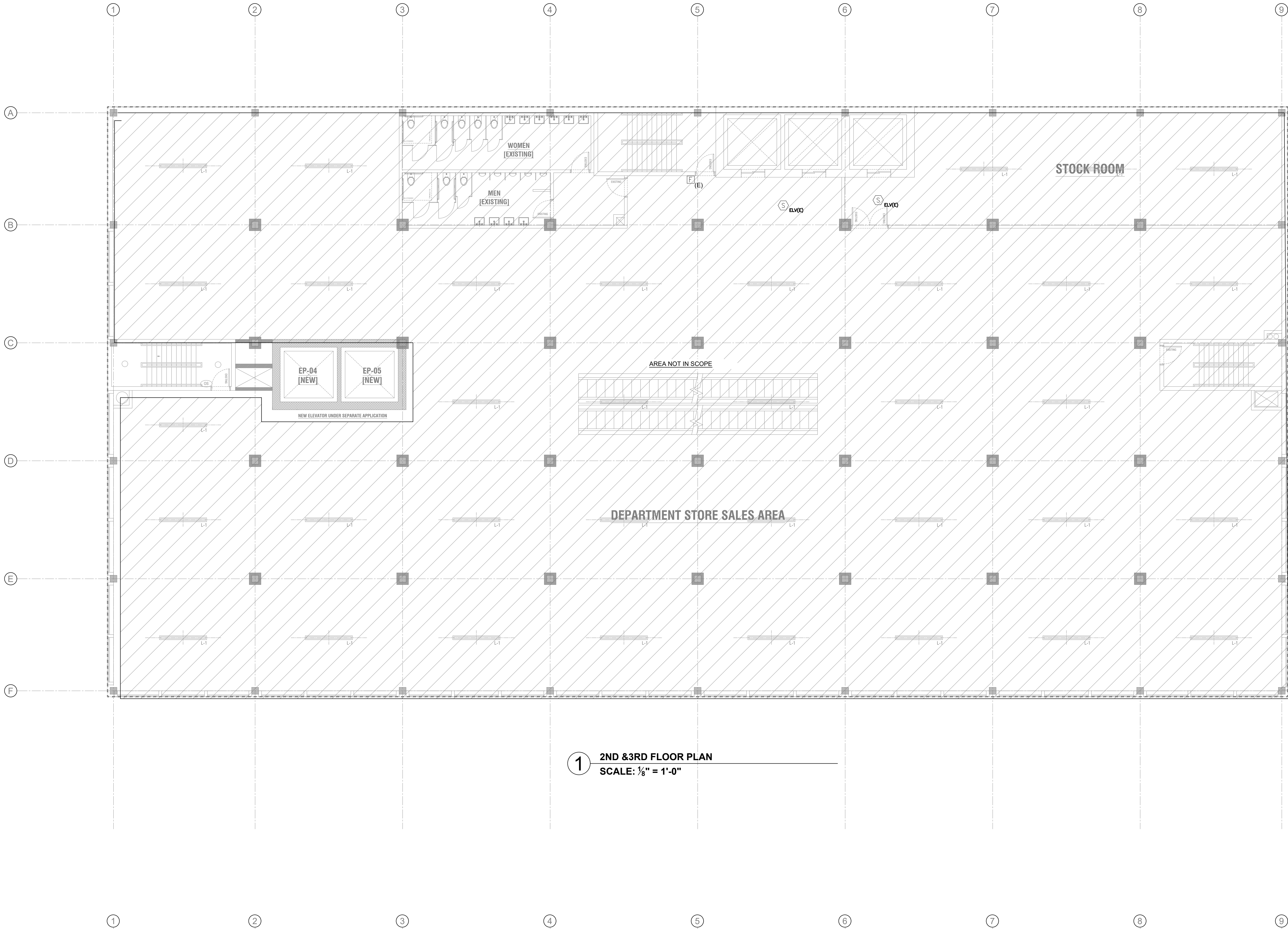
EBC CASE STUDY 02
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**FIRE ALARM
GROUND FLOOR PLAN**

FA-201.00

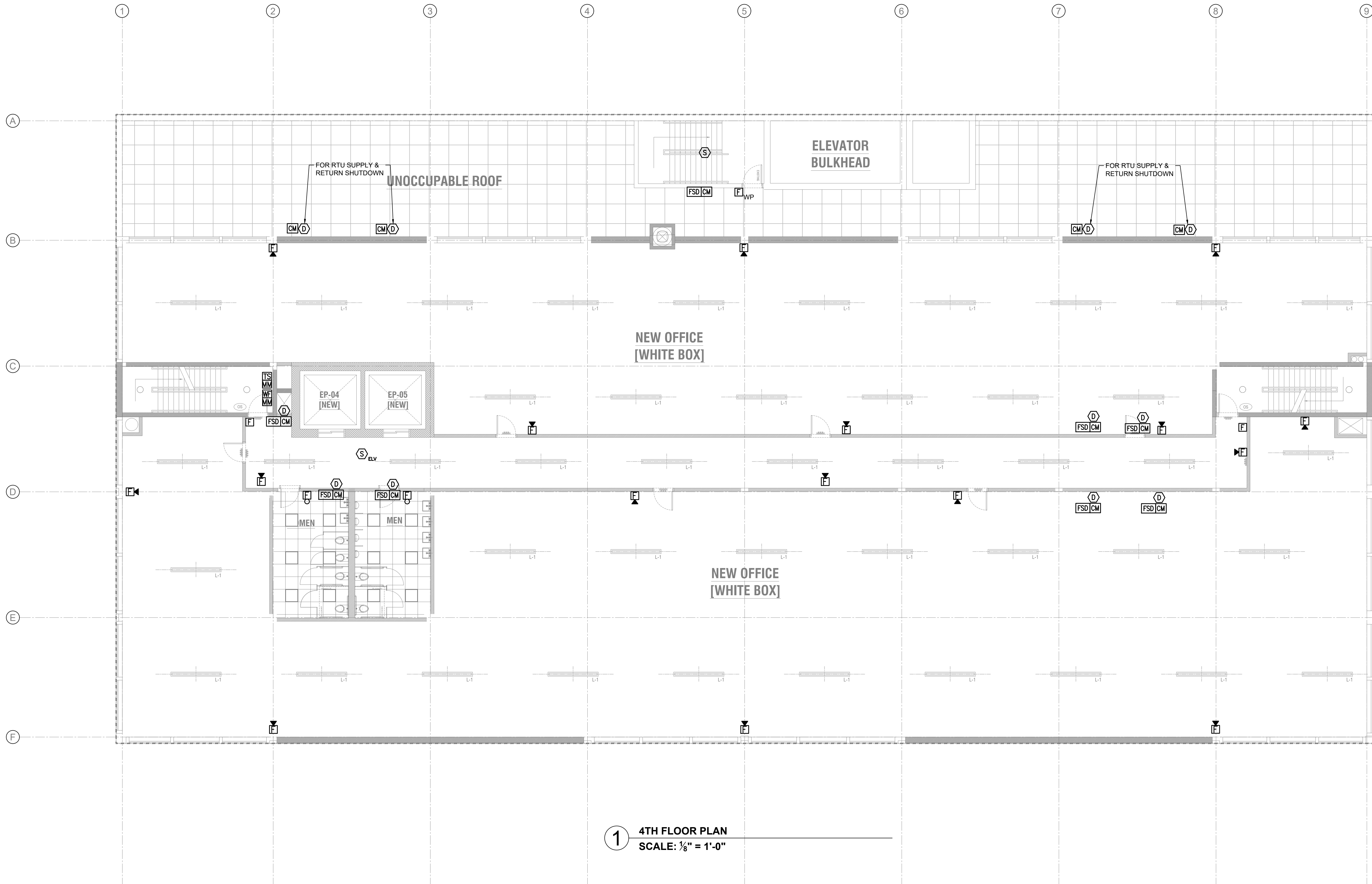
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1 2ND & 3RD FLOOR PLAN
SCALE: 1/8" = 1'-0"

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EBC CASE STUDY 02
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2026.06.02	SUBMIT FOR DOB REVIEW
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DRAWING TITLE:

FIRE ALARM
5TH FLOOR PLAN

PROJECT #:

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1

5TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

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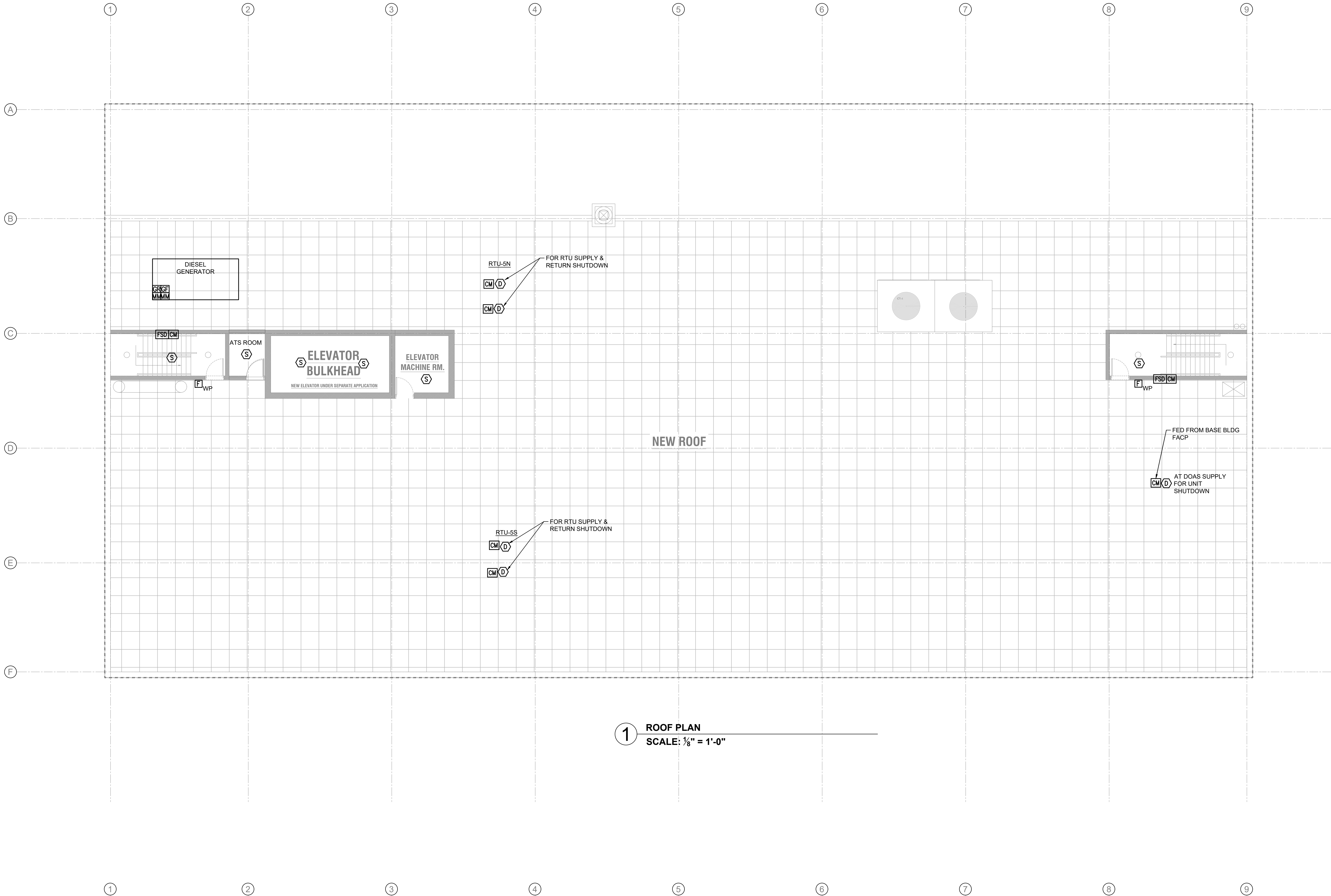
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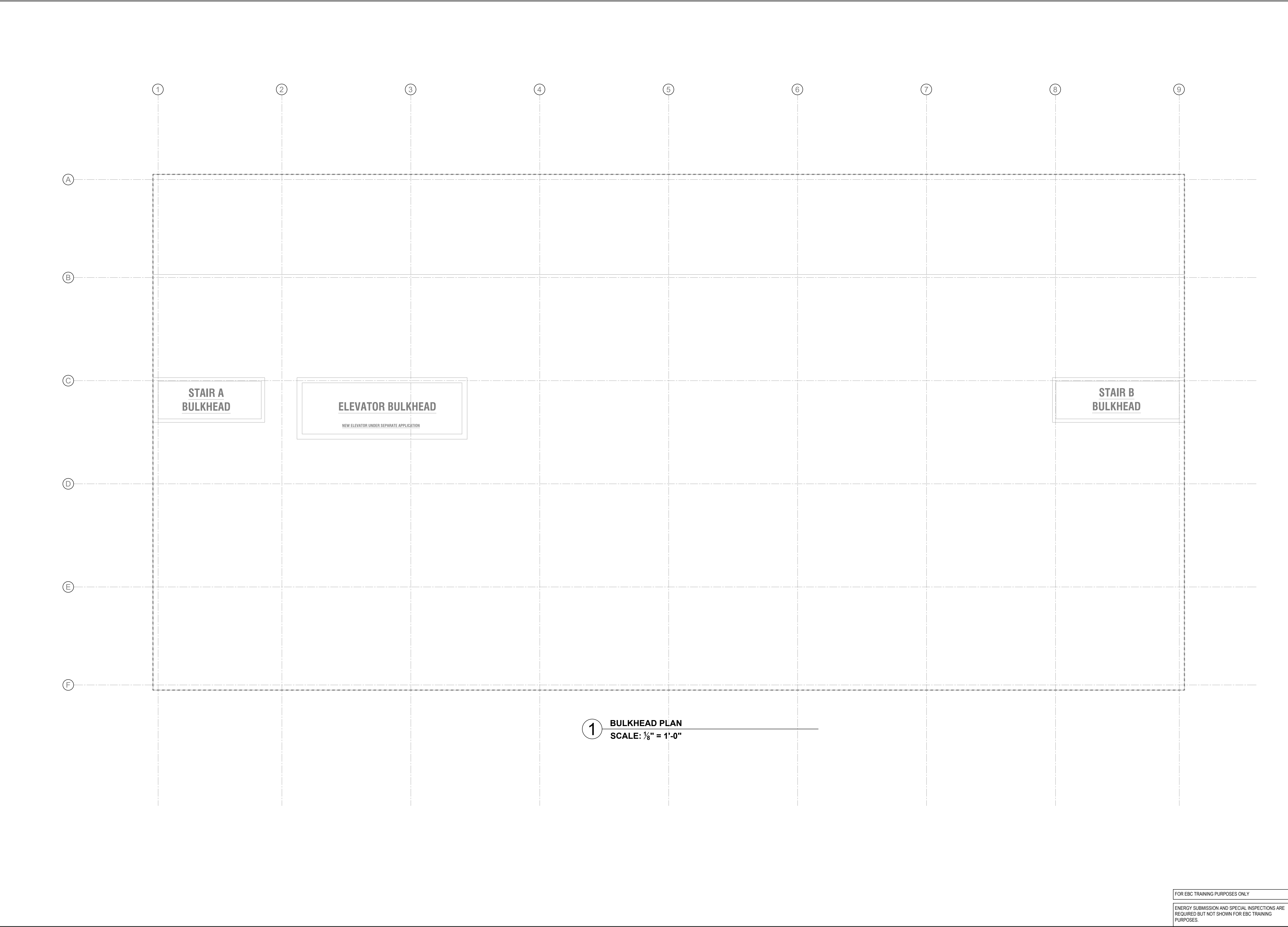
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FIRE ALARM
ROOF PLAN

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2026.06.02SUBMIT FOR DOB REVIEW

2026.05.26SUBMIT FOR DOB REVIEW

DRAWING TITLE:
**FIRE ALARM
BULKHEAD PLAN**

PROJECT #:

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SHEET TITLE:
FA-206.00

