



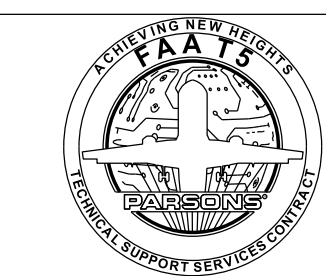
ELM / ATCT - ELMIRA, NEW YORK TOWER SIMULATION SYSTEM (TSS)



DRAWING LIST

DRAWING NO.	REV.	DATE	DESCRIPTION
ELM-25014171-G001		05/07/2026	ATCT TOWER SIMULATION SYSTEM COVER, INDEX, AND VICINITY MAP
ELM-25014171-D001		05/07/2026	ATCT TOWER SIMULATION SYSTEM DEMOLITION THIRD FLOOR PLAN
ELM-25014171-D002		05/07/2026	ATCT TOWER SIMULATION SYSTEM DEMOLITION HVAC THIRD FLOOR PLAN
ELM-25014171-D003		05/07/2026	ATCT TOWER SIMULATION SYSTEM DEMOLITION BASE BUILDING GROUND LEVEL POWER PLAN
ELM-25014171-A001		05/07/2026	ATCT TOWER SIMULATION SYSTEM ARCHITECTURAL TRACON ENLARGED PARTIAL FLOOR PLANS
ELM-25014171-M001		05/07/2026	ATCT TOWER SIMULATION SYSTEM MECHANICAL HVAC SECOND & THIRD FLOOR PLAN
ELM-25014171-E001		05/07/2026	ATCT TOWER SIMULATION SYSTEM ELECTRICAL THIRD FLOOR NEW WORK PLAN
ELM-25014171-E002		05/07/2026	ATCT TOWER SIMULATION SYSTEM ELECTRICAL TSS ROOM LIGHTING PLAN
ELM-25014171-E003		05/07/2026	ATCT TOWER SIMULATION SYSTEM ELECTRICAL PANEL SCHEDULE

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 100 Walnut Street
 Pasadena, CA 91124
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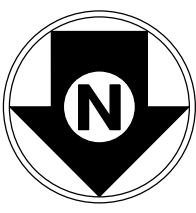


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 ISSUE FOR CONSTRUCTION - 05/07/2026

REV	03/04/2026	CONSTRUCTION DT#SO23033	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA					
ATCT TOWER SIMULATION SYSTEM COVER SHEET INDEX AND VICINITY MAP					
ELMIRA		ELMIRA/CORNING REGIONAL AIRPORT		NY	
REVIEWED BY	SUBMITTED BY	APPROVED BY			
	DO NOT SIGN	DO NOT SIGN			
PROJECT ENGINEER		MGR: ENGINEERING CENTER			
DESIGNED	JH	ISSUED BY	DATE	JCN	25014171
DRAWN	EG	ENGINEERING SERVICES	DRAWING NO	ELM-25014171-G001	
CHECKED	DW	INFRASTRUCTURE	REV		

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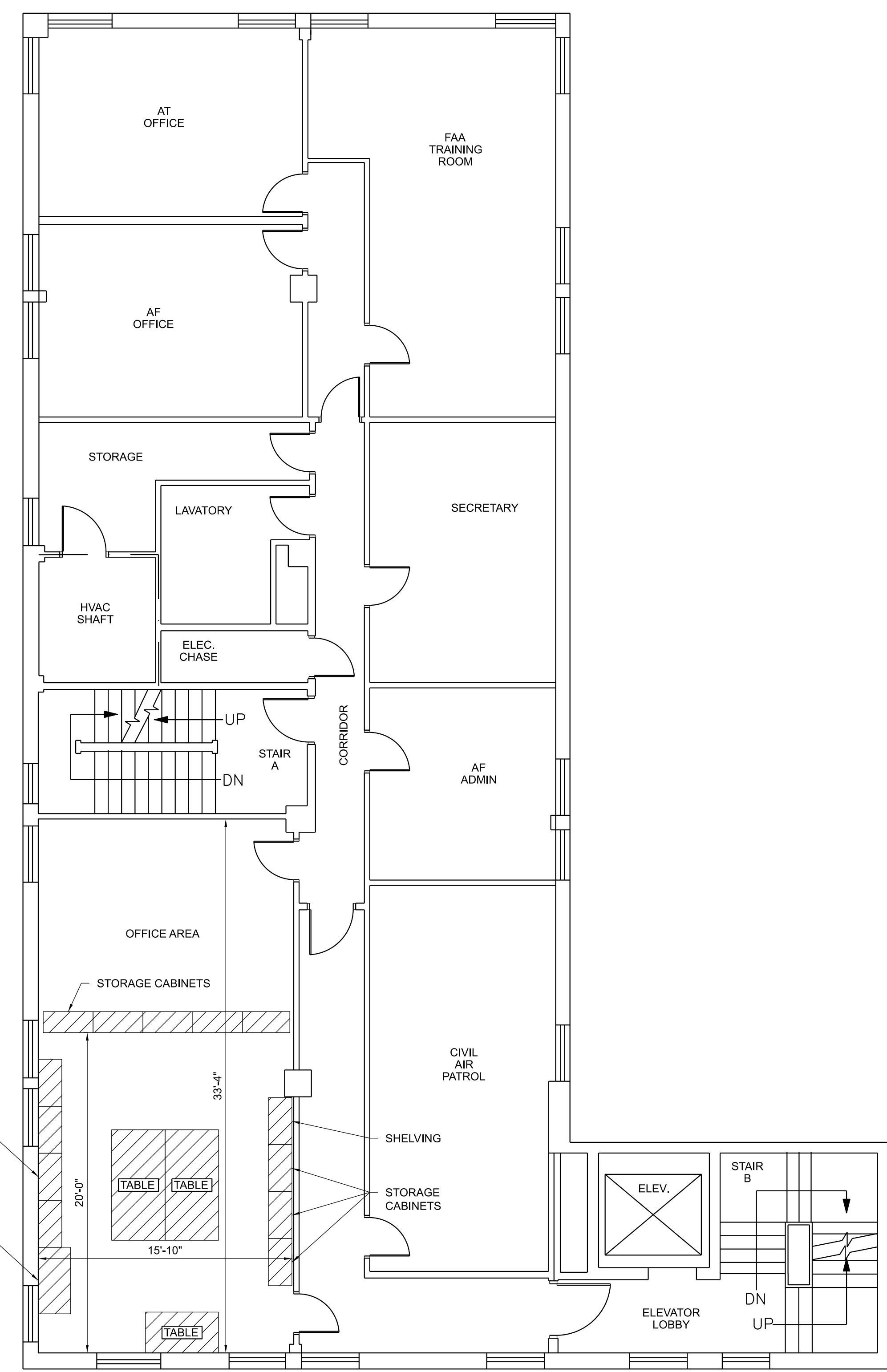
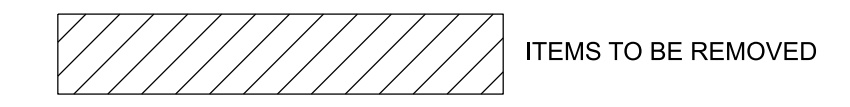
ISSUED FOR CONSTRUCTION
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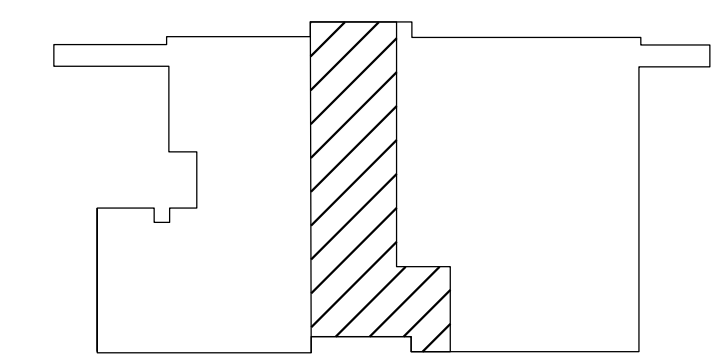
NOTES

- 1. REMOVE INDICATED ITEMS AND RELOCATE PER FAA DIRECTION.

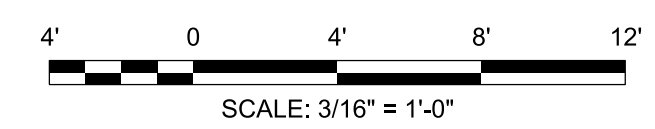
LEGEND



1 THIRD FLOOR DEMOLITION - PLAN
 D001 SCALE: 3/16" = 1'-0"



KEY PLAN
 NOT TO SCALE



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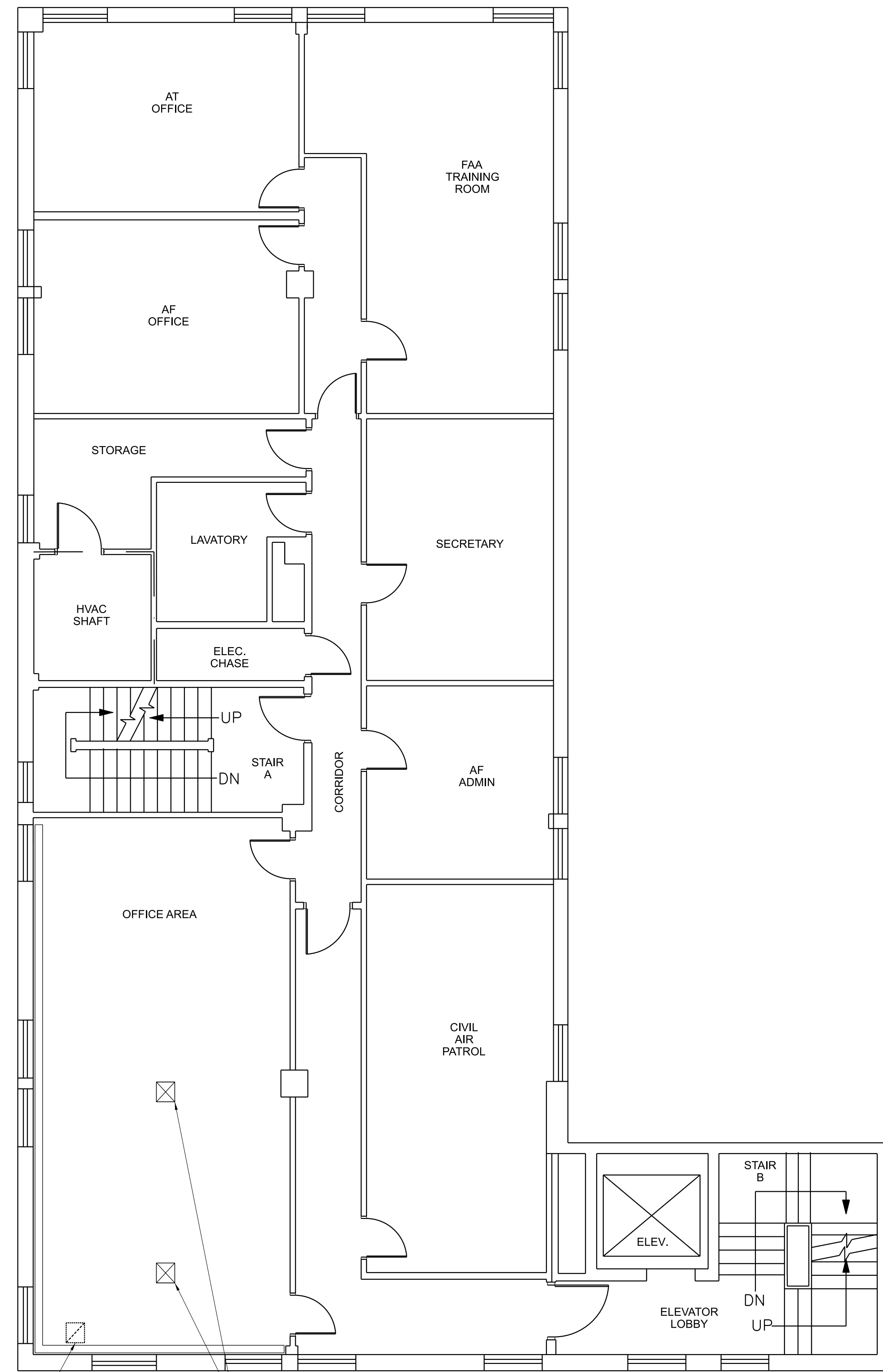
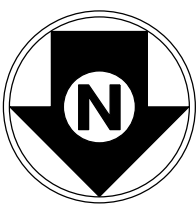


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DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA					
ATCT TOWER SIMULATION SYSTEM DEMOLITION THIRD FLOOR PLAN					
ELMIRA		ELMIRA/CORNING REGIONAL AIRPORT		NY	
REVIEWED BY	SUBMITTED BY	APPROVED BY	DATE	JCN	REV
	DO NOT SIGN	DO NOT SIGN	05/07/2026	25014171	
PROJECT ENGINEER		MGR: CONSTRUCTION CENTER			
DESIGNED	CK	ISSUED BY	DATE	JCN	REV
DRAWN	WAC	ENGINEERING SERVICES	05/07/2026	25014171	
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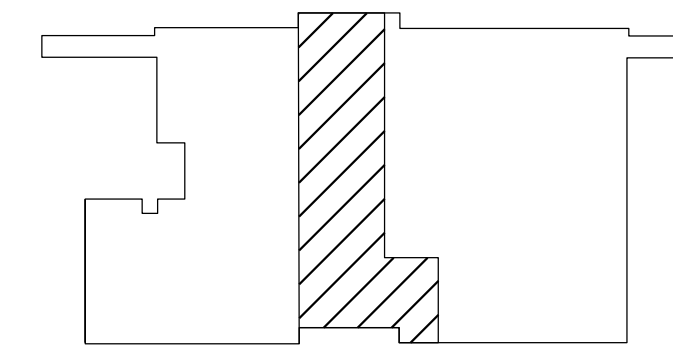
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 ELM-25014171-D001.dwg



REMOVE RETURN GRILLE AND CAP WITH MATCHING CEILING TILE. SAVE FOR RELOCATION

CLOSE DAMPERS FOR SUPPLY REGISTERS

1 THIRD FLOOR HVAC DEMOLITION PLAN
D002 SCALE: 3/16" = 1'-0"



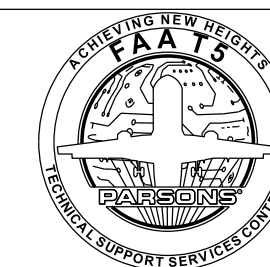
KEY PLAN
NOT TO SCALE



SCALE: 3/16" = 1'-0"



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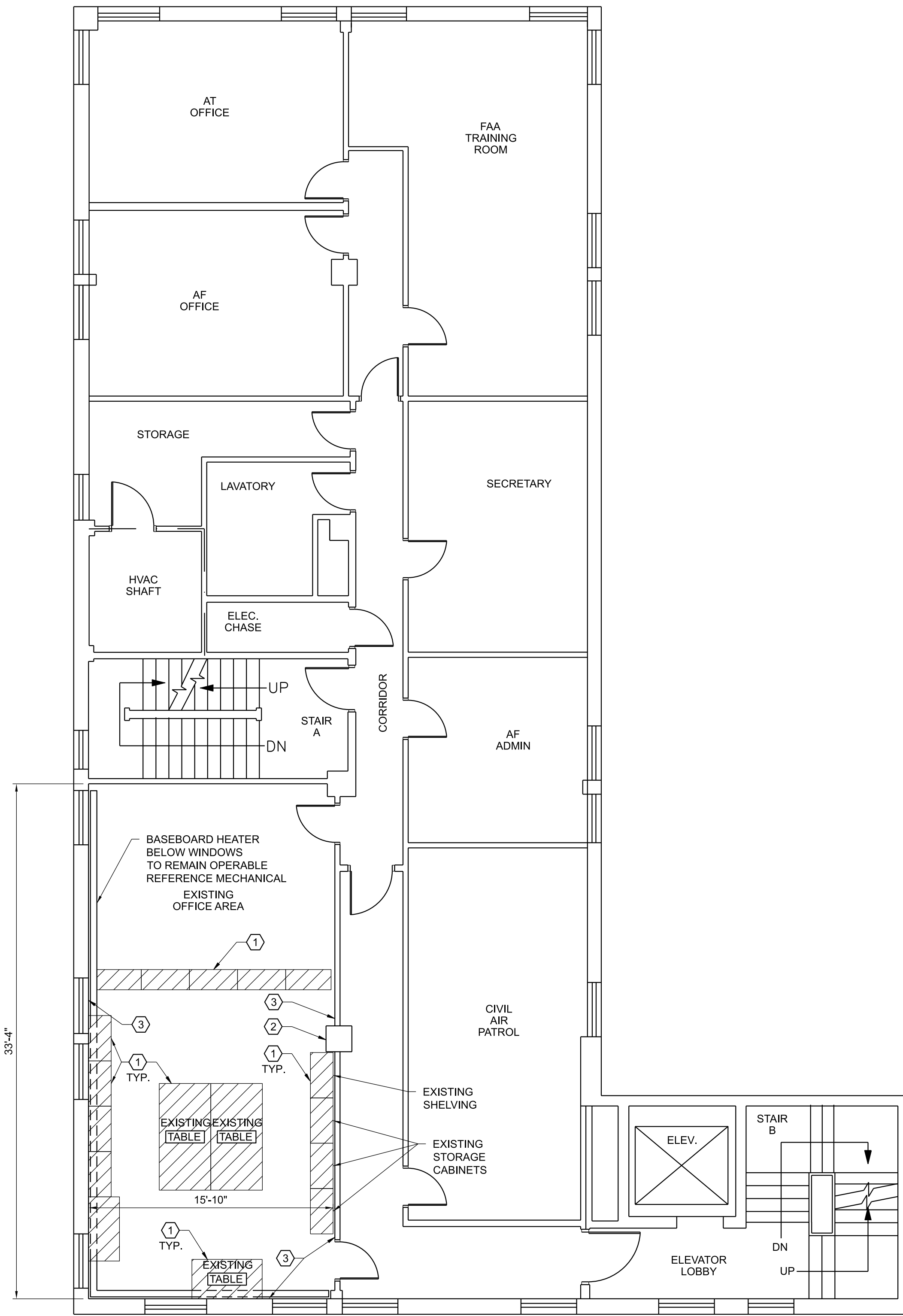


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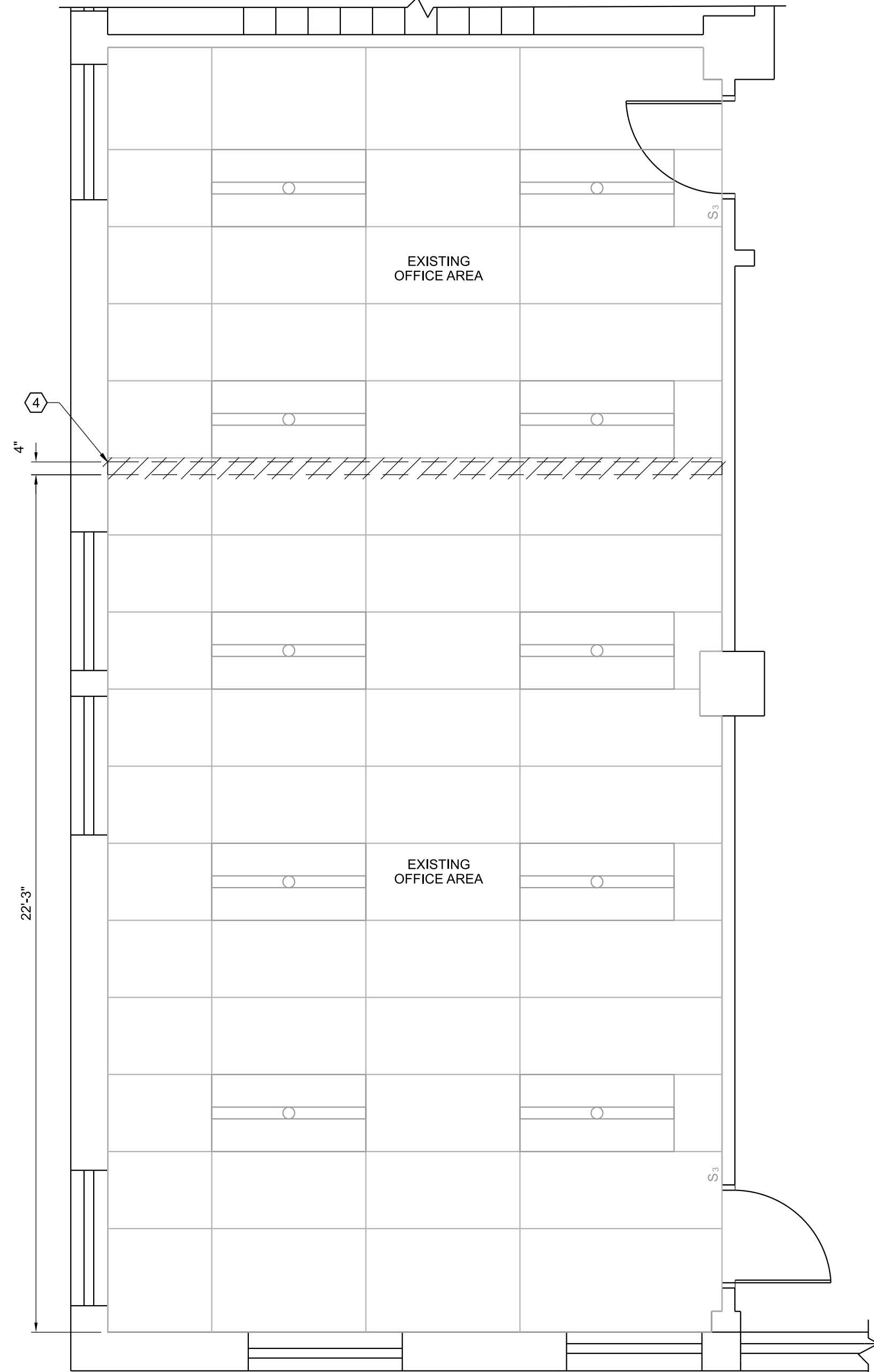
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DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA					
ATCT TOWER SIMULATION SYSTEM DEMOLITION HVAC THIRD FLOOR PLAN					
ELMIRA		ELMIRA/CORNING REGIONAL AIRPORT		NY	
REVIEWED BY	SUBMITTED BY	APPROVED BY			
	DO NOT SIGN	DO NOT SIGN	DO NOT SIGN	DO NOT SIGN	DO NOT SIGN
PROJECT ENGINEER	DESIGNED	ISSUED BY	DATE	JCN	25014171
	JK	ENGINEERING SERVICES	05/07/2026	JCN	25014171
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CHECKED	DW		REV		

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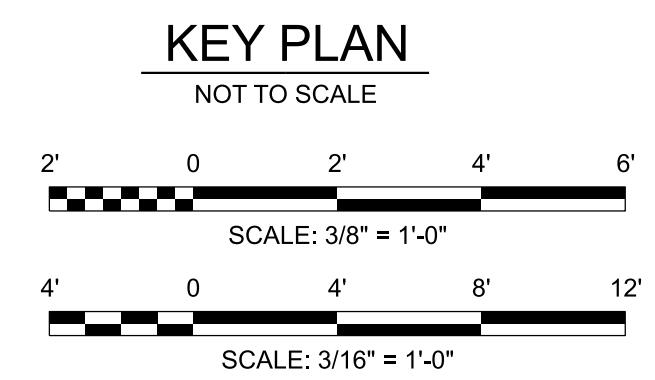
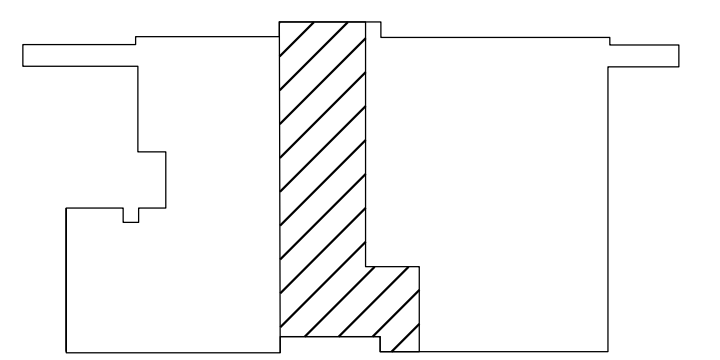
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1 THIRD FLOOR ARCHITECTURAL DEMOLITION PLAN
D003 SCALE: 3/16" = 1'-0"



2 ARCHITECTURAL DEMOLITION REFLECTED CEILING PLAN
D003 SCALE: 3/8" = 1'-0"



GENERAL NOTES:

1. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR THE WORK OF THOSE TRADES. COORDINATE ARCHITECTURAL WORK WITH MECHANICAL AND ELECTRICAL WORK.
2. REFER TO A001 FOR WALL DEMOLITION INFILL.
3. PRIOR TO DEMOLITION WORK PROTECT DOORS THAT ARE SCHEDULED TO REMAIN IN PLACE. MAINTAIN DOOR PROTECTION UNTIL CONSTRUCTION OF NEW WORK IS COMPLETE.

KEY NOTES:

- 1 REMOVE ALL CABINETS, SHELVING, AND TABLES. SALVAGE AND TURN IN TO FAA.
- 2 COLUMN BUILD-OUT TO REMAIN.
- 3 REMOVE WALL BASE, REFERENCE A001 FOR LOCATION OF NEW WALL PARTITION.
- 4 CUT CEILING GRID TO ALLOW SPACE FOR NEW WALL AND RESUPPORT CEILING GRID ALONG EACH EDGE.

LEGEND



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ISSUE FOR CONSTRUCTION - 05/07/2026

REV	03/04/2026	CONSTRUCTION DT#SO23033	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA					
ATCT TOWER SIMULATION SYSTEM DEMOLITION THIRD FLOOR PLAN AND CEILING PLAN					
ELMIRA		ELMIRA/CORNING REGIONAL AIRPORT		NY	
REVIEWED BY	SUBMITTED BY	DESIGNED	ISSUED BY	DATE	MGR: CONSTRUCTION CENTER
	DO NOT SIGN	MH	DO NOT SIGN	05/07/2026	JCN 25014171
DRAWN	WAC	ENGINEERING SERVICES	DRAWING NO	ELM-25014171-D003	
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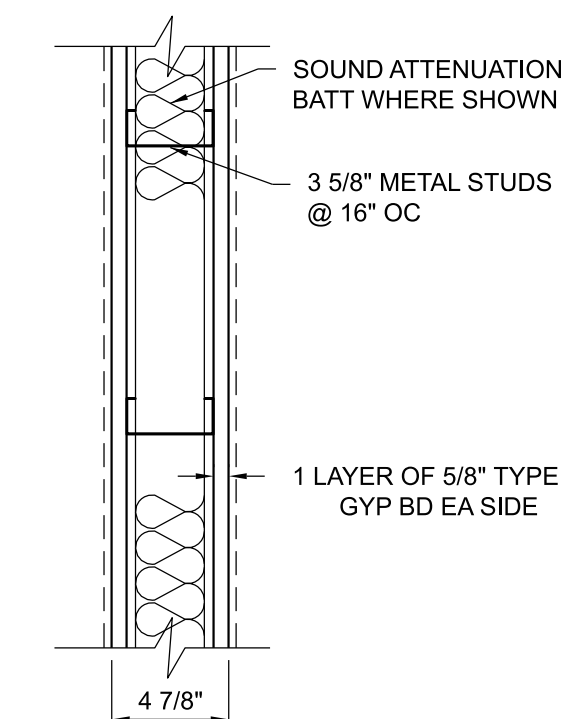


GENERAL NOTES:

1. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR THE WORK OF THOSE TRADES. COORDINATE ARCHITECTURAL WORK WITH MECHANICAL AND ELECTRICAL WORK.
2. PROTECT DOORS THAT ARE SCHEDULED TO REMAIN IN PLACE. MAINTAIN DOOR PROTECTION UNTIL CONSTRUCTION IS COMPLETE.

KEY NOTES:

- 1 ANTI-STATIC CARPET TILE. STYLE AND COLOR TO BE SELECTED BY FAA.
- 2 EXISTING COLUMN BUILD-OUT TO REMAIN. PAINT TO MATCH NEW WALL PARTITION AND INSTALL BASE TO MATCH.
- 3 PAINT ALL WALLS OF NEW TSS TRAINING ROOM AND INSTALL NEW BASE (ALL WALLS). FAA TO SELECT PAINT & BASE.
- 4 FULL BLACKOUT WINDOW APPLICATION AT ALL EXISTING WINDOWS IN NEW TSS TRAINING ROOM. FAA TO SELECT BLACKOUT PRODUCT.
- 5 SUPPORT EXISTING MODIFIED CEILING GRID. SEE DETAIL 4 THIS SHEET AS APPLIES. NEW NON-LOAD BEARING WALL. CONSTRUCT TO MATCH EXISTING FIRE RATINGS. PAINT SOUTH SIDE OF ALL TO MATCH EXISTING. PAINT NORTH SIDE OF WALL TO MATCH WALL PAINT FOR TSS TRAINING ROOM.
- 6 REFERENCE ELECTRICAL AND MECHANICAL FOR CEILING-MOUNTED LIGHTING AND HVAC DIFFUSERS.

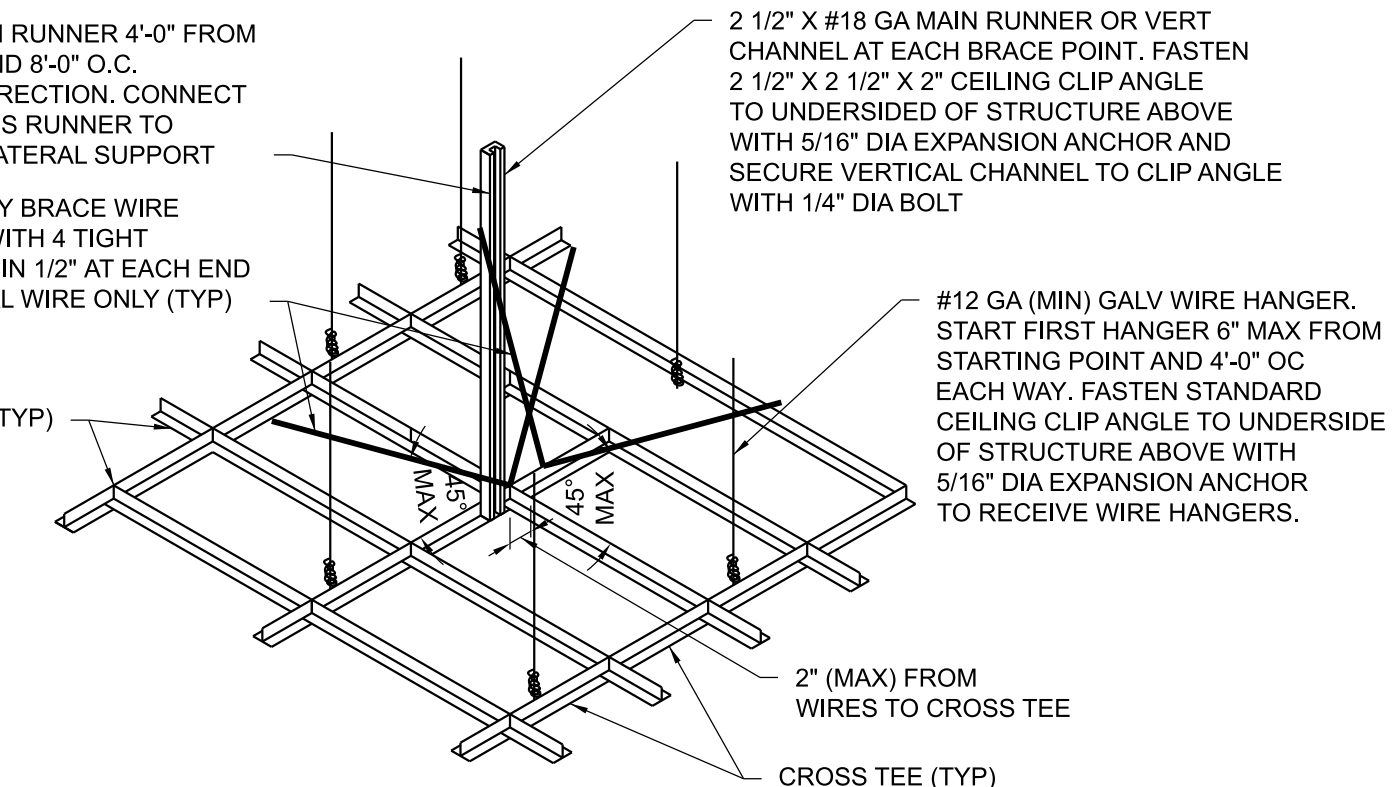


SOUND ATTENUATION WALL	
FIRE RATING: 1 HOUR	DESIGN: UL U465
STC RATING: 45-47	TEST NO.: UL U465

3 WALL TYPES
A001 SCALE: 1 1/2" = 1'-0"

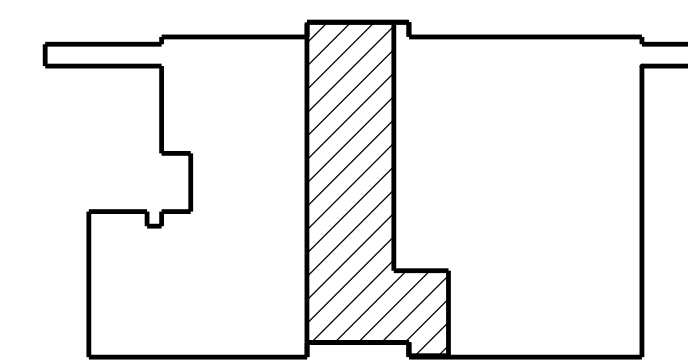
NOTE: CONNECT TO MAIN RUNNER 4'-0" FROM GRID STARTING POINT AND 8'-0" O.C. THEREAFTER IN EACH DIRECTION. CONNECT MAIN RUNNER AND CROSS RUNNER TO ADJACENT WALLS FOR LATERAL SUPPORT

#12 GA SPLAY BRACE WIRE (90 APART) WITH 4 TIGHT TURNS WITHIN 1/2" AT EACH END OF DIAGONAL WIRE ONLY (TYP)

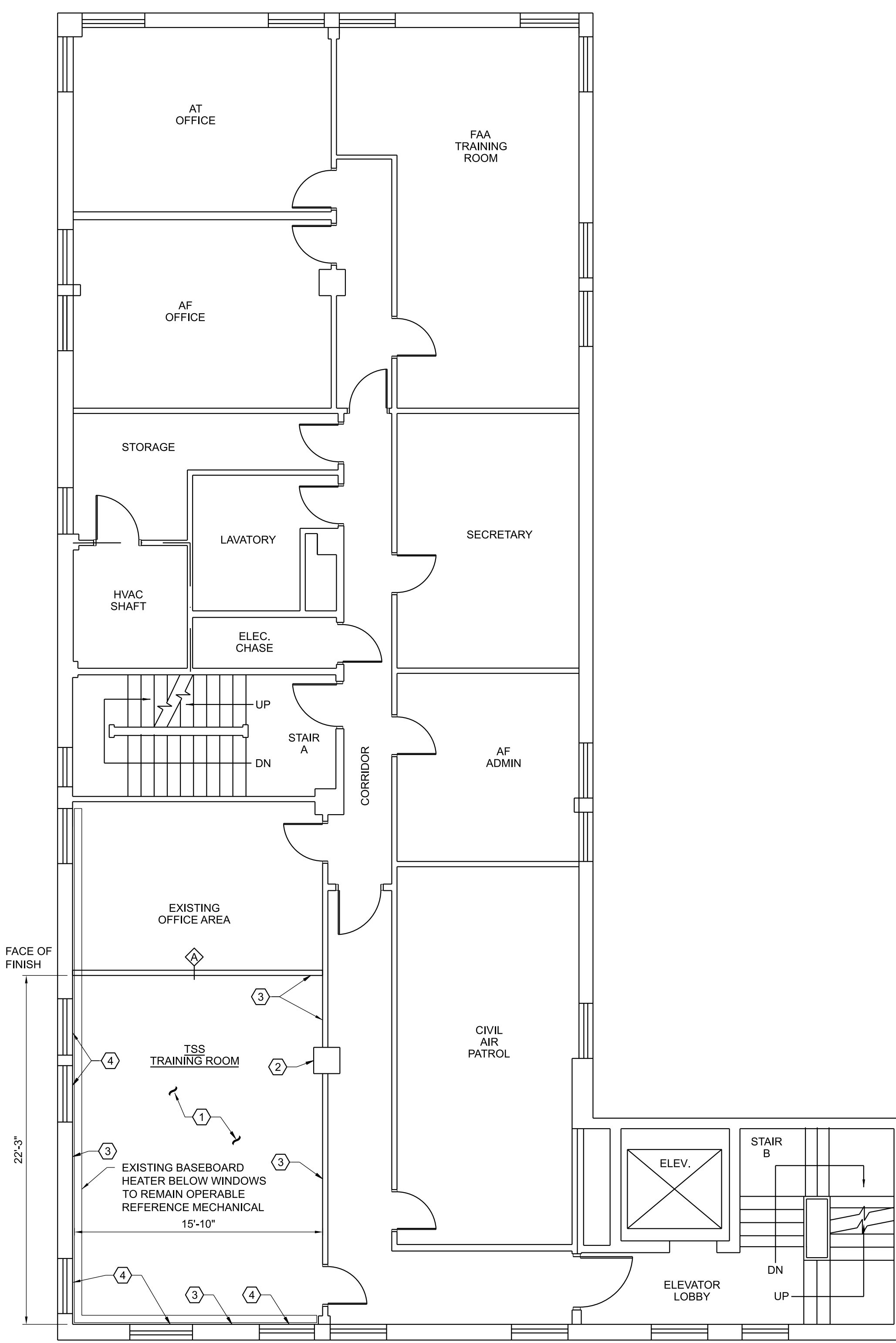
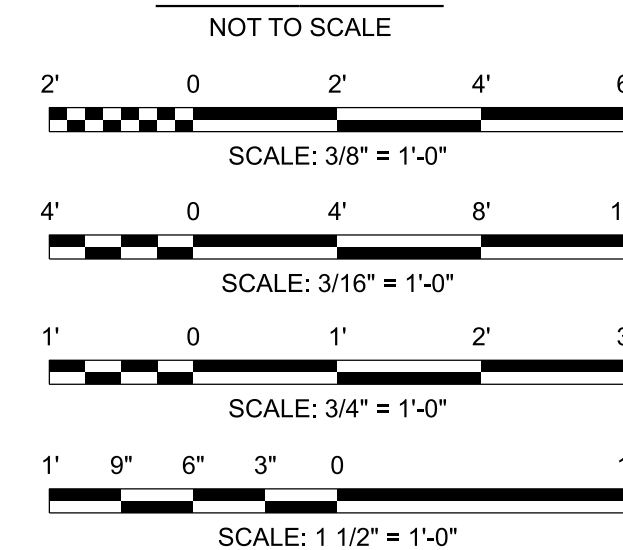


4 CEILING GRID BRACING
A001 SCALE: 3/4" = 1'-0"

2 ARCHITECTURAL NEW WORK REFLECTED CEILING PLAN
A001 SCALE: 3/8" = 1'-0"



KEY PLAN



1 THIRD FLOOR ARCHITECTURAL NEW WORK FLOOR PLAN
A001 SCALE: 3/16" = 1'-0"

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REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
03/04/2026	CONSTRUCTION DT#SO23033				

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA

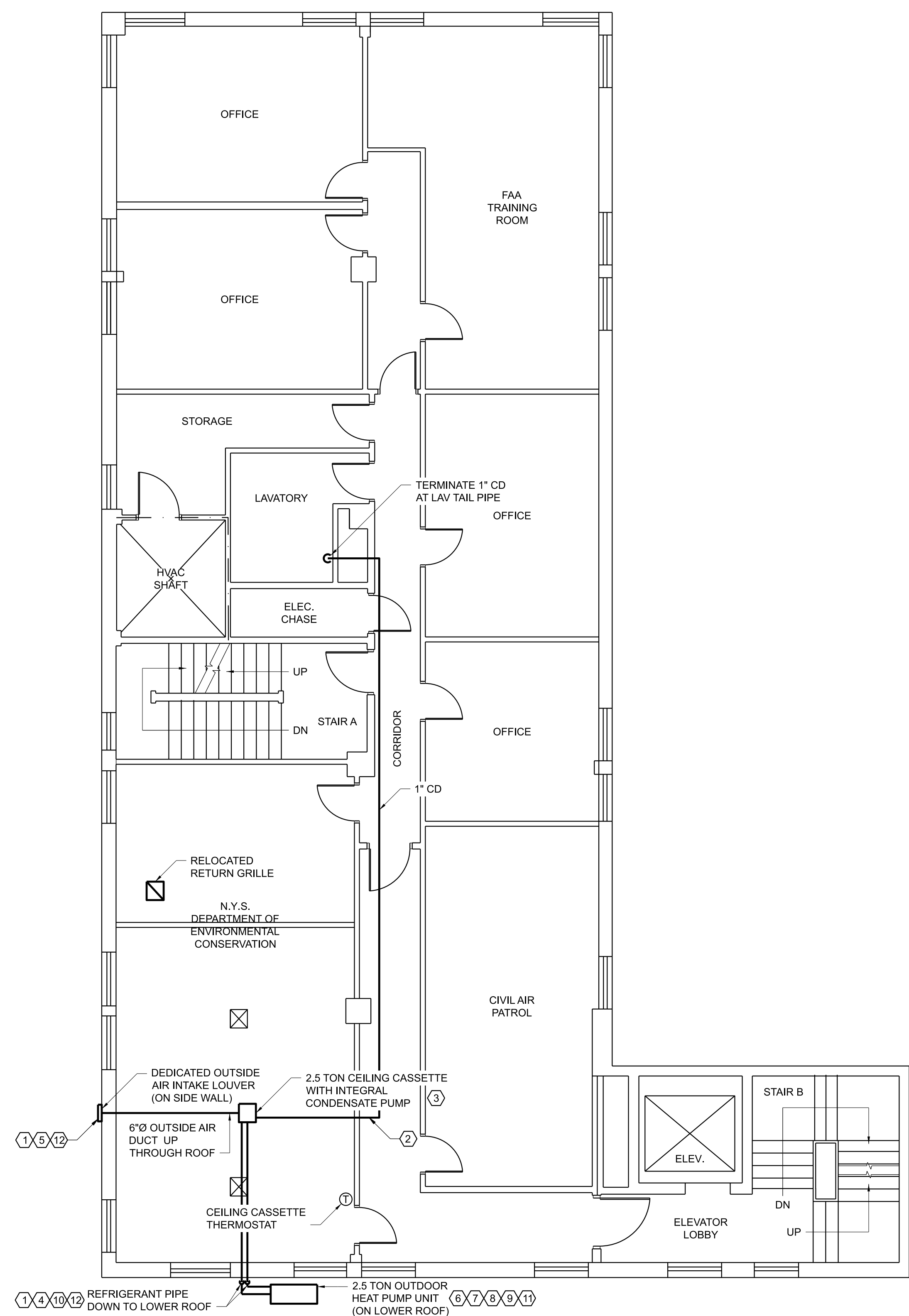
ATCT
TOWER SIMULATION SYSTEM
ARCHITECTURAL
THIRD FLOOR PLAN AND REFLECTED CEILING PLAN

ELMIRA ELMIRA/CORNING REGIONAL AIRPORT NY

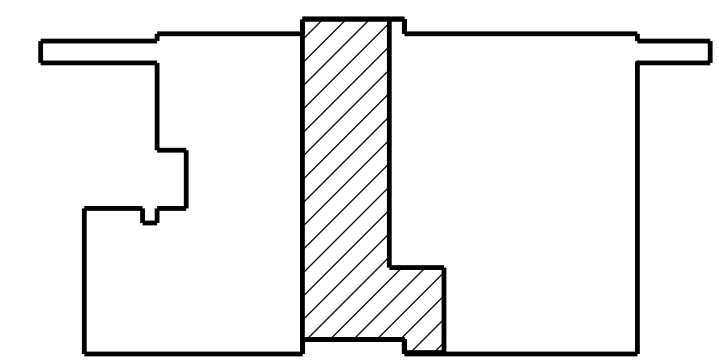
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CHECKED	DW						

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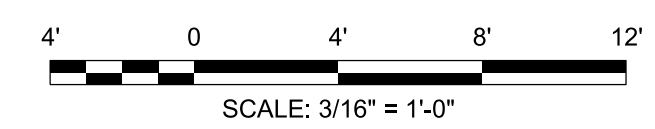
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 EDMS-25014171-001.dwg



1 THIRD FLOOR PLAN
M001 SCALE: 3/16" = 1'-0"



KEY PLAN
NOT TO SCALE



GENERAL NOTES:

- 1-HOUR FIRE RATED 4" BLOCK 4" C.M.U. WALL.
- CLOSED-UP OPENINGS AND SEALED PENETRATIONS AT C.M.U. ABOVE ACCESS DOOR WITH A U.L. LISTED FIRESTOP MORTAR TO ACHIEVE A 1-HOUR FIRE RATING.
- U.L. LISTED FIRESTOPPING AT ALL PENETRATIONS THROUGH C.M.U. WALL AT ELECTRICAL SHAFT TO ACHIEVE A 1-HOUR FIRE RATING.

KEY NOTES:

- ALL SUPPLY DUCT, RETURN DUCT, OUTSIDE AIR DUCT AND REFRIGERANT PIPE MUST BE INSULATED.
- SEAL PENETRATIONS THROUGH INTERIOR WALLS TO MAINTAIN ACOUSTIC WALL RATINGS.
- PROVIDE AND INSTALL CEILING CASSETTES FIR INTO 2'X2' CEILING GRID.
- PROVIDE AND INSTALL REFRIGERANT PIPE SIZE PER MANUFACTURER'S RECOMMENDATIONS.
- 50 CFM OUTSIDE AIR MINIMUM MUST BE PROVIDED TO THE TSS. PROVIDE BALANCING DAMPER.
- EQUIPMENT MUST PROVIDE 30 MBH MINIMUM OF COOLING CAPACITY AT AN OUTSIDE AMBIENT TEMPERATURE OF 95°F.
- EQUIPMENT MUST BE ABLE TO TEMPER OUTSIDE AIR DURING COLD SEASONS. MINIMUM HEATING CAPACITY OF 16.8 MBH AT AN OUTSIDE AMBIENT TEMPERATURE OF 5°F.
- PROVIDE AND INSTALL NEW HEAT PUMP UNIT. MOUNT OUTDOOR HEAT PUMP TO ROOF CURB WITH VIB ISO. ASSUME SUPPLEMENTAL STEEL REINFORCEMENT REQUIRED FOR THE DECK, (L2X2X1/4 STEEL 48" LONG).
- WEATHER PROOF AND SEAL NEW PENETRATIONS TO ROOF MEMBRANE.
- PROTECT REFRIGERANT PIPE INSULATION WITH WEATHER JACKET. PROVIDE AND INSTALL ASJ.
- OUTDOOR UNIT POWERS INDOOR UNITS. 208VOLT/1 PHASE/60 HERTZ 26A MOCPI/19A MCA.
- SEAL PENETRATIONS THROUGH EXTERIOR WALLS TO MAINTAIN FIRE RATING AND SEAL WEATHER TIGHT.



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ATCT TOWER SIMULATION SYSTEM MECHANICAL HVAC THIRD FLOOR PLANS					
ELMIRA		ELMIRA/CORNING REGIONAL AIRPORT		NY	
REVIEWED BY	SUBMITTED BY	APPROVED BY	DESIGNED	DATE	JCN
	DO NOT SIGN	DO NOT SIGN	DO NOT SIGN	05/07/2026	25014171
PROJECT ENGINEER	ISSUED BY	MGR: ENGINEERING - CENTER A			
DESIGNED JK	ENGINEERING SERVICES INFRASTRUCTURE	DRAWING NO	ELM-25014171-M001		
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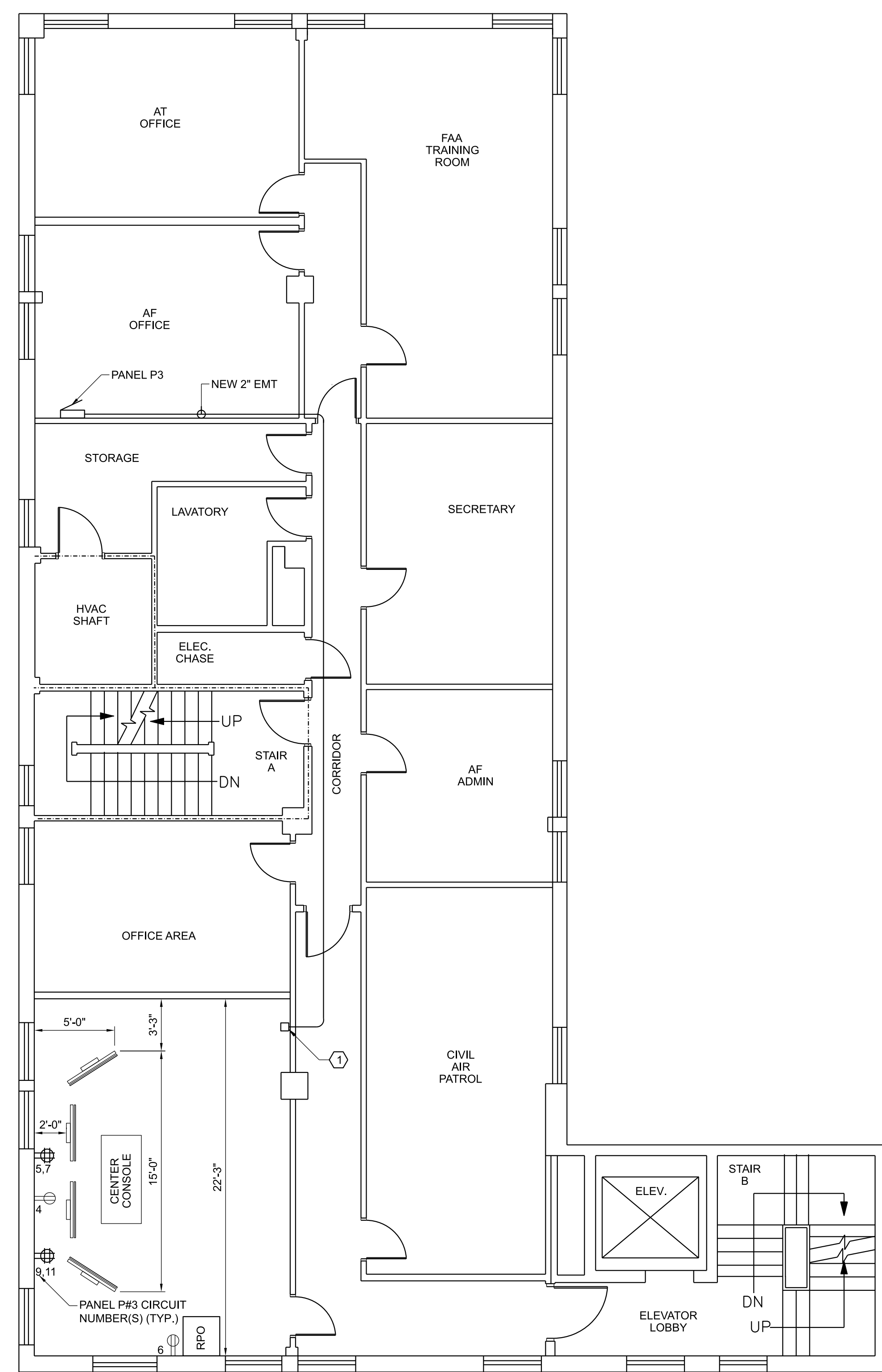


GENERAL NOTES

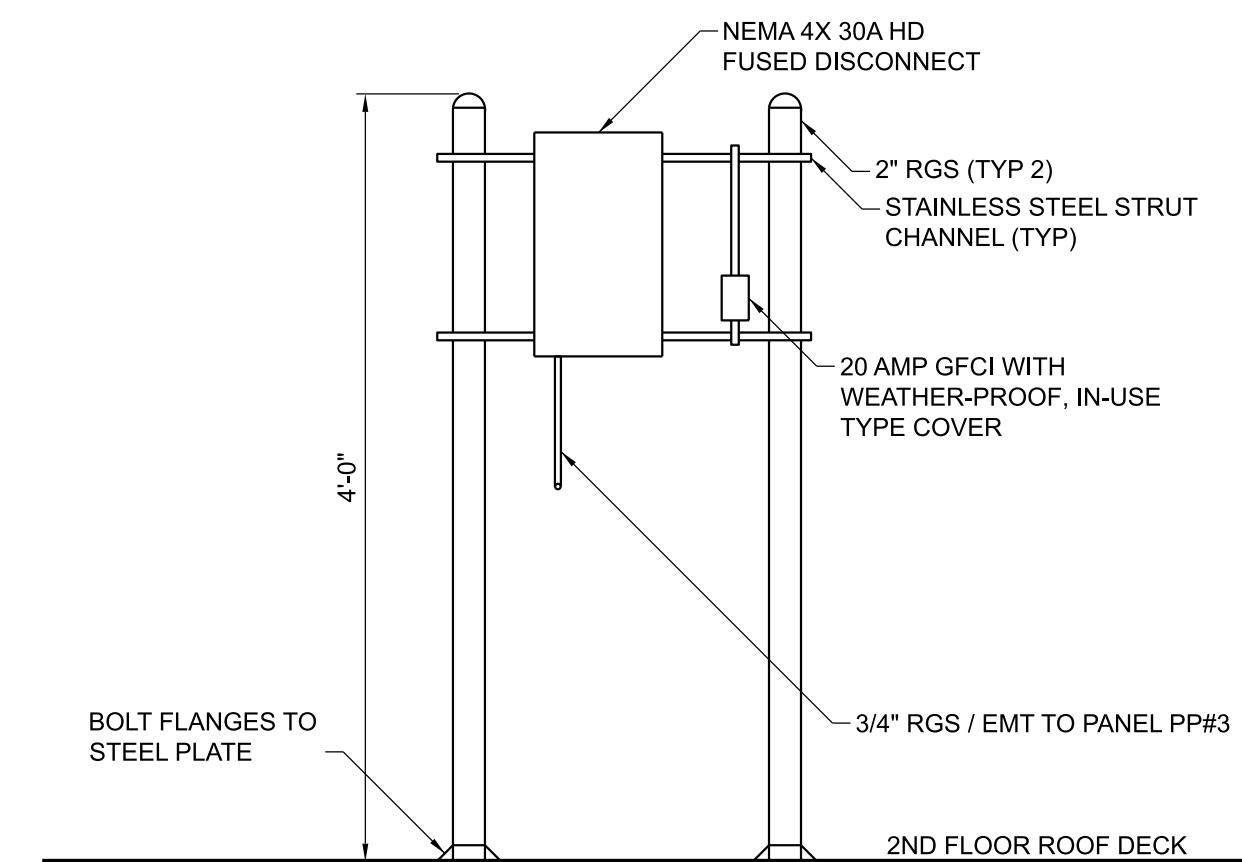
A. SHADED ITEMS ARE NOT PART OF THIS PROJECT

KEY NOTES

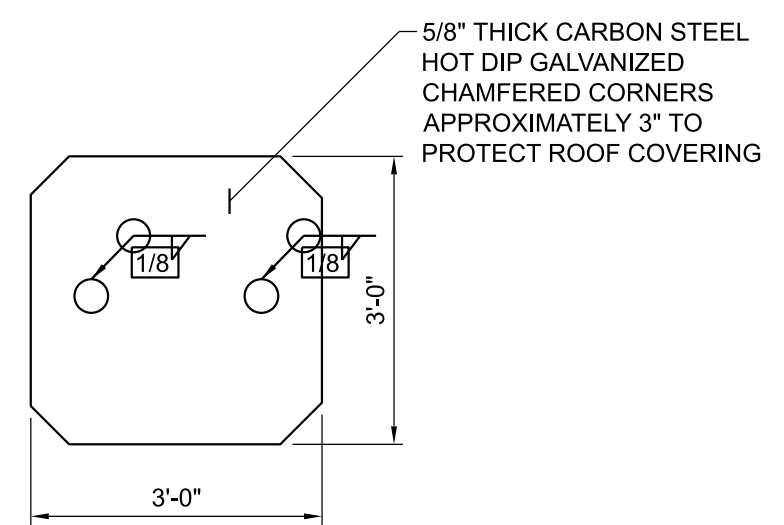
- 1 INSTALL 2" EMT CONDUIT FROM PANEL P#3 IN THE 3RD FLOOR AF OFFICE TO A 12" X 12" JUNCTION BOX ABOVE THE SUSPENDED CEILING IN THE TSS ROOM FOR THE SIX TSS CIRCUITS. INSTALL 12 AWG THHN FROM PANEL P#3 TO JUNCTION BOX. AT JUNCTION BOX RUN MC CABLE TO THE RECEPTACLES AS NOTED ON THIS DRAWING.



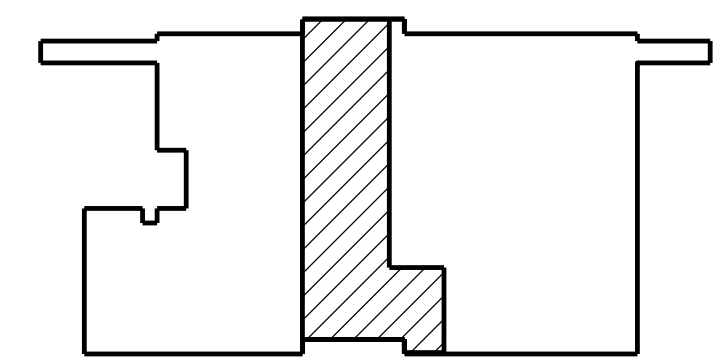
1 THIRD FLOOR NEW WORK - PLAN
 E001 SCALE: 3/16" = 1'-0"



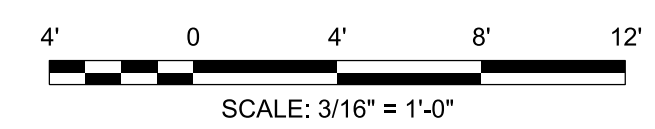
2 HEAT PUMP POWER RACK ELEVATION - VIEW
 E001 SCALE: 1" = 1'-0"



3 RACK PLAN - VIEW
 E001 N.T.S.



KEY PLAN
 NOT TO SCALE



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03/04/2026		CONSTRUCTION DT#SO23033			

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
 ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA

ATCT
TOWER SIMULATION SYSTEM
ELECTRICAL
THIRD FLOOR NEW WORK PLAN

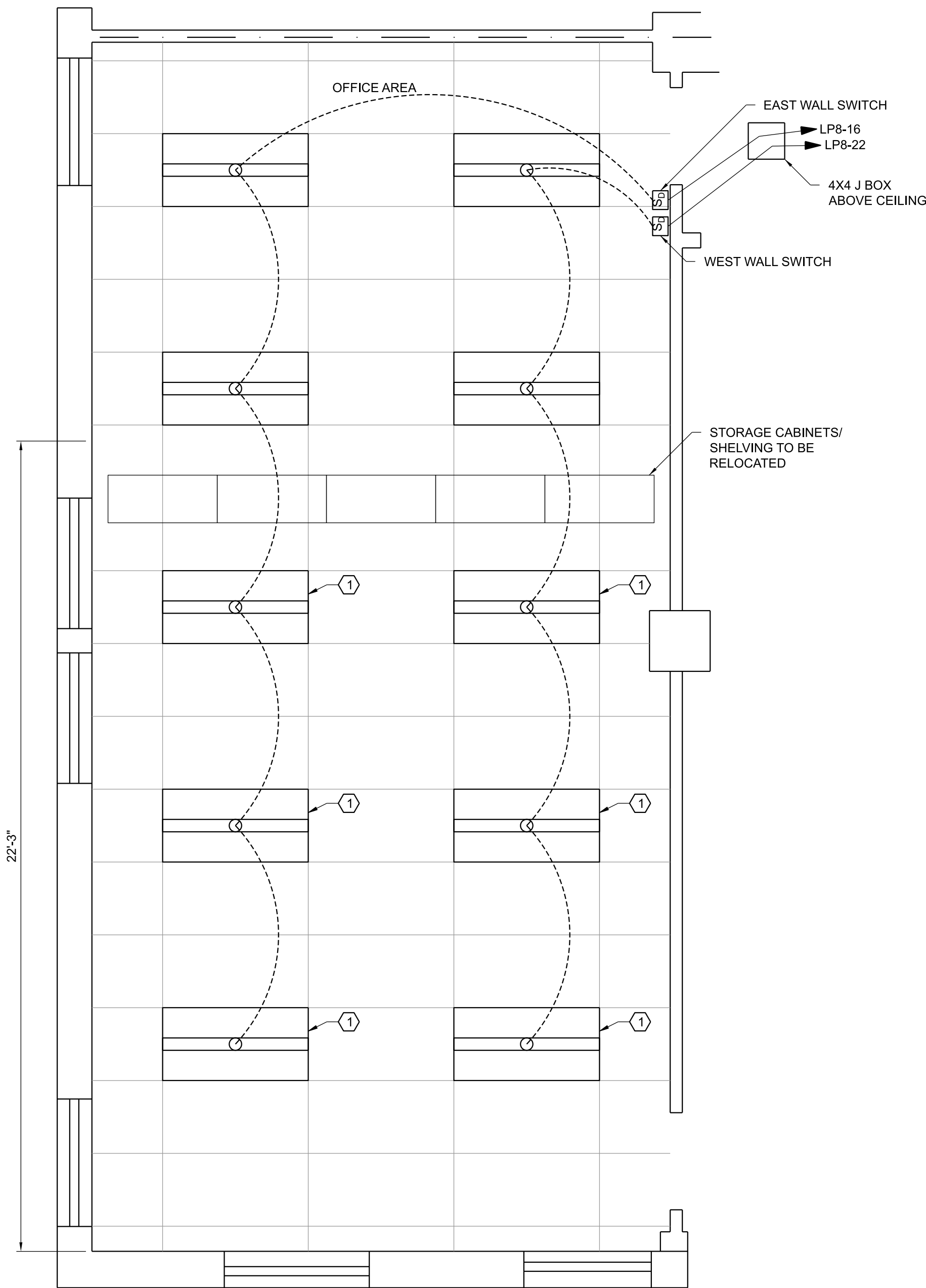
ELMIRA ELMIRA/CORNING REGIONAL AIRPORT NY

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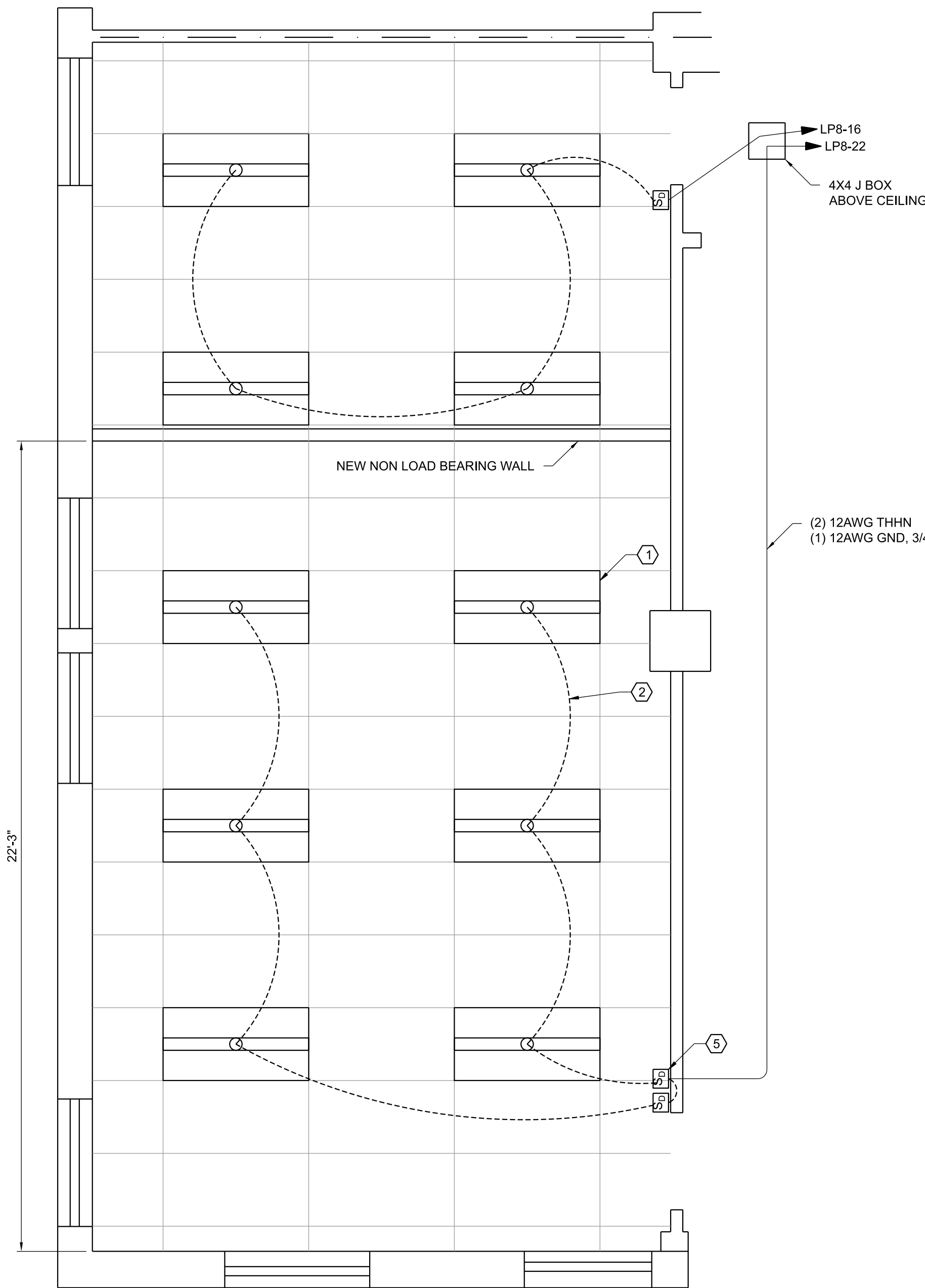
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DESIGNED CK	ISSUED BY
DRAWN WAC	DATE 05/07/2026
CHECKED DW	JCN 25014171
	DRAWING NO ELM-25014171-E001
	REV

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ISSUED FOR CONSTRUCTION ELM-25014171-E001.dwg



1 CONFERENCE ROOM EXISTING REFLECTED CEILING PLAN
 E002 SCALE: 3/8" = 1'-0"

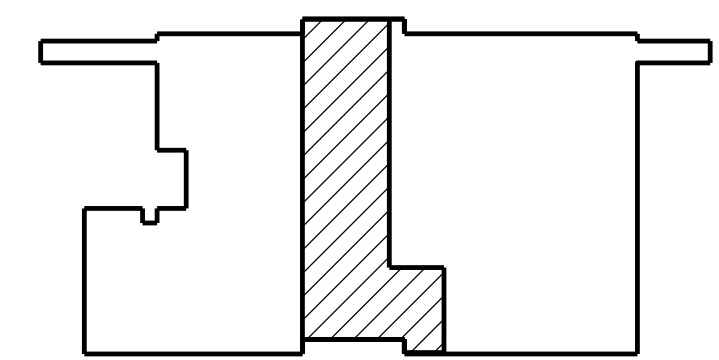


2 OFFICE AND TSS ROOM NEW REFLECTED CEILING PLAN
 E002 SCALE: 3/8" = 1'-0"

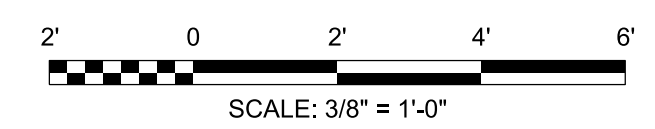
- KEY NOTES:**
- 1 DISCONNECT AND DISPOSE OF TH EXISTING LIGHT FIXTURES IN THE TSS PORTION OF THE CONFERENCE ROOM. REPLACE WITH LED TROFFERS (BASIS OF DESIGN: LITHONIA 2VTL4 40L ADP EZ1 LP840), FEED THE NEW LIGHTING FROM THE EXISTING CIRCUIT. HOWEVER, SEPERATE THE SWITCHING TO FEED THE NEW LIGHTING WITH TWO DIMMER SWITCHES AS SHOWN IN DRAWING.
 - 2 CONNECT THE LIGHTING WITH 12/2 MC CABLE.
 - 3 REWIRE THIS SWITCH TO SERVE THE OFFICE AREA.
 - 4 REMOVE WIRING BACK TO JUNCTION BOX AND CAP THIS SWITCH BOX.
 - 5 NEW 20 AMP DIMMER SWITCHES.



2 EXISTING SWITCH - PHOTO REFERENCE
 E002 NOT TO SCALE



KEY PLAN
 NOT TO SCALE



PARSONS
 PTSI Managed Services Inc.
 100 Walnut Street
 Pasadena, CA 91124
 202-651-2500



RELEASED FOR: WR ANT-1008
 ISSUE FOR CONSTRUCTION - 05/07/2026

REV	03/04/2026	CONSTRUCTION DT#SO23033	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA					
ATCT TOWER SIMULATION SYSTEM ELECTRICAL TSS ROOM LIGHTING PLAN					
ELMIRA		ELMIRA/CORNING REGIONAL AIRPORT		NY	
REVIEWED BY	SUBMITTED BY	APPROVED BY	DESIGNED	DATE	JCN
	DO NOT SIGN	DO NOT SIGN	DO NOT SIGN	05/07/2026	25014171
PROJECT ENGINEER	ISSUED BY	MGR: ENGINEERING - CENTER A	DRAWN	DRAWING NO	REV
CK	JCN	ELM-25014171-E002	JG	ELM-25014171-E002	
CHECKED	DW	ENGINEERING SERVICES INFRASTRUCTURE			

6/16/2026 11:17:00 AM
 13:23 PM
 Printed by: SRVC-CALG-EDMS-COORD

ISSUED FOR CONSTRUCTION
 E:\M-25014171-E002.dwg

PANEL SCHEDULE: PP#3												<input type="checkbox"/> NEW PANEL <input checked="" type="checkbox"/> EXISTING PANEL			
LOCATION: ROOM 3RD FLOOR			MAIN: <input type="checkbox"/> LUGS ONLY <input type="checkbox"/> TOP			NUMBER OF CIRCUITS: 12			ENCLOSURE: <input checked="" type="checkbox"/> NEMA 1 <input type="checkbox"/> NEMA 3R						
FEED FROM: PANEL MDP			<input checked="" type="checkbox"/> MAIN BKR <input checked="" type="checkbox"/> BOTTOM			BREAKERS: <input checked="" type="checkbox"/> BOLT-ON <input type="checkbox"/> PLUG-IN			MOUNTING: <input type="checkbox"/> FLUSH <input checked="" type="checkbox"/> SURFACE						
VOLTAGE: 208/120			BUS AMP RATING: 70			SPECIAL: 70 AMP			MANUFACTURER: WESTINGHOUSE						
WIRING: 3 PHASE, 4 WIRE			PANEL AIC RATING: 22K			CONNECTED LINE AMPS:			TYPE: NPLAB						
CIRCUIT NO	LOAD TYPE	DESCRIPTION	LOAD (VA)	CKT NO	BKR	VA			BKR	CKT NO	LOAD (VA)	DESCRIPTION	LOAD TYPE	NOTE	
						A	B	C							
		A/C RECEPTACLE BOTTOM OF PANEL		1	20/1				20/1	2		SECURITY SYSTEM			1
		STARS GPW CONF ROOM		3	20/1				30/1	4		SPARE			1
		SPARE		5	20/1				30/1	6		SPARE			
		SPARE		7	50/2				50/2	8		SPARE			
		SPARE		9	20/1				20/1	10		SPARE			
		BLANK		11						12		BLANK			
TOTAL CONNECTED LOAD (KVA)															
TOTAL AMPS															
TOTAL CONNECTED LOAD (KVA)															
DEMAND LOAD (KVA)															
Panel Notes:															
a															
b															
c															
d															
e															

PANEL SCHEDULE: LP-8												<input checked="" type="checkbox"/> NEW PANEL <input type="checkbox"/> EXISTING PANEL		
LOCATION: ROOM 110			MAIN: <input type="checkbox"/> LUGS ONLY <input checked="" type="checkbox"/> TOP			NUMBER OF CIRCUITS: 42			ENCLOSURE: <input checked="" type="checkbox"/> NEMA 1 <input type="checkbox"/> NEMA 3R					
FEED FROM: EDPLB AND EDPLA			<input checked="" type="checkbox"/> MAIN BKR <input type="checkbox"/> BOTTOM			BREAKERS: <input checked="" type="checkbox"/> BOLT-ON <input type="checkbox"/> PLUG-IN			MOUNTING: <input type="checkbox"/> FLUSH <input checked="" type="checkbox"/> SURFACE					
VOLTAGE: 208Y/120			BUS AMP RATING: 125			SPECIAL: 125A/125A (DUAL MAIN)			MANUFACTURER: SQUARE D					
WIRING: 3 PHASE, 4 WIRE			PANEL AIC RATING: 22K			CONNECTED LINE AMPS:			TYPE: NQOD					
CIRCUIT NO	LOAD TYPE	DESCRIPTION	LOAD (VA)	CKT NO	BKR	VA			BKR	CKT NO	LOAD (VA)	DESCRIPTION	LOAD TYPE	NOTE
						A	B	C						
		AT/AF ADMIN OFFICE CORRIDOR LIGHTS		1	20/1				20/1	2		AT/AF ADMIN OFFICE & CBI ROOM LIGHTS		
		STARWELL LIGHTS		3	20/1				20/1	4		DEC OFFICE LIGHTS		
		STORAGE RM LIGHTS BATHROOM LIGHTS		5	20/1				20/1	6		DEC HALLWAY LIGHTS		
		HALLWAY EMERGENCY LIGHTS		7	20/1				20/1	8		*** UNKNOWN ***		
		AT/AF/TRG/HALLWAY LIGHTS		9	20/1				20/1	10		AT/AF ADMIN OFFICE & CBI RM DUPLEX RECEPT		
		*** UNKNOWN ***		11	20/1				20/1	12		DEC PLUGMOLD		
		AT MANAGER OFFICE PLUGMOLD		13	20/1				20/1	14		*** UNKNOWN ***		
		AT TRAINING ROOM PLUGMOLD		15	15/1				20/1	16		DEC LIGHTS EAST WALL		
		AT/AF ADMIN OFFICE PLUGMOLD		17	15/1				20/1	18		SPARE		
		SPARE		19	20/1				20/1	20		DEC DUPLEX RECEPTACLE		
		SPARE		21	20/1				20/1	22		DEC LIGHTS WEST WALL		
		DEC DUPLEX		23	20/1				20/1	24		SPARE		
		DEC HALLWAY DUPLEX		25	20/1				20/1	26		SPARE		
		SMOKE ROOM POWER		27	20/1				20/1	28		SPARE		
		SPARE		29	20/1				20/1	30		SPARE		
TOTAL CONNECTED LOAD (KVA)														
TOTAL AMPS														
TOTAL CONNECTED LOAD (KVA)														
DEMAND LOAD (KVA)														
Panel Notes:														
a														
b														
c														
d														
e														

GENERAL NOTES:

- A. INSTALL 2" EMT FROM PANEL 3 TO THE JUNCTION BOX IN THE TSS ROOM.
- B. INSTALL 12 AWG FROM PANEL 3 TO THE RECEPTACLES AS NOTED ON E002.
- C. PANEL 3 IS FED FROM AN 80 AMP BREAKER IN PANEL MDP IN THE BASEMENT. THE CABLE IS 1/0 AWG.
- D. ALL NEW CIRCUIT BREAKERS TO MATCH EXISTING PANEL MANUFACTURER, TYPE AND AIC RATING.

KEY NOTES:

- 1 REMOVE BREAKERS IN POSITION 5, 7, AND 9. REMOVE BREAKERS IN POSITIONS 4, 6, 8, AND 10.
- 2 INSTALL NEW 1-POLE 20 AMP BREAKERS IN POSITIONS 5, 7, 9, 11, 4, AND 6.
- 3 INSTALL NEW 30 AMP 2-POLE BREAKER IN POSITIONS 8 AND 10.
- 4 INSTALL NEW 20 AMP 1-POLE BREAKER IN POSITION 12.
- 5 ROUTE 3/4" EMT FROM BREAKER POSITIONS 8, 10, AND 12 TO EXTERIOR WALL. THEN TRANSITION TO RGS ON EXTERIOR.
- 6 ROUTE 3/4" EMT FROM BREAKER POSITIONS 16, AND 22 TO NEW DESIGNATIONS

1 EXISTING PANEL SCHEDULES
E003 NOT TO SCALE

PANEL SCHEDULE: PP#3												<input type="checkbox"/> NEW PANEL <input checked="" type="checkbox"/> EXISTING PANEL		
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FEED FROM: PANEL MDP IN BASEMENT			<input checked="" type="checkbox"/> MAIN BKR <input checked="" type="checkbox"/> BOTTOM			BREAKERS: <input checked="" type="checkbox"/> BOLT-ON <input type="checkbox"/> PLUG-IN			MOUNTING: <input type="checkbox"/> FLUSH <input checked="" type="checkbox"/> SURFACE					
VOLTAGE: 208/120			BUS AMP RATING: 70			SPECIAL: 70 AMP			MANUFACTURER: WESTINGHOUSE					
WIRING: 3 PHASE, 4 WIRE			PANEL AIC RATING: 22K			CONNECTED LINE AMPS:			TYPE: NPLAB					
CIRCUIT NO	LOAD TYPE	DESCRIPTION	LOAD (VA)	CKT NO	BKR	VA			BKR	CKT NO	LOAD (VA)	DESCRIPTION	LOAD TYPE	NOTE
						A	B	C						
		A/C RECEPTACLE BOTTOM OF PANEL		1	20/1				20/1	2		SECURITY SYSTEM		
		STARS GPW CONF ROOM		3	20/1				20/1	4		TSS DUPLEX RECEPTACLE		
		TSS QUAD RECEPTACLE 1 LEFT		5	20/1				20/1	6		TSS RPO RECEPTACLE		
		TSS QUAD RECEPTACLE 1 RIGHT		7	20/1				30/2	8		TSS HVAC ROOF TOP CONDENSER UNIT		
		TSS QUAD RECEPTACLE 2 LEFT		9	20/1				20/1	10		GFCI FOR TSS HEAT PUMP		
		TSS QUAD RECEPTACLE 2 RIGHT		11	20/1				20/1	12				
TOTAL CONNECTED LOAD (KVA)														
TOTAL AMPS														
TOTAL CONNECTED LOAD (KVA)														
DEMAND LOAD (KVA)														
Panel Notes:														
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b														
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PANEL SCHEDULE: LP-8												<input type="checkbox"/> NEW PANEL <input checked="" type="checkbox"/> EXISTING PANEL		
LOCATION: ROOM 110			MAIN: <input type="checkbox"/> LUGS ONLY <input checked="" type="checkbox"/> TOP			NUMBER OF CIRCUITS: 42			ENCLOSURE: <input checked="" type="checkbox"/> NEMA 1 <input type="checkbox"/> NEMA 3R					
FEED FROM: EDPLB AND EDPLA			<input checked="" type="checkbox"/> MAIN BKR <input type="checkbox"/> BOTTOM			BREAKERS: <input checked="" type="checkbox"/> BOLT-ON <input type="checkbox"/> PLUG-IN			MOUNTING: <input type="checkbox"/> FLUSH <input checked="" type="checkbox"/> SURFACE					
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		AT/AF/TRG/HALLWAY LIGHTS		9	20/1				20/1	10		AT/AF ADMIN OFFICE & CBI RM DUPLEX RECEPT.		
		*** UNKNOWN ***		11	20/1				20/1	12		DEC PLUGMOLD		
		AT MANAGER OFFICE PLUGMOLD		13	20/1				20/1	14		*** UNKNOWN ***		
		AT TRAINING ROOM PLUGMOLD		15	15/1				20/1	16		DEC LIGHTS OFFICE AREA		
		AT/AF ADMIN OFFICE PLUGMOLD		17	15/1				20/1	18		SPARE		
		SPARE		19	20/1				20/1	20		DEC DUPLEX RECEPTACLE		
		SPARE		21	20/1				20/1	22		TSS ROOM LIGHTING		
		DEC DUPLEX		23	20/1				20/1	24		SPARE		
		DEC HALLWAY DUPLEX		25	20/1				20/1	26		SPARE		
		SMOKE ROOM POWER		27	20/1				20/1	28		SPARE		
		SPARE		29	20/1				20/1	30		SPARE		
TOTAL CONNECTED LOAD (KVA)														
TOTAL AMPS														
TOTAL CONNECTED LOAD (KVA)														
DEMAND LOAD (KVA)														
Panel Notes:														
a														
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e														

2 NEW WORK PANEL SCHEDULES
E003 NOT TO SCALE

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ATCT TOWER SIMULATION SYSTEM ELECTRICAL PANEL SCHEDULE					
ELMIRA ELMIRA/CORNING REGIONAL AIRPORT NY					
REVIEWED BY	SUBMITTED BY	DO NOT SIGN	DO NOT SIGN	DO NOT SIGN	APPROVED BY
PROJECT ENGINEER			MGR: ENGINEERING CENTER		
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