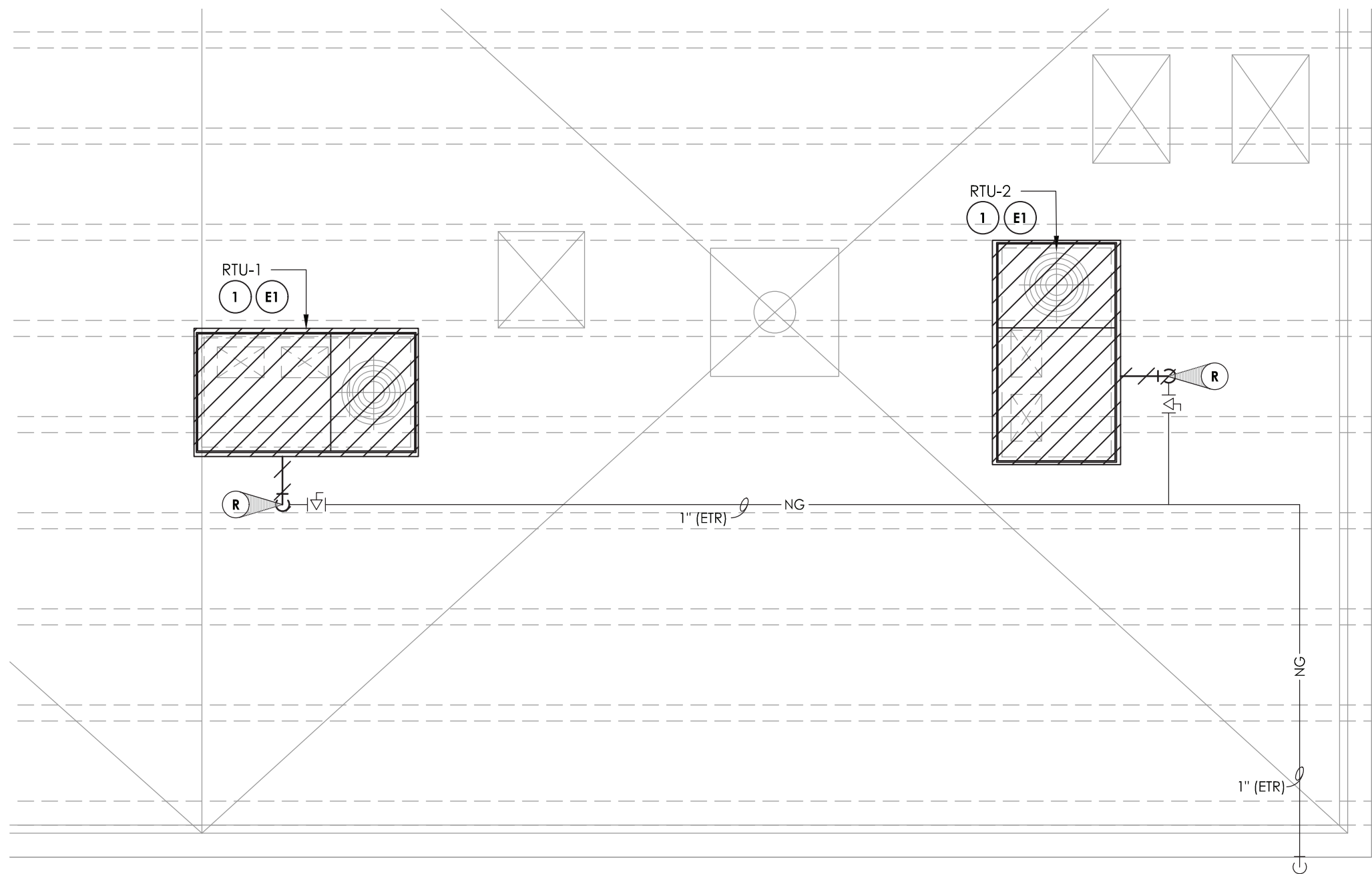
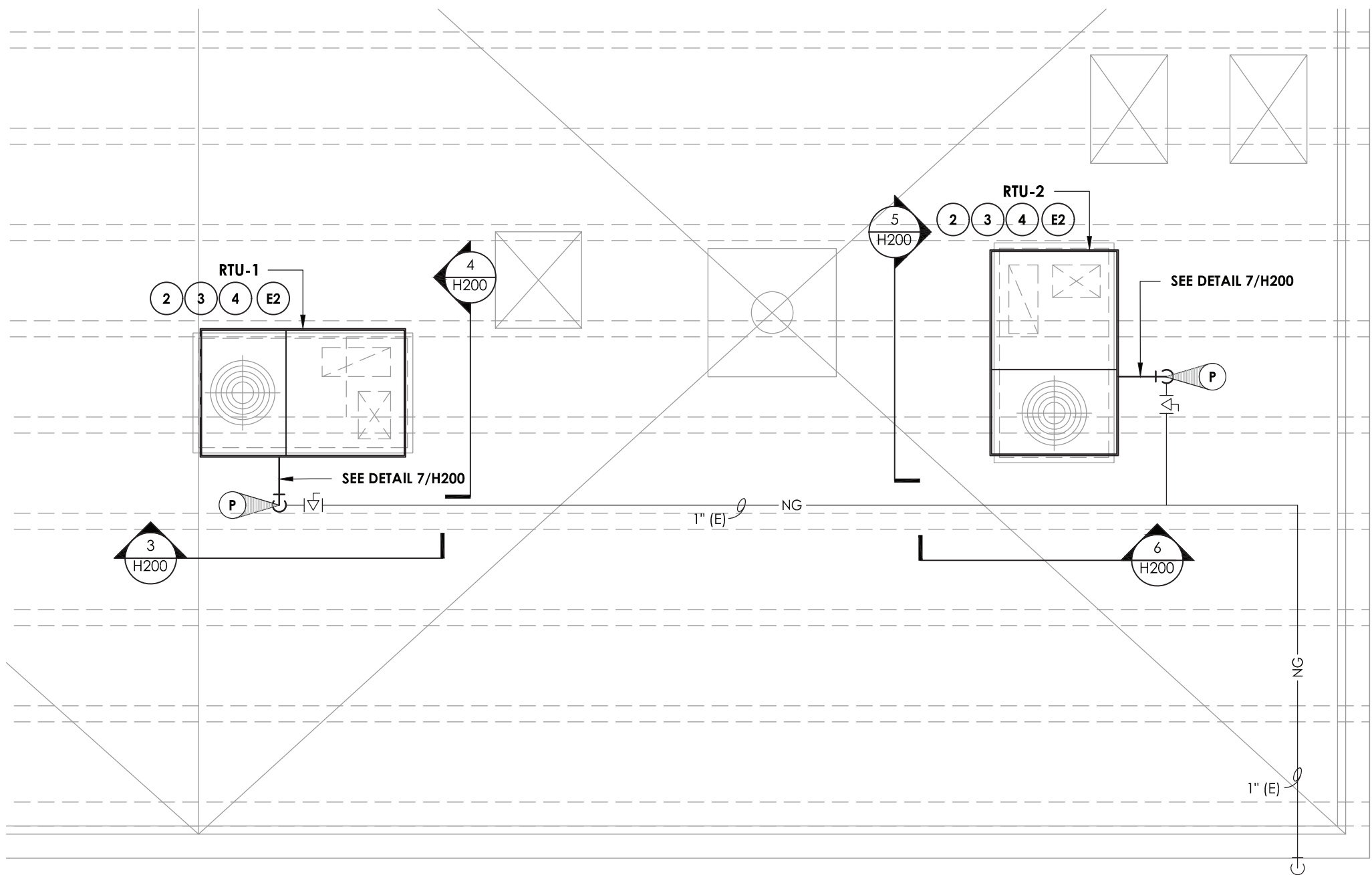
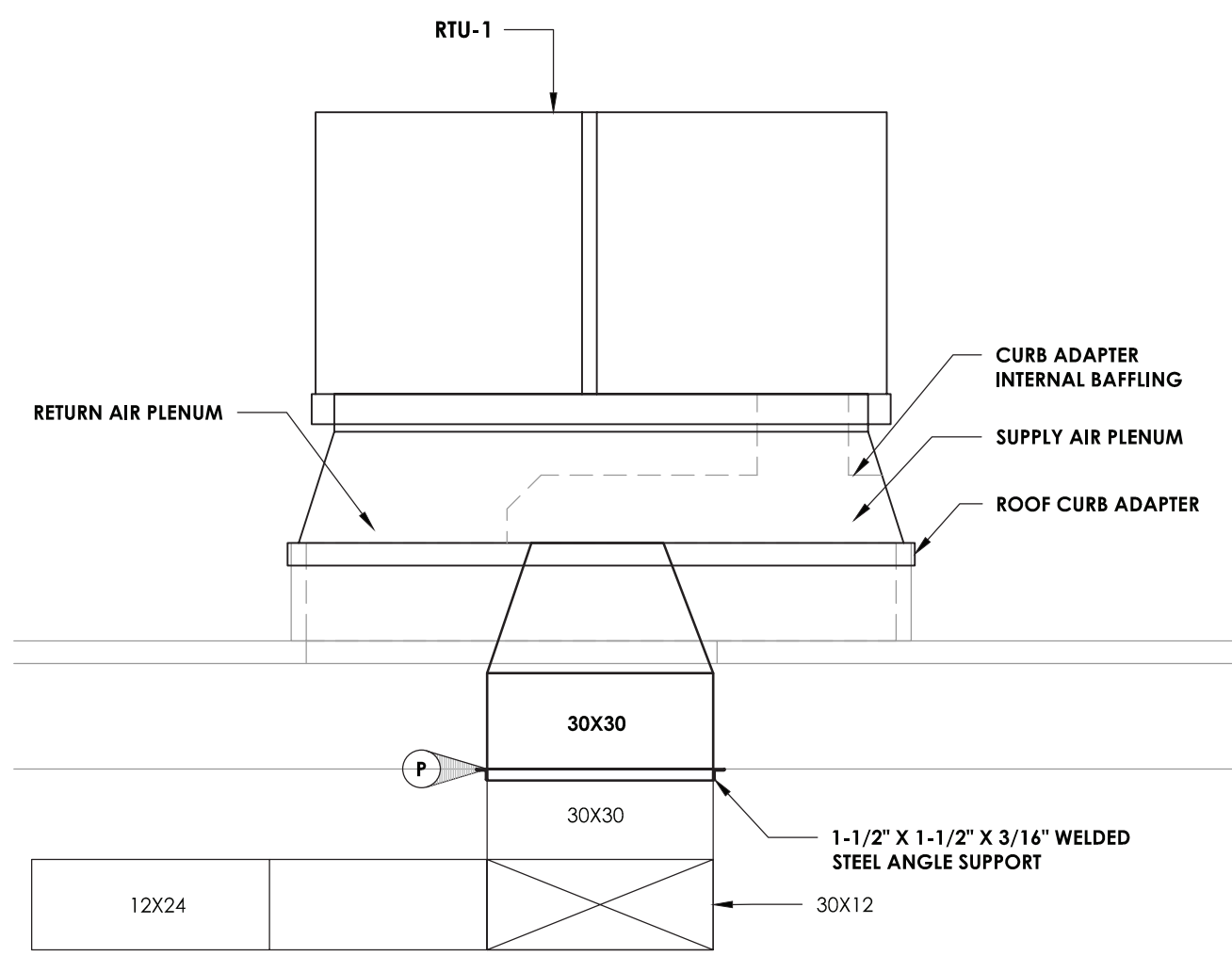




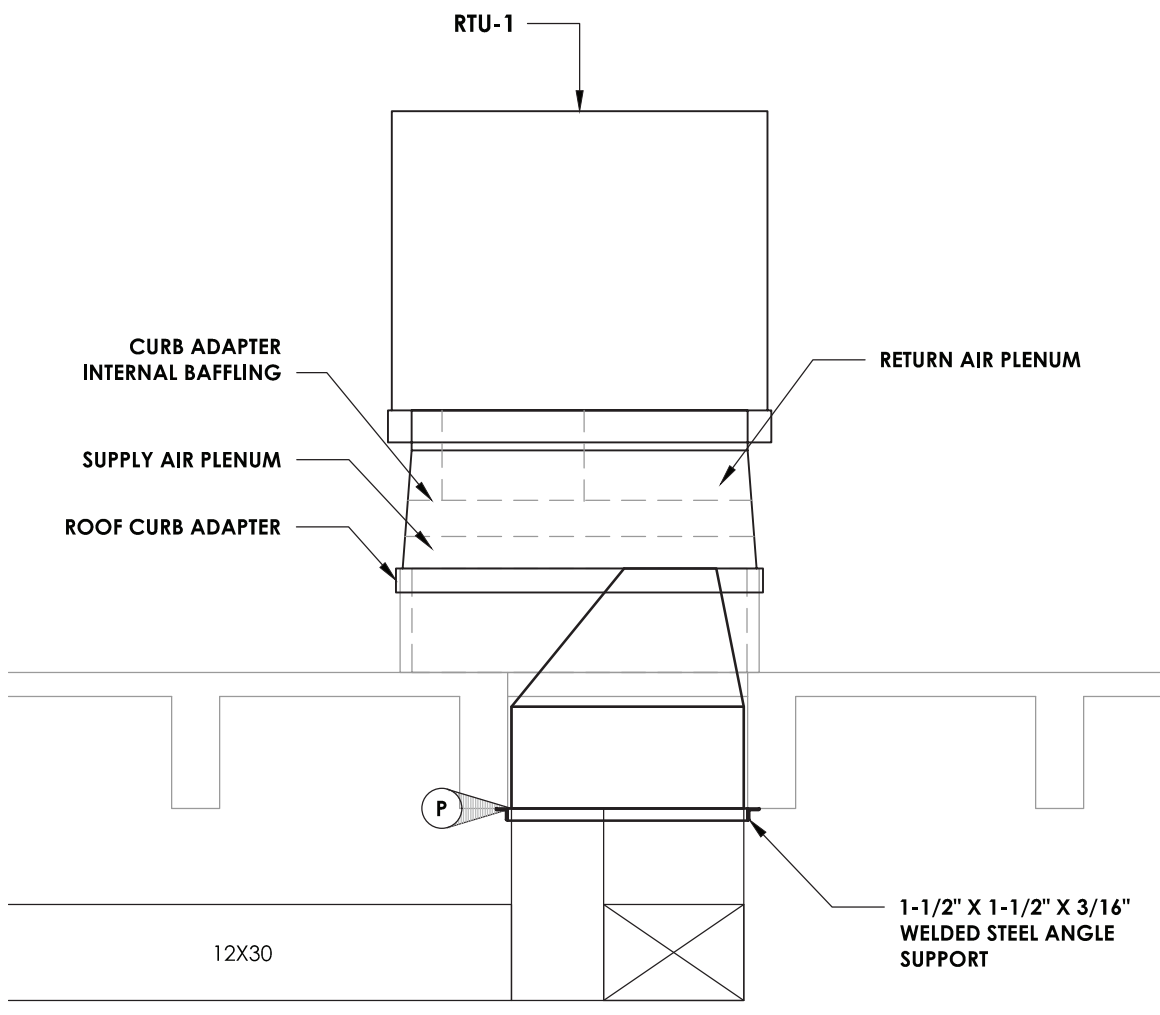
1 DEMOLITION PLAN - ADMIN. BUILDING ROOF
SCALE: 1/4" = 1'-0"



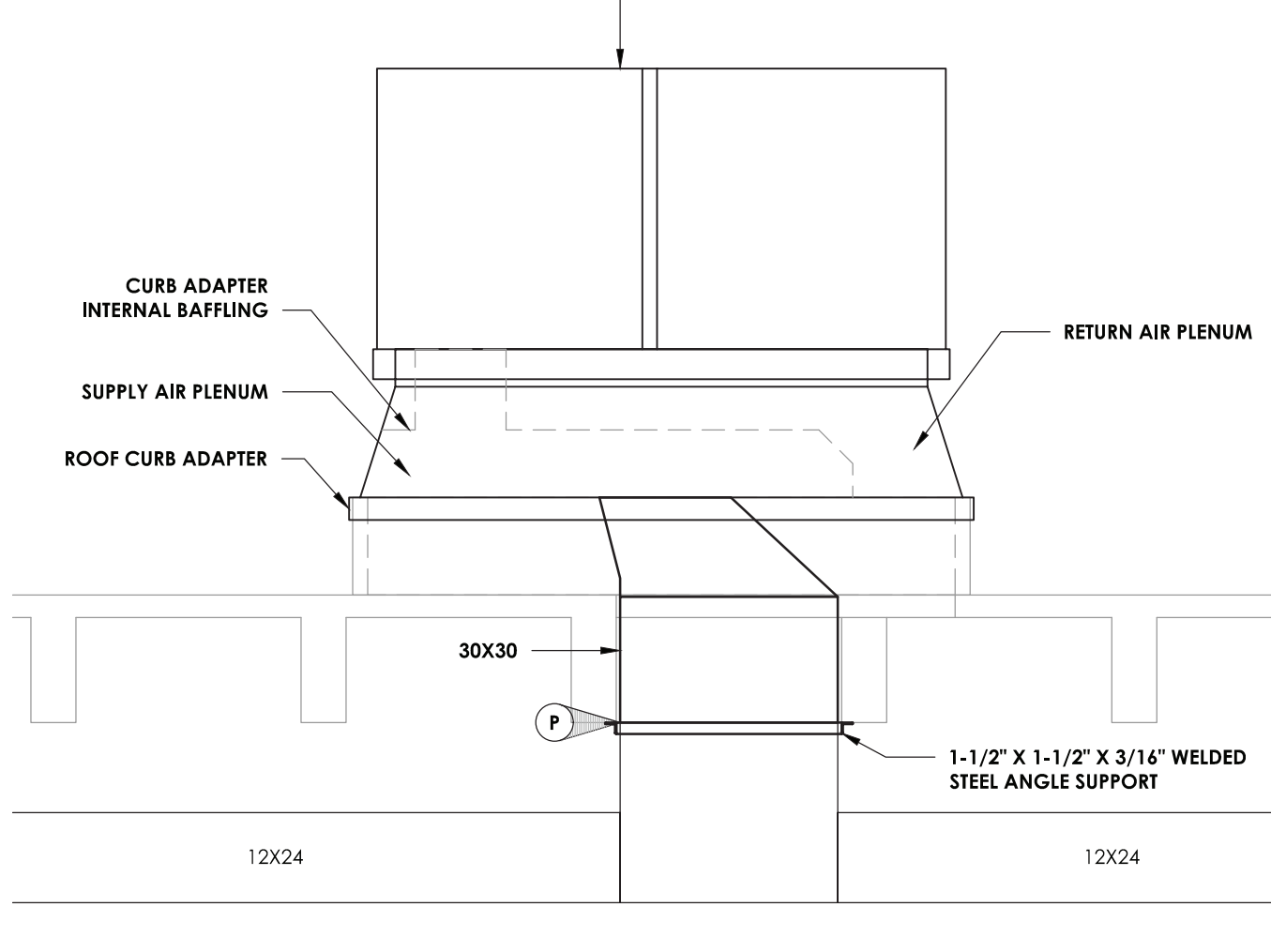
2 NEW WORK PLAN - ADMIN. BUILDING ROOF
SCALE: 1/4" = 1'-0"



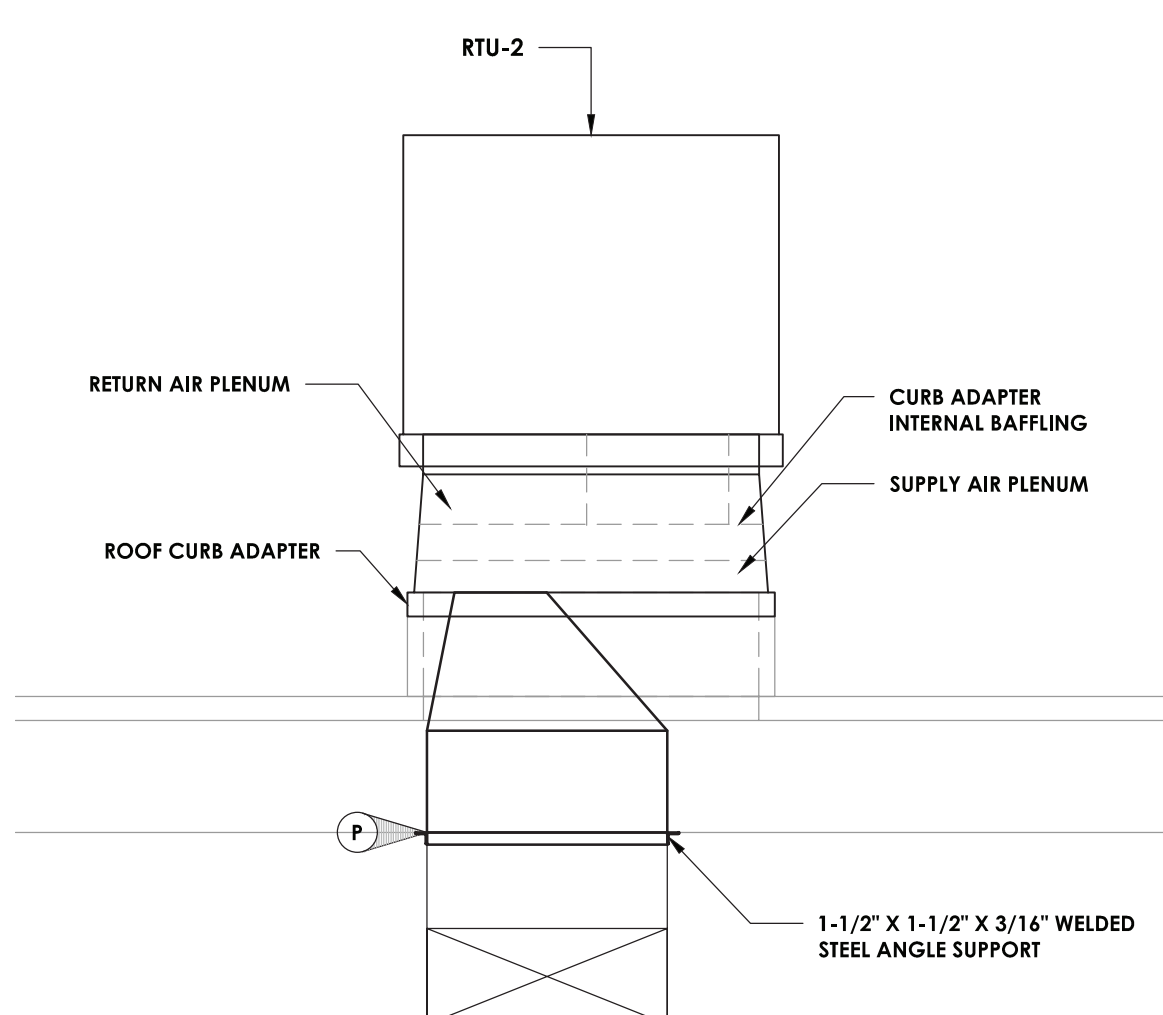
3 SIDE ELEVATION - RTU-1
SCALE: 1/2" = 1'-0"



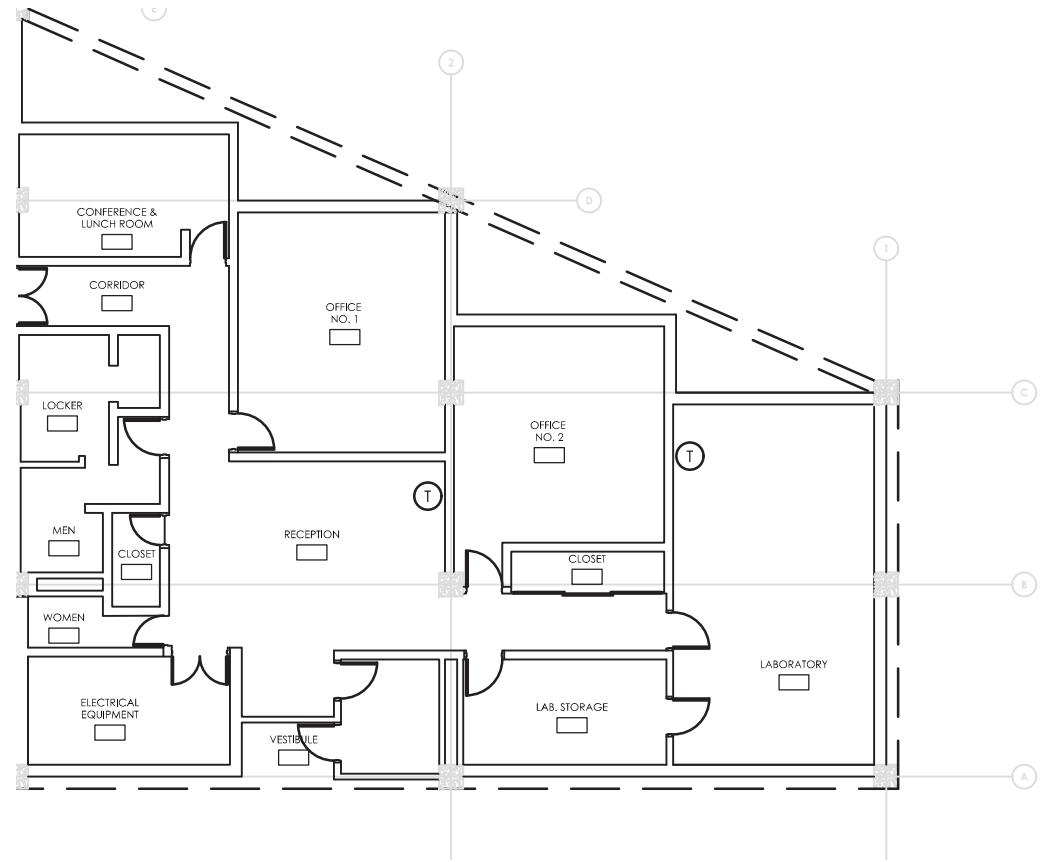
4 FRONT ELEVATION - RTU-1
SCALE: 1/2" = 1'-0"



5 SIDE ELEVATION - RTU-2
SCALE: 1/2" = 1'-0"



6 FRONT ELEVATION - RTU-2
SCALE: 1/2" = 1'-0"



8 THERMOSTAT LOCATIONS
SCALE: NO SCALE

PACKAGED ROOFTOP UNIT SCHEDULE																				
MARK	LOCATION	NOM. TONS	SUPPLY FAN				COOLING CAPACITY				HTG CAP. N.G.		ELECTRICAL DATA			TYPICAL UNIT MFG & MODEL NO.	DIMENSIONS		REMARKS:	
			CFM	OA CFM	ESP (IN. W.C.)	HP / RPM	TOTAL MBH	SENS MBH	EAT °F		INPUT MBH	OUTPUT MBH	FAN HP	VOLT / Ø / Hz	MCA		L" X W" X H"	WEIGHT (LBS)		
									DB	WB										
RTU-1	ADMIN. BLDG ROOF	4	1600	200	1.25	2.0 / 1725	49.6	38.5	80.0	67.0	95.0	115.0	92.0	2.0	460 / 3 / 60	11.0	TRANE-GBC048A4EYAM10 A1A	76.8 X 47.9 X 42.0	566	1
RTU-2	ADMIN. BLDG ROOF	4	1600	200	1.25	2.0 / 1725	49.6	38.5	80.0	67.0	95.0	115.0	92.0	2.0	460 / 3 / 60	11.0	TRANE-GBC048A4EYAM10 A1A	76.8 X 47.9 X 42.0	566	1
REMARKS:			1. FURNISH AND INSTALL NEW PROGRAMMABLE THERMOSTAT AS SPECIFIED.																	

KEY NOTES:

- 1 REMOVE EXISTING ROOF TOP UNIT, DISCONNECT GAS PIPING, CONTROLS, AND ASSOCIATED ROOM THERMOSTAT. PREPARE ROOF CURB AND DUCTWORK FOR CONNECTION TO NEW RTU.
- 2 INSTALL RTU ON EXISTING ROOF CURB USING MANUFACTURES CURB ADAPTER KIT, MODIFY EXISTING DUCTWORK FOR CONNECTION TO RTU, CONNECT RTU TO EXISTING GAS PIPING. PROVIDE CONDENSATE TRAP AT UNIT DRAIN CONNECTION. PATCH AND FLASH ROOF CURB AS NEEDED. PROVIDE ROOFING WORK BY A QUALIFIED CONTRACTOR, MAINTAIN ALL WARRANTIES.
- 3 CLEAN EXISTING SUPPLY AIR DUCTWORK.
- 4 PROVIDE PROTECTION FOR EXISTING ROOFING MEMBRANE DURING ENTIRE CONSTRUCTION PROJECT. PROTECTION METHODS SHALL NOT VOID THE ROOFING MANUFACTURER WARRANTTEE.

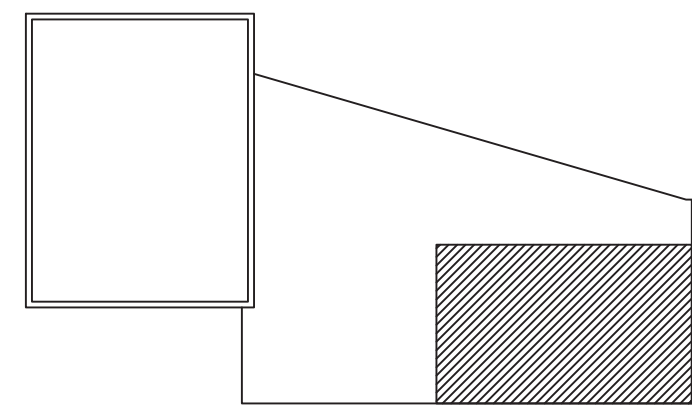
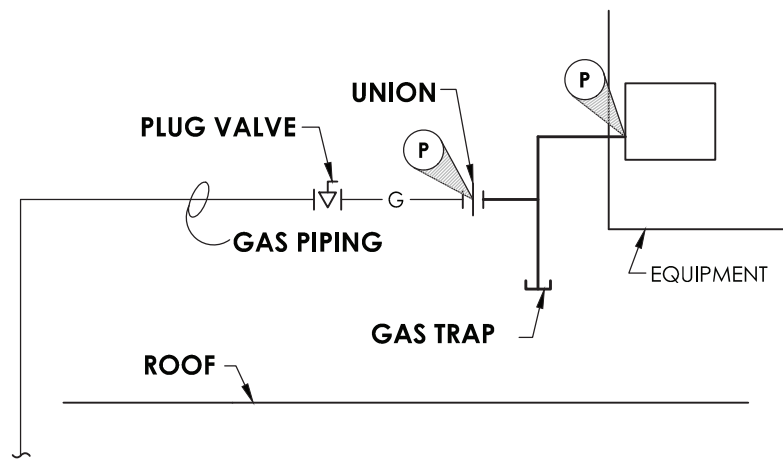
KEY NOTES: ELECTRICAL

- E1 DISCONNECT EXISTING ROOF TOP UNIT FOR REMOVAL. PULL BACK WIRING AND CONDUIT AND TAG FOR REUSE.
- E2 RECONNECT NEW RTU DISCONNECT SWITCH TO EXISTING CONDUIT AND WIRING TAGGED FOR REUSE. REWORK/EXTEND CONDUIT AND WIRING AS NECESSARY. WIRE RTU TO DISCONNECT SWITCH.

P POINT OF CONNECTION

T SPACE THERMOSTAT

7 TYPICAL RTU GAS CONNECTION DETAIL
NOT TO SCALE

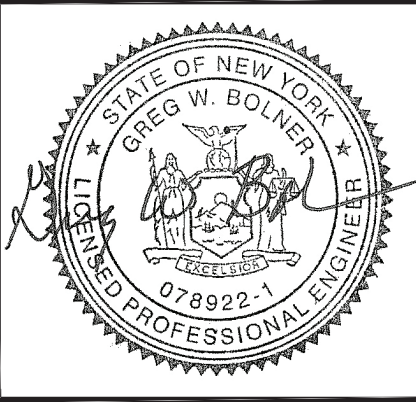


KEY PLAN
SCALE: NTS

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REVISIONS NO.	DATE	BY	DESCRIPTION
1	03/05/2019	RT	ISSUED FOR EFC REVIEW
2	03/25/2020	RT	ISSUED FOR BID



CITY OF POUGHKEEPSIE
ENGINEERING DEPARTMENT
WATER POLLUTION CONTROL PLANT
IMPROVEMENTS
CITY OF POUGHKEEPSIE, NEW YORK

DATE	DRAWN	CHECKED
3/01/2019	MD	RJT
SCALE AS NOTED		
SHEET TITLE		
HVAC ROOF PLAN - DEMOLITION, NEW WORK DETAILS, & SCHEDULES.		

PROJECT NUMBER
12422.06

WPCP
H200
DRAWING NUMBER