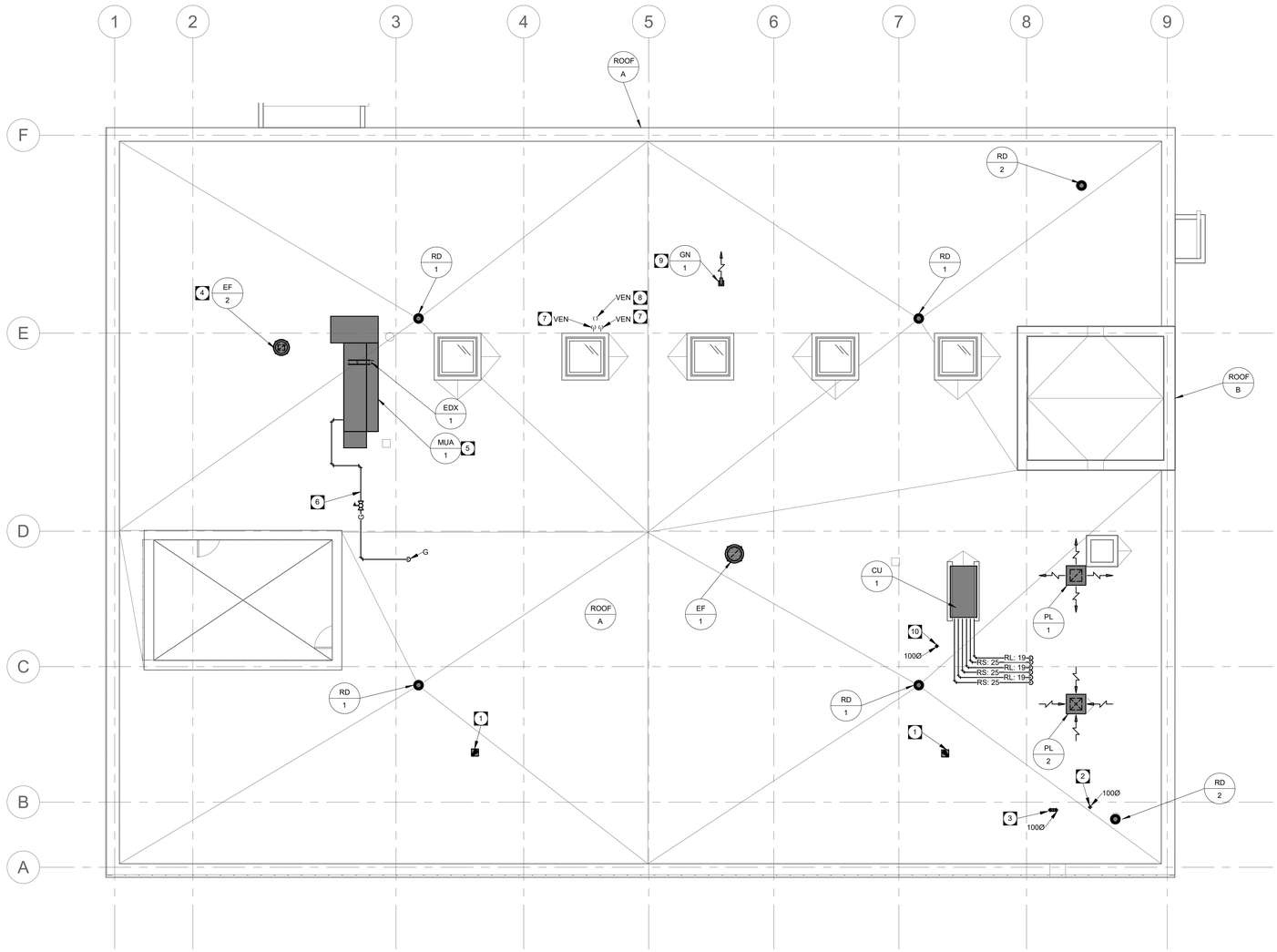

1
M1.2
ROOF PLAN - PLUMBING
SCALE: 1 : 100

KEY NOTES

1. CONCENTRIC ROOF VENT KIT FOR GAS FIRED UNIT HEATERS.
2. FLUE FOR GAS FIRED BOILER UP THROUGH ROOF. TERMINATE FLUE IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
3. COMBUSTION AIR INTAKE FOR GAS FIRED BOILER UP THROUGH ROOF; TERMINATE IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
4. PROVIDE KITCHEN EXHAUST FAN ON MINIMUM 610MM TALL CURB. REFER TO HVAC DETAIL AND ARCHITECTURAL.
5. PROVIDE MUA-1 ON 610 MM TALL INSULATED CURB PROVIDED BY MANUFACTURER. REFER TO ARCHITECTURAL FOR ROOF DETAILS.
6. PROVIDE NATURAL GAS SUPPLY PIPE ACROSS ROOF TO MUA-1. INSTALL AND SUPPORT PIPE ACCORDING TO SPECIFICATIONS AND CSA B149.1.
7. OIL INTERCEPTOR VENT.
8. PLUMBING BUILDING VENT.
9. PROVIDE DRYER VENT DUCT THROUGH WALL UP TO GOOSENECK ON ROOF. PROVIDE INLINE DRYER LINT TRAP WITH ACCESS DOOR IN WALL. GOOSENECK TO BE MINIMUM 1000MM ABOVE ROOF LEVEL.
10. AIR INTAKE PIPE FOR SCBA ROOM AIR COMPRESSOR. PROVIDE GOOSNECK WITH BUGSCREEN MINIMUM 914MM ABOVE ROOF LEVEL. POSITION INTAKE A MINIMUM OF 3000MM FROM ALL BUILDING EXHAUSTS AND PLUMBING VENTS. INSTALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS.

ROOF DRAIN SCHEDULE - CONTROL FLOW

ROOF TAG	DRAINAGE AREA			TOTAL NUMBER OF DRAINS	TOTAL NUMBER OF WEIRS	TOTAL FLOW	WATER STORAGE	NOTES
	ROOF	LARGEST WALL	TOTAL				MAX DEPTH INCH	
A	12703 SF	0 SF	12703 SF	4	4	90 GPM	6	1
B	371 SF	0 SF	371 SF	0	0	0 GPM	0	2

NOTES:
1. PROVIDE TWO EMERGENCY OVERFLOW ROOF DRAINS (RD-2), IN LIEU OF SCUPPERS, EACH 200MM (8 INCH) DIAMETER, ELEVATION SET TO 150MM (6 INCH) ABOVE PRIMARY ROOF DRAINS. REFER TO ARCHITECTURAL FOR SCUPPER. ROOF B TO DRAIN TO ROOF A, WITH NO PONDING OF WATER (BOTTOM OF SCUPPER = LOWEST ELEVATION OF ROOF).

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D.A. SIEPMAN
Member
23527
2023-02-03
REGISTERED PROFESSIONAL ENGINEER

Project
WFPS STATION 9
1083 AUTUMNWOOD DRIVE

Sheet Title
MECHANICAL ROOF PLAN

Project No. 22028
Sheet M1.2

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