



REVISIONS

Δ	DESCRIPTION	DATE



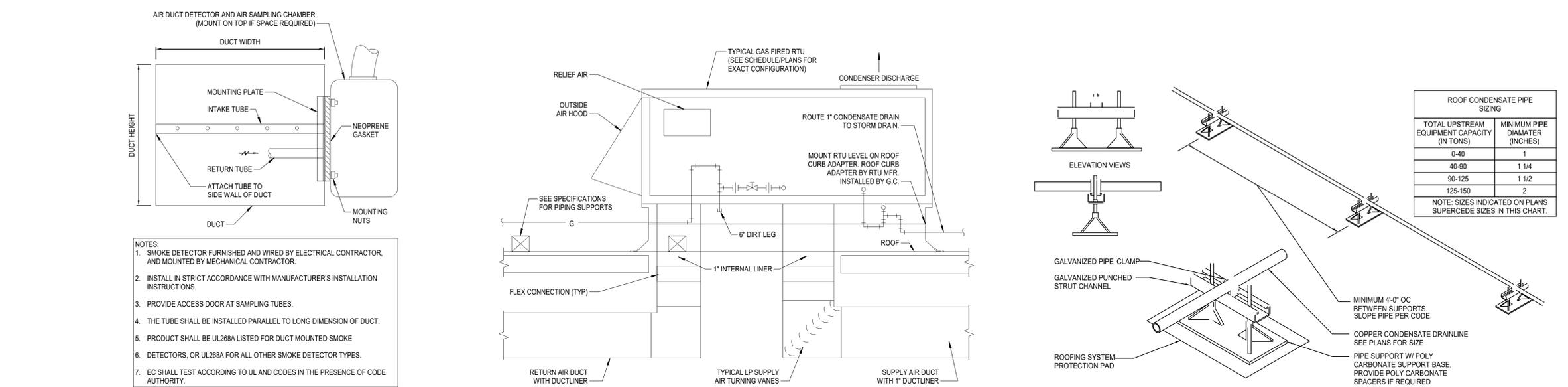
WESTMOORE HIGH SCHOOL 2025
ARENA HVAC

sheet no:

M601

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MARK	FAN										ENERGY RECOVERY PERFORMANCE										COOLING										HEATING										BASIS OF DESIGN				REMARKS
	SUPPLY CFM	OUTSIDE AIR CFM	EXT. STATIC PRESSURE (IN. W.C.)	HORSE POWER	CURRENT CHAR			SUMMER OA AIR DB/WB (°F)	SUMMER LAT DB/WB (°F)	SUMMER CAPACITY REDUCTION (BTUH)	WINTER OA DB/WB (°F)	WINTER LAT DB/WB (°F)	WINTER CAPACITY REDUCTION (BTUH)	AIR TEMPERATURE (°F)					TOTAL CAPACITY (BTU)	SENSIBLE CAPACITY (BTU)	STAGES	MINIMUM EER/SEER	ENTERING AIR TEMP. (°F)	LAT (°F)	INPUT (BTUH)	OUTPUT (BTUH)	STAGES (HEAT)	AFUE %	MANUFACTURER	MODEL	MCA	MOCP	WEIGHT (LBS)												
					V	P	F							EAT DB	EAT WB WET BULB	LAT DB	LAT WB	AMBIENT TEMP																											
RTU-2	10,500	5,100	1.00	5.0	480	3	60	99.5 / 77.7	78.6 / 65.3	259,631	11.4 / 8.6	62.7 / 49.6	282,444	76.7	63.8	53 °F	53 °F	104 °F	340000	258000	SZ/AV	9.8	67	110 °F	600000	486000	16:1 TURNDOWN	90	VALENT	VXE-312-74C-30I-J-2	77	110	8100	1-10,12,13											
RTU-3	6,000	3,540	1.00	5.0	480	3	60	99.5 / 77.7	80.7 / 67.2	156,605	11.4 / 8.6	56.8 / 45.7	173,545	78.0	65.0	54 °F	54 °F	104 °F	195000	146000	SZ/AV	10.8	63	100 °F	300000	243000	16:1 TURNDOWN	80	VALENT	VXE-212-52B-15I-J-G-2	41	60	4300	1-8,11,12,13											
RTU-9	10,500	5,100	1.00	5.0	480	3	60	99.5 / 77.7	78.6 / 65.3	259,631	11.4 / 8.6	62.7 / 49.6	282,444	76.7	63.8	53 °F	53 °F	104 °F	340000	258000	SZ/AV	9.8	67	110 °F	600000	486000	16:1 TURNDOWN	90	VALENT	VXE-312-74C-30I-J-2	77	110	8100	1-10,12,13											
RTU-10	10,000	5,100	1.00	5.0	480	3	60	99.5 / 77.7	78.6 / 65.3	259,631	11.4 / 8.6	62.7 / 49.6	282,444	76.8	63.9	53 °F	53 °F	104 °F	270000	225000	SZ/AV	9.8	67	110 °F	600000	486000	16:1 TURNDOWN	90	VALENT	VXE-312-74C-30I-J-2	63	80	8100	1-10,12,13											



3 SMOKE DETECTOR MOUNTING DETAIL
Scale: N.T.S.

2 TYP. ROOF TOP UNIT GAS FIRED DETAIL
Scale: N.T.S.

1 ROOF CONDENSATE SUPPORT DETAIL
Scale: N.T.S.

6 EXTERIOR DUCT COVERING DETAIL
Scale: N.T.S.

5 ROOF PIPE SUPPORT DETAIL
Scale: N.T.S.

4 RTU GAS CONNECTION DETAIL
Scale: N.T.S.

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