

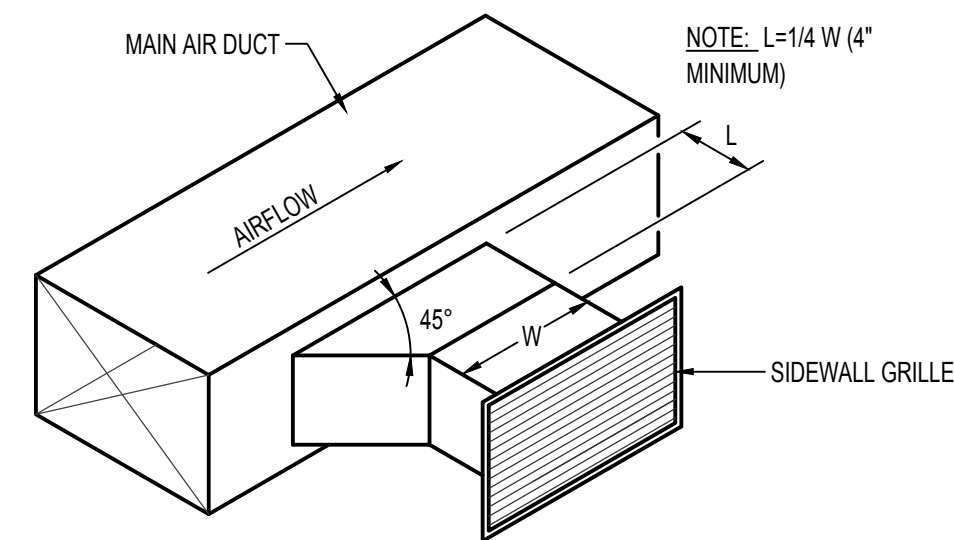
UNIT HEATER SCHEDULE														
SYM.	TYPE	CFM	AMPS	CHAR.	NAT. GAS			EAT	LAT	SUP.	FUEL TYPE	FLUE	WEIGHT	REMARKS
					INPUT	OUTPUT	@ ELEV.							
UH 1 UH 2 UH 3	FAN FORCED NAT. GAS	1345	2.1	120/60/1	105 MBH	87.1 MBH	71.4 MBH	65°F	105°F	1/2"	NAT	(1) 4"Ø	100#	REZNOR MODEL UDAS-100 WITH HORIZONTAL VENT KIT.

FURNACE AND DX COOLING COIL SCHEDULE																							
SYM.	TYPE	C.F.M.	SP _e	SPEED	H.P.	CHAR.	A.G.A.			E.A.T.	L.A.T.	GAS TYPE	DX COOLING COIL				PIPING SIZES			REMARKS			
							INPUT	OUTPUT	@ ELEV.				B.T.U.	E.A.T.	L.A.T.	MAX. P.D.	LIQUID	SUCTION	C.D.		NAT GAS	INTAKE	EXHAUST
F 1	UPFLOW	1995	.60"	M-HIGH	1	120/60/1	132,000	126,000	105,840	65°F	105°F	NAT	54,000	75°F	55°F	25"	SEE C. UNIT SCHD.	SEE C. UNIT SCHD.	3/4"	3/4"	3" PVC	3" PVC	LENNOX EL195UH135P60H WITH FULLY CASED R-410A DX COOLING COIL TO MATCH FURNACE & VERTICAL VENT TERMINAL ASSEMBLY.
F 2	UPFLOW	1400	.60"	M-HIGH	3/4	120/60/1	88,000	82,000	60,000	65°F	105°F	NAT	42,000	75°F	55°F	25"	SEE C. UNIT SCHD.	SEE C. UNIT SCHD.	3/4"	3/4"	2" PVC	2" PVC	LENNOX EL195UH070P48C WITH FULLY CASED R-410A DX COIL TO MATCH FURNACE AND VERTICAL VENT TERMINAL ASSEMBLY.
F 3	UPFLOW	1200	.60"	M-HIGH	1/3	120/60/1	66,000	64,000	47,800	65°F	105°F	NAT	36,000	75°F	55°F	25"	SEE C. UNIT SCHD.	SEE C. UNIT SCHD.	3/4"	3/4"	2" PVC	2" PVC	LENNOX EL195UH070P36B WITH FULLY CASED R-410A DX COIL TO MATCH FURNACE AND VERTICAL VENT TERMINAL ASSEMBLY.

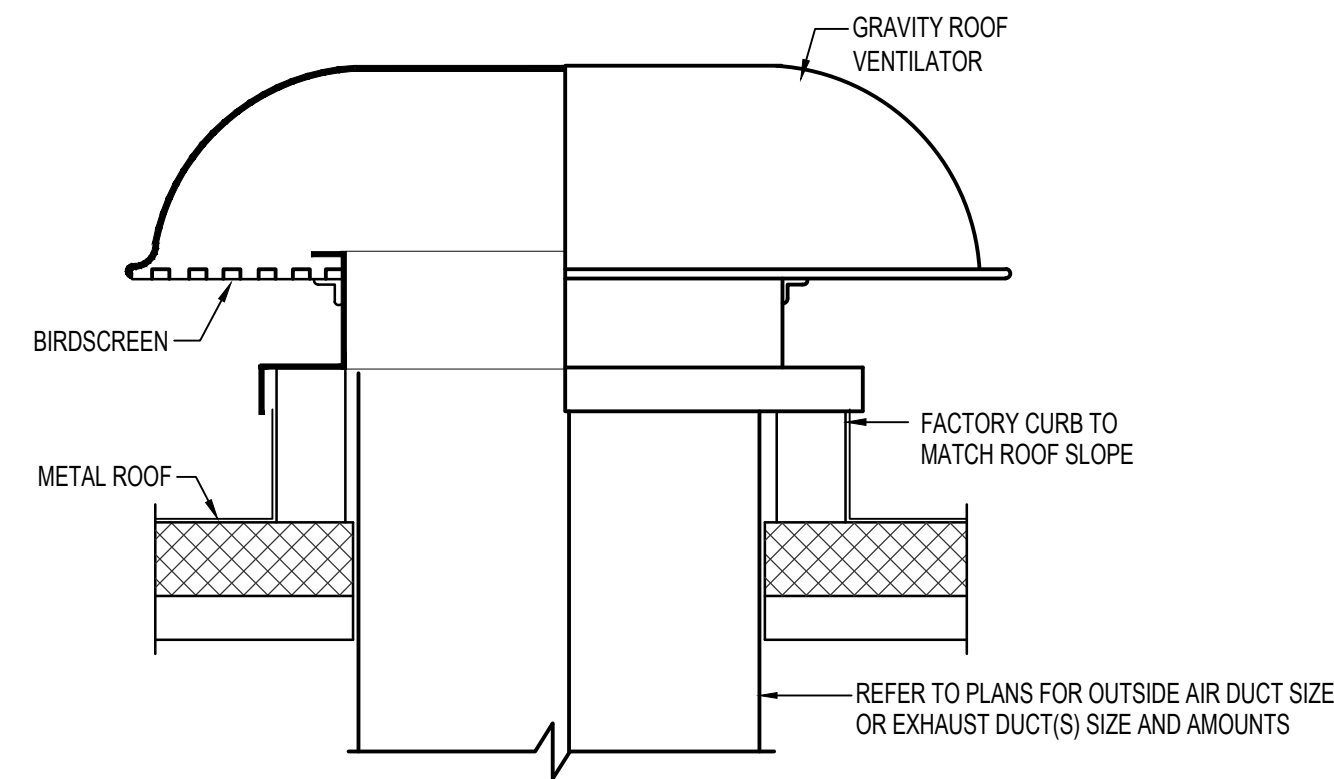
EXHAUST FAN SCHEDULE										
SYM.	TYPE	C.F.M.	S.P.E.	WATTS	CHAR.	R.P.M.	CONTROL	REMARKS		
EF 1	CEILING MOUNTED	100	.40	100	120/60/1	750	WALL SWITCH SEE ELECT.	BROAN LOSONE SELECT MODEL L100 WITH BACKDRAFT DAMPER. 10x3 EXHAUST DUCT TO SLOPED ROOF CAP		
EF 2	CEILING MOUNTED	100	.40	100	120/60/1	750	WALL SWITCH SEE ELECT.	BROAN LOSONE SELECT MODEL L100 WITH BACKDRAFT DAMPER. 10x3 EXHAUST DUCT TO SLOPED ROOF CAP		
EF 3	CEILING MOUNTED	100	.40	100	120/60/1	750	WALL SWITCH SEE ELECT.	BROAN LOSONE SELECT MODEL L100 WITH BACKDRAFT DAMPER. 10x3 EXHAUST DUCT TO SLOPED ROOF CAP		

CONDENSING UNIT SCHEDULE												
SYM.	BTU	EAT	CHAR.	MCA	MOCP	SEER	REFR.	PIPE SIZING		REMARKS		
								LIQUID	SUCTION			
CU 1	54,000	95°F	208/60/1	34.6	60.0	13.0	R-410A	5/8"	1-1/8"	LENNOX MODEL 13ACX-060 WITH 0°F LOW AMBIENT HARD START KIT.		
CU 2	42,000	95°F	208/60/1	25.3	40.0	13.0	R-410A	1/2"	7/8"	LENNOX MODEL 13ACX042S4 WITH 0°F LOW AMBIENT HARD START KIT.		
CU 3	36,000	95°F	208/60/1	21.9	20.0	13.0	R-410A	3/8"	5/8"	LENNOX MODEL 13ACX036S4 WITH 0°F LOW AMBIENT HARD START KIT.		

GRILLE AND REGISTER SCHEDULE									
SYM.	TYPE	SIZE	CFM RANGE	THROW PATTERN	CONSTR.	FINISH	BALANCING DAMPER	FIRE DAMPER	REMARKS
D-1 CFM	CEILING	9x9	100-250	⬇	STEEL	WHITE	NO	NA	PRICE MODEL SMD IN 24x24 LAY-IN MODULE
D-2 CFM	CEILING	9x9	100-285	⬇	STEEL	WHITE	NO	NA	PRICE MODEL SMD IN 24x24 LAY-IN MODULE
SR-1 CFM	SIDEWALL	6x6	50-100	NA	STEEL	WHITE	YES	NA	PRICE MODEL 5200
SR-2 CFM	SIDEWALL	12x8	150-250	NA	STEEL	WHITE	YES	NA	PRICE MODEL SDGE
SR-3 CFM	SIDEWALL	12x8	200-300	NA	STEEL	WHITE	YES	NA	PRICE MODEL 5200
TG-1	SIDEWALL TRANSFER	12x6	100-200	NA	STEEL	WHITE	NA	NA	PRICE MODEL 535
R-1	HIGH SIDEWALL	12x8	100-300	NA	STEEL	WHITE	NA	NA	PRICE MODEL 535
R-2	HIGH SIDEWALL	10x10	100-300	NA	STEEL	WHITE	NA	NA	PRICE MODEL 535
R-3	LOW SIDEWALL	30x24	1995	NA	STEEL	WHITE	NA	NA	PRICE MODEL 535
RC-1	EXHAUST	16"Ø	300	NA	ALUM.	ALUM.	NA	NA	PENN ROOF CAP WITH CURB INSECT SCREEN & DAMPER
PH-1	INTAKE	16"Ø	150-750	NA	ALUM.	ALUM.	NA	NA	PENN MODEL DR16 WITH INSECT SCREEN

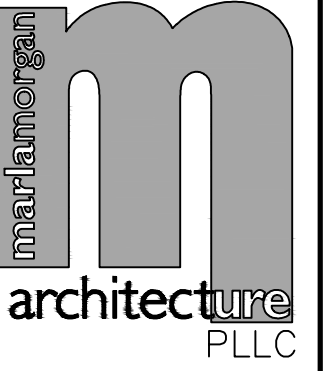


SIDEWALL GRILLE CONNECTION DETAIL
NO SCALE



ROOF CAP DETAIL
NO SCALE

LICENSED ARCHITECT AR-2650
MARLA R. MORGAN
STATE OF IDAHO



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SHEET CONTENTS
MECHANICAL DETAILS & SCHEDULES

REVISIONS	No	DATE	DESCRIPTION

SHEET NUMBER
M-2 OF 3

PROFESSIONAL ENGINEER REGISTERED
Donna E. Suda
STATE OF IDAHO
MAY 16, 2007
C. SUDWICKS
Dec 07, 2020

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