

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	PIPING SIZES			REMARKS	
							INPUT	OUTPUT	@ ELEV.				G.D.	LP GAS	INTAKE		EXHAUST
F-1	UPFLOW	1200	.60"	M-HIGH	1/3	120/60/1	88,000	82,000	60,000	65°F	105°F	LP	3/4"	3/4"	2" PVC	2" PVC	LENNOX EL195UHO40P36B AND VERTICAL VENT TERMINAL ASSEMBLY & LP GAS KIT.
F-2**	UPFLOW	1000	.60"	M-HIGH	1/3	120/60/1	44,000	42,000	34,810	65°F	105°F	LP	3/4"	3/4"	2" PVC	2" PVC	LENNOX EL195UHO45P36B AND VERTICAL VENT TERMINAL ASSEMBLY & LP GAS KIT.

** FURNACE F-2 TO BE INSTALLED UNDER BID ALT. #2

ELECTRIC HEATER SCHEDULE						
SYM.	TYPE	BTU	KW	CHAR.	CONTROL	REMARKS
EH-1	WALL MOUNTED	6,826	2.0	240/60/1	INTEGRAL	QMARK MODEL AWH4204 WALL HEATER WITH RECESSED BRACKET AND INTEGRAL T-STAT
EH-2	WALL MOUNTED	2,554	0.75	120/60/1	INTEGRAL	QMARK MODEL GFR1500T2 WALL HEATER WITH RECESSED BRACKET AND INTEGRAL T-STAT
EH-3**	WALL MOUNTED	2,554	0.75	120/60/1	INTEGRAL	QMARK MODEL GFR1500T2 WALL HEATER WITH RECESSED BRACKET AND INTEGRAL T-STAT

** ELEC. HEATER EH-3 TO BE INSTALLED UNDER BID ALT. #2

EXHAUST FAN SCHEDULE								
SYM.	TYPE	C.F.M.	S.P.E.	WATTS	CHAR.	R.P.M.	CONTROL	REMARKS
EF-1	CEILING MOUNTED	100	0.25	100	120/60/1	750	SWITCH SEE ELEC.	BROAN LOSONE SELECT MODEL L100 WITH BACKDRAFT DAMPER. 6" EXHAUST DUCT TO SLOPED ROOF CAP
EF-2**	CEILING MOUNTED	100	0.25	100	120/60/1	750	SWITCH SEE ELEC.	BROAN LOSONE SELECT MODEL L100 WITH BACKDRAFT DAMPER. 6" EXHAUST DUCT TO SLOPED ROOF CAP
EF-3**	CEILING MOUNTED	150	0.4	100	120/60/1	750	SWITCH SEE ELEC.	BROAN LOSONE SELECT MODEL L150 WITH BACKDRAFT DAMPER. 8" EXHAUST DUCT TO WALL LOUVER
EF-4	ROOF MOUNTED	2800	0.25	1/2 H.P.	240/60/1	750	CO2 SENSOR SEE PLAN	TWIN CITY MODEL BCRD 160 WITH FACTORY MOUNTED ROOF CURB.
EF-5	ROOF MOUNTED	2800	0.25	1/2 H.P.	240/60/1	750	CO2 SENSOR SEE PLAN	TWIN CITY MODEL BCRD 160 WITH FACTORY MOUNTED ROOF CURB.
EF-6**	CEILING MOUNTED	200	0.2	150	120/60/1	750	SWITCH SEE ELEC.	BROAN LOSONE SELECT MODEL L200 WITH BACKDRAFT DAMPER. 8" EXHAUST DUCT TO SLOPED ROOF CAP

** EXHAUST FAN TO BE INSTALLED UNDER BID ALT. #2

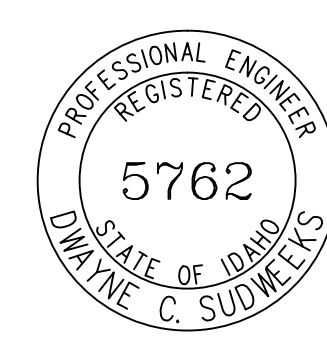
UNIT HEATER SCHEDULE (LP GAS)														
SYM.	TYPE	CFM	AMPS	CHAR.	LP GAS			EAT	LAT	SUP.	FUEL TYPE	FLUES	WEIGHT	REMARKS
					INPUT	OUTPUT	@ ELEV.							
UH-1 THRU UH-3	FAN FORCED LP GAS	1345	4.0	115/60/1	105 MBH	87 MBH	72 MBH	50°F	45°F	1/2"	LP	4" φ	120#	REZTOR MODEL UDAS 100 WITH HORIZ. VENT TERMINAL ASSEMBLY & LP GAS KIT.

* UNIT HEATERS UH-1 THRU UH-3 TO BE RELOCATED UNDER BID ALT. #1


GRILLE AND REGISTER SCHEDULE									
SYM.	TYPE	SIZE	CFM RANGE	THROW PATTERN	CONSTR.	FINISH	BALANCING DAMPER	FIRE DAMPER	REMARKS
D-1 CFM**	CEILING	6x6	50-110	⬇	STEEL	WHITE	NA	NA	PRICE MODEL SMD WITH BEVELED FRAME
D-2 CFM**	CEILING	9x9	110-280	⬇	STEEL	WHITE	NA	NA	PRICE MODEL SMD WITH BEVELED FRAME
D-3 CFM**	CEILING	9x9	110-280	⬇	STEEL	WHITE	NA	NA	PRICE MODEL SMD WITH BEVELED FRAME
D-4 CFM**	CEILING	9x9	110-280	⬇	STEEL	WHITE	NA	NA	PRICE MODEL SMD IN 24x24 LAY-IN MODULE
D-5 CFM**	CEILING	9x9	110-280	⬇	STEEL	WHITE	NA	NA	PRICE MODEL SMD IN 24x24 LAY-IN MODULE
SR-1 CFM	SIDEWALL	12x8	300	NA	STEEL	WHITE	YES	NA	PRICE MODEL 520 D WITH FLANGE FRAME
R-1**	CEILING	10x10	100-300	NA	STEEL	WHITE	NA	NA	PRICE MODEL 535
R-2**	CEILING	10x10	100-300	NA	STEEL	WHITE	NA	NA	PRICE MODEL 535 IN 24x24 LAY-IN MODULE
R-3**	CEILING	16x16	450-700	NA	STEEL	WHITE	NA	NA	PRICE MODEL 535 IN 24x24 LAY-IN MODULE
OL-1	INTAKE LOUVER	16x12	150-300	NA	ALUM	COLOR BY ARCH.	NA	NA	AMERICAN WARMING LE-31 WITH INSECT SCREEN
OL-2	INTAKE LOUVER	36x30	2800	NA	ALUM	COLOR BY ARCH.	NA	NA	AMERICAN WARMING LE-64BD WITH INSECT SCREEN
IG-1	SIDEWALL INTAKE	36x30	2800	NA	STEEL	WHITE	NA	NA	PRICE MODEL 91
EG-1	CEILING EXHAUST	24x24	2800	NA	STEEL	WHITE	NA	NA	PRICE MODEL 82

** TO BE INSTALLED UNDER BID ALT. #2

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
 DATE ORIGINAL SIGNED: JAN. 15, 2020
 ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
 1355 EAST CENTER, POCATELLO, IDAHO 83201



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PROJECT: NCRFD NEW FACILITY
 SHEET TITLE: MECHANICAL SCHEDULES
 CONTRACTOR SHALL VERIFY ALL DIMENSIONS & CONDITIONS SHOWN OR IMPLIED
 DRAWING SCALE APPLIES TO 22" X 34" SHEET SIZE
 REVISION: _____ DATE: _____
 DRAWN BY: SR
 CHECKED BY: DCS
 JOB NUMBER: 18464
 PROJECT DATE: JAN. 2020
 SHEET OF: **M300**

NCRFD NEW FACILITY
CHALLIS, IDAHO