



FURNACE AND DX COOLING COIL SCHEDULE

SYM.	TYPE	C.F.M.	S.P.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	1000	60"	M-HIGH	1/3	120/60/1	66,000	64,000	41,800	65°F	105°F	NAT	30,000	75°F	55°F	.25"	SEE C. UNIT SCHED.	SEE C. UNIT SCHED.	3/4"	3/4"	2" PVC	2" PVC	LENOX EL1F8H010P86B WITH FULLY GASED R-410A DX COIL TO MATCH FURNACE AND VERTICAL VEIN TERMINAL ASSEMBLY.
F-2	UPFLOW	1600	60"	M-HIGH	3/4	120/60/1	88,000	82,000	60,000	65°F	105°F	NAT	48,000	75°F	55°F	.25"	SEE C. UNIT SCHED.	SEE C. UNIT SCHED.	3/4"	3/4"	2" PVC	2" PVC	LENOX EL1F8H010P86C WITH FULLY GASED R-410A DX COIL TO MATCH FURNACE AND VERTICAL VEIN TERMINAL ASSEMBLY.
F-3	UPFLOW	1600	60"	M-HIGH	3/4	120/60/1	88,000	82,000	60,000	65°F	105°F	NAT	48,000	75°F	55°F	.25"	SEE C. UNIT SCHED.	SEE C. UNIT SCHED.	3/4"	3/4"	2" PVC	2" PVC	LENOX EL1F8H010P86C WITH FULLY GASED R-410A DX COIL TO MATCH FURNACE AND VERTICAL VEIN TERMINAL ASSEMBLY.

* PROVIDE TWINNING KIT FOR FURNACES F-2A & F-2b

CONDENSING UNIT SCHEDULE

SYM.	BTU	EAT	CHAR.	MCA	MFS	SEER	REFR.	PIPE SIZING		REMARKS
								LIQUID	SUCTION	
C-1	30,000	84°F	240/60/1	18.7	30.0	13.0	R-410A	3/8"	5/8"	LENOX MODEL 13ACX03654 WITH 0°F LOW AMBIENT HARD START KIT.
C-2	48,000	84°F	240/60/1	28.9	30.0	13.0	R-410A	1/2"	7/8"	LENOX MODEL 13ACX04854 WITH 0°F LOW AMBIENT HARD START KIT.
C-3	48,000	84°F	240/60/1	28.9	30.0	13.0	R-410A	1/2"	7/8"	LENOX MODEL 13ACX04854 WITH 0°F LOW AMBIENT HARD START KIT.

HEAT PUMP UNIT SCHEDULE

SYM.	CFM	CHAR.	MCA	COP	HEATING		COOLING		REMARKS
					BTU	KW	BTU	EER	
HP-1	210/225	240/60/1	14.5	3.6	7800	2.3	7100	13.0	L6 MODEL LP073HDUC WITH 2.3 KW ELECTRIC COIL & REMOTE T-STAT.

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. 10x4 EXHAUST DUCT TO HALL CAP.
EF-2	CEILING MOUNTED	225	.40	166	120/60/1	750	OCC. SENSOR SEE ELECT.	BROAN LOSONE SELECT MODEL L100 WITH BACKDRAFT DAMPER. 10x4 EXHAUST DUCT TO HALL CAP.
EF-3	CEILING MOUNTED	225	.40	166	120/60/1	750	OCC. SENSOR SEE ELECT.	BROAN LOSONE SELECT MODEL L100 WITH BACKDRAFT DAMPER. 10x4 EXHAUST DUCT TO HALL CAP.
EF-4	CEILING MOUNTED	150	.40	100	120/60/1	750	WALL SWITCH SEE ELECT.	BROAN LOSONE SELECT MODEL L150 WITH BACKDRAFT DAMPER. 10x4 EXHAUST DUCT TO HALL CAP.

GRILLE AND REGISTER SCHEDULE

SYM.	TYPE	SIZE	CFM RANGE	THROW PATTERN	CONSTR.	FINISH	BALANCING DAMPER	FIRE DAMPER	REMARKS
D-1 GFM	CEILING	6x6	50-110	◀▶	STEEL	COLOR BY ARCH.	YES	NA	PRICE MODEL SMD WITH BEVELED FRAME
D-2 GFM	CEILING	6x6	50-110	◀▶	STEEL	COLOR BY ARCH.	YES	NA	PRICE MODEL SMD WITH BEVELED FRAME
D-3 GFM	CEILING	4x4	110-280	◀▶	STEEL	COLOR BY ARCH.	YES	NA	PRICE MODEL SMD WITH BEVELED FRAME
SR-1 GFM	SIDEWALL	12x10	200-300	NA	STEEL	COLOR BY ARCH.	YES	NA	PRICE MODEL 520 D WITH FLANGE FRAME
R-1	CEILING	8x8	50-100	NA	STEEL	COLOR BY ARCH.	NA	NA	PRICE MODEL 535
R-2	CEILING	10x10	100-300	NA	STEEL	COLOR BY ARCH.	NA	NA	PRICE MODEL 535
R-3	CEILING	12x12	300-450	NA	STEEL	COLOR BY ARCH.	NA	NA	PRICE MODEL 535
R-4	SIDEWALL	36x48	3200	NA	STEEL	COLOR BY ARCH.	NA	NA	PRICE MODEL 96L WITH 2" WIDE FRAME
QL-1	INTAKE LOUVER	12x12	100	NA	ALUM.	MATCH BLDG.	NA	NA	AMERICAN WARMING LE-31 W/ INSECT SCREEN
QL-2	INTAKE LOUVER	20x16	500	NA	ALUM.	MATCH BLDG.	NA	NA	AMERICAN WARMING LE-31 W/ INSECT SCREEN

SEAL:

REV DATE DESCRIPTION

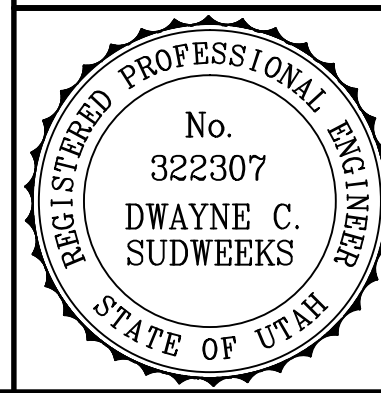
PROJECT: New Tenant Improvement For: WASATCH COWBOY CHURCH 5603 SOUTH 6700 WEST HOOPER, UT 84315

SHEET TITLE: MECHANICAL SCHEDULES

SHEET NUMBER: M201

DO NOT SCALE DRAWING

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
 DATE ORIGINAL SIGNED: Jan 08, 2014
 ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
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