

AIR HANDLING UNIT SCHEDULE																														PLAN SYMBOL										
REF. No.	MANUFACTURER/ MODEL	AREA SERVED	SUPPLY FAN SECTION										DX COIL						HOT WATER HEATING COIL						RETURN FAN SECTION					REMARKS										
			CFM	MAX. OUTLET VEL. FPM	RPM	STATIC PRESS. IN. WG.		MOTOR				TYPE	E.A.T.		CAPACITY (MBH)		LIQ. TEMP.	SUCT. TEMP.	L.A.T.		AIR TEMP. °F		MBH	FACE VEL. FPM	WATER TEMP. °F		GPM	AIR PRESS. DROP IN. WG.	AIR PRESS. DROP FT. HD.		CFM	MAX. OUTLET VEL. FPM	RPM	STATIC PRESS. IN. WG.		MOTOR				
						TOT.	EXT.	HP.	VOLTS	PHASE	HZ		DB	WB	TOTAL	SENS.			DB	WB	ENT.	LVG.			ENT.	LVG.								ENT.	LVG.	ENT.	LVG.	ENT.	LVG.	ENT.
AHU-1	TRANE MCC06	FRONT LOBBY	2325	1224	1158	1.93	0.75	1.5	240	1	60	2	FP106	78.3	65.4	56.4	41.5	115	37	62.1	57.7	58.8	105.2	117	797	180	160	12.0	0.43	0.41	2325	1224	727	0.08	0.50	0.8	240	1	60	NOTE 1
AHU-2	TRANE MCC03	ENTRY LOBBY	550	-	1047	0.88	0.75	1/2	240	1	60	2	FP84	78.3	66.2	12.0	8.9	115	45	63.7	59.4	58.9	99.2	24	200	180	160	2.5	0.02	0.05	-	-	-	-	-	-	-	-	-	NOTE 2

NOTES:
 1) AHU-1 SHALL BE DOUBLE WALL CONSTRUCTION, PROVIDE RETURN FAN, ECONOMIZER, FILTER MIXING BOX, DX COIL, INTERNAL FACE AND BYPASS, HOT WATER COIL, AND SUPPLY FAN SECTIONS.
 2) AHU-2 SHALL BE DOUBLE WALL CONSTRUCTION, PROVIDE FILTER MIXING BOX, DX COIL, HOT WATER COIL, AND SUPPLY FAN SECTIONS.

HEAT RECOVERY UNIT SCHEDULE																												PLAN SYMBOL	
REF. No.	MANUFACTURER	MODEL	SUPPLY SIDE										EXHAUST SIDE										REMARKS						
			CFM	MAX. FACE VEL. FPM	RPM	STATIC PRESS. IN. WG.		MOTOR				AIR TEMP. °F (DB/WB) WINTER		AIR TEMP. °F (DB/WB) SUMMER		CFM	MAX. FACE VEL. FPM	RPM	STATIC PRESS. IN. WG.		MOTOR				AIR TEMP. °F (DB/WB) WINTER		AIR TEMP. °F (DB/WB) SUMMER		
						TOT.	EXT.	HP.	VOLTS	PHASE	HZ	ENT.	LVG.	ENT.	LVG.				TOT.	EXT.	HP.	VOLTS		PHASE	HZ	ENT.	LVG.	ENT.	LVG.
HRU-1	DESCHAMPS	MICRO - 2 2070	1895	-	-	2.37	0.75	1 1/2	240	1	60	-20/-20	42/12	88/72	79/65	1895	-	-	2.37	0.75	1 1/2	240	1	60	70/47	10.0°F DB	75/66	84.0°F DB	

NOTE:
 1) PROVIDE SPRING VIBRATION ISOLATORS FOR BASE MOUNTING, ONE SPARE SET OF BELTS AND FILTERS FOR UNIT. PROVIDE DEFROST AND BYPASS CONTROLS AS SPECIFIED.

AIR COOLED CONDENSING UNIT SCHEDULE																						PLAN SYMBOL
REF. No.	MANUFACTURER/ MODEL	NOMINAL CAPACITY	AMBIENT TEMP. °F	SUCTION TEMP. °F	REFRIG. TYPE	COMPRESSOR				CONDENSER FAN				REMARKS								
						NO.	RLA	LRA	ELECTRICAL			NO.	RLA		FLA RA	ELECTRICAL						
									HP.	VOLTS	PHASE					HZ	HP.	VOLTS	PHASE	HZ		
CU-1	TRANE/TTB060C100B	5 TON	95°	45°	R-22	1	29.1	141	-	240	1	60	1	-	1.90	1/4	240	1	60	SEE NOTE		
CU-2	TRANE/TTB012C100A	1 TON	95°	45°	R-22	1	7.0	45	-	240	1	60	1	-	0.83	1/8	240	1	60	SEE NOTE		

NOTE: PROVIDE INDOOR FAN RELAY KIT, EVAPORATOR DEFROST CONTROL, THERMAL EXPANSION VALVE, OUTDOOR THERMOSTAT, ISOLATORS, CRANKCASE HEATERS, LOW AMBIENT CONTROLS, INCLUDING HOT GAS BYPASS AND FAN SPEED CONTROLS

EXHAUST FAN SCHEDULE														PLAN SYMBOL
REF. NO.	CFM	MAX. OUT. VEL. FPM	RPM	TOTAL STATIC PRESS. IN. WG.	MOTOR				DRIVE	MANUFACTURE MODEL	REMARKS			
					HP	VOLTS	Ø	HZ						
EF-1	700	228	1275	0.50	1/4	115	1	60	BELT	GREENHECK BSQ-80-4	INSULATED MOTOR COVER/ INSULATED FAN CASING			

PUMP SCHEDULE												PLAN SYMBOL: P-#
REF. No.	SYSTEM SERVED	PUMP LOCATION	GPM	PRESS. DROP FT. HD.	OPERATING OR STANDBY	MOTOR				MANUFACT.	MODEL	REMARKS
						HP	RPM	VOLTS	PHASE			
P-1	HEATING SYS.	BOILER ROOM	39.0	20.0	PRIMARY	1	1750	240	1	BELL & GOSSETT	60-2X2X5 1/4	
P-1A	HEATING SYS.	BOILER ROOM	39.0	20.0	STAND BY	1	1750	240	1	BELL & GOSSETT	60-2X2X5 1/4	
P-2	WATER HEATER	BOILER ROOM	5.0	14.0	-	1/4	1750	120	1	BELL & GOSSETT	60-1X1X5 1/4	

DUCT SILENCER SCHEDULE																						PLAN SYMBOL
REF. NO.	MANUFACTURER	MODEL NO.	SIZE IN H. x W.	LENGTH FT.	DYNAMIC INSERTION LOSS (MZ) OCTAVE BAND								SELF-POWER LEVEL (DB) OCTAVE BAND								STATIC PRESSURE DROP (INWG)	
					1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8		
					63	125	250	500	1K	2K	4K	8K	63	125	250	500	1K	2K	4K	8K		
DS-1	I-A-C	3S	12"x12"	3'-0"	7	13	17	30	36	33	26	13	54	51	50	51	54	56	52	40	0.10"	
DS-2	I-A-C	3S	12"x12"	3'-0"	7	12	16	28	35	35	28	17	55	49	49	47	46	49	42	32	0.10"	
DS-3	I-A-C	3S	12"x24"	3'-0"	7	13	17	30	36	33	26	13	54	51	50	51	54	56	52	40	0.05"	
DS-4	I-A-C	3S	24"x24"	3'-0"	7	12	16	28	35	35	28	17	55	49	49	47	46	49	42	32	0.15"	
DS-5	I-A-C	3S	24"x24"	3'-0"	7	13	17	30	36	33	26	13	54	51	50	51	54	56	52	40	0.15"	
DS-6	I-A-C	3S	24"x18"	3'-0"	7	12	16	28	35	35	28	17	55	49	49	47	46	49	42	32	0.15"	
DS-7	I-A-C	3S	24"x18"	3'-0"	7	13	17	30	36	33	26	13	54	51	50	51	54	56	52	40	0.15"	

DIFFUSER-GRILLE-REGISTER-LOUVER SCHEDULE										S = SUPPLY R = RETURN	FA = FRESH AIR INTAKE E = EXHAUST	PLAN SYMBOL
No.	MANUFACTURER	SERIES	MODEL	SIZE (W. X H.)	AIR PAT	DAMPER	FINISH	REMARKS				
E-1	METAL-AIRE	RH	RH	8x8	FIXED	-	W.E.					
E-2	METAL-AIRE	RH	RH	12x8	FIXED	-	W.E.					
S-1	METAL-AIRE	5000-1	5000-1	12X12	S2	-	W.E.					
S-2	METAL-AIRE	5000-1	5000-1	9X9	S1	-	W.E.					
S-3	METAL-AIRE	5000-1	5000-1	9X9	S4	-	W.E.					
S-4	METAL-AIRE	4000	V4004D	12X8	DBL. DEFL.	-	W.E.					
S-5	METAL-AIRE	4000	V4004D	12X12	DBL. DEFL.	-	W.E.					
S-6	METAL-AIRE	4000	V4004D	8X8	DBL. DEFL.	-	W.E.					
S-7	METAL-AIRE	2000	2100	2 1/2"x6"-0"	15° DEFL.	-	ALUM.					
R-1	METAL-AIRE	RH	RH	8x8	FIXED	-	W.E.					
R-2	METAL-AIRE	2000	-	18X8	FIXED	-	ALUM.					
R-3	METAL-AIRE	RH	RH	48X24	FIXED	-	W.E.					
FA-1	METAL-AIRE	4538	4538	36X12	38° DEFL.	-	FIELD PAINT	PROVIDE BIRDSCREEN, PRIME COAT				
FA-2	METAL-AIRE	4538	4538	36X12	38° DEFL.	-	FIELD PAINT	PROVIDE BIRDSCREEN, PRIME COAT				
FA-3	METAL-AIRE	4538	4538	14X14	38° DEFL.	-	FIELD PAINT	PROVIDE BIRDSCREEN, PRIME COAT				

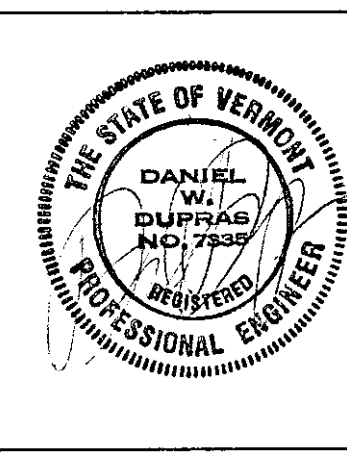
RADIATION SCHEDULE												PLAN SYMBOL
TYPE	MANUF.	ENCLOSURE	ENCLOSURE HEIGHT	ELEMENT	MOUNTING HEIGHT	TIER	BTU/FT.	LIN. FT.	TOT. M.B.H.	A.W.T (DEG. F)	FINISH	REMARKS
A	VULCAN	DS-12	12"	3/4"C-2 3/4X4 1/2-60	16"	1	1060	PER PLAN	PER PLAN	170	SELECTED BY ARCH.	

DUCT COIL SCHEDULE														PLAN SYMBOL
REF. NO.	MANUF./MODEL	CFM	SIZE IN.		AIR TEMP. °F		HEATING MBH	FACE VEL. FPM	GPM	AIR PRESS. DROP IN. WG.	WATER TEMP. °F		WATER PR. DROP FT. HD.	REMARKS
			H	W	ENT.	LVG.					ENT.	LVG.		
HC-1	TRANE ST-2ROW-PF110	540	12	12	40	100.7	33.2	540	3.0	0.17	180	157.9	2.58	
HC-2	TRANE ST-1ROW-PF150	540	12	12	40	84.3	25.9	540	2.5	0.13	180	159.3	0.98	
HC-3	TRANE ST-2ROW-PF110	540	12	12	40	100.7	33.2	540	3.0	0.17	180	157.9	2.58	
HC-4	TRANE ST-1ROW-SF80	275	12	12	40	70	12.0	275	1.0	0.04	180	156.1	0.23	

N·B·F
 Nimtze • Berryhill • Figiel
 ARCHITECTS P.C.
 24 1/2 Center Street
 Rutland, Vermont
 0 5 7 0 1

Steven J. Banik, P.E.
 STRUCTURAL ENGINEER
 Cuttingsville, Vermont
 0 5 7 3 8

LANE ASSOCIATES
 CONSULTING ENGINEERS, P.C.
 Rutland, Vermont
 0 5 7 0 1



DuBois & King
 • Engineering • Planning
 • Development • Management
 Rutland, Vermont
 0 5 7 0 1

Southbound I-91
Hartford
 Travel and Information Center
 Hartford, Vermont
 Job Name

HVAC
 SCHEDULES
 Sheet Title

10/31/00
 Date
 CLIENT REVIEW
 Issued For

Project: Hartford
 Project Number: 0029
M4
 10/31/00
 Date
 CLIENT REVIEW
 Issued For
 Sheet # 19 Of 28