

AIR HANDLING UNIT SCHEDULE

REF. NO.	MANUFACTURER/ MODEL	AREA SERVED	CFM	MAX. OUTLET VEL. FPM	RPM	FAN SECTION		MOTOR		AIR TEMP. °F		HEATING COIL		DX COIL		MIN. OUTDOOR AIR CFM	REMARKS										
						STATIC PRESS. IN. WS. TOT.	EXT.	HP	VOLTS	PHASE	HZ	ENT.	LVS	ENT.	LVS			ENT.	LVS	ENT.	LVS						
AAU-1	CARRIER / MAGIC AIR F53A-046	NORTH	1400	750	1090	122	0.75	3/4	115	1	60	415	70	341	400	160	160	25	11	70.4	63.7	47.0	54.6	56.2	54.3	390	NOTE 1, 2
AAU-2	CARRIER / MAGIC AIR F53A-036	SOUTH	1060	612	121	101	0.64	1/3	115	1	60	415	70	215	440	160	160	25	11	70.2	64.4	41.0	29.9	55.5	51.0	260	NOTE 2

AIR HANDLING UNIT SCHEDULE NOTES:
 1) AUAU SUPPLY FAN SHALL BE PROVIDED WITH OPTIONAL 5/4 HP AND DRIVE PACKAGE. THIS PACKAGE SHALL BE FACTORY INSTALLED AND TESTED.
 2) PROVIDE HIGH EFFICIENCY KINKING BOX WITH LOW LEAKAGE DAMPERS.
 3) UNITS SHALL BE PROVIDED AS DOUBLE WALL CONSTRUCTION OR WITH 1" THICK CLOSED CELL, NEOPRENE INSULATION.

AIR COOLED CONDENSING UNIT SCHEDULE

REF. NO.	MANUFACTURER/ MODEL	TYPICAL CAPACITY	ASBESTOS TEMP. °F	SUCTION TEMP. °F	REFRIG. TYPE	COMPRESSOR		CONDENSER FAN		ELECTRICAL		REMARKS				
						HP	VOLTS	HP	VOLTS	PHASE	HZ		PHASE	HZ		
CU-1	CARRIER B30A-042	410	45	45	R-22	1	220	1	60	1	60	1	11	1/5	230	
CU-2	CARRIER B30A-036	344	45	45	R-22	1	220	1	60	1	60	1	11	1/5	230	

AIR COOLED CONDENSING UNIT SCHEDULE NOTES:
 1) SEE SPECIFICATIONS FOR ALL REQUIRED ACCESSORIES.

UNIT CABINET AND TOESPAGE HEATER SCHEDULE

NO.	MANUFACTURER	MODEL	SIZE	BTUH	EXT. (FT)	GPM	CFM	MOTOR		REMARKS
								HP	VOLT	
UH-1	STERLING	NV-24	-	14412	1/0	1/0	400	1/5	115	COIL 1350
UH-2	STERLING	NV-24	-	14412	1/0	1/0	400	1/5	115	COIL 1350
CH-1	STERLING	O2	F-1020	11800	1/0	1/0	185	1/5	115	COIL 1350
TH-1	BEACON HEATERS	THIN FLOM	K42	4270	1/0	1/0	36	0.5 AMP	115	0/1

RADIATION SCHEDULE

TYPE	MANUF.	ENCLOSURE HEIGHT	ELEMENT	MOUNTING HEIGHT	TIER	BLUFT.	LIN. FT.	TOT. MBH	AMT	FINISH	REMARKS
A	VULCAN	1/0"	5/4" - 25 PINS / FT	4 1/2"	1	710	-	710	710	BAKED ENAMEL	
B	VULCAN	1/0"	5/4" - 25 PINS / FT	4 1/2"	1	550	-	550	710	BAKED ENAMEL	

RADIATION SCHEDULE NOTES:
 1) COMPONENT MOUNTING HEIGHT WITH VEM AND EXISTING ELECTRICAL RECEPTACLES

DIFFUSER-GRILLE-REGISTER SCHEDULE

NO.	MANUFACTURER	MODEL	MODEL SIZE	NECK SIZE	AIR PAT.	DAMPEN	FINISH	REMARKS
S1	HEITAL-NAE	5000-6	24"x24"	12"x12"	S4	-	WHITE ENAMEL	
S2	HEITAL-NAE	5000-6	24"x24"	9"x9"	S4	-	WHITE ENAMEL	
S3	HEITAL-NAE	5000-6	24"x24"	6"x6"	S4	-	WHITE ENAMEL	
R1	HEITAL-NAE	RM	24"x24"	18"x18"	RETURN	-	WHITE ENAMEL	
R2	HEITAL-NAE	RM	-	9"x9"	RETURN	-	WHITE ENAMEL	
R3	HEITAL-NAE	RM	24"x24"	12"x12"	RETURN	-	WHITE ENAMEL	

DIFFUSER-GRILLE-REGISTER SCHEDULE NOTES:
 S = SUPPLY F = FRESH AIR
 R = RETURN E = EXHAUST T = TRANSFER
 PLAN SYMBOL

RETURN & EXHAUST FAN SCHEDULE

NO.	MANUFACTURER	CFM	ESP.	MOTOR		REMARKS
				HP	VOLTS	
RF-1	GREENECK B50-140-4	1400	0.375	1/4	115	60
RF-2	GREENECK B50-130-4	1050	0.30	1/4	115	60
EF-1	BROAN S-40	50	0.10	0.5 AMP	115	60
EF-2	BROAN S-40	50	0.10	0.5 AMP	115	60
EF-3	BROAN S-40	50	0.10	0.5 AMP	115	60

RETURN & EXHAUST FAN SCHEDULE NOTES:
 PROVIDE MODEL 642 WALL CAP AND BDD 4"
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CIRCULATOR PUMP SCHEDULE

NO.	MANUFACTURER	SERIES	MIN. GPM	HEAD (FT. HD)	MOTOR			REMARKS
					HP	VOLT	RPM	
P-1	BELL & HOWSETT	SERIES 60 JAA	11.3	16	1/4	115	1750	BASEBOARD LOOP
P-2	BELL & HOWSETT	SERIES 60 JAA	7.5	17	1/4	115	1750	AU COILS
P-3	BELL & HOWSETT	LR-250	5	13	1/2	115	350	DOMESTIC WTR HTS

LOUVER SCHEDULE

NO.	MANUFACTURER	SERIES	MODEL	SIZE (MIN)	AIR PAT.	DAMPEN	FINISH	REMARKS
L1	RUSKIN	ELF	ELF 3750X	30"x36"	FIXED	-	BAKED ENAMEL	EXHAUST
L2	RUSKIN	ELF	ELF 3750X	30"x36"	FIXED	-	BAKED ENAMEL	INTAKE
L3	RUSKIN	ELF	ELF 3750X	18"x18"	FIXED	-	BAKED ENAMEL	COMBUSTION AIR

LOUVER SCHEDULE NOTES:
 1) COLOR OF LOUVERS TO BE SELECTED BY ARCHITECT.
 2) ALL LOUVERS TO BE BOX FRAME.

DUCT SILENCER SCHEDULE

NO.	MANUFACTURER	MODEL-SIZE	INSERTION LOSS (DIL) RATINGS OCTAVE BAND Hz - dB												SELF NOISE POWER LEVELS dB											
			63	125	250	500	1K	2K	4K	8K	63	125	250	500	1K	2K	4K	8K								
DS-1	IAC CO.	35 - 24"x12"	0.085	7	12	6	20	35	20	17	34	21	39	26	24	35	20	19								
DS-2	IAC CO.	35 - 24"x18"	0.085	7	13	7	30	36	26	19	37	21	37	26	35	21	17									
DS-3	IAC CO.	35 - 24"x12"	0.07	7	2	6	20	35	26	19	35	21	32	21	28	32	17									
DS-4	IAC CO.	35 - 24"x12"	0.07	7	3	17	30	36	26	19	37	21	37	21	36	21	17									

AS-BUILT

ERTEL ASSOCIATES ARCHITECTS
 16 CENTRAL STREET WOODSTOCK VERMONT 05091
LANE ASSOCIATES CONSULTING ENGINEERS
 61 KILLINGTON AVENUE RUTLAND, VERMONT 05701

DEPARTMENT OF MOTOR VEHICLES RUTLAND - RENOVATION & ADDITION
MECHANICAL SCHEDULES

SCALE: AS NOTED
 DATE: MAY 2000
 REVISIONS:

JOB # _____
 CADD # _____
 BY: _____
 TDL

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