

HEATING COIL SCHEDULE																			
TAG	SERVES	AIRFLOW (CFM)	AIR SIDE							HOT WATER SIDE					MANUFACTURER	MODEL	DUCT CONNECTION SIZE W x H (IN)	DRY WEIGHT (LBS)	NOTES
			TOTAL CAPACITY (MBH)	EAT DB/WB (DEG. F)	LAT DB (DEG. F)	FINS PER FOOT	ROWS	AIR VELOCITY (FPM)	PRESSURE DROP (IN. W.G.)	GPM	EWT/LWT (DEG. F.)	TUBE VELOCITY (FT/SEC)	PRESSURE DROP (FT. W.C.)	FLUID					
HC-1	ERV-1	550	27.0	49.5/39.4	95		1	539	0.19	2.8	150/130	2.95	3.6	WATER	AEROFIN	HWP-13.0 AF	14x10.5	21	1
HC-2	ERV-2	1075	57.0	46.3/37.2	95.4		1	538	0.21	5.8	150/130	3.11	4.1	WATER	AEROFIN	HW-12.0 OAS	24x12	37	1
HC-3	ERV-3	1440	75.8	46.4/37.3	95.1		1	532	0.21	7.8	150/130	2.75	3.4	WATER	JOHNSON CONTROLS	HW-12.0 OAS	26x16	46	1
HC-4	TEAMS SPACE RM D1	600	20.3	65	96.3		2	514	0.14	2.1	150/130	2.20	5.4	WATER	JOHNSON CONTROLS	HWP13.0 AF	16x10.5	21	1
HC-5	GUIDENCE OFFICES	150	5.0	65	95.7		1	240	0.03	0.5	150/130	0.50	0.1	WATER	JOHNSON CONTROLS	HWP-12.0 AS	10x9	13	1
NOTES:																			
1. COILS SHALL HAVE COPPER TUBES WITH ALUMINUM FINS, THREADED CARBON STEEL CONNECTIONS AND GALVANIZED CASINGS.																			

UNIT HEATER SCHEDULE																			
TAG	LOCATION	AIRFLOW (CFM)	FAN		HEATING		HOT WATER			ELECTRIC					MAX. HEIGHT AFF (FT)	THROW (FT)	MANUFACTURER	MODEL	NOTES
			SPEED	RPM	MBH	EAT (DEG. F)	GPM	EWT (DEG. F)	WPD (FT WG)	VOLTS	PH	HZ	WATTS	HP					
UH-1	FACILITIES...	395	HIGH		13	60	1.9	150	2.2	120	1	60	16	-	8	20	TRANE	UHS-18	1,2
UH-2	MECH G5	396	HIGH		13	60	1.9	150	2.2	120	1	60	16	-	8	20	TRANE	UHS-19	1,2
GENERAL NOTES:																			
1. SPEED CONTROLLER, MOUNTED ON HEATER AND WIRED TO MOTOR, FOR REDUCING AIRFLOW AND NOISE, INITIAL SETTING AT FULL SPEED.																			
2. MASON INDUSTRIES DOUBLE- DEFLECTION NEOPRENE HANGERS AT TOP OF RODS.																			



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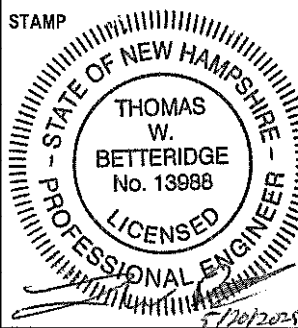
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KEY PLAN:
PROJECT TITLE / ADDRESS:
BARNSTEAD ELEMENTARY SCHOOL
ADDITION/ RENOVATION

91 MAPLE STREET
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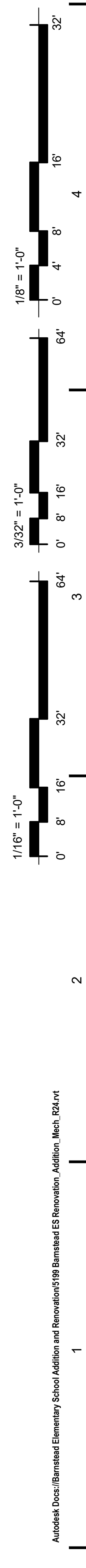
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RADIANT CEILING PANEL SCHEDULE										
TAG	CAPACITY	BALANCE	AVERAGE	ROOM	COIL	PANEL		MANUFACTURER	MODEL	NOTES
	(BTU)	FLOW	WATER TEMP	TEMP	TUBING	WIDTH	LENGTH			
	(GPM)	(DEG.F)	(DEG.F)	PASSES	(IN)	(IN)				
RCP-1	580	0.8	150	70	6	24	24	STERLING	MODULAR	1-6
RCP-2	580	0.8	150	70	6	24	24	STERLING	MODULAR	1-6
RCP-3	580	0.8	150	70	6	24	24	STERLING	MODULAR	1-6
RCP-4	580	0.8	150	70	6	24	24	STERLING	MODULAR	1-6
RCP-5	580	0.8	150	70	6	24	24	STERLING	MODULAR	1-6
RCP-6	580	0.8	150	70	6	24	24	STERLING	MODULAR	1-6
RCP-7	580	0.8	150	70	6	24	24	STERLING	MODULAR	1-6
RCP-8	580	0.8	150	70	6	24	24	STERLING	MODULAR	1-6
RCP-9	1160	1	150	70	60	24	48	STERLING	MODULAR	1-6
RCP-10	1160	1	150	70	60	24	48	STERLING	MODULAR	1-6
RCP-11	1160	1	150	70	60	24	48	STERLING	MODULAR	1-6
RCP-12	1160	1	150	70	60	24	48	STERLING	MODULAR	1-6
RCP-13	580	0.8	150	70	6	24	24	STERLING	MODULAR	1-6
RCP-14	1160	1	150	70	60	24	48	STERLING	MODULAR	1-6
RCP-15	580	0.8	150	70	6	24	24	STERLING	MODULAR	1-6
RCP-16	1160	1	150	70	60	24	48	STERLING	MODULAR	1-6
RCP-17	580	0.8	150	70	6	24	24	STERLING	MODULAR	1-6
RCP-18	1160	1	150	70	60	24	48	STERLING	MODULAR	1-6
RCP-19	580	0.8	150	70	6	24	24	STERLING	MODULAR	1-6
RCP-20	1160	1	150	70	60	24	48	STERLING	MODULAR	1-6
RCP-21	1160	1	150	70	60	24	48	STERLING	MODULAR	1-6
RCP-22	1160	1	150	70	60	24	48	STERLING	MODULAR	1-6
RCP-23	1160	1	150	70	60	24	48	STERLING	MODULAR	1-6
RCP-24	1160	1	150	70	60	24	48	STERLING	MODULAR	1-6
GENERAL NOTES: 1. BOTTOM PAN AND SIDES OF 18-GAUGE ALUMINUM SHEET, IN NOMINAL SIZES TO FIT T-STAT LAY-IN CEILING GRIDS. 2. STANDARD OFF WHAITE PAINT FINISH. WEAR CLEAN WHITE GLVOES WITH HANDLING THE PANELS. 3. COPPER TUBE HEATING COIL MECHANICALLY FASTENED TO SURFACE PANEL. 4. FULL LENGTH ALUMINUM HEAT TRANSFER SADDLES WITH CADMIUM PLATE STEEL COILS CLIPS AND HEAT TRANSFER PASTE. 5. COIL ENDS CURVED UPWARD TO RECEIVE FIELD ATTACHMENT. PROVIDE FLEXIBLE HOSE KIT. 6. FIELD FURNISH FOR FACED FIBERGLASS BLANKET INSULATION NOMINAL 1-1/2 INCHES AND INSTALL OVER THE TOP OF COIL.										



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