

TAG NO.	SERVICE	LOCATION	ROOF TOP UNIT																	REMARKS
			SUPPLY FAN					DX COOLING COIL					ELECTRICAL	GAS FIRED FURNACE				BASIS OF DESIGN		
			CFM	ESP (IN. W.G.)	TSP (IN. W.G.)	RPM	HP	TOTAL (MBH)	SENS. (MBH)	EAT (°F) DB/WB	LAT (°F) DB/WB	V/Hz		INPUT (MBH)	OUTPUT (MBH)	INLET PRESS. (IN. WG)	NO. SIZE (IN.) W.X.H.X.D.		MANUFACTURER	
RTU-1	1ST FLOOR	ROOF	1000	3000	1.0	-	1076	0.75	105	84	80/67	57/56	208/3/60	120(LOW)	97.2(LOW)	4.5 MIN. 14 MAX.	(4)20x25x2	TRANE	YHC102	BOTTOM DISCHARGE UNIT

TAG NO.	SERVICE	LOCATION	REFRIGERANT	TOTAL (MBH)	SENS. (MBH)	AIR COOLED CONDENSER							ELECTRICAL V/Hz	BASIS OF DESIGN		REMARKS
						COMPRESSORS			COND. FANS					MFG	MODEL	
						EAT (°F)	QTY.	R/LA.	TYPE	QTY.	FLA.					
CU-1	HP-1	ON ROOF	R-22	18	-	95	1	12	SCROLL	1	0.75	208/1/60	mitsubishi	PUH-18EK		
CU-2	SS-1	ON ROOF	R-22	9	-	95	1	6.5	SCROLL	1	0.6	115/1/60	SANYO	CL0971		

NOTE: PROVIDE MANUFACTURERS' SPECIFIED THERMOSTATIC EXPANSION VALVES W/REFRIGERANT PIPE KITS FROM MANUFACTURER. REFRIGERANT PIPING SHALL BE SIZED BY EQUIPMENT SUPPLIER BASED ON RUN & ELEVATION.

TAG NO.	FAN CFM	PRIMARY AIR VALVE		INLET SIZE (IN.)	MAX. RAD. NC @ 1" WG	FAN DATA						HOT WATER COIL DATA					BASIS OF DESIGN		REMARKS	
		MIN.	MAX.			HP	V/Hz	MBH	GPM	EWT (°F)	LWT (°F)	EAT (°F)	LAT (°F)	NO. OF ROWS	APD (IN. WG)	WPD (FT. HD)	MANUFACTURER	MODEL NO.		
		MAX. ESP (IN. W.G.)																		
FPB-1	430	110	430	8"	33	0.4	1/3	120/1/60	14.7	1.0	180	150	65.4	97	2	0.06	0.4	ENVIRO-TEC	CFR 0811	
FPB-2	1120	280	1120	10"	36	0.4	1/2	120/1/60	45.0	3.0	180	150	80.0	97	2	0.23	2.9	ENVIRO-TEC	CFR 1018	
FPB-3	200	50	200	6"	34	0.4	1/3	120/1/60	8.2	0.5	180	150	65.2	103	2	0.02	0.1	ENVIRO-TEC	CFR 0811	
FPB-4	290	80	290	6"	35	0.4	1/3	120/1/60	13.5	1.0	180	150	65.5	108	2	0.03	0.4	ENVIRO-TEC	CFR 0811	
FPB-5	200	50	200	6"	35	0.4	1/3	120/1/60	8.5	0.5	180	150	65.2	102	2	0.02	0.1	ENVIRO-TEC	CFR 0811	

TAG NO.	COOLING CFM		INLET SIZE (IN.)	MAX. RAD. NC @ 1" WG	HOT WATER COIL DATA									BASIS OF DESIGN		REMARKS			
	MIN.	MAX.			MBH	GPM	EWT (°F)	LWT (°F)	LAT (°F)	ROWS	APD (IN. WG)	WPD (FT. HD)	MANUFACTURER	MODEL NO.					
	MAX. ESP (IN. W.G.)																		
VAV-1	65	250	6	20												ENVIRO-TEC	SDR		
VAV-2	120	500	8	20													ENVIRO-TEC	SDR	

TAG NO.	SERVICE/LOCATION	INPUT (MBH)	MINIMUM EFF %	OUTPUT (MBH NET)	WATER DATA				BLOWER MOTOR HP	BASIS OF DESIGN			REMARKS	
					GPM	EWT (°F)	LWT (°F)	MIN. INLET PRESS. (W.C.)		INPUT CFH	V/Hz	MANUFACTURER		MODEL NO.
					MAX. ESP (IN. W.G.)									
B-1	HOT WATER SYSTEM /MER	140	86	129	10	180	150	14	140	-	120/1/60	MANCHKIN	140MR2	

TAG NO.	SERVICE/LOCATION	CFM RANGE	TYPE	BLOW	INLET SIZE (IN.)	OVERALL SIZE (IN.)	MATERIAL	MAX. P.D.	MAX. N.C.	BASIS OF DESIGN		REMARKS
										MANUFACTURER	MODEL NO.	
SD-1	SEE PLANS	0-175	CEILING SUPPLY DIFFUSER	SEE PLANS	6ø	24x24	STEEL	.131	25	TITUS	TDC	
SD-2	SEE PLANS	176-350	CEILING SUPPLY DIFFUSER	SEE PLANS	8ø	24x24	STEEL	.150	30	TITUS	TDC	
SD-3	SEE PLANS	351-550	CEILING SUPPLY DIFFUSER	SEE PLANS	12ø	24x24	STEEL	.115	28	TITUS	TDC	
SD-4	SEE PLANS	0-50	CEILING SUPPLY DIFFUSER	SEE PLANS	6ø	12x12	ALUM.	.131	25	TITUS	TDC	
BR-1	SEE PLANS	0-1000	CEILING RETURN REGISTER	SEE PLANS	16x16	24x24	ALUM.	0.06	20	TITUS	50F	
BR-2	SEE PLANS	201-275	CEILING RETURN REGISTER	SEE PLANS	10x10	12x12	ALUM.	0.04	25	TITUS	350FL	
ER-1	SEE PLANS	0-185	EXHAUST REGISTER	SEE PLANS	8x6	10x8	ALUM.	0.03	25	TITUS	350FL	PROVIDE OPPOSED BLADE DAMPER
ER-2	SEE PLANS	186-220	EXHAUST REGISTER	SEE PLANS	8x8	10x10	ALUM.	0.06	24	TITUS	350FL	PROVIDE OPPOSED BLADE DAMPER

TAG NO.	SERVICE	BTU/LF	EWT, °F	LWT, °F	FLUID	HEATING ELEMENT				ENCLOSURE		BASIS OF DESIGN		REMARKS	
						TUBE	TUBE SIZE	FIN SIZE, NUMBER OF FINS	ROWS	HEIGHT, IN	DEPTH, IN	MANUFACTURER	MODEL NO.		
FTR-1	TOILET	760	180	150	HW	COPPER	3/4"	3-1/4" SQ., 40/1"	1	9-1/8	7	9-1/8"	STERLING	VERSA-LINE C	PROVIDE WALL MOUNTING BRACKETS.

TAG NO.	LOCATION	DUCTLESS SPLIT SYSTEM AC UNIT SCHEDULE																	REMARKS
		AIR SIDE			COOLING CAPACITY			ELECTRICAL				BASIS OF DESIGN							
		TOTAL	ESP (IN. W.G.)	MBH	EAT (°F) DB/WB	LAT (°F) DB/WB	V/Hz	F.L.A.	MANUFACTURER	MODEL NO.									
SS-1	TEL/DATA ROOM	250	0.3	9	75/65	57/57	120/1/60	0.7	SANYO	KS0971									

TAG NO.	SERVICE/LOCATION	CAPACITY (MBH)	CFM	ROWS	WATER DATA (30% PROP. GLYCOL)				ELECTRICAL		BASIS OF DESIGN			REMARKS
					EWT (°F)	LWT (°F)	GPM	WPD (FT. HD)	HP	V/Hz	MANUFACTURER	MODEL NO.	SIZE	
					NO. OF ROWS	APD (IN. WG)	WPD (FT. HD)							
CUH-1	SEE PLANS	16.4	200	1	180	150	1.64	0.06	1/15	120/1/60	STERLING	RC	02	
UH-1	SEE PLANS	6.8	210	1	180	150	0.8	0.8	9 WATT	120/1/60	STERLING	HS-108A	-	

TAG NO.	SERVICE/LOCATION	CFM	ESP (IN. W.G.)	FAN RPM	ELECTRICAL				TYPE	DRIVE	ROOF OPENING	BASIS OF DESIGN		REMARKS
					BHP	HP	V/Hz	MANUFACTURER				MODEL NO.		
EF-1	GENERAL EXHAUST/ROOF	505	0.375	1550	0.1	1/15	115/1/60	CENT. INLINE	DIRECT	12.5x12.5	GREENHECK	G-090-D		
EF-2	WORK ROOM 107	250	0.375	1550	0.05	1/12	115/1/60	CENT. INLINE	DIRECT	N/A	GREENHECK	SQ-80-D		
SF-1	ATM SER. 119	250	0.375	1550	0.05	1/12	115/1/60	CENT. INLINE	DIRECT	N/A	GREENHECK	SQ-80-D		

W/WARSPEED CONTROLLER, UNIT MOUNTED.

TAG NO.	LOCATION	AIR SIDE		COOLING CAPACITY			HEATING CAPACITY		ELECTRICAL		BASIS OF DESIGN			REMARKS
		TOTAL	ESP (IN. W.G.)	MBH	EAT (°F) DB/WB	LAT (°F) DB/WB	MBH	EAT (°F)	V/Hz	F.L.A.	MANUFACTURER	MODEL NO.		
HP-1	ATM VESTIBULE	710	0.3	18	75/65	57/57	17.5	65	208/1/60	0.7	MITSUBISHI	PLH-18AK		

PROVIDE AUXILIARY ELECTRIC HEATER.

PROVIDE LITTLE GIANT CONDENSATE PUMP MODEL VCL-14ULS, 120/1/60.

TAG NO.	SERVICE	FLUID TEMP. (°F)	GPM	HEAD (FT.)	MIN. EFF.	ELECTRICAL				BASIS OF DESIGN			REMARKS
						PUMP RPM	BHP (MAX)	HP	V/Hz	MANUFACTURER	MODEL NO.		
P-1	HOT WATER SYSTEM	180	10	17	-	3300	-	1/8	115/1/60	BELL & GOSSETT	PL-45	STAND BY	
P-2	HOT WATER SYSTEM	180	10	17	-	3300	-	1/8	115/1/60	BELL & GOSSETT	PL-45	STAND BY	

TAG NO.	SERVICE/LOCATION	TANK VOL. (GAL.)	ACCEPTANCE VOL. (GAL.)	SIZE DIA. x LTH	BASIS OF DESIGN		REMARKS
					MANUFACTURER	MODEL NO.	
ET-1	HOT WATER SYSTEM/MECHANICAL ROOM	4.4	2.5	11"x15.5"	BELL & GOSSETT	HFT-30	

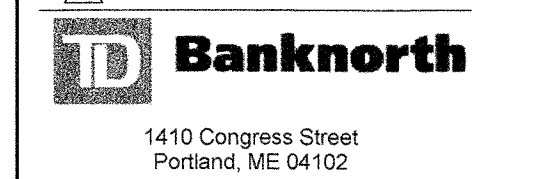
UNIT MARK	SERVICE/LOCATION	GPM	P.D. FT. W.C.	CONN. SIZE (IN.)	BASIS OF DESIGN		REMARKS
					MANUFACTURER	MODEL NO.	
AS-1	HOT WATER SYSTEM/MECHANICAL ROOM	10	-	1 1/4"	BELL & GOSSETT	IAS-1-1/4	



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OWNER REVIEW
NAME _____ Date _____

5/30/08 ISSUE FOR BID
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SCHEDULES

SCALE _____ NTS
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PROJ. ARCH. ENGR. _____ JR/YL
PROJ. MGR. _____ PJB
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