GAS FURNACE UNIT PERFORMANCE SCHEDULE

* - AT A.R.I. STANDARD CONDITIONS AND 95°F. OUTSIDE AMBIENT

TAG	NOMINAL COOLING (TONS)	MINIMUM O.A. (CFM)	MAXIMUM O.A. (CFM)	FAN	DRIVE	AIRFLOW (CFM)	GAS HEAT (Mbh in)	E.S.P. (IN. w.g.)	RPM	WT. (LBS)	ELECTRICAL REQUIREMENTS					TAG HTG COIL	TAG CLG COIL	TAG HEAT RECOV.	* EER (BTUH/WATT)	BASIS OF DESIGN "COMFORT PACK"		DISCHARGE SOUND POWER (dB RE 10^{-12} WATTS) OCTAVE BAND & CENTER FREQUENCY (HZ)							
											FAN HP	BHP	MCA	MOCP	V/PH/HZ					SERVICE	MODEL	1	2	3	4	5	6	7	8
																						63	125	250	500	1000	2000	4000	8000
HVAC-1	1.5	-	-	SUPPLY	DIRECT	600	51.0	0.3	varies	325	1/4	-	13.0	20.0	230/1/60	-	CC-1	N/A	9 EER	1 BR UNITS	CPG41051-C	-	-	-	-	-	-	-	-
				EXHAUST	-	-	-	-	-	-	-	-																	
HVAC-2	2.5	-	-	SUPPLY	DIRECT	750	51.0	0.5	varies	360	1/3	-	24.0	30.0	230/1/60	-	CC-2	N/A	9 EER	2 & 3 BR UNITS	CPG43051-C	-	-	-	-	-	-	-	-
				EXHAUST	-	-	-	-	-	-	-	-																	

DX COOLING COIL PERFORMANCE SCHEDULE

BASIS OF DESIGN "COMFORT-PACK"

TAG	TOTAL COOLING (MBH)	SENS. COOLING (MBH)	S.S.T. (DEG.F)	TYPE OF REFRIGERANT	AIRFLOW (CFM)	A.P.D (IN. W.G.)	ROWS / FPF	E.A.T. D.B.(°F.)	E.A.T. W.B.(°F.)	L.A.T. D.B.(°F.)	SERVICE
CC1	18.0	-	45	R-410A	600	-	-	80	67	-	HVAC-1
CC2	27.5	-	45	R-410A	1000	-	-	80	67	-	HVAC-2
-	-	-	-	-	-	-	-	-	-	-	-

Notes

1. Cooling performance based on 95°F. outside ambient.

MAKE-UP AIR HANDLER PERFORMANCE SCHEDULE

BASIS OF DESIGN MODINE

TAG	AIRFLOW (CFM)	MIN.O.A. (CFM)	FAN	T.S.P. (IN.W.G.)	E.S.P. (IN.W.G.)	FUEL	HEATING OUTPUT (MBH)	RPM	ELECTRICAL REQUIREMENTS						WEIGHT (POUNDS)	SERVICE	MODEL	SOUND POWER (dB RE 10^{-12} WATTS) OCTAVE BAND & CENTER FREQUENCY (HZ)									
									HP	BHP	MCA	LRA	MOCP	VOLTAGE				1	2	3	4	5	6	7	8	LwA	dBA
																		63	125	250	500	1000	2000	4000	8000	-	-
MUA-1	3,100	-	SUPPLY	0.90	0.7	N.G.	240.0	604	1½	-	5.3	-	15	208/3/60	2024	BLDG. 2	HDG300AMRHN20D2	-	-	-	-	-	-	-	-	-	-
MUA-2	2,400	-	SUPPLY	0.89	0.7	N.G.	200.0	999	1.0	-	3.6	-	15	208/3/60	1555	BLDG. 1	HDG250AMRHN20D2	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Revisions
11/20/2012–UNDERSLAB PIPING FOR CONSTRUCTION.
12/14/2012– FOR PERMIT.
1 1/4/2013– PLUMBING REVISIONS.
2 2/6/2013– 100% For Review and Comment

Bay House

Portland, ME

BENNETT ENGINEERING
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Job No.: 3346
Date: 12/14/12
Scale: 1/8" = 1'-0" or A.N.
Drawn by: SP Doel
Checked by: SP Doel

Drawing Title:
Mechanical Schedules & Legend

MP.3