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HOT WATER CABINET UNIT HEATER SCHEDULE																						
MARK	LOCATION	MANUF. MODEL	TYPE UNIT	AIR FLOW		HIGH SPEED		MIN CAPACITY		TEMPERATURES				FLOW		WPD		MOTOR				REMARKS
				CFM	[L/s]	BTUH	[W]	EAT		EWT		GPM	[L/s]	FT	[Pa]	POWER		VOLT	RPM			
								*F	[*C]	*F	[*C]					HP	[W]			PHASE		
CUH-E1	VESTIBULE 104	STERLING RW-1120-02	CABINET	230	[110]	14000	[4100]	60	[16]	180	[82]	1.4	0.09	0.15	[4]	WALL SEMI RECESSED	0.067	[50]	1	115	1050875	NOTE 1, 2
CUH-E2	VESTIBULE 145	STERLING RW-1120-02	CABINET	230	[110]	14000	[4100]	70	[21]	120	[49]	1.4	0.09	0.15	[4]	WALL SEMI RECESSED	0.067	[50]	1	115	1050875	NOTE 1, 2
CUH-3	VESTIBULE 112A	STERLING RW-1120-02	CABINET	230	[110]	14000	[4100]	70	[21]	120	[49]	1.4	0.09	0.15	[4]	WALL SEMI RECESSED	0.067	[50]	1	115	1050875	NOTE 1
					[ ]		[ ]					0.00			[ ]							
					[ ]		[ ]					0.00			[ ]							

NOTES:  
1. RECESSED WALL MOUNTED, FLAT TOP, FRONT LOUVERED INLET GRILLE, FRONT RETURN AIR TEMPERATURE CONTROL, AQUASTAT CONTROL, 16 GAUGE INSULATED FRONT PANEL, 18 GAUGE SIDE PANELS, WALL SEAL KIT WITH GASKET, PERMANENT FILTER, SOLID STATE SPEED CONTROL, STANDARD ONE ROW COIL, 20°F WATER TEMPERATURE DROP. 2. EXISTING STERLING CABINET UNIT HEATER, INSPECT, CLEAN, TEST AND COMMISSION FOR REUSE. REPAINT ENCLOSURE WITH EGGSHELL POWDER COAT TO MATCH NEW UNIT, FINAL COLOR SELECTION BY ARCHITECT.

DUCTLESS AIR COOLED SPLIT AIR CONDITIONING UNIT SCHEDULE																												
INDOOR UNIT TAG	OUTDOOR UNIT TAG	ROOM SERVED	INDOOR DX FAN COIL					INDOOR DX FAN COIL - COOLING BTUHR					INDOOR DX FAN COIL - HTG. MBTU			INDOOR DX FAN COIL - ELECTRICAL			OUTDOOR CONDENSING UNIT			OUTDOOR CONDENSING UNIT - ELECTRICAL			REFRIGERANT PIPE	MITSUBISHI MODEL (INDOOR)	MITSUBISHI ELECTRIC MODEL (OUTDOOR)	NOTES
			TYPE	FUNCTION	CFM LO-MED-HI	SIZE/WEIGHT	SENSIBLE	LATENT	TOTAL	INDOOR *F	OUTDOOR *F	TOTAL	INDOOR *F	OUTDOOR *F	VOLTAGE	MIN. AMPACITY	MOCP	SIZE/WEIGHT	COMPRESSOR(S)	FAN(S)	VOLTAGE	MIN. AMPACITY	MOCP					
AC-1	CU-1	IT RM 222A	WALL MOUNTED	COOLING ONLY	320-370-425	36"Wx10"Dx12"Hx29 LBS	12,240	5,760	18,000	80/67	95	NA	NA	NA	208V/1P	1 AMPS	NA	32"Wx13"Dx24"Hx89 LBS	1	1	208V/1P	13 AMPS	20 AMPS	1/4"L, 1/2"S	PKA-A18H44	PUY-A18NH44-BS	1, 2, 3, 4, 5, 6, 7, 8, 9	
AC-2	CU-2	ELECT RM E225	WALL MOUNTED	COOLING ONLY	320-370-425	36"Wx10"Dx12"Hx29 LBS	12,240	5,760	18,000	80/67	95	NA	NA	NA	208V/1P	1 AMPS	NA	32"Wx13"Dx24"Hx89 LBS	1	1	208V/1P	13 AMPS	20 AMPS	1/4"L, 1/2"S	PKA-A18H44	PUY-A18NH44-BS	1, 2, 3, 4, 5, 6, 7, 8, 9	
AC-3	CU-3	ELECT RM 125	WALL MOUNTED	COOLING ONLY	320-370-425	47"Wx12"Dx15"Hx46 LBS	18,480	5,520	24,000	80/67	95	NA	NA	NA	208V/1P	1 AMPS	NA	38"Wx13"Dx38"Hx163 LBS	1	1	208V/1P	18 AMPS	30 AMPS	3/8"L, 5/8"S	PKA-A24H44	PUY-A24NH44-BS	1, 2, 3, 4, 5, 6, 7, 8, 9	

NOTES:  
1. COOLING ONLY. 2. DC INVERTER DRIVEN TWIN ROTARY COMPRESSOR. 3. MOUNT TOP OF UNIT 3" BELOW SUSPENDED CEILING. 4. WIRED REMOTE CONTROLLER PAR-21MA4J. 5. OUTDOOR UNIT MOUNTING BASE DSD-400N. 6. WIND BAFFLE (WB-PA1). 7. MINI CONDENSATE PUMP S13100-230. 8. SEACOAST PROTECTION PACKAGE. 9. ULTRA LOW AMBIENT COOLING KIT (40 DEG F).

VARIABLE AIR VOLUME BOX SCHEDULE (HVAC-E2)												
TAG	LOCATION SERVED	SYSTEM	CFM (MAX)	CFM (MIN)	EAT F	LAT F	MBH	GPM	ROWS	RUNOUT PIPE	COMMENTS	
VVR-1.2.1	LASER EXAM 120	HVAC-E2	200	90	55	80	2.4	0.2	AS REQ'D	3/4"	1ST, INTERIOR	
VVR-1.2.2	OFFICE 151, CONSULT 121	HVAC-E2	320	120	55	80	3.2	0.3	AS REQ'D	3/4"	1ST, INTERIOR	
VVR-1.2.3	WAITING 101	HVAC-E2	1,780	680	55	95	29.4	3.0	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.2.4	RECP T 106, CORR 100, 146	HVAC-E2	750	460	55	80	12.4	1.3	AS REQ'D	3/4"	1ST, INTERIOR	
VVR-1.2.5	NOT USED		0	0	55	95	0.0	0.0	AS REQ'D	3/4"	NOT USED	
VVR-1.2.6	STAFF BREAK/CONF-147	HVAC-E2	950	330	55	90	12.5	1.3	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.2.7	LOBBY 144	HVAC-E2	580	340	55	90	12.9	1.3	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.2.8	W LOCKER 138, 135, 140, 187	HVAC-E2	390	390	55	80	10.5	1.1	AS REQ'D	3/4"	1ST, INTERIOR	
VVR-1.2.9	M LOCKER/TOILET 139	HVAC-E2	230	230	55	90	8.7	0.9	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.2.10	PGC STORAGE 143	HVAC-E2	275	160	55	90	6.0	0.6	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.2.11	MEC STORAGE 142	HVAC-E2	380	250	55	90	9.5	1.0	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.2.12	RECEIV 140, SOILED 141	HVAC-E2	700	450	55	90	17.0	1.7	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.2.13	VACUUM PUMP RM 122A	HVAC-E2	700	700	55	80	18.9	1.9	AS REQ'D	3/4"	1ST, INTERIOR	
VVR-2.2.1	STAFF LOUNGE 243	HVAC-E2	520	275	55	90	10.4	1.1	AS REQ'D	3/4"	2ND, EXTERIOR	
VVR-2.2.2	OFFICES 248, 249, 250	HVAC-E2	525	280	55	90	10.6	1.1	AS REQ'D	3/4"	2ND, EXTERIOR	
VVR-2.2.3	EXAM 213, 214	HVAC-E2	340	280	55	80	7.6	0.8	AS REQ'D	3/4"	2ND, INTERIOR	
VVR-2.2.4	TECHS 215, 212, 220	HVAC-E2	695	450	55	80	12.2	1.2	AS REQ'D	3/4"	2ND, INTERIOR	
VVR-2.2.5	RMS 216, 217, 218, 219	HVAC-E2	655	310	55	80	8.4	0.9	AS REQ'D	3/4"	2ND, INTERIOR	
VVR-2.2.6A	208, 209, 210, 211, 251	HVAC-E2	1,105	600	55	90	22.7	2.3	AS REQ'D	3/4"	2ND, EXTERIOR	
VVR-2.2.6B	EXAM 207	HVAC-E2	120	120	55	80	3.2	0.3	AS REQ'D	3/4"	2ND, INTERIOR	
VVR-2.2.7	RECP, 201, 201A, 208, 290	HVAC-E2	940	570	55	80	15.4	1.6	AS REQ'D	3/4"	2ND, INTERIOR	
VVR-2.2.8	RETINA WEST WAIT 206	HVAC-E2	760	600	55	80	16.2	1.7	AS REQ'D	3/4"	2ND, INTERIOR	
VVR-2.2.9	CATARACT WAITING 205	HVAC-E2	900	465	55	90	17.6	1.8	AS REQ'D	3/4"	2ND, EXTERIOR	
VVR-2.2.10	ICL-278, Check Out 204	HVAC-E2	425	165	55	80	4.5	0.5	AS REQ'D	3/4"	2ND, INTERIOR	
VVR-2.2.11	EXAM 272 THRU 277	HVAC-E2	720	600	55	80	16.2	1.7	AS REQ'D	3/4"	2ND, INTERIOR	
VVR-2.2.12	TECHS 271, 270, 279, 280	HVAC-E2	1,400	700	55	90	26.5	2.7	AS REQ'D	3/4"	2ND, EXTERIOR	
VVR-2.2.13	STAFF LOUNGE 266	HVAC-E2	470	200	55	90	7.6	0.8	AS REQ'D	3/4"	2ND, EXTERIOR	
VVR-2.2.14	OFFICE 265	HVAC-E2	200	100	55	90	3.8	0.4	AS REQ'D	3/4"	2ND, EXTERIOR	
VVR-2.2.15	RETINA EAST WAIT 260	HVAC-E2	810	360	55	90	13.6	1.4	AS REQ'D	3/4"	2ND, EXTERIOR	
VVR-2.2.16	EXAM 227 THRU 230, 201	HVAC-E2	1,290	660	55	90	24.9	2.5	AS REQ'D	3/4"	2ND, EXTERIOR	
VVR-2.2.17	RETINA EAST WAIT 260	HVAC-E2	440	370	55	80	10.0	1.0	AS REQ'D	3/4"	2ND, INTERIOR	
VVR-2.2.18	RMS 223, 224, 225, 226	HVAC-E2	590	310	55	80	8.4	0.9	AS REQ'D	3/4"	2ND, INTERIOR	
VVR-2.2.19	CHECK OUT 222	HVAC-E2	260	150	55	80	4.1	0.4	AS REQ'D	3/4"	2ND, INTERIOR	
VVR-2.2.20	TECHS 235, 232, 236	HVAC-E2	695	450	55	80	12.2	1.2	AS REQ'D	3/4"	2ND, INTERIOR	
VVR-2.2.21	EXAM 233, 234, 237	HVAC-E2	340	280	55	80	7.6	0.8	AS REQ'D	3/4"	2ND, INTERIOR	
VVR-2.2.22	OFFICES 239 THRU 242	HVAC-E2	755	375	55	90	14.2	1.4	AS REQ'D	3/4"	2ND, EXTERIOR	

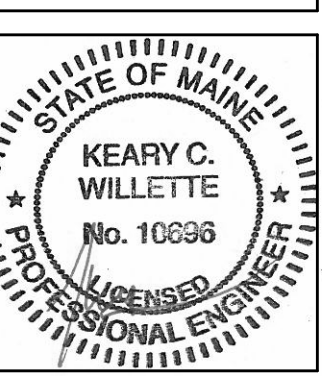
NOTES:  
1. MAXIMUM WATER PRESSURE DROP THROUGH REHEAT COIL IS 7 FT.  
2. ENTERING WATER TEMPERATURE IS 180 DEG F. LEAVING WATER TEMPERATURE IS 160 DEG F.  
3. WATER CONTAINS 0% GLYCOL.  
4. MAXIMUM AIR PRESSURE DROP IS 0.25" WG.  
5. MAXIMUM SOUND LEVEL OF NC-25 RADIATED AND DISCHARGE.  
6. BASIS OF DESIGN IS TRANE.

VARIABLE AIR VOLUME BOX SCHEDULE (HVAC-4)												
TAG	LOCATION SERVED	SYSTEM	CFM (MAX)	CFM (MIN)	EAT F	LAT F	MBH	GPM	ROWS	RUNOUT PIPE	COMMENTS	
VVR-1.4.1	LASIK PROCEDURE 148	HVAC-4	1,100	330	50	90	14.3	1.5	AS REQ'D	3/4"	1ST, EXTERIOR NOTE 7	
VVR-1.4.2	LASIK PROCESSING	HVAC-4	240	240	50	80	7.8	0.8	AS REQ'D	3/4"	1ST, INTERIOR	
VVR-1.4.3	PRE-OP 108.5/6, COR 108	HVAC-4	820	410	50	80	13.3	1.4	AS REQ'D	3/4"	1ST, INTER, NOTE 7	
VVR-1.4.4	NURSING STATION 109	HVAC-4	450	200	50	80	6.5	0.7	AS REQ'D	3/4"	1ST, INTERIOR	
VVR-1.4.5	PRE-OP 108.1/2/3/4	HVAC-4	780	500	50	90	21.6	2.2	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.4.6	POST OP 110.4/5/6	HVAC-4	770	440	50	95	21.4	2.2	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.4.7	POST OP 110.1/2/3	HVAC-4	510	300	50	90	13.0	1.3	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.4.8	ANESTH WORK 123	HVAC-4	330	330	50	90	14.3	1.5	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.4.9	DICTATION 122	HVAC-4	400	400	50	95	19.4	2.0	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.4.10	SOILED UTILITY 131	HVAC-4	130	130	50	90	5.6	0.6	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.4.11	INSTR PROCC 129	HVAC-4	1,350	1,350	50	80	43.7	4.5	AS REQ'D	1"	1ST, EXTERIOR	
VVR-1.4.12	CLEAN SUPPLY 128	HVAC-4	460	460	50	85	17.4	1.8	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.4.13	OFFICE 115	HVAC-4	220	160	50	90	6.9	0.7	AS REQ'D	3/4"	1ST, EXTERIOR	
VVR-1.4.14	STAFF CORRIDOR 153	HVAC-4	480	480	50	80	15.6	1.6	AS REQ'D	3/4"	1ST, INTERIOR	
VVR-1.4.15	SEMI-RESTRICTED 130	HVAC-4	620	620	50	80	20.1	2.0	AS REQ'D	3/4"	1ST, INTERIOR	
VVR-1.4.OR1	OPERATING RM 1	HVAC-4	1,400	700	50	80	22.7	2.3	AS REQ'D	3/4"	1ST, EXTER NOTE 7	
VVR-1.4.OR2	OPERATING RM 2	HVAC-4	1,400	700	50	80	22.7	2.3	AS REQ'D	3/4"	1ST, EXTER NOTE 7	
VVR-1.4.OR3	OPERATING RM 3	HVAC-4	1,700	850	50	80	27.5	2.8	AS REQ'D	3/4"	1ST, INTER, NOTE 7	
VVR-1.4.OR4	OPERATING RM 4	HVAC-4	1,200	600	50	80	19.4	2.0	AS REQ'D	3/4"	1ST, INTER, NOTE 7	
VV-1.4.OR1	OPERATING RM 1	HVAC-4	1,190	490	NA	NA	NA	NA	NA	NA	1ST, EXTER NOTE 8	
VV-1.4.OR2	OPERATING RM 2	HVAC-4	1,190	490	NA	NA	NA	NA	NA	NA	1ST, EXTER NOTE 8	
VV-1.4.OR3	OPERATING RM 3	HVAC-4	1,445	545	NA	NA	NA	NA	NA	NA	1ST, EXTER NOTE 8	
VV-1.4.OR4	OPERATING RM 4	HVAC-4	1,020	420	NA	NA	NA	NA	NA	NA	1ST, EXTER NOTE 8	

NOTES:  
1. MAXIMUM WATER PRESSURE DROP THROUGH REHEAT COIL IS 7 FT.  
2. ENTERING WATER TEMPERATURE IS 180 DEG F. LEAVING WATER TEMPERATURE IS 160 DEG F.  
3. WATER CONTAINS 0% GLYCOL.  
4. MAXIMUM AIR PRESSURE DROP IS 0.25" WG.  
5. MAXIMUM SOUND LEVEL OF NC-25 RADIATED AND DISCHARGE.  
6. BASIS OF DESIGN IS TRANE.  
7. CONSTANT MAX SUPPLY CFM DURING ROOM OCCUPIED SCHEDULE. CONSTANT MINIMUM SUPPLY CFM DURING ROOM UNOCCUPIED SCHEDULE.  
8. CONSTANT MAX RETURN CFM DURING ROOM OCCUPIED SCHEDULE. CONSTANT MINIMUM RETURN CFM DURING ROOM UNOCCUPIED SCHEDULE.

MAINE EYE - RETINA & SURGERY CENTER  
161 Marginal Way - Portland, Maine 04101

No.	Date	Description
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JOB NO.  
195210863

DRWN: CHK:  
ERD KCW

SCALE:

ISSUE:  
PERMIT SET - 95%  
CONSTRUCTION  
DOCUMENTS  
04.12.16

TITLE:  
HVAC SCHEDULES

SHEET  
M602



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