NOTES:

1. SEE G1001 FOR PROJECT GENERAL NOTES
2. SEE SHEET M-001 FOR LEGEND AND ABBREVIATIONS.

MODULAR ROOFTOP AIR HANDLING UNIT SCHEDULE

TAG	LOCATION/ SERVES	SUPPLY FAN SECTION											RETURN FAN SECTION									PREHEAT COIL TAG	COOLING COIL TAG	HEAT RECOVERY COIL TAG	FILTERS (MERV)	WEIGHT W/O CURB (LBS.)	NOTES
		WHEEL		TOTAL CFM	MINIMUM OA CFM	RPM	TSP (IN. W.C.)	ESP (IN. W.C.)	QTY	MOTOR			WHEEL		TOTAL CFM	RPM	ESP (IN. W.C.)	QTY	MOTOR								
		TYPE	SIZE							HP	VOLTS	PH	TYPE	SIZE					HP	VOLTS	PH						
AHU-1	ROOF/ WEST SIDE	AF	32	25,000	3,300	1,140	4.50	2.5	1	30	460	3	AF	32	20,000	842	1.5	1	15	460	3	PHC-1	CC-1	NA	8	19,250	(1) (2)
AHU-2	ROOF/ EAST SIDE	AF	32	20,000	2,700	1,034	4.50	2.9	1	25	460	3	AF	28	16,000	876	1.5	1	7.5	460	3	PHC-2	CC-2	NA	8	16,550	(1) (2)

NOTES: (1) BASIS OF DESIGN: TRANE T-SERIES (2) PROVIDE SINGLE POINT POWER CONNECTION

AHU COIL SCHEDULE

TAG	SERVICE	CFM	COIL PERFORMANCE (TOTAL)										COIL DIMENSIONS (EACH)					NOTES
			TMBH	SMBH	% PROP GLYCOL	EDB °F	EWB °F	LDB °F	LWB °F	EWT °F	LWT °F	GPM	APD IN WC	WPD FT WC	FACE VEL (FPM)	FACE AREA SQ. FT.	ROWS	QTY	L x W	
PHC-1	AHU-1 PREHEAT COIL	25,000	--	677.8	0	40	--	65	--	140	110	46	0.08	1.7	460	54.5	1	2	109" x 36"	(1)
PHC-2	AHU-2 PREHEAT COIL	20,000	--	542.25	0	40	--	65	--	140	110	37	0.06	2	419	47.7	1	2		(1)
CC-1	AHU-1 CHILLED WATER COIL	25,000	818.28	786.69	35	80.7	63.0	52	51.5	44	56	150	0.65	6	440	56.8	8	2	110" x 37"	(1)
CC-2	AHU-2 CHILLED WATER COIL	20,000	647.44	629.35	35	80.7	63.0	52	51.5	44	56	120	0.61	15	419	47.69	4	2		(1)

NOTES: (1) COIL SHALL HAVE EPOXY COATING FOR CORROSION PROTECTION

CABINET UNIT HEATER / UNIT HEATER SCHEDULE

TAG	LOCATION	TYPE	CFM	HP	MBH (4)	GPM	△P (FT)	ROWS	EAT/LAT (°F)	WATER △T	VOLT/Ø	MCA	TRANE MODEL NO.	NOTES:
CUH-1	ELEVATOR LOBBY 1004	VERTICAL CABINET	180	37 WATTS	11.6	0.8	3.2	2	60/120	30	115/1	0.75	FFB-020	(3)
CUH-2	STAIR A	VERTICAL CABINET	180	37 WATTS	11.6	0.8	3.2	2	60/120	30	115/1	0.75	FFB-020	(3)
CUH-3	STAIR B	VERTICAL CABINET	180	37 WATTS	11.6	0.8	3.2	2	60/120	30	115/1	0.75	FFB-020	(3)
CUH-4	ELEVATOR LOBBY 2004	VERTICAL CABINET	180	37 WATTS	11.6	0.8	3.2	2	60/120	30	115/1	0.75	FFB-020	(3)
CUH-5	VESTIBULE 3294	VERTICAL CABINET	180	37 WATTS	11.6	0.8	3.2	2	60/120	30	115/1	0.75	FFB-020	(3)
CUH-6	VESTIBULE 3001	HORIZONTAL RECESSED	310	170 WATTS	23.5	1.6	3.7	3	60/130	30	115/1	2.7	FFB-040	(1) (5)
UH-1	WATER ENTRY 1005	HORIZONTAL PROPELLER	550	25 WATTS	16.8	1.6	0.04	-	60/103	30	115/1	1.5	UHS-36	(2)
UH-2	STORAGE 2005	HORIZONTAL PROPELLER	550	25 WATTS	16.8	1.6	0.04	-	60/103	30	115/1	1.5	UHS-36	(2)
UH-3	PENTHOUSE	HORIZONTAL PROPELLER	550	25 WATTS	16.8	1.6	0.04	-	60/103	30	115/1	1.5	UHS-36	(2)
EUH-1	ELEVATOR MACHINE 1002	VERTICAL CABINET	-	-	2 KW	-	-	-	-	-	277/1		UHWA 021A2AT	(5)
EUH-2	HOUSEKEEPING 1003	VERTICAL CABINET	-	-	2 KW	-	-	-	-	-	277/1		UHWA 021A2AT	(5)
EUH-3	ELECTRICAL 2002	VERTICAL CABINET	-	-	2 KW	-	-	-	-	-	277/1		UHWA 021A2AT	(5)
EUH-4	TEL/DATA 2003	VERTICAL CABINET	-	-	2 KW	-	-	-	-	-	277/1		UHWA 021A2AT	(5)

NOTES:
(1) PROVIDE INTEGRAL BOTTOM STAMPED LOUVERED OUTLET AND BACK DUCT COLLAR INTET.
(2) PROVIDE INTEGRAL FAN SPEED CONTROLLER.
(3) PROVIDE FRONT STAMPED LOUVER OUTLET AND FRONT BAR GRILLE INLET.
(4) PERFORMANCE BASED ON ENTERING WATER TEMPERATURE OF 160°F.
(5) PROVIDE FACTORY HIGH STATIC MOTOR.
(5) PROVIDE WALL-MOUNTED LINE VOLTAGE THERMOSTAT

MISCELLANEOUS EQUIPMENT SCHEDULE

MARK	DESCRIPTION
GF-1	*WESSELS* MODEL GMP-13050 GLYCOL FEED PACKAGE MAKE-UP CAPACITY: 1.8 GPM @ 50 PSI. 50 GALLON SOLUTION TANK.

MECHANICAL TANK SCHEDULE

TAG	SERVICE	MFG. & MODEL NO.	CAPACITY GAL.	DIMENSIONS		CONNECTIONS	NOTES:
				DIAMETER IN.	HEIGHT IN.		
MT-1	CHW BUFFER TANK	"JOHN WOOD" JBTR-24-300	300	36	72	4" FLG.	
MT-2	CHW BUFFER TANK	"JOHN WOOD" JBTR-24-300	300	36	72	4" FLG.	

NOTES: (1)

HEAT EXCHANGER SCHEDULE - SHELL AND TUBE

TAG	BOILER LOOP (SHELL)				DOMESTIC COLD WATER					NOTES
	GPM	EWT	LWT	△ P FT-H2O	GPM	EWT	LWT	△ P FT-H2O	MBH	
HX-1	143	110	80	2.5	170	45	70	5.1	2124	

NOTES: TACO MODEL GI 641-2-4LD

REV. | DESCRIPTION | DATE

ISSUED FOR G.M.P. & PERMITTING
4-3-09

CURRENT ISSUE STATUS:

SMRT
ARCHITECTURE
ENGINEERING
PLANNING
INTERIOR DESIGN
COMMISSIONING

144 Fore Street/P.O. Box 618
Portland, Maine 04104
tel. (207) 772-3846
fax. (207) 772-1070
www.smrtinc.com

MARTIN'S POINT HEALTH CARE
MEDICAL OFFICE BUILDING
PORTLAND, MAINE

MECHANICAL SCHEDULES
SHEET TITLE:

SCALE:	AS NOTED	DATE:	
PROJECT MANAGER:	SLB	GRAPHIC SCALE:	0" 1"
JOB CAP/DRAWN:	TCM/DJL		
A/E OF RECORD:	TAC	SHEET No.	
SMRT CAD FILE:	M-602-08139		M-602
PROJECT No.	08139		

©COPYRIGHT 2008 SMRT INC

PROGRESS PRINT