AIR HANDLING UNIT SCHEDULE

TAG NO.	SERVICE	LOCATION	CHILLED WATER COOLING COIL											STEAM HEATING COIL							ENERGEY RECOVERY COIL					ENERGEY RECOVERY COIL (SUMMER)						ENERGEY RECOVERY COIL (WINTER)					
			TOTAL MBH	SENS. (MBH)	EAT (°F) DB/WB	LAT (°F) DB/WB	AIR P.D. (IN. WG)	GPM	EWT (°F)	LWT (°F)	MAX WATER P.D. (FT. HD.)	FACE VEL.(FPM)	% GLYCOL	MBH	EAT (°F)	LAT (°F)	FACE VEL.(FPM)	AIR P.D. (IN. WG)	LBS/HR	STEAM PRESS.	GPM	AIR P.D. (IN. WG)	WATER P.D. (FT. HD.)	FACE VEL.(FPM)	% GLYCOL	TOTAL (MBH)	SENS. (MBH)	EAT (°F) DB/WB	LAT (°F) DB/WB	EWT (°F)	LWT (°F)	TOTAL (MBH)	SENS. (MBH)	EAT (°F) DB/WB	LAT (°F) DB/WB	EWT (°F)	LWT (°F)
AHU 4	3rd, 4th & 5th FLOOR LABS	PENTHOUSE	2,518	1,548	86/71	52.3/52.1	0.92	546	44	57.6	16.7	546	40	3,585	−10	69.2	632	0.25	3,694	8.0	245	0.74	15.8	546	35	255.3	255.3	86/71	80.8/69.5	79.4	81.6	255.3	255.3	86/71	80.8/69.5	79.4	81.6

AIR HANDLING UNIT SCHEDULE (CONT.)

TAG NO.	SERVICE	LOCATION	SUPPLY FAN								PRE-FILTERS					FINAL FILTERS					ELECTRICAL	BASIS OF DESIGN		REMARKS
			TYPE	ESP (IN. W.G.)	TSP (IN. W.G.)	RPM	HP	WHEEL DIA. (IN.)	TOTAL CFM	O.A. CFM	EFFICIENCY	NO. SIZE (IN.) W x H x D	MAX. VEL. (FPM)	P.D. (IN. W.G.) INIT.	P.D. (IN. W.G.) FINAL	EFFICIENCY	NO. SIZE (IN.) W x H x D	MAX. VEL. (FPM)	P.D. (IN. W.G.) INIT.	P.D. (IN. W.G.) FINAL	V/ø/HZ	MANUFACTURER	MODEL NO.	
AHU 4	3rd, 4th & 5th FLOOR LABS	PENTHOUSE	DIDW	3.0	5.92	1,255	60	36.5	42,000	42,000	30	15 – 24x20x2 15 – 20x20x2	500	0.59	1.0	95	–	500	0.88	1.2	460/3/60	McQUAY	CAH085GDAM	

BOILER SCHEDULE

TAG NO.	SERVICE/ LOCATION	BOILER HP	OUTPUT MBH (NET)	WATER DATA				GAS FUEL		MIN EFF %	AIR INLET ROOF	VENT SIZE ROOF	ELECTRICAL	BASIS OF DESIGN		REMARKS
				GPM	EWT (°F)	LWT (°F)	% GLYCOL	INLET PRESS. (W.C.)	INPUT CFH				V/ø/HZ	MANUFACTURER	MODEL NO.	
B 3	PENTHOUSE	*	870	60	170	200	40	5	1000	88	6"	10"	120/1/60	LOCHINVAR	PB-1001	

ENERGY RECOVERY UNIT

TAG NO.	SERVICE	LOCATION	EXHAUST FAN	ENERGEY RECOVERY COIL						ENERGEY RECOVERY COIL (SUMMER)						ENERGEY RECOVERY COIL (WINTER)						REMARKS
				CFM	GPM	AIR P.D. (IN. WG)	WATER P.D. (FT. HD.)	FACE VEL.(FPM)	% GLYCOL	TOTAL (MBH)	SENS. (MBH)	EAT (°F) DB/WB	LAT (°F) DB/WB	EWT (°F)	LWT (°F)	TOTAL (MBH)	SENS. (MBH)	EAT (°F) DB/WB	LAT (°F) DB/WB	EWT (°F)	LWT (°F)	
FEU 2	3rd, 4th & 5th FLOOR LABS	ROOF	SEE EXHAUST FANS EF-19, 20, & 21	43,800	245	0.73	18.9	495	35	506	517	75/62.5	85.7/66.1	88	83.4	1,569	1,584	72/54	38.8/38.3	46	32	

PUMP SCHEDULE

TAG NO.	SERVICE/ LOCATION	FLUID		GPM	HEAD (FT.)	MIN. % EFF.	ELECTRICAL				BASIS OF DESIGN		REMARKS
		TYPE	TEMP. (°F)				RPM	BHP	HP	V/ø/HZ	MANUFACTURER	MODEL NO.	
P 8	PENTHOUSE	40% GYLCOL	44	480	75	75	1800	11.39	15	460/3/60	BELL & GOSSETT	1510 4E	

AIR COOLED CHILLER SCHEDULE

TAG NO.	SERVICE/ LOCATION	NOMINAL TONAGE	GPM	EWT (°F)	LWT (°F)	MAX PD-(FT)	NUMBER OF FANS (HP)	TOTAL CFM	MAX KW INPUT	AMBIENT TEMP (°F)	BASIS OF DESIGN		REMARKS
											MFG	MODEL	
CH 3	ROOF	257	731.5	51.2	42	21.3	16 @ 2	172,800	–	95	McQUAY	AGS320B	

SMMA
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OWNER REVIEW

NAME DATE

NO.	DATE	DESCRIPTION
	06.21.06	ISSUED FOR CONSTRUCTION

ISSUE LOG

△ = CLOUDED CHANGE

UNIVERSITY OF SOUTHERN MAINE
70 FALMOUTH STREET
PORTLAND, MAINE

RESEARCH WING
PHASE III FIT-OUT

INFRASTRUCTURE SCHEDULE
SHEET 2 OF 2

SCALE	NONE
DRAWN BY	FV
CHECKED BY	
PROJ. ARCH. / ENGR.	GI
PROJ. MGR.	RCH
JOB NO.	03049.10

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