

TAG	MANUFACTURER	MODEL	SERVICE	SUPPLY AIRFLOW CFM	EXTERNAL STATIC PRESSURE (IN WG)	COOLING CAPACITY							HEATING		HUMIDIFIER		AIR FILTER	CONDENSER		ELECTRICAL												WEIGHT		NOTES				
						EAT				CIRCUIT	REFRIGERANT	INPUT (KW)	HEAT (MBH)	ELEC (KW)	INPUT (LB/HR)	OUTPUT (LB/HR)		INDOOR				INDOOR (GENERATOR)				OUTDOOR				LEE-TEMP RECEIVER					INDOOR (LBS)	OUTDOOR (LBS)		
						TOTAL	SENSIBLE	DB	WB									RH	QTY	FLA	FLA	WSA	OPD	FLA	WSA	OPD	FLA	WSA	OPD	VOLTA	POWER	FLA	WSA				OPD	VOLTA
CRAC-1A-B	LIEBERT	VS077ASA0E1793A	DATA CENTER	11,000	1.0	242.8	203.1	75	62.5	50	2	R-407C	15.0	51.2	--	22.0	MERV 8	6	570	10	67.0	72.2	90	55.4	60.6	80	5.4	5.6	15	460/3/60	300	2.8	3.5	15	120/1/60	2070	1380	--
CRAC-2A-B	LIEBERT	VS077ASA0E1793A	DATA CENTER	11,000	1.0	242.8	203.1	75	62.5	50	2	R-407C	15.0	51.2	--	22.0	MERV 8	6	570	10	67.0	72.2	90	55.4	60.6	80	5.4	5.6	15	460/3/60	300	2.8	3.5	15	120/1/60	2070	1380	--

NOTES:

1. CONDENSATE PUMPS, FACTORY MOUNTED AND WIRED, SIZED FOR BOTH COOLING COIL CONDENSATE AND HUMIDIFIER DRAINAGE.
2. INFRARED TYPE HUMIDIFIERS.
3. DUAL FAN BELTS, SIZED FOR 100% REDUNDANCY.
4. QUIET-LINE CONDENSERS, 57 dB(A) RATED NOISE, WITH LEE-TEMP RECEIVERS AND CONTROLS.

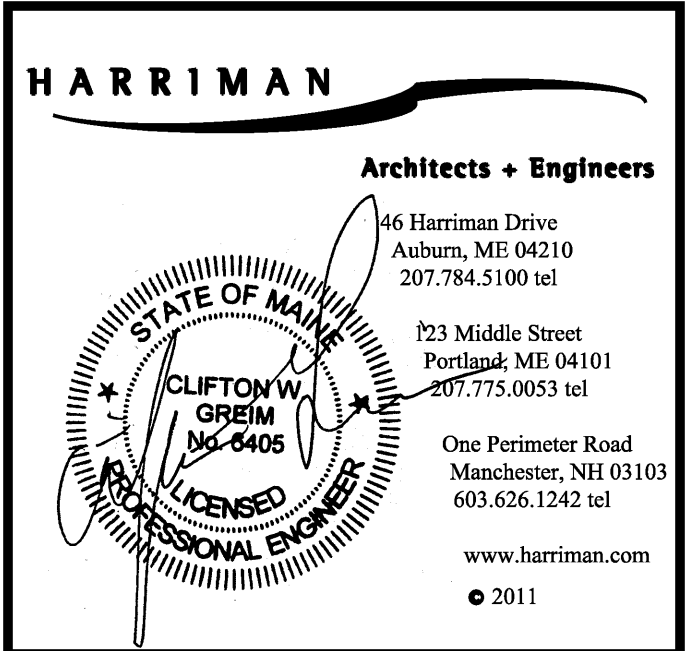
5. PROVIDE RELAYS TO LOCK OUT HUMIDIFIER AND ELECTRIC REHEAT WHEN OPERATING ON GENERATOR (EMERGENCY POWER).
6. PROVIDE CONTACTS AND RELAYS TO CONTROL THE MOTORIZED DAMPERS IN THE SUPPLY DUCTS.
7. FLOOR STAND. FIELD-VERIFY HEIGHT.
8. COMPRESSORS: SEMI-HERMETIC WITH UNLOADERS FOR 4 STAGES OF CAPACITY.

9. CRAC UNITS WILL BE PRE-PURCHASED BY OWNER TO EXPEDITE DELIVERY. CONTRACTOR SHALL RECEIVE FROM THE OWNER, DELIVER TO THE JOBSITE INCLUDING RIGGING/LIFTING TO COMPUTER ROOM & ROOF, DISASSEMBLE AND REASSEMBLE INDOOR UNITS AS REQUIRED, INSTALL, CHARGE PIPING WITH REFRIGERANT & OIL, PERFORM STARTUP IN COOPERATION WITH FACTORY REPRESENTATIVE, & PROVIDE WARRANTY SERVICE FOR THE DURATION OF MANUFACTURER'S WARRANTIES.

TAG	TYPE	MANUFACTURER	MODEL	NECK (INCHES)	CATALOG RATINGS					BLADE SPACING (INCHES)	TYPE	PANEL/ FRAME SIZE (INCHES)	MOUNTING	DAMPER	NOTES
					AIRFLOW	SP DROP	NC	THROW	BLADE						
					(CFM)	(IN WG)		(FEET)	ANGLE						
S-1	SUPPLY REGISTER	ANEMOSTAT	S2HO	22 x 22	1375	0.02	20	30-71	0	3/4	DOUBLE DEFLECTION	24 x 24	CEILING	OBD	1,2,3,4,5
E-1	EXHAUST GRILLE	ANEMOSTAT	GC5L	22 x 22	1880	0.05	25	--	0	1/2	GRID CORE	24 x 24	CEILING	NONE	1,2,3,6

NOTES:

1. LAY-IN BORDER. BAKED ENAMEL WHITE FINISH.
2. NC RATED WITH ROOM ABSORPTION OF 10 dB, RE: 10-12 WATTS, WITH ONE AIR DEVICE OPERATING.
3. MATERIAL MAY BE STEEL OR ALUMINUM.
4. THROWS: RATED AT TERMINAL VELOCITIES OF 50 FPM MIN., 150 FPM MAX. SEE FLOOR PLAN FOR THROW PATTERN.
5. VERIFY NECK SIZE TO FILL LAY-IN PANEL.
6. GRID-CORE DESIGN, 1/2" X 1/2" X 1/2". VERIFY NECK SIZE TO FILL LAY-IN PANEL.



Project Title

UNIVERSITY OF MAINE SYSTEM DATA CENTER UPGRADES

Portland, Maine

NA Project No. 09533

Key Plan

Mark	Date	Description
	05-09-2011	ISSUED FOR BID
	04-05-2011	ISSUED FOR 100% REVIEW
	01-24-2011	ISSUED FOR 75% REVIEW

Drawing Title

SCHEDULES

PA / PE: _____ Drawn By: _____

Drawing Number

M40.1

SCHEDULES	
NO SCALE	REF: NA

A1