COMPUTER ROOM AIR CONDITIONING UNIT SCHEDULE

AIR HANDLING UNIT No.	LOCATION	SERVICE	SUPPLY FAN					DX EVAPORATOR COIL					REHEAT			HUMIDIFIER		ELECTRICAL DATA			UNIT DIMENSIONS			CONDENSING UNIT No.	LOCATION	SERVICE	CONDENSING UNIT				D.B. TEMP (°F)	CONDENSER FAN(S)		ELECTRICAL DATA			UNIT DIMENSIONS				MANUF. MODEL #	REMARKS
								MBH						ELECTRIC														COMPRESSOR(S)															
			CFM	EXT. SP (IN. W.G.)	QTY	MOTOR HP	RPM	TOTAL	SENSIBLE	ENT. AIR DB/WB (°F)	LVG. AIR DB/WB (°F)	FACE VELOCITY (FPM)	CAPACITY BTUH	STAGES	KW	CAPACITY (LB/HR)	ELEC. (KW)	VOLTS	PHASE	HZ	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)				MBH	TYPE	NO.		NO.	HP EA.	VOLTS	PHASE	HZ	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT (LBS)		
AC-1	BASEMENT WEST	EQUIP. ROOM	1000	0.3	1	1/2	-	31.8	26.2	72 / 60	51.4 / 51.3	277	N/A	-	-	N/A	N/A	460	3	60	58"	30"	24"	ACCU-1	LOW ROOF	AC-1	31.8	HERM.	1	95	1	0.2	460	3	60	40"	18"	24.5"	240	LIEBERT MMD36E W / PFH037A	1, 2

NOTE:

1. PROVIDE WITH LITTLE GIANT CONDENSATE PUMP MODEL VCMA-20, READY FOR HARD WIRED CONNECTION.
2. PROVIDE WITH LOW AMBIENT COOLING KIT TO -30°F

TERMINAL BOX SCHEDULE

DESIGNATION	BOX TYPE	BOX SIZE (INLET SIZE)	DISCHARGE DUCT SIZE	AIRFLOW RANGE (CFM)		REHEAT COIL (HOT WATER)							MINIMUM STATIC PRESSURE △PS (IN W.G.)	DISCHARGE SOUND LEVEL AT MAX. CFM & △PS=3" (NC)	RADIATED SOUND LEVEL AT MAX. CFM & △PS=3" (NC)	TYPE OF CONTROLS	MANUF. MODEL #	REMARKS
						AIR		WATER										
				MIN.	MAX.	EDB (°F)	LDB (°F)	ROWS	GPM	EWT (°F)	LWT (°F)	MAX. PD (FT.)						
VAV / CAV-1	SINGLE DUCT	6"	12x8	70	400	55	85	SEE PLANS	SEE PLANS	180	VARIES	1	0.18	31	23	DDC	PRICE SDVO-5000	INCLUDES HOSPITAL GRADE SILENCER
VAV / CAV-2	SINGLE DUCT	8"	12x10	135	700	55	85	SEE PLANS	SEE PLANS	180	VARIES	1	0.11	33	22	DDC	PRICE SDVO-5000	INCLUDES HOSPITAL GRADE SILENCER
VAV / CAV-3	SINGLE DUCT	14"	20x17.5	440	2300	55	85	SEE PLANS	SEE PLANS	180	VARIES	1	0.34	15	22	DDC	PRICE SDVO-5000	INCLUDES HOSPITAL GRADE SILENCER
VAV / CAV-4	SINGLE DUCT	16"	24x18	570	3000	55	85	SEE PLANS	SEE PLANS	180	VARIES	1	0.51	38	20	DDC	PRICE SDVO-5000	INCLUDES HOSPITAL GRADE SILENCER

NOTES:

1. PROVIDE (1) ROW COIL FOR ALL VARIABLE VOLUME UNITS AND (2) ROW COILS FOR ALL CONSTANT VOLUME UNITS UNLESS OTHERWISE NOTED.
2. FOR VAV SUPPLY BOXES SERVING OR'S PROVIDE PACKLESS SILENCERS.

DIFFUSER SCHEDULE

DESIGNATION	SERVICE	CFM RANGE	MAX NC	TYPE	NECK SIZE (IN.)/SIZE & NO. OF SLOTS	NOMINAL OVERALL DIMENSION WxL (IN.)	MANUF. MODEL	REMARKS
CD-A	SUPPLY	0-280	23	CEILING	9x9	24x24	PRICE SMX	1, 2
CD-B	SUPPLY	281-520	26	CEILING	12x12	24x24	PRICE SMX	1, 2
CD-C	O.R. SUPPLY	SEE PLANS	15	CEILING		-	PRICE HORD SERIES OR SYSTEM	3
RG-A	O.R. RETURN	SEE PLANS	-	SIDEWALL	12x18	14x20	PRICE 730H	STAINLESS STEEL, 4
RG-B	O.R. RETURN	SEE PLANS	-	SIDEWALL	14x22	16x24	PRICE 730H	STAINLESS STEEL, 4
CR-A	RETURN	0-250	21	CEILING	9x9	24x24	PRICE 530FL/TBL	4
CR-B	RETURN	251-440	27	CEILING	12x12	24x24	PRICE 530FL/TBL	4
CR-C	RETURN	441-1,750	33	CEILING	22x22	24x24	PRICE 530FL/TBL	4

NOTES:

1. SEE PLANS FOR AIRFLOW PATTERNS.
2. PROVIDE WITH FACTORY ATTACHED 3" HIGH SQUARE TO ROUND ADAPTERS. ADAPTERS TO FIT INSIDE DIFFUSER NECK.
3. PROVIDE W/ MANUFACTURER'S CEILING GRID SYSTEM. REFER TO SPECIFICATIONS - ADD ALTERNATE #3.
4. PROVIDE HARD DUCT CONNECTION. NO FLEX DUCT.

RETURN AIR CONTROL DAMPER & AIR FLOW STATION SCHEDULE

DESIGNATION	LOCATION	SERVICE	AUTOMATIC DAMPER VOLUME (CFM)		DAMPER TYPE	DAMPER SIZE	TYPE OF CONTROLS	DAMPER MANUF. MODEL #	AIR FLOW STATION MANUF. MODEL #	REMARKS
			RETURN AIR							
			MAXIMUM	MINIMUM						
RAD-1	CORRIDOR	HYBRID O.R. # 2	SEE PLANS	SEE PLANS	OPPOSED BLADE	20x18	DDC	TAMCO SERIES 1000	TAMCO EBTRON GTC116-PC	SEE NOTES
RAD-2	CORRIDOR	O.R. # 6	SEE PLANS	SEE PLANS	OPPOSED BLADE	20x14	DDC	TAMCO SERIES 1000	TAMCO EBTRON GTC116-PC	SEE NOTES

NOTES:

1. DAMPER SHALL BE DUCT MOUNTED AND SIZED TO MATCH DUCT DIMENSIONS.
2. PROVIDE DAMPER WITH FLANGED CONSTRUCTION.

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Reviewed for Code Compliance
Portland Fire Prevention Division
Approved with Conditions

Date: 10/16/15

HYBRID OR & OR #6

22 Bramhall Street, Portland, Maine 04102

D C A B

STATE OF MAINE — DARREN P. RICE — No. 11616 — LICENSED PROFESSIONAL ENGINEER

Revisions

NO	ISSUE	DATE
	ISSUED FOR PERMIT	08.21.2015
1	ADDENDUM 1	08.21.2015

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Checked	DPR
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Title

MECHANICAL SCHEDULES

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