

TERMINAL BOX SCHEDULE

DESIGNATION	BOX TYPE	BOX SIZE (INLET SIZE)	DISCHARGE DUCT SIZE	AIRFLOW RANGE (CFM)		REHEAT COIL (HOT WATER)						MINIMUM STATIC PRESSURE ΔPS (IN W.G.)	DISCHARGE SOUND LEVEL AT MAX. CFM & ΔPS=3" (NC)	RADIATED SOUND LEVEL AT MAX. CFM & ΔPS=3" (NC)	TYPE OF CONTROLS	MANUF. MODEL #	REMARKS	
				MIN.	MAX.	AIR			WATER									
				EDB (°F)	LDB (°F)	ROWS	GPM	EWT (°F)	LWT (°F)	MAX. PD (FT.)								
VAV/CAV-1	SINGLE DUCT	6"ø	10x10	50	400	55	85	SEE PLANS	SEE PLANS	180	VARIES	1	0.27	27	27	DDC	PRICE SDVQ-5000	INCLUDES HOSPITAL GRADE SILENCER
VAV/CAV-2	SINGLE DUCT	8"ø	12x10	165	700	55	85	SEE PLANS	SEE PLANS	180	VARIES	1	0.38	32	34	DDC	PRICE SDVQ-5000	INCLUDES HOSPITAL GRADE SILENCER
VAV/CAV-3	SINGLE DUCT	10"ø	14x12.5	220	1200	55	85	SEE PLANS	SEE PLANS	180	VARIES	1	0.43	34	38	DDC	PRICE SDVQ-5000	INCLUDES HOSPITAL GRADE SILENCER
VAV/CAV-4	SINGLE DUCT	12"ø	16x15	300	1600	55	85	SEE PLANS	SEE PLANS	180	VARIES	1		37	41	DDC	PRICE SDVQ-5000	INCLUDES HOSPITAL GRADE SILENCER
VAV/CAV-5	SINGLE DUCT	14"ø	20x17.5	440	2100	55	85	SEE PLANS	SEE PLANS	180	VARIES	1		35	39	DDC	PRICE SDVQ-5000	INCLUDES HOSPITAL GRADE SILENCER
CVR/AVR-1	SINGLE DUCT	6"ø	12x8	0	400	--	--	--	--	--	--	--	0.01	<20	31	DDC	PRICE SDEQ-5000	INCLUDES HOSPITAL GRADE SILENCER
CVR/AVR-2	SINGLE DUCT	8"ø	12x10	0	700	--	--	--	--	--	--	--	0.02	25	36	DDC	PRICE SDEQ-5000	INCLUDES HOSPITAL GRADE SILENCER
CVR/AVR-3	SINGLE DUCT	10"ø	14x12.5	0	1200	--	--	--	--	--	--	--				DDC	PRICE SDEQ-5000	INCLUDES HOSPITAL GRADE SILENCER
CVR/AVR-4	SINGLE DUCT	12"ø	16x15	0	1700	--	--	--	--	--	--	--				DDC	PRICE SDEQ-5000	INCLUDES HOSPITAL GRADE SILENCER
CVR/AVR-5	SINGLE DUCT	14"ø	20x17.5	0	2100	--	--	--	--	--	--	--				DDC	PRICE SDEQ-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.

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	SUPPLY	490	--	CEILING	12"ø	24x48	FLANDERS TH	4, 5
LD-A	SUPPLY	0-400	25	CEILING	2' SLOT 1'SLOTx48"x10"ø INLET	48"x6"	PRICE ADJUSTA SLOT AST	PROVIDE W/4' FACTORY PLENUM
CR/CE-A	RETURN/EXHAUST	0-250	23	CEILING	9x9	12x12	PRICE 530FL/TBL	3
CR/CE-B	RETURN/EXHAUST	0-250	21	CEILING	9x9	24x24	PRICE 530FL/TBL	3
CR/CE-C	RETURN/EXHAUST	251-440	27	CEILING	12x12	24x24	PRICE 530FL/TBL	3
CR/CE-D	RETURN/EXHAUST	441-1,750	33	CEILING	22x22	24x24	PRICE 530FL/TBL	3
RG-A	PATIENT RM RETURN	0-170	--	SIDEWALL	10x6	12x8	PRICE 730H	3
RG-B	PATIENT RM RETURN	171-300	--	SIDEWALL	12x10	14x12	PRICE 730H	3
RG-C	PATIENT RM RETURN	240-440	23	CEILING	12x12	24x24	PRICE 730H	3

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 HARD DUCT CONNECTION. NO FLEX DUCT.
4. PROVIDE FOR GASKETED TEE GRID SYSTEM.
5. PROVIDE WITH 4" DEEP FILTER FOR 99.99% PARTICLE SIZE EFFICIENCY ON 0.30 MICROMETERS.

RADIANT PANEL SCHEDULE--HYDRONIC

UNIT No.	PANEL DIMENSIONS		MEAN WATER TEMPERATURE (°F)	GPM	WATER P.D. (FT/100 FT TUBE)	PANEL PERFORMANCE BTUH/SQ.FT	REQUIRED BTUH PER LIN. FT.	MANUF. MODEL #	REMARKS
	WIDTH	LENGTH							
RP-1	12"	SEE PLANS	170	0.5	0.91	214	214	2 TUBE LINEAR PANELS	

HEATING COIL SCHEDULE (STEAM)

COIL No.	SYSTEM No.	LOCATION	PERFORMANCE DATA						CONSTRUCTION DATA												
			AIR			STEAM			TUBE LENGTH (IN.)	TOTAL COIL FACE AREA (SQ. FT.)	ROWS DEEP	MAX. No. OF FINS/INCH	No. OF SECTIONS	ARRANGEMENT		FACE VELOCITY EACH COIL (FPM)	DRY WEIGHT EACH COIL (LBS)	TOTAL COIL SYSTEM OPERATING WT. (LBS)	MANUF. MODEL #	REMARKS	
			CFM	SENSIBLE MBH	EDB (°F)	LDB (°F)	AIR P.D. (IN W.G.)	LBS/HR						PSIG	COILS HIGH						COILS WIDE
HC-10-01	RTU-10-01	PENTHOUSE	7500	--	0	95	--	805	5	--	15.0	2	6	--	1	1	500	--	--	--	--

FAN COIL UNIT SCHEDULE

UNIT No.	LOCATION	SERVICE	FAN DATA		MOTOR DATA				COOLING COIL DATA										DIMENSIONS			MANUF. MODEL #	REMARKS			
			NOMINAL CFM	ESP (IN. W.G.)	DRIVE TYPE	HP	ELECTRICAL DATA			AIR			30% PROPYLENE GLYCOL				No. OF ROWS	DESIGN PRESS. (PSIG)	CAPACITY (MBH) TOTAL/SENSIBLE	LENGTH (IN)	WIDTH (IN)			HEIGHT (FT-IN)	OPERATING WT. (LBS)	
			VOLTS	PHASE	HZ	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	GPM	PD (FT. H O)	EWT (°F)	LWT (°F)													
FCU-08-01	CORRIDOR DC-SCARR	RICHARDS 8 TEL/DATA	602	0.5	DIRECT	298W	115	1	60	80	67	60.41	59.34	3.33	7.16	44	54	4	300	14.38 / 12.27	56.0	25.0	10.0	139.4	TRANE FC03-080	HORIZONTAL CONCEALED

NOTES:
1. PERFORMANCE FOR ALL FAN COIL UNITS IS BASED ON 30% PROPYLENE GLYCOL.

STEAM HUMIDIFIER SCHEDULE

UNIT No.	LOCATION	SYSTEM No./SERVICE	CFM	MINIMUM O.A. CFM	No. OF MANIFOLDS	FLOW (LBS/HR)	STEAM PRESSURE (PSIG)	AIR DATA							MANUF. MODEL #	REMARKS
								VELOCITY (FPM)	AIR P.D. (IN WC)	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	FINAL % RH		
H-10-01	PENTHOUSE	RTU-10-01	7,500	2,475	--	95	5	--	--	95	57	95	79	50	--	--



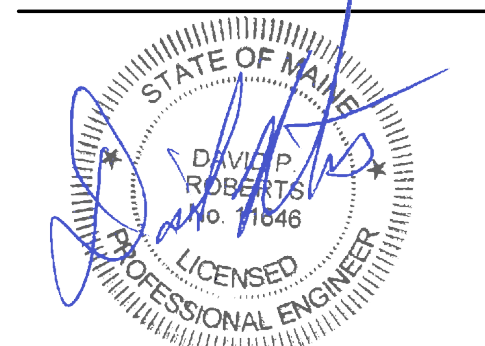
225 Franklin Street, Suite 1100
Boston, MA 02110
1617.478.0200
1617.478.0221
www.perkinswill.com

CONSULTANTS

AKF GROUP LLC
MEPP
99 Bedford St., 2nd Floor
Boston, MA 02111
1617.737.1111
1617.737.4311

STRUCTURAL SGH INC.

41 Seyon St.
Waltham, MA 02453
1781.907.9000
1781.907.9009



PROJECT

ACCU RELOCATION
22 Bramhall Street
Portland, Maine 04102



MAINE MEDICAL CENTER
22 Bramhall Street
Portland, Maine 04102

06.24.2016
ISSUE CHART

ISSUED FOR PERMIT	06.24.2016
NO. ISSUE	DATE
Job Number	B160089-000
Checked	DFR
Approved	

TITLE MECHANICAL SCHEDULES

SHEET NUMBER M00-10

SAVE DATE: 06/24/2016 1:29 PM
PLOT DATE: 06/24/2016 1:54 PM
LOGIN: Canevalde, David

PL: Project\B160089-000\B160089-000-DD-Design\Main\CAD\Richards 7-9-RM\Main\B160089-000_M00-10.dwg