SPLIT-SYSTEM AIR CONDITIONER PERFORMANCE SCHEDULE

* - AT ARI CONDITIONS OF 85°F AMBIENT/65°F INDOOR WB

TAG	TOTAL COOLING (MBH)*	AIRFLOW (CFM)	MOISTURE REMOVAL (PINTS/HR)	COND. DRAIN (IN)	EER (BTUH/WATT)	SOUND RATING (DB)	WEIGHT (LBS)	REFRIGERANT PIPE SIZE (IN) LIQUID	REFRIGERANT PIPE SIZE (IN) GAS	ELECTRICAL REQUIREMENTS MCA	MAX FUSE	V/PH/HZ	BASIS OF DESIGN MITSUBISHI SERVICE	ARRANGEMENT	MODEL
SAC1	12.5	400	3.8	1"	13.8	40	37	1/2	3/4	1.0	15.0	208/1/60	SERVER ROOM	WALL	FKA-A12GA
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note Furnish with low ambient control to 0F.

SPLIT-SYSTEM CONDENSING UNIT PERFORMANCE SCHEDULE

* - AT ARI CONDITIONS OF 95°F AMBIENT / 67°F INDOOR WB
• - AT 45°F. SATURATED SUCTION TEMPERATURE

TAG	TOTAL COOLING (MBH)*	REFRIGERANT	EER	MINIMUM AMBIENT TEMP.(°F)	FOOTPRINT DIMENSION (INCHES)	OPERATING WEIGHT (LBS)	ELECTRICAL REQUIREMENTS MCA	ELECTRICAL REQUIREMENTS MOP	ELECTRICAL REQUIREMENTS V/PH/HZ	BASIS OF DESIGN MITSUBISHI COMP. STAGING	SOUND (BEL)	SERVICE	MODEL
• SCU-1	12.5	R-410A	13.8	0°F	37x13	36	13.0	15.0	208/1/60	-	-	SAC-1	(M) PUY-A12NHA
-	-	-	-	-	-	-	-	-	-	-	-	-	-

ELECTRIC CEILING HEATER PERFORMANCE SCHEDULE

TAG	OUTPUT (KW)	FLOW RATE (GPM)	W.P.D (FT.W.G.)	AIRFLOW (CFM)	ROWS	MTG. HT.	ELECTRICAL REQUIREMENTS HP	ELECTRICAL REQUIREMENTS AMPS	ELECTRICAL REQUIREMENTS V/PH/HZ	BASIS OF DESIGN Qmark SERVICE	ARRANGEMENT	MODEL
-	-	-	-	-	-	-	-	-	-	-	-	-
EH	1.5	-	-	150	-	-	-	19.2	120/1/60	-	RECESSED, CEILING	EFF1500

Note - See Drawings for quantities.

ENERGY RECOVERY UNIT SCHEDULE

* - INDOOR CONDITIONS (WINTER) 72°F. DBT, 57°F. WBT
• - OUTDOOR CONDITIONS (WINTER) -3°F. DBT, -1°F. WBT

TAG	MINIMUM O.A. (CFM)	MAXIMUM O.A. (CFM)	FAN	DRIVE	AIRFLOW (CFM)	T.S.P. (IN. w.g.)	E.S.P. (IN. w.g.)	RPM	WT. (LBS)	ELECTRICAL REQUIREMENTS HP	ELECTRICAL REQUIREMENTS EWT	ELECTRICAL REQUIREMENTS MCA	ELECTRICAL REQUIREMENTS MOCP	ELECTRICAL REQUIREMENTS V/PH/HZ	HTG CAP. (MBH)	PREHEAT COIL	WINTER EFFECTIVENESS	Lifebreath MODEL		LwA	dBA	SOUND POWER (dB re 10 WATTS) OCTAVE BAND & CENTER FREQUENCY (HZ) 63	125	250	500	1000	2000	4000	8000
ERV 1	400	400	SUPPLY	BELT	400	-	Ø.35	Med.	150	1/2	-	6.9	15.0	120/1/60	-	-	55%	'400 ERV	LOCATION									
			EXHAUST	BELT	400	-	Ø.35	Med.	-	1/2	-								SUPPLY	-	-	-	-	-	-	-	-	-
-	-	-	SUPPLY	BELT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	EXHAUST	-	-	-	-	-	-	-	-	-
			EXHAUST	BELT	-	-	-	-	-	-	-								SUPPLY	-	-	-	-	-	-	-	-	-
																			EXHAUST	-	-	-	-	-	-	-	-	-

This unit shall be furnished with motorized dampers on the exhaust and outside air intake to meet the IECC 2012. Furnish with a 3-speed fan switch.

AIR DEVICE PERFORMANCE SCHEDULE

TAG	DUCT SIZE	NECK SIZE(IN)	AIRFLOW (CFM)	SP.LOSS (IN.W.G.)	THROW(L)	THROW(S)	Nc	BASIS OF DESIGN PRICE, (W) WOOD-JA DUCT CONN.(IN)	PATTERN	MODEL
A	6"x6"	6x6	150	Ø.05	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
B	9"x9"	9x9	350	Ø.05	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
C	12"x12"	12x12	500	Ø.05	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
D	15"x15"	15x15	700	Ø.05	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
G	10"x8"	-	225	Ø.05	-	-	20	-	-	• SDGE
-	-	-	-	-	-	-	-	-	-	-
AA	8"x8"	8x8	100	Ø.05	-	-	30	SEE DWGS	1/2", 45^	630DAL
BB	12"x12"	12x12	400	Ø.05	-	-	30	SEE DWGS	1/2", 45^	630DAL
CC	16"x16"	16x16	600	Ø.05	-	-	30	SEE DWGS	1/2", 45^	630DAL
DD	22"x22"	22x22	1000	Ø.05	-	-	30	SEE DWGS	1/2", 45^	630DAL

Note Airflow indicated are maximums. See Drawings for actual airflows.
• Double-Deflection, extruded aluminum with white finish and opposed blade damper.

FAN PERFORMANCE SCHEDULE

BASIS OF DESIGN (P) PANASONIC, (G) Greenheck

TAG	AIRFLOW (CFM)	T.S.P (IN.W.G)	NOISE (SONES)	RPM	DRIVE	ELECTRICAL REQUIREMENTS HP	ELECTRICAL REQUIREMENTS BHP	ELECTRICAL REQUIREMENTS VFD	ELECTRICAL REQUIREMENTS AMPS	ELECTRICAL REQUIREMENTS V/PH/HZ	WEIGHT (LB)	SERVICE	ARRANGEMENT	MODEL
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EF-T	571	Ø.25	Ø.3	909	DIRECT	-	-	-	Ø.19A.	120/1/60	-	Bathrooms	CEILING	(P) FV-08VQ3
EF-1	1000	1.0	9.7	1741	BELT	1/2	-	-	-	120/1/60	64	KH-1	UPBLAST	(G) CUBE-181
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

HEATING COIL PERFORMANCE SCHEDULE

BASIS OF DESIGN Daikin
• AP.D. AT MAX. AIRFLOW

TAG	OUTPUT (MBH)	SIZE / FV	FLOW RATE (GPM)	W.P.D (FT. W.G.)	WATER VELOCITY (FPS)	E.W.T. (°F)	L.W.T. (°F)	ROWS	TUBING (Y/N)	HTG. AIR FLOW (CFM)	MAX. AIR FLOW (CFM)	AP.D.• (IN. w.g.)	E.A.T. (°F)	L.A.T. (°F)	COIL TYPE	FIN MAT.	FPF	VALVE	MODEL	SERVICE
HC1	-	- FPM	-	-		160	130	-	N	3000	3000	-	50	-	-	AL	-	-	-	ERV1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LOUVER / DAMPER PERFORMANCE SCHEDULE

TAG	AIR FLOW (CFM)	S/P LOSS (IN. WG)	AIR VEL. (FPM)	SIZE (INCHES) (WxH)	FREE AREA (SQ. FT)	DRAINABLE? (Y) OR (N)	BLADE ANGLE & FRAME DEPTH	BASIS OF DESIGN RUSKIN SERVICE	MODEL
L1, L2	2500	-	-	36"x24"	3.0	Y	35°, 6"	ACI INTAKE, EXH	ELF637BDX
L3	-	-	-	*	-	Y	35°, 6"	-	ELF637BDX

* - SEE ARCHITECTURAL ELEVATIONS FOR SIZE AND SHAPE OF LOUVER, L3.

FINTUBE PERFORMANCE SCHEDULE

HEATING PERFORMANCE BASED ON 160°F ENTERING WATER TEMP. & 65°F ENTERING AIR TEMPERATURE

TAG	OUTPUT (MBH/FT)	FLOW RATE (GPM)	MOUNTG. HEIGHT (IN)	ENCLOSURE HEIGHT (IN)	ELEMENT LENGTH (FT)	ENCLOSURE LENGTH (FT)	BASIS OF DESIGN = STERLING TUBE SIZE (IN)	FINS/FOOT	VALVE TAG	MODEL
FTR	Ø.48	2.0	2"	11"	*	**	3/4"	60	-	JVK-511

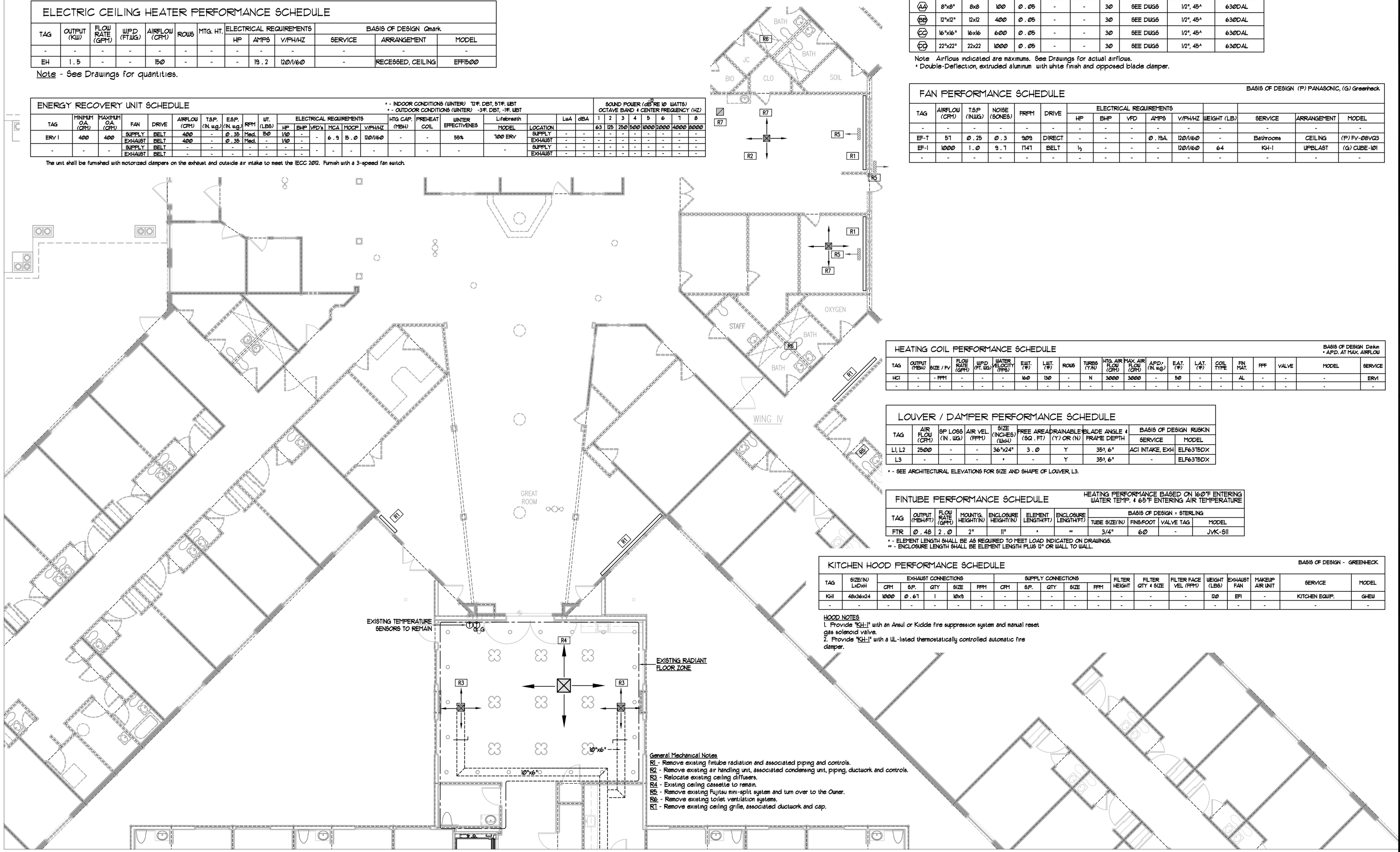
* - ELEMENT LENGTH SHALL BE AS REQUIRED TO MEET LOAD INDICATED ON DRAWINGS.
** - ENCLOSURE LENGTH SHALL BE ELEMENT LENGTH PLUS 2" OR WALL TO WALL.

KITCHEN HOOD PERFORMANCE SCHEDULE

BASIS OF DESIGN - GREENHECK

TAG	SIZE(IN) LxDxH	EXHAUST CONNECTIONS CFM	EXHAUST CONNECTIONS S.P.	EXHAUST CONNECTIONS QTY	EXHAUST CONNECTIONS SIZE	EXHAUST CONNECTIONS FPM	SUPPLY CONNECTIONS CFM	SUPPLY CONNECTIONS S.P.	SUPPLY CONNECTIONS QTY	SUPPLY CONNECTIONS SIZE	SUPPLY CONNECTIONS FPM	FILTER HEIGHT	FILTER QTY & SIZE	FILTER FACE VEL (FPM)	WEIGHT (LBS)	EXHAUST FAN	MAKEUP AIR UNIT	SERVICE	MODEL
KH1	48x36x24	1000	Ø.67	1	10x3	-	-	-	-	-	-	-	-	-	120	EF1	-	KITCHEN EQUIP.	GHEW
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

HOOD NOTES
1. Provide "KH-1" with an Ansul or Kidde fire suppression system and manual reset gas solenoid valve.
2. Provide "KH-1" with a UL-listed thermostatically controlled automatic fire damper.



General Mechanical Notes
R1 - Remove existing fintube radiation and associated piping and controls.
R2 - Remove existing air handling unit, associated condensing unit, piping, ductwork and controls.
R3 - Relocate existing ceiling diffusers.
R4 - Existing ceiling cassette to remain.
R5 - Remove existing Fujitsu mini-split system and turn over to the Owner.
R6 - Remove existing toilet ventilation systems.
R7 - Remove existing ceiling grille, associated ductwork and cap.

1 FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0

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GENERAL NOTES:

REVISIONS:
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Project Number:
SRH0314

STATE OF MAINE STEPHEN R. HOPPE 12007 LICENSED PROFESSIONAL ENGINEER

Seaside Rehabilitation and Healthcare Center
Lobby / Rehab Renovation
850 Baxter Boulevard
Portland, Maine

Drawing Name:
Mechanical Demolition Plan and Schedules

Scale:
1/8"=1'-0"

Date:
07/18/14

SHEET:
M1.2