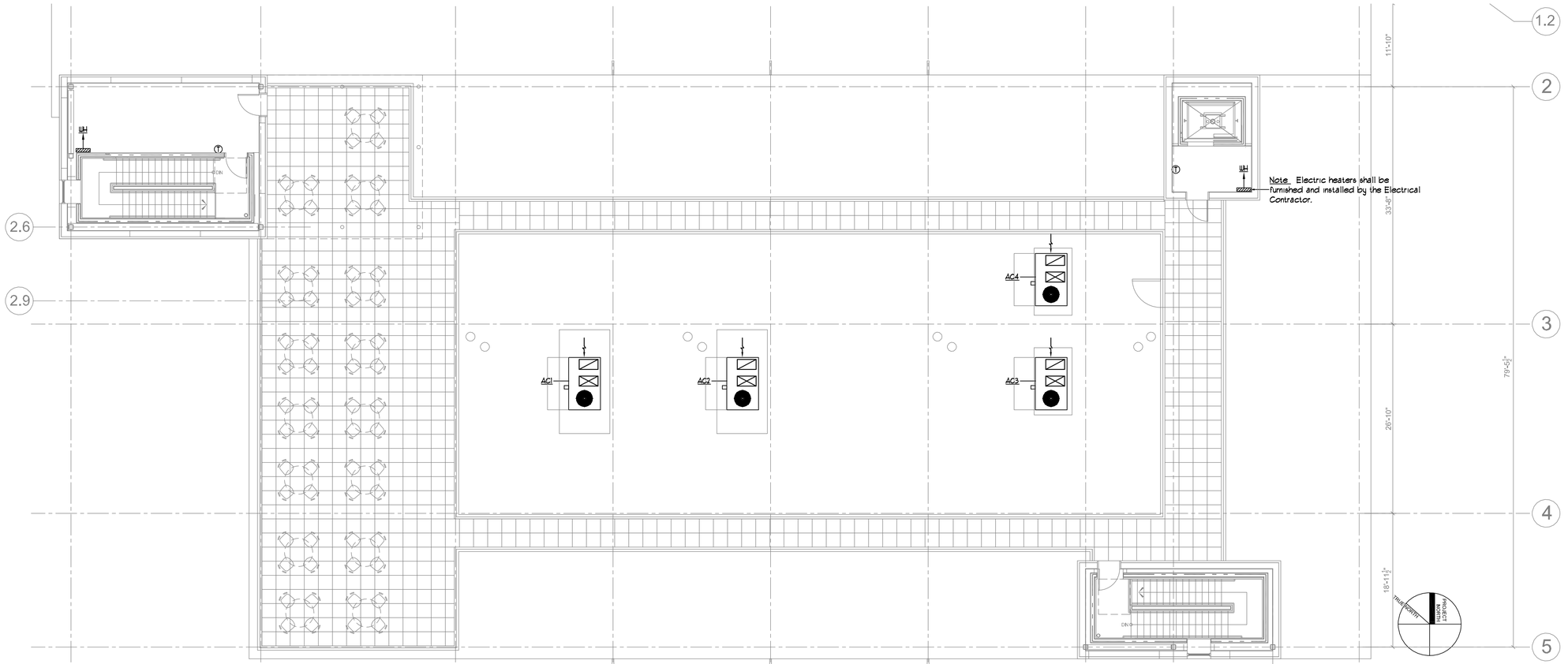


AIR DEVICE PERFORMANCE SCHEDULE

TAG	PANEL SIZE(IN)	NECK SIZE(IN)	AIRFLOW (CFM)	SP.LOSS (IN.W.G.)	THROW(L)	THROW(S)	Nc	BASIS OF DESIGN PRICE		
								DUCT CONN.(IN)	PATTERN	MODEL
A	-	6x6	150	0.05	-	-	25	SEE DWGS	SEE DWGS	AMX-5AL
B	-	9x9	300	0.05	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
C	-	12x12	400	0.05	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
D	-	15x15	700	0.05	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
AA	-	8x8	100	0.05	-	-	30	SEE DWGS	1/2", 45^	60DAL
BB	-	12x12	400	0.05	-	-	30	SEE DWGS	1/2", 45^	60DAL
CC	-	16x16	600	0.05	-	-	30	SEE DWGS	1/2", 45^	60DAL
DD	-	22x22	1200	0.05	-	-	30	SEE DWGS	1/2", 45^	60DAL
EE	-	8x8	75	0.05	-	-	30	SEE DWGS	-	-

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)		ELECTRICAL REQUIREMENTS			BASIS OF DESIGN MITSUBISHI		
								LIQUID	GAS	MCA	MAX FUSE	V/PH/HZ	SERVICE	ARRANGEMENT	MODEL
SAC1	11.9	290	2.1	1"	13.8	40	62	3/8	5/8	1.0	15.0	208/1/60	SERVER ROOM	WALL	FKA-A12FAL
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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			BASIS OF DESIGN MITSUBISHI			
							MCA	MOP	V/PH/HZ	-	SOUND (BEL)	SERVICE	MODEL
* SCU-1	11.9	R-410A	13.1	0°1	37x13	163	13.0	15.0	208/1/60	-	-	SAC-1	(M) PUY-A12NHA
-	-	-	-	-	-	-	-	-	-	-	-	-	-

* PROVIDE w/ LOW AMBIENT CONTROLS.

UNIT HEATER PERFORMANCE SCHEDULE

HEATING PERFORMANCE BASED ON 1000 BTU/CF N.G.

TAG	OUTPUT (MBH)	FLOW RATE (GPM)	W.P.D. (FT.W.G.)	AIRFLOW (CFM)	ROWS	MTG. HT.	ELECTRICAL REQUIREMENTS			BASIS OF DESIGN Reznor		
							HP	WATTS	V/PH/HZ	SERVICE	ARRANGEMENT	MODEL
UH1	49.8	-	-	769	-	9'-0"	0.03	-	120/1/60	-	HORIZONTAL	UDAP 60
-	-	-	-	-	-	-	-	-	-	-	-	-

PACKAGED ROOFTOP AC UNIT PERFORMANCE SCHEDULE

* - AT A.R.I. STANDARD CONDITIONS AND 95°F. OUTSIDE AMBIENT

TAG	NOMINAL COOLING (TONS)	MINIMUM O.A. (CFM)	MAXIMUM O.A. (CFM)	FAN	DRIVE	AIRFLOW (CFM)	GAS HEAT (Mbh out)	E.S.P. (IN. w.g.)	RPM	WT. (LBS)	ELECTRICAL REQUIREMENTS					TAG CLG COIL	TAG HEAT RECOV.	S.E.E.R. (BTUH/WATT)	BASIS OF DESIGN TRANE "PRECEDENT"	
											HP	BHP	MCA	MOCP	V/PH/HZ				SERVICE	MODEL
AC-1	15.0	750	5500	SUPPLY	BELT	5500	209.0	0.5	570	2366	2.0	1.9	72.0	90.0	208/3/60	CC-1	N/A	12.6	-	YHD180 (R410A)
				EXHAUST	-	-	-	-	-	-	-	-								
AC-2	10.0	400	3500	SUPPLY	BELT	3500	160.0	0.5	1364	1608	1½	1.7	46.1	60.0	208/3/60	CC-2	N/A	15.0	-	YHC120 (R410A)
				EXHAUST	-	-	-	-	-	-	-	-								
AC-3, 4	7½	300	2800	SUPPLY	BELT	2800	120.0	0.5	1068	1291	1.0	0.85	41.9	50.0	208/3/60	CC-3, 4	N/A	15.0	-	YHC092 (R410A)
				EXHAUST	-	-	-	-	-	-	-	-								

TAG	DISCHARGE SOUND POWER (dB RE 10^{-12} WATTS) OCTAVE BAND & CENTER FREQUENCY (HZ)							
	1	2	3	4	5	6	7	8
	63	125	250	500	1000	2000	4000	8000
AC-1	-	-	-	-	-	-	-	-
AC-2	-	-	-	-	-	-	-	-
AC-3, 4	-	-	-	-	-	-	-	-

Reviewed for Code Compliance
Inspections Division
Date: 06/08/16

STEPHEN P. DOEL
No. 13807
LICENSED
PROFESSIONAL ENGINEER
STATE OF MAINE

ADDITION TO BAYSIDE BOWL
ALDER STREET
PORTLAND, MAINE

CONSULTANTS:

BENNETT ENGINEERING
MECHANICAL • ELECTRICAL
(207) 865-9475

REVISIONS:
03/24/2016 PERMIT SET

DATE: 18 MAR 2016
PROJECT No. ...
DRAWN BY: SP Doel
CHECKED BY: SP Doel
SCALE: 1/8" = 1'-0" U.N.O.

SHEET TITLE:
MECHANICAL ROOF PLAN AND SCHEDULES

M1.3