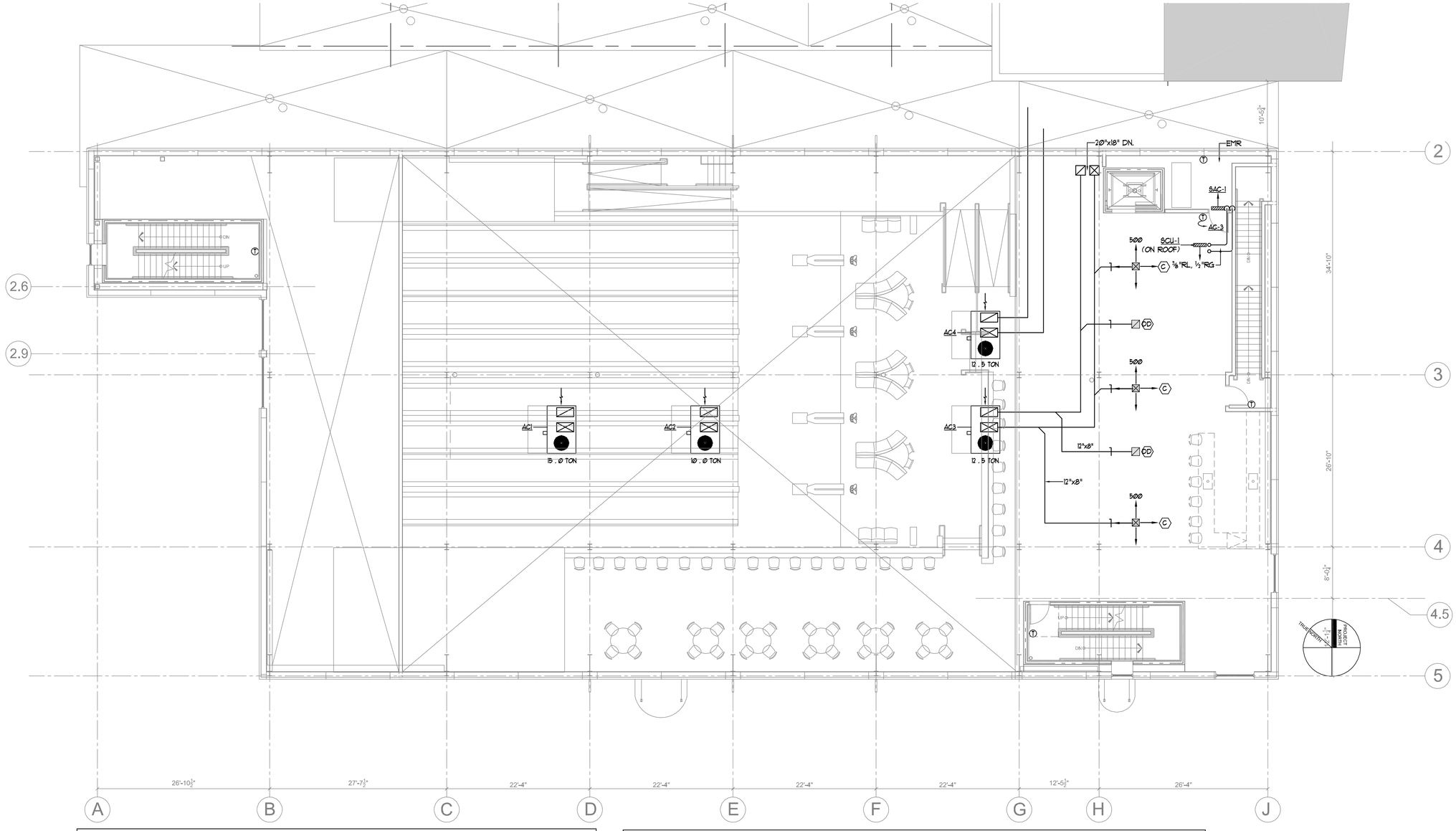
Reviewed for Code Compliance
Inspections Division
Date: 06/08/16



AIR DEVICE PERFORMANCE SCHEDULE

TAG	DUCT SIZE	NECK SIZE(IN)	AIRFLOW (CFM)	SP.LOSS (IN.WG.)	THROW(L)	THROW(S)	Nc	BASIS OF DESIGN PRICE		
								DUCT CONN.(IN)	PATTERN	MODEL
A	6"x6"	6x6	75-125	Ø . Ø5	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
B	9"x9"	9x9	350	Ø . Ø5	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
C	12"x12"	12x12	500	Ø . Ø5	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
D	15"x15"	15x15	600	Ø . Ø5	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
AA	6"x6"	6x6	50-125	Ø . Ø5	-	-	30	SEE DWGS	1/2", 45^	60DAL
BB	12"x12"	12x12	400	Ø . Ø5	-	-	30	SEE DWGS	1/2", 45^	60DAL
CC	16"x16"	16x16	600	Ø . Ø5	-	-	30	SEE DWGS	1/2", 45^	60DAL
DD	22"x22"	22x22	1500	Ø . Ø5	-	-	30	SEE DWGS	1/2", 45^	60DAL

Note Airflows indicated are maximums. See Drawings for actual airflows.

DX COOLING COIL PERFORMANCE SCHEDULE

TAG	TOTAL COOLING (MBH)	SENS. COOLING (MBH)	S.S.T. (DEG.F)	TYPE OF REFRIGERANT	AIRFLOW (CFM)	A.P.D (IN. WG.)	ROWS / FPF	E.A.T. D.B.(°F)	E.A.T. W.B.(°F)	L.A.T. D.B.(°F)	SERVICE
CC1	118 . Ø	138 . Ø	45	R-410A	5500	-	3	80	67	51 . Ø	AC1
CC2	113 . Ø	92 . 3	45	R-410A	3500	-	3	80	67	59 . Ø	AC2
CC3, 4	90 . 6	67 . Ø	45	R-410A	2800	-	3	80	67	59 . Ø	AC3, 4

Notes
1. Cooling performance based on 95°F. outside ambient.
2. Basis of design is Trane.

STATE OF MAINE
STEPHEN P. DOEL
No. 13507
LICENSED
PROFESSIONAL ENGINEER

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 SECOND FLOOR PLAN

M1.2