

**ADDITION TO BAYSIDE BOWL  
ALDER STREET  
PORTLAND, MAINE**

CONSULTANTS:



REVISIONS:  
03/24/2016 PERMIT SET

DATE: 18 MAR 2016

PROJECT No. ...

DRAWN BY: SP Doel

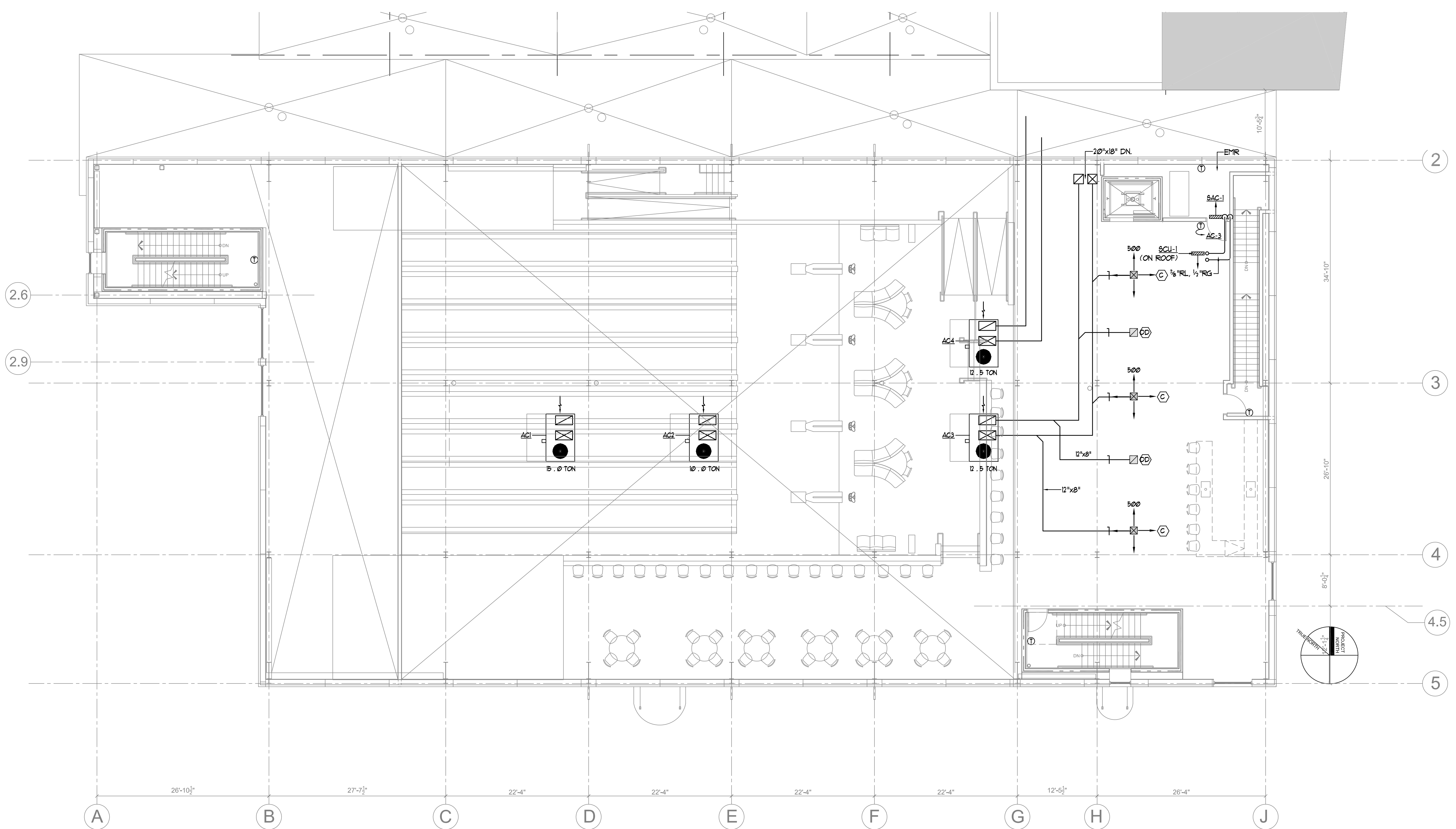
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SCALE: 1/8" = 1'-0" U.N.O.

SHEET TITLE:

MECHANICAL SECOND FLOOR PLAN

**M1.2**



**AIR DEVICE PERFORMANCE SCHEDULE**

TAG	DUCT SIZE	NECK SIZE (IN)	AIRFLOW (CFM)	SPLOSS (IN.WG)	THROW(L)	THROW(S)	Nc	BASIS OF DESIGN PRICE		
								DUCT CONN.(IN)	PATTERN	MODEL
AA	6"x6"	6x6	15-125	0.05	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
BB	9"x9"	9x9	350	0.05	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
CC	12"x12"	12x12	500	0.05	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
DD	15"x15"	15x15	600	0.05	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
AA	6"x6"	6x6	50-125	0.05	-	-	30	SEE DWGS	1/2", 45^A	60DAL
BB	12"x12"	12x12	400	0.05	-	-	30	SEE DWGS	1/2", 45^A	60DAL
CC	16"x16"	16x16	600	0.05	-	-	30	SEE DWGS	1/2", 45^A	60DAL
DD	22"x22"	22x22	1500	0.05	-	-	30	SEE DWGS	1/2", 45^A	60DAL

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

**DX COOLING COIL PERFORMANCE SCHEDULE**

TAG	TOTAL COOLING (Tons)	SENS. COOLING (Tons)	S.S.T. (DEG.F)	TYPE OF REFRIGERANT	AIRFLOW (CFM)	APD (IN. WG)	ROWS / FFF	EAT. D.B.(F)	EAT. W.B.(F)	LAT. D.B.(F)	SERVICE
CC1	118.0	138.0	45	R-410A	5500	-	3	80	61	51.0	AC1
CC2	113.0	92.3	45	R-410A	3500	-	3	80	61	59.0	AC2
CC3, 4	90.6	61.0	45	R-410A	2800	-	3	80	61	59.0	AC3, 4

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