

## FAN SCHEDULE

TAG	AREA SERVED	TYPE	CFM	SP	SONES	RPM	WATTS	HP	ELECTRIC	WEIGHT	REMARKS
EF-1	MEN'S TOILET	CEILING	110	0.1"	0.3	960	23	-----	120V-60-1P	11	SELF OPERATED WITH MOTION SENSING
EF-2	WOMEN'S TOILET	CEILING	110	0.1"	0.3	960	23	-----	120V-60-1P	11	SELF OPERATED WITH MOTION SENSING
SF-1	KITCHEN HOOD	WALL CENT.	3,300	1"	12.4	912	-----	1.1/2	208V-60-3P	210	OPERATE FROM HOOD CONTROLS

SOME RATINGS ARE MINIMUMS NOT TO BE EXCEEDED HVI SONE RATINGS WILL NOT BE ACCEPTED

## AIR HANDLING UNIT SCHEDULE

TAG	AREA SERVED	SUPPLY FAN				ELECTRIC	DIRECT EXPANSION COOLING COIL					O.A. CFM	WEIGHT (LBS)	REMARKS	
		CFM	ESP	RPM	HP		EDB	EWB	SENS.	TOTAL	LDB				LWB
AH-1	DINING AREAS	3,000	0.58"	816	1.50	208V-60-3P	80	67	67.93	89.54	59.50	57.59	780	360	HORIZONTAL UNIT / FLOOR MTD

## MAKEUP AIR UNIT SCHEDULE

TAG	AREA SERVED	SUPPLY FAN				ELECTRIC	HEATER					WEIGHT	REMARKS	
		CFM	ESP	RPM	HP		FUEL	BTU IN	BTU OUT	TEMP RISE	E.A.T.			L.A.T.
MU-1	KITCHEN	3,300	0.35"	714	1.5	208V-30-3P	N.G.	330,808	304,343	85.0	-10.00	75.00	879	SUSPENDED

## DUCT HEATER SCHEDULE

TAG	CFM	S.P.	BTU INPUT	BTU OUTPUT	SYSTEM POWER	UNIT AMPS	WEIGHT (LBS)	REMARKS
DH-1	3,000	0.40	175,000	140,000	120V-60-1P	1.5	216	NATURAL GAS FIRED, MODULATING

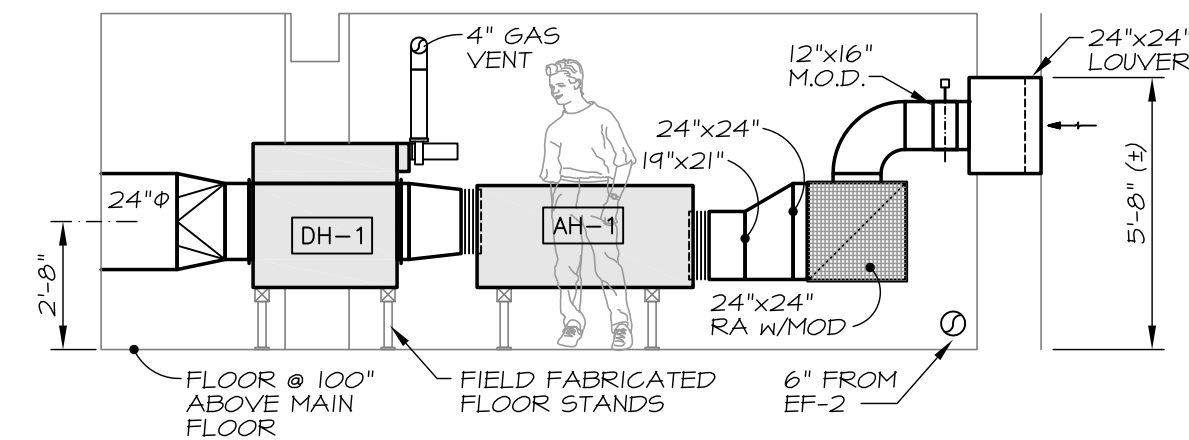
## COMPRESSOR/CONDENSER UNIT SCHEDULE

TAG	EQUIPMENT SERVED	NOMINAL BTU	AMBIENT TEMP.	COOLING CIRCUITS	SUCTION O.D.	LIQUID O.D.	ELECTRICAL			EER	REMARKS
							VOLTAGE	MCA	WATTS		
CC-1	AH-1	90,000	95	1	1.3/8"	5/8"	208V-60-3P	45	7,260	11.20	AIR COOLED

\* WITH MATCHED AIR HANDLER

## SYMBOLS AND ABBREVIATIONS

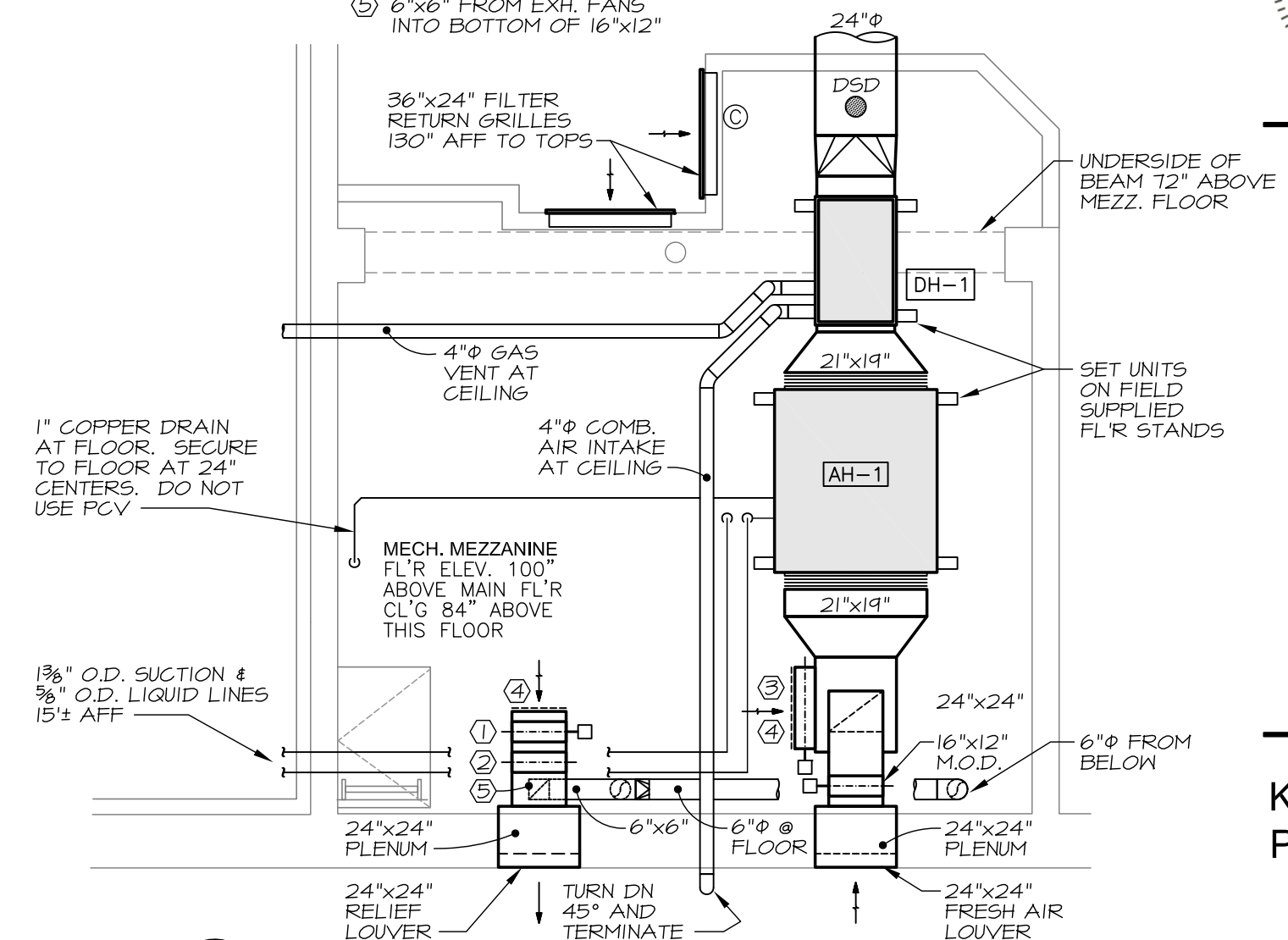
AC	AIR CONDITIONING	LAT	LEAVING AIR TEMPERATURE	— L —	REFRIGERANT LIQUID PIPING
AD	ACCESS DOOR	LDB	LEAVING DRY BULB	— S —	REFRIGERANT SUCTION PIPING
AFF	ABOVE FINISH FLOOR	LWB	LEAVING WET BULB	(T)	THERMOSTAT
AH	AIR HANDLER	MBH	THOUSAND BTU PER HOUR	(T)	THERMOSTAT WITH GUARD
AP	ACCES PANEL	MBV	MANUAL BALANCING VALVE	(S)	TEMPERATURE SENSOR
APD	AIR PRESSURE DROP	MD	MANUAL DAMPER	(L)	DOOR LOUVER
ATC	AUTOMATIC TEMP. CONTROL	MOD	MOTOR OPERATED DAMPER	(C)	CO <sub>2</sub> SENSOR
BD	BACKDRAFT DAMPER	MU	MAKEUP AIR UNIT	(C)	CO <sub>2</sub> SENSOR
CC	COMPRESSOR/CONDENSER UNIT	NG	NATURAL GAS	(C)	CO <sub>2</sub> SENSOR
CD	CONDENSATE DRAIN	NTS	NOT TO SCALE	(C)	CO <sub>2</sub> SENSOR
CFH	CUBIC FEET PER HOUR	OA	OUTDOOR AIR	(C)	CO <sub>2</sub> SENSOR
CFM	CUBIC FEET PER MINUTE	OD	OUTSIDE DIMENSION	(C)	CO <sub>2</sub> SENSOR
D	DRAIN	OD	OUTSIDE DIMENSION	(C)	CO <sub>2</sub> SENSOR
DH	DUCT HEATER	PC	PLUMBING CONTRACTOR	(C)	CO <sub>2</sub> SENSOR
DIW	DOWN IN WALL	R	RETURN	(C)	CO <sub>2</sub> SENSOR
DSD	DUCT SMOKE DETECTOR	RA	RETURN AIR	(C)	CO <sub>2</sub> SENSOR
EAT	ENTERING AIR TEMPERATURE	RG	RETURN/RELIEF GRILLE	(C)	CO <sub>2</sub> SENSOR
EC	ELECTRICAL CONTRACTOR	RIS	RUBBER-IN-SHEAR	(C)	CO <sub>2</sub> SENSOR
EDB	ENTERING DRY BULB	RL	REFRIGERANT LIQUID	(C)	CO <sub>2</sub> SENSOR
EF	EXHAUST FAN	RS	REFRIGERANT SUCTION	(C)	CO <sub>2</sub> SENSOR
EG	EXHAUST GRILLE	RR	RETURN REGISTER	(C)	CO <sub>2</sub> SENSOR
ER	EXHAUST REGISTER	S	SUPPLY	(C)	CO <sub>2</sub> SENSOR
ESP	EXTERNAL STATIC PRESSURE	SA	SUPPLY AIR	(C)	CO <sub>2</sub> SENSOR
EWB	ENTERING WET BULB	SG	SUPPLY GRILLE	(C)	CO <sub>2</sub> SENSOR
FC	FLEXIBLE CONNECTOR	SP	STATIC PRESSURE	(C)	CO <sub>2</sub> SENSOR
FV	FACE VELOCITY	SR	SUPPLY REGISTER	(C)	CO <sub>2</sub> SENSOR
GC	GENERAL CONTRACTOR	TC	TEMPERATURE CONTROL	(C)	CO <sub>2</sub> SENSOR
HC	HEATING CONTRACTOR	TG	TRANSFER GRILLE	(C)	CO <sub>2</sub> SENSOR
H&V	HEATING & VENTILATING	TSP	TOTAL STATIC PRESSURE	(C)	CO <sub>2</sub> SENSOR
HVAC	HEATING, VENTILATING AND AIR CONDITIONING	T'STAT	THERMOSTAT	(C)	CO <sub>2</sub> SENSOR
L	LOUVER	TV	TURNING VANE	(C)	CO <sub>2</sub> SENSOR
		UC	UNDERCUT	(C)	CO <sub>2</sub> SENSOR
		VI	VIBRATION ISOLATOR	(C)	CO <sub>2</sub> SENSOR



1 MECHANICAL MEZZANINE SECTION

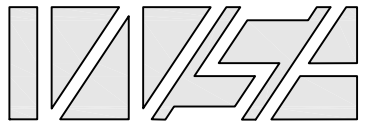
SCALE: 1/4" = 1'-0"

- 1 16"x12" M.O.D.
- 2 16"x12" B.D.
- 3 24"x24" M.O.D.
- 4 1/2" MESH GALV. SCREEN IN REMOVABLE FRAME
- 5 6"x6" FROM EXH. FANS INTO BOTTOM OF 16"x12"



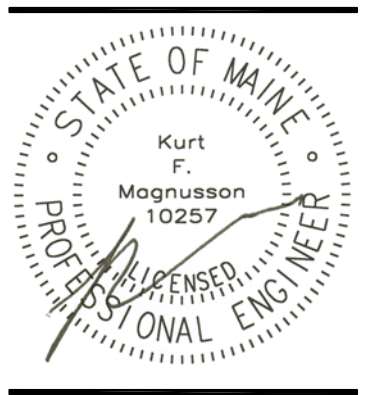
2 MECHANICAL MEZZANINE PLAN

SCALE: 1/4" = 1'-0"



Winton Scott Architects  
5 Milk Street  
Portland, Maine 04101  
207 774 4811  
www.wintonsscott.com

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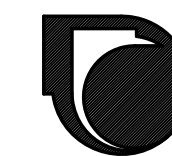


King's Head Pub

Merrill's Wharf  
Portland, Maine  
July 01, 2013

Mechanical  
Floor Plan  
& Schedules

Scale: Noted



MECHANICAL SYSTEMS ENGINEERS  
ROYAL RIVER CENTER, UNIT #10  
10 FOREST FALLS DRIVE  
YARMOUTH, MAINE 04096  
FACEBOOK: MECHANICAL SYSTEMS ENGINEERS  
207-846-1441  
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