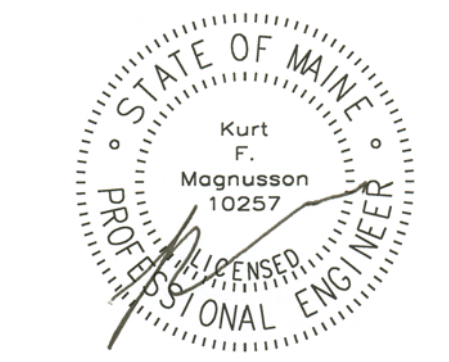




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Architecture / Planning
Preservation Architecture
Interior Architecture



AIR TERMINAL SCHEDULE						
TAG	MANUFACTURER & MODEL	SIZE	MAX NC	MAX SP	MAX CFM	REMARKS
D1	PRICE SMD6 3A	9"X9"	20	.07	282	SURFACE MOUNT, BEVELED FRAME, 3-WAY THROW
R1	PRICE 520SD	8"X6"	20	.07	132	DOUBLE DEFLECTION SUPPLY REGISTER WITH DAMPER
R2	PRICE 520SD	14"X8"	20	.07	333	DOUBLE DEFLECTION SUPPLY REGISTER WITH DAMPER
G1	PRICE 530	10"X8"	20	.07	200	45 DEGREE RETURN GRILLE FOR SURFACE MOUNT
G2	PRICE 530	12"X10"	20	.07	400	45 DEGREE RETURN GRILLE FOR SURFACE MOUNT

CONDENSING UNIT SCHEDULE								
TAG	MANUFACTURER AND MODEL	NOMINAL SIZE	REFRIGERANT	ELECTRIC			WEIGHT	REMARKS
				POWER	MCA	MOP		
CU-1	TRANE 4TTA3036A3	3.0 TONS	410A	208/60/3	15	25	229 LBS	MOUNT ON RUBBER ISOLATION PADS

FAN SCHEDULE								
TAG	MANUFACTURER & MODEL	TYPE	CFM	ESP	ELECTRIC		REMARKS	CONTROL
					POWER	FLA		
EF-1	NUTONE QTXEN110	CEILING	110	0.1"	115 / 60 / 1	0.4	MAXIMUM 0.7 SONE	LINE VOLTAGE HEATING COOLING TSTATS
EF-2	NUTONE QTXEN110S	CEILING	110	0.1"	115 / 60 / 1	0.4	HUMIDITY SENSING WITH ADJUSTABLE TIME-OFF DELAY	POWERED BY LIGHT CIRCUIT
EF-3	NUTONE QTXENO80	CEILING	80	0.1"	115 / 60 / 1	0.4	MAXIMUM 0.7 SONE	POWERED BY LIGHT CIRCUIT

GAS FURNACE SCHEDULE											
TAG	MANUFACTURER & MODEL	BTUH INPUT	BTUH OUTPUT	AFUE	FUEL	CFM	STAGES	E.S.P.	MOTOR HP	POWER	REMARKS
F-1	TRANE TUH2B060A936VA	60,000	57,600	96 %	NAT. GAS.	1,200	2-STAGE	0.75"	0.75	120/60/1	CONDENSING FURNACE SEALED COMBUSTION

COOLING COIL SCHEDULE					
TAG	MANUFACTURER & MODEL	SENSIBLE BTUH	TOTAL BTUH	SEER	REMARKS
CC-1	TRANE TO MATCH FURNACE AND MEET SEER SPECIFIED	100,000	93,000	13	HORIZONTAL CASED COIL WITH TX VALVE

SHEETMETAL NOTES
<ol style="list-style-type: none"> All ductwork to be fabricated and installed per SMACNA Low Pressure Ductwork Standards. Ductwork is shown diagrammatically and does not indicate all the offsets, rises and drops that will be required. All square elbows are to be installed with turning vanes. Flexible ductwork to be insulated with 1-1/2" fiberglass duct wrap with foil-faced vapor barrier. Flexible ductwork to be UL181 listed and limited to a maximum run of 6'-0". All supply ductwork above ceiling to be insulated with 1-1/2" fiberglass duct wrap with foil faced vapor barrier. Set condensing unit CU-1 on leveled pre-cast concrete pad.

PIPING NOTES
<ol style="list-style-type: none"> Piping is shown diagrammatically and does not indicate all the offsets, rises and drops that will be required. Condensate piping to be PVC Plastic. Provide cleanable trap at unit. connect condensate piping to furnace F-1 and cooling coil CC-1. Vent and combustion air to be PVC plastic. Terminate per manufacturer's recommendations. Provide Fire Stop collar at exit from 2-hour rated walls. all refrigerant piping to be type "K" copper or ACR tube. Insulate suction line with 3/4" closed cell insulation.

CONTROL NOTES
<ol style="list-style-type: none"> It will be the Mechanical Contractor's responsibility to provide and install all controls and all control wiring. All control wiring that is run in concealed spaces to be plenum rated. All control wiring that is run exposed shall be in electrical conduit provided and installed by the mechanical contractor. Room thermostats to be electronic non-programmable with cool/heat/auto/fan/ switch. Outside air damper to open whenever the indoor fan is energized. EF-1 to be energized by a call for heating or cooling (line voltage thermostat). See ATC specification in Project Manual for control system details.

GENERAL NOTES
<ol style="list-style-type: none"> All systems are to be to meet the following Codes and Standards. <ol style="list-style-type: none"> ASHRAE 90.1 2007 - Energy Standard for Commercial Buildings. ASHRAE 60.1 2007 - Standard for Indoor Air Quality in Commercial Buildings. 2009 IECC - International Energy Conservation Code. NFPA - National Fire Protection Association Standards. Do not cut any structural members with pre-approval of structural engineer.

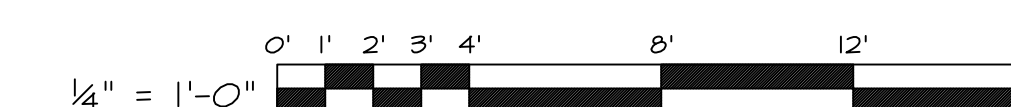
City of Portland
Fire Boat Crew
Quarters

Maine State Pier
Portland, Maine

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MECHANICAL
LEGENDS
NOTES

Scale: NO SCALE



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