	HVAC <u>UNIT SCHED</u> ULE																
TAG	MANUFACTURER AND MODEL NOMINAL SIZE CFM ESP ESP EFRIGERANT TOTAL SENSIBLE SEER FUEL INPUT OUTPUT STAGES					LECTRIC MCA	MOP	WEIGHT	REMARKS								
HVAC-I	TRANE YSC060	5 TONS	2,000	0.5"	DX 4IOA	59.1 MBH	48.1 MBH	13.0	NAT. GAS	80.0 MBH	64.0 MBH	2	208/60/3	27.4 CONFIR		613 LBS	WITH FACTORY DISCONNECT, ROOF CURB, ECONOMIZER, BAROMETRIC RELIEF, RETURN AIR SMOKE DETECTOR, THROUGH-THE-CURB ELECTRIC AND GAS

	HEAT RECOVERY UNIT SCHEDULE															
TAG	MANUFACTURER AND MODEL	RECOVERY	EFFECTIVENESS			WINTER O.A.		EXHAUST AND SUPPLY		ELECTRIC		WEIGHT	REMARKS			
TAG	MANOFACTORER AND MODEL	TYPE	SENSIBLE	WINTER	SUMMER	TEMP.	GRAINS	EXHAUST	SUPPLY	POWER	FLA	MCA	MOP	WEIGHT	LEMARKS	
ERV-I	RENEWAIRE HEIXIN ECM	CORE	72%	68%	58%	-5	2.5	700	750	208/60/1	5.1	11.5	15	211 LBS	WITH MERV 8 2" PLEATED FILTERS, FUSED DISCONNECT, MOTORIZED FA&EA DAMPERS AND ECM MOTORS	
ERV-2	RENEWAIRE HEIXIN ECM	CORE	72%	68%	58%	-5	2.5	700	750	208/60/1	5.1	11.5	15	211 LBS	WITH MERV 8 2" PLEATED FILTERS, FUSED DISCONNECT, BACK DRAFT DAMPERS AND ECM MOTORS	
ERV-3	RENEWAIRE HEIXIN ECM	CORE	72%	68%	58%	-5	2.5	700	750	208/60/1	5.1	11.5	15	211 LBS	WITH MERV 8 2" PLEATED FILTERS, FUSED DISCONNECT, BACK DRAFT DAMPERS AND ECM MOTORS	
ERV-4	RENEWAIRE HEIXIN ECM	CORE	72%	68%	58%	-5	2.5	700	750	208/60/1	5.1	11.5	15	211 LBS	WITH MERV 8 2" PLEATED FILTERS, FUSED DISCONNECT, BACK DRAFT DAMPERS AND ECM MOTORS	

FIELD CONFIRM

	FAN SCHEDULE											
TA	٨G	MANUFACTURER & MODEL	TYPE	CFM EXHAUST	ESP	WEIGHT	ELECTRIC POWER HP		REMARKS	CONTROL		
EF	=-	GREENHECK RBU301H	AXIAL UPBLAST	10,000	0.2"	200 LBS	208/60/3	1.0	WITH INSULATED ROOF CURB, NEMA DISCONNECT	ENERGIZED BY CO, NO2 AND/OR WALL SWITCH		
EF	2	GREENHECK RBU301H	AXIAL UPBLAST	10,000	0.2"	200 LBS	208/60/3	1.0	WITH INSULATED ROOF CURB, NEMA DISCONNECT	ENERGIZED BY CO, NO2 AND/OR WALL SWITCH		
EF	-3	GREENHECK RBU301H	AXIAL UPBLAST	10,000	0.2"	200 LBS	208/60/3	1.0	WITH INSULATED ROOF CURB, NEMA DISCONNECT	ENERGIZED BY CO, NO2 AND/OR WALL SWITCH		
EF	-4	GREENHECK SEI2	PROPELLER	750	0.2"	200 LBS	115/60/1	1/12	WITH GRAVITY SHUTTER AND WALL COLLAR	ON WITH DISCONNECT SWITCH 24/7/365		
EF	-5	GREENHECK SEI2	PROPELLER	750	0.2"	200 LBS	115/60/1	1/12	WITH GRAVITY SHUTTER AND WALL COLLAR	ON WITH DISCONNECT SWITCH 24/7/365		
EF	-6	GREENHECK SEI2	PROPELLER	750	0.2"	200 LBS	115/60/1	1/12	WITH GRAVITY SHUTTER AND WALL COLLAR	ON WITH DISCONNECT SWITCH 24/7/365		

		AIR TERMINAL SCHEDULE							
TAG	MANUFACTURER & MODEL	SIZE	MAX NC	MAX SP	REMARKS				
DI	PRICE SMD3P	6"X6"	20	.07	T-BAR MOUNT CEILING DIFFUSER - 4-WAY THROW				
D2	PRICE SMD3P	9"X9"	20	.07	T-BAR MOUNT CEILING DIFFUSER - 4-WAY THROW				
D3	PRICE SMD3P	12"XI2"	20	.07	T-BAR MOUNT CEILING DIFFUSER - 4-WAY THROW				
D4	PRICE SMDIS	12"XI2"	20	.07	T-BAR MOUNT CEILING DIFFUSER - 2-WAY OPPOSITE THROW				
RI	PRICE 5205	18"XI2"	20	.07	DOUBLE DEFLECTION SUPPLY GRILLE				
Gl	PRICE 530	10"X8"	20	.07	45 DEGREE RETURN GRILLE FOR SURFACE MOUNT				
<i>G</i> 2	PRICE 530	14"XIO"	20	.07	45 DEGREE RETURN GRILLE FOR SURFACE MOUNT				
G3	PRICE 530	22"X22"	20	.07	45 DEGREE RETURN GRILLE FOR LAY-IN T-BAR MOUNT				

	ELECTRIC WALL HEATERS											
TAG	MANUFACTURER & MODEL	TYPE	WATTS	втин	ELECTRIC	;	CONTROL					
IAG	MANOTACTONEN & MODEL	111 L	WATTS		POWER	AMPS	CONTROL					
MH-I	MARKEL F3422T	HEAVY DUTY FAN FORCED WALL HEATER	2000	6826	208/60/1	9.6	BUILT-IN TAMPER PROOF THERMOSTAT					
MH-2	MARKEL F3422T	HEAVY DUTY FAN FORCED WALL HEATER	2000	6826	208/60/1	9.6	BUILT-IN TAMPER PROOF THERMOSTAT					
			FIELD CON	IFIRM								

FIELD CONFIRM

SHEETMETAL LEGEND 4-WAY CEILING SUPP;LY DIFFUSER., T-BAR LAY-IN RETURN OR EXHAUST INLET, T-BAR LAY-IN RETURN OR EXHAUST INLET, SURFACE MOUNT 45 DEG. TAKEOFF 45 DEG. TAKEOFF WITH HEAVY DUTY 24 GA DAMPER AND CLOSED END BEARING BELLMOUTH TAKEOFF BELLMOUTH TAKEOFF WITH HEAVY DUTY 24 GA. DAMPER AND CLOSED END BEARING UL LISTED FLEXIBLE DUCTWORK. INSULATED 1-1/2". MAXIMUM RUN LENGTH 6'-0" MOTORIZED DAMPER MANUAL DAMPER - LOCKING QUADRANT THERMOSTAT CONNECT TO EXISTING

DEDUCT IN ALTERNATE #I ERV-2,3\$4

ADD IN ALTERNATE #I EF-4,5 \$ 6

GENERAL NOTES

- I. All systems are to be to meet the following Codes and I.I. ASHRAE 90.1 2007 - Energy Standard for Commercial Buildings.
- 1.2. ASHRÁE 60.1 2007 Standard for Indoor Air Quality in
- Commercial Buildings.

 1.3. 2009 IECC International Energy Conservation Code.

 1.4. NFPA National Fire Protection Association Standards.
- 2. Do not cut any structural members with pre-approval of structural engineer.

SHEETMETAL NOTES

- 1. 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.
- 3. All square elbows are to be installed with turning vanes.
- Flexible ductwork to be insulated with I-I/2" fiberglass duct wrap with foil-faced vapor barrier. Flexible ductwork to be ULI81 listed and limited to a maximum run of 6'-0".
- 5. All supply and fresh air ductwork to be insulated with 1-1/2" fiberglass duct wrap with foil faced vapor barrier.
- 6. All outside air ductwork to be 3" fiberglass duct wrap with foil-faced vapor barrier.

GAS PIPING NOTES

- Piping is shown diagrammatically and does not indicate all the offsets, rises and drops that will be required.
- 2. Gas piping to be schedule 40 black iron.
- 3. Provide and install a vent limited gas pressure regulator in gas line. 2 psi to 7" w.c.
- 4. Provide and install a gas cock and drip leg at HVAC-l
- 5. Paint all new gas piping with Yellow Rustoleum Paint. Every 20' stencil or use Setan Label "Natural Gas"

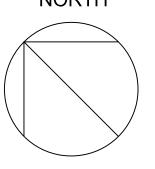
CONTROL NOTES

- It will be the Mechanical Contractor's responsibility to provide and install all controls and all control wiring.
- 2. 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
- 4. All thermostats to be electronic programmable with 7-day programming.
- 5. See Specifications for control sequence.

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Architecture / Planning Preservation Architecture Interior Architecture

NORTH





City of Portland Public Facilities Operation

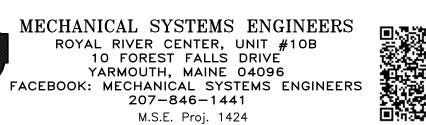
212 Canco Rd Portland, Maine

REVISIONS

ISSUED FOR CONSTRUCTIN August 25, 2014

Mechanical Schedules Mechanical Notes Mechanical Legends

Scale: NO SCALE



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