



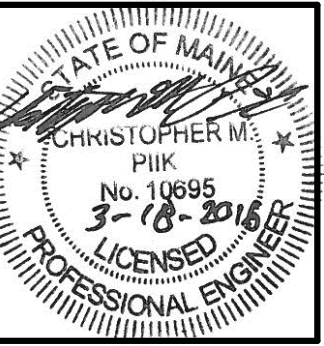
48 DARTMOUTH STREET
PORTLAND, MAINE 04101
207-775-1059
www.pdtarch.com

COPYRIGHT 2016
PDT Architects
Re-use or reproduction of the
contents of this document is not
permitted without written
permission of PDT Architects.

PORTLAND GASTROENTEROLOGY CENTER
161 Marginal Way - Portland, Maine 04101

No. | Date | Description

Revision Schedule



JOB NO.
195210852

DRWN. CHK
ERW. CMP

SCALE:

ISSUE
PERMIT SET
3/18/2016

TITLE
HVAC
SCHEDULES

SHEET

M601

FAN SCHEDULE

Table with columns: MARK, LOCATION, AREA AND/OR BLDG SERVED, SYSTEM AND/OR SERVICE, AIR FLOW (CFM, [L/s]), TSP (IN, [Pa]), FAN (TYPE, WHEEL, CLASS, ARRANGEMENT, ROTATION, AND DISCHARGE), DIAMETER (IN, [mm]), MIN % EFF, DRIVE, FAN MAX RPM, MOTOR ELECTRICAL (BHP, HP, [kW], PHASE, VOLT, RPM, ENC, SPEED CONTROL), CONTROL SEQUENCE, MANUFACTURER AND MODEL, REMARKS.

- 1. PROVIDE WITH DISCONNECT MOUNTED AND WIRED.
2. PROVIDE FAN SPEED CONTROLLER

DIFFUSER AND GRILLE SCHEDULE

Table with columns: TAG, FUNCTION, TYPE, MOUNTING, CFM RANGE, NECK SIZE, DUCT CONNECTION, MAX NC, STYLE (FACE TYPE, FACE BAR, DAMPER, MTL, FINISH), REMARKS, BASED ON MFR/MODEL.

- 1. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL REGISTERS, GRILLES & DIFFUSERS
2. REFER TO FLOOR PLAN DRAWINGS FOR CFMS
3. SUPPLY DIFFUSERS ARE 4-WAY AIR BLOW PATTERN UNLESS SHOWN OTHERWISE ON PLAN DRAWINGS. USE SURFACE MOUNT WHERE NEEDED.
4. COORDINATE COLOR AND FINISH WITH ARCHITECT.
5. COORDINATE FINAL MOUNTING TYPE (SURFACE, LAY-IN) WITH ARCHITECTURAL REFLECTED CEILING PLAN.
6. PROVIDE LINEAR SLOT DIFFUSERS WITH ENGINEERED PLENUM

NEW PACKAGED ROOFTOP AIR HANDLING UNIT WITH HOT WATER HEAT

Table with columns: TAG, SUPPLY FAN DATA, EXHAUST FAN, COOLING DATA, CONDENSER DATA, HOT WATER COIL AT_CFM, ELECTRICAL, REMARKS / ACCESSORIES, BASED ON MFR/MODEL.

- 1. INTELL IPAK BOTTOM SUPPLY AND RETURN, R410A REFRIGERANT
2. 12" CARTRIDGE FILTERS MERV14 WITH 2" PREFILTERS MERV 7
3. 20HP SUPPLY FAN WITH VFD, 5HP POWER EXHAUST WITH VFD
4. 0 TO 100% COMPARATIVE ENTHALPHY ECONOMIZER WITH TRAD AND DCV
5. HOT WATER COIL WITH 1" VALVE

EXISTING PACKAGED ROOFTOP AIR HANDLING UNIT WITH HOT WATER HEAT

Table with columns: TAG, SUPPLY FAN DATA, EXHAUST FAN, COOLING DATA, CONDENSER DATA, HOT WATER COIL AT_CFM, ELECTRICAL, REMARKS / ACCESSORIES, BASED ON MFR/MODEL.

- 1. INTELL IPAK BOTTOM SUPPLY AND RETURN, R22 REFRIGERANT
2. 12" CARTRIDGE FILTERS MERV14 WITH 2" PREFILTERS MERV 7
3. 30HP SUPPLY FAN WITH VFD, 15HP POWER EXHAUST WITH VFD
4. 0 TO 100% ECONOMIZER
5. HOT WATER COIL WITH 1-1/4" VALVE

STEAM HUMIDIFIER SCHEDULE

Table with columns: MARK, LOCATION, SYSTEM AND/OR SERVICE, HUMIDIFIER TYPE, AIR FLOW, # OF MANIFOLDS, EAT (Db, Wb, Dewpoint), LAT (Dewpoint), SOURCE, STEAM FLOW, CONTROL TYPE, NAT GAS, MANUFACTURER AND MODEL, REMARKS.

- 1. MAXIMUM WATER PRESSURE DROP THROUGH REHEAT COIL IS 7 FT.
2. ENTERING WATER TEMPERATURE IS 180 DEG F. LEAVING WATER TEMPERATURE IS 160 DEG F.
3. WATER CONTAINS 0% GLYCOL.
4. MAXIMUM AIR PRESSURE DROP WITHOUT REHEAT IS 0.10" WG.
5. MAXIMUM AIR PRESSURE DROP WITH REHEAT IS 0.25" WG.
6. MAXIMUM SOUND LEVEL OF NC-25 RADIATED AND DISCHARGE.
7. FOIL-FACED INSULATION R-3.

DUCTLESS SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE

Table with columns: INDOOR UNIT TAG, OUTDOOR UNIT TAG, ROOM SERVED, TYPE, FUNCTION, INDOOR DX FAN COIL (CFM, LO-MED-HI, SIZE), COOLING CAPACITY (MIN (BTU), MAX (BTU), TOTAL (BTU)), HEATING DATA (TOTAL (BTU)), OUTDOOR CONDENSING UNIT (SIZE/WEIGHT, COMPRESSORS, FANS), VOLTAGE, PHASE, ELECTRICAL DATA (INDOOR UNIT (A/HP), OUTDOOR UNIT (A/HP)), MOP, NOTES, BASED ON MFR/MODEL.

- 1. PROVIDE UNITS WITH UNIT MOUNTED DISCONNECT SWITCH, CONDENSATE PUMP. COORDINATE WITH ELECTRICAL CONTRACTOR.
2. PROVIDE ULTRA LOW AMBIENT COOLING KIT WITH WIND BAFFLE
3. PROVIDE UNITS WITH REMOTE THERMOSTATS.
4. PROVIDE UNITS WITH ELECTRONIC STAND ALONE CONTROLS.
5. PROVIDE WIRED REMOTE CONTROLLER PAR-21MAU
6. PROVIDE OUTDOOR UNIT MOUNTING BASE DSD-400N
7. PROVIDE MINI CONDENSATE PUMP S13100-230
8. SEACOAST PROTECTION PACKAGE
9. QUANTITY & SIZE OF REFRIGERANT LINES SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.



Stantec Consulting Services Inc.
482 Payne Road Scarborough Court
Scarborough, ME 04074-8929
Tel: (207) 883-3355 / Fax: (207) 883-3376
www.stantec.com