CONDENSATE TRAP DETAIL

NTS

NOTE - CAP UNUSED DRAIN PAN CONNECTIONS.

RECT. ELBOW W/TURNING VANES

NTS

NOTE INSTALL VANE EDGES TO PROJECT TANGENTS PARALLEL TO DUCT SIDES.

OFFSET TYPE 1 (ANGLED)

NTS

CONCENTRIC TRANSITION

NTS

RADIUS ELBOW

NTS

RECTANGULAR TAP 45 DEGREE ENTRY

NTS

OFFSET TYPE 2 (MITERED)

NTS

ECCENTRIC TRANSITION

NTS

LOW PRESSURE DUCT CONSTRUCTION DETAILS - TYPICAL

NTS

UPFEED GAS PIPING CONNECTION DETAIL

NTS

NOTE APPLIANCES WITH REGULATORS LOCATE PIPING SHOWN HEREIN UPSTREAM OF THE APPLIANCE REGULATOR. PROVIDE A TEST PLUG DOWNSTREAM OF THE APPLIANCE REGULATOR.

DOWNFEED GAS PIPING CONNECTION DETAIL

NTS

NOTE APPLIANCES WITH REGULATORS LOCATE PIPING SHOWN HEREIN UPSTREAM OF THE APPLIANCE REGULATOR. PROVIDE A TEST PLUG DOWNSTREAM OF THE APPLIANCE REGULATOR.

WATER ENTRANCE DETAIL

ALIGN OVERHEAD DOOR WITH EXISTING CURB CUT

PACKAGED ROOFTOP UNIT PERFORMANCE SCHEDULE

* - (NET) AT 95°F AMBIENT
** - SEER

TAG	NOMINAL COOLING (TONS)	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	EDB/EWB (°F)	TOTAL AIRFLOW (CFM)	E.S.P. (INWG)	SUPPLY FAN RPM	MINIMUM O.A. (CFM)	EER (BTUH/WATT)	HEAT FUEL	HEATING INPUT (MBH)	WEIGHT W/ CURB (LBS)	TYPE OF REFRIGERANT	ELECTRICAL REQUIREMENTS				BASIS OF DESIGN - TRANE	
														FLA	MCA	MOCP	V/PH/HZ	SERVICE	MODEL
HVAC-1	5.0	58.4	38.8	80.1/67.3	1900	0.75	1091	665	13.0**	GAS	130.0	1150	R-410a	-	27.4	40.0	208/3/60	TENANT SPACE	YSC060

PROVIDE UNITS WITH ENTHALPY ECONOMIZER WITH BAROMETRIC RELIEF, MODULATING GAS HEAT WITH STAINLESS STEEL HEAT EXCHANGER.

NOTE - STUB SUPPLY AND RETURN DUCTS INTO SPACE. PROVIDE DUCT SMOKE DETECTORS ON SUPPLY AND RETURN DUCT FOR ALL SYSTEMS EXCEEDING 2000 CFM.

NOTE - SANITARY, GREASE WASTE AND RWL PIPING SHALL BE SCHEDULE 40 PVC

BFP PERFORMANCE SCHEDULE

TAG	SIZE	FLOW RATE (GPM)	WPD (PSI)	MAX. WORKG. TEMPERATURE (DEGREES F)	MAX. WORKG. PRESSURE (PSI)	TESTABLE (Y) OR (N)	BASIS OF DESIGN - ZURN-WILKINS	
							BODY STYLE*	SERVICE
BFP-1	1"	50.0	18.0	180	175	Y	RPZ	WATER ENTRANCES (MULTIPLE)

MECHANICAL PLAN

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

ADJACENT BUILDING

Prepared For: NORTHLAND MANAGEMENT CORP. 17 South Street, 3rd Floor Portland, ME 04101

Consultant: BENNETT ENGINEERING

Architect: 48 Union Wharf Portland, Maine 04101 (207) 773-6022 ARCHITECT@ARCHITECT123.COM

Project: 200 KENNEBEC

Revisions:

Date: 11/11/2016

Scale: As indicated

WAREHOUSE MECHANICAL AND PLUMBING PLAN

M1.01

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 09/25/17

CITY OF PORTLAND, MAINE