

BOILERS SCHEDULE

DESIG.	MANUF.	MODEL No.	LOCATION	WORKING PRESSURE (MAX) (PSI)	EWT 'F (°F)	LWT 'F (°F)	FLOW (GPM)	SUPPLY CONN. (IN)	THERMAL EFFICIENCY (% EFF.)	FUEL	NATURAL GAS (MBH)		ELECTRICAL			FLUE CONNECTION (IN)	COMBUSTION AIR CONNECTION (IN)	OPERATING WEIGHT (LBS)	REMARKS
											GAS INPUT (MBH)	GROSS OUTPUT (MBH)	VOLTAGE	Ø	FREQ.				
B-1	LAARS	NTH210	BOILER ROOM	30	160	180	20	1½	80	NAT. GAS	210	184	120	1	60	8	8	235	SEE NOTES BELOW

NOTES:
 1. CATEGORY 1, DOUBLE WALL, WELDED STAINLESS STEEL VENTING, SIZED PER NFPA 54.
 2. PROVIDE WITH MANUAL RESET LOW WATER CUTOFF.
 3. PROVIDE WITH ALARM BELLS OR HORN.
 4. PROVIDE WITH CONTROL PANEL MOUNTED ON BOILER.
 5. PROVIDE WITH PRESSURE SAFETY RELIEF VALVE SET AT 30 PSIG.
 6. INTERMITTENT ELECTRONIC IGNITION SYSTEM.

PUMP SCHEDULE

DESIG.	LOCAT.	SERVICE	GPM	TOTAL HEAD (FT)	MOTOR		ELECTRICAL			MANUF.	MODEL #	REMARKS
					RPM	HP	VOLTAGE	Ø	FREQ.			
P-1	BOILER ROOM	BOILER	38	34	3400	½	208	1	60	ARMSTRONG	E8.2	SEE NOTES BELOW

NOTES:
 1. SEE MECHANICAL SPECIFICATIONS FOR MORE INFORMATION.
 2. STARTERS, DISCONNECT SWITCHES, AND LOCATED WITHIN SIGHT OF PUMPS.
 3. COORDINATE WITH MANUFACTURER FOR INLET AND OUTLET CONNECTIONS WITH DESIGN PIPE SIZE.
 4. MECHANICAL CONTRACTOR TO COORDINATE WITH MANUFACTURER TO ENSURE PROPER INSTALLATION.
 5. PROVIDE SUCTION DIFFUSERS AND MULTI-PURPOSE VALVES ON PUMP SUCTIONS AND DISCHARGES.

EXPANSION TANK

DESIG.	MANUF.	MODEL No.	LOCATION	VOL. (GAL.)	CHARGE PRESS. (PSI)	MAX WORKING PRESS. (PSI)	MAX WORKING TEMP. (°F)	TANK WEIGHT (LBS)	REMARKS
ET-1	HG SPEC	HGT-30	BOILER ROOM	4.8	12	115	240	9	SEE NOTES BELOW

NOTES:
 1. EXPANSION TANK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION VIII OF THE ASME BOILER & PRESSURE VESSEL CODE AND STAMPED 125 PSIG WORKING PRESSURE.
 2. PROVIDE WITH BUTYL RUBBER DIAPHRAGM AND CHARGING VALVE.

AIR / DIRT SEPARATOR SCHEDULE

DESIG.	MANUF.	MODEL No.	LOCATION	MAX FLOW (GPM)	MAX WORKING PRESSURE (PSIG)	MAX OPERATING TEMPERATURE (°F)	TANK DIAMETER (IN)	TANK HEIGHT (IN)	PIPE CONNECTIONS (IN)	WEIGHT	REMARKS
AS-1	CALEFFI	NA551001A	BOILER ROOM	36.4	150	250	-	8-½	1-½	4.9	SEE NOTES BELOW

NOTES:
 1. PROVIDE COPPER COALESCING MEDIUM.
 2. PROVIDE FLANGED CONNECTIONS AT HYDRONIC PIPING CONNECTIONS.
 3. PROVIDE 1" BLOWDOWN LINE WITH VALVE TO NEAREST FLOOR DRAIN.
 4. PROVIDE AUTOMATIC AIR VENT WITH BRASS HEAD.
 5. AIR/DIRT SEPARATOR SHELL CASING SHALL BE COMPOSED OF STEEL AND BEAR THE ASME PRESSURE VESSEL STAMP.

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Issue	Date	Issue	Date
A. ISSUE FOR LL REVIEW & HISTORIC REVIEW	07/10/2015		
B. ISSUE FOR DEMO PERMIT	07/20/2015		
C. ISSUE FOR PERMIT	07/24/2015		

Project:
 FAT FACE PORTLAND
 34 EXCHANGE STREET
 PORTLAND, ME 04104

Drawing Title
 H.V.A.C. SCHEDULE
 SHEET 2 OF 2

Project No.	Drawn By	Date	Scale
15.102.00			---

Seal: MS Floor(s):



Drawing No. M-601