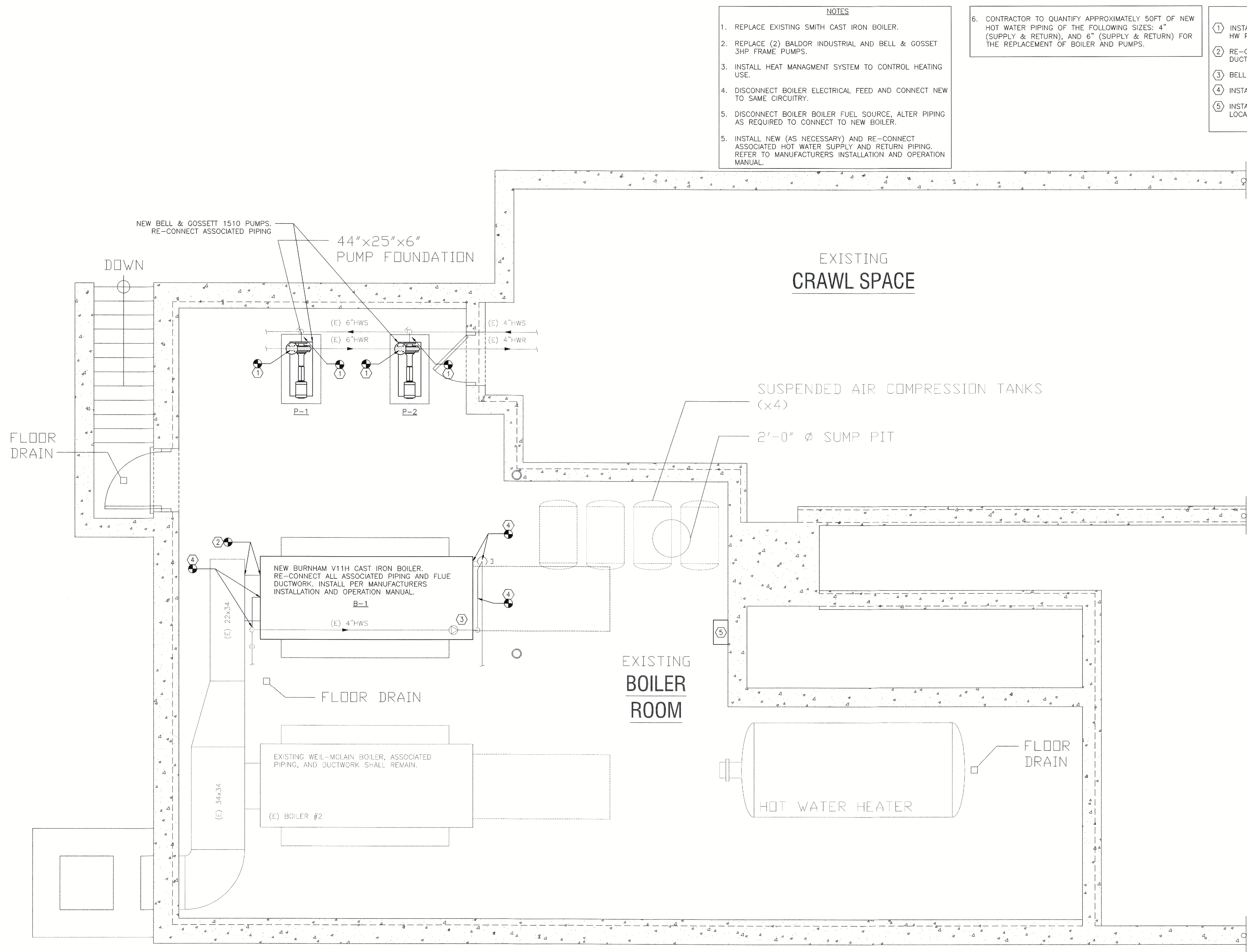




- NOTES
1. REPLACE EXISTING SMITH CAST IRON BOILER.
 2. REPLACE (2) BALDOR INDUSTRIAL AND BELL & GOSSET 3HP FRAME PUMPS.
 3. INSTALL HEAT MANAGMENT SYSTEM TO CONTROL HEATING USE.
 4. DISCONNECT BOILER ELECTRICAL FEED AND CONNECT NEW TO SAME CIRCUITRY.
 5. DISCONNECT BOILER BOILER FUEL SOURCE, ALTER PIPING AS REQUIRED TO CONNECT TO NEW BOILER.
 6. CONTRACTOR TO QUANTIFY APPROXIMATELY 50FT OF NEW HOT WATER PIPING OF THE FOLLOWING SIZES: 4" (SUPPLY & RETURN), AND 6" (SUPPLY & RETURN) FOR THE REPLACEMENT OF BOILER AND PUMPS.

- KEY NOTES
1. INSTALL NEW 2-1/2" BALL VALVE AND VERTICAL HW PIPING.
 2. RE-CONNECT NEW BOILER FLUE TO EXISTING MAIN DUCT.
 3. BELL & GOSSETT CIRCULATOR PUMP TO REMAIN.
 4. INSTALL NEW HW PIPING.
 5. INSTALL NEW HEAT MANAGEMENT SYSTEM. EXACT LOCATION SHALL BE CONFIRMED.

BOILER SCHEDULE											
MARK	BOILER HORSEPOWER (WATER BHP)	GROSS OUTPUT (WATER MBH)	NET H=B-R RATING (WATER MBH)	BURNER INPUT (OIL GPH)	HEATING SURFACE (SQ. FT.)	NET FIREBOX VOLUME (CU. FT.)	PRESSUR E IN FIREBOX (IN. W.C.)	WATER CONTENT (GALLONS)	WEIGHT W/ WATER (LBS.)	VENT DIAM. (IN.)	MAKE / MODEL #
B-1	110.1	3685	3204	30.8	379.6	45	0.44	241	9831	16	BURNHAM / KV1118H-WNP
NOTE: 1. 50 PSI RELIEF VALVE. 2. 63M LOW WATER CUTOFF. 3. OIL POWER FLAME BURNER 208V/3PH 4. PROVIDE HEAT MANAGEMENT SYSTEM TO CONTROL HEATING USE.											

PUMP SCHEDULE												
MARK	LOCATION	CIRCULATING FLUID					STANDARD SEAL TEMPERATURE RATING	ELECTRICAL MOTOR				MANUFACTURER / MODEL NO.
		FLUID	MIN FLOW GPM	MAX FLOW GPM	MIN HEAD FT	MAX HEAD FT		NOMINAL POWER HP	PHASE	VOLT	MAX RPM	
P-1	MECHANICAL ROOM	WATER	45	[90]	250	425	225	7.5	3	208	1800	BELL & GOSSETT / 1510 SERIES 2-1/2 BB
P-2	MECHANICAL ROOM	WATER	45	[90]	250	425	225	7.5	3	208	1800	BELL & GOSSETT / 1510 SERIES 2-1/2 BB



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PORT CHESTER HOUSING AUTHORITY - BOILER REPLACEMENT
9 WEBER DRIVE, PORT CHESTER, NY 10573

Job Number: -

Job Start Date: 6/13/22

Issue:	Date:
REVIEW	6/16/22
PERMIT	7/15/22
ISSUED FOR BID	9/1/22

Drawn By: J.E.Q. Checked By: D.M.D.

Sheet Title: WEBER DRIVE BOILER ROOM PLAN

Scale: 3/8" = 1'-0"

Sheet Number: M-100