JOHN BARRY ELEMENTARY SCHOOL

John Barry Elementary School

BOILER REPLACEMENT

124 COLUMBIA STREET
MERIDEN, CONNECTICUT 06451

M/E/P ENGINEER
BEMIS ASSOCIATES LLC
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FARMINGTON,CONNECTICUT
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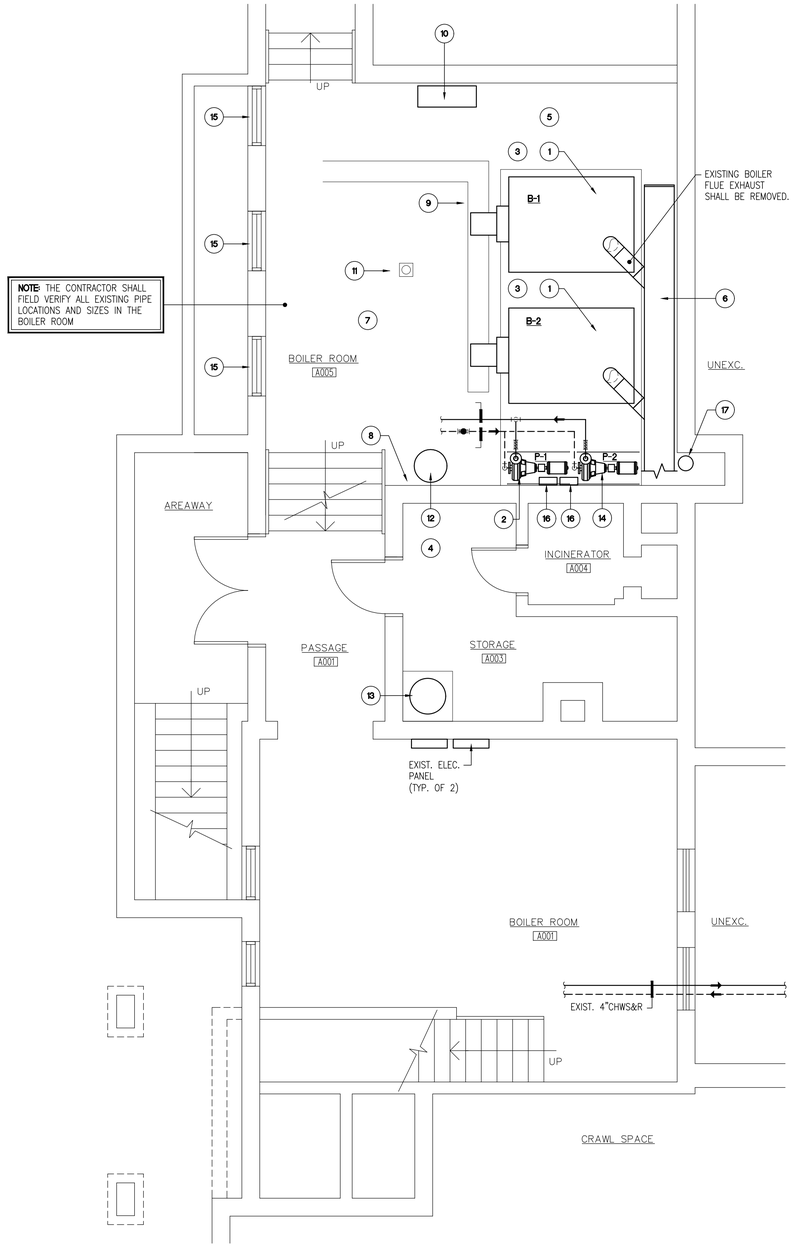
LIST OF DRAWINGS

11/20/2020



BOILER RM. PART PLAN - MECHANICAL DEMOLITION

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

GENERAL DEMOLITION NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITY LINES INCLUDING ELECTRICAL, SEWER, WATER, GAS, TELEPHONE, ETC. THE DRAWINGS SHOW DIAGRAMMATICALLY THE APPROXIMATE LOCATION OF UTILITIES WHERE INFORMATION IS AVAILABLE, BUT THE DRAWINGS ARE NOT EXACT AS TO THE QUANTITY, EXTENT OR LOCATION. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION DURING ALL PHASES OF THE WORK TO LOCATE, IDENTIFY, AND PROTECT EXISTING UTILITIES. THE CONTRACTOR SHALL RECORD LOCATION OF AND REPAIR DAMAGE TO EXISTING UTILITIES WHICH ARE ENCOUNTERED AS A RESULT OF WORK UNDER THIS CONTRACT.

ANY EQUIPMENT REMOVED DURING DEMOLITION WORK MAY BE RETAINED BY THE OWNER AT HIS OPTION. ANY SUCH MATERIAL SHALL BE STORED IN THE BUILDING AT A LOCATION DESIGNATED BY THE OWNER. REMOVAL OF SUCH MATERIAL FROM THE JOB SITE SHALL BE THE OWNER'S RESPONSIBILITY.

REMOVE AND REPLACE ALL EXISTING PIPE INSULATION FOR ALL THE PIPES THAT WILL REMAIN IN THE BOILER ROOM. CONTRACTOR SHALL MEASURE, RECORD AND SUBMIT REPORT FOR ALL THE EXISTING PUMPS PRIOR TO ANY DEMOLITION. MEASURE AND RECORD FLOW AND PRESSURE.

GENERAL MECHANICAL DEMOLITION WORK NOTES

1 – PRIOR TO SUBMITTING BID, VISIT THE SITE AND IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT WORK TO BE PERFORMED. NO COMPENSATION WILL BE GRANTED FOR ADDITIONAL WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS THAT ARE VISIBLE OR READILY CONSTRUED BY EXPERIENCED OBSERVERS. INCLUDE IN THE BID ALL DEMOLITION WORK REQUIRED.

2 – THE DEMOLITION DRAWINGS ARE INTENDED ONLY TO DEFINE THE GENERAL SCOPE OF DEMOLITION WORK AND TO ASSIST THE CONTRACTOR DURING BIDDING. THE DEMOLITION DRAWINGS MAY NOT SHOW EVERY ITEM WHICH MUST BE DISCONNECTED, REMOVED, OR RELOCATED IN ORDER TO FACILITATE NEW WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION WORK REQUIRED WHETHER OR NOT SHOWN ON THE PLANS.

3 – COORDINATE AND SCHEDULE ALL WORK WITH THE OWNER TO MINIMIZE INCONVENIENCE TO THE BUILDING OCCUPANTS. ALL SERVICES AND SYSTEMS SERVING OCCUPIED AREAS OF THE BUILDING SHALL BE MAINTAINED IN OPERATION DURING WORKING SHIFTS.

4 – CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY WORK REQUIRED TO KEEP THE BUILDING OCCUPIED DURING CONSTRUCTION.

5 – REMOVE AND/OR RELOCATE ALL EXISTING MECHANICAL WORK AS NECESSARY FOR THE PERFORMANCE OF THE WORK OF THIS CONTRACT.

6 – REMOVE ALL DEMOLITION MATERIAL FROM THE JOB SITE UNLESS NOTED DIFFERENTLY.

7 – CONTRACTOR SHALL FIELD VERIFY LOCATION AND SIZE OF ALL EXISTING PIPING IN THE BOILER ROOM PRIOR TO ANY DEMOLITION

8 – CONTRACTOR SHALL REMOVE AND REPLACE EXISTING BOILERS

9 – CONTRACTOR SHALL MEASURE AND RECORD EXISTING HW FLOWS PRIIOR TO ANY DEMOLITION. WHEN STARTING THE NEW BOILER, CONTRACTOR SHALL RESTORE THE HW FLOWS TO THE RECORDED VALUES

10 – CONTRACTOR SHALL REMOVE AND REPLACE ALL EXISTING PIPE INSULATION IN THE BOILER ROOM. CONTRACTOR SHALL PROVIDE NEW PIPE INSULATION FOR ALL NEW AND EXISTING PIPES IN THE BOILER ROOM.

11 – PROVIDE COLOR CODED PVC JACKET FOR ALL THE PIPES IN THE BOILER ROOM

- MECHANICAL DEMOLITION WORK SYMBOLS -

TAG	ACTION
1	EXISTING HEATING BOILER AND ASSOCIATED PIPES, VALVES & ACCESSORIES SHALL BE REMOVED. CAP REMAINING GAS, HOT WATER SUPPLY CW MAKE-UP & RETURN PIPING FOR FUTURE CONNECTION. EXISTING BOILER CONCRETE PAD SHALL REMAIN.
2	EXISTING CIRC. PUMP AND METAL STAND SHALL BE REMOVED. CAP REMAINING PIPE FOR FUTURE CONNECTION. EXISTING TRIPLE DUTY VALVE SHALL BE REUSED. REMOVE AND STORE EXISTING TRIPLE DUTY VALVE FOR FUTURE USE.
3	EXISTING BOILER CONTROLS AND ASSOCIATED ACCESSORIES SHALL BE REMOVED.
4	EXISTING COLD WATER MAKE-UP PIPE SHALL REMAIN
5	EXISTING AIR SEPARATOR AND EXPANSION TANK WITH ASSOCIATED PIPING SHALL BE REMOVED.
6	EXISTING BOILER BREECHING SHALL BE REMOVED. PATCH REMAINING CHIMNEY OPENING TO MATCH EXISTING. CONTRACTOR SHALL CLEAN THE INTERIOR OF THE EXISTING CHIMNEY. CONTRACTOR SHALL OPEN THE BOTTOM OF CHIMNEY TO ALLOW FOR INSTALLATION OF NEW FLUE. PROVIDE NEW ACCESS DOOR PATCH TO MATCH.
7	REMOVE AND REPLACE ALL PIPE INSULATION IN THE BOILER ROOM. PROVIDE NEW INSULATION FOR ALL NEW AND EXISTING PIPES IN THE BOILER ROOM. CONTRACTOR SHALL FIELD VERIFY PIPE SIZES AND LENGTH.
8	EXISTING MAKE-UP WATER WITH BACKFLOW PREVENTER AND PRESSURE REDUCING VALVE SHALL BE REPLACED. PROVIDE NEW REDUCED PRINCIPLE BACK FLOW PREVENTER AND PRESSURE REGULATING VALVE. INSTALL 5'-0" A.F.F.
9	EXISTING TRENCH COVERS SHALL BE REMOVED AND TRENCH SHALL BE FILLED WITH CONCRETE TO MATCH EXISTING FLOOR. PROVIDE NEW FLOOR DRAIN AND PIPE. CONNECT TO EXISTING SUMP PUMP. EXISTING OIL PIPES SHALL BE REMOVED.
10	EXISTING OIL TRANSFER PUMP, ASSOCIATED CONTROLS AND OIL PIPING SHALL BE REMOVED. CAP AND SEAL PIPES AT WALL PENETRATION. DISPOSE OF REMAINING OIL IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS.
11	EXISTING FLOOR DRAIN SHALL REMAIN. PROVIDE NEW STRAINER.
12	EXISTING SUMP PUMP SHALL REMAIN. PROVIDE NEW HIGH WATER ALARM TIED INTO THE BMS.
13	EXISTING DOMESTIC WATER HEATER AND ASSOCIATED PIPING SHALL REMAIN
14	EXISTING BASE MOUNTED CIRCULATING PUMP AND TRIPLE DUTY VALVE SHALL BE REUSED. REMOVE AND STORE AT A SAFE LOCATION FOR FUTURE USE.
15	EXISTING COMBUSTION AIR LOUVERS SHALL REMAIN. REMOVE EXISTING COMBUSTION AIR DUCT. PROVIDE INSULATED PANEL.
16	EXISTING VARIABLE FREQUENCY DRIVES SHALL BE REUSED. REMOVE AND STORE AT SAFE LOCATION FOR FUTURE USE.
17	EXISTING CHEMICAL FEEDER SHALL BE REMOVED.
18	EXISTING UNDERGROUND FUEL OIL STORAGE TANK, ACCESSORIES AND CONCRETE PADS SHALL BE REMOVED. RESTORE SITE TO ORIGINAL CONDITION. RESEED LOAN AND REPAIR SIDEWALK. CONTRACTOR SHALL PROVIDE SOIL SAMPLE FROM UNDERSIDE OF THIS TANK FOR TESTING AT CERTIFIED LAB. DISPOSE OF REMAINING OIL IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS.

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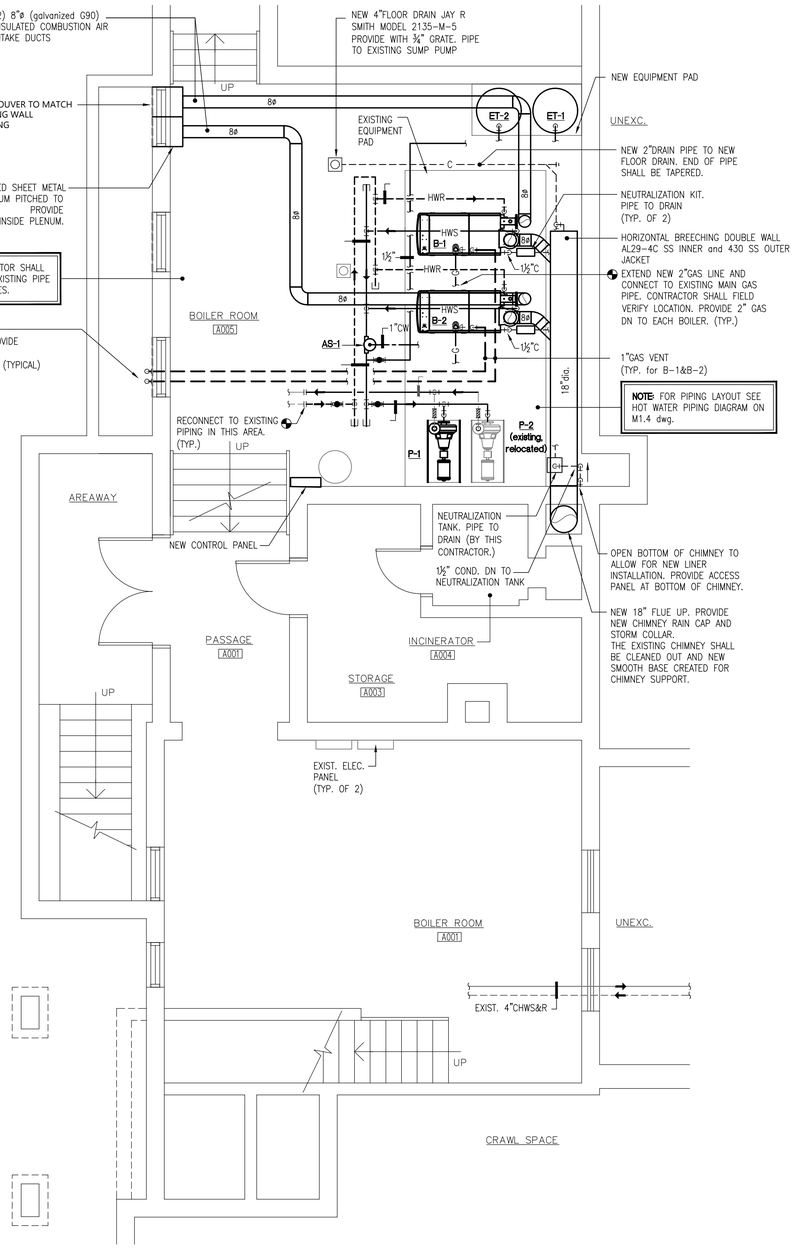
TITLE
BOILER ROOM MECHANICAL DEMOLITION PART PLAN

DATE 11/20/2020

DWG. NO.
M1.1



BOILER RM. PART PLAN - MECHANICAL NEW WORK

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

GAS FIRED, HOT WATER BOILER SCHEDULE

(NATURAL GAS min. PRESSURE 4"w.c.)

TAG	LOCATION	MANUF.	MODEL	WATER FLOW (MIN/MAX) (GPM)	WATER VOLUME (GAL)	FUEL	GAS			ELECTRICAL			OUTPUT (MBH)	VENT DIA (IN)	VENT DIA (OUT)	REMARKS
							INPUT (MBH)	PRESSURE (MIN/MAX)	THERMAL EFFICIENCY	VOLTAGE	PHASE	FLA				
B-1	BOILER RM	AERCO	BMK-3000	25-350	55	GAS	3000	4"WC MIN/ 14"WC MAX	94.6%	208	3	10	2790	8	8	1,2,3,4,5,6
B-2	BOILER RM	AERCO	BMK-3000	25-350	55	GAS	3000		94.6%	208	3	10	2790	8	8	1,2,3,4,5,6

REMARKS:
1. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. POWER WIRING AND RACEWAY BY DIVISION 26
3. DISCONNECT, MOTOR STARTERS AND CONTROLS BY DIVISION 23
4. PROVIDE WATER LEVEL CONTROLS.
5. UNIT MANUFACTURER SHALL PROVIDE LOCK-UP STYLE REGULATOR. REGULATOR SHALL BE INDEPENDENTLY VENTED TO OUTSIDE.
6. BOILER MANUFACTURER SHALL PROVIDE HI/LOW GAS PRESSURE SWITCH, LOW WATER CUT OFF-MANUAL RESET, HIGH LIMIT-MANUAL RESET, CONDENSATE NEUTRALIZATION TUBE, JM-30

PUMP SCHEDULE

PUMP No.	LOCATION	AREA SERVED	TYPE	MANUFACTURER	SERIES	MODEL	GPM	HEAD (FT)	RPM	HP	VOLTS	PH	EFFICIENCY	SUCTION DIFFUSER			TRIPLE DUTY VALVE	REMARKS
														MODEL	SYS. SIDE	SUCT. SIDE		
P-1	BOILER RM	HEATING SYSTEM	BASE MTD.	BELL & GOSSETT	e-1510	3BD	280	55	1712	7.5	208	3	75.1%	EE-3	4	4	–	1,2,3,5,6,8
P-2	BOILER RM	HEATING SYSTEM (STAND-BY)	BASE MTD.	BELL & GOSSETT	e-1510	3BD	280	55	1712	7.5	208	3	75.1%	EE-3	4	4	–	1,2,4,7,8

REMARKS:
1. UNIT SHALL BE SEISMICALLY SUPPORTED.
2. INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
3. OPERATING.
4. STANDBY.
5. PROVIDE WITH PREMIUM EFFICIENCY MOTOR
6. PROVIDE VARIABLE FREQUENCY DRIVE.
7. EXISTING RELOCATED
8. EXISTING RELOCATED TRIPLE DUTY VALVE

ENGINEERING SPECIFICATION FOR BELL & GOSSETT ROLAIRTROL AIR SEPARATOR (HOT WATER SIDE)

Furnish and install as shown on plans, a centrifugal type air separator. The unit shall have 5" Flanged or Grooved inlet and outlet connections tangential to the vessel shell. Vessel shell diameter to be three times the nominal inlet/outlet pipe diameter.

The unit shall have an internal stainless steel air collector tube with 5/32" diameter perforations and 63% open area designed to direct accumulated air to the compression tank via an NPT connection at top of unit.

The unit shall have a removable galvanized steel system strainer with 3/16" diameter perforations and a free area of not less than five times the cross-sectional area of the connecting pipe. A blow-down connection shall be provided to facilitate routine cleaning of the strainer.

Manufacturer to furnish data sheet specifying air collection efficiency and pressure drop at rated flow.

The air separator(s) must be designed, constructed, and stamped for 125 psig @ 350oF in accordance with Section VIII, Division I of the ASME Boiler and Pressure Vessel Code, and registered with the National Board of Boiler and Pressure Vessel Inspectors. The air separator(s) shall be painted with one shop coat of light gray air dry enamel.

A Manufacturers' Data Report for Pressure Vessels, Form U-1 as required by the provisions of the ASME Boiler and Pressure Vessel Code shall be furnished for each air separator upon request.

The manufacturer shall be ITT Bell & Gossett; Model R-5F

The unit shall be 23.75" long, 37.00" high, 16.00" wide, and weigh approximately 220 pounds.

ENGINEERING SPECIFICATION FOR ITT BELL & GOSSETT COMPRESSION/EXPANSION TANK (HOT WATER SIDE)

Furnish and install as shown 2 Pressurized Vertical Expansion Tank. Each shall be a 159.0 gallon, 56 acceptance, 30" dia. x 60 1/2" high pre-charged vertical steel expansion tank with integral heavy duty Butyl rubber diaphragm. The tank shall have a 1-1/4 in. NPTM system connection, and a .302"-32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank must be constructed in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code and stamped 125 PSI working pressure.

The tank shall be fitted with lifting rings and a floor mounting skirt for vertical installation.

Each tank shall be ITT Bell & Gossett Model No. D-260V.

The unit shall weigh approximately 476 pounds; 100% full-1803 pounds.

EXISTING VARIABLE FREQUENCY DRIVE SCHEDULE

UNIT NO.	MOTOR HP	MANUF.	MODEL	LOCATION	REMARKS
P-1 (HOT WATER)	7.5	ABB	–	REMOTE	EXISTING RELOCATED
P-2 (HOT WATER)	7.5	ABB	–	REMOTE	EXISTING RELOCATED

GENERAL NEW WORK NOTES :

1. DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL INTENT OF WORK, ALL CONTRACTORS MUST COORDINATE WITH OTHER TRADES OTHER TRADES BEFORE PROCEEDING WITH ANY WORK.
2. THE CONTRACTOR SHALL COORDINATE THE ROUTING AND INSTALLATION OF ALL SYSTEMS TO AVOID CONFLICTS.
3. THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTING HIS BID.
4. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PIPE LOCATIONS AND SIZES.
5. INSTALL PIPES TO ALLOW EASY ACCESS TO VALVES.
6. INSULATE ALL HOT WATER HEATING SUPPLY AND RETURN PIPING.
7. BRANCH TAKE-OFFS FOR FLUE AND COMBUSTION AIR SHALL BE AT 45° ANGLES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TEMPORARY WORK REQUIRED TO KEEP THE BUILDING OCCUPIED DURING THE CONSTRUCTION.

MECHANICAL SYMBOL LIST

SYMBOL	ABBREV.	DESCRIPTION
	HWS	HOT WATER HEATING SUPPLY
	HWR	HOT WATER HEATING RETURN
	CW	COLD WATER
	G	NATURAL GAS
	EG	EXISTING NATURAL GAS
	CND	CONDENSATE DRAIN
		SHUTOFF VALVE
		GAS SHUTOFF VALVE
		RISER DOWN
		RISER UP
		RISE OR DROP
		BRANCH-TOP CONNECTION
	FD	FLOOR DRAIN
	POC	POINT OF CONNECTION

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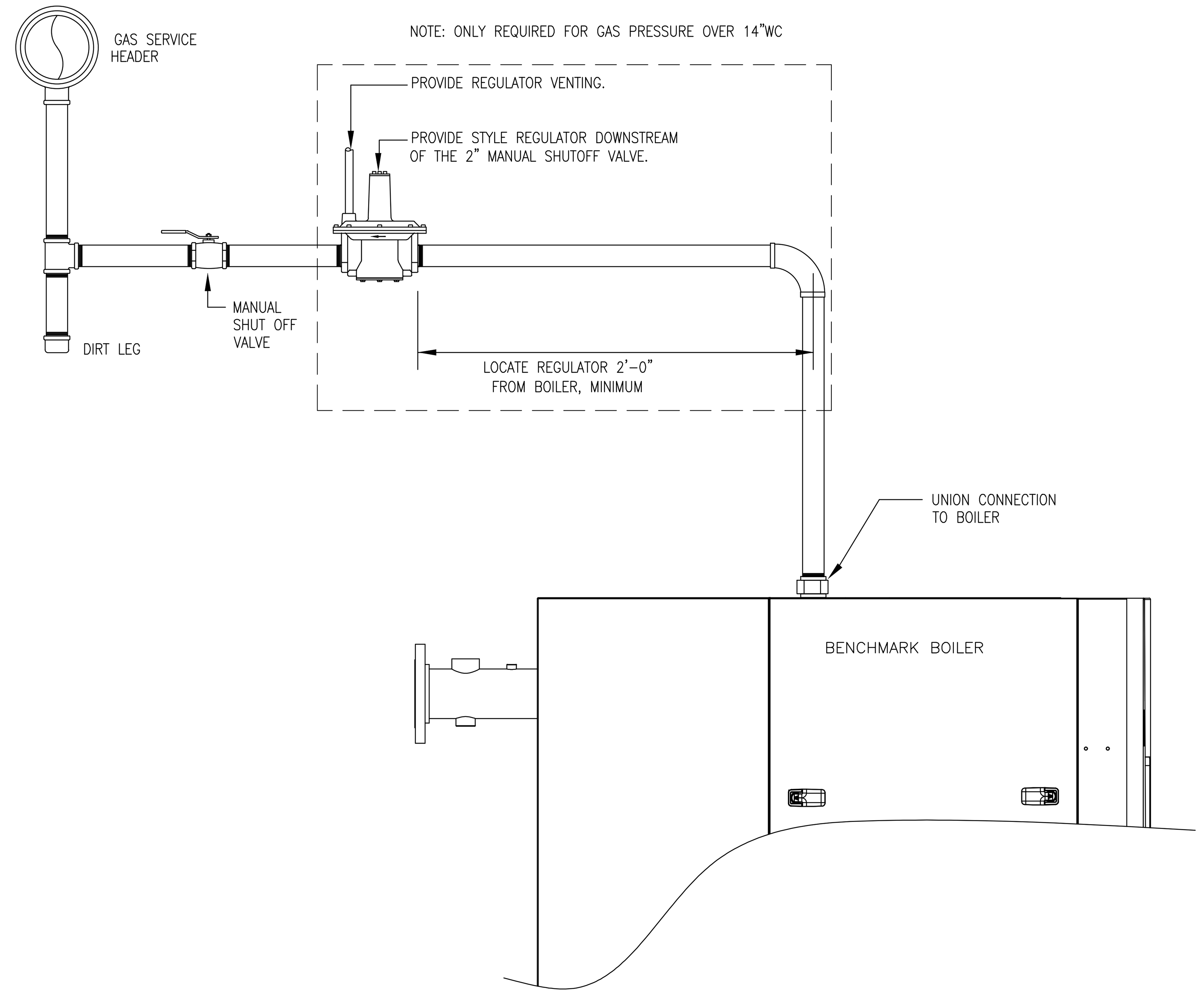
TITLE
BOILER ROOM MECHANICAL NEW WORK PART PLAN

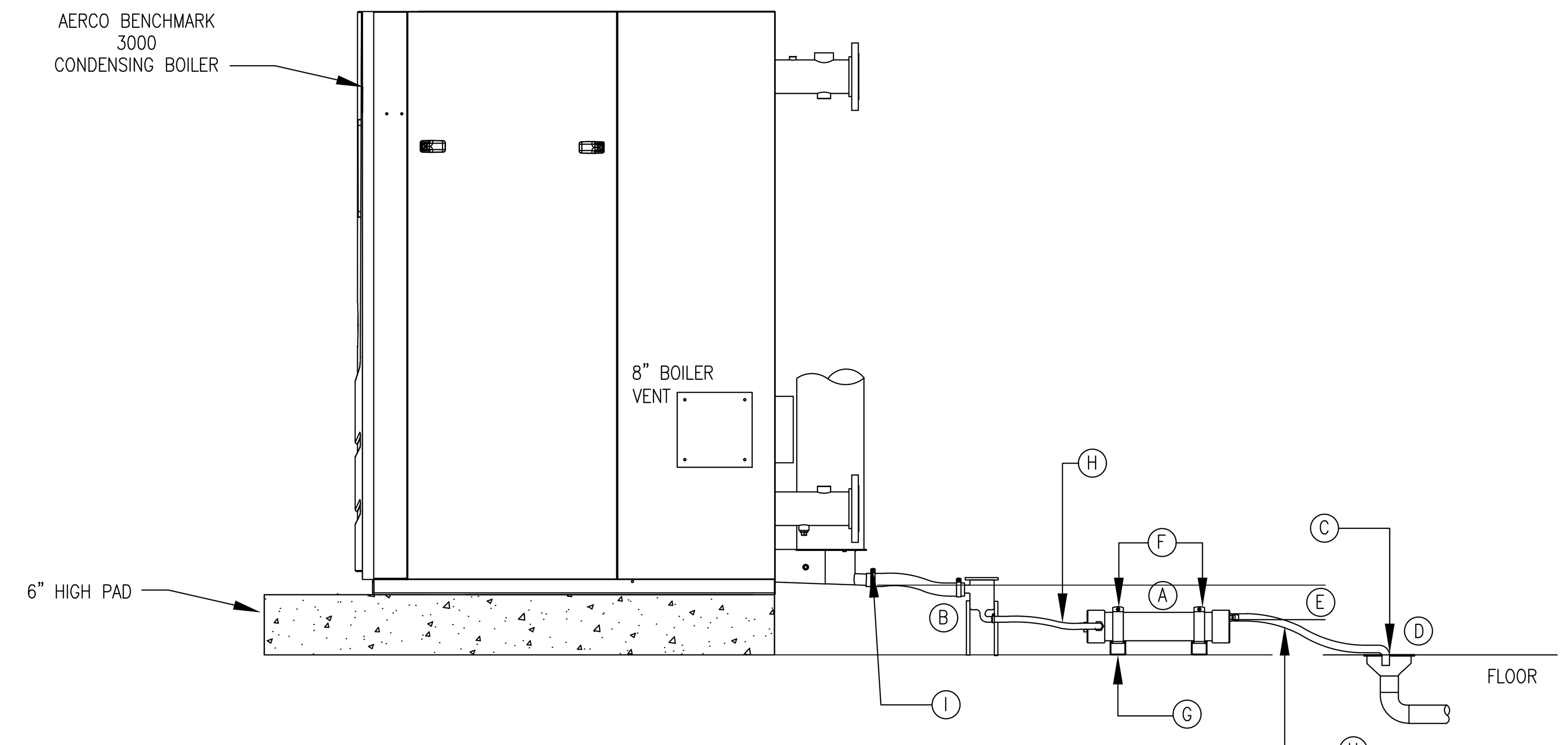
DATE 11/20/2020

DWG. NO.
M1.2



TYPICAL GAS CONNECTION DETAIL

NO SCALE



A. JJM CONDENSATE NEUTRALIZING TUBE

B. FACTORY SUPPLIED CONDENSATE TRAP. PROVIDE FIELD FABRICATED SUPPORTS AS REQUIRED.

C. CONDENSATE DRAIN TERMINATION AT FLOOR DRAIN OR CONDENSATE PUMP RESERVOIR INLET. SECURE IN PLACE AS REQUIRED.

D. FLOOR DRAIN OR SUMP

E. BOTTOM OF BOILER CONDENSATE OUTLET MUST BE ABOVE THE THE BOTTOM OF THE JM TUBE CONDENSATE OUTLET

F. UNISTRUT CLAMPS, SECURE TUBE IN POSITION AND SECURELY. CONDENSATE OUTLET MUST BE ORIENTED UP, WITH CONDENSATE INLET TO THE SIDE.

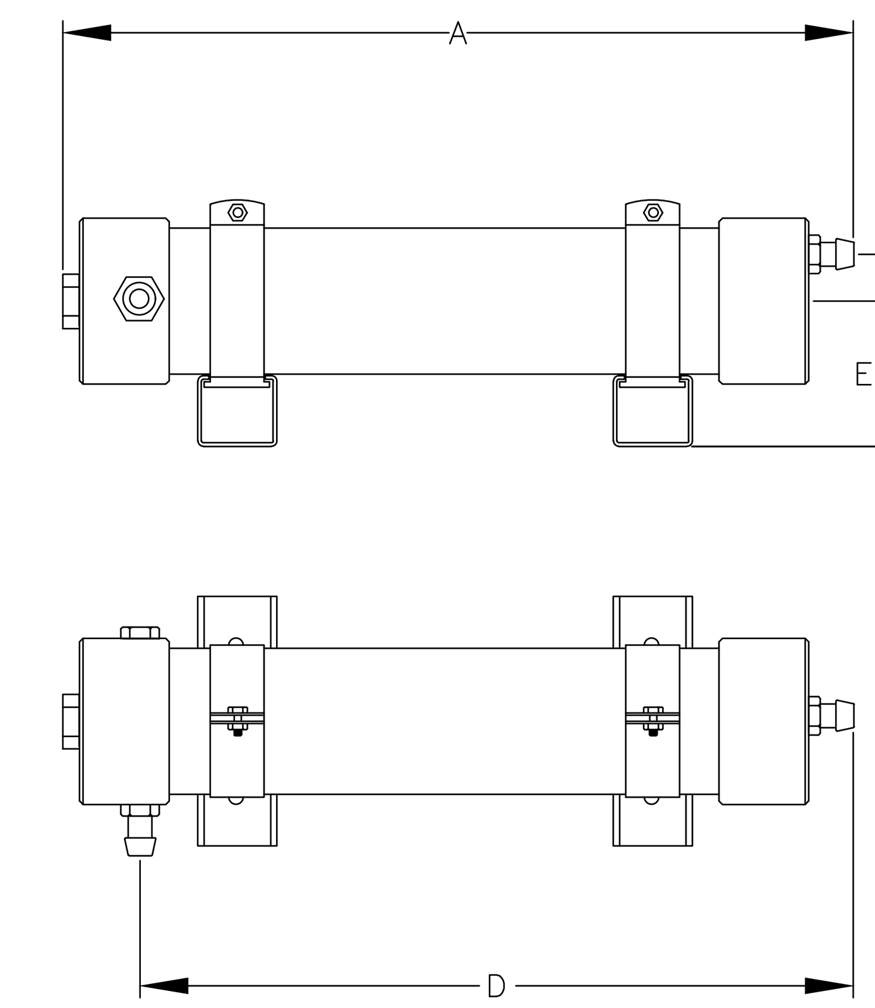
G. UNISTRUT BASE, BOLT TO FLOOR OR MOUNTING PAD.

H. PLASTIC TUBING OR PVC PIPE.

I. USE HOSE CLAMPS AT ALL CONNECTIONS WHEN USING FACTORY SUPPLIED RUBBER HOSE.

CONDENSATE TUBE INSTALLATION DETAIL

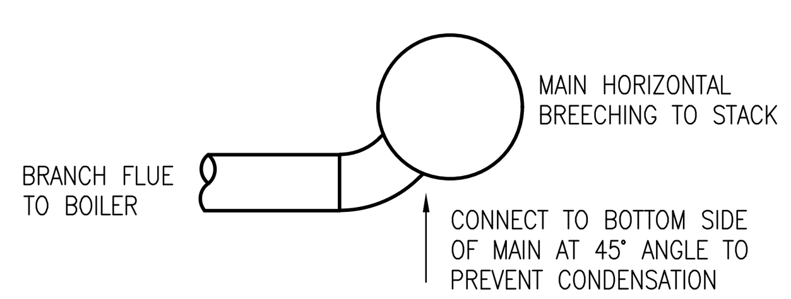
NO SCALE



SIZE	MBH	GPH	A	B	C	D	E	F
JM-30	3000	30	24 1/2	5	6	21	4 1/2	3 1/8

JM-30 CONDENSATE TUBE

NO SCALE



FLUE VENT SECTION

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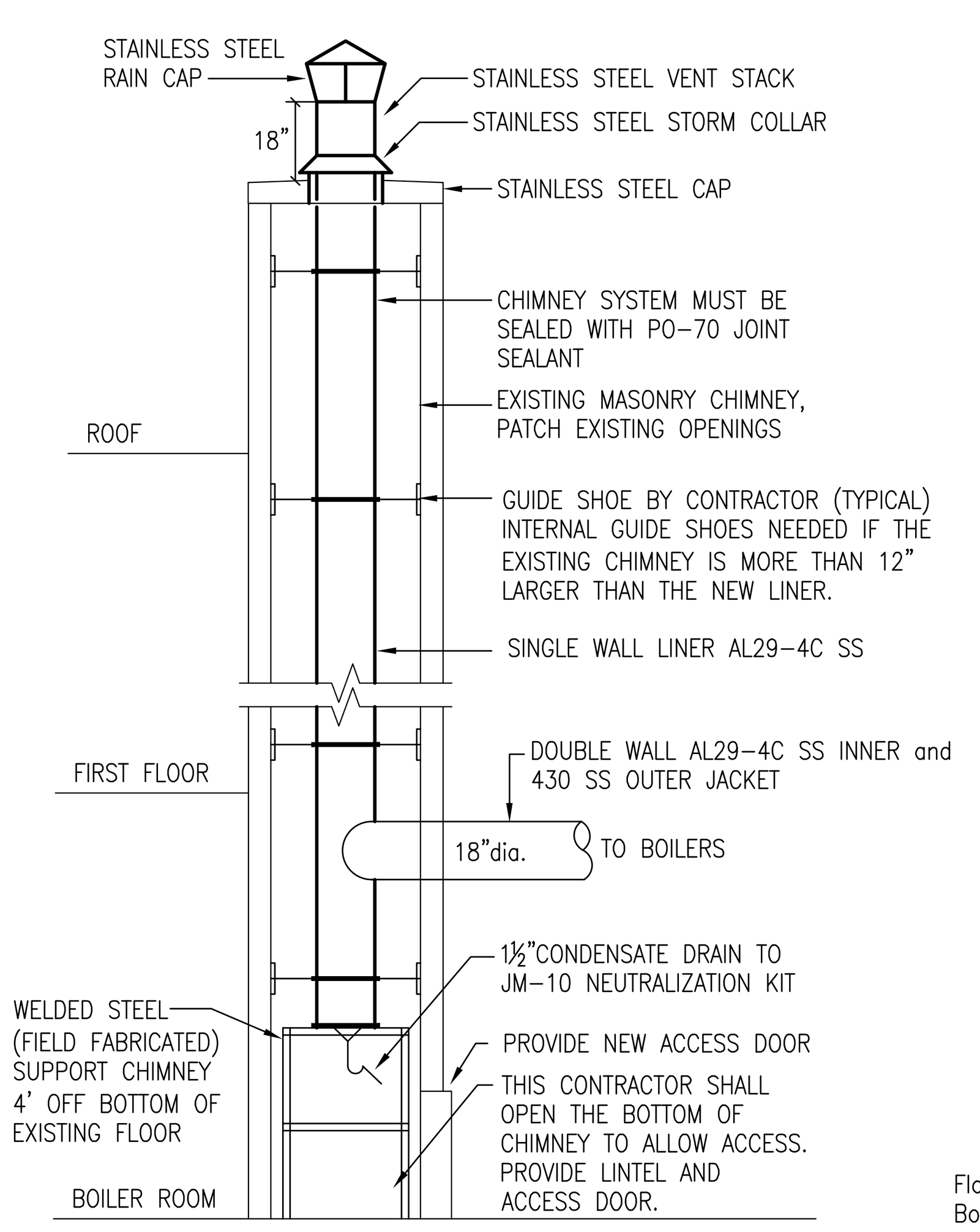
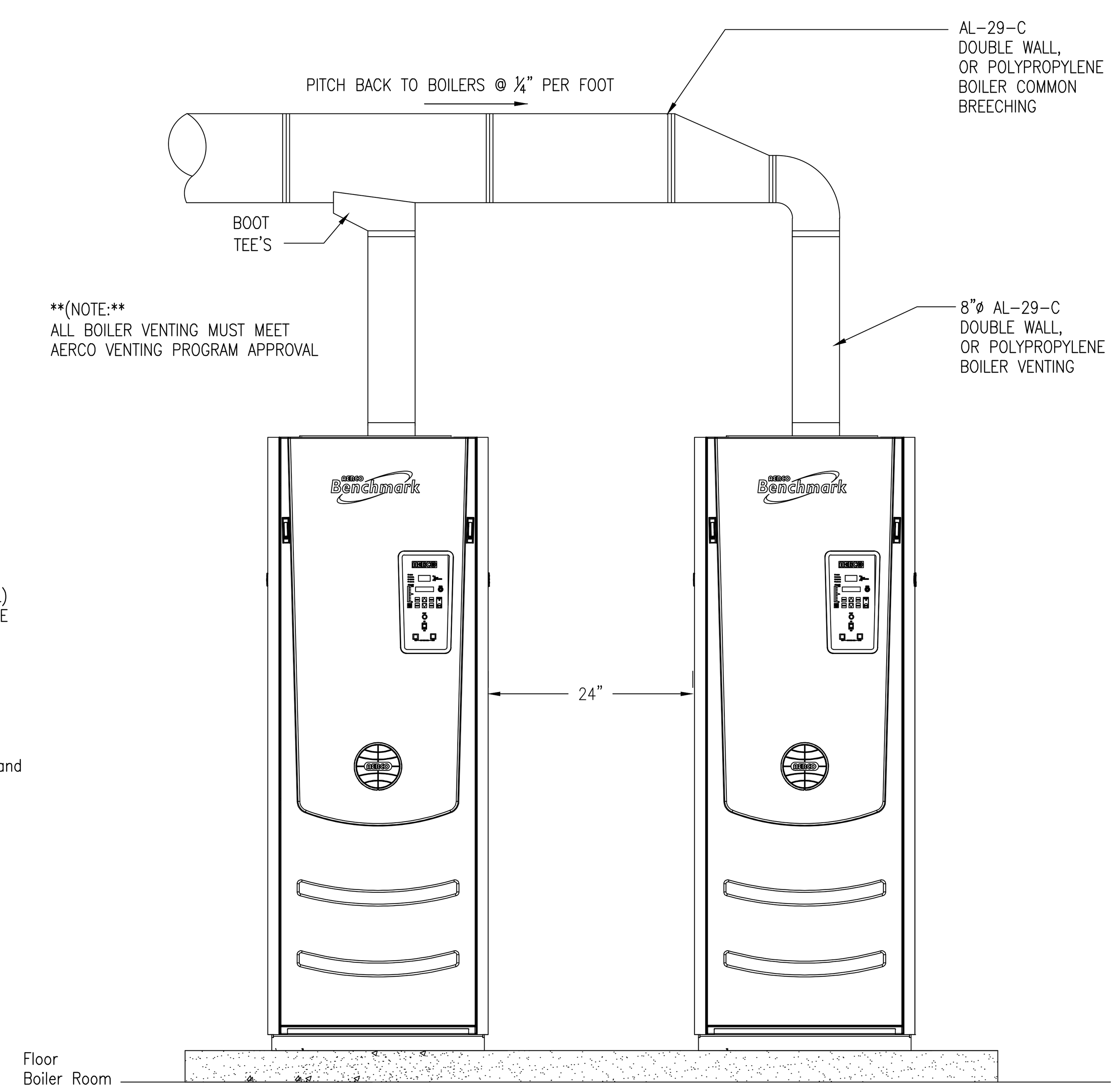


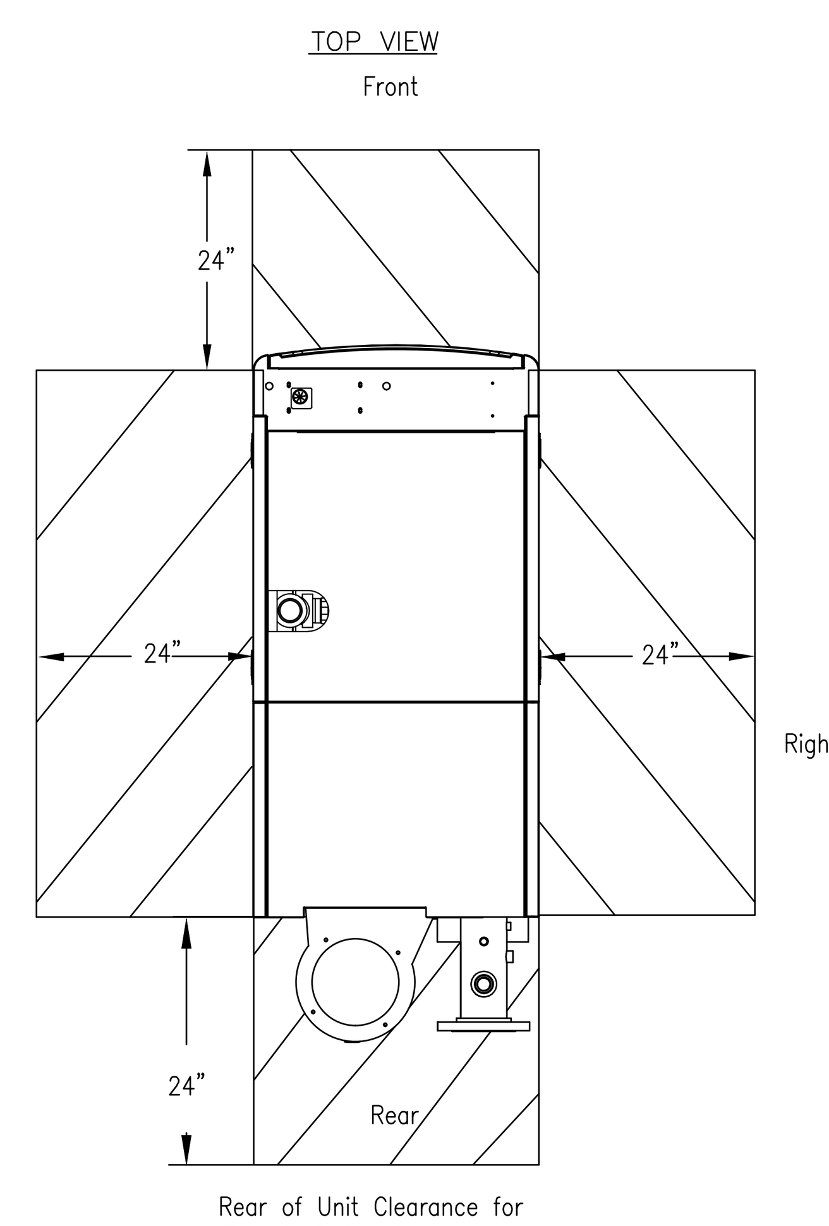
FLUE EXHAUST VENTING

NO SCALE



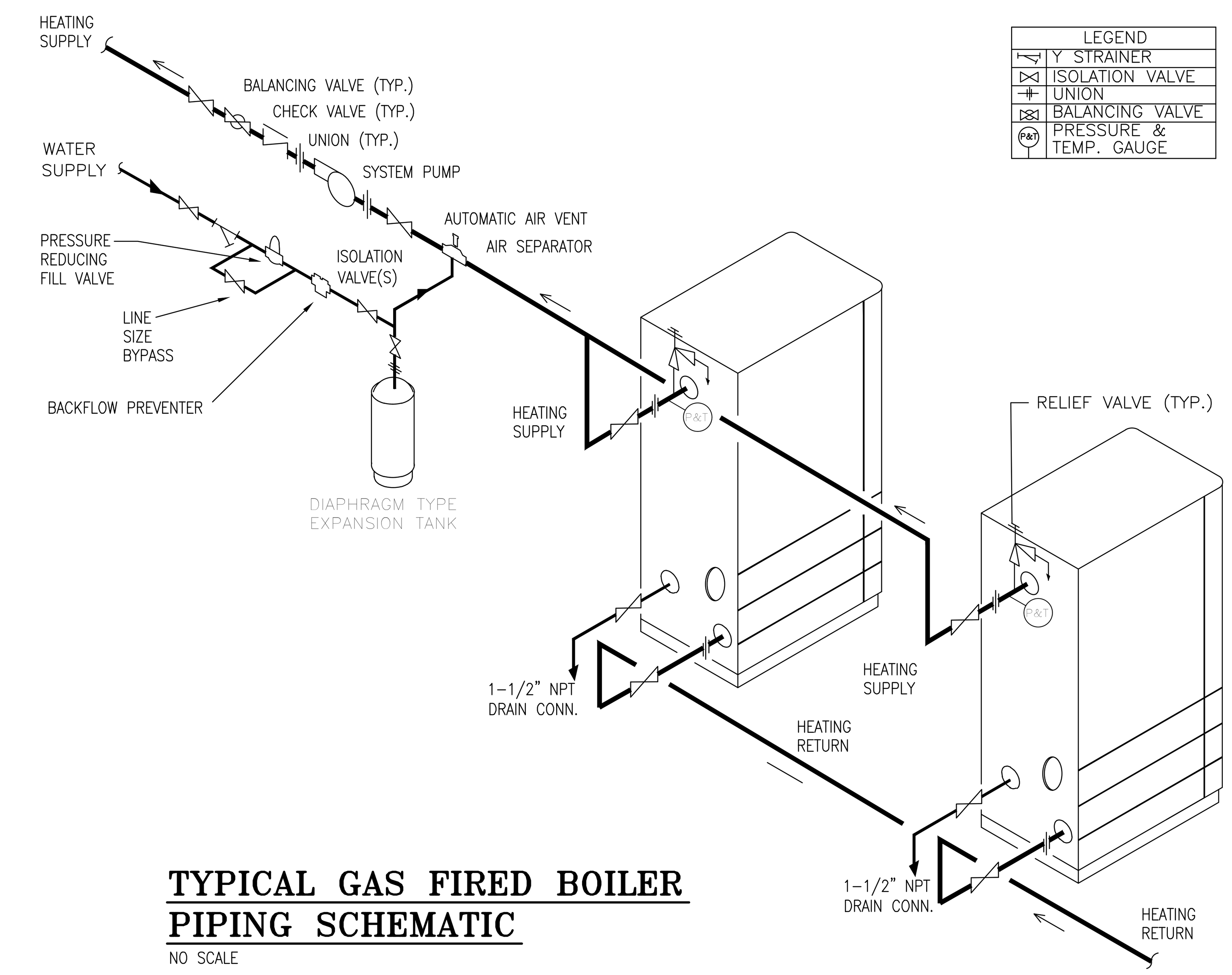
TYPICAL COMBINED FLUE VENTING DETAIL

NO SCALE



COMMON SERVICE SPACE REQUIRED FOR BOILER INSTALLATION

NO SCALE



TYPICAL GAS FIRED BOILER PIPING SCHEMATIC

NO SCALE

NOTES:
1) LOCATE WATER INLET AND OUTLET FITTINGS (i.e. UNIONS, ELBOWS, ETC.) A MINIMUM OF 6" FROM BOILER FITTINGS TO PREVENT INTERFERENCE WITH REMOVAL OF BOILER PANELS AND COVERS. ALL PIPING AND ELECTRIC CONNECTIONS (SERVICE SWITCHES, CONDUIT BOXES) SHOULD LIKEWISE BE 6" AWAY FROM SIDE PANELS.

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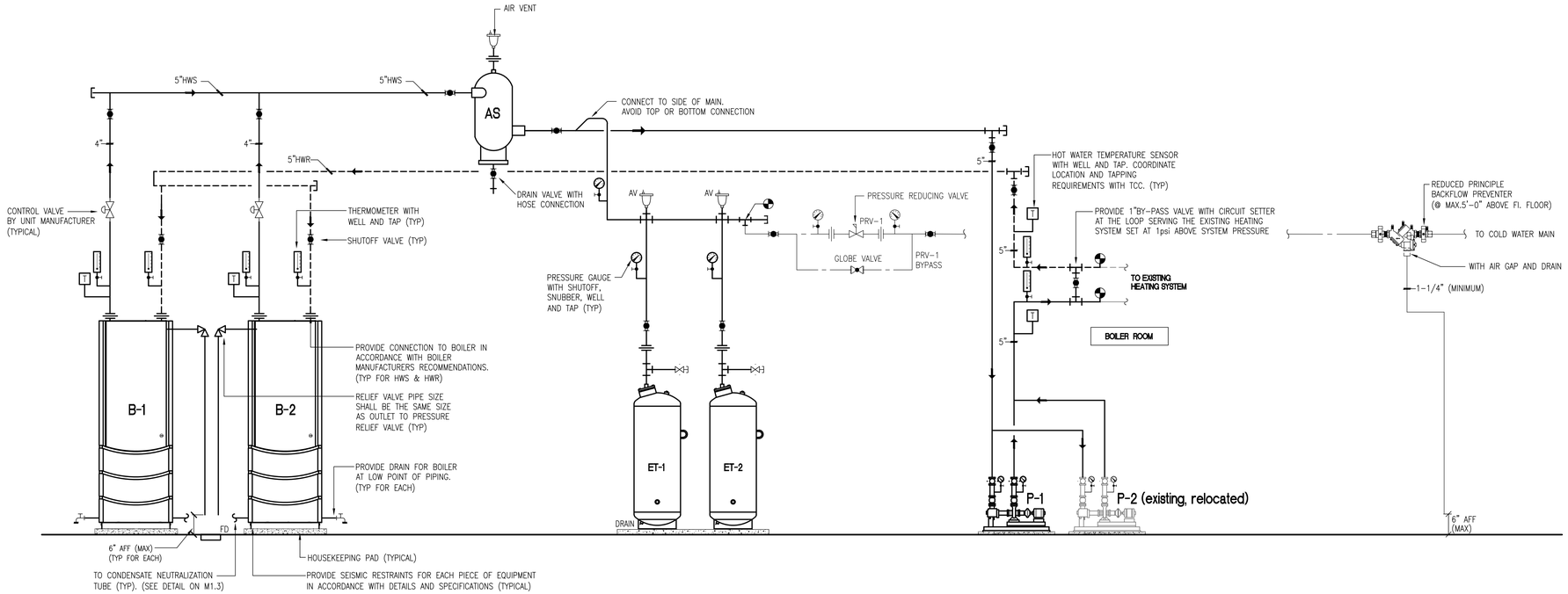
TITLE
MECHANICAL DETAILS

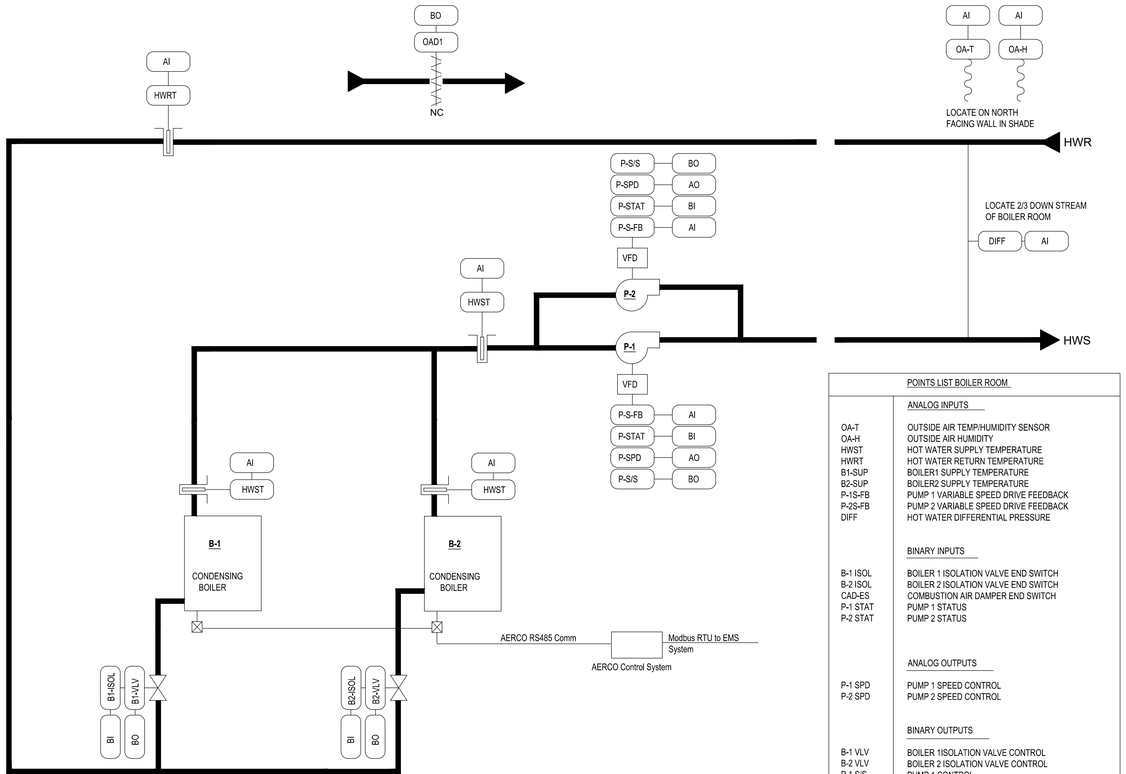
DATE 11/20/2020

DWG. NO.
M1.3



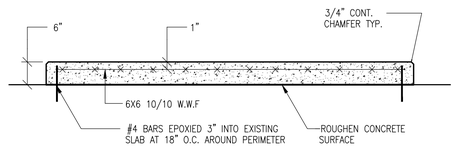
NEW BOILER ROOM HOT WATER PIPING DIAGRAM

NO SCALE



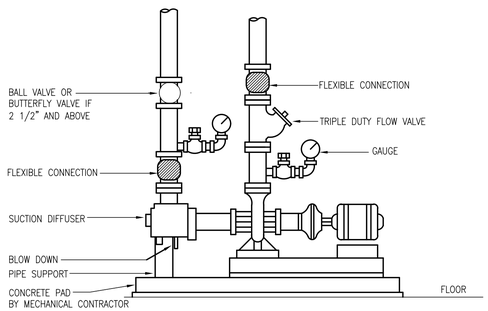
BOILER ROOM CONTROL DIAGRAM

POINTS LIST BOILER ROOM	
	ANALOG INPUTS
OA-T	OUTSIDE AIR TEMP/HUMIDITY SENSOR
OA-H	OUTSIDE AIR HUMIDITY
HWST	HOT WATER SUPPLY TEMPERATURE
HWRT	HOT WATER RETURN TEMPERATURE
B1-SUP	BOILER1 SUPPLY TEMPERATURE
B2-SUP	BOILER2 SUPPLY TEMPERATURE
P-1S-FB	PUMP 1 VARIABLE SPEED DRIVE FEEDBACK
P-2S-FB	PUMP 2 VARIABLE SPEED DRIVE FEEDBACK
DIFF	HOT WATER DIFFERENTIAL PRESSURE
	BINARY INPUTS
B-1 ISOL	BOILER 1 ISOLATION VALVE END SWITCH
B-2 ISOL	BOILER 2 ISOLATION VALVE END SWITCH
CAD-ES	COMBUSTION AIR DAMPER END SWITCH
P-1 STAT	PUMP 1 STATUS
P-2 STAT	PUMP 2 STATUS
	ANALOG OUTPUTS
P-1 SPD	PUMP 1 SPEED CONTROL
P-2 SPD	PUMP 2 SPEED CONTROL
	BINARY OUTPUTS
B-1 VLV	BOILER 1ISOLATION VALVE CONTROL
B-2 VLV	BOILER 2 ISOLATION VALVE CONTROL
P-1 S/S	PUMP 1 CONTROL
P-2 S/S	PUMP 2 CONTROL



TYPICAL EQUIPMENT PAD DETAIL

NO SCALE



PIPING DETAIL FOR BASE MOUNTED PUMP

NO SCALE

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TITLE

SCHEMATIC PIPING DIAGRAM, TEMPERATURE CONTROL DIAGRAM AND MECHANICAL DETAILS

DATE 11/20/2020

DWG. NO.

M1.4

DEMOLITION WORK NOTES

1 – GENERAL

A – PRIOR TO SUBMITTING BID, VISIT THE SITE AND IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT WORK TO BE PERFORMED. NO COMPENSATION WILL BE GRANTED FOR ADDITIONAL WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS THAT ARE VISIBLE OR READILY CONSTRUED BY EXPERIENCED OBSERVERS. INCLUDE IN THE BID ALL DEMOLITION WORK REQUIRED.

B – THE DEMOLITION DRAWINGS ARE INTENDED ONLY TO DEFINE THE GENERAL SCOPE OF DEMOLITION WORK AND TO ASSIST THE CONTRACTOR DURING BIDDING. THE DEMOLITION DRAWINGS MAY NOT SHOW EVERY ITEM WHICH MUST BE DISCONNECTED, REMOVED, OR RELOCATED IN ORDER TO FACILITATE NEW WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION WORK REQUIRED WHETHER OR NOT SHOWN ON THE PLANS.

C – DEMOLITION WORK SHALL BE COORDINATED WITH CONSTRUCTION PHASING SO THAT EXISTING PORTIONS OF THE BUILDING REMAIN FULLY ACTIVE AND FUNCTIONAL UP UNTIL THE TIME SUCH AREAS ARE TURNED OVER TO THE CONTRACTOR FOR RENOVATION WORK.

D – COORDINATE AND SCHEDULE ALL WORK WITH THE OWNER TO MINIMIZE INCONVENIENCE TO THE BUILDING OCCUPANTS. ALL LIFE SAFETY SYSTEMS SHALL BE MAINTAINED IN FULLY OPERATIONAL CONDITION.

E – REMOVE AND/OR RELOCATE ALL EXISTING ELECTRICAL WORK AS NECESSARY FOR COORDINATION WITH THE WORK OF OTHER TRADES.

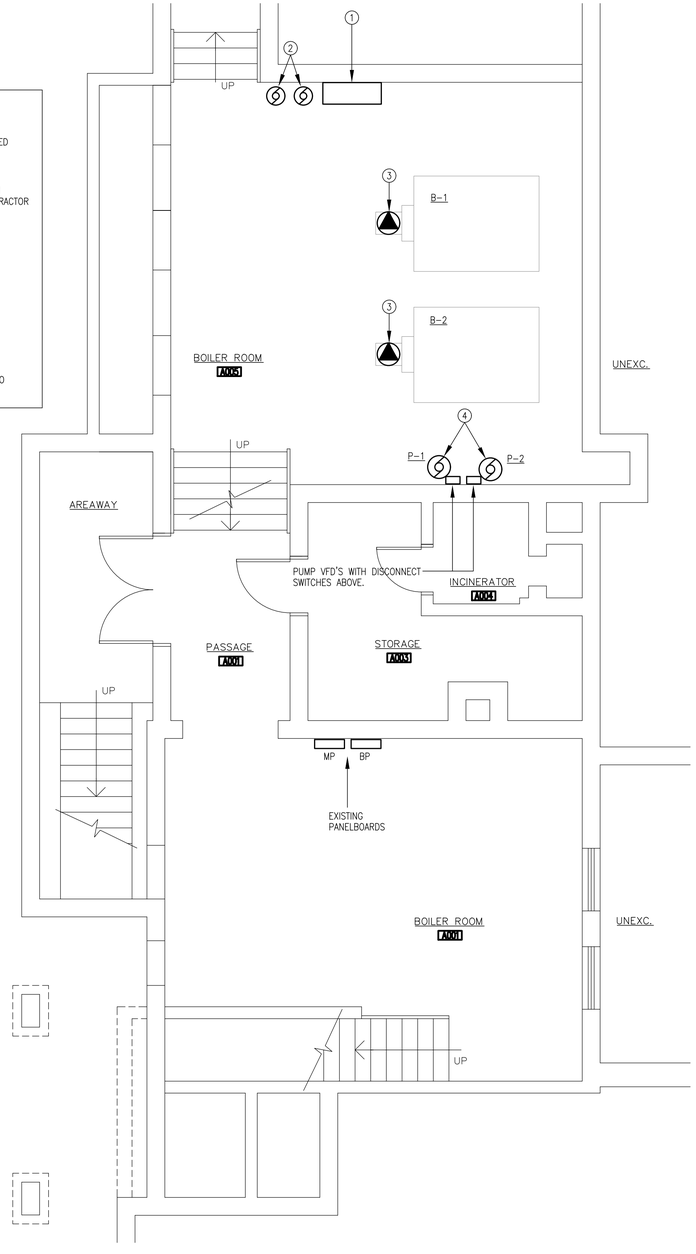
F – MECHANICAL EQUIPMENT SHALL BE REMOVED UNDER OTHER DIVISIONS OF THIS CONTRACT. EQUIPMENT SHALL BE DISCONNECTED UNDER THIS DIVISION.

G – EXISTING ELECTRICAL EQUIPMENT, WIRING, AND RACEWAYS SHALL NOT BE REUSED UNLESS SPECIFICALLY NOTED OTHERWISE.

H – REMOVE ALL DEMOLITION MATERIAL FROM THE JOB SITE UNLESS THE OWNER WANTS TO RETAIN ANY SUCH MATERIAL FOR HIS USE. MATERIAL REQUESTED BY THE OWNER FOR SALVAGE SHALL BE DELIVERED TO THE OWNER'S DESIGNATED MATERIAL STORAGE AREA.

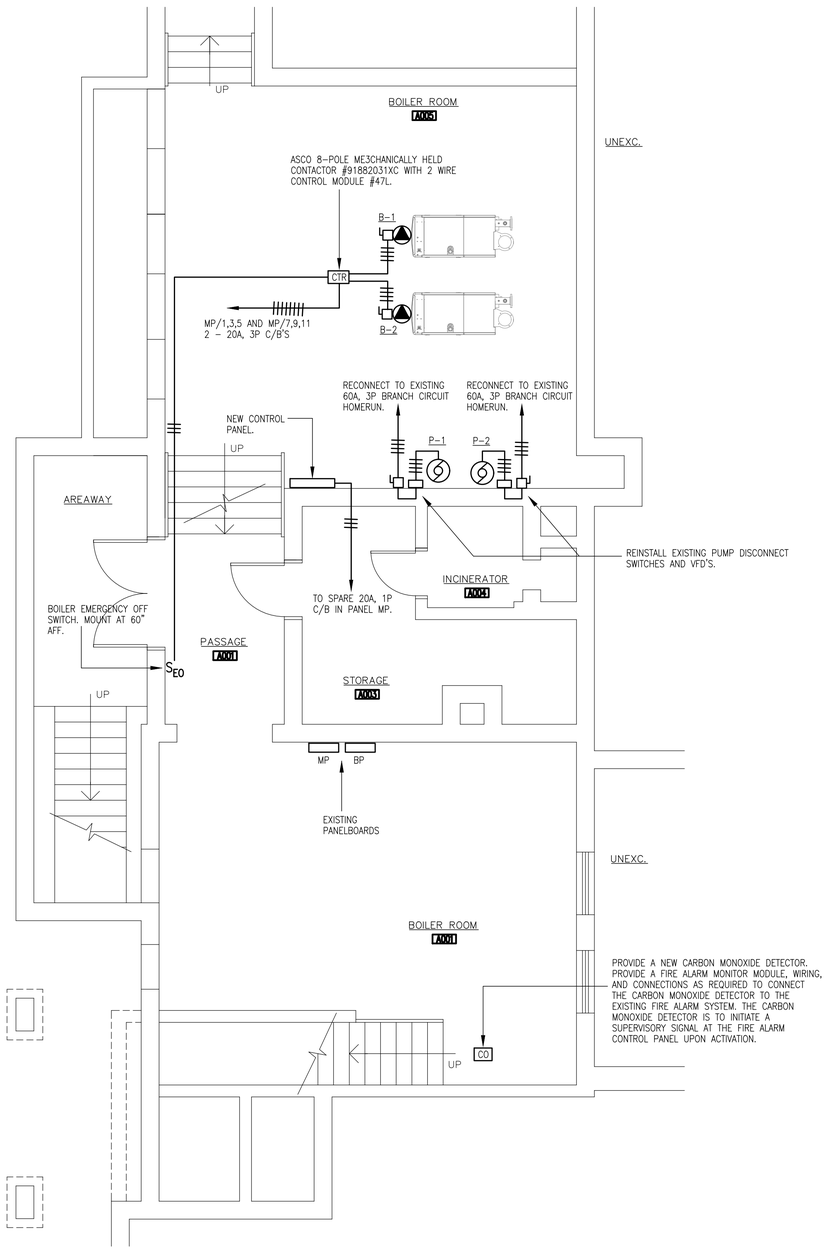
ELECTRICAL DEMOLITION WORK NOTES

TAG	ACTION
1	DISCONNECT AND REMOVE EXISTING OIL TRANSFER PUMP SET CONTROL PANEL BRANCH CIRCUIT POWER FEED AND ALL ASSOCIATED WIRING.
2	DISCONNECT AND REMOVE EXISTING OIL TRANSFER PUMP POWER FEED AND ALL ASSOCIATED WIRING.
3	DISCONNECT AND REMOVE EXISTING BOILER/BURNER BRANCH CIRCUIT POWER FEED AND ALL ASSOCIATED WIRING.
4	DISCONNECT AND REMOVE EXISTING PUMP POWER CONNECTION AND ASSOCIATED WIRING BACK TO THE LINE SIDE OF THE PUMP DISCONNECT SWITCH. DISCONNECT AND REMOVE THE PUMP VFD AND DISCONNECT SWITCH AND RETAIN FOR REINSTALLATION. PREP THE BRANCH CIRCUIT HOMERUN FOR EXTENSION AND RECONNECTION.



BOILER RM. PART PLAN - ELECTRICAL DEMOLITION

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



BOILER RM. PART PLAN - ELECTRICAL NEW WORK

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

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TITLE

BOILER ROOM ELECTRICAL DEMOLITION AND NEW WORK PART PLANS

DATE 11/20/2020

DWG. NO.

E1.1