



Architectural
Services

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ADDENDUM ONE

Project: **Sullivan County Mary Hughes Elementary School Boiler Replacement**

Address: **240 Austin Springs Road, Piney Flats, Tennessee.**

September 20, 2023

This Addendum is part of the Contract Documents for the above referenced project and modifies the original drawings and/or specifications, dated **8/30/23**, as noted below. The bidder shall acknowledge receipt of this Addendum in the place provided in the Bid Form. The published bid date and time shall remain the same.

GENERAL:

1. Please see attached Pre-Bid Attendance Record.
2. Please see responses to questions below:
 - a. Does local and state jurisdiction require boiler to be UL listed? **Per review of the TN State Boiler Code – UL Listing is only required for electric boilers.**
 - b. Does local and state jurisdiction require boiler / burner package to be UL listed? **I don't see this requirement anywhere in the TN State Boiler Code.**
 - c. Does local jurisdiction require new DOE efficiency requirements be adhered to? If not, then what year of ASHRAE efficiency ratings do they require? **The SFMO is requiring new HVAC equipment to meet the 2012 IMC.**
 - d. What other code requirement besides the required State of TN, ASME CSD-1 code requirement are there to meet local jurisdiction? **TN State Boiler Code – Rules of the TN Department of Labor and Workforce Development Division of Workplace Regulations and Compliance Board of Boiler Rules, Chapter 0800-03-03 Boiler Inspections**
 - e. What is the feed-water inlet temperature? **It will be close to the 210 – 212 degree F range.**
 - f. Will the condensate return unit suffice as boiler feedwater vessel per code providing proper feedwater temperature or is the boiler oversized to accommodate loss in BTU's from sub 212°F Feedwater temperatures? **The boiler size specified matches that of the existing boiler that it's replacing.**
 - g. Are we making a new roof penetration for new 12" stack or are we running it back to existing chimney? **Yep, to be in compliance with the manufacturer's requirements, we will need to run a new stack and new roof penetration.**

DRAWINGS:

1. **DRAWING M-10** - See revisions marked Addendum #1.
2. **DRAWING M-11** – See revisions marked Addendum #1.

SPECIFICATIONS:

END OF ADDENDUM 1

OFFICE OF THE SULLIVAN COUNTY PURCHASING AGENT
 3411 HIGHWAY 126-SUITE 201
 BLOUNTVILLE, TN 37617-0569

KRISTINIA DAVIS
 PURCHASING AGENT

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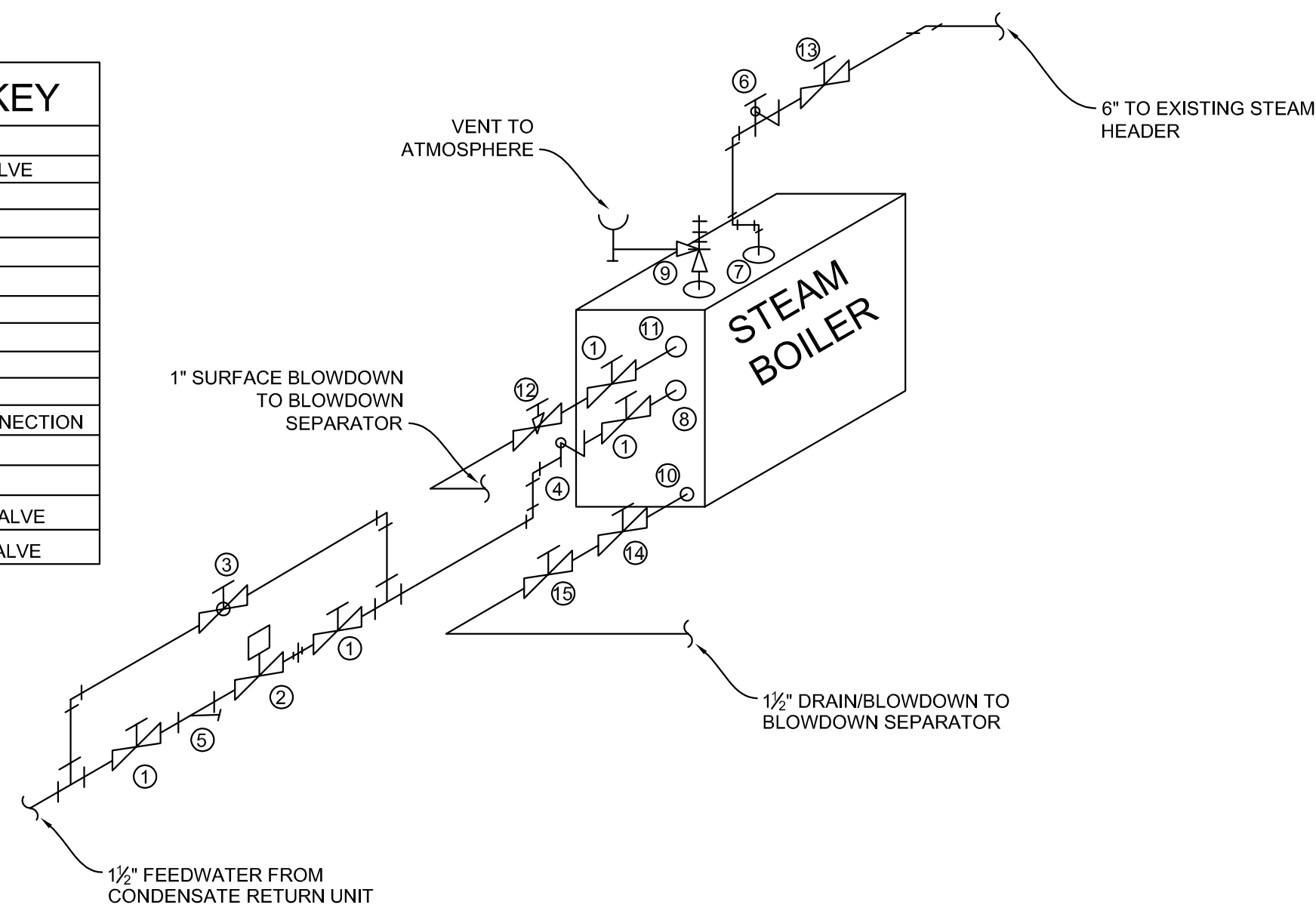
PRE-BID ATTENDANCE RECORD

DATE: 09.12.23 TIME: 2:00 PM
 PROJECT DESCRIPTION: Mary Hughes ES Boiler Replacement
 LOCATION OF PROJECT: Mary Hughes Elementary School

*NOTE: MANDATORY PRE-BID MEETING REQUIRES REPRESENTATION OF COMPANY AGENT, VERIFIED BY REGISTRATION, TO AFFORD AN OPPORTUNITY FOR COMPANY TO OFFER A PRICED PROPOSAL.

YOUR NAME	COMPANY / AGENCY	PHONE NUMBER	EMAIL ADDRESS
Kolby Youell	Premier Boiler and Combustion	706-934-9908	K.Youell@PremierBoiler.com
MIKE TADLOCK	Axied Piping Co	123 929 9178	APC37601@aol.com
Keith Rhymmer	HVAC, INC.	423-361-9502	KRhymmer@hvac-inc.com
CHARLES HUBBARD	SUBE	423-354-1151	CHARLES HUBBARD@SULLIVAN.K12.TN.GOV
DAVID McINNEL	S.B. WHITE CO	423-926-8127	dmckinney@sbwhiteco.com
RICK LUTZ	CRW		RICKL@GIEC126.COM
MILT LIEBKE	CRW	423-383-5430	MILT@GACINC.COM

IDENTIFICATION KEY	
1.	GATE VALVE
2.	SOLENOID / MOTORIZED VALVE
3.	GLOBE VALVE
4.	CHECK VALVE
5.	STRAINER
6.	STOP/CHECK VALVE
7.	SUPPLY CONNECTION
8.	FEED CONNECTION
9.	RELIEF VALVES
10.	BLOWDOWN CONNECTION
11.	SURFACE BLOWDOWN CONNECTION
12.	NEEDLE VALVE
13.	STEAM STOP VALVE
14.	QUICK OPEN BLOWDOWN VALVE
15.	SLOW OPEN BLOWDOWN VALVE

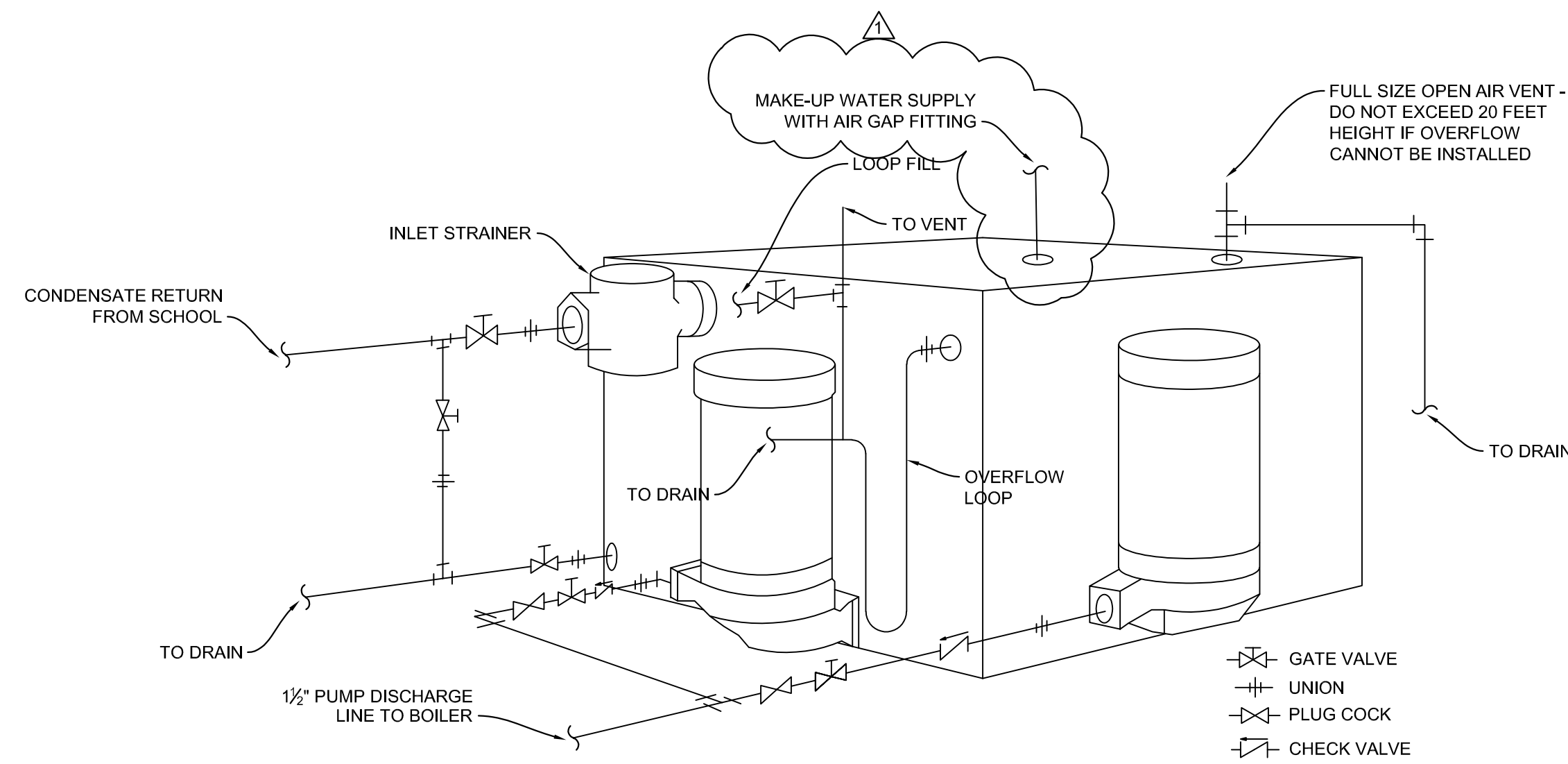


STEAM BOILER PIPING DIAGRAM

STEAM BOILER SCHEDULE

FUEL	MBH _{IN}	MBH _{OUT}	VOLTS & PHASE	FLA	MANUFACTURER & MODEL NO.	OPERATING WEIGHT (LBS)
NATURAL GAS	3,000	2,474	208V-3Ø	12	BRYAN AB-300	5100

- NOTES:
- PROVIDE FORCED DRAFT NATURAL GAS BURNER; PRESSURE RANGE FROM 7" TO 14" W.C.
 - PROVIDE STEAM PRESSURE GAUGE, STEAM PRESSURE CONTROL, LOW WATER CUTOFF, AUXILIARY LOW WATER CUTOFF, HIGH LIMIT PRESSURE CONTROL, & ASME-RATED SAFETY VALVE
 - PROVIDE ELECTRONIC COMBUSTION SAFETY CONTROL, AUTOMATIC OPERATING GAS VALVE, SAFETY GAS VALVE, PILOT SOLENOID VALVE, PILOT IGNITION ASSEMBLY, MAIN MANUAL GAS SHUT-OFF VALVE, PILOT COCK, PILOT & MAIN GAS PRESSURE REGULATORS, AIR SAFETY SWITCH, AND CONTROL PANEL.



BOILER FEED UNIT PIPING DIAGRAM



BOILER REPLACEMENT for

MARY HUGHES
ELEMENTARY SCHOOL

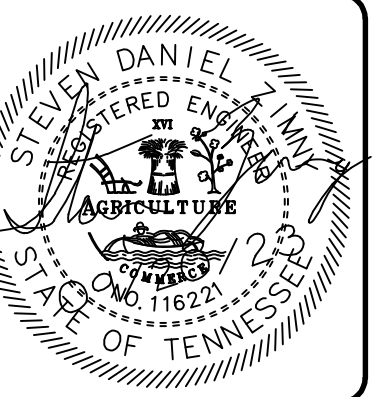
Piney Flats, Tennessee



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THIS DRAWING AS PREPARED BY CainRashWest Architects SHALL BE USED FOR THE SPECIFIC IDENTIFIED PROJECT ONLY. THIS DRAWING IS THE PROPERTY OF CainRashWest Architects AND SHALL BE RETURNED PER THEIR REQUEST

no.	date	rev. description



issued	25 AUG 2023
checked	SDZ
drawn	SDZ
project no.	202287A

SCHEDULES & DETAILS

M-11

