

---

**SAN FRANCISCO UNIFIED SCHOOL DISTRICT  
2011 PROPOSITION A BOND PROGRAM  
PRESIDIO MS BOILER REPLACEMENT PROJECT**

---

**ADDENDUM NO. 2**

**PROJECT:** Presidio MS Boiler Replacement  
450 30<sup>th</sup> Avenue, SF 94121

**DATE:** January 31, 2014

**OWNER:** San Francisco Unified School District  
135 Van Ness Avenue  
San Francisco, CA 94102

**DSA FILE NO.:** NA

**DSA APP. NO.:** NA

Notice is hereby given to all prospective bidders that plans and specifications on the subject project are modified as hereinafter set forth. This Addendum shall be attached to and form a part of the plans and specifications. All bidders must acknowledge receipt of this addendum on the Bid Form. In case of difference with previous addenda or communications, this addendum takes precedence.

It is the responsibility of all bidders to notify all subcontractors from whom they request bids and from whom they accept bids of all changes contained in this addendum.

**PROJECT MANUAL**

**1. Item No. PM-1 (NOT USED)**

**DRAWINGS**

**1. ITEM NO. AD2-1**

**Narrative Only**

**Reference: A2.01, Sheet Notes**

Description: Add Sheet Note 8 to read:

- “8. Existing chimney walls at the flue are concrete with a fire brick inner lining. Total wall thickness of 13 inch thick at the Basement level and 10-1/2 inch thick from 1<sup>st</sup> through Roof Levels. The concrete walls are reinforced with horizontal and vertical steel as follows:
  - Basement Floor - 1/2” diameter horizontal steel at 12” O.C. and 1/2” diameter vertical steel at 12” O.C.
  - 1<sup>st</sup> & 2nd Floor – 3/8” diameter horizontal steel at 12” O.C. and 1/2” diameter vertical steel at 12” O.C.
  - 3rd Floor & Roof – 3/8” diameter horizontal steel at 12” O.C. and 3/8” diameter vertical steel at 12” O.C.

**2. ITEM NO. AD2-2**

**Narrative Only**

**Reference: A2.01, Key Notes**

Description: ADD Paragraph to Key Note 4 to read:

- Existing chimney wall shall be sawcut to provide an opening, minimum 2 feet x 2 feet and maximum 4 feet x 4 feet, at each floor level, to allow access into chimney in order to install new boiler flue and water heater vent. See Mechanical Drawings.

**3. ITEM NO. AD2-3**

**Sketch: AD2-MSK-1**

**Reference: M2.01**

Description: Revise piping at boiler per attached sketch

**4. ITEM NO. AD2-4**

**Sketch: AD2-MSK-2**

**Reference: M4.01**

Description: Revise piping at boiler per attached revised detail #5

**5. ITEM NO. AD2-5**

**Sketch: AD2-MSK-3**

**Reference: M4.01**

Description: Revise piping at boiler per attached revised detail #6

**RFI REPOSSES: N/A**

**1. Question/Issue: (NOT USED)**

**Response: (NOT USED)**

**END OF BID ADDENDUM ITEMS**

**ATTACHMENTS:**

**Project Manual:**

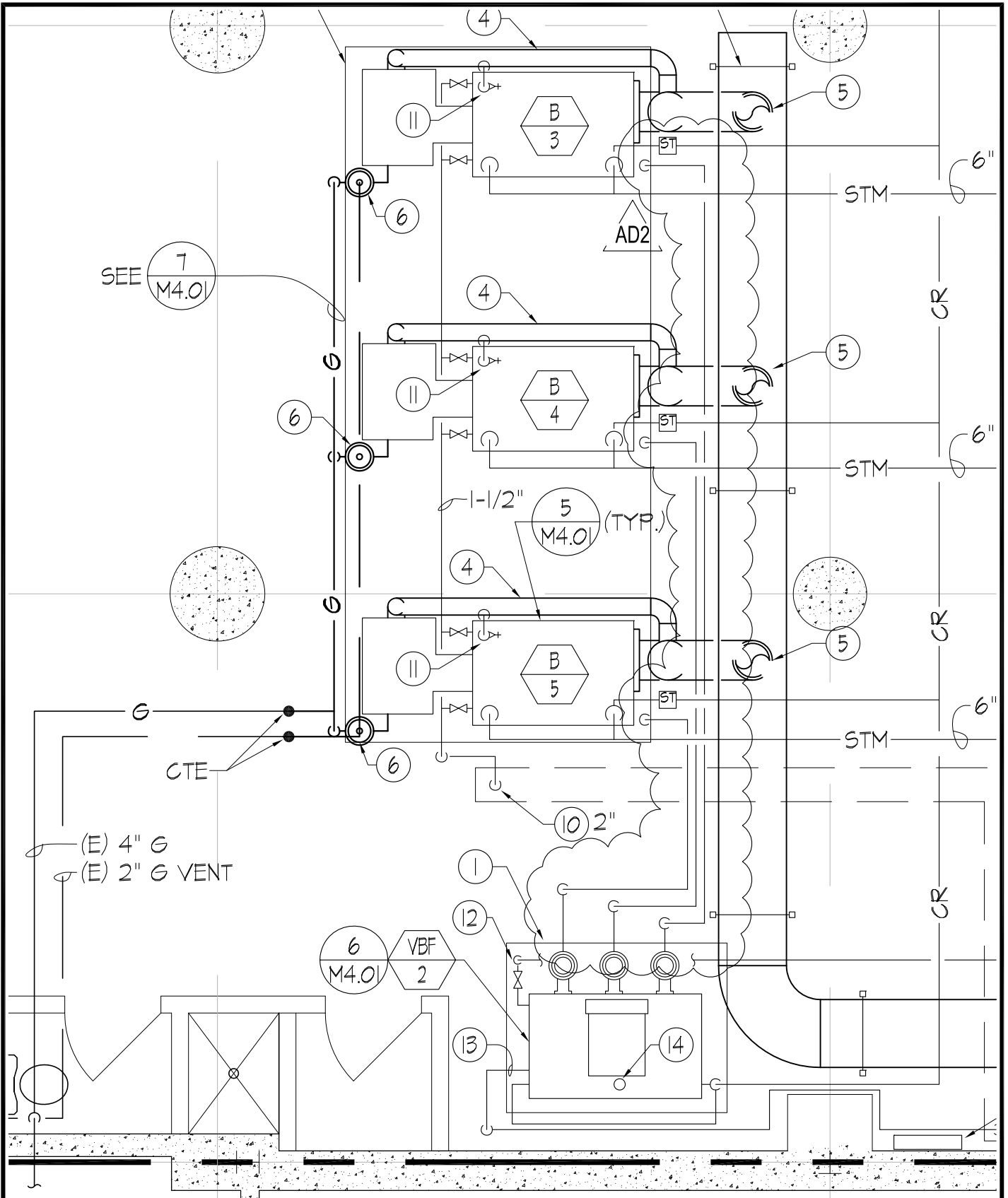
**(NOT USED)**


**Drawings (Sketches):**

AD2-MSK-1

AD2-MSK-2

AD2-MSK-3



Drawing Title <b>REVISED FLOOR PLAN M2.01</b>	Status <b>Addendum No.2</b>	Scale <b>1/4"=1'-0"</b>	Date <b>1/31/14</b>
 <b>LAWS &amp; ASSOCIATES, Inc.</b> MECHANICAL CONSULTING ENGINEERS 1801 MURCHISON DRIVE, SUITE 160 BURLINGAME, CALIFORNIA 94010 (650) 697-5681 FAX: (650) 697-5692	Project Information <b>Presidio Middle School</b> <b>Boiler Replacement</b> <b>San Francisco, CA</b>	Client <b>SFUSD</b> <b>135 Van Ness Avenue</b> <b>San Francisco, CA 94102</b>	SFUSD Project Number <b>11514</b> Sheet <b>AD2-MSK-1</b> <b>OF</b>

**NOTE:**

BOILER HEADER: PIPE WITH OFFSET TO ALLOW FOR HEADER EXPANSION. USE THREADED FITTINGS FOR SWING JOINTS. OFFSET HEADER REQUIRED TO PREVENT DAMAGE TO BOILER FROM EXPANSION OF HEADER

SAFETY RELIEF VALVE, PIPE TO DRAIN

2" SKIM CONNECTION  
6" STEAM SUPPLY  
6" HEADER  
24" MIN

2-1/2" EQUALIZER  
WET OVERFLOW LEVEL APPROX. 2"-3" ABOVE BOILER WATER LINE

STRAINER  
PIPE OVERFLOW F&T TRAPS 2" ABOVE NORMAL WATER LINE

4" SUPPLY OUTLET  
NORMAL WATER LINE

2" TO 4"

FROM BOILER FEED

CHECK VALVE  
SOLENOID VALVE

HARTFORD LOOP WITH BLOWDOWN VALVE; USE CLOSE NIPPLE ONLY

3" REAR RETURN INLET

BURNER ASSY



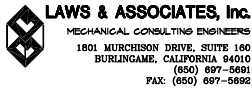
BOILER PIPING SHALL BE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS

Drawing Title  
REVISED PIPING DETAIL 5/M4.01

Status  
Addendum No.2

Scale  
N.T.S.

Date  
1/31/14

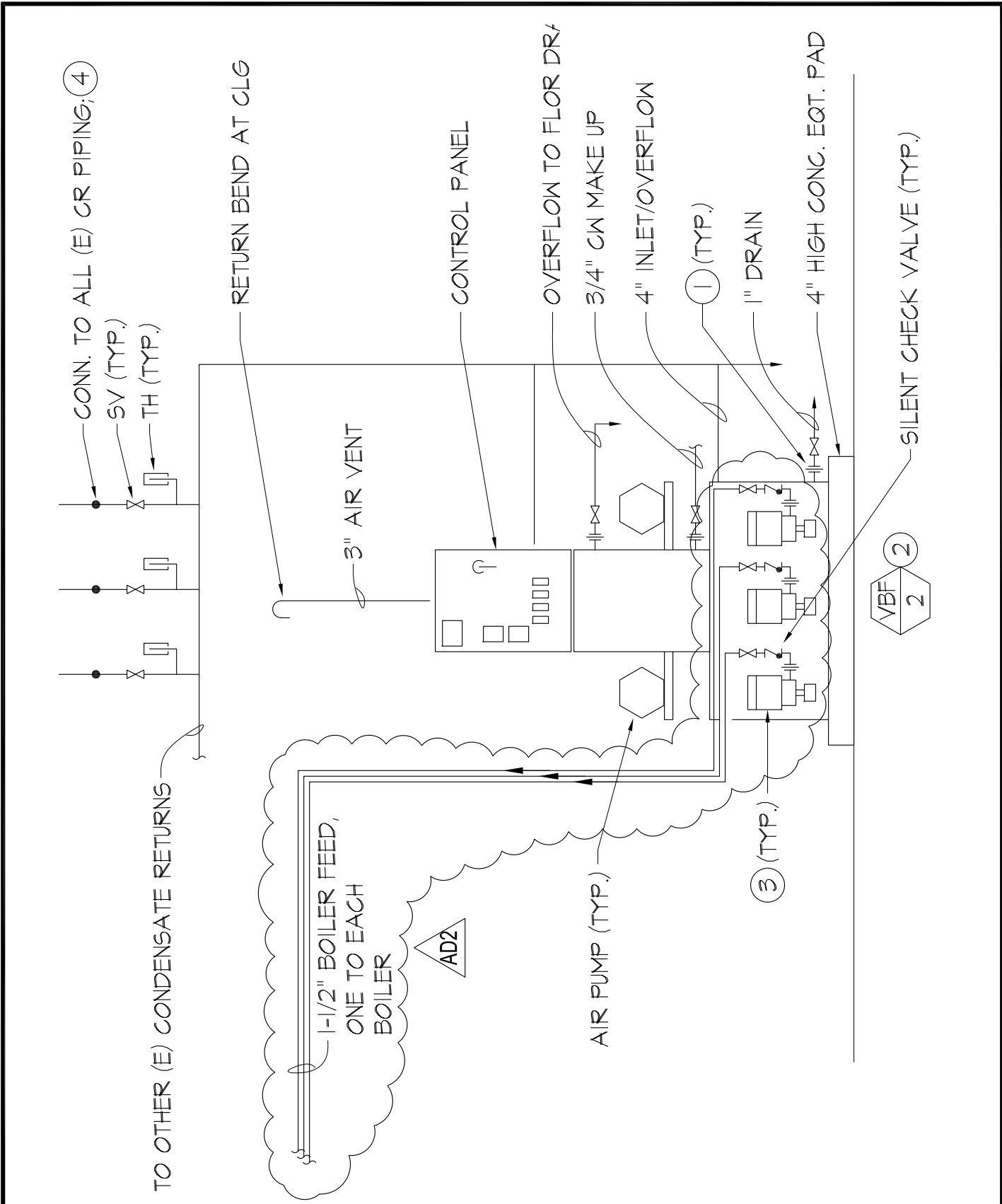



Project Information  
Presidio Middle School  
Boiler Replacement  
San Francisco, CA

Client  
SFUSD  
135 Van Ness Avenue  
San Francisco, CA 94102

SFUSD Project Number  
11514

Sheet  
AD2-MSK-2  
OF



Drawing Title <b>REVISED PIPING DETAIL 6/M4.01</b>	Status <b>Addendum No.2</b>	Scale <b>N.T.S.</b>	Date <b>1/31/14</b>
 <b>LAWS &amp; ASSOCIATES, Inc.</b> MECHANICAL CONSULTING ENGINEERS 1801 MURCHISON DRIVE, SUITE 180 BURLINGAME, CALIFORNIA 94010 (650) 697-5691 FAX: (650) 697-5892	Project Information <b>Presidio Middle School</b> <b>Boiler Replacement</b> <b>San Francisco, CA</b>	Client <b>SFUSD</b> <b>135 Van Ness Avenue</b> <b>San Francisco, CA 94102</b>	SFUSD Project Number <b>11514</b> Sheet <b>AD2-MSK-3</b> <b>OF</b>