



ADDENDUM No. 1

PROJECT NAME: Alamodome Boiler Replacement

DATE: March 18, 2024

PROJECT NO: 45-00052

This addendum is separated into sections for convenience; however, all respondents, bidders, contractors, subcontractors, material men, and other parties must be responsible for reading the entire addendum. The failure to list an item or items in all affected sections of this addendum does not relieve any party affected from performing as per instructions, providing that the information is set forth one time any place in this addendum. These documents will be attached to and will become part of the Contract Documents for this project. The respondent/bidder is required to acknowledge the receipt of this addendum.

GENERAL:

1. The following changes and/or additions to the Contract Documents, via this addendum, must apply to proposals made for and to the execution of the various parts of the work affected thereby.
2. Careful note of the Addendum must be taken by all interested parties and all trades affected must be fully advised in their performance of the work involved.
3. This Addendum is hereby made part of the project requirements and contract documents for the above reference project. Ensure to acknowledge this Addendum in CivCast when downloading this Addendum. Acknowledgement of this Addendum is a requirement in order to submit bid in CivCast. This addendum consists of the items and their associated attachments as listed below:

A. ADMINISTRATIVE CHANGES TO BID DOCUMENTS:

1. NA

B. CHANGES TO PLANS / SPECIFICATIONS:

1. SHEET MD1.1 – REVISE DELMOLITION EXTENT OF EXISTING BOILER FLUE.
2. SHEET M1.1 – REVISE BOILER FLUE CONFIGURATION.

C. QUESTIONS & RESPONSES:

1. WHEN DO YOU ANTICIPATE THE WORK TO BE PERFORMED?

RESPONSE: WORK IS EXPECTED TO BE PERFORMED THIS YEAR.

2. WHEN DOES THE WORK NEED TO BE COMPLETED BY?

RESPONSE WORK IS EXPECTED TO BE COMPLETED BY THIS YEAR.

3. PLEASE PROVIDE THE ROOFING / STRUCTURAL REQUIREMENTS FOR THE NEW FLUE PIPE ROOF PENETRATIONS ON THE BOILER ROOM. SHEET M1.1 DETAIL 3 APPEARS TO HAVE A FLUE PENETRATION DOG HOUSE THAT MAY REQUIRE SOME TYPE OF WEATHERPROOFING. GOOGLE EARTH APPEARS TO SHOW A FLAT ROOF PENETRATION W/ WEATHERPROOFED FLUE PIPE. PLEASE PROVIDE CLARIFICATION.

RESPONSE: REFER TO REVISED DRAWINGS IN ADDENDUM NO.1, EXISTING FLUES TO BE REUSED. NO ROOF WORK REQUIRED.

4. THE BYPASS AND DP SENSORS REQUESTED ON ALTERNATE WILL REQUIRE A SHUTDOWN FOR CUT IN TEES, DUE TO HOT TAPPING 3" ON 4" WILL NOT BE POSSIBLE. PLEASE CONFIRM THAT A SHUTDOWN WILL BE ACCEPTABLE.

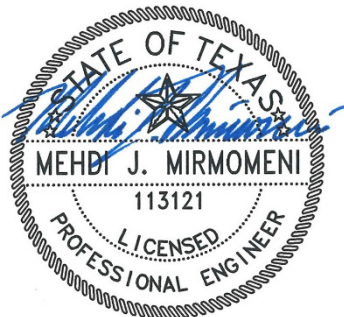
RESPONSE: GC MUST COORDINATE ALL SHUTDOWNS WITH FACILITY MANAGEMENT STAFF. PIPING LOOP HAS ISOLATION VALVES LOCATED AT EACH MEZZANINE.

5. AS DISCUSSED ON SITE, IT IS UNDERSTOOD THAT A NEW 6" CONCRETE PAD WILL BE Poured ON TOP OF THE EXISTING 4" BOILER PAD. PLEASE CONFIRM.

RESPONSE: REFER TO DETAIL NOTATIONS ON FLOW DIAGRAM 3/M1.1. CONFIRMED.

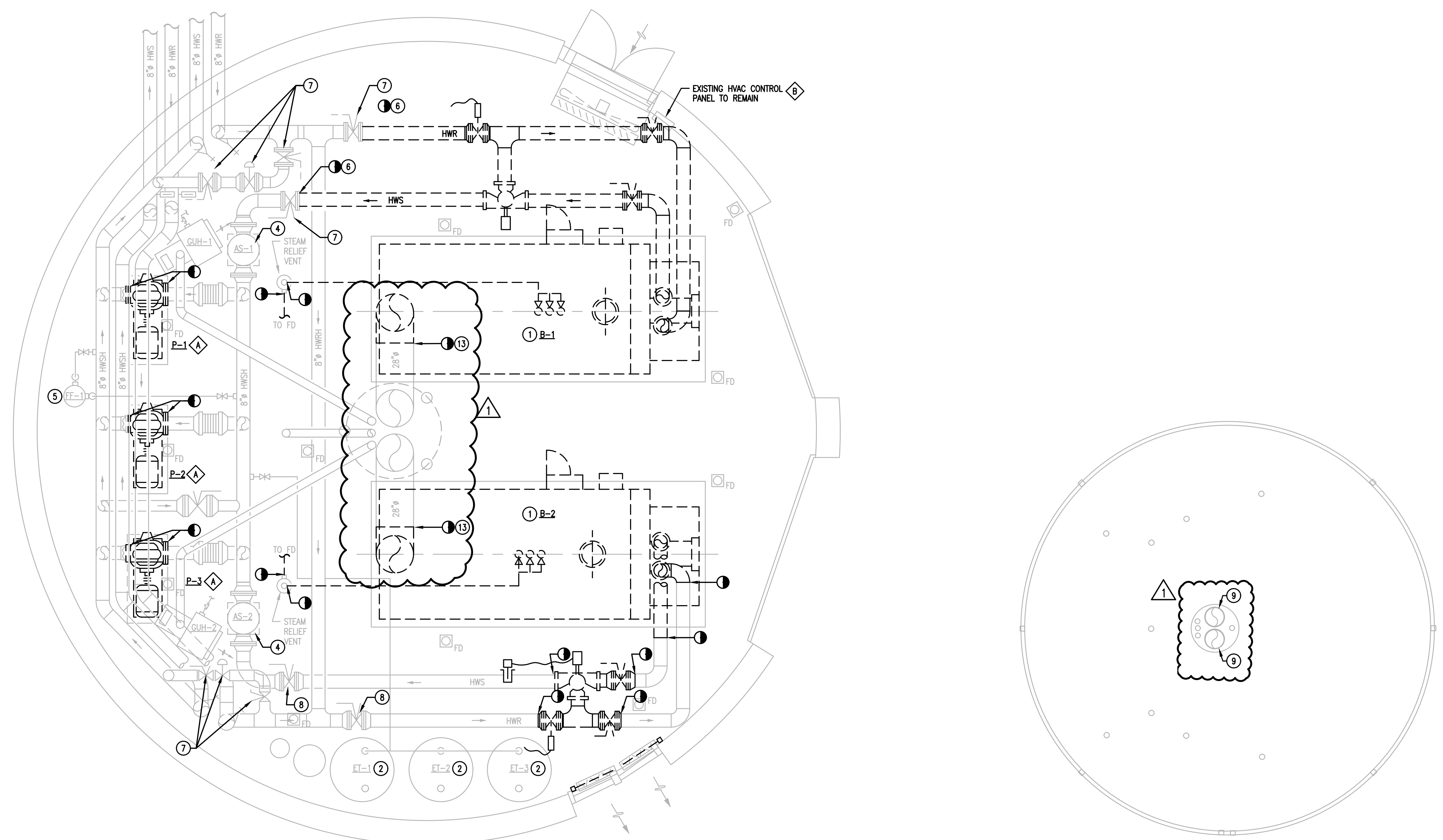
SIGNED AND SEALED BY CONSULTANT (Engineer/Architect of Record)

By signing and sealing this addendum, the Engineer/Architect of Record acknowledges that the sign/seal is only for changes/clarifications to the items associated with the Engineer's/Architect's work referenced in this addendum.

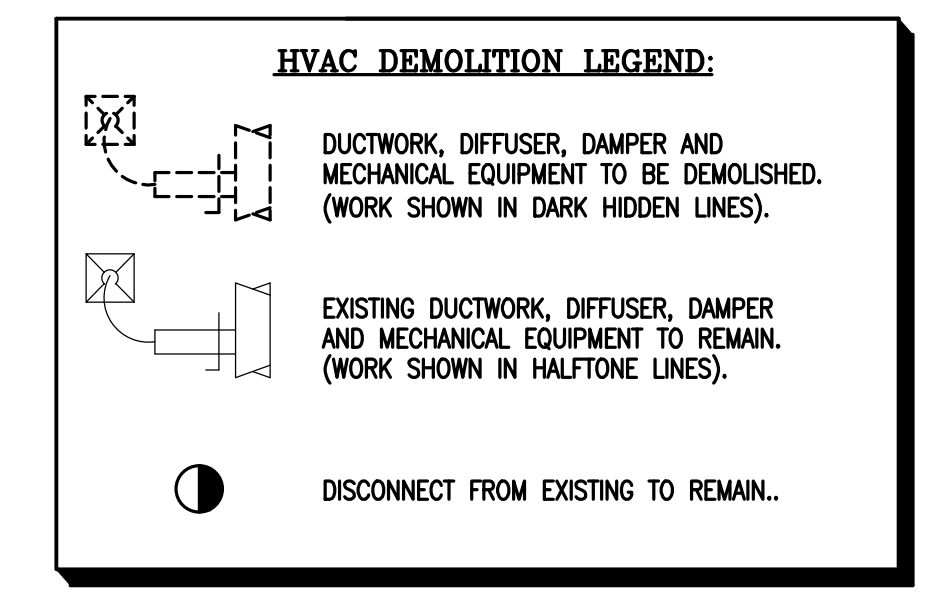


3/15/2024

END OF ADDENDUM NO. 1



BID ALTERNATE PACKAGE 1
 CONTRACTOR TO PROVIDE SEPARATE PRICING FOR BID ALTERNATE PACKAGE #1. ALL MECHANICAL WORK ASSOCIATED WITH BID ALTERNATE PACKAGE #1 SHALL BE MARKED/NOTED WITH KEYED NOTE SYMBOL.



BID ALTERNATE #1 - KEYED NOTES

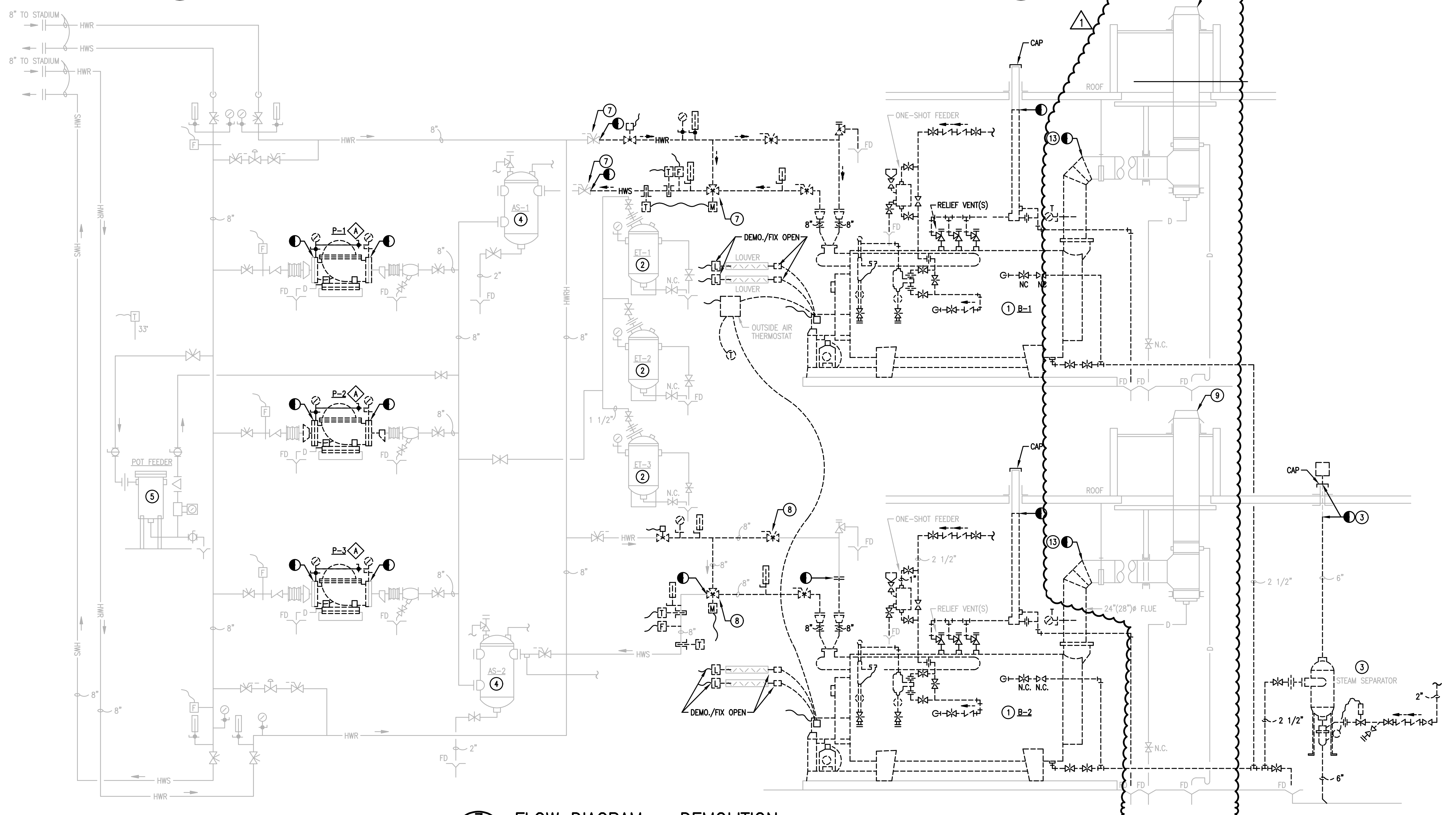
- ① DEMOLISH EXISTING PUMP.
- ② EXISTING CONTROL PANEL IN BOILER ROOM TO BE REPLACED/UPGRADED. ALL EXISTING POINTS TO REMAIN SHALL BE CONNECTED TO NEW CONTROLLER. IT IS THE INTENT OF THESE CONTRACT DOCUMENTS TO PROVIDE ALL NECESSARY UPDATES AND CONTROL LOGIC FOR A COMPLETE WORKING SYSTEM. REFER TO BOILER SEQUENCE OF OPERATION.

KEYED NOTES

- ① DEMOLISH EXISTING BOILER.
- ② EXISTING EXPANSION TANK TO REMAIN.
- ③ DEMOLISH FLASH TANK AND VENT CAP PIPING THRU ROOF.
- ④ EXISTING AIR SEPARATOR TO REMAIN.
- ⑤ EXISTING POT FEEDER TO REMAIN.
- ⑥ CAP PIPING. PROVIDE WELD NECK AND BLIND FLANGE.
- ⑦ FIX VALVE TO CLOSED POSITION.
- ⑧ FIX VALVE TO OPEN POSITION.
- ⑨ EXISTING FLUE VENT STACK THRU ROOF TO REMAIN.
- ⑩ CAP VENT THRU ROOF AND ABANDON IN PLACE.
- ⑪ DEMOLISH ISOLATION VALVE.
- ⑫ DEMOLISH CONTROL VALVE. REMOVE CONTROL PNEUMATICS BACK TO PANEL.
- ⑬ DEMOLISH EXISTING BOILER VENT SYSTEM TO THIS APPROXIMATE LOCATION. REFER TO NEW WORK FOR NEW BOILER VENT CONNECTION.

1 FLOOR PLAN - MECHANICAL - DEMOLITION
 MD1.1 SCALE: NOT TO SCALE

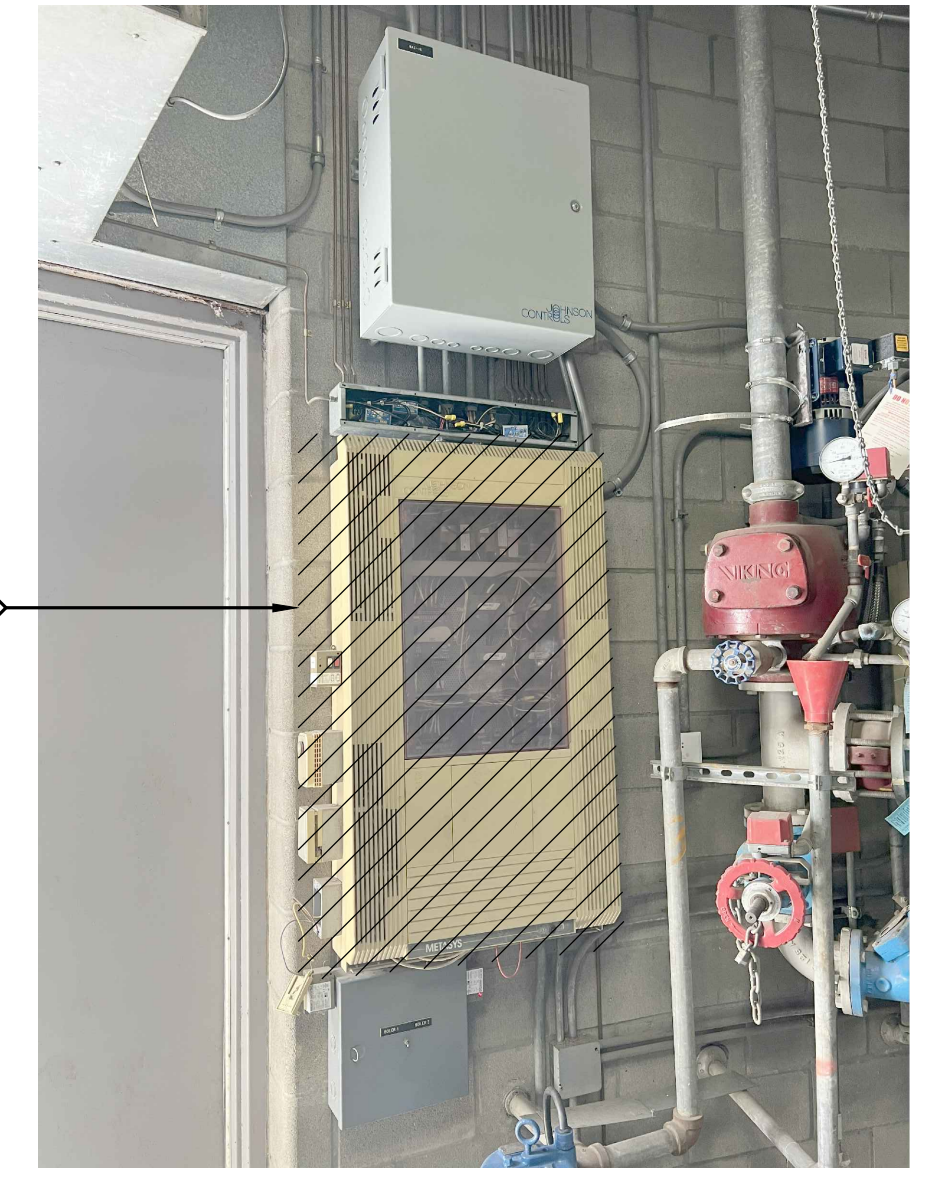
2 ROOF PLAN - MECHANICAL - DEMOLITION
 MD1.1 SCALE: NOT TO SCALE



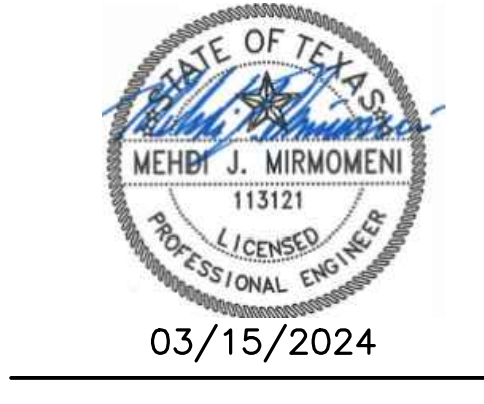
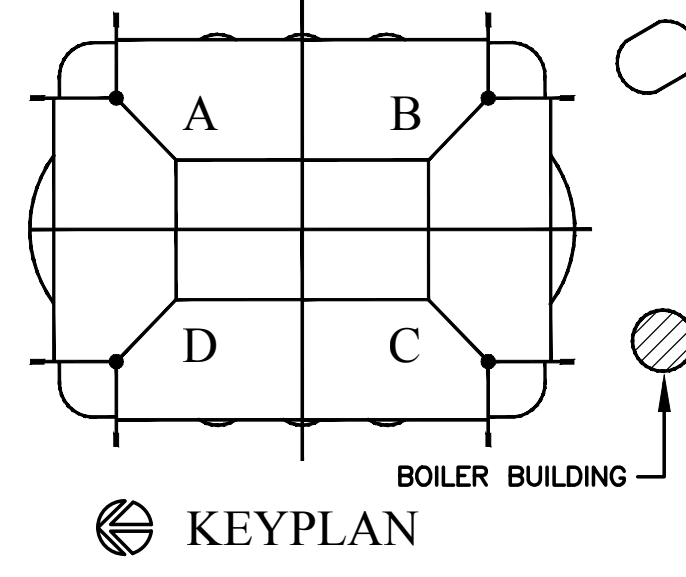
3 FLOW DIAGRAM - DEMOLITION
 MD1.1 SCALE: NOT TO SCALE



3 TYPICAL PUMP DEMOLITION
 MD1.1 SCALE: NOT TO SCALE



4 PNEUMATIC CONTROL PANEL
 MD1.1 SCALE: NOT TO SCALE



100% CONSTRUCTION DOCUMENTS

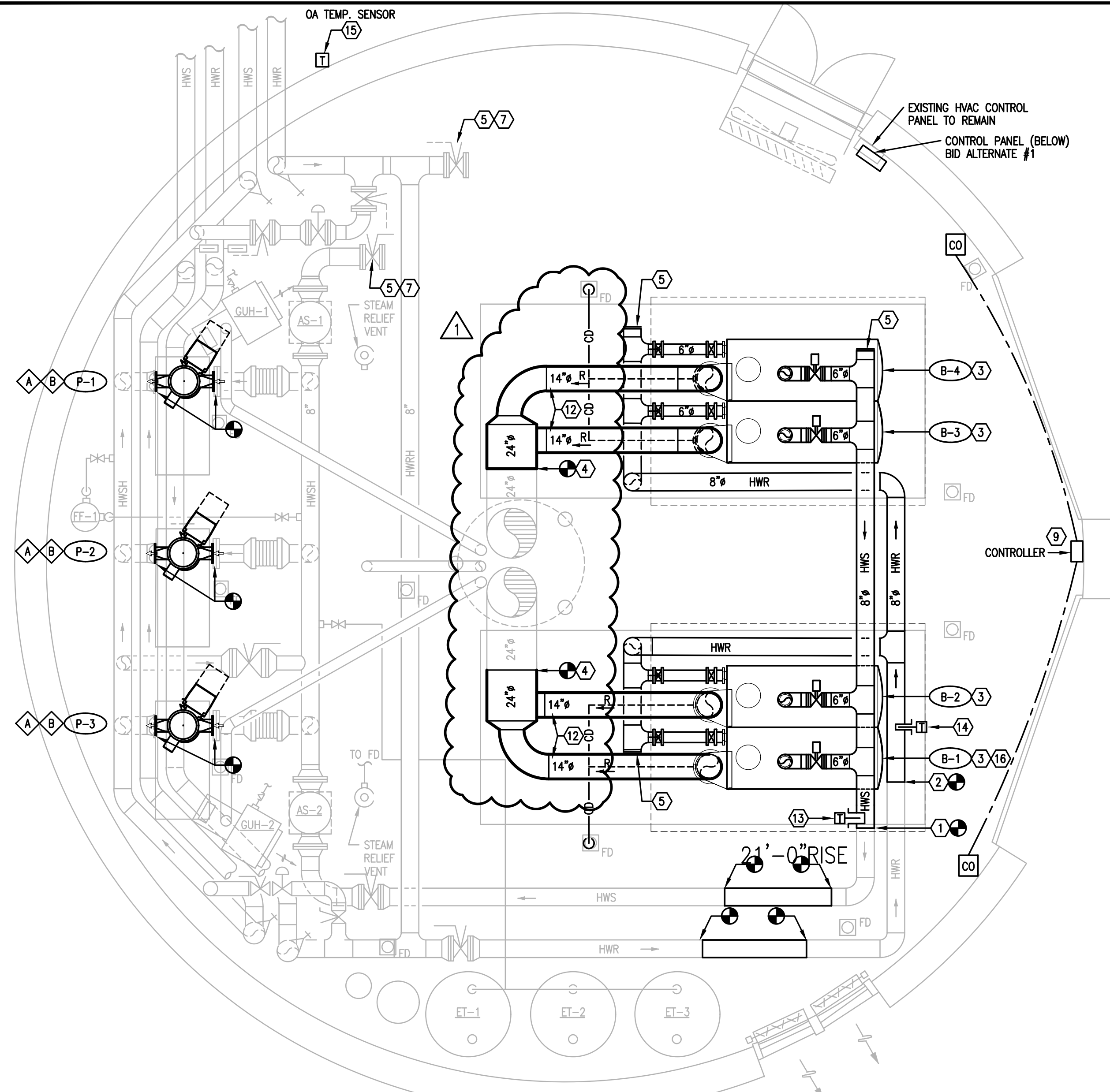
ALAMOSOME BOILER REPLACEMENT
 100 MONTANA ST SAN ANTONIO, TEXAS 78203

SHEET TITLE
FLOOR & ROOF PLANS - MECHANICAL - DEMOLITION

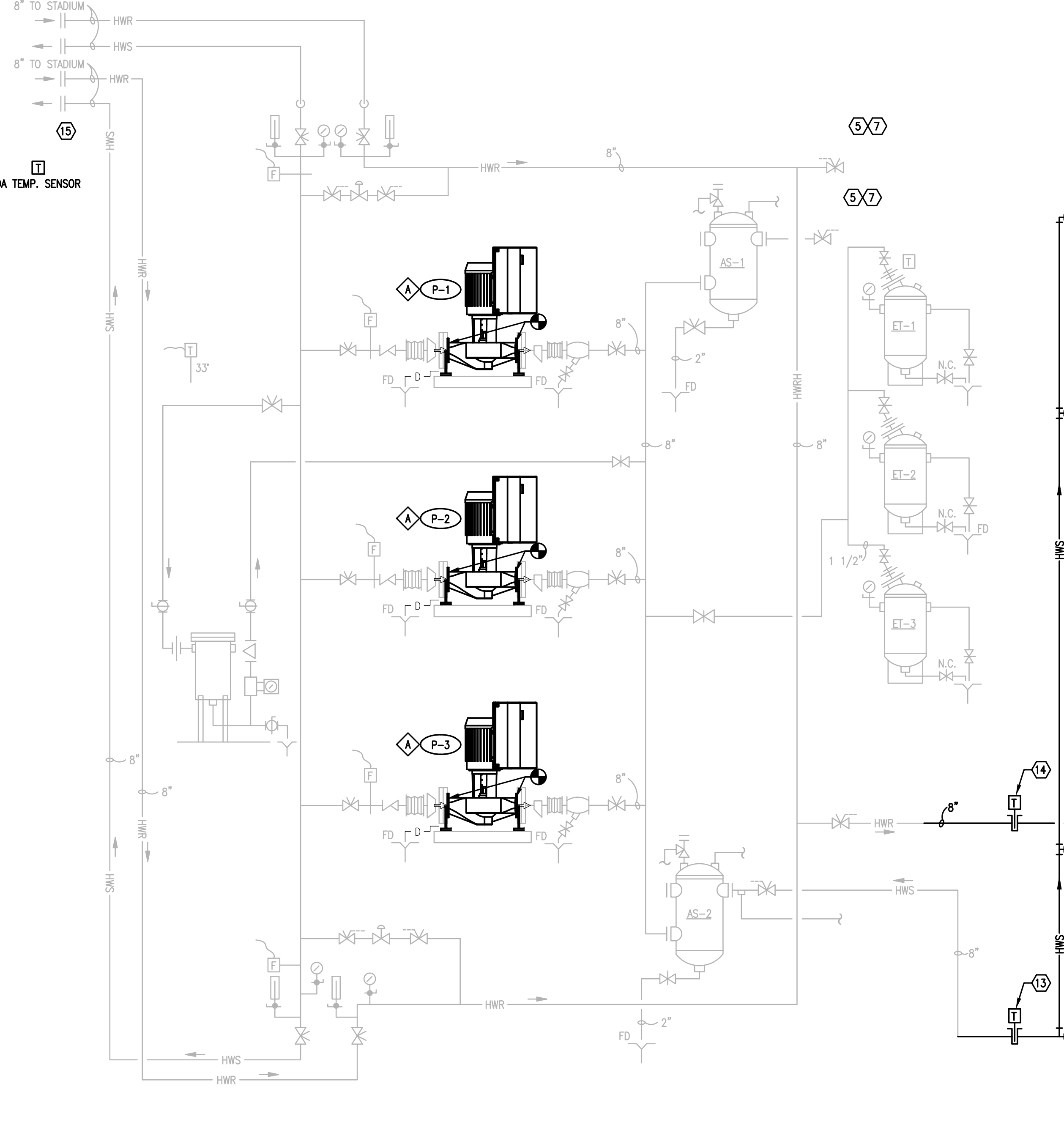
DRAWN STAFF
 CHECKED MUM
 DATE 11/21/2023
 PROJECT NO. 99000100

REVISIONS
 ADDENDUM No. 1 - 03.15.2024

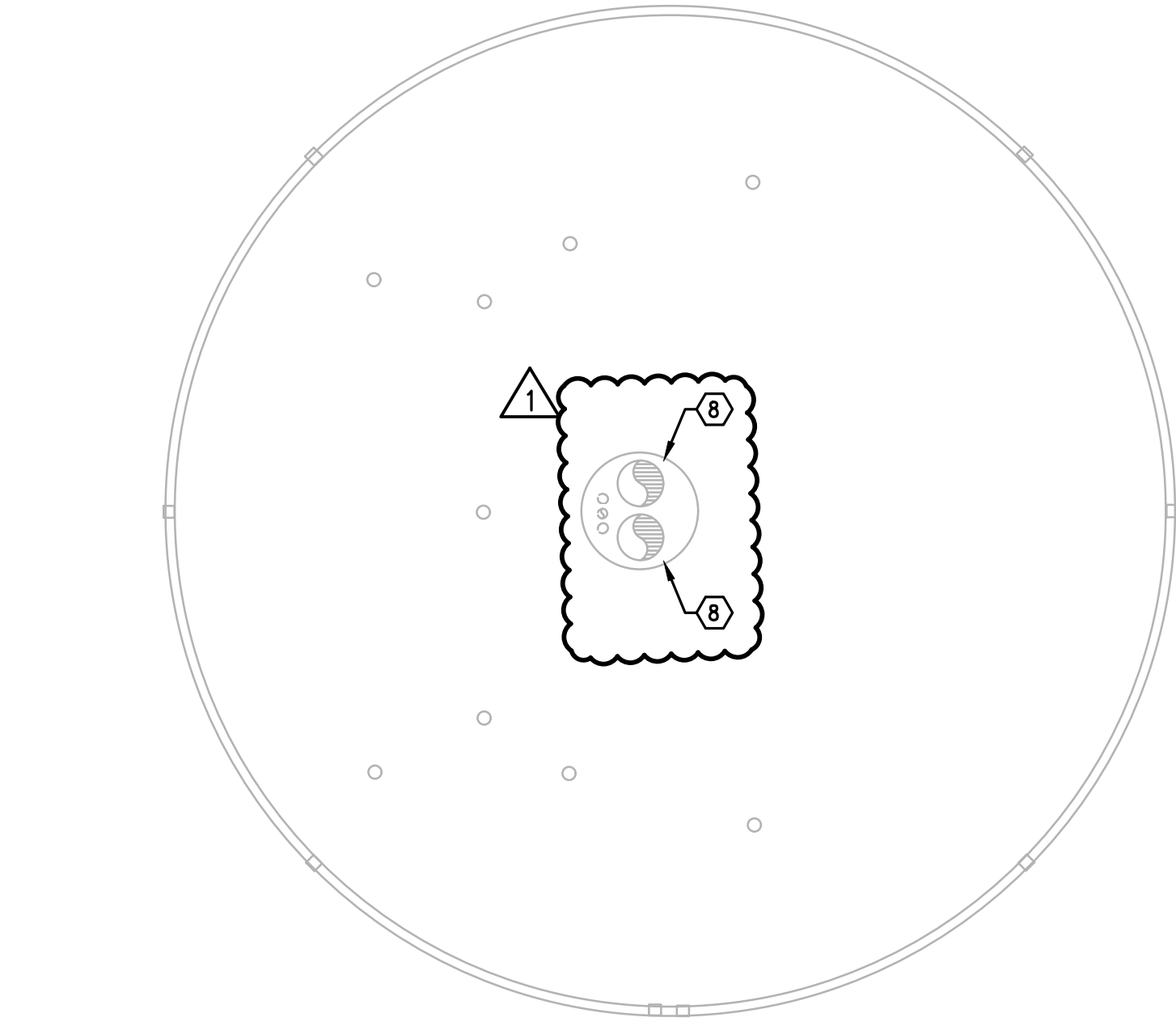
SHEET NO.
MD1.1



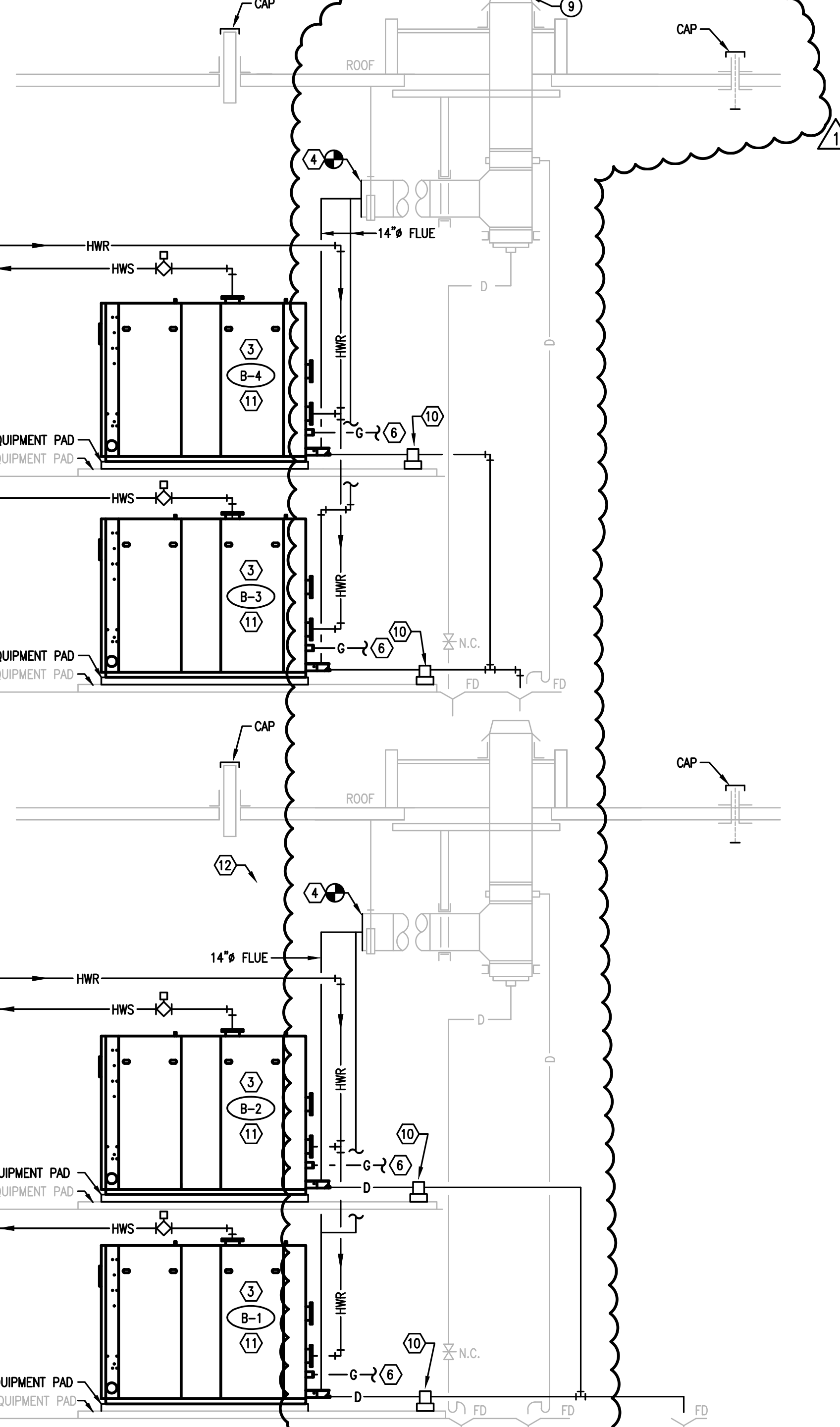
1 FLOOR PLAN - MECHANICAL
M1.1 SCALE: 1/4" = 1' 0"



3 FLOW DIAGRAM
M1.1 SCALE: NOT TO SCALE

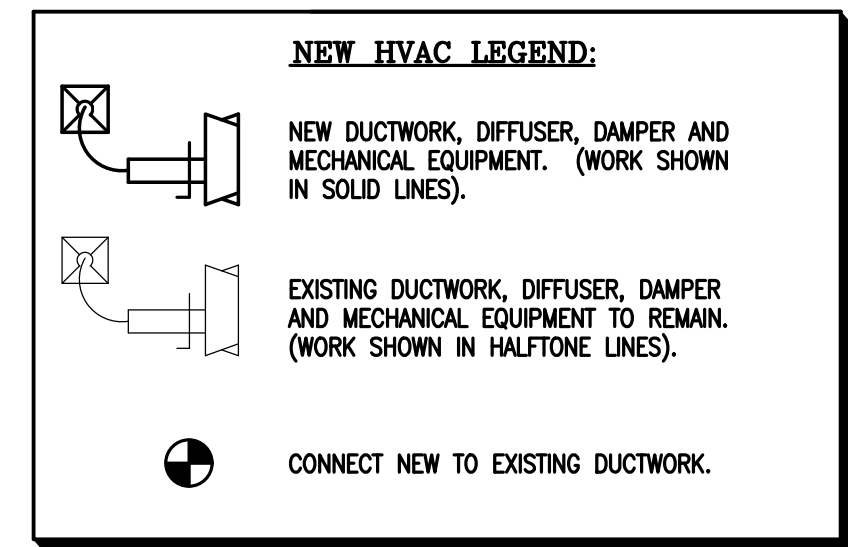


2 ROOF PLAN - MECHANICAL
M1.1 SCALE: 1/8" = 1' 0"

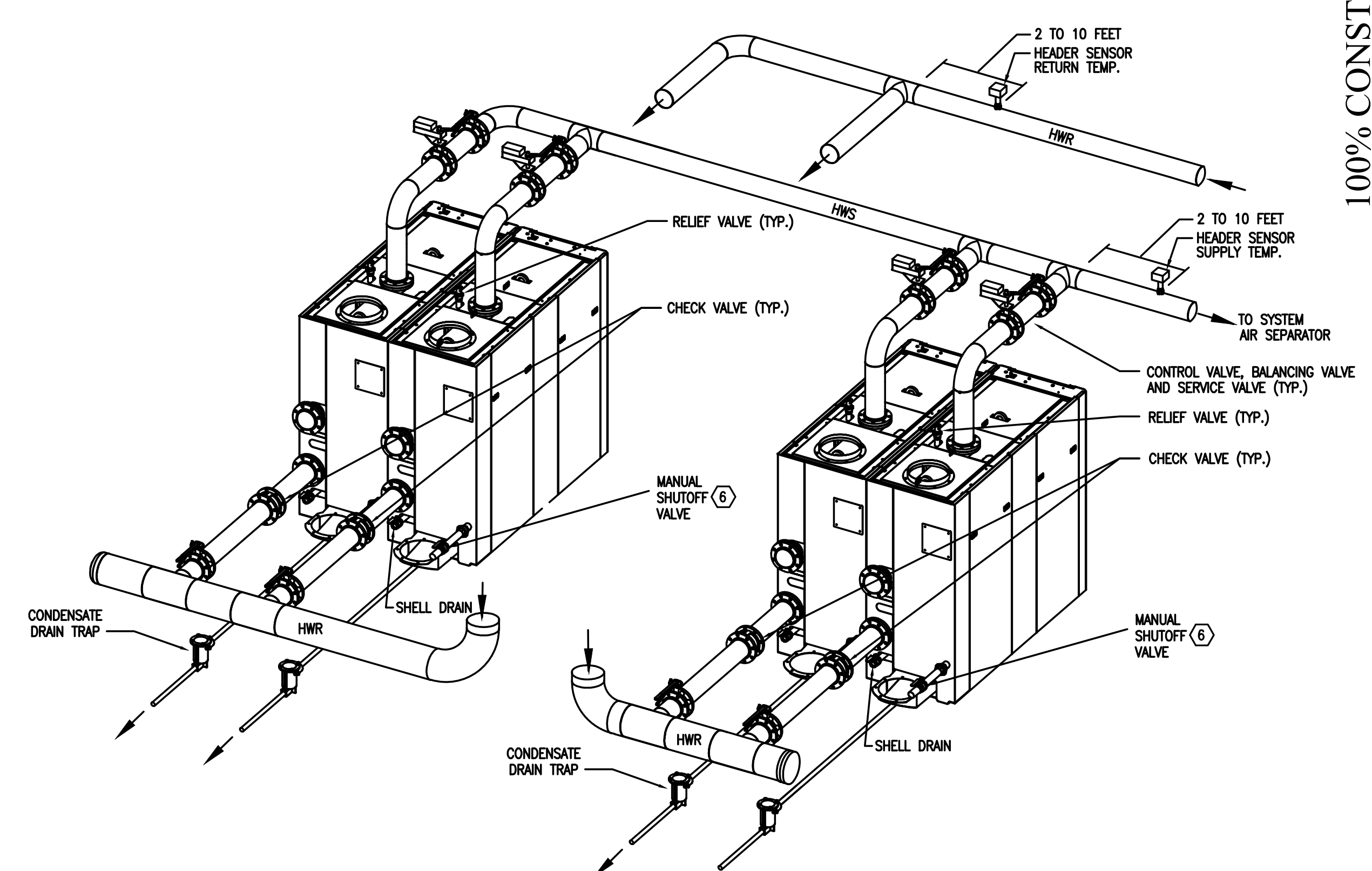


BID ALTERNATE PACKAGE 1
CONTRACTOR TO PROVIDE SEPARATE PRICING FOR BID ALTERNATE PACKAGE #1. ALL MECHANICAL WORK ASSOCIATED WITH BID ALTERNATE PACKAGE #1 SHALL BE MARKED/NOTED WITH KEYED NOTE SYMBOL.

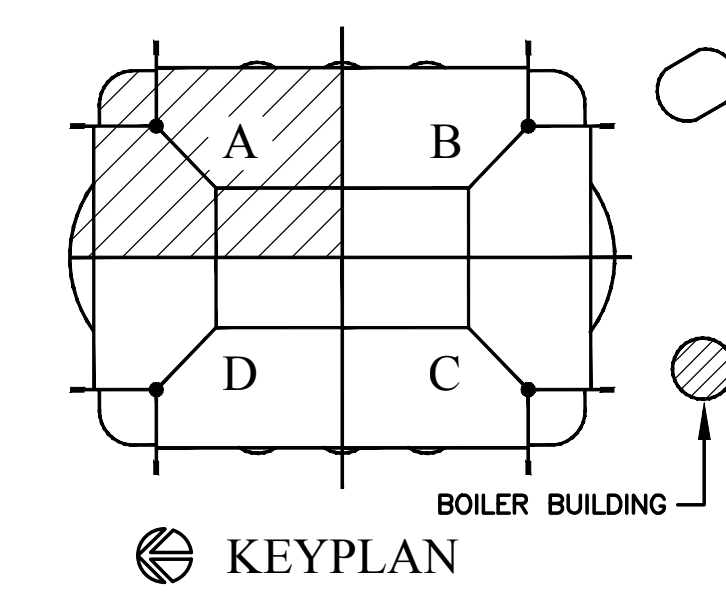
BID ALTERNATE #1 - KEYED NOTES
 1 FURNISH AND INSTALL HOT WATER PUMP ON EXISTING EQUIPMENT PAD. CONTRACTOR SHALL INSTALL AND MODIFY/EXTEND HW PIPING FOR A COMPLETE WORKING SYSTEM PER MANUFACTURERS SPECIFICATIONS.
 2 CONDUCT PRE-AUDIT OF HOT WATER HEATING LOOP AT MAX FLOW CONDITIONS. PROVIDE REPORT TO ENGINEER INDICATING TOTAL MAX FLOW IN GPM AND CORRESPONDING DIFFERENTIAL PRESSURE OF THE LOOP.



KEYED NOTES
 1 CONNECT NEW 8" PIPE TO EXISTING HOT WATER SUPPLY.
 2 CONNECT NEW 8" PIPE TO EXISTING HOT WATER RETURN.
 3 INSTALL NEW BOILER IN ACCORDANCE WITH ALL MANUFACTURER'S RECOMMENDATIONS. REFER TO SPECIFICATIONS. MOUNT ON NEW 6" EQUIPMENT PAD.
 4 FURNISH AND INSTALL STAINLESS STEEL MANIFOLD EXHAUST FLUE, MATCH EXISTING SIZE, AND CONNECT TO EXISTING BOILER EXHAUST SYSTEM AT THIS APPROXIMATE LOCATION.
 5 PROVIDE WELDED NECK AND BLIND FLANGES.
 6 REFER TO PLUMBING DRAWING FOR GAS PIPING AND APPURTENANCE.
 7 FIX VALVE TO CLOSED POSITION AND REMOVE HANDLE.
 8 EXISTING 24" BOILER VENT TO REMAIN.
 9 FURNISH AND INSTALL MAURCO GAS BOILER CONTROLLER, MAURCO GAS DETECTOR(S) CM-6 TO SHUT DOWN BOILERS UPON DETECTION OF CO 50 PPM OR GREATER. CONTROLLER SHALL HAVE A MANUAL RESET. INSTALL IN COMPLIANCE WITH TEXAS ADMINISTRATIVE CODE.
 10 PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS.
 11 PROVIDE O2 TRIM SYSTEM WITH ACTIVE DEW-POINT CONTROL FACTORY INSTALLED.
 12 EXHAUST VENT MUST BE PITCHED UPWARD TOWARD THE TERMINATION BY A MINIMUM OF 1/4" INCH PER FOOT OF LENGTH. CONDENSATE MUST FLOW BACK TO THE UNIT FREELY, WITHOUT ACCUMULATING IN THE VENT.
 13 HEADER SUPPLY TEMPERATURE SENSOR.
 14 HEADER RETURN TEMPERATURE SENSOR.
 15 OUTSIDE AIR TEMPERATURE SENSOR.
 16 MASTER BOILER CONTROL PANEL ON B-1 OTHERS B-2, B-3, B-4 ARE SLAVE. IT IS THE INTENT OF THESE CONTRACT DOCUMENTS TO PROVIDE ALL NECESSARY UPGRADES AND CONTROL LOGIC FOR A COMPLETE WORKING SYSTEM. REFER TO BOILER SEQUENCE OF OPERATION.



4 BOILER PIPING DIAGRAM
M1.1 SCALE: NOT TO SCALE



100% CONSTRUCTION DOCUMENTS

ALAMODOME BOILER REPLACEMENT
 100 MONTANA ST SAN ANTONIO, TEXAS 78203

SHEET TITLE
FLOOR & ROOF PLANS - MECHANICAL

DRAWN STAFF
 CHECKED MLM
 DATE 11/21/2023
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SHEET NO.
M1.1