

**CEC, INC. ADDENDUM #2**

**GREENSBURG SALEM SCHOOL DISTRICT  
HVAC UPGRADES AT THREE SCHOOLS  
GREENSBURG, PENNSYLVANIA 15601  
CITY OF GREENSBURG, WESTMORELAND COUNTY**

**Prepared For:**

**GREENSBURG SALEM SCHOOL DISTRICT  
1 ACADEMY HILL  
GREENSBURG, PA 15601  
T: 724-832-2901**

**Prepared By:**

**CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
PITTSBURGH, PENNSYLVANIA**

**PROJECT NO. GBG ON-CALL 2023  
Contract No. GBG 2023-1.0009M - Mechanical Construction  
Contract No. GBG 2023-1.0009E - Electrical Construction**

**CEC Project 327-839.0009**

**October 16, 2023**



**Civil & Environmental Consultants, Inc.**

**GREENSBURG SALEM SCHOOL DISTRICT  
HVAC UPGRADES AT THREE SCHOOLS  
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
ADDENDUM #2**

**Invitation to Bid:**

1. No change.

**Drawings Revised**

<b>MECHANICAL (Contract No. GBG 2023-1.0009M -Mechanical Construction)</b>	
M-1301	METZGAR MECHANICAL DETAILS
M-2301	NICELY MECHANICAL DETAILS

**Specifications**

1. Revised Specification  
Part 4 BID FORM *(Added a section for bidders to clearly define if bidding on the electrical contract or the mechanical contract)*  
012300 ALTERNATES *(Revised language to clearly indicate all scope of work shown on Addendum #1 and Addendum #2 changes are associated with Add Alternate #1 costs. The previous reference to a split system at the high school is part of the base bid).*

**Requests for Information**

1. Are the 3 new AHU'S and condensers that were added for Nicely part of the base bid or alternate bid?  
**CEC Response: Alternate bid.**
2. Is the alternate work all of the work that was added to the addendum drawings and are you indicating that this added work would be inserted in the blank space on page 1 under Alternates?  
**CEC Response: Yes, and Yes. Please see updated bid form and specification section for Alternates.**

**Attachments:**

<b>MECHANICAL (Contract No. GBG 2023-1.0009M -Mechanical Construction)</b>	
M-1301	METZGAR MECHANICAL DETAILS
M-2301	NICELY MECHANICAL DETAILS

**BID FORM PRICE TOTAL**

Contract Title: Greensburg Salem School District -HVAC Upgrades at Three Schools, Greensburg, PA

**Contract Bid Form Selection: (please select one)**

- Contract No. GBG 2023-1.0009M - Mechanical Construction**
- Contract No. GBG 2023-1.0009E - Electrical Construction**

Name of Bidder: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

If Bidder is a corporation, list all shareholders owning five percent or more of Bidder's stock.

\_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_

If Bidder is a partnership, list all partners.

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Pursuant to and in conjunction with the Invitation to Bid and the Instructions to Bidder relating hereto, the undersigned as a Bidder proposes and agrees to furnish and complete at the Site the services specified in the Contract Documents, in the manner therein prescribed and in accordance with all addenda issued by Owner prior to the opening of Bids, for a series of fixed unit and firm lump sum prices which total:

\_\_\_\_\_ (Dollars)  
(Written Dollar Amount)

(\$ \_\_\_\_\_)

All prices are valid for ninety (90) days from the Bid Date. A breakdown of the Bid should be presented on the attached Bid Form.

**Alternates:**

In accordance with Division 1 Section "Alternates", we agree to add/delete the included in each alternate as follows:

ALTERNATE NO. A1: \_\_\_\_\_

Add/Deduct \_\_\_\_\_ (Dollars)  
(Written Dollar Amount)

(\$ \_\_\_\_\_)

**BID FORM AFFIDAVIT**

STATE OF \_\_) )  
COUNTY OF \_\_\_\_\_) ) SS:

\_\_\_\_\_, being duly sworn, deposes and says that \_\_\_\_\_ is  
\_\_\_\_\_, (President, Secretary, Treasurer, etc.) of \_\_\_\_\_ and that the  
foregoing Bid and all statements therein contained are true and correct.

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_

Notary Public

(SEAL)

My commission expires \_\_\_\_\_

**BID FORM ATTACHMENT NO. 1  
BIDDER'S CHECKLIST**

Each item is to be initialed to indicate compliance and this form shall be signed and submitted with the Bid Forms.

- \_\_\_\_\_ Bidders Checklist (Attachment No. 1)
- \_\_\_\_\_ Subcontractors/Suppliers List (Attachment No. 2)
- \_\_\_\_\_ Non-Collusion Affidavit (Attachment No. 3)
- \_\_\_\_\_ Bidder Acknowledgment (Attachment No. 4)
- \_\_\_\_\_ Certificate of Insurance (Copy)

Signature of Bidder:

\_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

**BID FORM ATTACHMENT NO. 2  
SUBCONTRACTORS/SUPPLIERS LIST**

The Contractor shall list the name and address of all subcontractors that will supply material or perform work as part of this Project. Subcontractors shall be subject to the approval of the Owner and Engineer.

<u>SCOPE</u>	<u>NAME AND COMPLETE ADDRESS</u>
1.	
2.	
3.	

SIGNATURE OF BIDDER

\_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

**BID FORM ATTACHMENT NO. 3  
NON-COLLUSION AFFIDAVIT**

(This Affidavit shall be submitted with the Bid Form.)

STATE OF \_\_\_\_\_ )

SS:

COUNTY OF \_\_\_\_\_ )

\_\_\_\_\_, being first duly sworn, deposes and says that he/she is

\_\_\_\_\_ of \_\_\_\_\_  
(President, Secretary, Treasurer, etc.)

the party who made the foregoing Bid; that such Bid is genuine and not collusive; that said Bidder did not collude, conspire, connive, or agree, directly or indirectly, with any Bidder or person that such other person should refrain from Bidding, or submit a sham Bid and did not in any manner, directly or indirectly seek by agreement or collusion or communication or conference with any person, to fix the Bid Price of Bidder or any other Bidder, or to fix any overhead, profit, or cost element of said Bid Price, or that of any other Bidder, or to secure any advantage against the Greensburg Salem School District, or any person interested in the proposed Contract; and that all statements contained in said Bid are true and further, that such Bidder did not, directly or indirectly submit this Bid, or the contents thereof, or divulge information, or data relative thereto to any association or to any member or agent thereof.

Signature of Bidder:

\_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_.

\_\_\_\_\_

Notary Public

in and for \_\_\_\_\_ County, \_\_\_\_\_.

My commission expires \_\_\_\_\_, 20\_\_\_.

(SEAL)

**BID FORM ATTACHMENT NO. 4  
BIDDER ACKNOWLEDGMENT**

The Bidder acknowledges, represents, and covenants:

1. That the Bid includes all applicable taxes.
2. That if there are inconsistencies between the Engineer's specifications and the Bidder's Bid, the Engineer's specifications shall control.
3. That it has received Addenda Nos. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ to the Contract Documents.
4. That this Bid is based upon using qualified local labor for all field work done under the Contract.
5. That it has made a careful examination of the location of the Work, and determined the amount and character of the Work and the equipment and materials necessary to complete the same in compliance with the Contract Documents, and has become acquainted with labor conditions and all other conditions which would affect the Work and shall complete the Work in and under conditions it may encounter or create, without delay or extra cost to the Engineer.
6. That this Bid is, in all respects, fair and is made in good faith, without collusion or fraud.
7. That if written notice of the acceptance of this Bid is mailed, faxed, or delivered to the Bidder within 30 days after the Bid Date, Bidder will, within 10 days after the date of such mailing, faxing, or delivering of such notice, execute and deliver the Contractor Services Agreement.
8. Notwithstanding any entireties or similar clauses contained in any of the Contract Documents, upon Engineer's acceptance of the Bid and the execution of the Contractor Services Agreement by the Engineer and the Bidder, the Contractor shall be bound by all terms and conditions contained in the Contract Documents as defined in the Instructions to Bidder.

Signature of Bidder: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_



## SECTION 012300 - ALTERNATES

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

#### 1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
  - 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
  - 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum.

#### 1.4 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
  - 1. Include, as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation, whether or not indicated as part of alternate.
- B. Execute accepted alternates under the same conditions as other Work of the Contract.
- C. Schedule: A Part 3 "Schedule of Alternates" Article is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

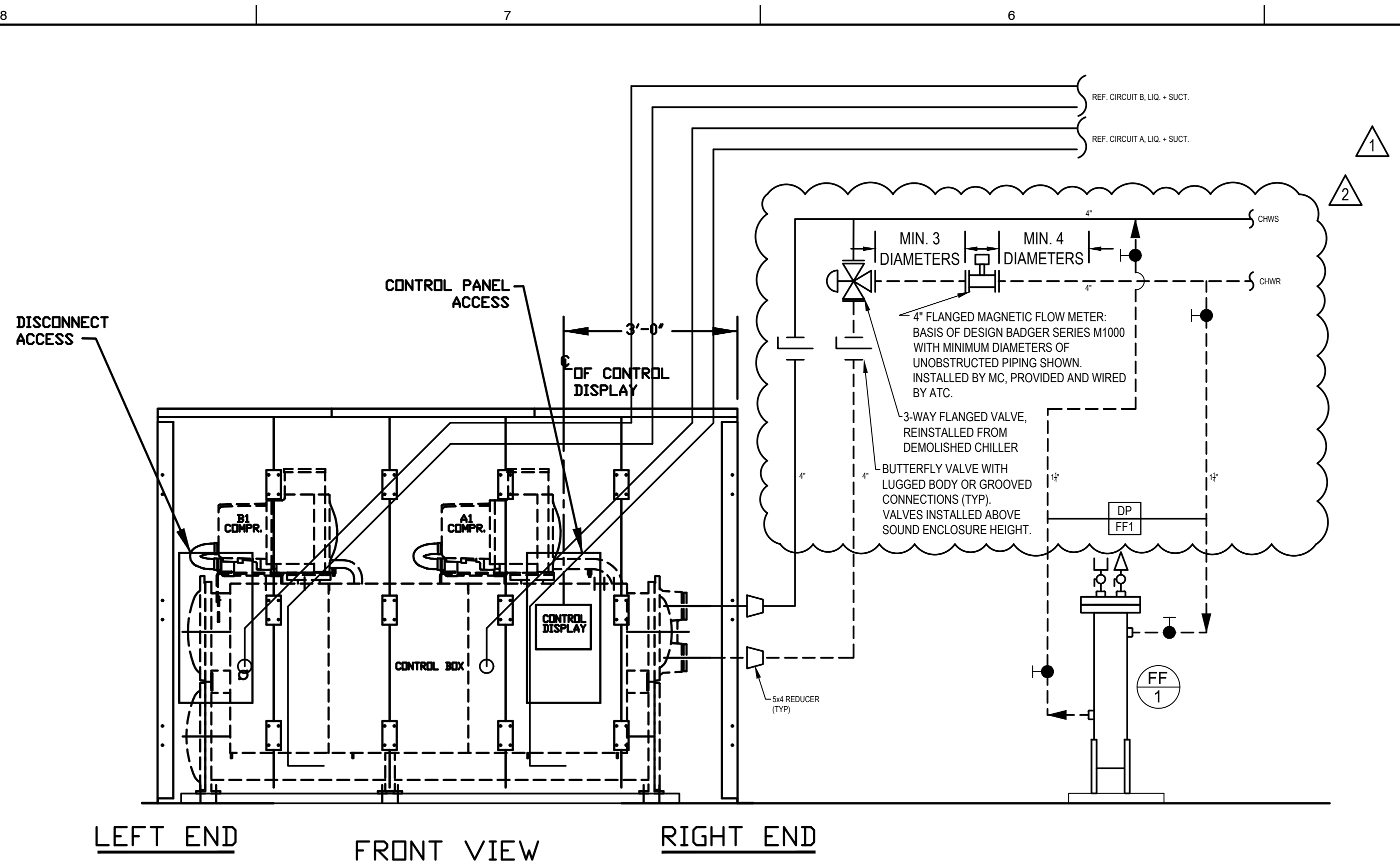
**PART 2 - PRODUCTS (Not Used)**

**PART 3 - EXECUTION**

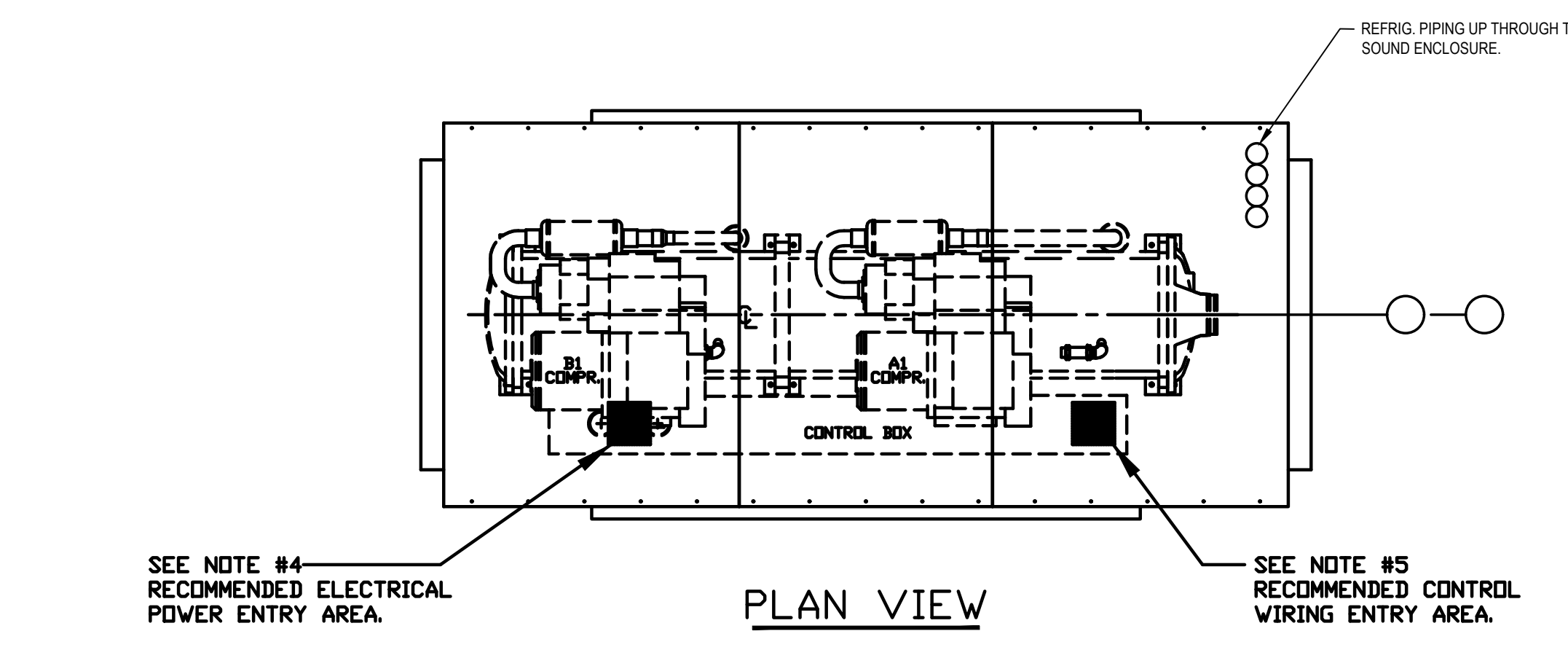
3.1 SCHEDULE OF ALTERNATES

- A. Alternate No. 01: All work associated with Addendum #1 and Addendum #2.
  - 1. Base Bid: All work shown on original drawings dated September 13, 2023.
  - 2. Alternate: All clouded work shown on Addendum #1 drawings dated October 6, 2023 and Addendum #2 dated October 13, 2023.
    - a. Nicely Elementary School: The scope is to demolish four (4) AHUs and three (3) outdoor condensing units and replace the four (4) AHUs for the project. Three (3) will have new split refrigeration cooling systems. The bid documents indicate the new equipment and added control system drawings.
    - b. Metzger Elementary School: The scope is to demolish three (3) AHUs and two (2) outdoor condensing units and replace the three (3) AHUs for the project. Two (2) will have new split refrigeration cooling systems. The bid documents indicate the new equipment and added control system drawings.

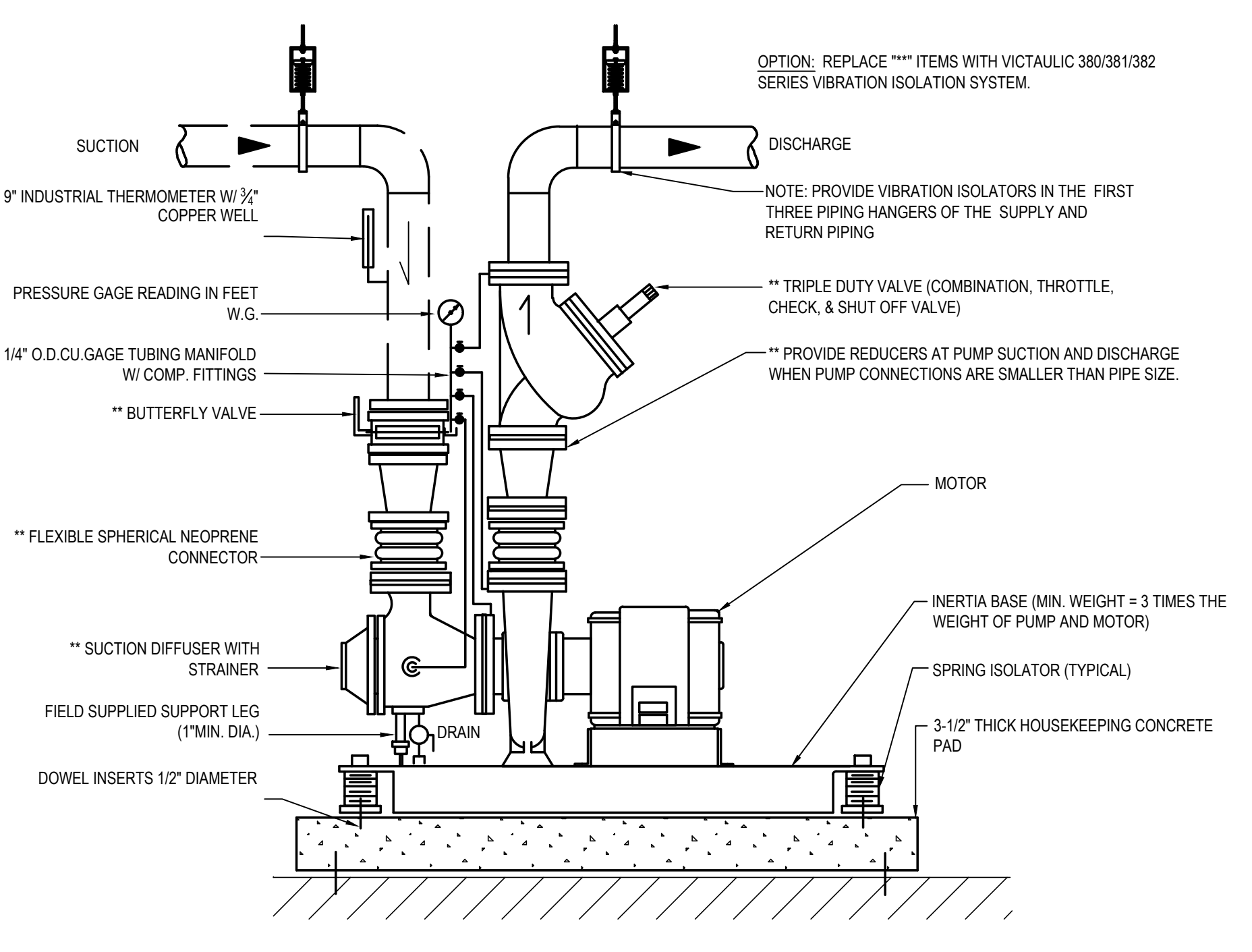
END OF SECTION 012300



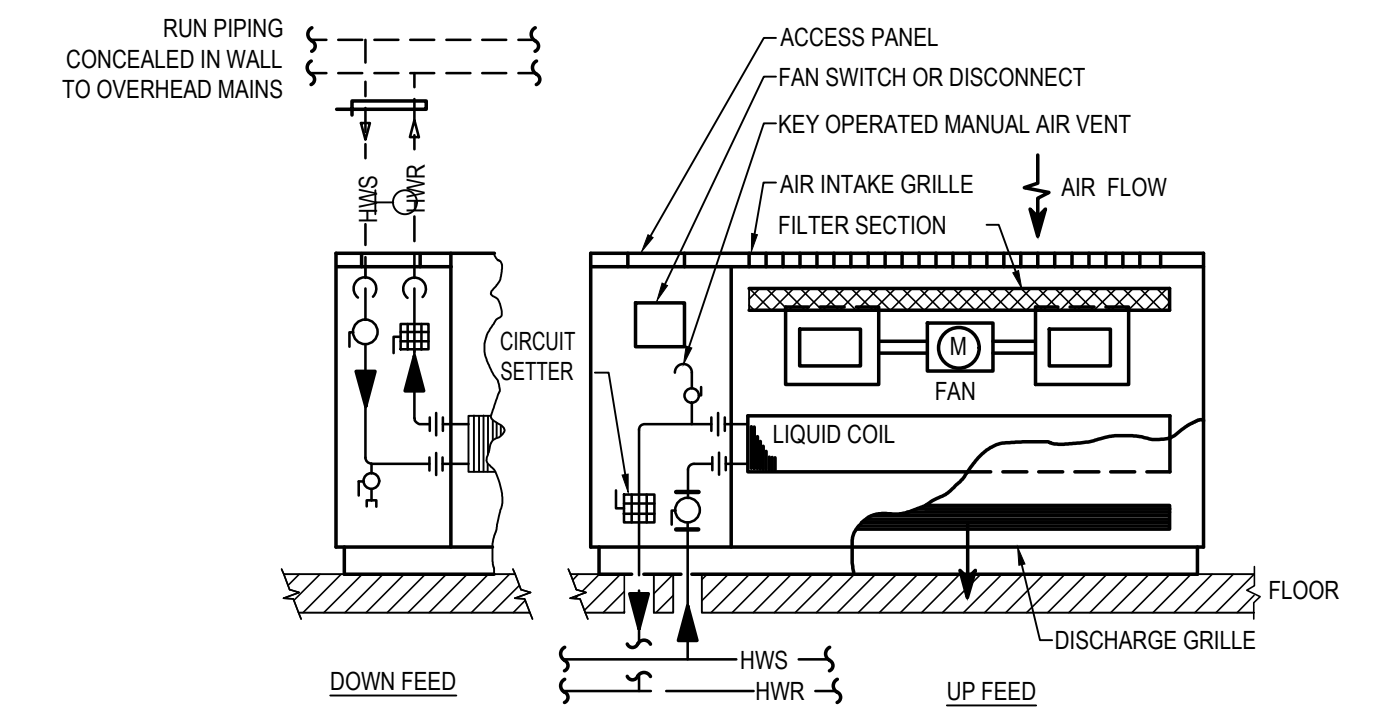
**1 CHILLER SCHEMATIC SECTION VIEW**  
M1301 NONE.



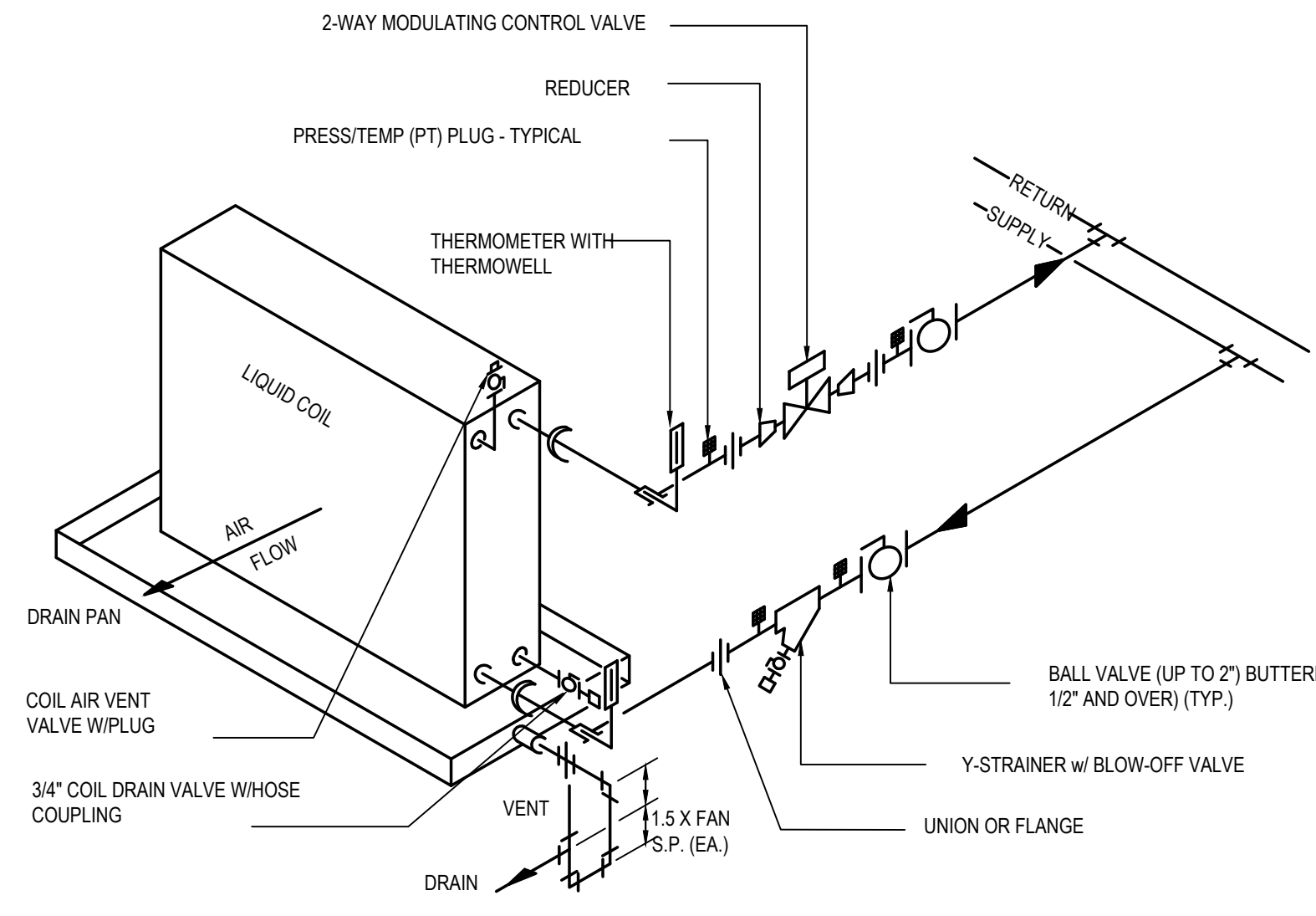
**2 CHILLER SCHEMATIC PLAN VIEW**  
M1301 NONE.



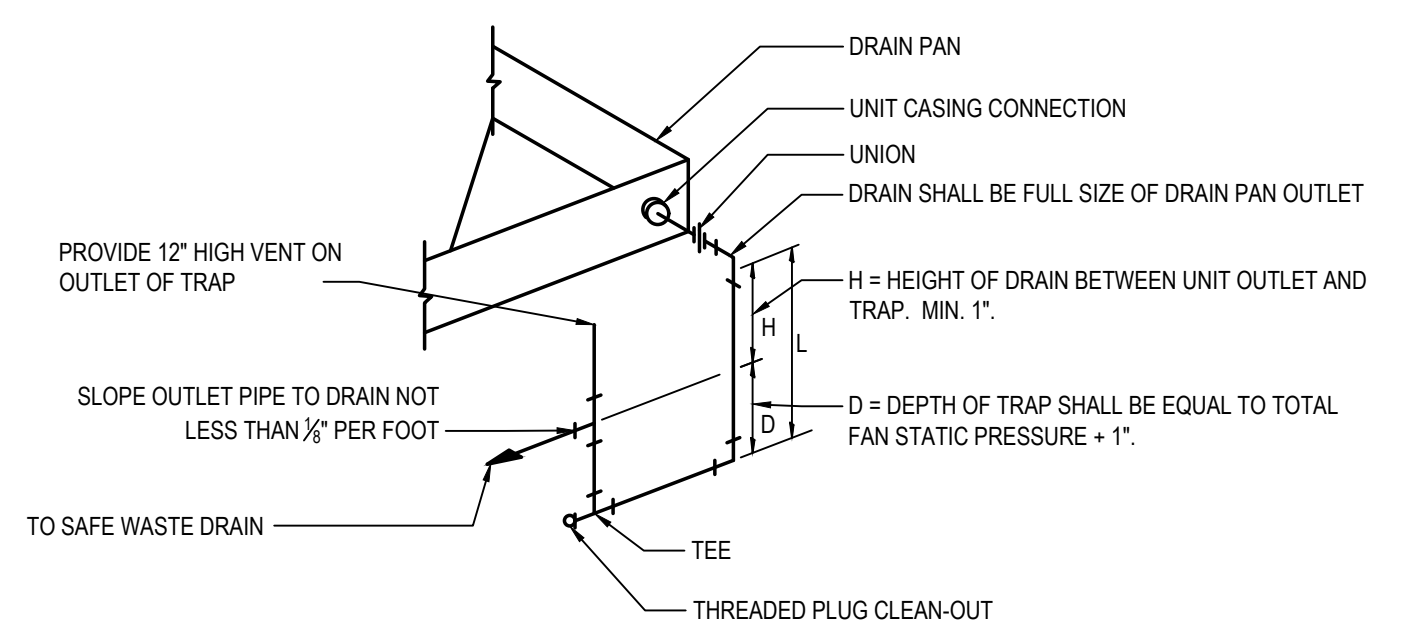
**3 END SUCTION, BASE MOUNTED PUMP DETAIL**  
M1301 NONE.



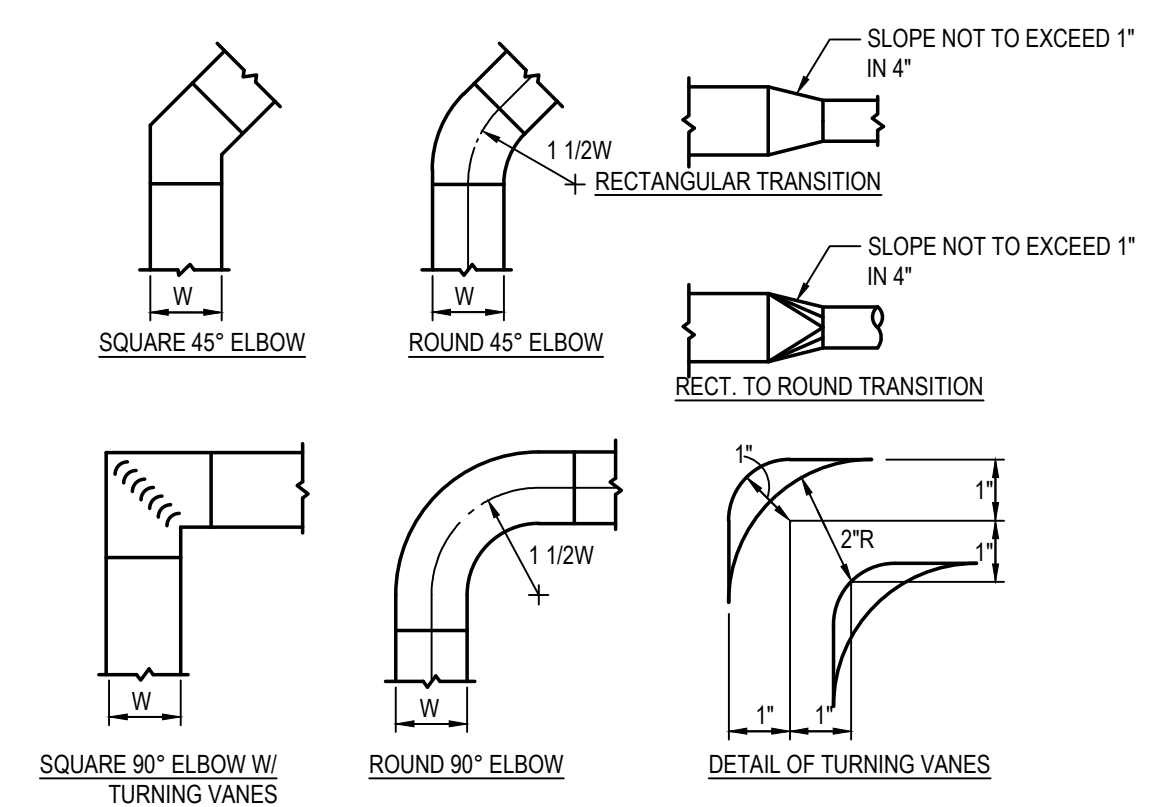
**4 CABINET UNIT PIPING DIAGRAM**  
M1301 NOT TO SCALE



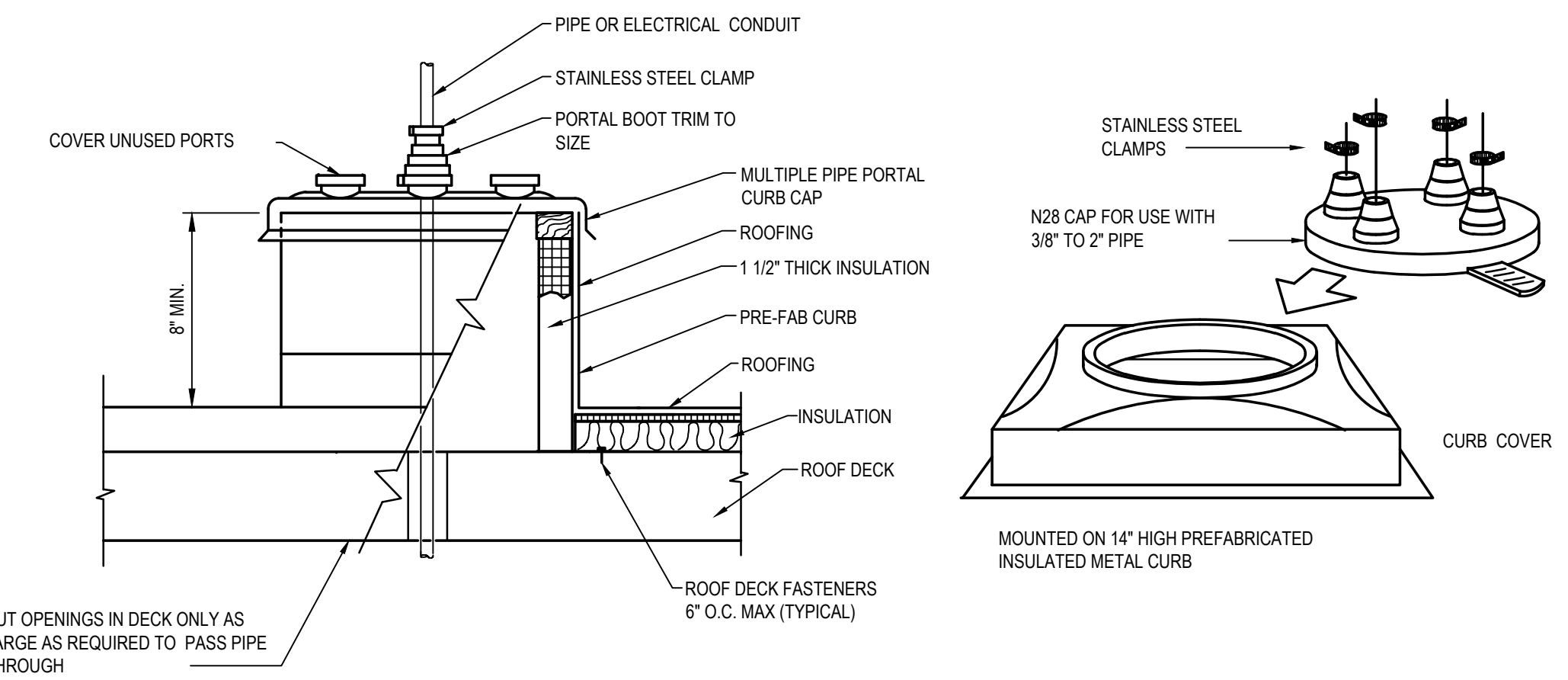
**5 LIQUID COIL PIPING DETAIL**  
M1301 NO SCALE



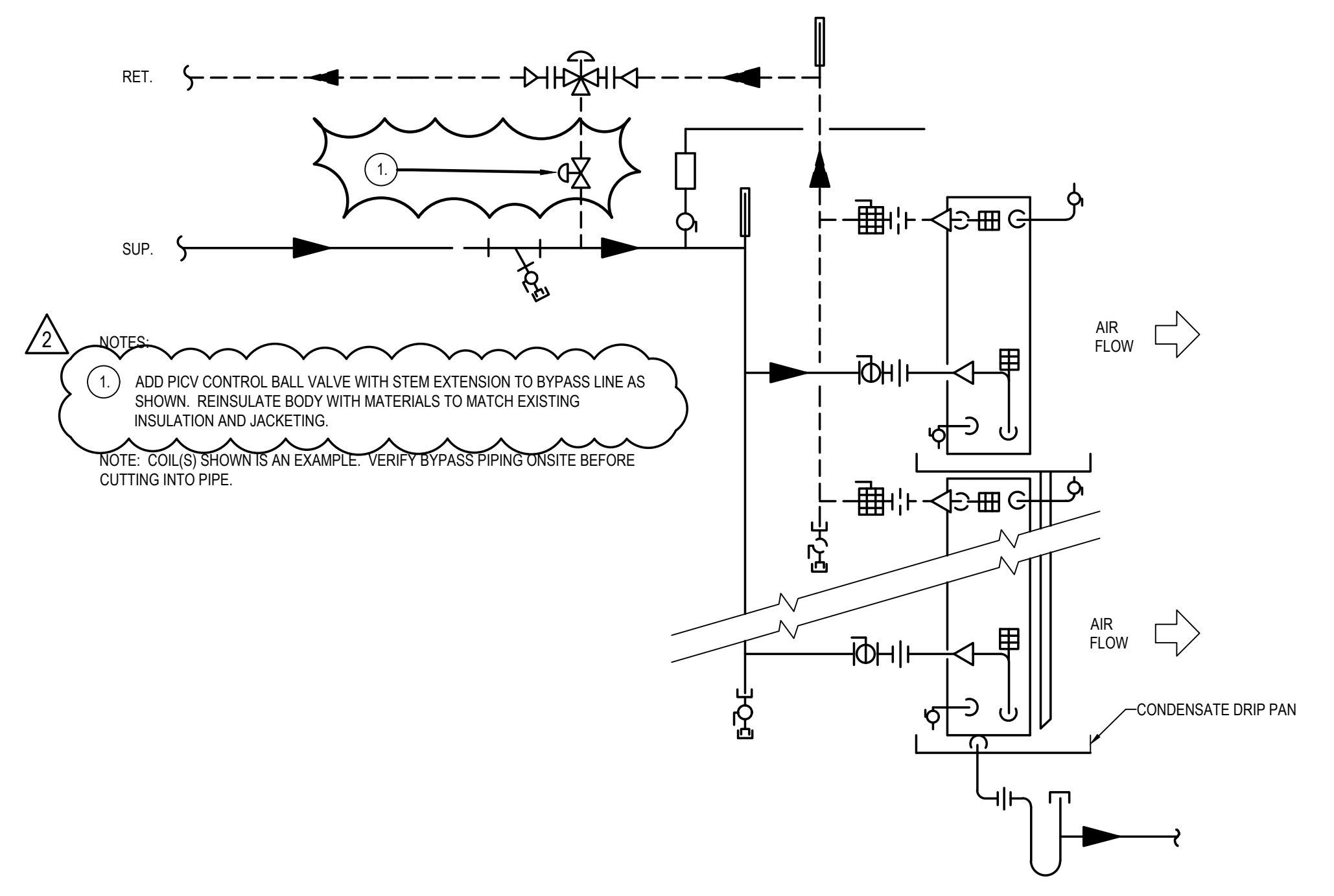
**6 CONDENSATE DRAIN TRAP DETAIL**  
M1301 NO SCALE



**7 LOW VELOCITY DUCTWORK DIAGRAMS**  
M1301 NO SCALE



**8 PIPE PORTAL DETAIL**  
M1301 NOT TO SCALE



**9 AHU EXSITING COOLING COIL PIPING MODIFICATION DETAIL**  
M1301 NOT TO SCALE

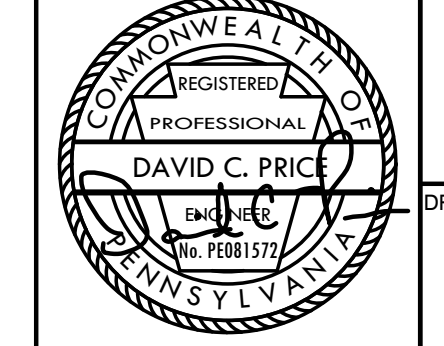
NO.	DATE	BY	CHECKED	DESCRIPTION
1	18 OCT 2023	MAB	DCP	ADDENDUM 1
2	13 OCT 2023	MAB	DCP	ADDENDUM 2

**Civil & Environmental Consultants, Inc.**  
700 Cherrington Parkway • Moon Township, Pa 15108  
Ph: 412.229.2324 • Fax: 480.985.2324  
www.cerch.com

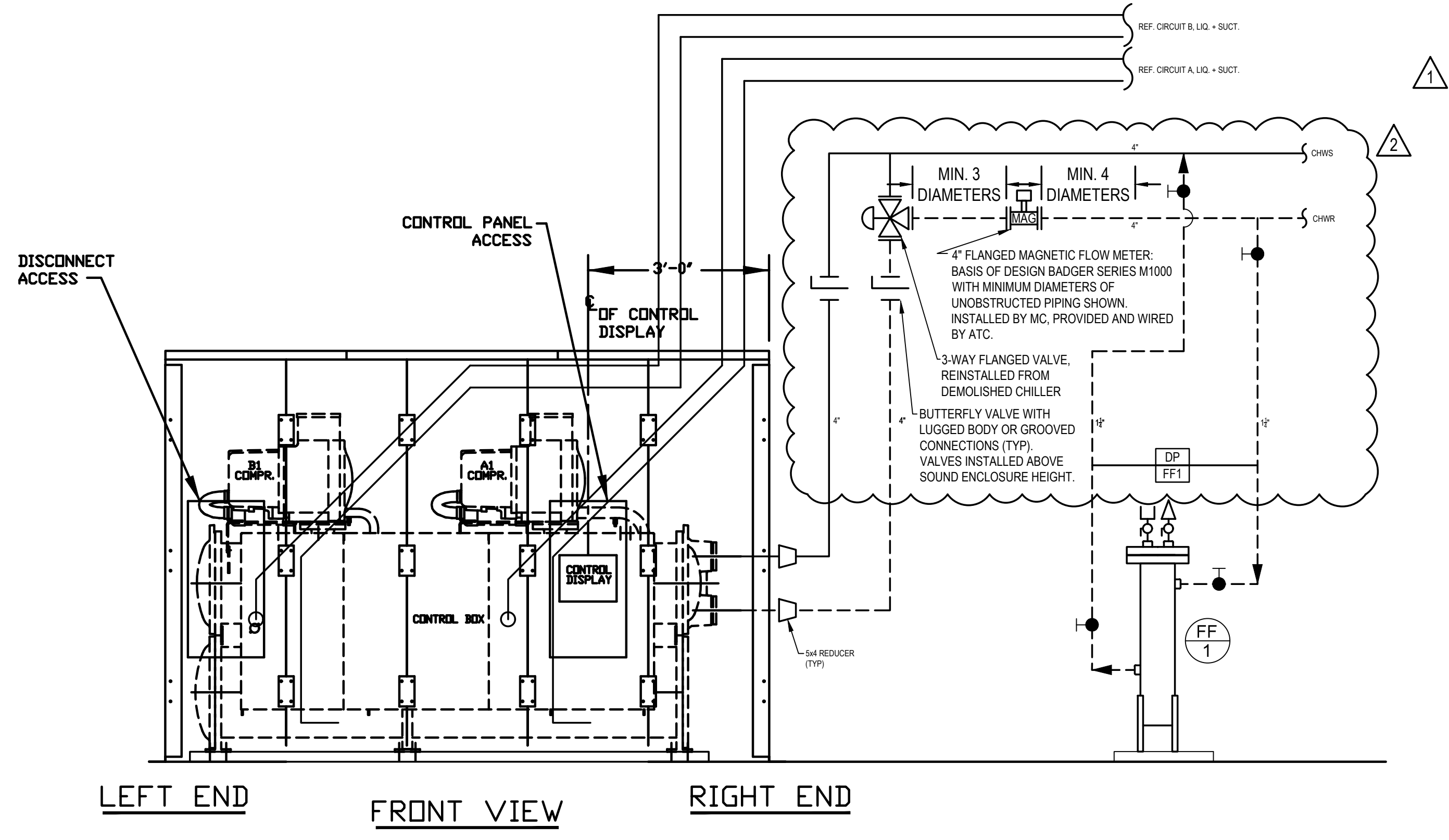
**GREENSBURG SALEM SCHOOL DISTRICT  
JAMES H. METZGAR ELEMENTARY SCHOOL  
140 CC HALL DR, NEW ALEXANDRIA, PA 15670**

DATE	SCALE	PROJECT NO.	APPROVED BY
18 SEP 2023	AS SHOWN	2341083	DCP

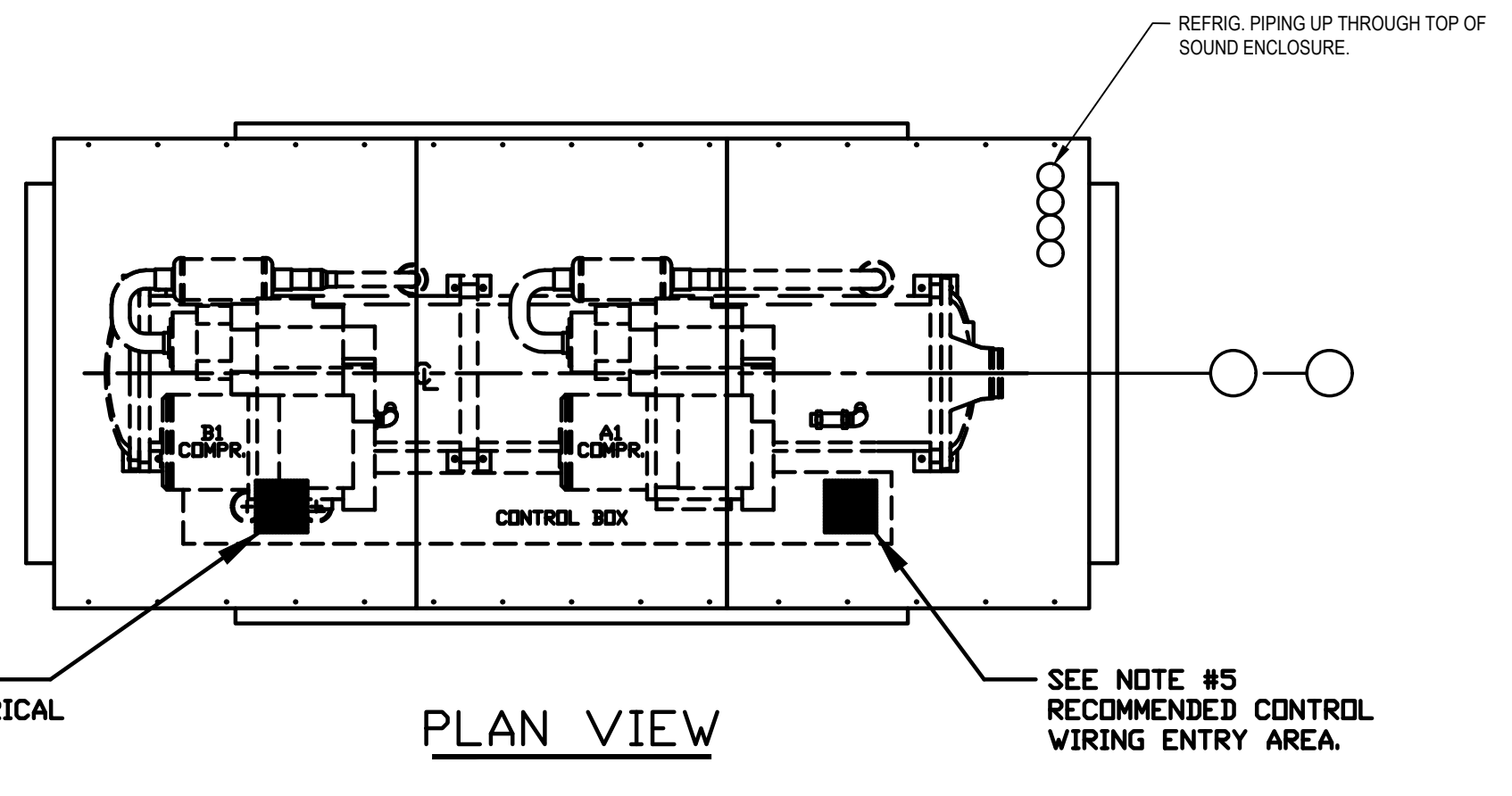
**Allen + Shariff**  
MEP Engineering  
Project Management  
2 Allegheny Center  
Nova Tower 2, Suite 1001  
Pittsburgh, Pennsylvania 15212  
412.222.9280  
A+S Project: 2341083



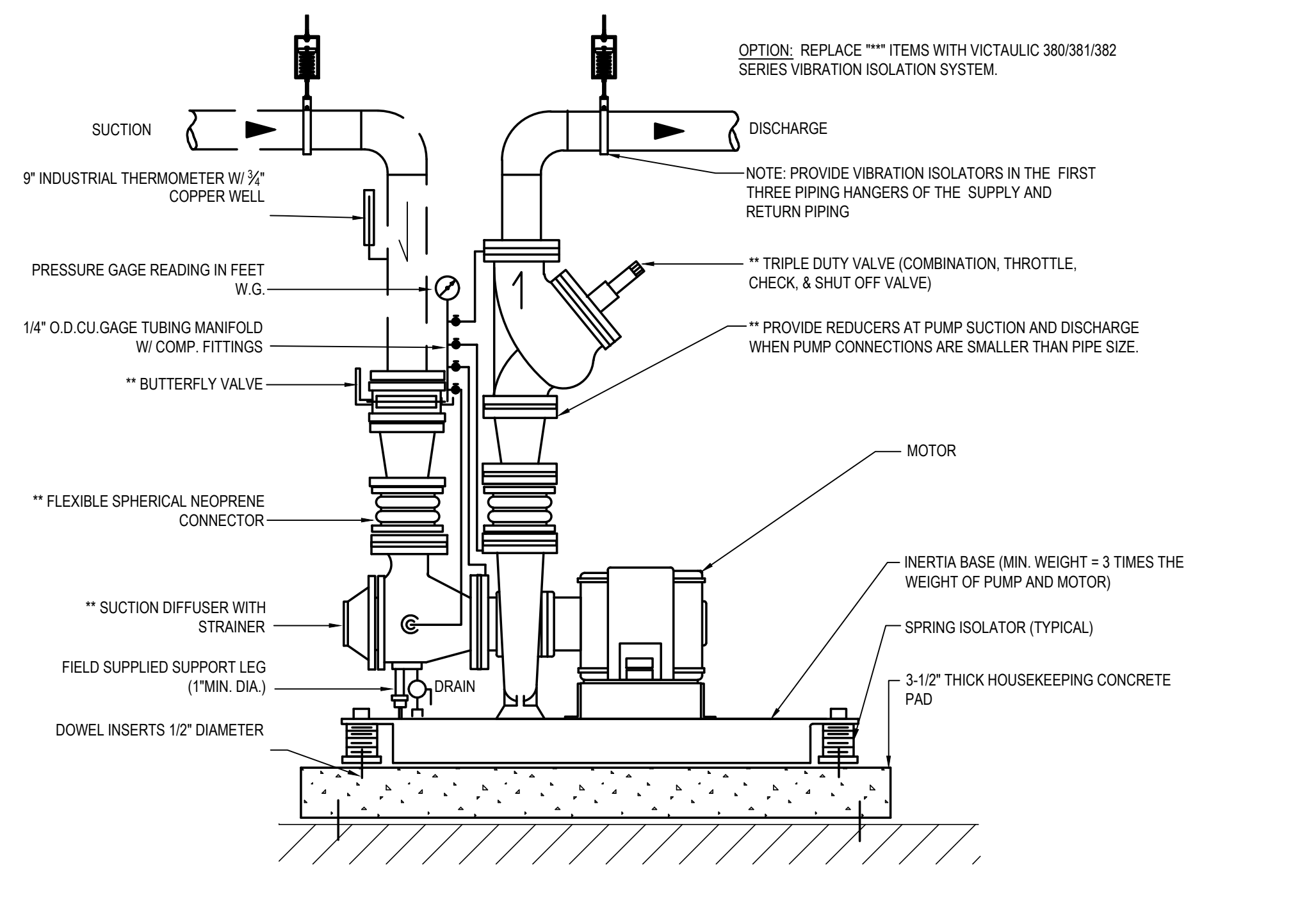
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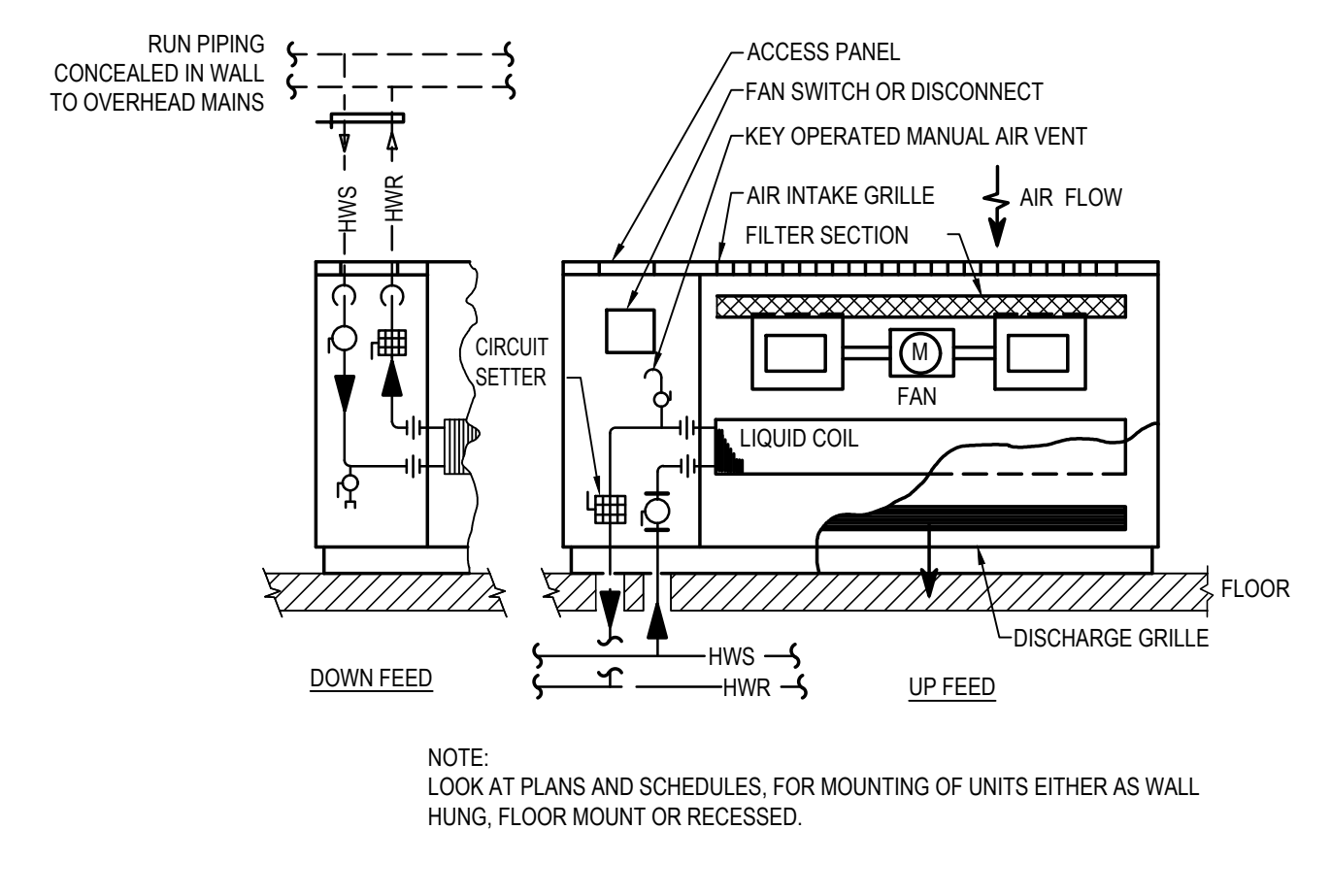
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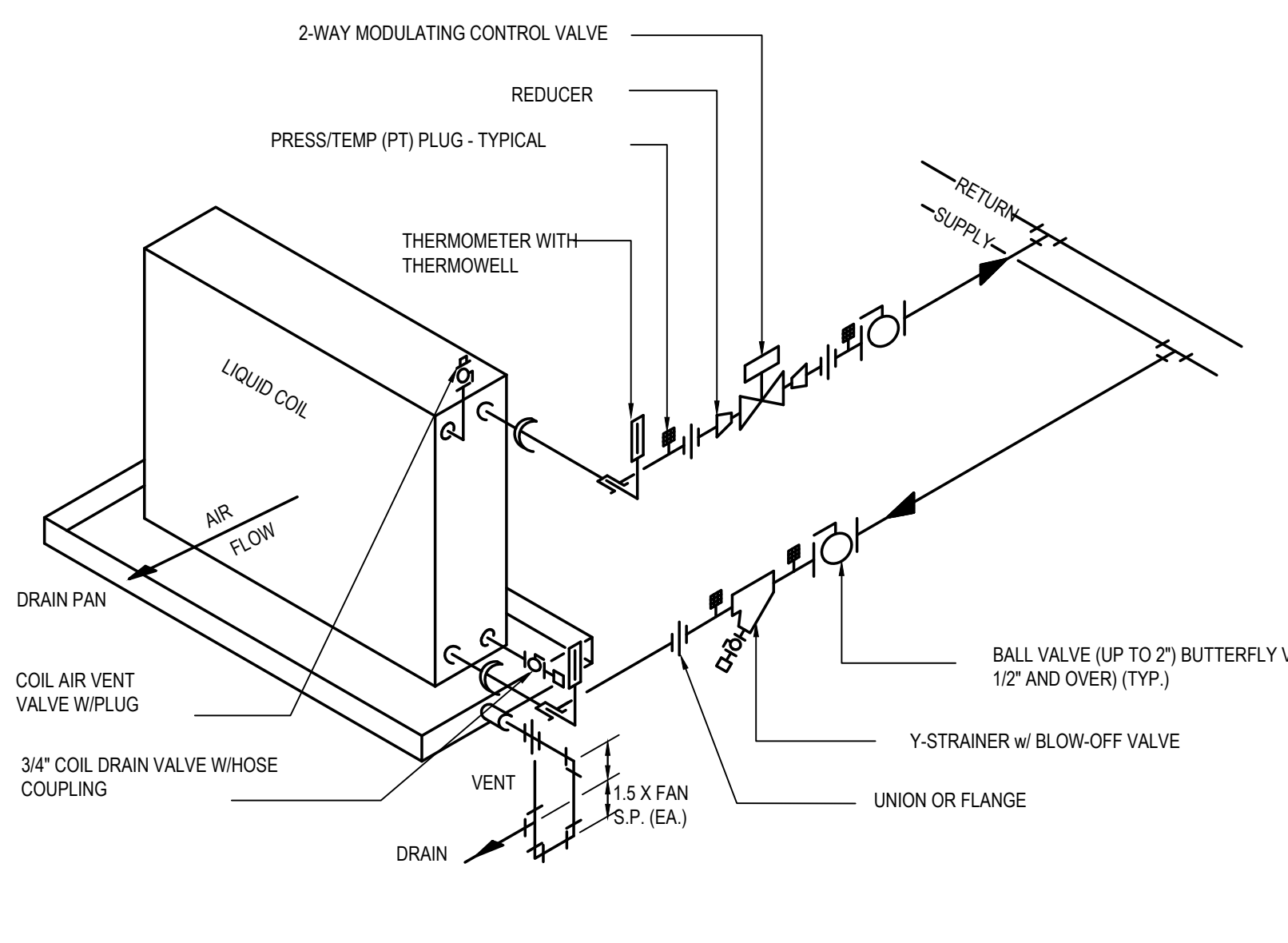
2 CHILLER SCHEMATIC PLAN VIEW  
M2301 NONE.



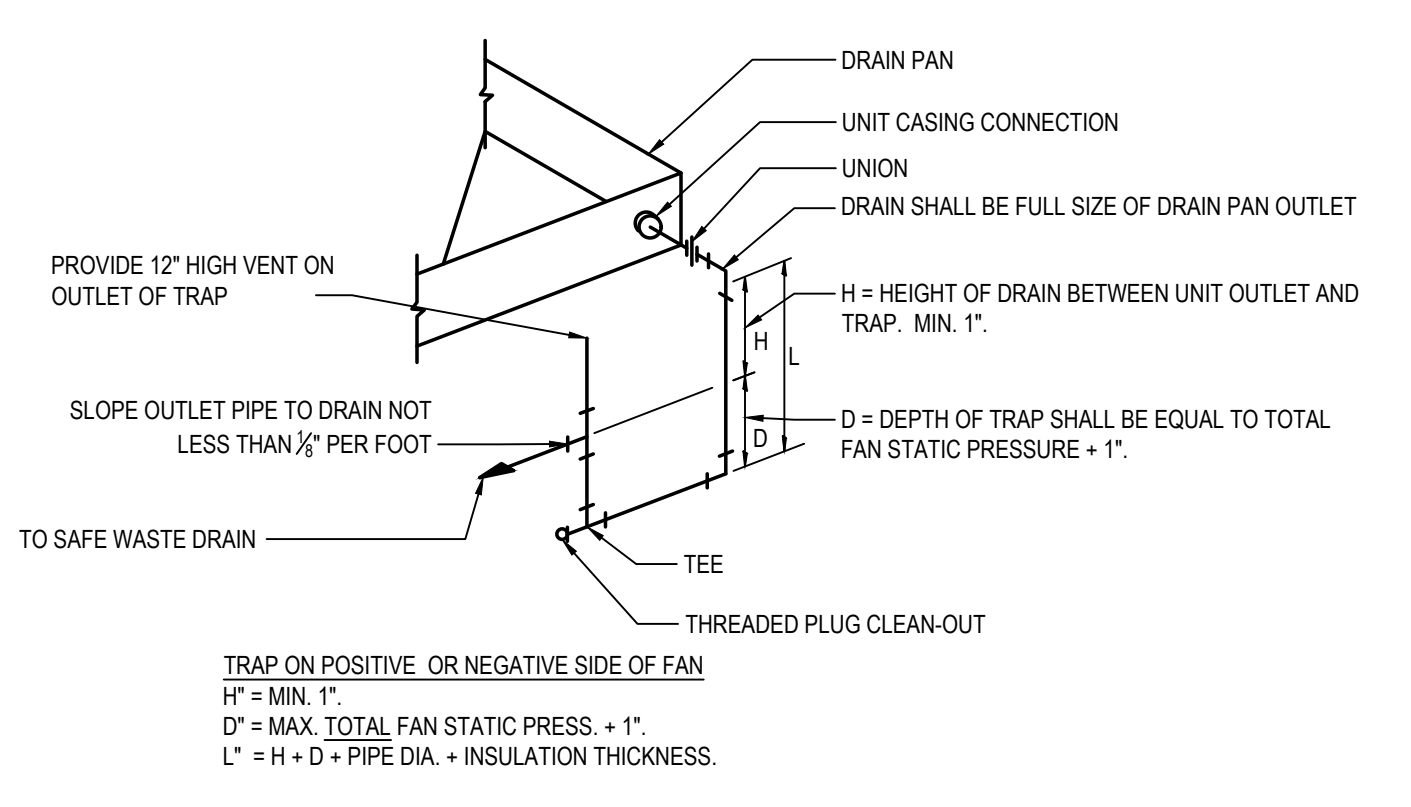
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M2301 NONE.



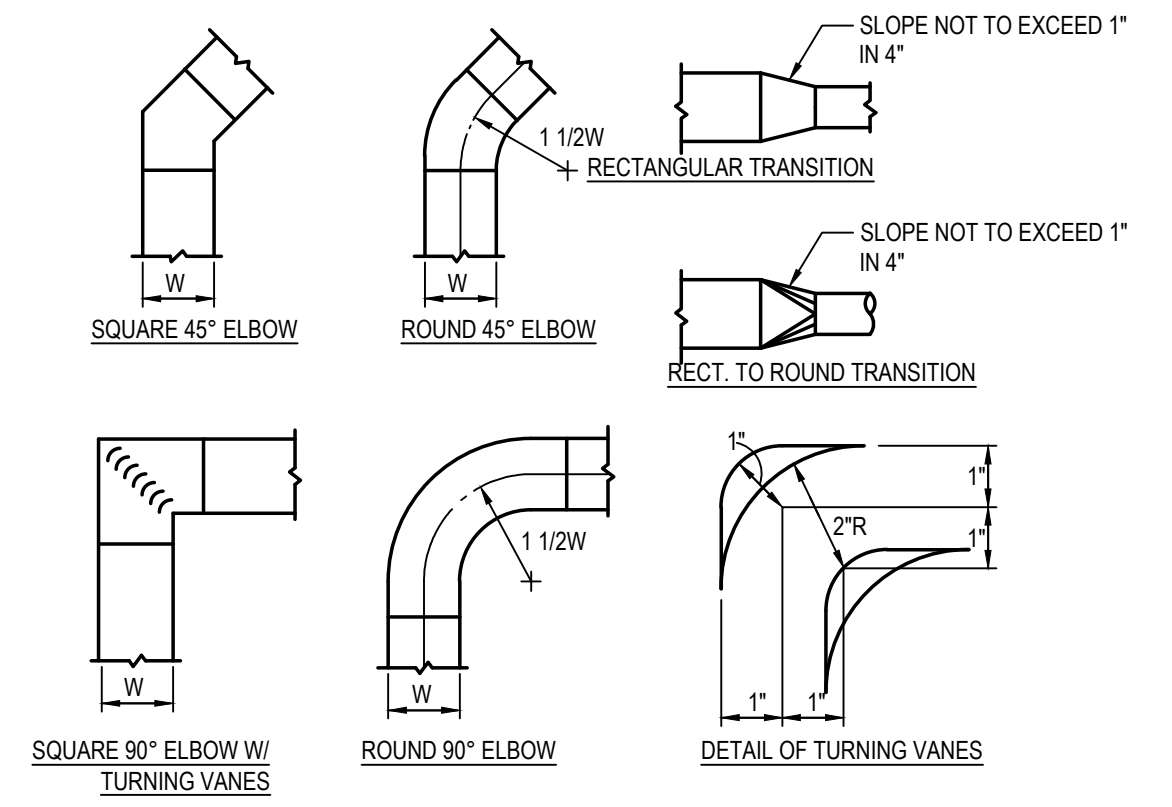
4 CABINET UNIT PIPING DIAGRAM  
M2301 NOT TO SCALE



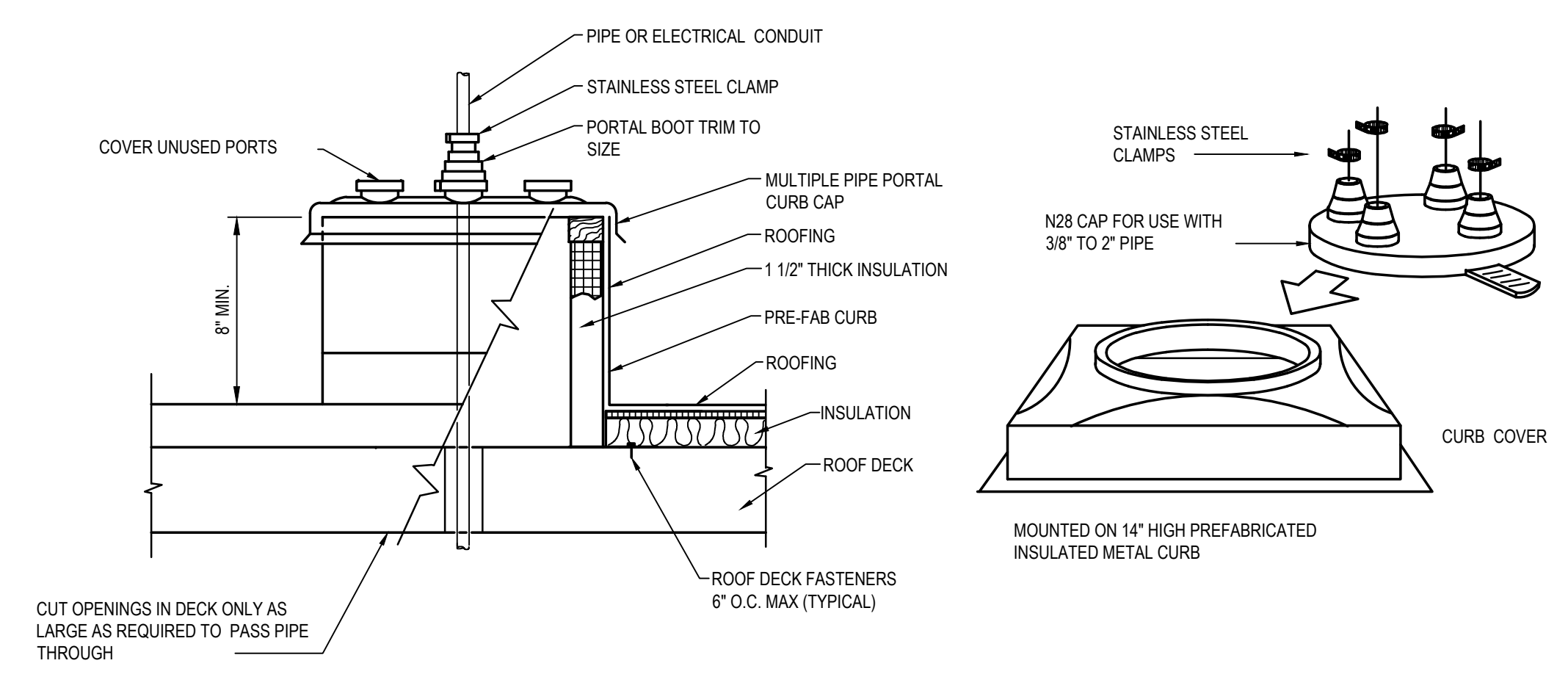
5 LIQUID COIL PIPING DETAIL  
M2301 NO SCALE



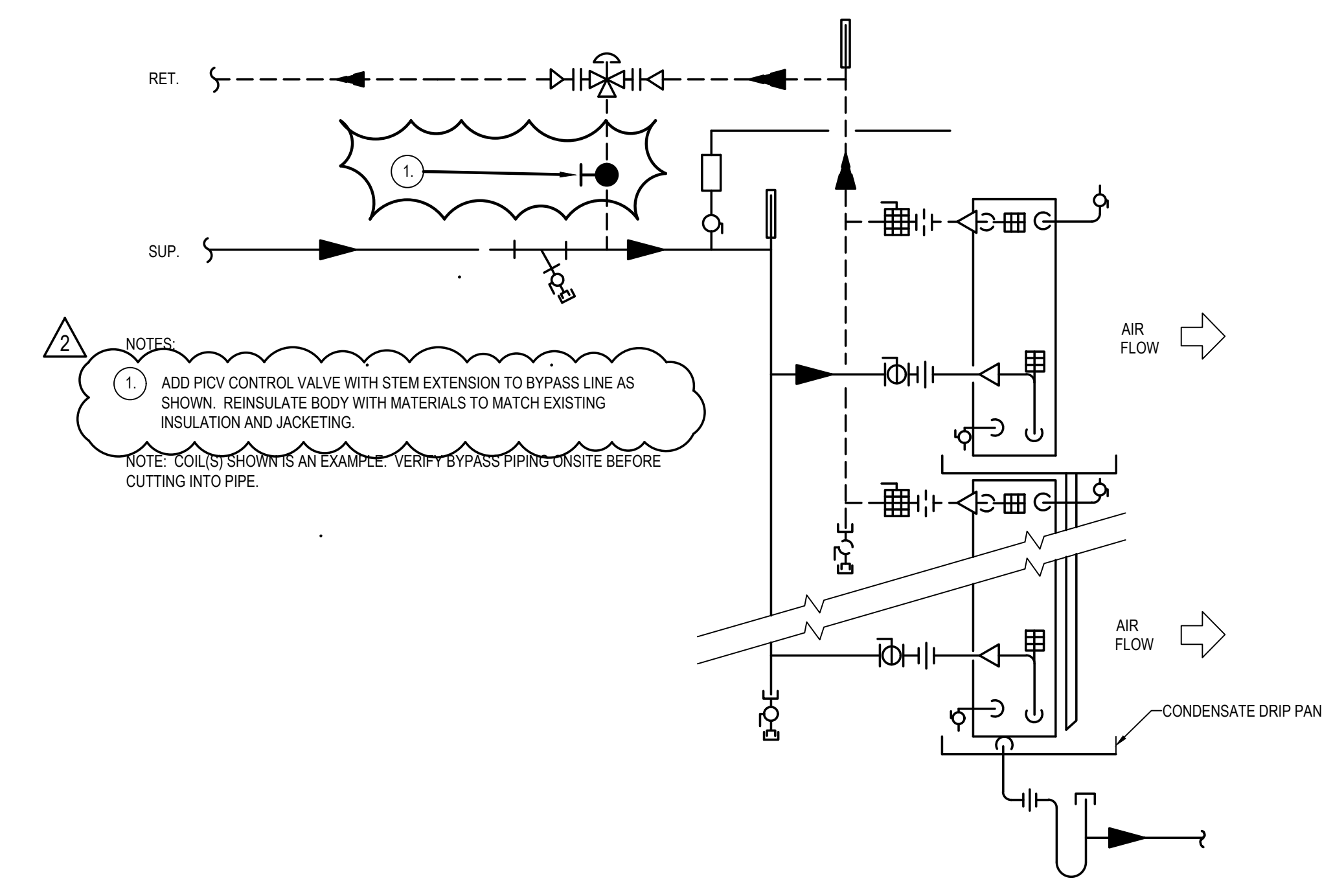
6 CONDENSATE DRAIN TRAP DETAIL  
M2301 NO SCALE



7 LOW VELOCITY DUCTWORK DIAGRAMS  
M2301 NO SCALE



8 PIPE PORTAL DETAIL  
M2301 NOT TO SCALE



9 AHU EXITING COOLING COIL PIPING MODIFICATION DETAIL  
M2301 NOT TO SCALE

NO.	DATE	DRAWN	CHECK	DESCRIPTION
1	18 OCT 2023	MAB	DCP	ISSUED FOR PERMITTING
2	13 OCT 2023	MAB	DCP	ADDENDUM 1
		MAB	DCP	ADDENDUM 2

**Civil & Environmental Consultants, Inc.**  
700 Cherrington Parkway • Moon Township, Pa 15108  
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www.cerchinc.com

**GREENSBURG SALEM SCHOOL DISTRICT**  
**DR. ROBERT F. NICELY**  
**ELEMNTARY SCHOOL**  
**55 MCLAUGHLIN DR,**  
**GREENSBURG, PA 15601**

**NICELY MECHANICAL DETAILS**  
MEP Engineering  
Project Management  
2 Allegheny Center  
Nova Tower 2, Suite 1001  
Pittsburgh, Pennsylvania 15212  
412.322.9280  
A+S Project: 2341083

DATE: 18 SEP 2023  
DRAWN BY: MAB  
CHECKED BY: MAB  
PROJECT NO: 2341083  
APPROVED BY: DCP

**Allen + Shariff**  
MEP Engineering  
Project Management  
2 Allegheny Center  
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Pittsburgh, Pennsylvania 15212  
412.322.9280  
A+S Project: 2341083

PROFESSIONAL ENGINEER  
DAVID C. PRICE  
No. 105765  
STATE OF PENNSYLVANIA