

Addendum 05  
SFISD RJ Wollam Elementary School  
& Santa Fe Junior High School  
Generator Installation

3815 Montrose Blvd,  
Suite 123  
Houston, Texas 77006  
713.526.cre8 (2738)  
713.526.3198 fax



27 April 2022



This addendum modifies the original Proposal Documents dated March 25, 2022 and forms a part of the Contract Documents. Acknowledge receipt of this Addendum in the space provided on the Proposal Form. Failure to do so may subject Proposer to disqualification.

This Addendum consists of 2 pages and the following attachments:

- Specifications:  
Sections: 01 10 00 – Summary pages 01 10 00-1 through 01 10 00-3.
  
- Drawings:  
30" x 42" drawings: ES-M2.0 and JH-P2.0

## **The time and date to receive Proposals is changed by this Addendum**

### **1.0 CHANGES TO SPECIFICATIONS:**

- 01 01 10 00 – Summary
  - a. Revised 1.04 Work Covered by Contract Documents Paragraph A.
  - b. Revised 1.06 Work Phases A. 2. a. Commence Work.

### **2.0 CHANGES TO DRAWINGS:**

- 01 ES-M2.0 MECHANICAL ENLARGED ROOMS AND DETAILS:
  - a. Revised refrigerants piping support detail.
  
- 02 02 JH-P2.0 PLUMBING OVERALL PLAN
  - a. Removed last sentence of gas piping material note saying that piping above 14" W.C. to be welded.

### **3.0 RFI #1 RESPONSE:**

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#### 01 FIRE ALARM AND SECURITY SYSTEMS:

*The electrical plans indicate the relocation of some existing devices for the fire alarm system and the security system, however, there is no information about the existing system in the bid documents.*

*Would you please let us know what the existing fire alarm and security systems installed in the Santa Fe Jr. High school?*



CMTA response:

The existing fire alarm system is a Honeywell Notifier system. The existing security system is by Bosch. The existing access control system is by RS-2.

#### 02 JH-E3.0 – ELECTRICAL DEMOLITION PLANS

*Detail four, kitchen carts, west wall, indicates the relocation of an existing laptop. However it does not indicate where it will be relocated.*

CMTA response:

Please refer to tagged note E9 on electrical sheet JH-E4.0 for new location of flush mounted laptop.

#### 03 JH-E3.0 – ELECTRICAL DEMOLITION PLANS

*Detail four, kitchen carts, west wall, indicates that it is necessary to confirm the operating status of two wall mounted device, however it is not indicated to which system these devices belong. Please provide information.*

CMTA response:

It is unknown what system these devices serve. This will need to be field verified. If it is not required to move the devices to accommodate new door or wall, then devices shall be existing to remain. If devices need to be relocated to accommodate new door or wall, then devices shall be relocated as necessary to maintain operating status of whatever system they serve.

END OF ADDENDUM 05

## SECTION 01 10 00 - SUMMARY

### PART 1 - GENERAL

#### 1.01 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.

#### 1.02 SUMMARY

- A. Section Includes:
  - 1. Project information.
  - 2. Work covered by Contract Documents.
  - 3. Phased construction
  - 4. Owner-furnished/Contractor-installed products.
  - 5. Access to site.
  - 6. Work restrictions.
  - 7. Specification and drawing conventions.
  - 8. Miscellaneous provisions.
- B. Related Requirements:
  - 1. Section 01 50 00 "Temporary Facilities and Controls" for limitations and procedures governing temporary use of Owner's facilities.

#### 1.03 PROJECT INFORMATION

- A. Project Identification:
  - Roy J. Wollam Elementary School and Santa Fe Junior High School Generator Installation
  - Santa Fe Independent School District
- B. Locations:
  - 1. Roy J. Wollam Elementary School  
3400 Avenue S  
Santa Fe, Texas 77510
  - 2. Santa Fe Junior High School  
4132 Warpath  
Santa Fe, Texas 77510
- C. cre8 Project Number 22-002.
- D. Owner: Santa Fe Independent School District, 4122 Warpath: Santa Fe, Texas 77517; phone 409.925.4002,
- E. Architect: cre8 architects; 3815 Montrose Blvd.; Suite 123; Houston, Texas 77006; phone 713.526.2738; fax 713.526.3198.
- F. Owner's Representative: Bob Atkins, Executive Director of Maintenance and Operations/Project Manager, phone 409.925.9200.

#### 1.04 WORK COVERED BY CONTRACT DOCUMENTS

- A. **The Work of Project is defined by the Contract Documents and consists of the following:**
  - 1. The Work of this project includes phased installation of generators at RJ Wollam and Santa Fe Jr High schools. Work will include, but is not limited to the following:**
    - a. Selective demolition of portions of the existing exterior concrete service yard to install generators.**
    - b. Site work for utilities and concrete mechanical pads.**
    - c. Electrical systems.**
    - d. Related items as required for a complete construction project as indicated in the construction documents.**
- B. Type of Contract:
  - 1. Project will be constructed under a single prime contract.
  - 2. The agreement between the Owner and the Contractor will be executed on AIA Document A101, "Standard Form of Agreement Between Owner and Contractor", 2017 edition.

#### 1.05 OWNER-FURNISHED/CONTRACTOR-INSTALLED (OFCI) PRODUCTS

- A. Owner's Responsibilities: Owner will furnish products indicated and perform the following, as applicable:
  - 1. Provide to Contractor Owner-reviewed Product Data, Installation Drawings (if available).
  - 2. Upon delivery, inspect, with Contractor present, delivered items.
    - a. If Owner-furnished products are damaged, defective, or missing, arrange for replacement.
  - 3. Inform Contractor of earliest available date for Owner-furnished products.
- B. Contractor's Responsibilities: The Work includes the following, as applicable:
  - 1. Designate installation dates of Owner-furnished products in Contractor's construction schedule, utilizing Owner-furnished earliest available dates for disconnections, relocation and installation.
  - 2. Disconnect, load, transport, unload, handle, store, protect, and install Owner-furnished products.
  - 3. Make building services connections for Owner-furnished products.

4. Protect Owner-furnished products from damage during storage, handling, and installation and prior to Substantial Completion.
  5. Repair or replace Owner-furnished products damaged following receipt.
- 1.06 WORK PHASES
- A. The Work of this project shall be conducted in multiple phases with each phase substantially complete as indicated:
    1. Phase 1 Construction: Preparation and alterations of existing construction prior to installation of generators
      - a. Commence work: Notice to Proceed, date May 31, 2022.
      - b. Substantial Completion date: August 1, 2022.
    2. Phase 2 Construction: Installation of generators.
      - a. Commence work: Notice to Proceed date May 31, 2022.
      - b. Substantial Completion: As stated in Owner Contractor Agreement.
  - B. Before commencing Work of each phase, submit an updated copy of Contractor's construction schedule showing the sequence, commencement and completion dates for all phases of the Work.
  - C. Work shall commence after the Notice to Proceed and be substantially complete and ready for occupancy at time of Substantial Completion of the Work as stated in the Agreement.
- 1.07 ACCESS TO SITE
- A. General: Contractor shall have limited use of Project site for construction operations as indicated on Drawings by the contract limits and as indicated by requirements of this Section.
  - B. Use of Site: Limit use of Project site to Work in areas indicated. Do not disturb portions of Project site beyond areas in which the Work is indicated.
    1. Limits: Confine construction operations to areas indicated on Drawings.
    2. Driveways, Walkways and Entrances: Keep driveways loading areas, and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or for storage of materials.
      - a. Schedule deliveries to minimize use of driveways and entrances by construction operations.
      - b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
  - C. Condition of Existing Building: Maintain portions of existing building affected by construction operations in a weathertight condition throughout construction period. Repair damage caused by construction operations.
  - D. Condition of Existing Grounds: Maintain portions of existing grounds, landscaping, and hardscaping affected by construction operations throughout construction period. Repair damage caused by construction operations.
- 1.08 WORK RESTRICTIONS
- A. Work Restrictions, General: Comply with restrictions on construction operations.
    1. Comply with limitations on use of public streets and with other requirements of authorities having jurisdiction.
  - B. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after providing temporary utility services according to requirements indicated:
    1. Notify Architect and Owner not less than two days in advance of proposed utility interruptions.
    2. Obtain Architect's and Owner's written permission before proceeding with utility interruptions.
  - C. Noise, Vibration, and Odors: Coordinate operations that may result in high levels of noise and vibration, odors, or other disruption to Owner occupancy with Owner.
    1. Notify Architect and Owner not less than two days in advance of proposed disruptive operations.
    2. Obtain Architect's and Owner's written permission before proceeding with disruptive operations.
  - D. Controlled Substances: Use of tobacco products and other controlled substances on Project site is not permitted.
    1. The contractor will be back charged \$250.00 for each infraction of this policy. In addition, the Owner reserves the right to have the Contractor's personnel dismissed from the Owner's property. This policy shall be strictly enforced by all employees of the Owner.
  - E. Employee Identification: Provide identification tags for Contractor personnel working on Project site. Require personnel to use identification tags at all times.
  - F. Employee Screening: Comply with Owner's requirements for background screening of Contractor personnel working on Project site.
    1. Maintain list of approved screened personnel with Owner's representative.
- 1.09 SPECIFICATION AND DRAWING CONVENTIONS
- A. Specification Format: The Specifications are organized into Divisions and Sections using the 50- division format and CSI/CSC's "MasterFormat" numbering system.
    1. Section Identification: The Specifications use Section numbers and titles to help cross-referencing in the Contract Documents. Sections in the Project Manual are in numeric sequence; however, the sequence is incomplete because all available Section numbers are not used. Consult the table of contents at the beginning of the Project Manual to determine numbers and names of Sections in the Contract Documents.

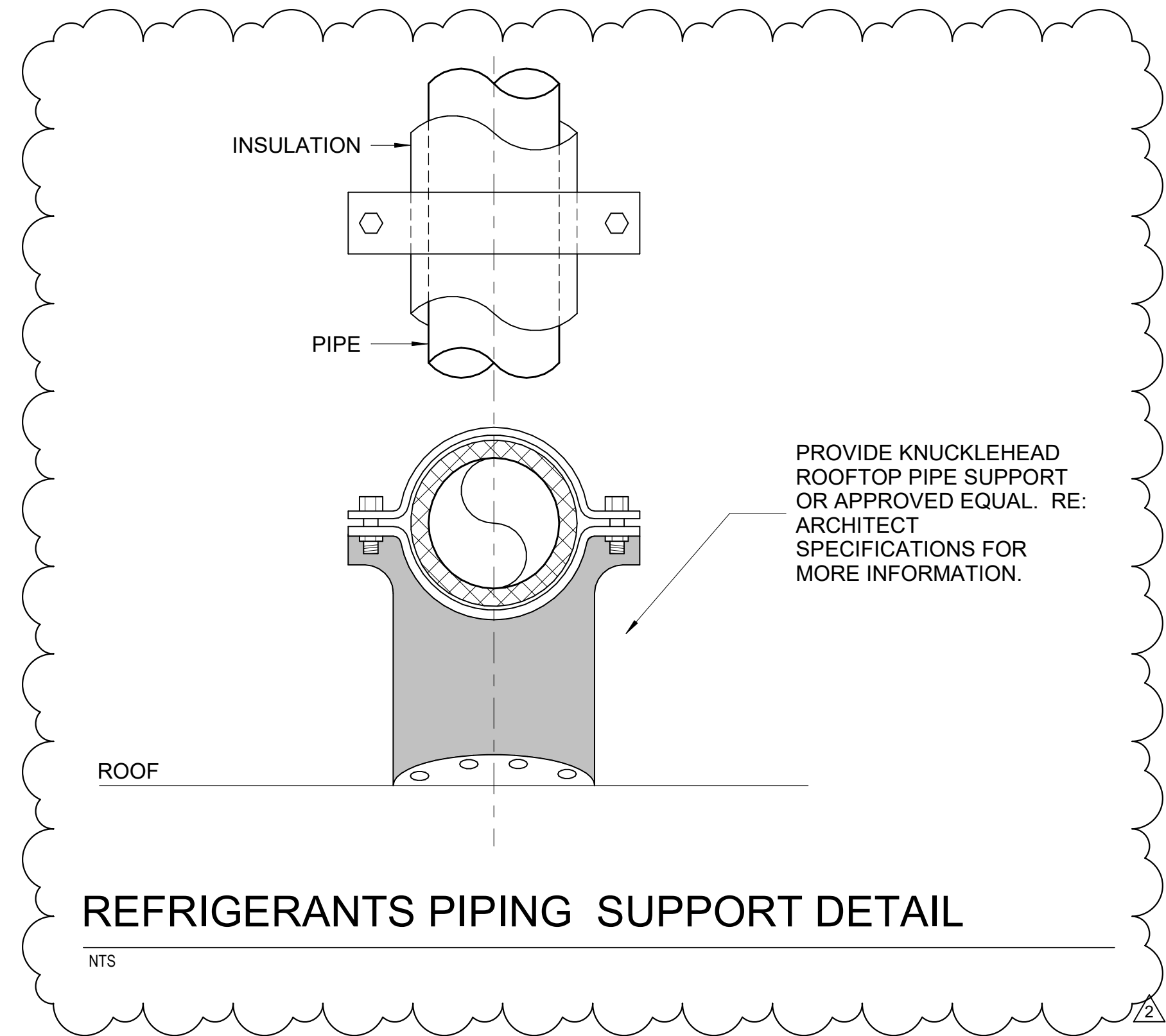
- B. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:
  - 1. Imperative mood and streamlined language are generally used in the Specifications. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.
  - 2. Specification requirements are to be performed by Contractor unless specifically stated otherwise.
- C. Division 01 General Requirements: Requirements of Sections in Division 01 apply to the Work of all Sections in the Specifications.
- D. Drawing Coordination: Requirements for materials and products identified on Drawings are described in detail in the Specifications. One or more of the following are used on Drawings to identify materials and products:
  - 1. Terminology: Materials and products are identified by the typical generic terms used in the individual Specifications Sections.
  - 2. Abbreviations: Materials and products are identified by abbreviations and scheduled on Drawings.
  - 3. Keynoting: Materials and products are identified by reference keynotes referencing Specification Division numbers found in this Project Manual.

PART 2 - PRODUCTS (Not Used)

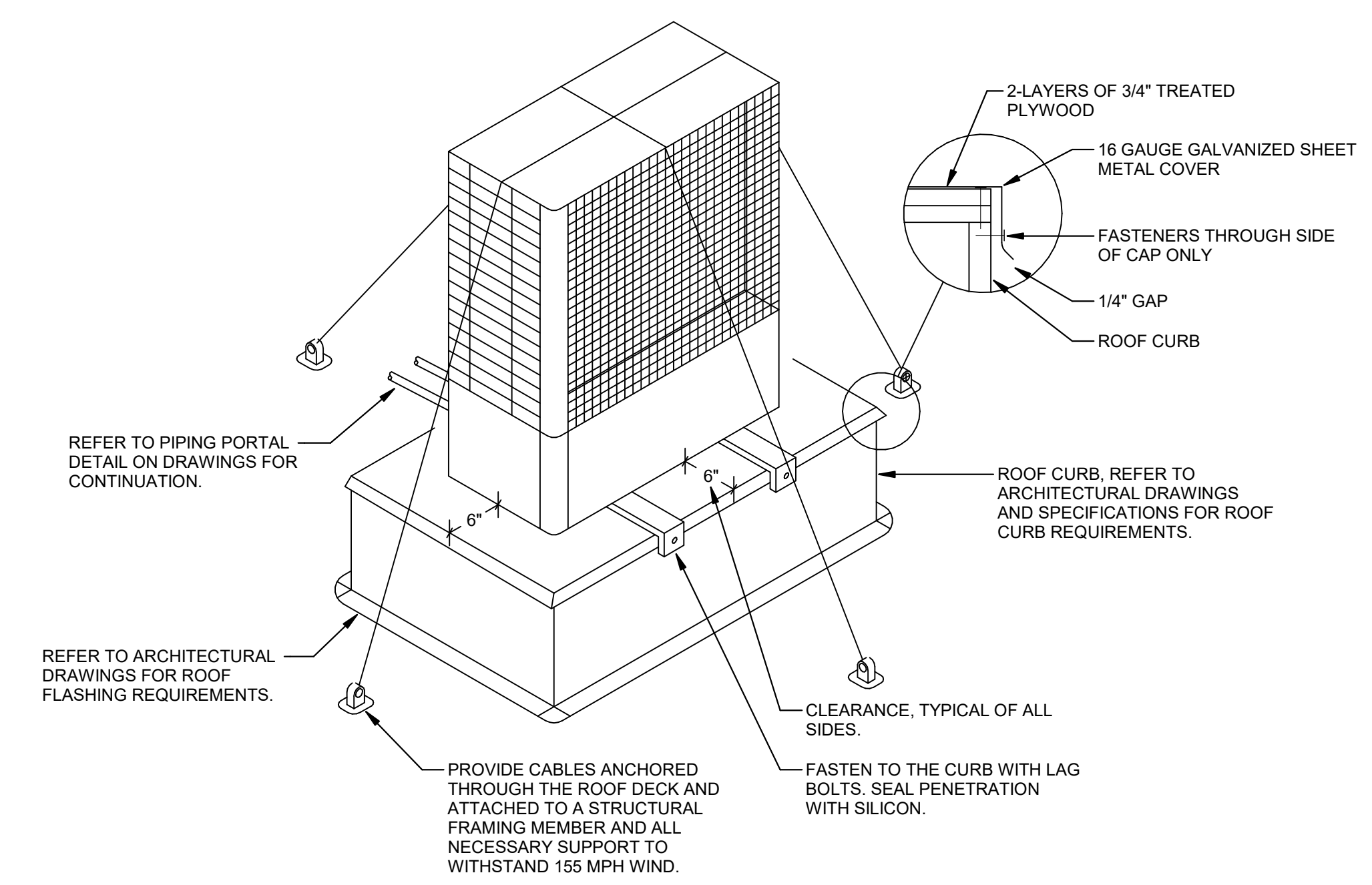
PART 3 - EXECUTION (Not Used)

END OF SECTION 01 10 00

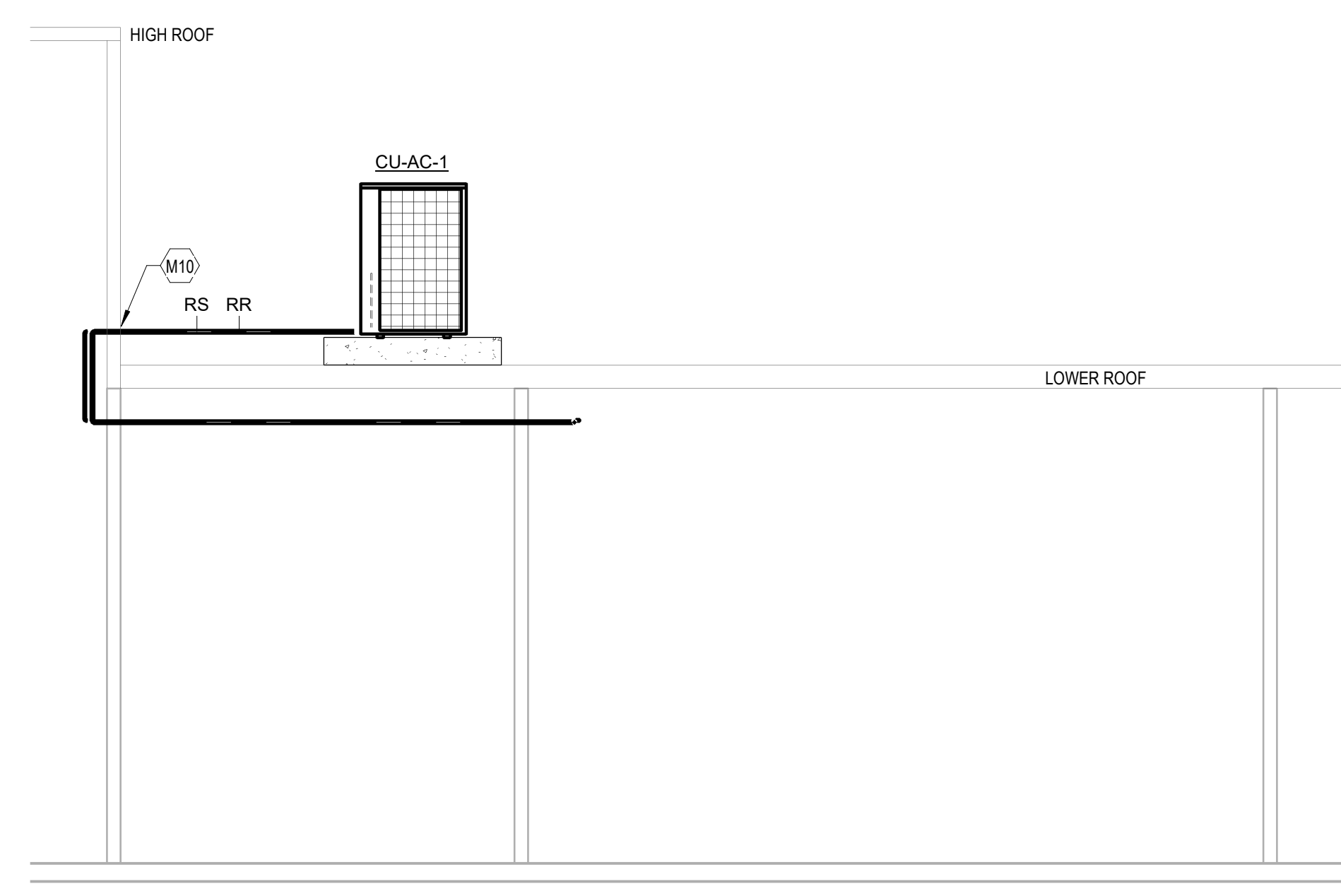
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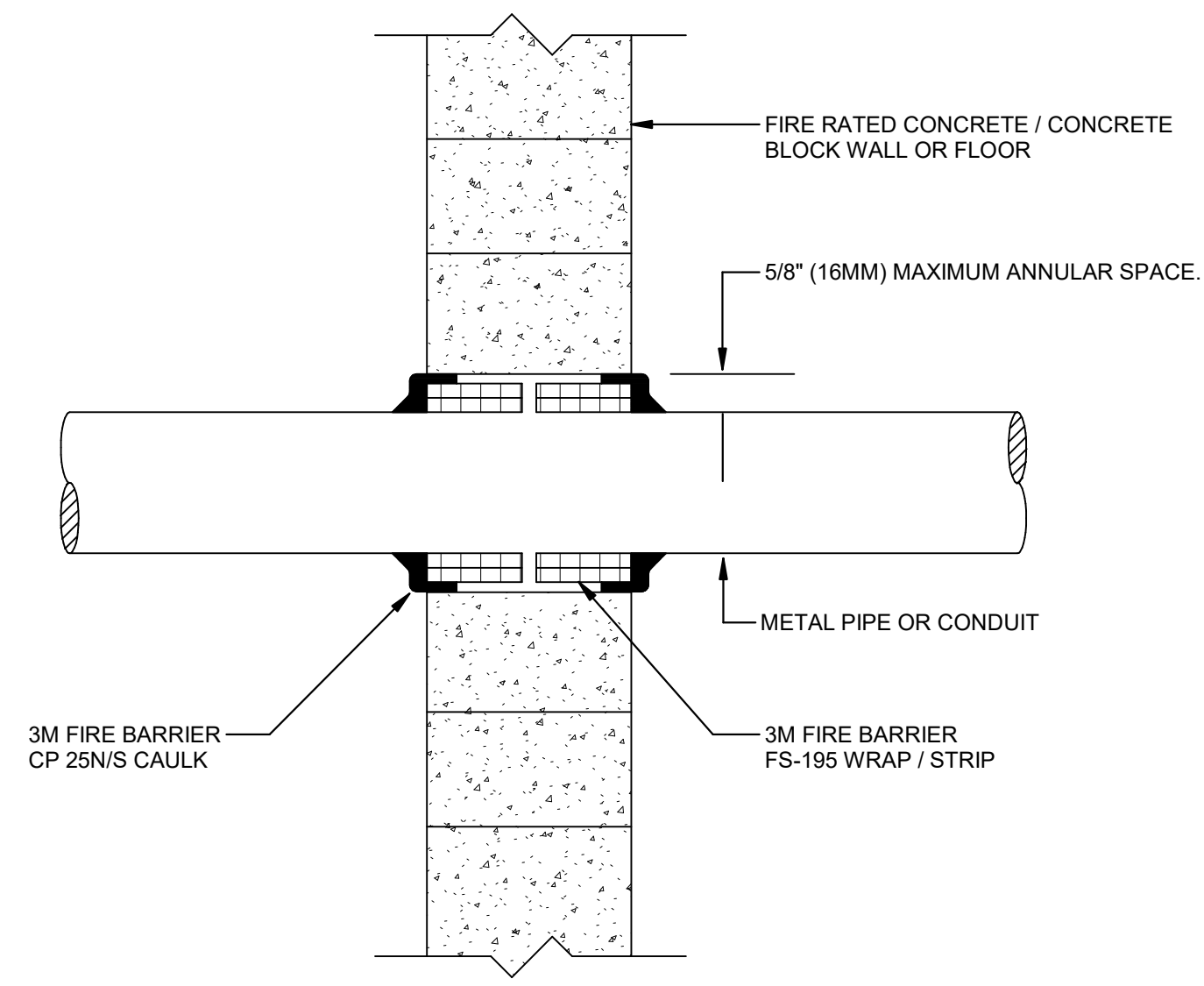
**REFRIGERANTS PIPING SUPPORT DETAIL**  
NTS



**ROOF MOUNTED CONDENSING UNIT DETAIL**  
NTS

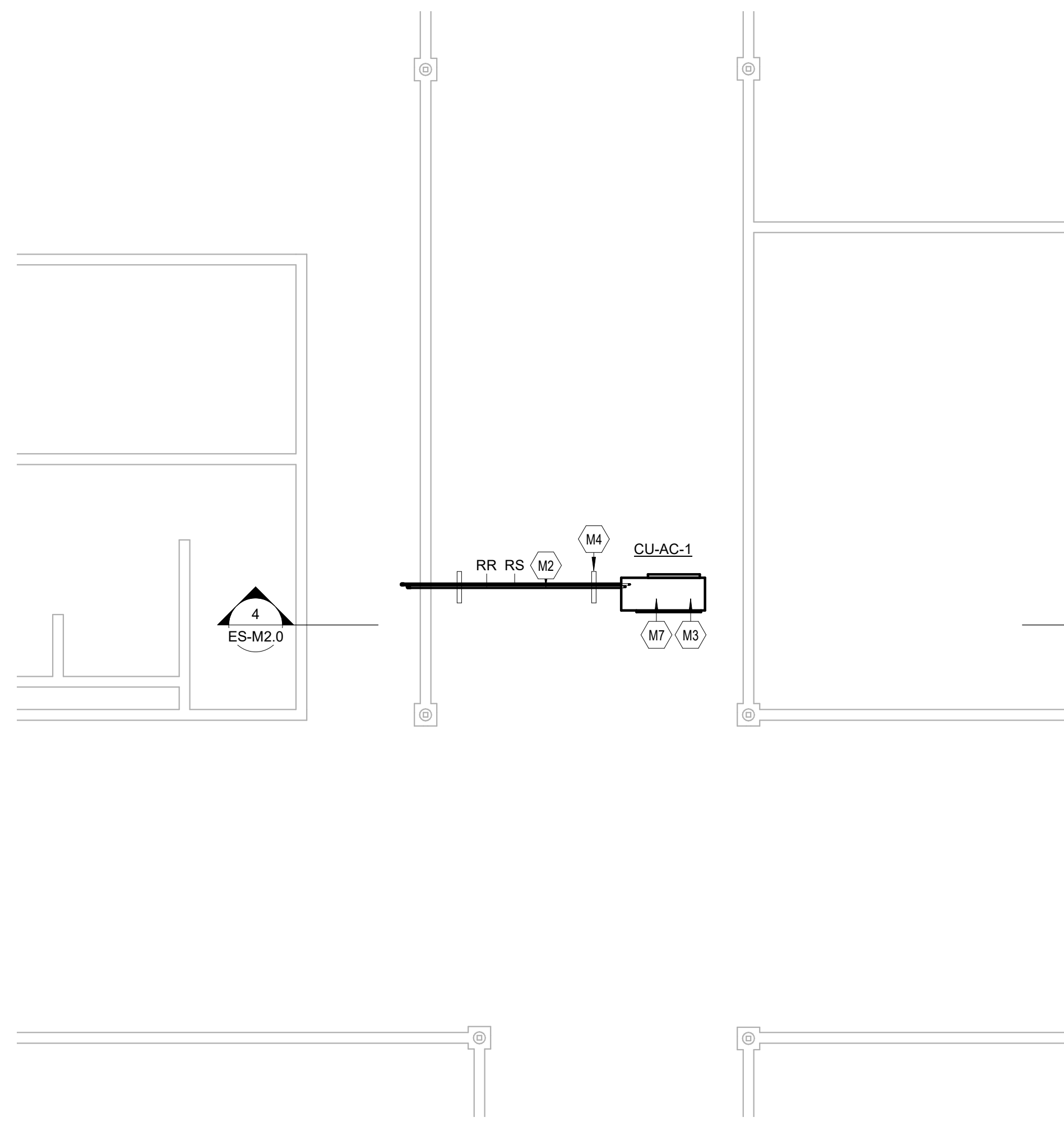


**MECHANICAL SECTION #1**  
1/4" = 1'-0"

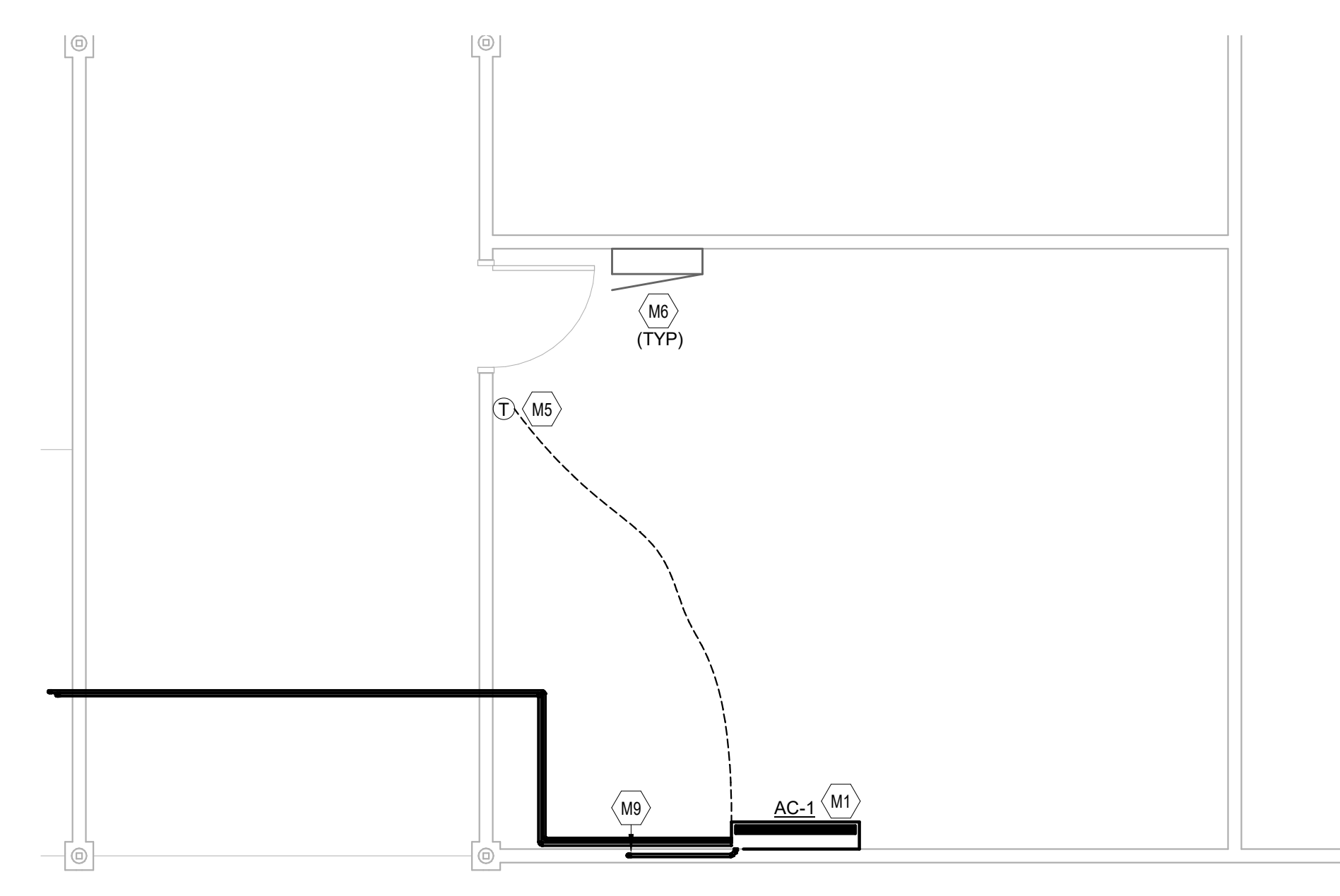


- NOTES:
1. THE MAXIMUM ANNULAR SPACE AROUND THE METAL PIPE OR CONDUIT IS 5/8" (16mm). (IF THE ANNULAR SPACE EXCEEDS 5/8" PATCH THE WALL AND PENETRATE WALL AT ANOTHER LOCATION).
  2. WRAP THE 3M MODEL# FS-195 WRAP/STRIP AROUND THE PIPE/CONDUIT, FOIL SIDE OUT, TO FILL THE SPACE BETWEEN THE PIPE/CONDUIT AND THE WALL OPENING. THE 3M MODEL# FS-195 WRAP/STRIP SHOULD BE TIGHTLY SECURED WITH ALUMINUM FOIL TAPE OR STEEL TIE WIRE AND PUSHED INTO THE OPENING UNTIL THE TOP EDGE OF THE WRAP IS FLUSH WITH THE WALL SURFACE. THE IDENTICAL INSTALLATION SHOULD BE INSTALLED ON THE OTHER SIDE OF THE WALL.
  3. USE 3M MODEL# CP 25N(S/NO SAG) CAULK TO FILL THE AREA BETWEEN THE FS-195 WRAP/STRIP AND THE EDGES OF THE OPENING AND ANY VOIDS IN THE 3M MODEL# FS-195 WRAP/STRIP. A FILM OF CP 25 CAULK SHOULD COAT ALL EXPOSED EDGES OF THE FS-195 WRAP/STRIP AND COMPLETELY SEAL THE AREA BETWEEN THE FS-195 WRAP/STRIP, THE PIPE/CONDUIT AND THE WALL SURFACE.

**PENETRATION FIRESTOP FOR METAL PIPE / CONDUIT THROUGH A CONCRETE OR MASONRY WALL**  
NTS



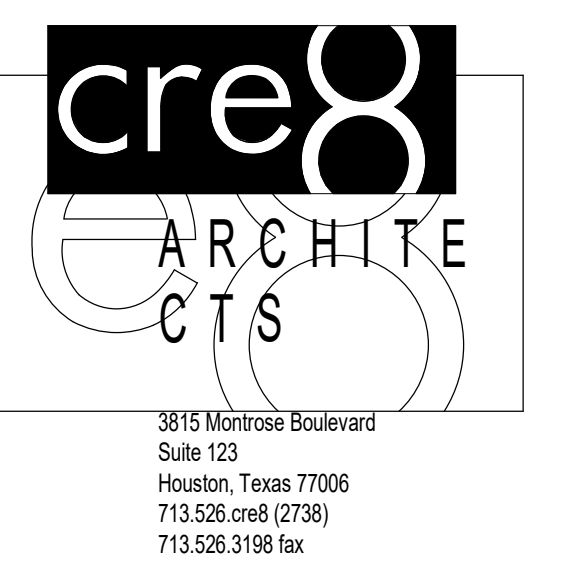
**MECHANICAL ENLARGED ROOF PLAN**  
1/4" = 1'-0"



**MECHANICAL ENLARGED SYSTEMS ROOM - IDF**  
1/4" = 1'-0"

**TAGGED NOTES**

M1	PROVIDE MIN-SPLIT SYSTEM AC-1 AT THE LOCATION SHOWN. REFER TO MECHANICAL SCHEDULES FOR SPLIT SYSTEM PERFORMANCE AND REQUIREMENTS.
M2	ROUTE REFRIGERANTS PIPING AND PENETRATE THE EXTERIOR UPPER ROOF WALL. REFER TO MANUFACTURER RECOMMENDATION FOR PIPING SIZES AND INSULATION THICKNESS. REFER TO ARCHITECT SPECIFICATION FOR WALL PENETRATION SEALING REQUIREMENT.
M3	CONDENSER UNIT CU-AC-1 SHALL BE ANCHORED TO ROOF TO WITHSTAND 155 MPH WIND. REFER TO MECHANICAL DETAILS FOR EQUIPMENT ANCHOR DETAIL.
M4	REFRIGERANTS PIPING SHALL BE SUPPORTED USING PIPE SUPPORTS. REFER TO MECHANICAL DETAILS FOR PIPING SUPPORTS AND ARCHITECT FOR SUPPORT SPECIFICATIONS.
M5	PROVIDE THERMOSTAT AT THE LOCATION SHOWN.
M6	DON'T INSTALL ANY PIPING ABOVE ELECTRICAL PANELS, TRANSFORMERS AND WHERE CONDUIT RUNS AGAINST WALL. REFER TO ELECTRICAL PLANS FOR LOCATIONS.
M7	PROVIDE CONDENSER UNIT CU-AC-1 AT THE LOCATION SHOWN. REFER TO MECHANICAL SCHEDULES FOR SPLIT SYSTEM PERFORMANCE AND REQUIREMENTS.
M8	ROUTE CONDENSATE PIPING TO CONDENSATE WALL BOX AND REFER TO PLUMBING DRAWINGS FOR CONTINUATION.
M10	NEW PENETRATION AT THE EXTERIOR WALL FOR THE REFRIGERANTS PIPING.



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**Roy J. Wollam Elementary School  
 and Santa Fe Junior High School -  
 Generator Installation**  
 3400 AVE. S, SANTA FE, TX 77510  
 SANTA FE INDEPENDENT SCHOOL DISTRICT



**Revision Schedule**

NO.	ISSUE	DATE
1	Addendum #2	04/18/2022
2	Addendum #5	04/27/2022

**Sheet Information**

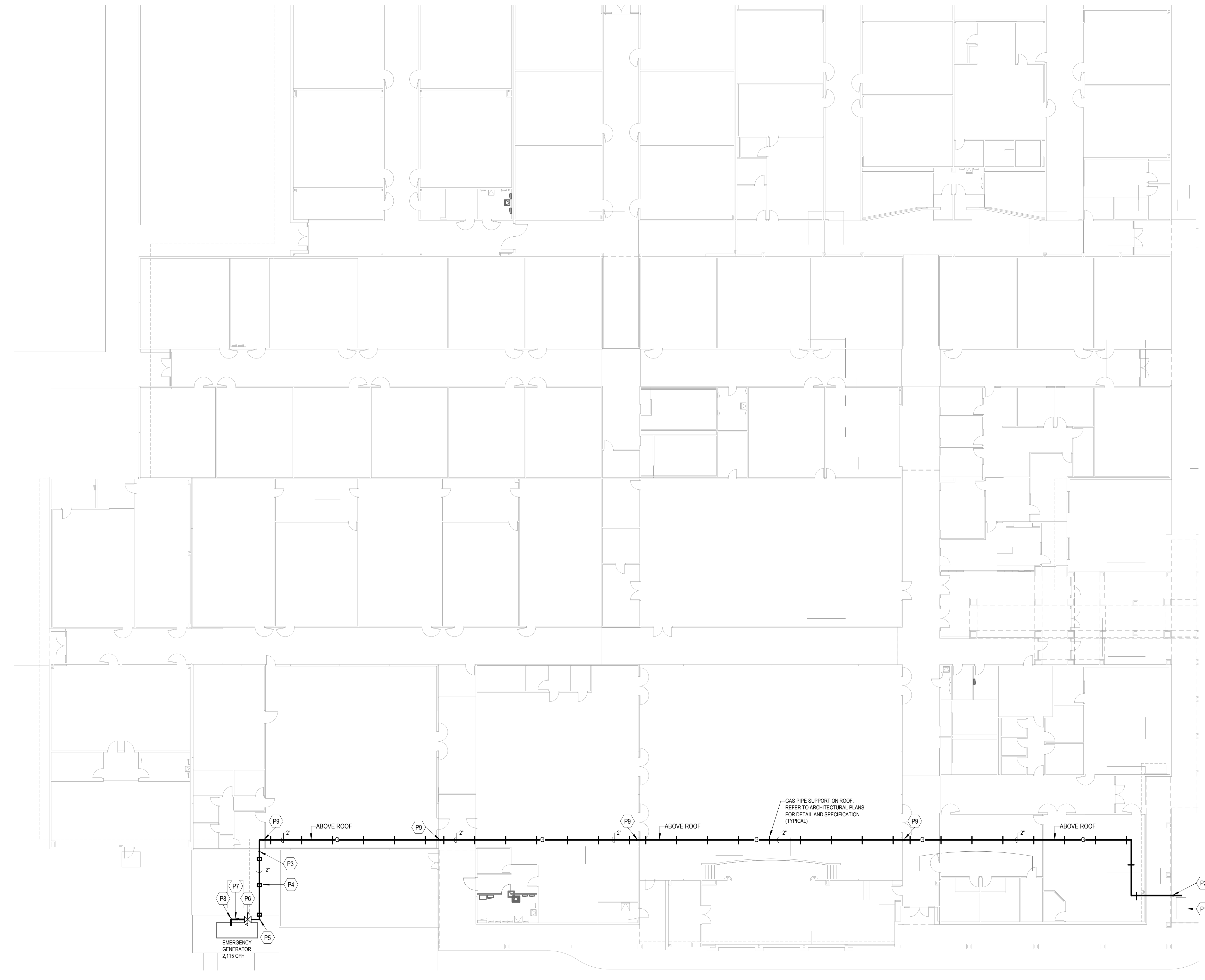
Date	March 25, 2022
Job Number	22-002
Drawn	HS
Checked	G/JG
Approved	G/JG
Title	



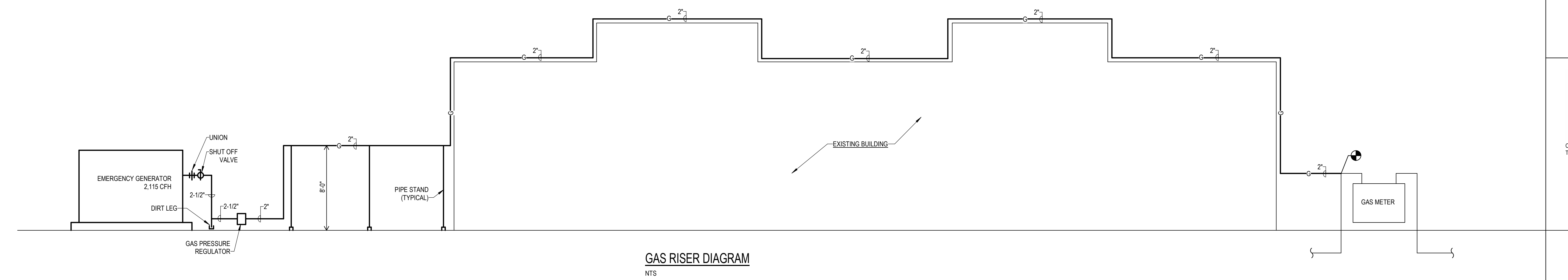
**MECHANICAL ENLARGED ROOMS AND DETAILS**

Sheet  
**ES-M2.0**

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1 PLUMBING OVERALL PLAN  
 1/16" = 1'-0"

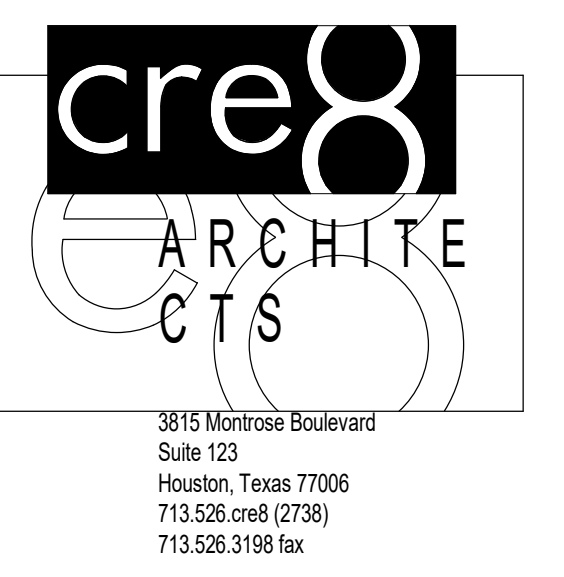


GAS RISER DIAGRAM  
 NTS

- TAGGED NOTES**
- P1 EXISTING GAS METER. NEW GAS LOAD TO EXISTING GAS METER IS 2,115 CFH. IF EXISTING GAS METER WILL NOT HANDLE ADDITIONAL GAS LOAD, COORDINATE GAS METER REPLACEMENT WITH LOCAL GAS COMPANY. VERIFY AT SITE EXACT LOCATION OF EXISTING GAS METER.
  - P2 ROUTE NEW 2" GAS AT 5 PSI UP TO ABOVE ROOF AND ROUTE AS SHOWN TO NEW EMERGENCY GENERATOR.
  - P3 NEW 2" GAS AT 5 PSI DOWN ON EXTERIOR WALL.
  - P4 ROUTE NEW 2" GAS AT 5 PSI ON PIPE STANDS AS SHOWN AT 8'-0" ABOVE SLAB.
  - P5 NEW GAS 2" GAS AT 5 PSI DOWN TO SERVE NEW EMERGENCY GENERATOR.
  - P6 NEW GAS PRESSURE REGULATOR REGULATING GAS PRESSURE FROM 5 PSI TO 8 OUNCE.
  - P7 NEW GAS PIPING DOWNSTREAM OF NEW REGULATOR TO BE 2-1/2"
  - P8 PROVIDE DIRT LEG, SHUT OFF VALVE, AND UNION PRIOR TO CONNECTION TO NEW EMERGENCY GENERATOR.
  - P9 NEW PIPING ON ROOF TO RISE UP AND BACK DOWN CROSSING OVER EXISTING DINING AREA AND BAND HALL.

**PLAN NOTES:**  
 1 REFER TO ARCHITECTURAL PLANS FOR GAS PIPE SUPPORT DETAIL AND SPECIFICATION.

**PIPING MATERIAL SCHEDULE**  
 NATURAL GAS PIPING ABOVE SLAB:  
 SCHEDULE 40 BLACK STEEL WITH CLASS 150 BLACK MALLEABLE IRON SCREWED FITTINGS. PAINT PIPING WITH CORROSION RESISTANT PAINT. AT CONTRACTORS OPTION, WEGOPRESS (O) CARBON STEEL FITTINGS WITH SMART CONNECT TECHNOLOGY MANUFACTURED BY WIEGA PRO-PRESS WILL BE ACCEPTABLE.



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# Roy J. Wollam Elementary School and Santa Fe Junior High School - Generator Installation

4132 Warpath Ave., Santa Fe, TX 77510  
 SANTA FE INDEPENDENT SCHOOL DISTRICT



Revision Schedule		
NO.	ISSUE	DATE
3	Addendum #5	04/27/2022

Sheet Information	
Date	04-08-2022
Job Number	22-002
Drawn	JS
Checked	GJG
Approved	GJG
Title	



**PLUMBING  
 OVERALL PLAN**

Sheet  
**JH-P2.0**

Construction Documents