



# Ventura County Community College District

PURCHASING DEPARTMENT

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DATE: October 18, 2024  
TO: All Bidders  
FROM: Renée Knight, Purchasing Specialist  
SUBJECT: Addendum #1 – Bid #692, Oxnard College Administration Building HVAC Replacement (Phase II)

*This addendum is hereby made part of the Contract Documents to the same extent as though it was originally included therein and takes precedence over the original documents. The outdated pages must be replaced with any updated and/or changed pages when submitting your bid. Acknowledge receipt of all addenda on the Bid Form.*

The bid opening remains on **Wednesday, October 23<sup>rd</sup>, 2024**. Bids must be received no later than **3:00 p.m.** at 761 E Daily Drive, Suite 200, Camarillo, CA 93010. Properly mark the outside of the exterior envelope on your submitted bid with the Bid Number and Name according to the requirements stated in the bid packet directions.

If you choose not to participate in this particular bid, please sign the Bid Proposal stating “no bid” and email or fax it back to me at 805-652-7700.

It is the responsibility of the Bidder to verify that their proposal has been received by the VCCCD Purchasing Department prior to the opening date. Verification of receipt can be made through the listed Purchasing Specialist.

The following information is in answer to questions that were asked at the job walk and via email request. The deadline for questions was **3:00pm, Wednesday, October 16, 2024**. No further questions will be accepted.

*End of Section*



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## **Responses to Questions for Bid#692 OC Administration Building HVAC, Phase II**

1. Could you please send me the As-built drawings showing the routing of the existing refrigeration lines .As part of the scope is to replace the insulation this will be needed to quantify footages

**Response:** Please see attached drawings.

2. The notes on the drawings require cleaning existing ductwork and air distribution devices. Pls provide spec for duct cleaning and if it needs to be done by certified duct cleaning companies.

**Response:** Please see below references to the cleaning for existing ductwork and air distribution devices.

3. Special conditions section of spec requires a \$25,000 allowance. Pls advise if this amount includes the OH/Profit

**Response:** This is internal to your company, we cannot instruct how you structure it, just that it must be included.



# AE Group

## Mechanical Engineers

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October 18, 2024

Addendum #1

Oxnard College Administration Building HVAC Replacement (Phase II)  
VCCCD Bid 692

A. Relocate IU-10

1. Install IU-10 at the location shown on attached sheet. The existing location is obstructed by a large fire sprinkler pipe. Remove existing fan coil and provide new ducting to connect to existing ducting at approximate locations shown on the attached plan
2. Extend existing condensate, control and power wiring, and refrigerant piping.
3. At each fan coil to be replaced provide and install any needed all thread, strut, cable bracing, blocking, hardware, etc for a complete installation of the new fan coils. Existing spring isolators may be re-used or provide new 1" deflection isolators.

B. Duct Cleaning Specification

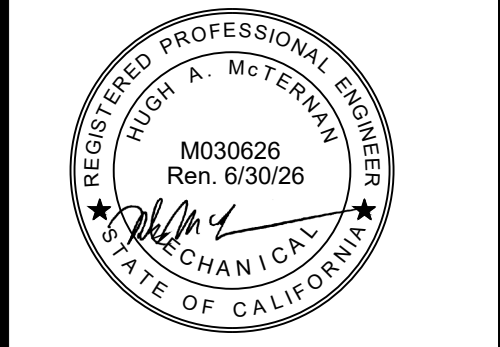
1. Duct Cleaning shall be per NADCA General Specifications for Cleaning of Commercial Heating, Ventilating, and Air Conditioning Systems
2. Pre-clean duct systems and force air at high velocity through duct to remove accumulated dust. To obtain sufficient air, clean half the system at a time. Protect equipment which may be harmed by excessive dirt with temporary filters, or bypass during cleaning.
3. The contractor shall be responsible for the removal of visible surface contaminants and deposits within the entire HVAC system, both existing and new. The HVAC system includes any interior surface of the facility's air distribution system for conditioned spaces and/or occupied zones. This includes the entire heating, air-conditioning and ventilation system from the points where the air enters the system to the points where the air is discharged from the system. The return air grilles, return air ducts to the new fan coil units (IU's), supply air ducts, turning vanes, and supply diffusers are all considered part of the HVAC system.
4. The Air Duct cleaning contractor shall conduct a visual inspection of the ducts and shall document any apparent damage or any fungal or microbiological contamination to the system and shall without delay provide a written report of any deficiencies to the engineer and owner's representative.

5. The HVAC system shall be cleaned using Source Removal mechanical cleaning methods designed to extract contaminants from within the HVAC system and safely remove contaminants from the facility. All methods used shall incorporate the use of vacuum collection devices that are operated continuously during cleaning. All methods require mechanical agitation devices to dislodge debris adhered to interior system surfaces, without damaging the integrity of ductwork and liners, such that debris may be safely conveyed to vacuum collection devices. A vacuum device shall be connected to the downstream end of the section being cleaned. All vacuums shall be equipped with HEPA filters.
  6. At the conclusion of the cleaning project the contractor shall provide to the engineer within one week a report indicating the success of the cleaning project as verified through photos and visual inspection.
- C. See sheets M2.2, M2.3, M2.4, M2.5, M2.6, M2.7, M2.8, M3.0 for approximate routing of existing refrigerant piping for bidding purposes. Exact routes are not known at this time. Include 15% extra insulation and installation for actual route.
- D. Install three new penthouse louvers at roof for new outside air intakes. Re-route existing ducting to new plenum. Provide licensed roofer for roof patching. See sheet M3.0. Location is approximate and final location will be determined during construction based on existing conditions.

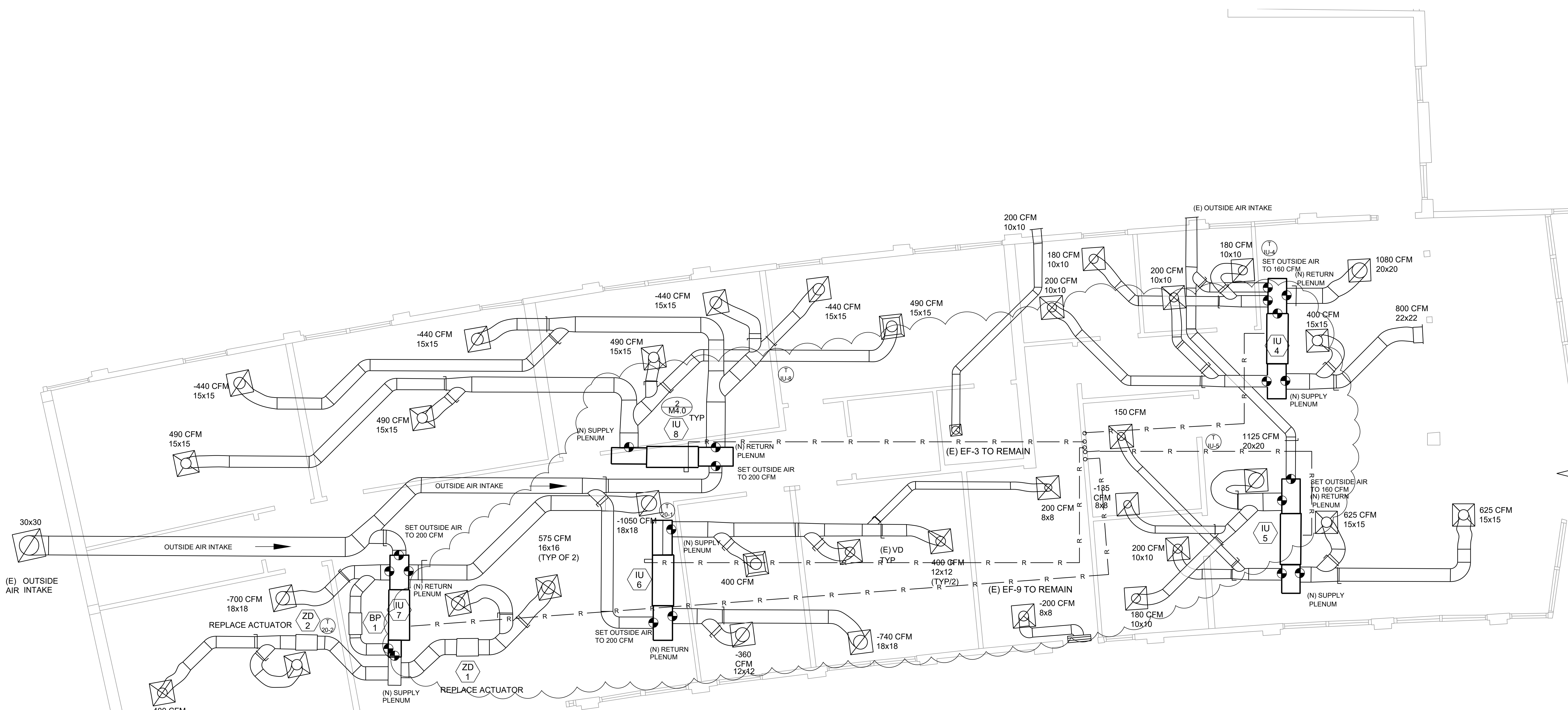
End of Addendum #1

Revisions	
1	ADDENDUM 1 10-18-24

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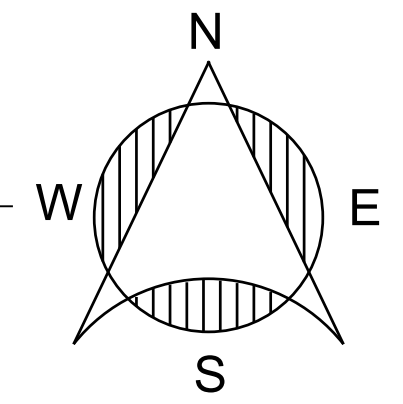


**OXNARD COLLEGE**  
 HVAC REPLACEMENT PROJECT  
**OXNARD COLLEGE ADMINISTRATIVE BUILDINGS**  
 4000 S ROSE AVE, OXNARD, CA 93033



- SHEET NOTES**
1. DEMO EXISTING FAN COILS AND PLENUMS. INSTALL NEW FAN COILS AND 1" LINED SUPPLY AND RETURN PLENUMS. RECONNECT TO EXISTING DUCTING. ALL DUCTING AND AIR DISTRIBUTION DEVICES ARE EXISTING.
  2. RECONNECT TO EXISTING REFRIGERANT PIPING. INSTALL DIVERSITECH SUPER CHANGE TO SYSTEM. PRESSURE TEST SYSTEM WITH NITROGEN AND THEN PULL A VACUUM PER MANUFACTURER'S REQTS. REPAIR ANY LEAKS IN OLD OR NEW PIPING. REPLACE AS NEEDED.
  3. DEMO EXISTING REFRIGERANT PIPE INSULATION AND REINSULATE ALL EXISTING PIPING WITH CLOSED CELL ARMFLEX WITH SEALED JOINTS TO THE GREATEST EXTENT POSSIBLE WITHOUT DEMOLISHING EXISTING CONSTRUCTION. INSULATE NEW PIPING WITH CLOSED CELL ARMFLEX. THICKNESS PER TITLE 24 REQUIREMENTS.
  4. CLEAN ALL EXISTING DUCTING AND AIR DISTRIBUTION DEVICES
  5. RE-BALANCE SYSTEMS TO AIR QUANTITIES SHOWN.
  6. VERIFY CONDENSATE LOCATION AND SLOPE. MARK ON PLANS CONDENSATE DISCHARGE LOCATIONS. INSTALL CONDENSATE PUMP IF REQUIRED FOR PROPER DRAINAGE.

**1** BUILDING A FIRST FLOOR-OVERALL MECHANICAL PLAN  
 SCALE: 1/4"=1'



Sheet Content  
**BUILDING A**  
**FIRST FLOOR**  
**WEST SIDE**  
**MECHANICAL**  
**PLAN**

Date: 8-20-24  
 Drawn: HAM  
 Sheet Number  
**M2.2**  
 of Sheets

Revisions	
1	ADDENDUM 1 10-15-24

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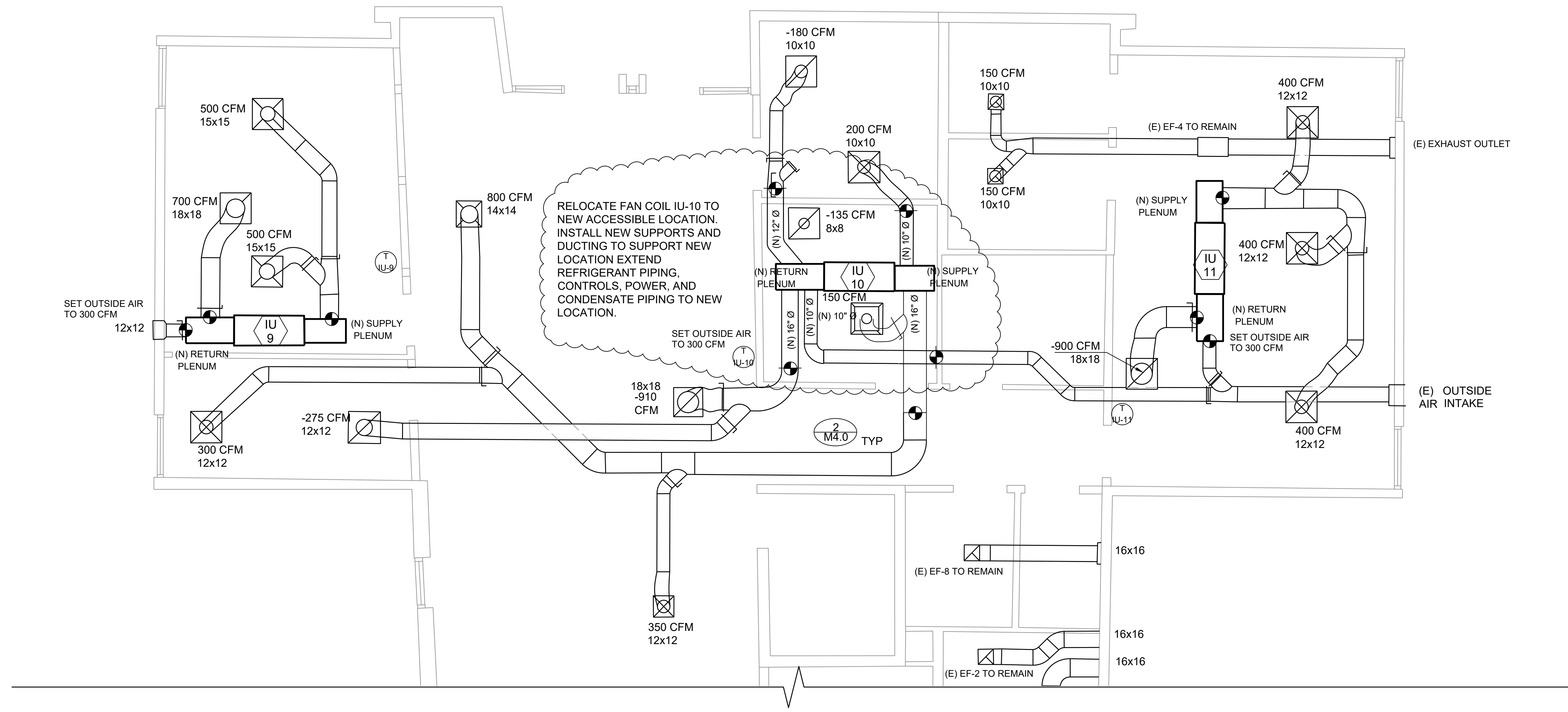
**OXNARD COLLEGE**  
 HVAC REPLACEMENT PROJECT  
**OXNARD COLLEGE ADMINISTRATIVE BUILDINGS**  
 4000 S ROSE AVE, OXNARD, CA 93033

Sheet Content  
**BUILDING A**  
**FIRST FLOOR**  
**NORTH SIDE**  
**MECHANICAL**  
**PLAN**

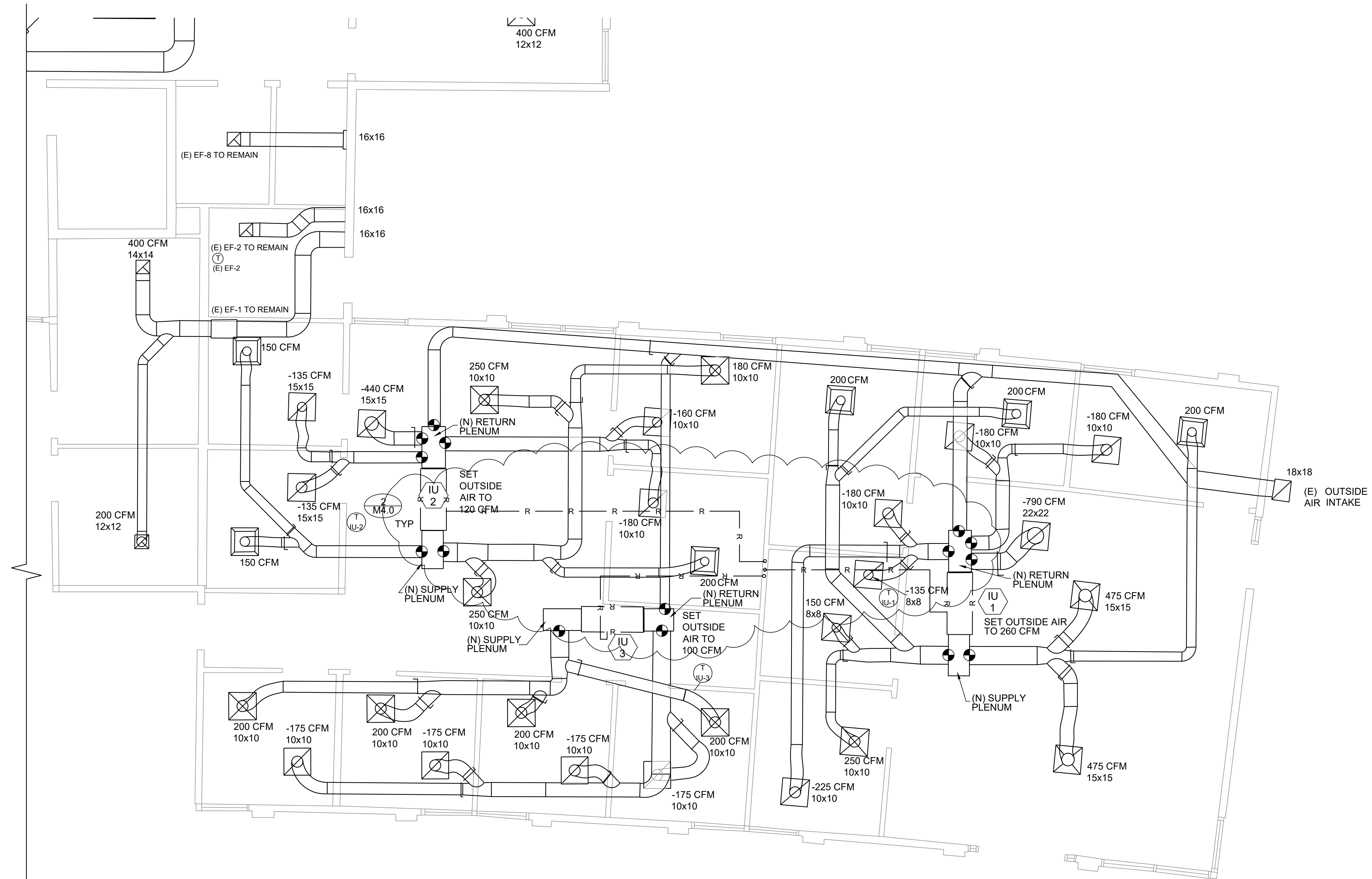
Date: 8-20-24  
 Drawn: HAM  
 Sheet Number  
**M2.3**  
 of Sheets

SHEET NOTES

1. DEMO EXISTING FAN COILS AND PLENUMS. INSTALL NEW FAN COILS AND 1" LINED SUPPLY AND RETURN PLENUMS. RECONNECT TO EXISTING DUCTING. ALL DUCTING AND AIR DISTRIBUTION DEVICES ARE EXISTING.
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4. CLEAN ALL EXISTING DUCTING AND AIR DISTRIBUTION DEVICES
5. RE-BALANCE SYSTEMS TO AIR QUANTITIES SHOWN.



1 M2.3 BUILDING A FIRST FLOOR-NORTH SIDE MECHANICAL PLAN  
 SCALE: 1/4"=1'



**SHEET NOTES**

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4. CLEAN ALL EXISTING DUCTING AND AIR DISTRIBUTION DEVICES
5. RE-BALANCE SYSTEMS TO AIR QUANTITIES SHOWN.

**1** BUILDING A FIRST FLOOR-EAST SIDE MECHANICAL PLAN  
 M2.4 SCALE: 1/4"=1'

Revisions	
1	ADDENDUM 1 10-18-24

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**OXNARD COLLEGE**  
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Sheet Content  
**BUILDING A**  
**FIRST FLOOR**  
**EAST SIDE**  
**MECHANICAL**  
**PLAN**

Date: 8-20-24

Drawn: HAM

Sheet Number  
**M2.4**

of Sheets

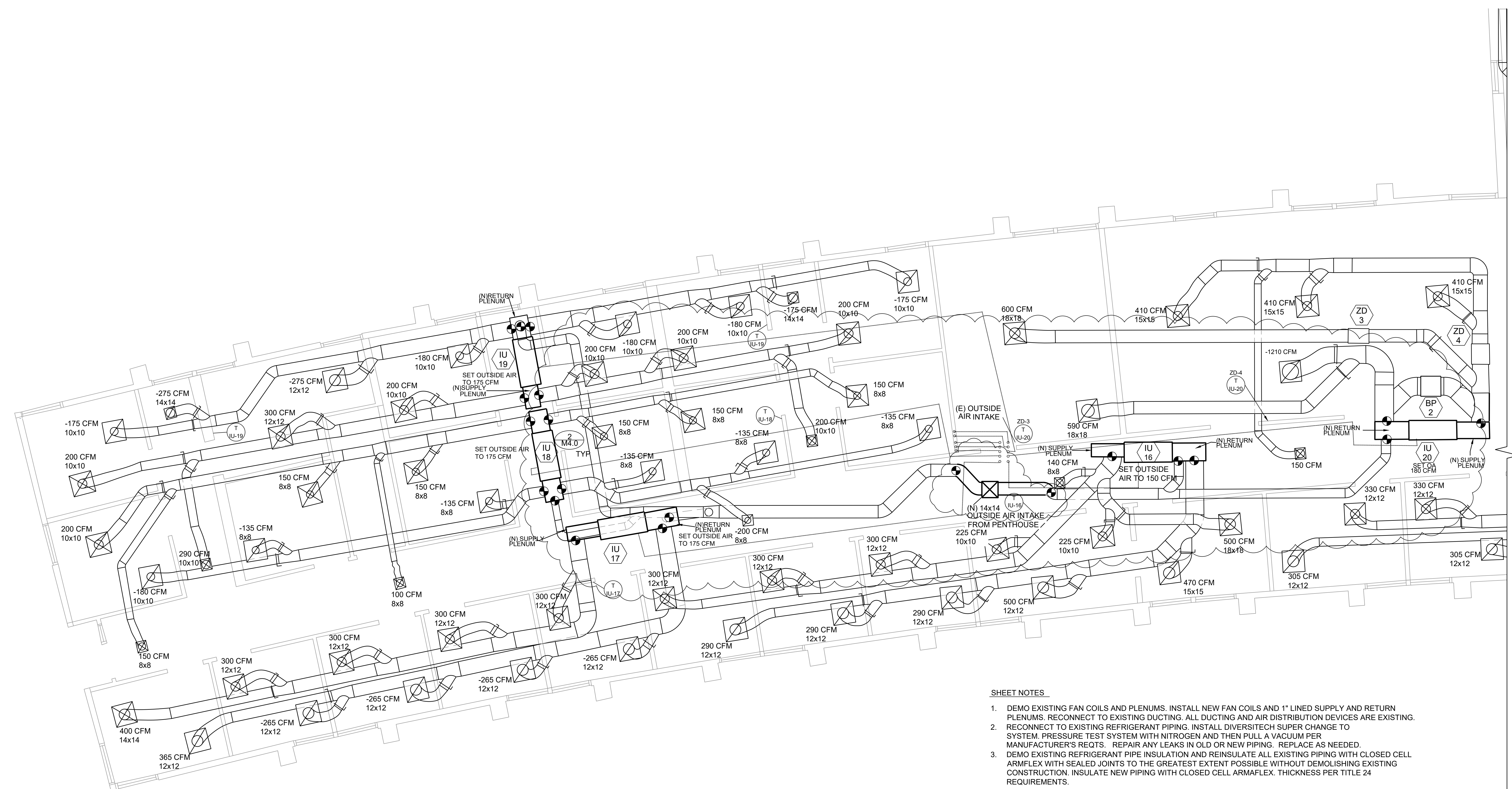


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  4. CLEAN ALL EXISTING DUCTING AND AIR DISTRIBUTION DEVICES
  5. RE-BALANCE SYSTEMS TO AIR QUANTITIES SHOWN.

**1** BUILDING A SECOND FLOOR-WEST SIDE MECHANICAL PLAN  
 M2.5 SCALE: 1/4"=1'

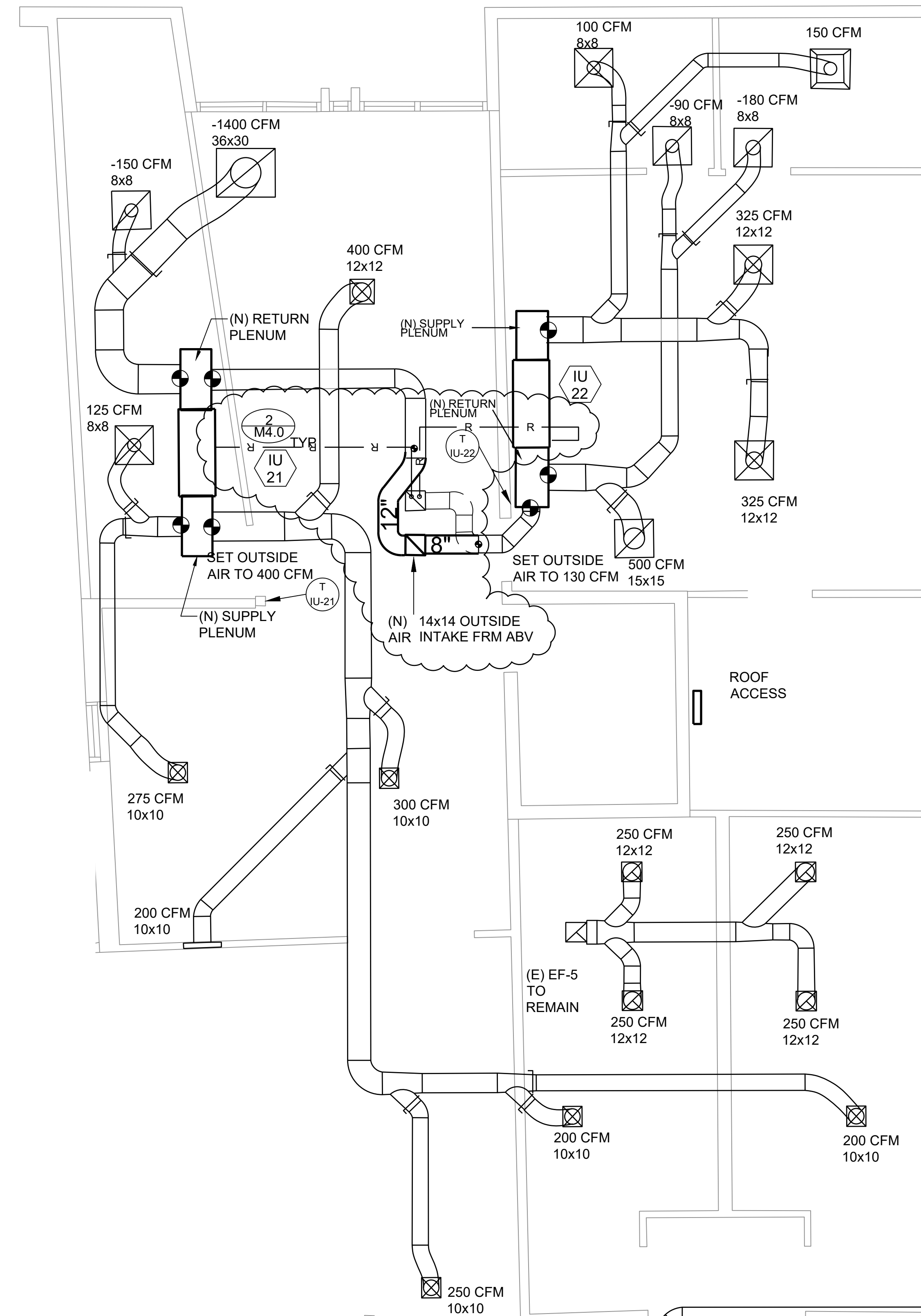
Sheet Content  
**BUILDING A SECOND FLOOR-WEST SIDE MECHANICAL PLAN**

Date: 8-20-24  
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**M2.5**  
 of Sheets



SHEET NOTES

1. DEMO EXISTING FAN COILS AND PLENUMS. INSTALL NEW FAN COILS. RECONNECT TO EXISTING DUCTING. ALL DUCTING AND AIR DISTRIBUTION DEVICES ARE EXISTING.
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4. CLEAN ALL EXISTING DUCTING AND AIR DISTRIBUTION DEVICES
5. RE-BALANCE SYSTEMS TO AIR QUANTITIES SHOWN.



1 BUILDING A SECOND FLOOR-NORTH SIDE MECH PLAN  
M2.6 SCALE: 1/4"=1'

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1	ADDENDUM 1 10-18-24

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Sheet Content  
**BUILDING A**  
**SECOND**  
**FLOOR**  
**NORTH SIDE**  
**MECH PLAN**

Date: 8-20-24  
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 Sheet Number  
**M2.6**  
 of Sheets

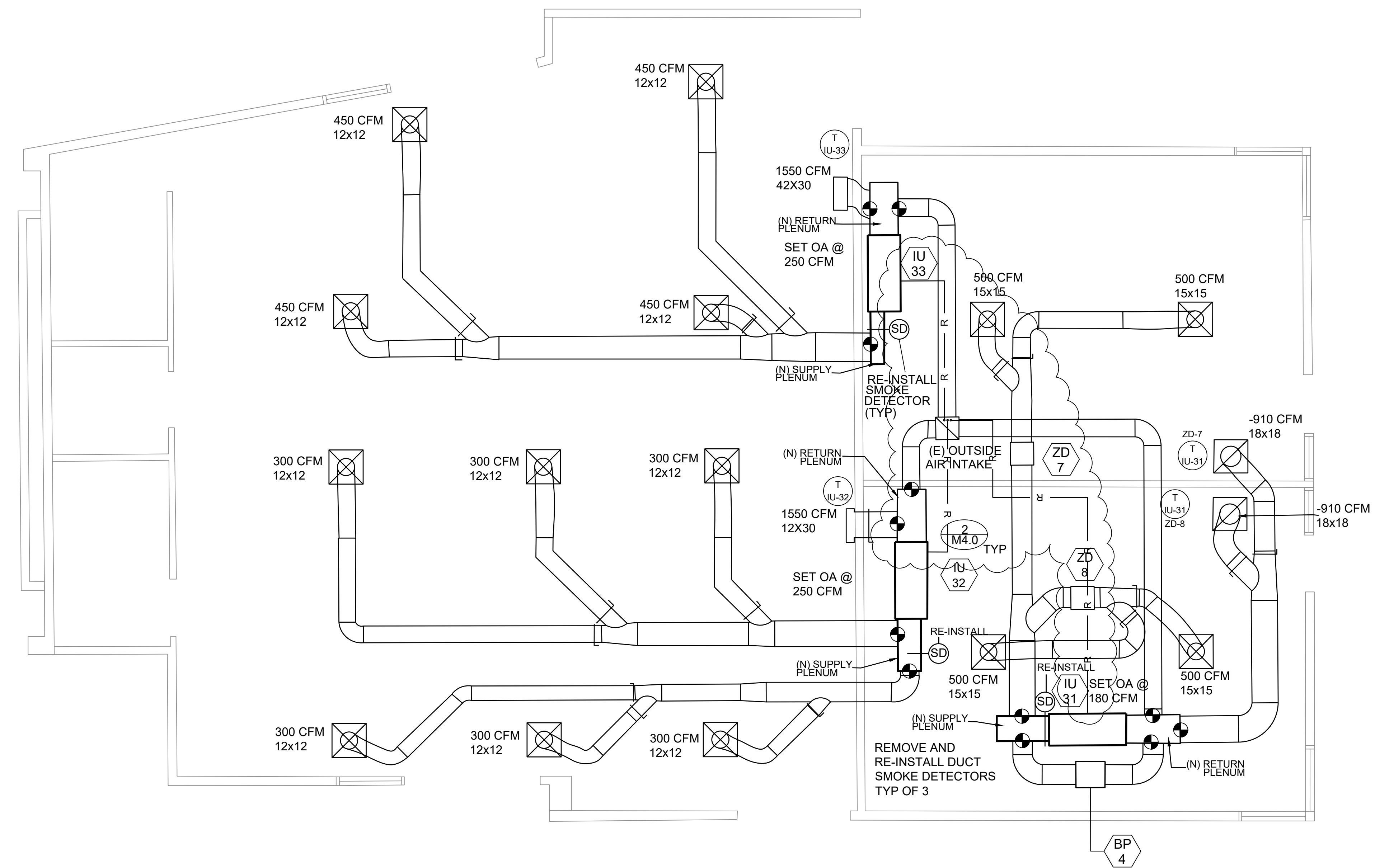


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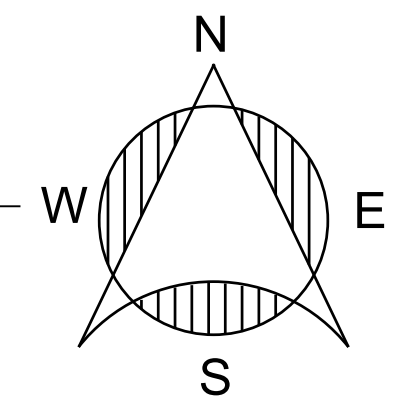


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5. RE-BALANCE SYSTEMS TO AIR QUANTITIES SHOWN.

1  
M2.8

**BUILDING AA-FIRST FLOOR MECHANICAL PLAN**  
 SCALE: 1/4"=1'

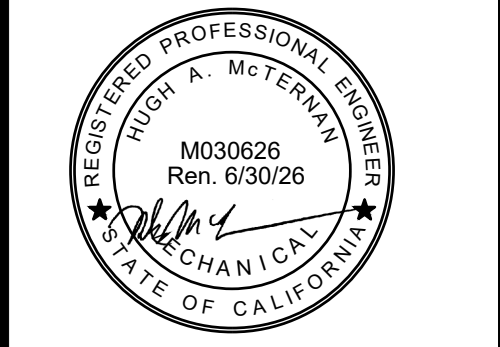


Sheet Content  
**BUILDING AA**  
**FIRST FLOOR**  
**MECHANICAL**  
**PLAN**

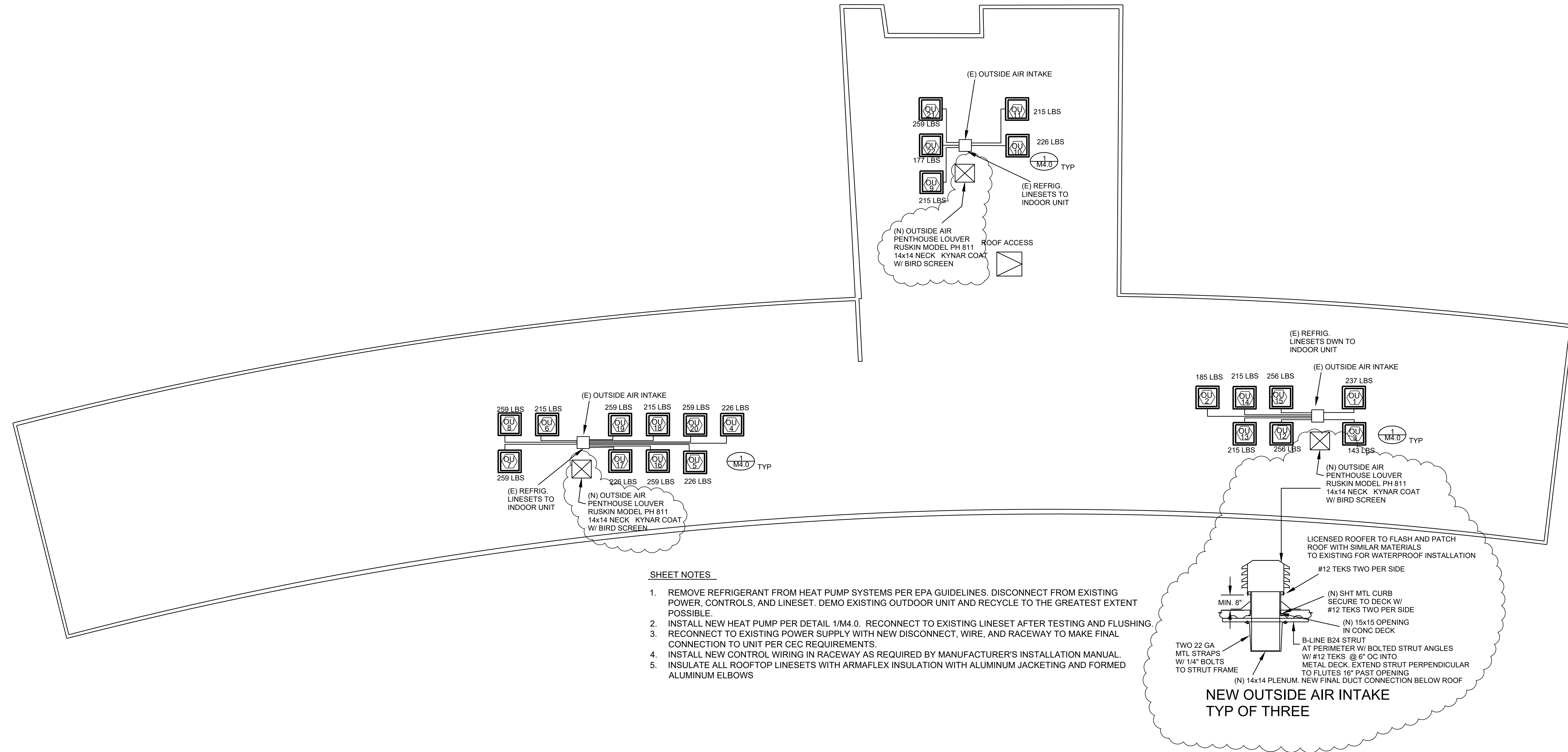
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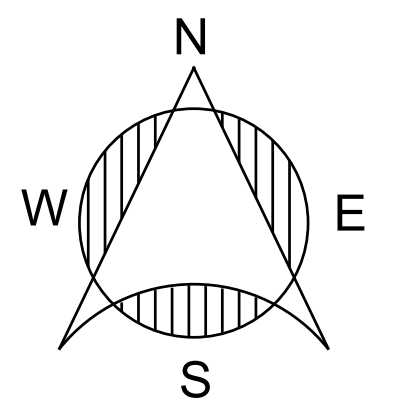
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**SHEET NOTES**

1. REMOVE REFRIGERANT FROM HEAT PUMP SYSTEMS PER EPA GUIDELINES. DISCONNECT FROM EXISTING POWER, CONTROLS, AND LINESET. DEMO EXISTING OUTDOOR UNIT AND RECYCLE TO THE GREATEST EXTENT POSSIBLE.
2. INSTALL NEW HEAT PUMP PER DETAIL 1/M4.0. RECONNECT TO EXISTING LINESET AFTER TESTING AND FLUSHING.
3. RECONNECT TO EXISTING POWER SUPPLY WITH NEW DISCONNECT, WIRE, AND RACEWAY TO MAKE FINAL CONNECTION TO UNIT PER CEC REQUIREMENTS.
4. INSTALL NEW CONTROL WIRING IN RACEWAY AS REQUIRED BY MANUFACTURER'S INSTALLATION MANUAL.
5. INSULATE ALL ROOFTOP LINESETS WITH ARMAFLEX INSULATION WITH ALUMINUM JACKETING AND FORMED ALUMINUM ELBOWS

**1**  
 M3.0 BUILDING A-ROOF MECHANICAL PLANS  
 SCALE: 1/8"=1'



Sheet Content  
**BUILDING A**  
**ROOF**  
**MECHANICAL**  
**PLAN**

Date: 8-20-24  
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**M3.0**  
 of Sheets