

BID/ RFP ADDENDUM

DATE: 06/23/2025

BID/RFP No: 2025-07

BID/ RFP TITLE: Admin Multi-Zone HVAC Replacement

MERCED COMMUNITY COLLEGE DISTRICT

Chuck Hergenraeder, Dir. Of Purchasing & Risk Mgr.

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Email: [purchasingbids@mccd.edu](mailto:purchasingbids@mccd.edu)

## ADDENDUM 1

This addendum contains clarification and additional information, which modifies the conditions of the above referenced BID/RFQ as follows:

1. Please note that the **BID DUE DATE** has been extended. All proposals are now due **Thursday, June 26, 2025 at 2:00p.m.**

2. Refer to Mechanical Sheet G001, Temporary Facilities, and Special Conditions Note B. Is it a requirement of the project to provide temporary HVAC equipment to heat and cool the building during construction?

**Response:** No, the contractor is not required to provide temporary HVAC equipment to heat and cool the building during construction. The district is responsible for providing temporary HVAC equipment to heat and cool the building during construction.

3. Are grooved couplings, fittings, and pipes acceptable for above-grade chilled water and heating hot water supply return piping systems?

**Response:** Grooved couplings are only acceptable for above-grade chilled water, they are not acceptable for heating hot water supply and return piping systems.

4. Please provide a coil connection detail for the chilled and hot water piping.

**Response:** Refer to attachment AD01-03.

5. Note B sheet G001 states contractor will be responsible for installation and configuration of temp HVAC equipment at all affected spaces. Is the intent to provide a temp unit capable of producing 12595 CFM of cooling and heating or individual MovinCools per affected space? Is there an existing power source to support either option or a temp generator will be needed?

**Response:** No, the contractor is not required to provide temporary HVAC equipment to heat and cool the building during construction. The district is responsible for providing temporary HVAC equipment to heat and cool the building during construction.

All other bidding contract and construction drawing documents, stipulations, dated and times remain unchanged, in full effect and by reference become a part of this addendum.

6. Note H on sheet M500 states contractor to clean all new and existing ductwork at completion of new ductwork. Is this just what can be reached from the penthouse level or all ducts being served by AHU-A1?

**Response:** Cleaning of all new and existing ductwork is not required at completion of new ductwork, due to existing ductwork being recently cleaned.

7. Is there a preferred roofing contractor that currently owns the roof warranty?

**Response:** Yes, WTI is the preferred company that has a 20-year warranty

8. On sheet M500 in the electrical notes it calls out to intercept the nearest SLC device to tie in (2) new addressable fire alarm relays. Please provide the location of the nearest addressable fire alarm device in relation to the air handler penthouse.

**Response:** The nearest location to tie into the existing fire alarm system is either at the existing fire alarm control panel near the stairs or the smoke detector above the FACP. They are both about the same distance away from the air handler penthouse. Field verifying which one will be easiest to tie into. Refer to AD01-07.

9. On sheet M001 in the Air Handler Schedule, note 1, it calls to install Duct Detector test switches. Please verify the locations in which the Duct Detector test switches are to be installed.

**Response:** Install within hot deck and cold deck of AHU as shown on plan.

10. During the pre-bid conference and site walk conducted on Thursday, June 5, 2025, at the college, it was noted that the existing Metasys NCE (Network Control Engine), located in the mechanical room serving the Multi-Zone Air Handler, is an earlier-generation model operating on a legacy Microsoftbased operating system. This version of the NCE is no longer fully supported with regular security updates or patched from Microsoft, introducing a potential cybersecurity vulnerability to the district's network. Please confirm whether the existing NCE should be upgraded to the current generation of Metasys Network Control Engine, to ensure ongoing compatibility with IT security standards and mitigate risk associated with outdated firmware and unsupported operating systems.

**Response:** Contractor shall include hardware, software, and programming necessary to upgrade the NCE.

11. Is On sheet M800, Details 16 and 17 show the pipe supports hanging from Unistrut anchored into concrete over metal deck. In the crawlspace, would it be acceptable to hang the pipe supports from the open web truss structure instead?

**Response:** No. Provide per plan.

12. New wire is to be installed from panel A to the new HVAC equipment. The location of panel A is not shown on the existing drawings. Please define the distance, location, and, if possible, the brand of Panel A.

**Response:** Per the mandatory job walk, the panel location was pointed out within the mechanical room on the north wall.

13. Please confirm whether control valves and actuators are required on the 3" Chilled Water Return and 3" Hot Water Return piping serving the new air handler. The drawings do not appear to show control valves or indicate their locations. Additionally, please advise whether 2-way or 3-way valves should be provided, if required?

**Response:** Provide 3-way valves. See AD01-03.

14. The outside air duct looks to be sized much larger than the opening on the air handler. Please clarify the discrepancy.

**Response:** The duct size is correct. The air handler outside air opening shall be sized for being able to provide 100% outside air for economizing.

15. The specs call for 3" wall thickness on the air handler, but the unit looks like it may have 2" wall thickness.?

**Response:** 2" wall thickness is preferred for weight.

16. Static pressure of the air handler is not listed, please provide.

**Response:** External static shall be 2" wg.

17. On sheet M500, in the electrical notes it calls out to provide compatible addressable Fire Alarm relays to install with the duct detectors. Please verify the Fire Alarm system manufacturer utilized in the Administration building.

**Response:** Fire Alarm system manufacturer is Siemens.

**ATTACHMENTS:**

AD01-03: Merced College Coil Connection Detail

AD01-07: Existing FACP/SD Location

**SPECIAL NOTE:**

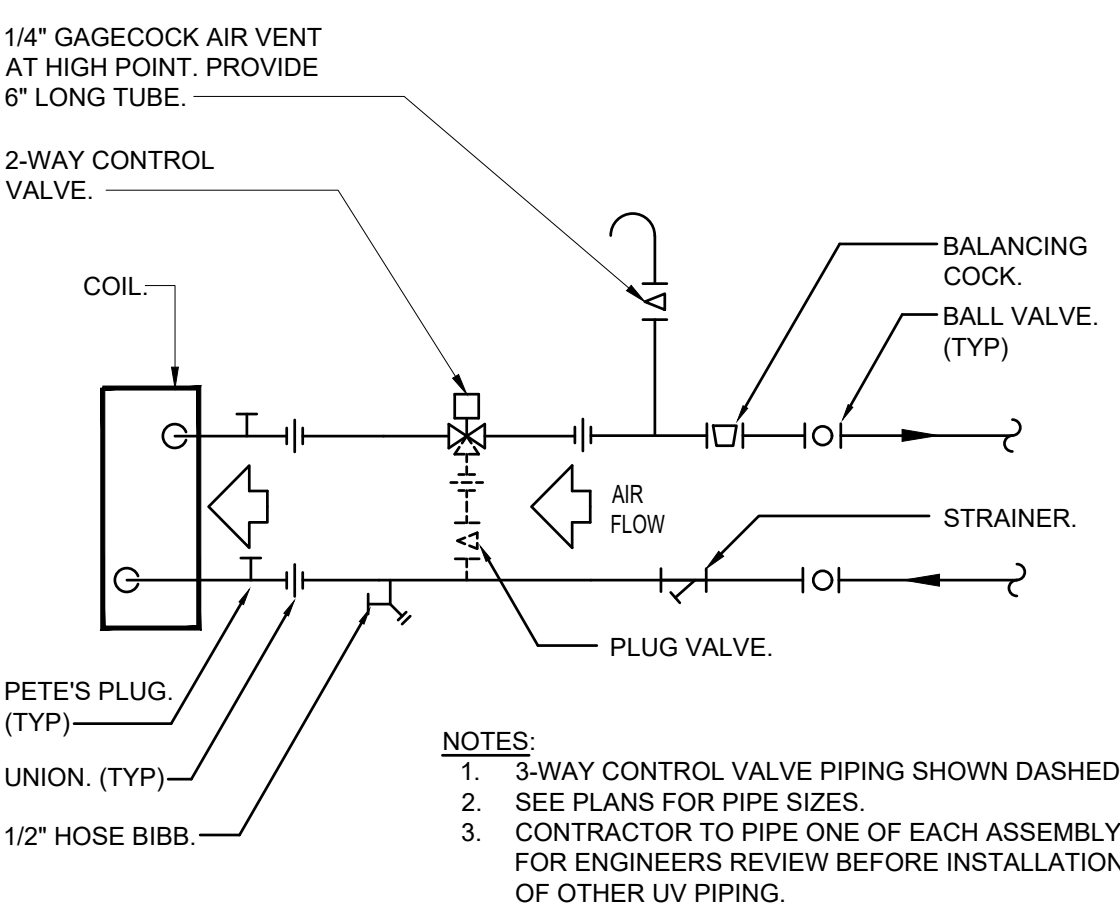
**It is the responsibility of each Bidder to acknowledge all addenda by signing below and submitting a copy of each addendum with their respective bid.**

I HAVE READ AND UNDERSTAND THESE MODIFICATIONS TO THE ABOVE BID:

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DRAWN BY: BENJAMIN EVANS

Item 01: AD01-03



3-WAY COIL CONNECTION      NTS      1



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REVISIONS:	MARK	DATE	DESCRIPTION

PROJECT NAME:

**MERCED COLLEGE  
ADMIN MULTI-ZONE REPLACEMENT**

3600 M ST., MERCED, CA 95348

PROJECT NO: 1478

DATE: 06/18/2025

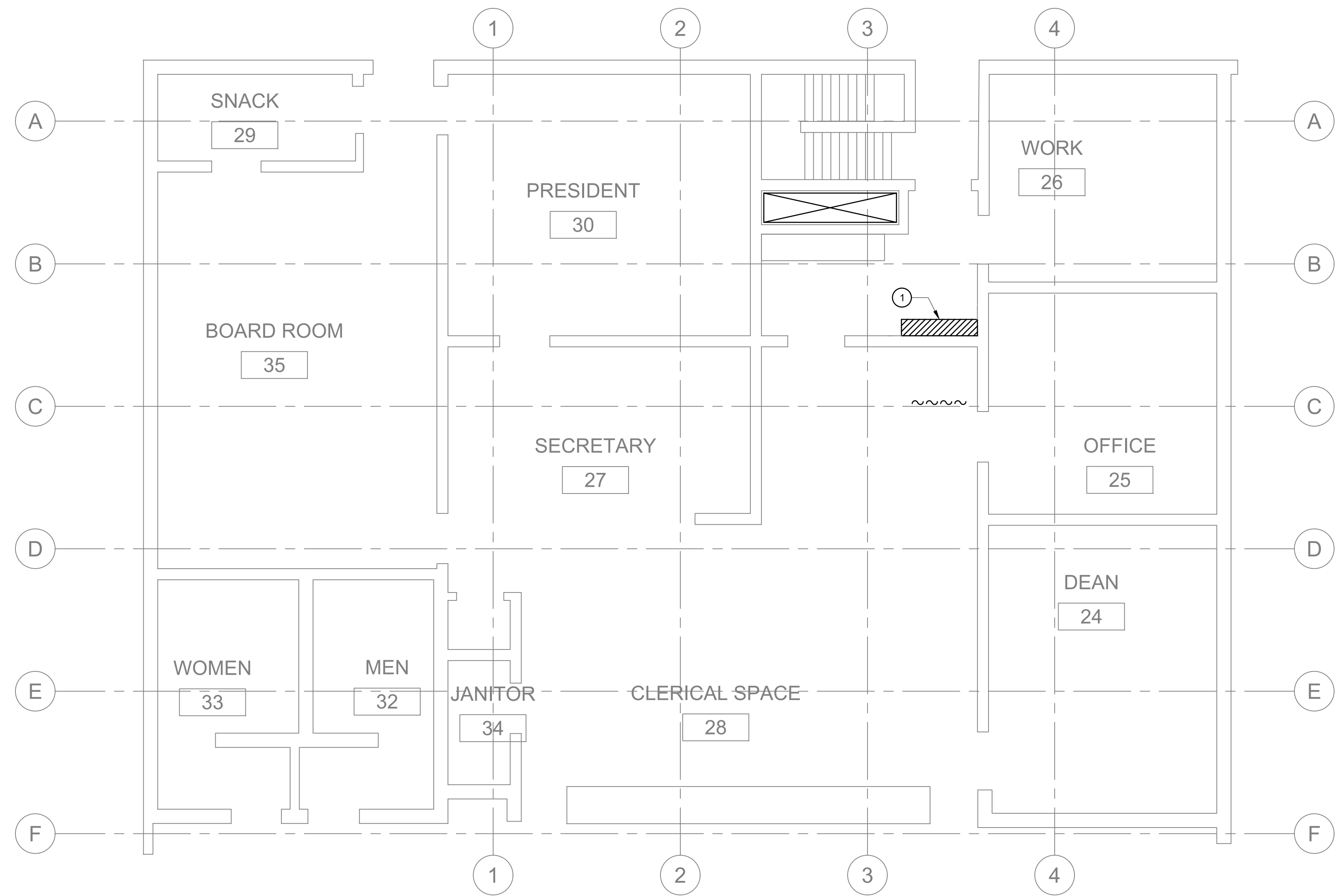
SHEET TITLE:

**MECHANICAL  
DETAILS**

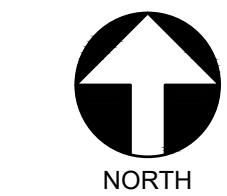
SHEET NO:

**AD01-03**

Item 02: AD01-07

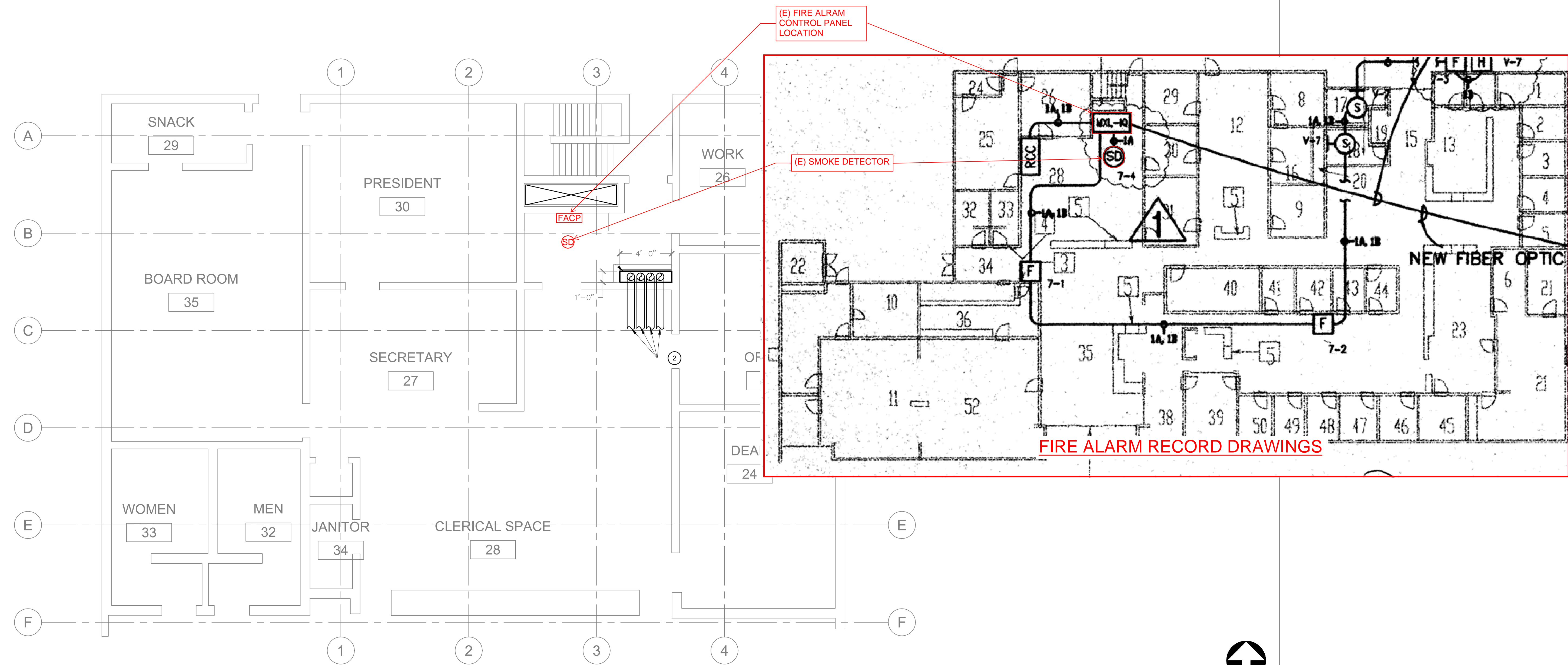


ENLARGED MECHANICAL DEMOLITION FLOOR PLAN - ADMINISTRATION BUILDING

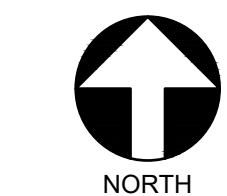


1/4" = 1'-0"

1



ENLARGED MECHANICAL PROPOSED FLOOR PLAN - ADMINISTRATION BUILDING

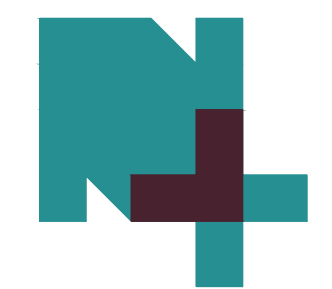


1/4" = 1'-0"

2

KEYNOTES #

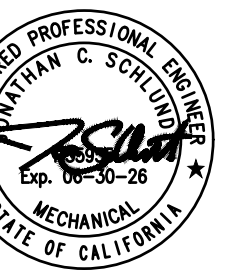
1. CONTRACTOR TO REMOVE (E) PORTION OF FLOOR, CEILING, & ROOF FOR (N) HYDRONIC PIPES. ALL CONCRETE CORES IN FLOOR AND ROOF STRUCTURE SHALL BE COORDINATED TO AVOID EXISTING REBAR. VERIFY VIA XRAY SCANNING. CONTRACTOR TO FIELD VERIFY DEMO EXTENT & ADJUST AS REQUIRED FOR THE INSTALLATION OF (N) 3" HWS/R & 3" CHWS/R PIPING
2. (N) 3" HWS/R & 3" CHWS/R PIPING FROM CRAWLSPACE UP THRU CEILING. SEE M100 SHEET FOR CONTINUATION.
3. CONTRACTOR SHALL MAINTAIN PIPE SPACING AT 1" MIN AND 3" MAX BETWEEN INSULATION, TO MINIMIZE CHASE DIMENSIONS.
4. CUT CEILING ACOUSTIC TILES AS REQUIRE FOR NEW PIPE RISERS. FIT TIGHT TO PIPE WITH 1/2" GAP MAX TO INSULATION. CONTRACTOR SHALL COORDINATE PIPE RISERS AS TO AVOID EXISTING T-BAR GRID.
5. (N) MECHANICAL CHASE FRAMING, GYP BOARD AND FINISHING BY DISTRICT, N.T.C.



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REVISIONS:

MARK DATE DESCRIPTION

MERCED COLLEGE  
ADMIN MULTI-ZONE REPLACEMENT

PROJECT NAME:

DATE: 03/26/2025

SHEET TITLE:  
ENLARGED  
MECHANICAL  
FLOOR PLAN -  
ADMINISTRATION  
BUILDING

SHEET NO:

M200

PROJECT NO: 1478

3600 N ST., MERCED, CA 95348