

ADDENDUM NO. 1

April 18, 2023

RE: Controls Upgrade Mayfield Woods MS (HCPSS Bid #096.23.B3)

**FROM: Purchasing Office
Howard County Public Schools
10910 Clarksville Pike
Ellicott City, MD 21042
(410) 313-6723
(410) 313-6789 fax**

TO: APPROVED PROSPECTIVE BIDDERS

This addendum forms a part of the Contract Documents and modifies the Original Bidding Documents as noted below. Acknowledge receipt of this Addendum in the space provided on the Form of Proposal. Failure to do so may subject the Bidder to disqualification. This Addendum consists of five (5) pages.

CHANGES TO THE RFP:

RFP Language on page 2:

This project is Federally funded and will require bidders to utilize Davis-Bacon Act prevailing wage to determine the total cost of the project in addition to (MBE) Minority Business Enterprise compliance and other associated state requirements.

REVISED RFP Language on page 2:

This project is Federally funded and will require bidders to utilize Davis-Bacon Act prevailing wage to determine the total cost of the project in addition to ~~(MBE) Minority Business Enterprise compliance and~~ other associated state requirements.

CHANGES TO THE DRAWINGS:

1. **Drawings M2.3:**
 - a. Identified location of ATC panel in Boiler Room.
2. **Drawing M2.7:**
 - a. In Part Plan 1, added Table / Notes.
 - b. In Sheet Note 1, deleted "Honeywell Spyder".

CHANGES TO THE SPECIFICATIONS:

1. **179000 – DEMONSTRATON AND TRAINING:**
 - a. Revised paragraph A.3.

END OF ADDENDUM NO. 1

017900 – DEMONSTRATION AND TRAINING

A. DEMONSTRATION

1. Upon completion of the work, the contractor shall demonstrate to the owner's satisfaction that all components of the work are connected, calibrated, and operating in accordance with the design sequence of operations in all modes of operation.
2. Confirm that all safeties are functioning properly on all HVAC units.
3. Demonstrate to the owner's satisfaction that all automatic temperature controls for the HVAC systems have been fully integrated into the existing JCI **Metasys, Honeywell Tridium, or Schneider Electric Ecostruxure** building automation system ~~in the school~~ and at the central maintenance office on Mendenhall Court.

B. TRAINING

1. Thoroughly instruct the owner's representatives for no less than four (4) hours in the proper operation, adjustment, and maintenance of all mechanical and electrical products, equipment, and systems.

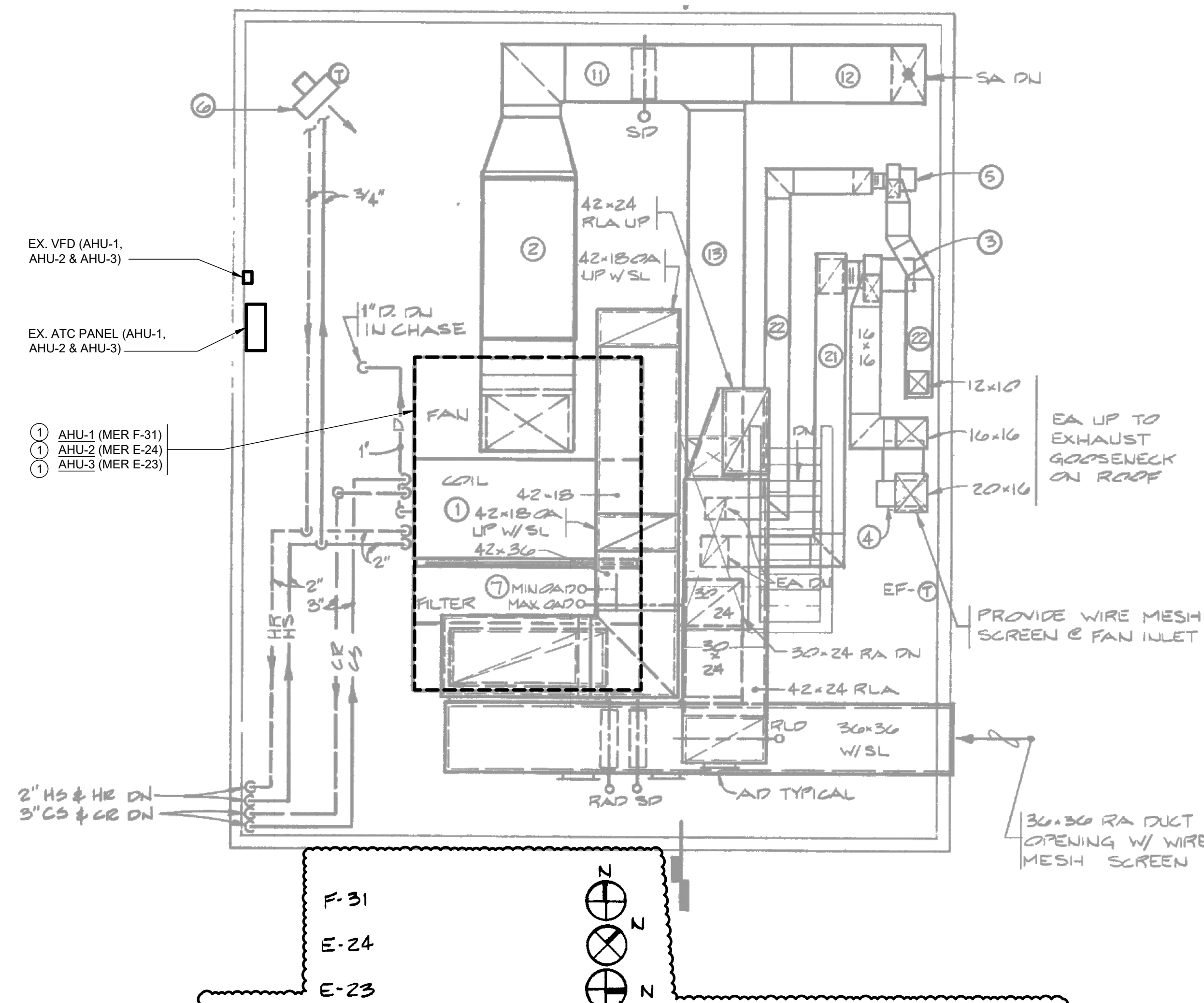
C. VIDEOTAPING

1. Demonstration and training sessions shall be professionally videotaped by the contractor. The recording shall be provided to the Owner on a compact disc as part of the closeout documents.
2. Describe scenes on the videotape by audio narration by microphone while videotape is being recorded. Include descriptions of items being viewed.

END OF SECTION 017900

ADDENDUM NO. 1	04/17/2023
100% CONSTRUCTION DOCUMENTS	03/17/2023
NO. DESCRIPTION	DATE

DRAWN BY	LOWE
CHECKED BY	LUCAS
PROJECT NO.	202303
SCALE	1/8"=1'-0"

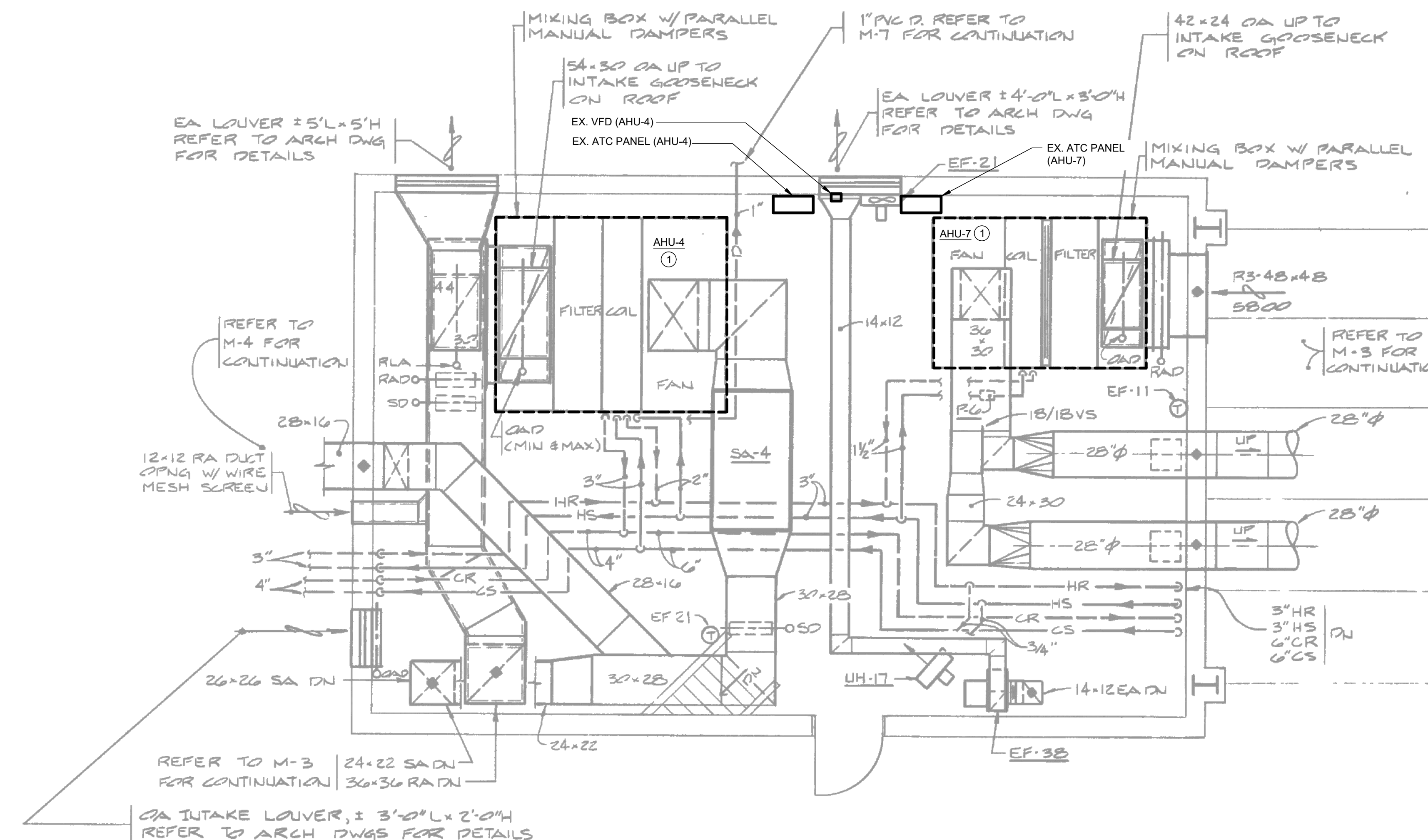


DETAILS A/B/D/E SHOWN ARE TYPICAL FOR MER E-23, E-24, AND F-31, EXCEPT FOR THE EQUIPMENT DESIGNATIONS & DUCT SIZES SCHEDULED AS FOLLOWS:

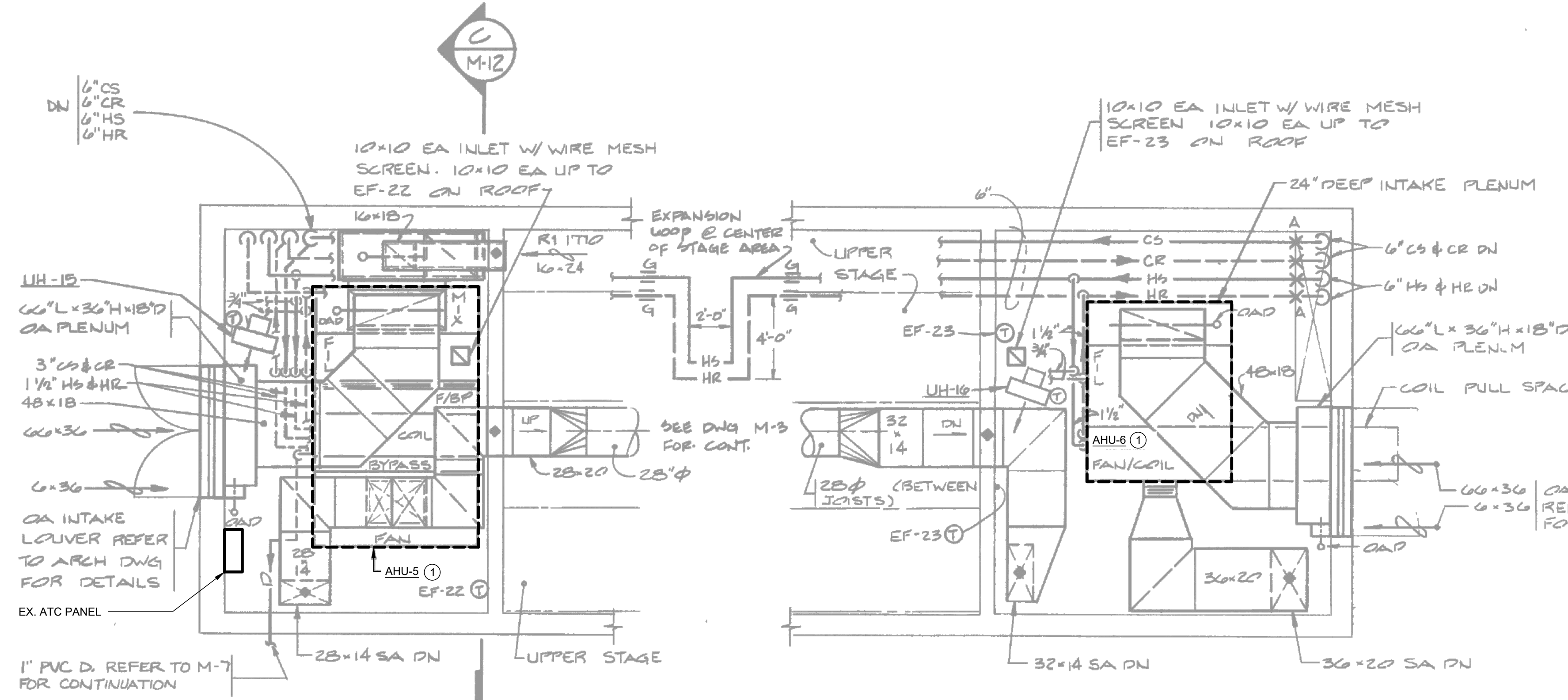
ITEM NO	EQUIPMENT DESIGNATION	SA DUCT SIZE	EA DUCT SIZE
1	ME ROOM:		
F-31	AHU-1 SA-1 EF-1 EF-26 N/A UH-12	10x36 30x24 30x16 24x22	18x12 N/A
E-24	AHU-2 SA-2 EF-2 EF-27 EF-4 UH-13	10x36 30x28 30x18 24x22	18x14 12x10
E-23	AHU-3 SA-3 EF-3 EF-28 N/A UH-14	8x36 30x28 28x16 28x24	18x12 N/A

REMARKS:
EQUIPMENT 7 = MINIMUM OUTSIDE AIR DAMPER AND VELOCITY PRESSURE STATION.

1 PART PLAN - MECH. MEZZANINE (E-23, E-24 & F-31)
SCALE: 1/4" = 1'-0"



2 PART PLAN - MECH. MEZZANINE C-53
SCALE: 1/4" = 1'-0"



3 PART PLAN - MECH. MEZZANINE C-54
SCALE: 1/4" = 1'-0"

4 PART PLAN - MECH. MEZZANINE C-55
SCALE: 1/4" = 1'-0"

SHEET NOTES

- REMOVE EXISTING PNEUMATIC DAMPER ACTUATORS AT AHU. REMOVE ALL PNEUMATIC TUBING BACK TO EXISTING ATC PANEL. PROVIDE DDC DAMPER ACTUATOR WHERE PNEUMATIC DAMPER ACTUATORS REMOVED. RE-BALANCE AIR AND WATER FLOWS TO ORIGINAL DESIGN VALUES INDICATED IN SCHEDULE ON DRAWING M3.1. CONFIRM/MODIFY SEQUENCE OF OPERATIONS IN ACCORDANCE WITH CONTROL DRAWINGS. PROVIDE UNITARY FACNET CONTROLLER, SENSORS AND CONTROL DEVICES. PROGRAM AND TEST ALL NEW CONTROLS. PROVIDE EQUIPMENT GRAPHICS ON EXISTING GRAPHICS USER INTERFACE. REFER TO CONTROL DRAWINGS FOR ADDITIONAL INFORMATION. ALL EXISTING PNEUMATIC CONTROLS AND ACTUATORS FOR ALL WATER VALVES, VAV TERMINAL UNITS, ROOF-MOUNTED EXHAUST FANS, UNIT VENTILATORS AND OTHER SMALL MISCELLANEOUS EQUIPMENT SHALL BE RE-USED.

DRAWING NOTES

(APPLIES TO ALL WORK SHOWN ON DRAWING)

- CONCEAL WIRING FOR ALL WALL-MOUNTED SENSORS WITHIN EXISTING WALLS - GYPSUM BOARD AND CMU. USE OF SURFACE METAL RACEWAY, WHITE IN COLOR, SHALL ONLY BE USED WHERE IT IS NOT POSSIBLE TO CONCEAL WIRING WITHIN EXISTING WALLS, AND SHALL REQUIRE ADVANCED WRITTEN APPROVAL BY HCPSS.

