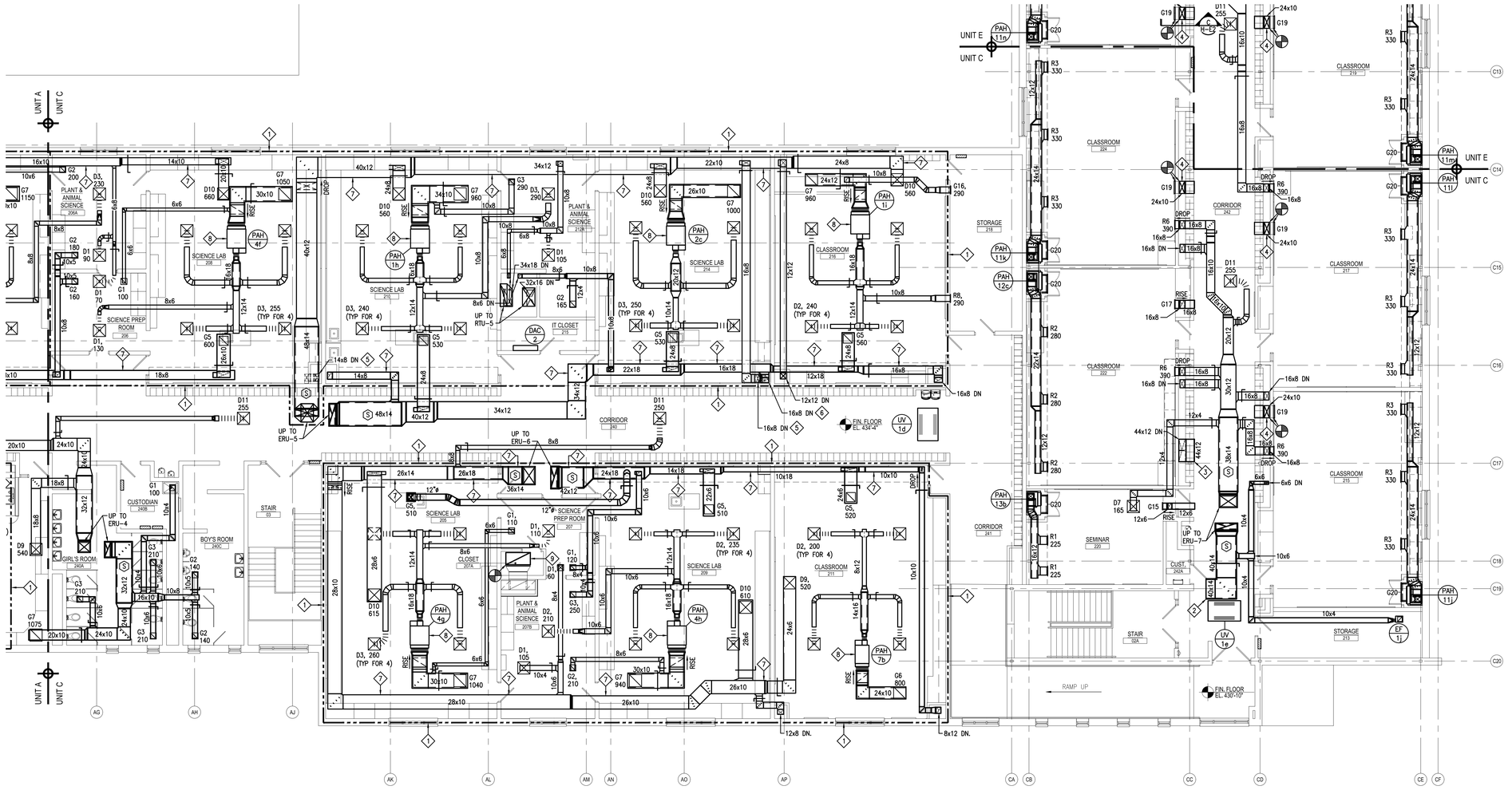


SECOND FLOOR PLAN - AREA C - HVAC

SCALE: 1/8" = 1'-0"

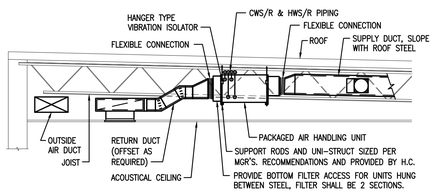
THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL ELECTRICAL PANEL LOCATIONS (INSIDE ELECTRICAL AND OUTSIDE ELECTRICAL ROOMS) WITH PIPING AND DUCTWORK LAYOUTS PRIOR TO PIPING AND DUCTWORK INSTALLATION. THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL N.E.C. (NATIONAL ELECTRIC CODE) CLEARANCES BEFORE INSTALLING ANY PIPING AND DUCTWORK. THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL COSTS RESULTING TO REWORKING (REMOVING AND REINSTALLING) PIPING AND DUCTWORK INSTALLED IN CONFLICT WITH ELECTRICAL PANELS/EQUIPMENT CLEARANCES.

DRAWING NOTES:

1. REFER TO DRAWING H-4 FOR HVAC GENERAL PROJECT NOTES.
2. PROVIDE REQUIRED SERVICE CLEARANCE FOR ALL HVAC UNITS AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.
3. THE HVAC CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED TO COMPLETE ALL INDICATED WORK.
4. THE HVAC CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION AND BACKFILLING NOT INDICATED TO BE PROVIDED BY THE GENERAL CONTRACTOR ELSEWHERE IN THE DOCUMENTS THAT IS REQUIRED TO COMPLETE ALL INDICATED HVAC WORK.
5. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF HVAC CEILING OUTLETS AND OTHER CEILING MOUNTED DEVICES. ANY CEILING REMOVAL REQUIRED FOR WORK TO BE COMPLETED UNDER THIS CONTRACT, THAT IS NOT INDICATED ON THE ARCHITECTURAL PLANS, SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR. CEILINGS REMOVED BY THIS CONTRACTOR SHALL BE REPLACE AND/OR REPAIRED BY HIM, AS PER SPECIFICATIONS.
6. REFER TO DRAWING H-C2, SECTIONS 'D' AND 'E' FOR REQUIRED PACKAGE AIR HANDLING UNIT INSTALLATION DETAILS. THESE DETAILS APPLY TO ALL SECOND FLOOR PACKAGED AIR HANDLERS.

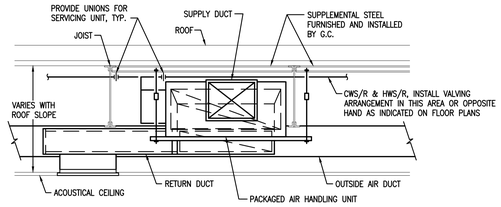
KEYED DRAWING NOTES:

1. INSTALL DUCTWORK THROUGHOUT THIS AREA OF THE BUILDING UP IN BETWEEN EXISTING BAR JOIST AND THROUGH JOIST WEBBING, UNLESS OTHERWISE NOTED.
2. PROVIDE 1" x 1" STAINLESS STEEL SCREEN OVER END OF DUCT OPENING AND SECURE IN PLACE ON ALL SIDES.
3. REFER TO SECTION 'B' SHOWN ON DWG. H-E2 FOR REQUIRED DUCTWORK MODIFICATIONS.
4. REFER TO SECTION 'C' SHOWN ON DWG. H-E2 FOR REQUIRED DUCTWORK MODIFICATIONS.
5. OFFSET DUCT DROP WITHIN CHASE AS REQUIRE TO CLEAR STRUCTURAL STEEL ON FLOOR BELOW.
6. OFFSET AND ROTATE DUCT DROP 90º WITHIN DUCT CHASE AS REQUIRED TO CLEAR STRUCTURAL STEEL BELOW.
7. INSTALL DUCT MAIN AS HIGH AS POSSIBLE, JUST BELOW BOTTOM CORD OF STRUCTURAL STEEL.
8. REFER TO SECTIONS 'D' AND 'E' SHOWN ON DRAWING H-C2 FOR TYPICAL PACKAGED AIR HANDLING UNIT, DUCTWORK AND PIPING INSTALLATION REQUIREMENTS.
9. EXTEND EXISTING DUCT UP TO RV-6.



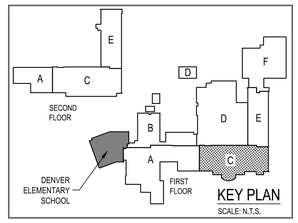
SECTION D

SCALE: 1/4" = 1'-0"



SECTION E

SCALE: 1/2" = 1'-0"



KEY PLAN

SCALE: N.T.S.

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COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL
ADAM NICHOLAS MOSER
ENGINEER
No. PE074301
EXPIRES JUNE 30, 2025

AEM ARCHITECTS INC
3700 PERKIOMEN AVENUE, READING, PA 19606-2795
Phone: 610.779.3220 Fax: 610.779.9022
www.aem-arch.com

SECOND FLOOR PLAN - AREA C - HVAC

RENOVATIONS TO THE COCALICO MIDDLE SCHOOL
COCALICO SCHOOL DISTRICT
SOUTH 4TH STREET, DENVER BOROUGH, LANCASTER COUNTY PA

ALL DIMENSIONS and EXISTING CONDITIONS shall be CHECKED and VERIFIED by the CONTRACTOR at the SITE.

JOB NO.: 23001.00
DRAWN BY: RLC
DATE: 04.12.24

H-C2