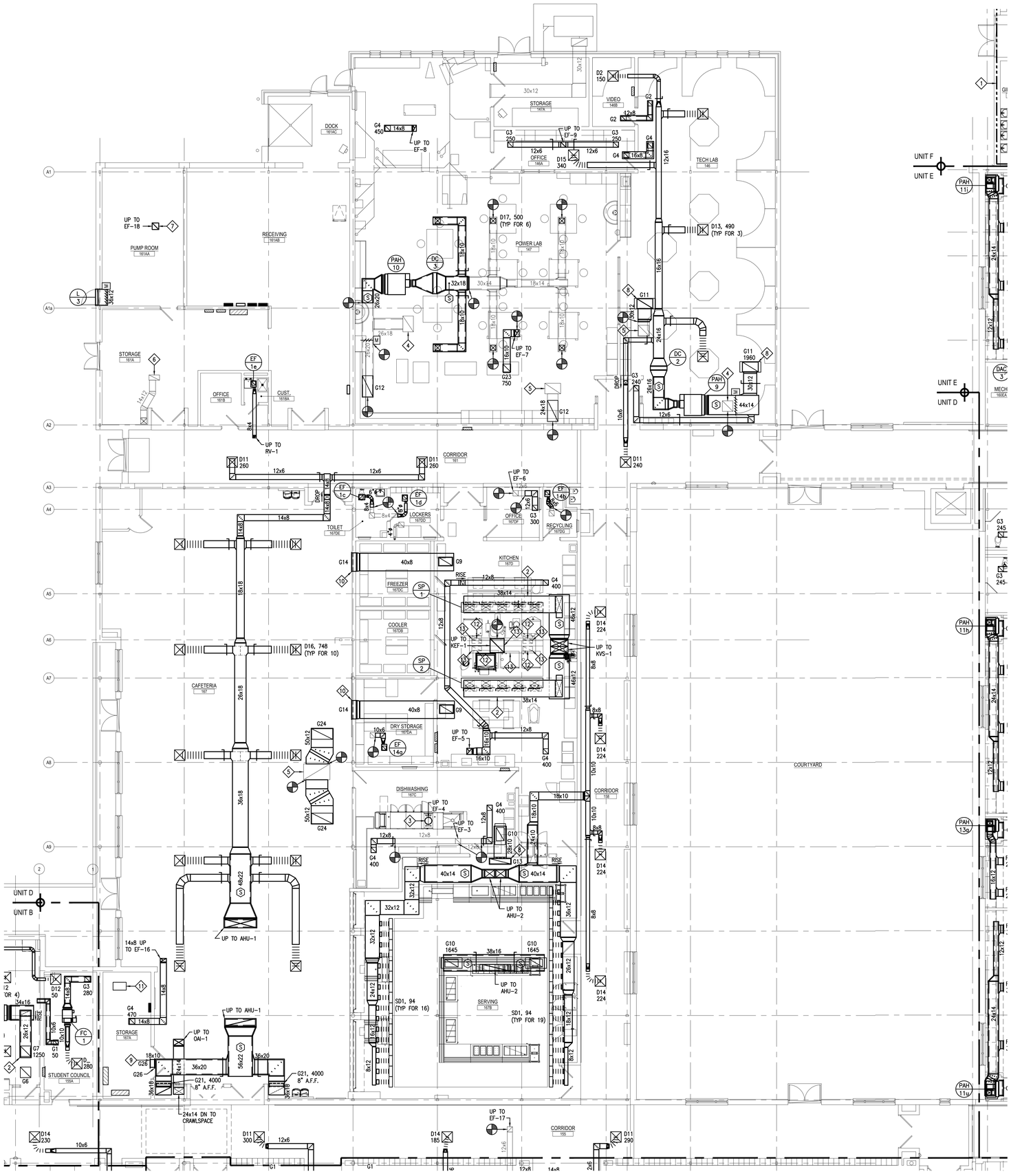


FIRST FLOOR PLAN - AREA D - HVAC

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

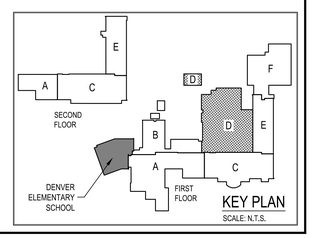
THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL ELECTRICAL PANEL LOCATIONS (INSIDE ELECTRICAL AND OUTSIDE ELECTRICAL ROOMS) WITH PIPING AND DUCTWORK LAYOUTS PRIOR TO PIPING AND DUCTWORK INSTALLATION. THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL N.E.C. (NATIONAL ELECTRIC CODE) 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.

KEYED DRAWING NOTES:

1. PROVIDE 1" x 1" STAINLESS STEEL SCREEN OVER DUCT OPENING AND SECURE IN PLACE.
2. INSTALL DUCTWORK UP IN BETWEEN EXISTING STRUCTURAL STEEL.
3. 16"ø DISHWASHER EXHAUST DUCT UP FROM DISHWASHER EXHAUST OUTLET, RISE UP AND EXTEND THRU ROOF TO EF-4. REFER TO SPECIFICATIONS FOR REQUIRED MATERIALS.
4. UP TO EXISTING OUTSIDE AIR INTAKE, REPLACE EXISTING MOTOR OPERATED DAMPER AND ALL ASSOCIATED CONTROLS.
5. UP TO EXISTING RELIEF VENT, REPLACE EXISTING MOTOR OPERATED DAMPER AND ALL ASSOCIATED CONTROLS.
6. UP TO EXISTING RELIEF VENT, REPLACE EXISTING MOTOR OPERATED DAMPER AND ALL ASSOCIATED CONTROLS. INTERLOCK DAMPER TO OPEN FULLY WHEN EF-11 ENERGIZES, WHEN FAN DE-ENERGIZES DAMPER SHALL FULLY CLOSE.
7. EXTEND FULL SIZE DUCT DROP (EQUAL TO FAN INLET SIZE) DOWN FROM EXHAUST FAN TO 1'-4" BELOW ROOF DECK, PROVIDE 1/2" x 1/2" STAINLESS STEEL SCREEN OVER DUCT OPENING AND SECURE IN PLACE.
8. PROVIDE A 18" HIGH, FULL SIZE SHEET METAL PLENUM ON REAR OF GRILLE.
9. INSTALL BOTTOM OF TRANSFER AIR GRILLE 1'-0" ABOVE TOP OF DOOR FRAME.
10. INSTALL TRANSFER AIR GRILLE 1" BELOW BOTTOM OF LOWER WIDE FLANGE BEAM.
11. MODIFY LENGTH OF EXISTING UNI-STRUCT LADDER DOWN TO CRAWLSPACE SO FLOOR HATCH CAN BE PROPERLY CLOSED, PROVIDE 1/4" THICK STEEL PLATES IN A SIZE THAT'S APPROPRIATED TO PERMANENTLY SECURED LADDER TO THEM, WELD LADDER MOUNTING PLATES TO EXISTING UNDER FLOOR STRUCTURE AS REQUIRED.
12. PROVIDE HEAT SENSOR IN EXHAUST DUCT COLLAR AND INTERLOCK WITH KITCHEN VENTILATION SYSTEM CONTROL PANEL.
13. INSULATE EXISTING KITCHEN EXHAUST DUCTWORK IN ITS ENTIRETY USING FIRE-RATED INSULATION SYSTEM, REFER TO SPECIFICATIONS FOR MATERIAL AND INSTALLATION REQUIREMENTS.



KEY PLAN

SCALE: N.T.S.

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FIRST FLOOR PLAN - AREA D - 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-D1