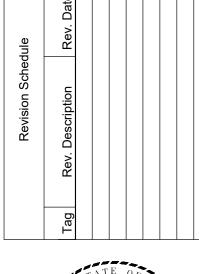
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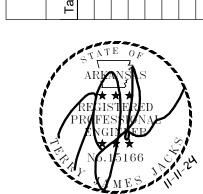
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GENERAL SPECIFICATION ITEMS

- ALL SUPPLY AND RETURN DUCTWORK TO MEET CURRENT SMACNA STANDARDS AND WILL BE INSULATED WITH 2" THICK, 1 PCF DENSITY FIBERGLASS DUCTWRAP UNLESS OTHERWISE NOTED. INTERNALLY INSULATED RETURN DUCTWORK SHALL BE LINED WITH 1" THICK, 1.5 PCF DENSITY FIBERGLASS LINER.
- THE NEW BUILDING AUTOMATION SYSTEM (BAS) CONTROLS SYSTEM SHALL BE ALL NEW INSTALLATION. REFER TO FLOOR PLANS FOR BAS CONTROL PANEL LOCATIONS, FIELD COORDINATE FINAL INSTALLATION REQUIREMENTS WITH G.C.
- PIPING AND EQUIPMENT SUPPORTS TO BE IN COMPLIANCE WITH INTERNATIONAL BUILDING CODE CATEGORY "D" REQUIREMENTS.
- 4. CONTRACTOR SHALL BALANCE ALL SUPPLY, RETURN, AND EXHAUST SYSTEMS.

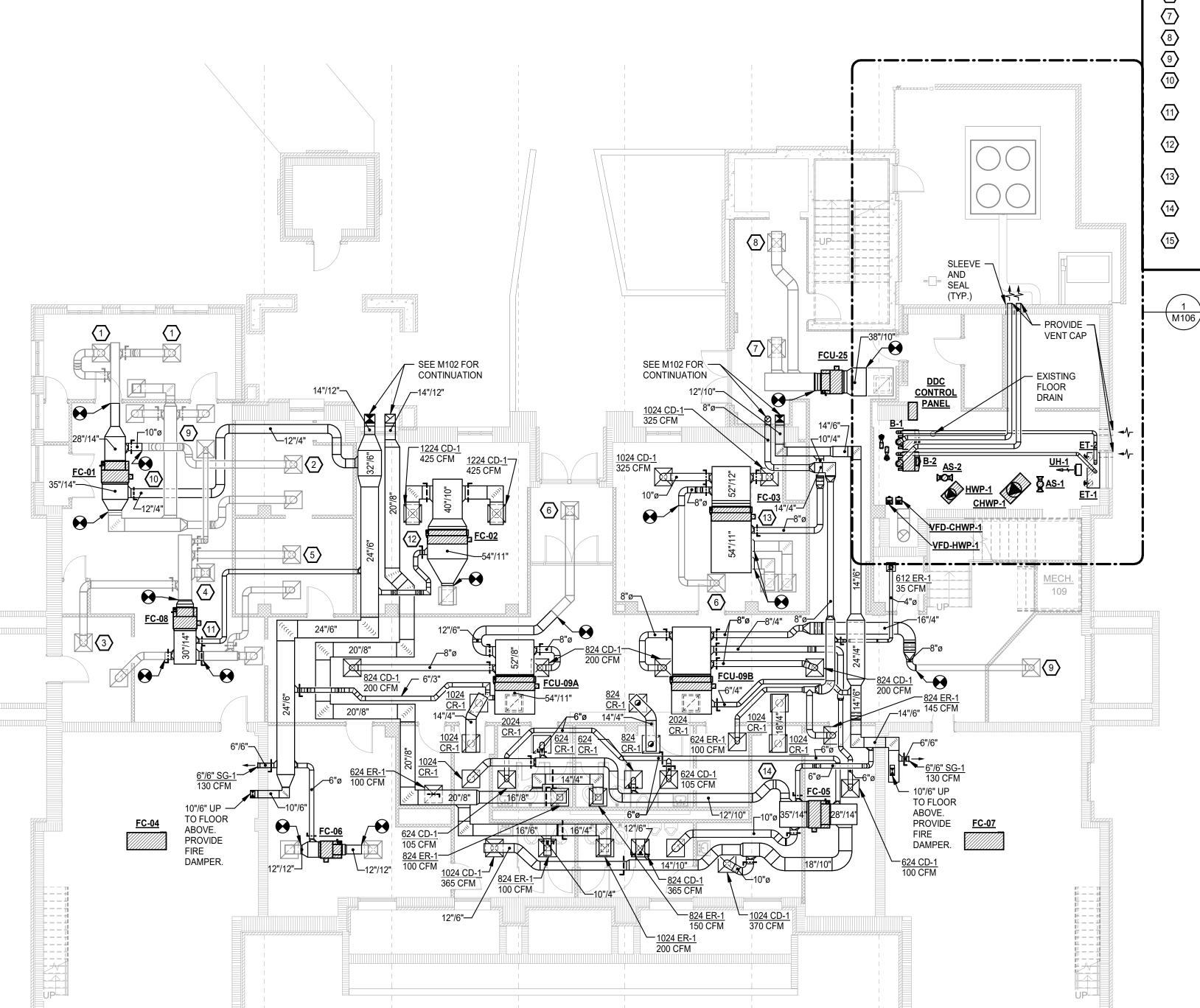
ALL LIGHTER SOLID LINES REPRESENT PIPING, DUCTWORK, EQUIPMENT, ETC. TO

HVAC GENERAL NOTES

- ALL DARKER SOLID LINES REPRESENT NEW PIPING, DUCTWORK, EQUIPMENT, ETC.
- FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING ITEMS SHOWN ON THIS PLAN THAT ARE TO BE CONNECTED TO.

HVAC KEYED NOTES

- EXISTING AIR DEVICE TO REMAIN. SET AIRFLOW RATE TO 425 CFM.
- EXISTING AIR DEVICE TO REMAIN. SET AIRFLOW RATE TO 475 CFM.
- EXISTING AIR DEVICE TO REMAIN. SET AIRFLOW RATE TO 320 CFM.
- EXISTING AIR DEVICE TO REMAIN. SET AIRFLOW RATE TO 300 CFM.
- EXISTING AIR DEVICE TO REMAIN. SET AIRFLOW RATE TO 160 CFM. EXISTING AIR DEVICE TO REMAIN. SET AIRFLOW RATE TO 200 CFM.
- EXISTING AIR DEVICE TO REMAIN. SET AIRFLOW RATE TO 435 CFM.
- EXISTING AIR DEVICE TO REMAIN. SET AIRFLOW RATE TO 440 CFM. EXISTING AIR DEVICE TO REMAIN. SET AIRFLOW RATE TO 100 CFM.
- SET OSA AIRFLOW RATE TO 110 CFM. PROVIDE AUTOMATIC BALANCING DAMPER EQUAL TO GREENHECK ABD.
- SET OSA AIRFLOW RATE TO 65 CFM. PROVIDE AUTOMATIC BALANCING DAMPER EQUAL TO GREENHECK ABD.
- SET OSA AIRFLOW RATE TO 40 CFM. PROVIDE AUTOMATIC BALANCING DAMPER EQUAL TO GREENHECK ABD.
- SET OSA AIRFLOW RATE TO 155 CFM. PROVIDE AUTOMATIC BALANCING DAMPER EQUAL TO GREENHECK ABD.
- SET OSA AIRFLOW RATE TO 55 CFM. PROVIDE AUTOMATIC BALANCING DAMPER EQUAL TO GREENHECK ABD.
- SET OSA AIRFLOW RATE TO 25 CFM. PROVIDE AUTOMATIC BALANCING DAMPER EQUAL TO GREENHECK ABD.



FIRST FLOOR PLAN - HVAC
SCALE: 1/8" = 1'-0"

PETTIT & PETTIT CONSULTING ENGINEERS, INC.
No. 78

Date: November 11, 2024