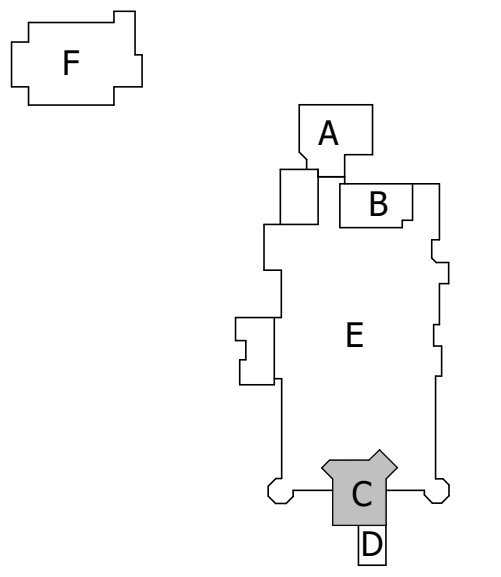


NOTE: THESE DOCUMENTS ARE NOT THE CONTRACT DOCUMENTS. THIS SET IS ISSUED SOLELY FOR THE CONVENIENCE OF THE CONSTRUCTION MANAGER. IT IS A COMPILATION OF THE BID DOCUMENTS AND PUBLISHED ADDENDUM. THESE DOCUMENTS DO NOT SUPERSEDE OR ALTER THE REQUIREMENTS OF THE CONTRACT DRAWINGS. THE COMPLETENESS AND/OR ACCURACY OF THE COMPILED INFORMATION IS NOT GUARANTEED AND THE DESIGNER ACCEPTS NO ADDITIONAL LIABILITIES BASED ON THEIR USE BY THE OWNER, CONSTRUCTION MANAGER, SUBCONTRACTORS, MATERIAL SUPPLIERS, OR OTHERS.

ISSUE DATE	
DATE	DESCRIPTION
NOVEMBER 5, 2018	PHASE 2: CONFORMED

REVISIONS	
DATE	DESCRIPTION

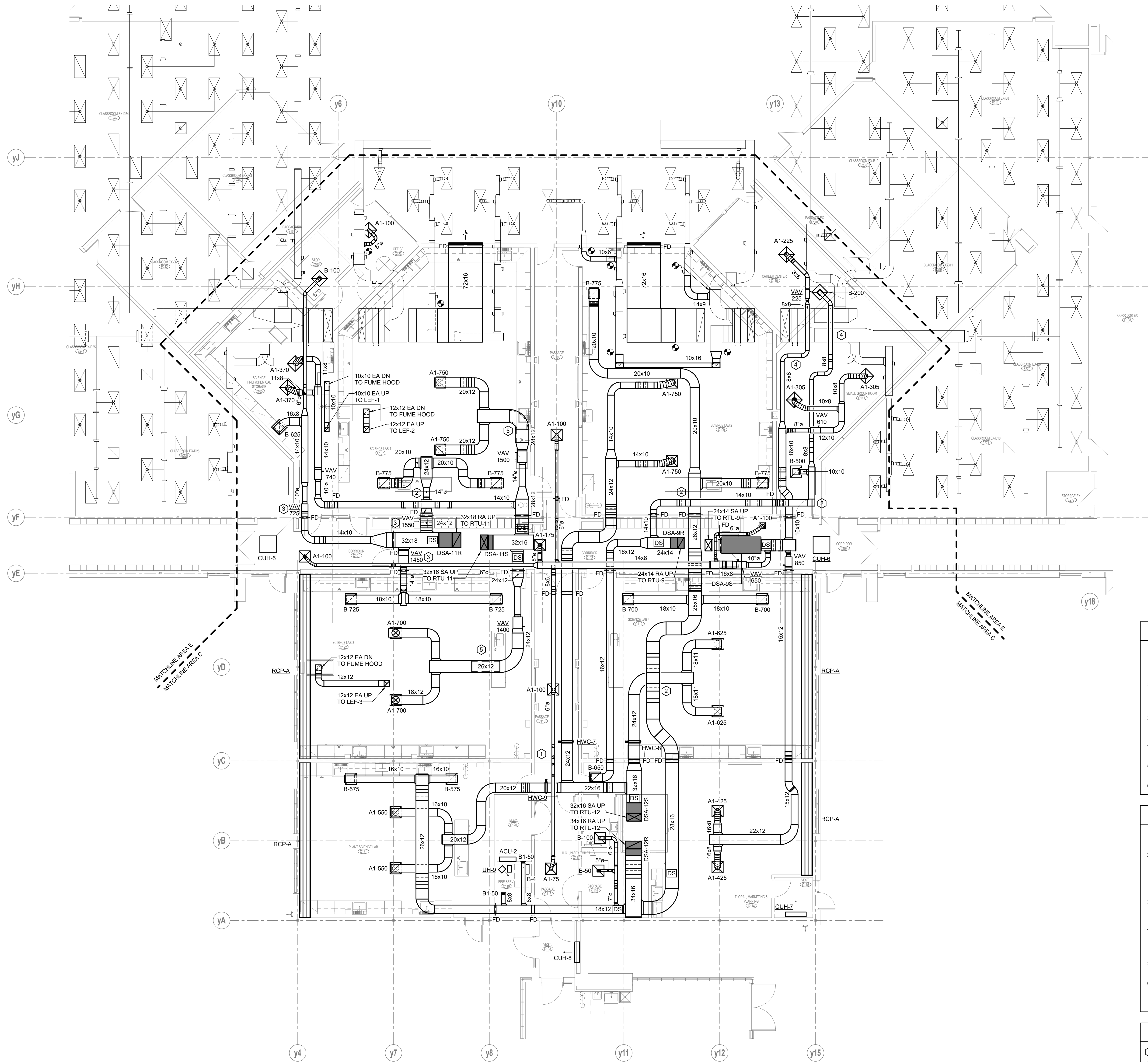


**NEW**  
**AGRISCIENCE**  
**STEM ACADEMY**  
**ADDITIONS & ASSOCIATED**  
**RENOVATIONS**  
**SHEPAUG VALLEY SCHOOL**  
159 SOUTH STREET  
WASHINGTON, CT 06794  
SCIENCE SPN: 212-0025 A/EC  
VO-AG SPN: 212-0026 VA/N

PROJECT NO.: 15073.00 DRAWN BY: PA

**MECHANICAL**  
**DUCTWORK**  
**MAIN LEVEL FLOOR**  
**PLAN AREA C**

DRAWING NO.:  
**M1.03**



**1** MAIN LEVEL - AREA C  
1/8" = 1'-0"

- HVAC GENERAL NOTES**
- ALL DUCTWORK AND PIPING CROSSING SEISMIC JOINTS SHALL ACCOMMODATE DIFFERENTIAL MOTION. REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR LOCATIONS.
  - PROVIDE VOLUME DAMPERS ON ALL SUPPLY, EXHAUST, AND RETURN BRANCH DUCTS. LOCATED AS FAR AS POSSIBLE FROM THE AIR INLET OR OUTLET, INCLUDING ALL INDIVIDUAL BRANCHES TO REGISTERS, GRILLES, AND DIFFUSERS.
  - COORDINATE AND VERIFY LOCATIONS OF ALL ITEMS REQUIRING ACCESS WITH ARCHITECT IN FIELD, INCLUDING VALVES, VOLUME DAMPERS, FIRE DAMPERS, ETC.
  - ALL THERMOSTATS LOCATED ON OUTSIDE WALL SHALL HAVE INSULATED PAD BEHIND.
  - ALL MOTORIZED DAMPERS SHALL BE WIRED BY ATC CONTRACTOR. COORDINATE VOLTAGE REQUIREMENTS.
  - REFER TO PIPING DRAWINGS FOR THERMOSTAT LOCATIONS.

- ACOUSTICAL REQUIREMENT NOTES**
- ALL INTERNAL LINERS & INSULATION SHALL BE NON-POROUS SEALED TYPE.
  - PROVIDE MIN. 25'-0" OF 1" INTERNAL ACOUSTICAL DUCT LINER UPSTREAM AND DOWNSTREAM OF EACH AIR HANDLING UNIT AND FAN UNLESS FAN HAS A DEDICATED SILENCER. PROVIDE INTERNAL ACOUSTICAL DUCT LINER AND 18 GAUGE DUCTWORK BETWEEN AIR HANDLING UNIT OR FAN TO SILENCER WHEN A SILENCER IS PROVIDED.
  - PROVIDE MIN. 10'-0" OF 1" INTERNAL ACOUSTICAL LINER DOWNSTREAM OF EACH VAV BOX LOCATED OVER CLASSROOMS AND LEARNING AREAS.
  - ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS AND GRILLES LOCATED OVER CLASSROOMS AND LEARNING AREAS THAT ARE HARD DUCT CONNECTED SHALL HAVE MIN. 5'-0" OF 1" INTERNAL INSULATION.
  - ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS AND GRILLS SHALL BE SELECTED AT 20 NC OR LOWER.
  - PER ACOUSTICAL CONSULTANT REQUIREMENTS, PROVIDE DUCT SILENCERS ON ALL VAV BOXES IN ADDITION TO 10'-0" OF 1" ACOUSTICAL LINER, INCLUDING UPSTREAM OF ALL EXHAUST VAV BOXES.

- DRAWING NOTES**
- OFFSET UNDER BEAM AT COLUMN LINE yC.
  - ROUTE DUCTWORK THROUGH JOIST POCKET.
  - PROVIDE VAV WITHOUT HW COIL.
  - ROUTE 8"x8" DUCTWORK THROUGH THE EXISTING JOISTS.
  - FOR SCIENCE LAB 1 (C107) AND SCIENCE LAB 3 (C122), PROVIDE 1" INTERNAL DUCT LINER ON ALL SUPPLY DUCTWORK DOWNSTREAM OF THE VAVS.