

1 MAIN LEVEL - AREA F
1/8" = 1'-0"

HVAC GENERAL NOTES

1. ALL DUCTWORK AND PIPING CROSSING SEISMIC JOINTS SHALL ACCOMMODATE DIFFERENTIAL MOTION. REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR LOCATIONS.
2. ALL TOILETS & BATHROOMS SHALL HAVE 3/4" UNDERCUT DOORS.
3. ALL LOUVERS ARE SELECTED AND SCHEDULED BY ARCHITECT. LOUVER TAGS ARE SHOWN FOR COORDINATION ONLY.
4. ALL LOUVERS SHALL HAVE MINIMUM 50% FREE AREA
5. PROVIDE VOLUME DAMPERS ON ALL SUPPLY, EXHAUST, AND RETURN BRANCH DUCTS, INCLUDING ALL INDIVIDUAL BRANCHES TO REGISTERS, GRILLES, AND DIFFUSERS.
6. COORDINATE AND VERIFY LOCATIONS OF ALL ITEMS REQUIRING ACCESS WITH ARCHITECT IN FIELD, INCLUDING VALVES, VOLUME DAMPERS, FIRE DAMPERS, ETC.
7. ALL THERMOSTATS LOCATED ON OUTSIDE WALL SHALL HAVE INSULATED PAD BEHIND.
8. ALL MOTORIZED DAMPERS SHALL BE WIRED BY ATC CONTRACTOR, COORDINATE VOLTAGE REQUIREMENTS.

ACOUSTICAL REQUIREMENT NOTES

1. ALL INTERNAL LINERS & INSULATION SHALL BE NON-POROUS SEALED TYPE.
2. PROVIDE MIN. 25'-0" OF 1" INTERNAL ACOUSTICAL DUCT LINER AND 18 GAUGE DUCTWORK UPSTREAM AND DOWNSTREAM OF EACH AIR HANDLING UNIT AND FAN UNLESS FAN HAS A DEDICATED SILENCER. PROVIDE INTERNAL ACOUSTICAL DUCT LINER BETWEEN AIR HANDLING UNIT OR FAN TO SILENCER WHEN A SILENCER IS PROVIDED.
3. 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.
4. ALL SUPPLY, RETURN, AND EXHAUST DIFFUSERS AND GRILLES SHALL BE SELECTED AT 20 NC OR LOWER.

DRAWING NOTES

1. PROVIDE DRYER WALL CAP WITH BACK DRAFT DAMPER.
2. PROVIDE 4" TYPE B EXHAUST VENT UP THROUGH ROOF WITH TYPE B VENT CAP.



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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.

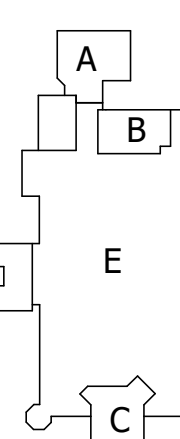
ISSUE DATE

DATE	DESCRIPTION
NOVEMBER 5, 2018	PHASE 2: CONFORMED

REVISIONS

DATE	DESCRIPTION
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KEY PLAN



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 F

DRAWING NO.: **M1.05**