

DEMOLITION NOTES - THIS SHEET ONLY

- ① REMOVE EXISTING ROOF MOUNTED EXHAUST FAN AND ASSOCIATED CONTROLS AND ACCESSORIES. PREPARE EXISTING ROOF CURB FOR INSTALLATION OF NEW EXHAUST FAN.
- ② REMOVE EXISTING WALL HEATER AND ACCESSORIES. PREPARE WALL FOR INSTALLATION OF NEW WALL HEATER.
- ③ REMOVE EXISTING ROOF MOUNTED EXHAUST FAN AND ASSOCIATED CONTROLS AND ACCESSORIES. CAP EXISTING ROOF CURB WITH INSULATED CURB CAP AND SEAL WEATHER TIGHT.
- ④ REMOVE EXISTING WALL PROP FAN AND ASSOCIATED CONTROLS. EXTERIOR WALL SHUTTERS TO REMAIN AND SHALL BE SECURED CLOSED AND SEALED WEATHER TIGHT. SEE ARCHITECTURAL DOCUMENTS FOR PATCHING OF WALL ON THE INTERIOR.
- ⑤ REMOVE EXISTING WALL PROP FAN AND ASSOCIATED CONTROLS. PREPARE OPENING FOR USE WITH DUCT PENETRATION. SEE ARCHITECTURAL DOCUMENTS FOR PATCHING OF WALL.
- ⑥ REMOVE EXISTING GAS UNIT HEATER AND ASSOCIATED CONTROLS AND ACCESSORIES. EXISTING FLUE TO BE SECURED IN PLACE AND CAULK AROUND PERIMETER AT ROOF PENETRATION. CAP FLUE 12" BELOW ROOF DECK AND FILL FLUE WITH SPRAY FOAM INSULATION.
- ⑦ REMOVE EXISTING WALL MOUNTED MINI SPLIT FAN COIL AND ASSOCIATED CONTROLS AND ACCESSORIES. PREPARE WALL FOR INSTALLATION OF NEW WALL MOUNTED MINI SPLIT FAN COIL.
- ⑧ REMOVE EXISTING MINI SPLIT OUTDOOR UNIT AND ASSOCIATED CONTROLS AND ACCESSORIES.
- ⑨ EXISTING HEAT RECOVERY FANS TO REMAIN. REMOVE EXISTING CONTROLS. REFER TO SPECIFICATIONS 23 09 93 FOR NEW CONTROLS AND SEQUENCING.
- ⑩ REMOVE EXISTING GAS FIRED MAKE UP AIR UNIT AND ALL ASSOCIATED CONTROLS AND ACCESSORIES. REMOVE EXISTING EXTERIOR SUPPLY AND RETURN DUCTWORK.
- ⑪ EXISTING LOUVER TO REMAIN. DISCONNECT EXISTING CONTROLS AND REMOVE DAMPER ACTUATOR. CLOSE AND SECURE LOUVER DAMPER SHUT. SEE ARCHITECTURAL DOCUMENTS FOR ADDITIONAL PATCHING REQUIREMENTS.
- ⑫ DISCONNECT AND REMOVE EXISTING WALL SWITCHES. UTILIZE EXISTING JUNCTION BOX FOR INSTALLATION OF NEW CONTROL DEVICES. SEE RENOVATION PLAN.
- ⑬ DISCONNECT AND REMOVE EXISTING CONTROL DEVICE. UTILIZE EXISTING JUNCTION BOX FOR NEW CONTROL DEVICES. PER RENOVATION DRAWINGS.
- ⑭ DISCONNECT AND REMOVE EXISTING CONTROL DEVICE AND COVER WITH BLANK OFF COVER PLATE.
- ⑮ EXISTING DUCTWORK, GRILLES, DIFFUSERS, & FIRE DAMPERS SHOWN BY DASHED LINES TO REMAIN.
- ⑯ REMOVE EXISTING DUCTWORK, GRILLES, DIFFUSERS, & FIRE DAMPERS SHOWN BY SOLID LINES. REFER TO ARCHITECTURAL DOCUMENTS FOR PATCHING OF ALL RESULTING WALL OPENINGS.
- ⑰ REMOVE EXISTING GAS FURNACE AND ALL ASSOCIATED CONTROLS AND ACCESSORIES. REMOVE ASSOCIATED DUCTWORK IN MECHANICAL ROOM TO MECHANICAL ROOM WALL. DROP EXISTING FIRE DAMPER AND SECURE SHUT. PATCH WALL PER ARCHITECTURAL. REMOVE GAS FLUE TO A POINT 12" BELOW ROOF DECK. SECURE IN PLACE AND CAULK AROUND PERIMETER AT ROOF PENETRATION. FILL VENT PIPE WITH SPRAY FOAM INSULATION, CAP AT BOTTOM AND SEAL WEATHERTIGHT. EXISTING OA LOUVER TO REMAIN. PROVIDE INSULATED METAL PANEL TO BACK OF LOUVER AND SEAL WEATHERTIGHT.

⑱ REMOVE EXISTING AIR HANDLING UNIT, DUCT FURNACE AND ASSOCIATED CONTROLS AND ACCESSORIES. REMOVE ASSOCIATED DUCTWORK IN MECHANICAL ROOM TO MECHANICAL ROOM WALL. DISCONNECT GAS FLUE AND PREPARE FOR RECONNECTION TO NEW DUCT FURNACE. EXISTING OA LOUVER TO REMAIN FOR CONNECTION TO NEW AIR HANDLING UNIT.

⑳ REMOVE EXISTING AIR HANDLING UNIT, DUCT FURNACE AND ASSOCIATED CONTROLS AND ACCESSORIES. REMOVE ASSOCIATED DUCTWORK IN MECHANICAL ROOM TO MECHANICAL ROOM WALL. DISCONNECT GAS FLUE AND PREPARE FOR RECONNECTION TO NEW DUCT FURNACE. EXISTING OA LOUVER TO REMAIN FOR CONNECTION TO NEW AIR HANDLING UNIT.

GYMNASIUM - DEMOLITION FLOOR PLAN - HVAC 1/8" = 1'-0" I17 M101

GENERAL CONSTRUCTION NOTES:

THESE DRAWINGS ARE SCHEMATIC IN NATURE AND NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. THE CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE DISCIPLINES TO VERIFY ALL DIMENSIONS AND METHODS OF CONSTRUCTION.

ALL DUCTWORK SHALL BE FABRICATED AND ERECTED PER SMACNA STANDARDS. SEE SPECIFICATION FOR PRESSURE CLASS. ALL DUCT SIZES SHOWN ARE NET FREE AREA. WHERE INTERNAL LINER IS INDICATED THE DUCT SIZE SHALL BE INCREASED TO COMPENSATE FOR THE LINER.

ALL SQUARE TO ROUND DUCT TRANSITIONS SHALL BE SMOOTH SQUARE TO ROUND TRANSITIONS.

PORTIONS OF DUCTWORK VISIBLE THROUGH GRILLES AND REGISTERS IN FINISHED AREAS SHALL BE PAINTED FLAT BLACK.

REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED AIR DISTRIBUTION DEVICES. IF A DEVICE IS NOT SHOWN ON THE REFLECTED CEILING PLAN, A SHOP DRAWING SHALL BE SUBMITTED FOR ARCHITECTS/ENGINEERS APPROVAL.

THE CONTRACTOR SHALL COORDINATE ALL FLOOR AND SLAB PENETRATIONS WITH THE ARCHITECT. TRANSITION ALL DUCTWORK ON THE BOTTOM AND SIDES UNLESS OTHERWISE INDICATED. MAINTAIN DUCTWORK HIGH AS POSSIBLE.

COORDINATE VOLTAGE AND PHASE OF EACH PIECE OF MECHANICAL EQUIPMENT WITH DIVISION 26 CONTRACTOR PRIOR TO SUBMITTING AND/OR PURCHASING THE EQUIPMENT. NO ALLOWANCES WILL BE MADE FOR EQUIPMENT DELIVERED TO THE JOB SITE WITH THE WRONG ELECTRICAL CHARACTERISTICS.

ALL REFRIGERANT PIPING SHALL BE SIZED BY THE EQUIPMENT MANUFACTURER BASED ON LENGTH OF RUN AND AMOUNT OF CHARGE REQUIRED TO PROVIDE CAPACITIES SCHEDULED.

AT ALL DUCT MOUNTED ELECTRIC RESISTANCE AND/OR FUEL BURNING HEATERS WHERE INTERNAL DUCT LINER IS SHOWN THE LINER SHALL BE INTERRUPTED FOR A MINIMUM OF 6 INCHES UPSTREAM AND 6 INCHES DOWNSTREAM OF THESE DEVICES. WHERE DUCT LINER HAS BEEN INTERRUPTED, WRAP WITH BLANKET TYPE DUCT INSULATION AND IN CONFORMANCE WITH SPECIFICATION SECTION 230713.

SEAL ALL DUCT PENETRATIONS OF SMOKE RESISTIVE ASSEMBLIES.

LOCATE ALL THERMOSTATS, INTERVAL TIMERS, NIGHT SETBACKS, WALL SWITCHES, SENSORS, AND ANY OTHER HVAC CONTROL DEVICES SUCH THAT THEY DO NOT INTERFERE WITH CHALKBOARDS, TACKBOARDS, TEACHER'S CABINETS, DOORSWINGS, MILLWORK, ETC.

CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. REPORT ANY CONFLICTS OR DISCREPANCIES TO THE ARCHITECT FOR REVIEW. WHERE PIPES, CONTROL DEVICES AND WIRING ARE DISCONNECTED FOR THE REMOVAL OR RELOCATION OF EQUIPMENT, OR BECAUSE OF BUILDING ALTERATIONS, THEY SHALL BE RECONNECTED AND MADE OPERATIONAL.

UNLESS OTHERWISE NOTED, ALL MATERIALS AND EQUIPMENT SHOWN OR SPECIFIED TO BE REMOVED SHALL BE SURVEYED BY THE OWNER, THE OWNER OR OWNER'S REPRESENTATIVE SHALL DETERMINE WHICH EQUIPMENT SHALL REMAIN PROPERTY OF THE OWNER. RETAINED EQUIPMENT SHALL BE STORED BY THE CONTRACTOR AT THE OWNER'S DIRECTIVE. ALL OTHER EQUIPMENT AND MATERIALS DESIGNATED TO BE REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR.

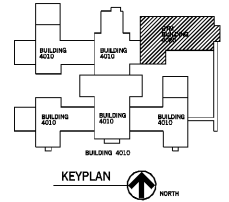
CONTRACTOR SHALL DO ANY AND ALL CUTTING AND PATCHING REQUIRED FOR THE SCOPE OF THIS WORK, RESTORING ALL SURFACES TO THEIR ORIGINAL ADJACENT CONDITIONS AND IN COMPLIANCE WITH CUTTING AND PATCHING SPECIFICATIONS. ALTERATIONS TO ANY STRUCTURAL MEMBER, EITHER WOOD, STEEL OR CONCRETE, SHALL REQUIRE THE APPROVAL OF THE ARCHITECT.

CONTRACTOR SHALL REMOVE ALL SUPPORTING ITEMS NO LONGER NEEDED OR MADE OBSOLETE BY THE NEW EQUIPMENT AND MATERIALS FURNISHED UNDER THIS CONTRACT. SUCH REMOVAL INCLUDES, BUT IS NOT LIMITED TO, EXPOSED CONDUIT RUNS WITH WIRING AND SUPPORT BRACKETS, ABANDONED PIPING, SUPPORT FRAMES OR BASES, SWITCHES AND CONTROLS. COORDINATE WITH ELECTRICAL DEMOLITION DRAWINGS WHERE APPLICABLE.

CLEAN EXISTING DIFFUSERS, REGISTERS AND GRILLES CONNECTED TO AIR SYSTEMS THAT ARE MODIFIED OR REPLACED. ALL DAMPERS OF SUCH SYSTEMS SHALL BE REPAIRED OR REPLACED. ALL EXISTING DUCT-WORK IN SUCH SYSTEMS SHALL BE CLEANED AND SHALL BE SEALED AS REQUIRED TO BALANCE THE SYSTEM TO THE AIR QUANTITIES SHOWN ON THE FLOOR PLANS.

INSPECT AND REPLACE DEFECTIVE EXISTING FIRE DAMPER FUSIBLE LINKS.

UNLESS OTHERWISE NOTED, CONTRACTOR SHALL RECOVER REFRIGERANT FROM EXISTING HVAC EQUIPMENT, STORE IN APPROVED REFRIGERANT RECOVERY CYLINDERS, AND TURN OVER TO OWNER.



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REVISIONS: December 20 2019
 DATE: December 10 2019
 JOB NUMBER: 01 610 292

HVAC RENOVATIONS FOR:
LEE MIDDLE SCHOOL GYMNASIUM
 COWETA COUNTY SCHOOL SYSTEM
 NEWNAN, GEORGIA

DRAWING NUMBER: **M101**

REGISTERED ARCHITECT: GREGORY SCHULTE
 REGISTERED ENGINEER: MICHAEL C. WALDRUP