



- RENOVATION NOTES - THIS SHEET ONLY**
- INSTALL NEW ROOF MOUNTED EXHAUST FAN ON EXISTING CURB.
 - MECHANICAL EQUIPMENT PAD. SEE ARCHITECTURAL DOCUMENTS. PAD SHALL EXTEND TO THE EXTERIOR WALL OF THE BUILDING. RE: ARCH. DOCUMENTS.
 - LINED AND INSULATED SUPPLY AND RETURN DUCT ROUTED ALONG EXTERIOR FACE OF WALL. REUSE EXISTING WALL OPENINGS FOR SUPPLY DUCT AND RETURN AIR GRILLE.
 - INSTALL RETURN AIR GRILLE AT EXISTING WALL OPENING - SEE DEMO. PLANS. ENLARGE WALL OPENING TO MATCH COLLAR OF RETURN AIR GRILLE.
 - RECONNECT NEW GAS FURNACE WOODCOOLING COIL TO EXISTING DUCTWORK. ROUTE PVC/PVC FLUE AND COMBUSTION VENT PIPE TO EXTERIOR OF BUILDING. TERMINATE WITH SIDE WALL CONCENTRIC TERMINATION KIT.
 - EXISTING HEAT RECOVER FANS TO REMAIN. REMOVE EXISTING CONTROLS. REFER TO SPECIFICATIONS 23 09 93 FOR NEW CONTROLS AND SEQUENCING.
 - EXISTING DUCTWORK AND ASSOCIATED AIR DISTRIBUTION DEVICES IN THIS ROOM SHALL REMAIN.
 - REMOTE BMS TEMPERATURE SENSOR.
 - TRANSITION FROM UNIT CONNECTIONS AND ROUTE S.A. AND R.A. DUCT UP ALONG EXTERIOR WALL AND PENETRATE WALL ABOVE COLLING IN STORAGE ROOM. ROUTE S.A. DUCT MIN. 16 ABOVE CEILING. ROUTE R.A. DUCT ABOVE S.A. DUCT. TIE TO EXISTING DUCTWORK AT LOCATIONS SHOWN.
 - THE EXISTING E.A. DUCT TO NEW ERU EXHAUST DUCTWORK AT THIS LOCATION. PROVIDE SPIN-IN FITTING WITH DAMPER. SEAL DUCT JOINTS PER SPEC.
 - THE EXISTING S.A. DUCT TO NEW ERU SUPPLY DUCTWORK AT THIS LOCATION. SEAL DUCT JOINTS PER SPEC. INSPECT EXISTING RUNOUT DAMPERS AND REPLACE IF DEFECTIVE. PROVIDE ADDITIONAL DAMPERS IN LOCATION SHOWN FOR FULLY BALANCING THE DUCT SYSTEM.
 - DUCTWORK IN GYMNASIUM SHALL BE FABRIC DUCT TYPE. FABRIC DUCT (KE-FIBRETECH OR APPROVED EQUIVALENT) WITH NOZZLES FOR DIRECTIONAL DELIVERY. RE: DETAIL XM202. DUCT SHALL BE SUSPENDED FROM STRUCTURE USING CABLE AND A DOUBLE TRACK (SAFETRAK 360 OR APPROVED EQUIVALENT) FOR SUPPORT. MAINTAIN DUCT ELEVATION AS DUCT AT WALL PENETRATION. COORDINATE FABRIC DUCT ROUTING WITH EXISTING LIGHT FIXTURES, GOAL SWING, SPEAKERS, ETC. COLOR SHALL BE COORDINATED DURING SHOP DRAWING REVIEW PHASE.
 - HVAC CONTROL PANEL.
 - PROVIDE SINGLE COMBINATION SENSOR. REUSE EXISTING JUNCTION BOX. PROVIDE CAGE TYPE THERMOSTAT COVER.
 - UNIT MOUNTED SMOKE DETECTOR. SEE SPECIFICATION SECTION 230900 AND 230993.
 - PACKAGED PAD MOUNTED AC UNIT INSTALLED ON MECHANICAL EQUIPMENT STAND. REFER TO ARCH. DOCUMENTS FOR PIPE STAND FOOTING AND PIER DETAIL. FENCED AREA AROUND PMU SHALL HAVE 6" GRAVEL INFILL PER ARCH. DOCUMENTS.

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HVAC RENO. PLAN - GYMNASIUM 1
NO SCALE M102

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

STATE OF GEORGIA REGISTERED ARCHITECT
GREGOR SCHILLING

STATE OF GEORGIA REGISTERED ENGINEER
MICHAEL C. WALDRON

DRAWING NUMBER
M102