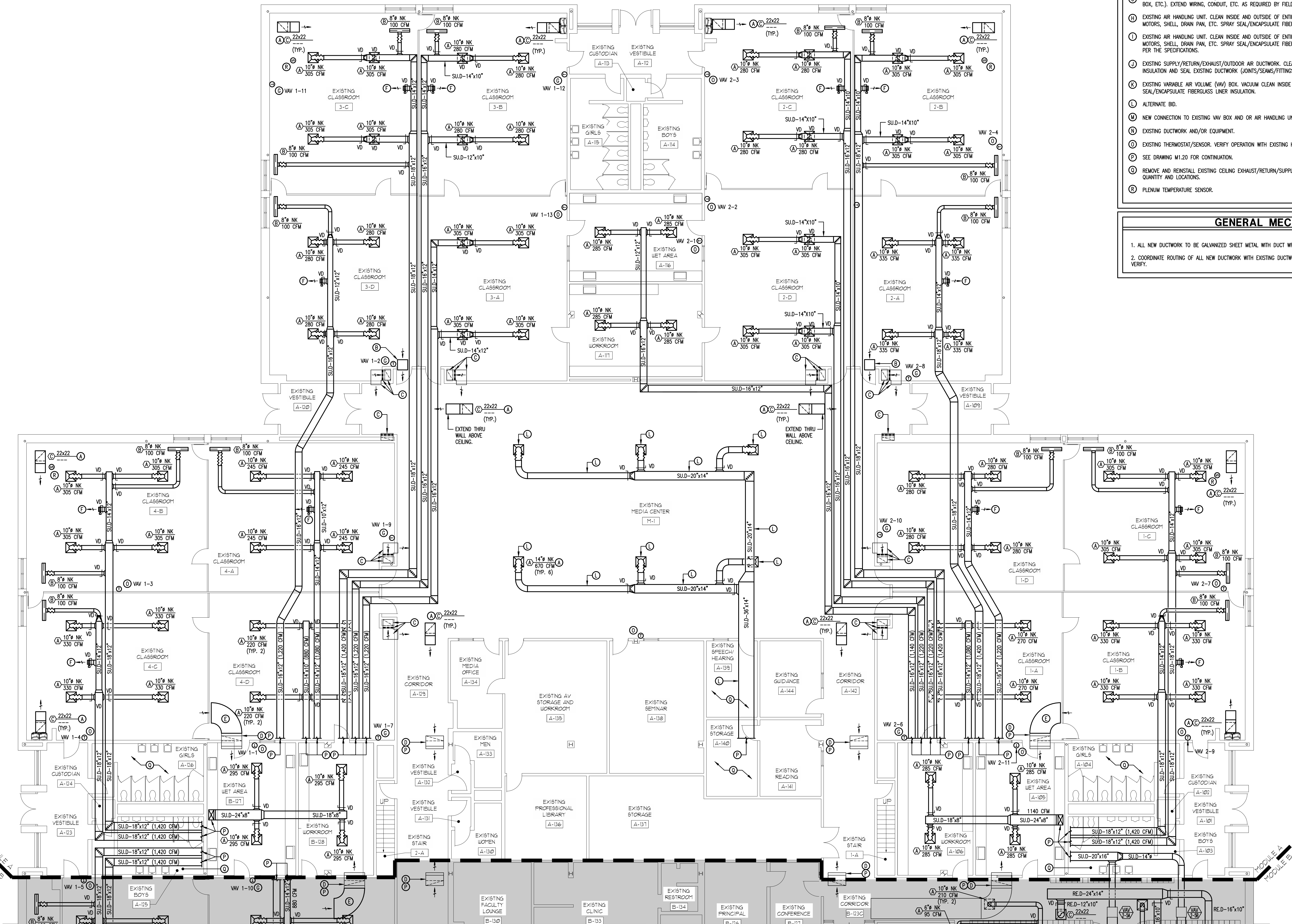


PLOTTED BY: JERRY ARNOLD DATE PLOTTED: 3/1/2019 1:45 AM FILE PATH AND NAME: P:\130-B-2 Jackson ES\130-B-2 - M10A

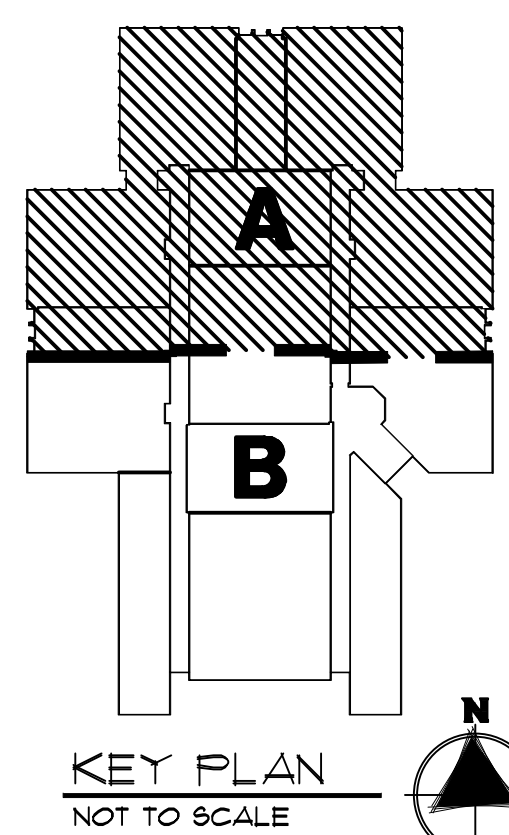


MECHANICAL NEW WORK NOTES

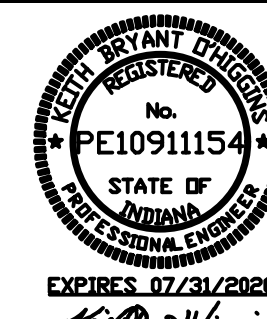
- PROVIDE CEILING RELIEF GRILLE. FIELD VERIFY EXACT GRILLE LOCATION. FIELD VERIFY EXACT DUCTWORK SIZE/ROUTING IN FIELD. SEE DETAILS.
- PROVIDE 24"x24" RELIEF DUCTWORK AS SHOWN IN DETAIL. COORDINATE EXACT LOCATION IN FIELD WITH EXISTING BUILDING CONSTRUCTION.
- CLEAN EXISTING 24"x24" RETURN AIR GRILLE AND ASSOCIATED DUCTWORK. VACUUM CLEAN AND SPRAY SEAL/ENCAPSULATE EXISTING RELIEF FIBERGLASS DUCTWORK LINER INSULATION IN EXISTING CLASSROOM CHASE AND DUCTWORK ABOVE CEILING TO CORRIDOR.
- CLEAN EXISTING TRANSFER DUCTWORK AND FIRE DAMPER. VACUUM CLEAN AND SPRAY SEAL/ENCAPSULATE EXISTING FIBERGLASS DUCTWORK LINER INSULATION. PROVIDE NEW FUSIBLE LINK FOR EXISTING FIRE DAMPER.
- CLEAN EXISTING 48"x12" TRANSFER DUCTWORK. VACUUM CLEAN AND SPRAY SEAL/ENCAPSULATE EXISTING FIBERGLASS DUCTWORK LINER INSULATION. PROVIDE NEW CONNECTION WITH ELBOW AND WIRE SCREEN MESH. FIELD VERIFY SIZE/LOCATION/ROUTING.
- PROVIDE 10"x6" SUPPLY AIR DUCTWORK/OPENING WITH LOW LEAK DAMPER. SEE SEQUENCE OF OPERATION FOR DAMPER CONTROL. PROVIDE WIRE MESH SCREEN AT OPENING. BALANCE TO 200 CFM DURING HEATING SEASON.
- NEW LOCATION FOR THERMOSTAT/SENSOR. VERIFY OPERATION WITH EXISTING HVAC EQUIPMENT (I.E. AIR HANDLING UNIT, VARIABLE AIR VOLUME BOX, ETC.). EXTEND WIRING, CONDUIT, ETC. AS REQUIRED BY FIELD CONDITIONS.
- EXISTING AIR HANDLING UNIT. CLEAN INSIDE AND OUTSIDE OF ENTIRE UNIT INCLUDING BUT NOT LIMITED TO FANS, FAN HOUSINGS, COILS, MOTORS, SHELL, DRAIN PAN, ETC. SPRAY SEAL/ENCAPSULATE FIBERGLASS LINER INSULATION.
- EXISTING AIR HANDLING UNIT. CLEAN INSIDE AND OUTSIDE OF ENTIRE UNIT INCLUDING BUT NOT LIMITED TO FANS, FAN HOUSINGS, COILS, MOTORS, SHELL, DRAIN PAN, ETC. SPRAY SEAL/ENCAPSULATE FIBERGLASS LINER INSULATION. PROVIDE NEW FLAT FILTER HOUSING AND FILTERS PER THE SPECIFICATIONS.
- EXISTING SUPPLY/RETURN/EXHAUST/OUTDOOR AIR DUCTWORK. CLEAN INSIDE OF DUCTWORK. SPRAY SEAL/ENCAPSULATE FIBERGLASS DUCTWORK LINER INSULATION AND SEAL EXISTING DUCTWORK (JOINTS/SEAMS/FITTINGS) BEING REUSED.
- EXISTING VARIABLE AIR VOLUME (VAV) BOX. VACUUM CLEAN INSIDE AND OUTSIDE OF UNIT INCLUDING HOT WATER COIL. SPRAY SEAL/ENCAPSULATE FIBERGLASS LINER INSULATION.
- ALTERNATE BID.
- NEW CONNECTION TO EXISTING VAV BOX AND OR AIR HANDLING UNIT. FIELD VERIFY SIZE/LOCATION.
- EXISTING DUCTWORK AND/OR EQUIPMENT.
- EXISTING THERMOSTAT/SENSOR. VERIFY OPERATION WITH EXISTING HVAC EQUIPMENT (I.E. AIR HANDLING UNIT, VARIABLE AIR VOLUME BOX, ETC.).
- SEE DRAWING M1.20 FOR CONTINUATION.
- REMOVE AND REINSTALL EXISTING CEILING EXHAUST/RETURN/SUPPLY GRILLE. CLEAN GRILLE AND BALANCE TO ORIGINAL CFM. FIELD VERIFY QUANTITY AND LOCATIONS.
- PLENUM TEMPERATURE SENSOR.

GENERAL MECHANICAL NOTES

- ALL NEW DUCTWORK TO BE GALVANIZED SHEET METAL WITH DUCT WRAP INSULATION, NO DUCT LINER ALLOWED.
- COORDINATE ROUTING OF ALL NEW DUCTWORK WITH EXISTING DUCTWORK, FIRE PROTECTION PIPING, PLUMBING PIPING, STRUCTURE, ETC. FIELD VERIFY.

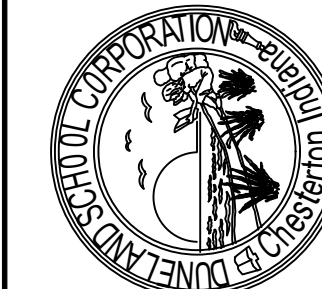


KEY PLAN
NOT TO SCALE



DUNELAND SCHOOL CORPORATION
2019 MECHANICAL RENOVATIONS AT:
JACKSON ELEMENTARY SCHOOL
811 N. 400 E. VALPARAISO, INDIANA 46383

REVISIONS	PROJECT NUMBER	DATE	BY	APP'D
1	130-B-2	3/1/2019	JAR	
2	130-B-2	3/1/2019	JAR	
3	130-B-2	3/1/2019	JAR	
4	130-B-2	3/1/2019	JAR	



M1.10A