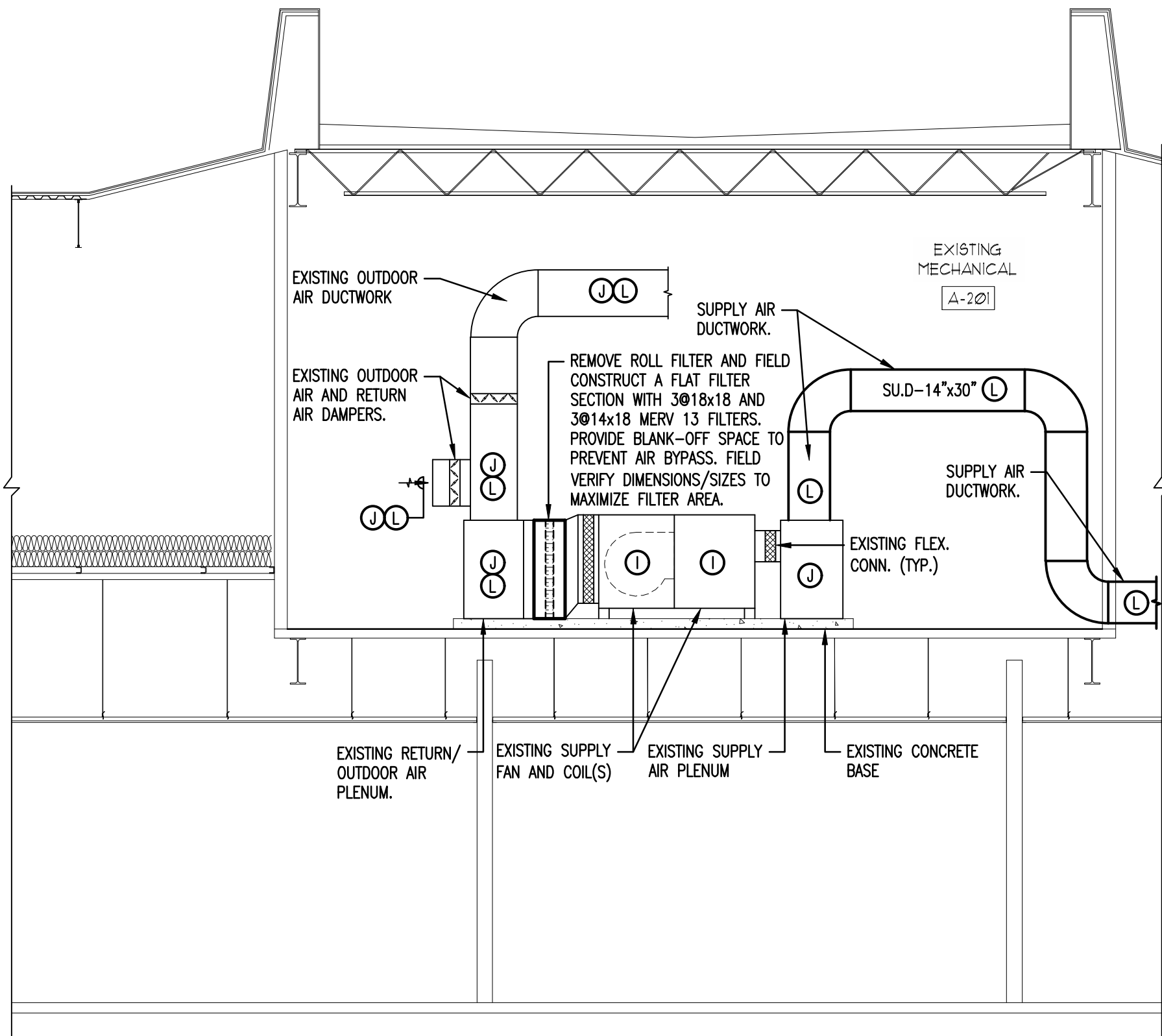


1 SECTION A - A
 1/4" = 1'-0"



2 SECTION B - B
 1/4" = 1'-0"

MECHANICAL NEW WORK NOTES

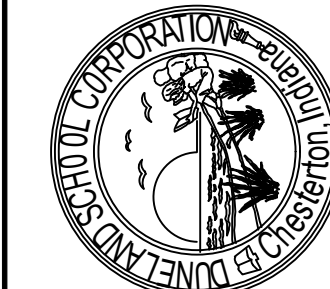
- Ⓐ PROVIDE CEILING RELIEF GRILLE. FIELD VERIFY EXACT GRILLE LOCATION. FIELD VERIFY EXACT DUCTWORK SIZE/ROUTING IN FIELD. SEE DETAILS.
- Ⓑ PROVIDE 24"x24" RELIEF DUCTWORK AS SHOWN IN DETAIL. COORDINATE EXACT LOCATION IN FIELD WITH EXISTING BUILDING CONSTRUCTION.
- Ⓒ CLEAN EXISTING 24"x24" RETURN AIR 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.
- ⓵ EXISTING SUPPLY/RETURN/EXHAUST/OUTDOOR AIR DUCTWORK. CLEAN INSIDE OF DUCTWORK. SPRAY ENCAPSULATE FIBERGLASS DUCTWORK LINER INSULATION AND SEAL EXISTING DUCTWORK (JOINTS/SEAMS/FITTINGS) BEING REUSED.
- ⓶ EXISTING VARIABLE AIR VOLUME (VAV) BOX. VACUUM CLEAN INSIDE AND OUTSIDE OF UNIT INCLUDING HOT WATER COIL. SPRAY SEAL/ENCAPSULATE FIBERGLASS LINER INSULATION.
- ⓷ ALTERNATE BID.
- ⓸ NEW CONNECTION TO EXISTING VAV BOX AND/OR AIR HANDLING UNIT, FIELD VERIFY SIZE/LOCATION.
- ⓹ EXISTING DUCTWORK AND/OR EQUIPMENT.
- ⓺ EXISTING THERMOSTAT/SENSOR. VERIFY OPERATION WITH EXISTING HVAC EQUIPMENT (I.E. AIR HANDLING UNIT, VARIABLE AIR VOLUME BOX, ETC.).
- ⓸ SEE DRAWING M1.20 FOR CONTINUATION.
- ⓴ REMOVE AND REINSTALL EXISTING CEILING EXHAUST/RETURN/SUPPLY GRILLE. CLEAN GRILLE AND BALANCE TO ORIGINAL CFM. FIELD VERIFY QUANTITY AND LOCATIONS.
- ⓶ 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.

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

PROJECT NUMBER	DATE	REVISIONS
138-B-2	03/07/19	1
138-B-2	03/07/19	2
138-B-2	03/07/19	3
138-B-2	03/07/19	4
138-B-2	03/07/19	5
138-B-2	03/07/19	6
138-B-2	03/07/19	7
138-B-2	03/07/19	8
138-B-2	03/07/19	9
138-B-2	03/07/19	10
138-B-2	03/07/19	11
138-B-2	03/07/19	12
138-B-2	03/07/19	13
138-B-2	03/07/19	14
138-B-2	03/07/19	15
138-B-2	03/07/19	16
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138-B-2	03/07/19	100



M2.00



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