



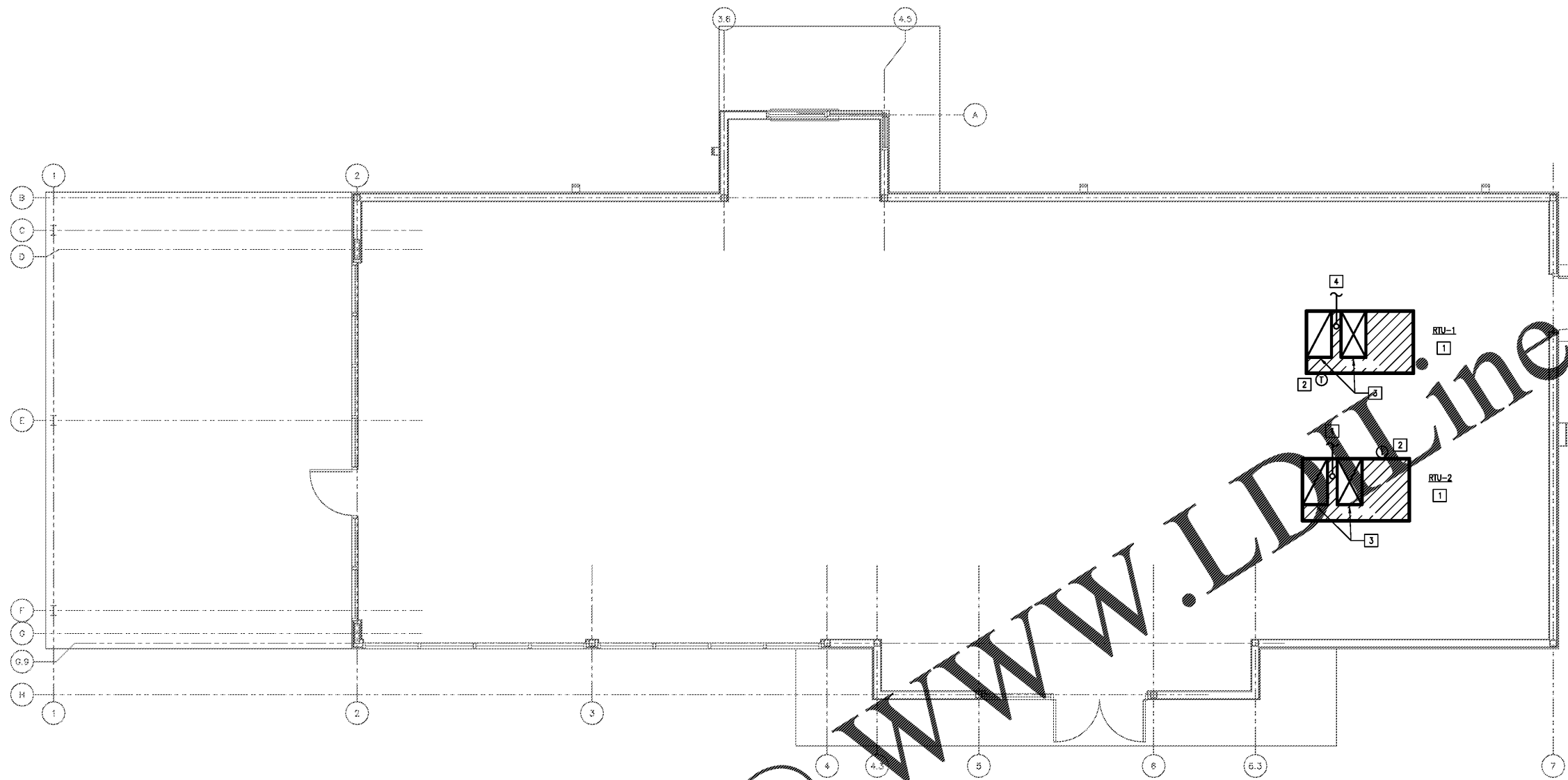
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SHELL BUILDING
1855 CEDAR CREEK ROAD
FAYETTEVILLE, NORTH CAROLINA 28312

Revisions:

File Name: 19086
Project No: 19086
Date: 10/11/19
Drawn By:
Checked By:

SHEET
M201
MECHANICAL
FLOOR PLAN



1 FLOOR PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- A. FIELD VERIFY ALL EXISTING CONDITIONS. NO ALLOWANCES WILL BE MADE FOR LACK OF KNOWLEDGE OF EXISTING CONDITIONS. REPORT ANY DEFICIENCIES TO AOS ENGINEERING.
- B. VERIFY ALL NEW MECHANICAL EQUIPMENT DOES NOT AFFECT STRUCTURAL INTEGRITY OF EXISTING BUILDING WITH STRUCTURAL ENGINEER BEFORE CONSTRUCTION.
- C. CONTRACTOR SHALL MAINTAIN 10'-0" MINIMUM DISTANCE BETWEEN ALL EXHAUST TERMINATIONS AND INTAKE AIR LOCATIONS PER LOCAL CODES.
- D. ALL MECHANICAL INSTALLATIONS SHALL BE IN STRICT COMPLIANCE WITH THE 2018 INTERNATIONAL MECHANICAL, 2018 INTERNATIONAL ENERGY CONSERVATION CODES AND ALL LOCAL GOVERNING AUTHORITIES HAVING JURISDICTION.
- E. ALL INSTALLATIONS SHALL COMPLY WITH THE INTERNATIONAL ENERGY CONSERVATION CODE 2018. EQUIPMENT EFFICIENCIES SHALL MEET MINIMUM REQUIREMENTS. DUCT INSULATION IN UNCONDITIONED SPACES SHALL HAVE A MINIMUM OF R5 VALUE. OUTDOOR INSULATION SHALL HAVE MINIMUM R8 VALUE.
- F. ALL THERMOSTATS, SENSORS, CONTROLS, AND CONTROL WIRING (50 VOLTS OR LESS) SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR.

KEY NOTES:

- 1 PROVIDE AND INSTALL NEW ROOFTOP UNIT PER ROOFTOP UNIT SCHEDULE AS SHOWN ON SHEET M-2. COORDINATE EXACT PLACEMENT WITH LANDLORD PRIOR TO CONSTRUCTION. MAINTAIN MINIMUM OF 10'-0" FROM EDGE OF ELEVATED ROOF SURFACE. INSTALL PER THE MANUFACTURER INSTALLATION INSTRUCTIONS AND PROVIDE ALL MANUFACTURER REQUIRED CLEARANCES FOR MAINTENANCE AND ACCESS. FIELD INSTALL CURB ADAPTER AS REQUIRED.
- 2 PROVIDE A HONEYWELL T7300 THERMOSTAT WITH 50 FT. OF COILED UP STAT WIRE FOR FUTURE LOCATION.
- 3 DROP THE SUPPLY AND RETURN AIR PLENUMS DOWN TO 24" BELOW ROOF BEAMS AND/OR JOIST. EXTENSIONS SHALL BE BY OTHERS IN THE FINISH OUT. SEAL ROOF PENETRATIONS WEATHER TIGHT AND MAINTAIN ALL ROOF WARRANTIES.
- 4 ROUTE 1" CONDENSATE DOWN THROUGH ROOF FROM ROOF TOP UNIT TO NEAREST FLOOR OR HUB DRAIN. ROUTE CONDENSATE WITH A SLOPE OF 1/8" PER FOOT OF HORIZONTAL PIPING. TURN PIPING AT WALL AND TERMINATE A MINIMUM OF 2 PIPE DIAMETERS ABOVE DRAIN. REFER TO PLUMBING DRAWINGS FOR LOCATIONS OF DRAINS.

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CONTRACTOR SHALL COORDINATE
MEP DRAWINGS WITH ALL OTHER
DISCIPLINES

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