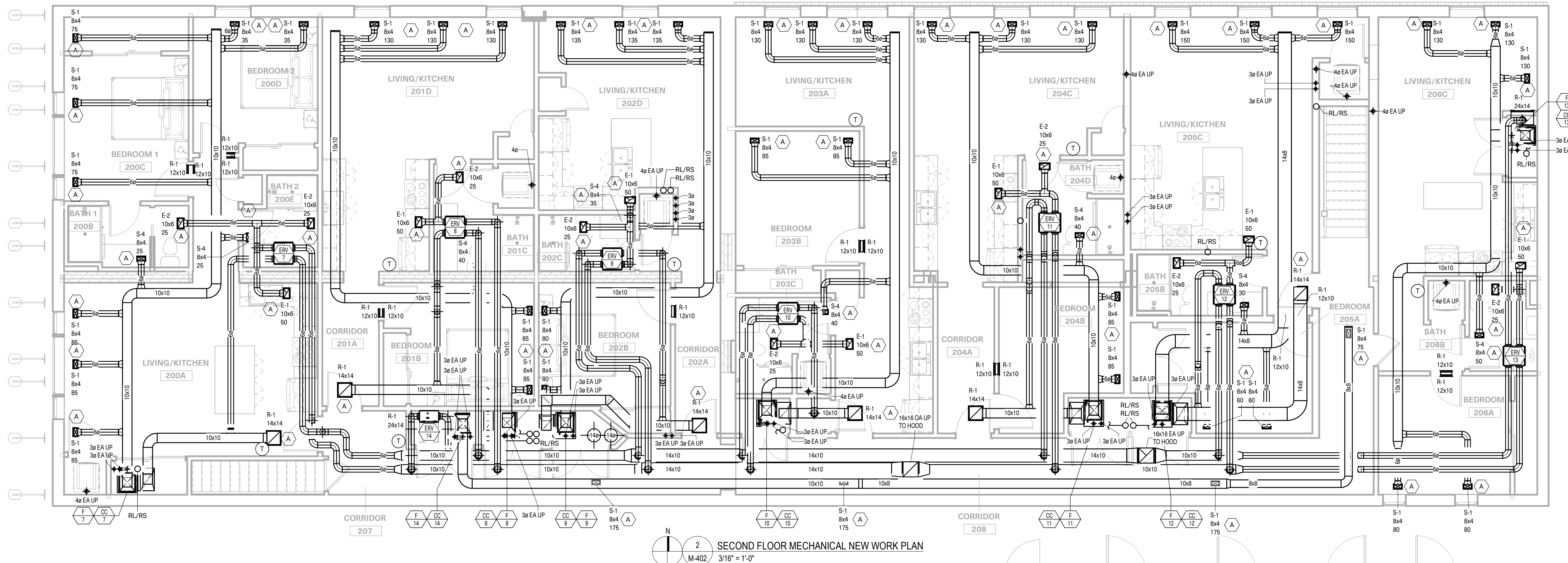




MECHANICAL - GENERAL NOTES

- 3 THESE DRAWINGS ARE INTENDED TO BE DIAGRAMMATIC AND ARE NOT TO BE CONSIDERED FABRICATION OR SHOP DRAWINGS. COORDINATE ALL PIPING AND DUCTWORK AMONGST OTHER TRADES AS REQUIRED.
- 2 PROVIDE ALL NECESSARY CLEARANCES AROUND MECHANICAL AND ELECTRICAL EQUIPMENT, DEVICES, VALVES, AND ANY COMPONENTS REQUIRING MAINTENANCE PER MANUFACTURER RECOMMENDATIONS AND REQUIREMENTS.
- 3 COORDINATE ROUTING OF PIPING AND SHEET METAL WITH ARCHITECTURAL, STRUCTURAL, AND ELECTRICAL TRADES TO AVOID INTERFERENCE. PROVIDE ADDITIONAL FITTINGS, OFFSETS, ELBOWS, AND TEES AS REQUIRED DUE TO SPACE CONSTRAINTS OR OTHER FIELD CONDITIONS AND ARE NECESSARY TO AVOID CONFLICTS.
- 4 MOUNT THERMOSTATS 48" ABOVE FINISH FLOOR UNLESS NOT OTHERWISE SPECIFIED.
- 5 PROVIDE ACCESS DOORS IN DUCTWORK TO PROVIDE ACCESS FOR ALL SMOKE DETECTORS, FIRE DAMPERS, SMOKE DAMPERS, VOLUME DAMPERS, HUMIDIFIERS, COILS, AND OTHER ITEMS LOCATED IN THE DUCTWORK THAT REQUIRE SERVICE AND/OR INSPECTION.
- 6 PROVIDE ACCESS DOORS IN HARD CEILINGES FOR THE OPERATION, ADJUSTMENT, AND MAINTENANCE OF ALL FANS, VALVES, AND MECHANICAL EQUIPMENT.
- 7 DUCTWORK AND PIPING SHALL NOT BE LOCATED OVER ANY ELECTRICAL EQUIPMENT OR PANELS. PROVIDE REQUIRED N.E.C. CLEARANCE IN FRONT AND ABOVE ELECTRICAL EQUIPMENT. CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS STEEL, STEEL STUDS, BRACKETS, AND INSTALLATION AND SUPPORT OF MECHANICAL SYSTEMS.
- 8 CONTRACTOR SHALL VERIFY THERE ARE NO COMBUSTIBLES IN ANY RETURN AIR PLENUM. IF COMBUSTIBLES ARE PRESENT CONTRACTOR SHALL REMOVE COMBUSTIBLES OR ADVISE ARCHITECT/ENGINEER FOR COURSE OF ACTION. DUCT RETURN SYSTEM OR ELIMINATE COMBUSTIBLES WITH FIREPROOF WRAP, OR BY OTHER MEANS.
- 9 ALL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND REQUIREMENTS.
- 10 MECHANICAL AIR HANDLING EQUIPMENT SHALL HAVE DUCT DETECTOR IN RETURN AND/OR SUPPLY DUCT. SMOKE DETECTION WILL SHUT OFF HVAC UNIT OPERATION. THE ACTION OF THE SHUT OFF SHALL BE INDICATED BY VISIBLY AND AUDIBLY SUPERVISORY SIGNAL AT A CONSTANTLY ATTENDED LOCATION OR TO THE INTO FIRE ALARM PANEL IF ONE EXISTS. SMOKE DETECTION DEVICES THAT ARE NOT VISIBLY BE PROVIDED WITH A REMOTE INDICATION DEVICE PER CODE.

MECHANICAL CONSTRUCTION KEYNOTES

- A PROVIDE A CEILING RADIATION DAMPER COMPLYING WITH UL 555C. 212 DEG SETTING FUSIBLE LINK.
- B TERMINATE 3" FURNACE INTAKE AND FLUE UP THROUGH ROOF PER MANUFACTURE REQUIREMENTS. REFER TO ARCHITECTURAL FOR ROOF FLASHING.
- C TERMINATE 4" DRYER EXHAUST UP THROUGH ROOF AND TERMINATE WITH GOOSENECK LESS BIRDSCREEN.