



THESE DRAWINGS ARE INTENDED TO BE DIAGRAMATIC AND ARE NOT TO BE CONSIDERED FABRICATION OR SHOP DRAWINGS. CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABORS TO PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM INCLUDING THE STRUCTURE, SHEET METAL, CONDUITS, CABLE TRAY, AND LIGHT FIXTURES.

2. PROVIDE ALL NECESSARY CLEARANCES AROUND MECHANICAL AND ELECTRICAL EQUIPMENT, DEVICES, VALVES, AND ANY COMPONENT REQUIRING MAINTENANCE PER MANUFACTURER REQUIREMENTS.

3. COORDINATE ROUTING OF PIPING AND SHEET METAL WITH ARCHITECTURAL, STRUCTURAL, AND ELECTRICAL TRADES TO AVOID INTERFERENCE. PROVIDE ADDITIONAL FITTINGS AND EQUIPMENT TO ACCOMMODATE ALL TRADES.

4. ALL SANITARY PIPING BELOW SLAB SHALL BE A MINIMUM OF 4" UNLESS NOTED OR AS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

5. ALL SANITARY AND STORM PIPING 2" AND SMALLER SHALL BE 1/2" MINIMUM SLOPE. SANITARY PIPING 3" AND STORM PIPING 3" AND LARGER SHALL BE SLOPED AT A MINIMUM OF 1/8" PER FOOT, UNLESS OTHERWISE NOTED OR AS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

6. INSTALL ALL SUBMITTALS AND MATERIALS, SUCH AS, TRAPS, SLEEVES, UNIONS, AND PIPE ACCESSORIES ARE ACCESSIBLE. FLANGE AND FIRE STOP ALL PENETRATIONS OF RATED WALLS, FLOORS, CEILINGS, ETC. IN ACCORDANCE WITH APPLICABLE UL STANDARDS AND LISTINGS AND LOCAL CODES TO MAINTAIN RATED BARRIERS TO ARCHITECTURAL DRAWINGS FOR RATED ASSEMBLIES.

8. INSTALL WATER HAMMER ARRESTORS, BACKFLOW PREVENTERS, THERMOSTATIC MIXING VALVES, AND TRAP PRIMERS AS REQUIRED BY CODE IN AND INSTALLED IN ACCORDANCE WITH ALL EQUIPMENT AND FIXTURES SHALL BE INSTALLED COMPLETE INCLUDING ISOLATION VALVES, ANGLE SPOUTS, STOPS, SUPPORT HARDWARE, P-TRAPS, OFFSETS, MIXING VALVES, ETC.

10. ALL PIPING LOCATED WITHIN RETURN AIR PLENUM SHALL BE PLENUM RATED OR FIRE WRAPPED AS NEEDED. COORDINATE PLENUM LOCATIONS WITH MECHANICAL TRADES.

11. ALL ADA FIXTURES, WHERE DESIGNATED BY THE ARCHITECT SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE "BARRIER-FREE" DESIGN REQUIREMENTS OF THE APPLICABLE LOCAL CODE.

12. CONTRACTOR SHALL VIDEO CAMERA AND SCOPE ALL SANITARY AND STORM PIPING AND RECORD ALL VIDEO RECORDING OF OBSTRUCTIONS AND DEFECTS TO ENSURE PROPER FLOW.

A EXTEND 3/8" HW FROM SINK HOT WATER SUPPLY TO DISHWASHER. ROUTE SAN FROM DISHWASHER TO INLET OF GARBAGE DISPOSAL. INSTALL DISHWASHER PER MANUFACTURER RECOMMENDATIONS.

B ROUTE 3/4" CD FROM FURNACE AND COOLING COIL TO FLOOR DRAIN. REFER TO TRAP DETAIL AND FURNACE INSTALLATION DETAIL.