



1 THIRD FLOOR PLAN - PLUMBING  
P1.3 1/8" = 1'-0"

GENERAL NOTES  
(APPLIES TO ALL SHEETS)

1. PLENUM IS USED FOR RETURN AIR. MATERIALS EXPOSED WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR OTHER APPROPRIATE STANDARDS.
2. SEE RISER DIAGRAMS FOR PIPE SIZES.
3. ALL HUB DRAINS SHALL BE READILY ACCESSIBLE.
4. ALL PLUMBING SHUTOFF VALVES SHALL BE COORDINATED WITH MECHANICAL EQUIPMENT AND SHALL BE EASILY ACCESSED FOR FUTURE OPERATION.
5. COORDINATE FINAL LOCATIONS OF ALL NFWH WITH BUILDING OWNERS REP, ARCHITECT, ETC.
6. PIPE SUPPORT ATTACHMENT TO BRIDGING OR METAL ROOF DECK IS STRICTLY PROHIBITED. REFER TO STRUCTURAL FOR ADDITIONAL INFORMATION.
7. ALL HORIZONTAL SANITARY, WASTE, & STORM PIPING SHALL BE SLOPED AT 1/8" PER FOOT, UNLESS OTHERWISE NOTED, IN DIRECTION OF FLOW.
8. ALL UNDERGROUND SANITARY WASTE, VENT PIPING SHALL BE SERVICE WEIGHT HUB AND SPIGOT CAST IRON SOIL PIPE WITH LEAD AND OAKUM OR REDUPRE DOUBLE-SEAL COMPRESSION GASKETS. WHEN NOT PERMITTED BY CODE, TYPE K SCHEDULE 40 WITH SOCKET-TYPE, SOLVENT WELDED JOINTS, CAN BE USED IN PLACE OF CAST IRON.
9. ALL ABOVE GROUND SANITARY, WASTE AND VENT PIPING SHALL BE HUBLESS CAST IRON SOIL PIPE.
10. UNDERGROUND DOMESTIC WATER SERVICE ENTRANCE PIPING 3" AND SMALLER IN SIZE SHALL BE TYPE K HUB AND SPIGOT CAST IRON SOIL PIPE WITH LEAD AND OAKUM OR REDUPRE DOUBLE-SEAL COMPRESSION GASKETS. ALL JOINTS SHALL BE BRASS.
11. ALL UNDERGROUND COPPER BRANCH LINES (1/2" AND 3/4" ONLY) SHALL BE CONTINUOUS LENGTHS OF SOFT TYPE K COPPER TUBING WITH NO JOINTS ALLOWED UNDERGROUND.
12. ABOVEGROUND DOMESTIC WATER SYSTEM PIPING 3" IN SIZE AND SMALLER SHALL BE TYPE L HARD DRAIN COPPER TUBING WITH WROUGHT COPPER FITTINGS AND SOLDERED JOINTS.
13. NATURAL GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL COMPLYING WITH ANSI B36.10. FITTINGS SHALL BE STEEL OR MALLEABLE IRON. JOINTS SHALL BE THREADED OR WELDED.
14. GAS PIPING SIZED PER NORTH CAROLINA FUEL GAS CODE TABLE 402.4(3).
15. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND COORDINATING WITH THE LOCAL UTILITY COMPANIES (GAS, WATER, SEWER, ELECTRICAL, TELEPHONE) TO INSURE TIMELY INSTALLATION OF UTILITY SERVICES TO THE POINTS SHOWN ON THE PLANS.

KEY NOTES  
(APPLIES THIS SHEET ONLY)

1. PROVIDE 1/2" CW AND CONNECT WITH SHUT OFF VALVE TO ICE MAKER. PROVIDE RECESSED BOX. COORDINATE EXACT CONNECTION LOCATION WITH EQUIPMENT AND ARCHITECT. PROVIDE BACK FLOW PREVENTOR AS REQUIRED BY LOCAL AUTHORITY.
2. PROVIDE 1/2" CW LINE TO COFFEE MAKER IN THIS AREA. PROVIDE BACK FLOW PREVENTOR AS REQUIRED BY LOCAL AUTHORITY. BFP SHALL MEET ASSE 1022 IN ACCORDANCE WITH NCPG 608.16.10. COORDINATE EXACT LOCATION WITH ARCHITECT.
3. ROUTE 1/2" HW AND CONNECT WITH SHUT OFF VALVE TO DISHWASHER. PROVIDE RECESSED BOX. COORDINATE EXACT CONNECTION LOCATION WITH EQUIPMENT AND ARCHITECT. PROVIDE BACK FLOW PREVENTOR AS REQUIRED BY LOCAL AUTHORITY. BFP SHALL MEET ASSE 1022 IN ACCORDANCE WITH NCPG 608.16.10.
4. PROVIDE 2" HUB DRAIN BELOW COUNTER FOR ICE MAKER DRAIN. HUB DRAIN SHALL BE LOCATED IN AN ACCESSIBLE LOCATION. COORDINATE EXACT LOCATION TO AVOID CONFLICTS WITH ADA CLEARANCES. P-TRAP SHALL BE INSULATED. REFERENCE ELEVATIONS FOR HUB DRAIN PRIOR TO FLOOR PENETRATION.
5. CONTRACTOR SHALL LOCATE WATER HEATER IN CABINET. COORDINATE WITH ELECTRICAL. COORDINATE EXACT LOCATION WITH ARCHITECT.

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SCALE: AS NOTED

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