

1. THE ENTIRE ELECTRIC INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2017 NATIONAL ELECTRIC CODE.
2. ALL CONDUIT SHALL BE COPPER AND SHALL NOT BE SMALLER THAN #12 A.W.G. ALL CONDUCTORS #10 A.W.G. AND SMALLER SHALL BE SOLID.
3. ALL CONDUIT SHALL BE SIZED IN ACCORDANCE WITH THE LATEST NATIONAL ELECTRIC CODE TABLES. MINIMUM CONDUIT SIZES SHALL BE 1/2", EXCEPT LOW VOLTAGE CONTROL WIRING.
4. CONDUCTORS FOR POWER CIRCUITS SHALL BE IN EMT CONDUIT IN ALL AREAS UNLESS NOTED OTHERWISE. METAL CLAD CABLE MAY BE USED IN AREAS WHERE CONDUITS ARE NOT EXPOSED.
5. ALL CONDUIT, JUNCTION BOXES, ETC. ABOVE CEILING SHALL BE SUPPORTED FROM STRUCTURE.

INTERIOR DOMESTIC WATER: TYPE "L" RIGID COPPER WITH SOLDER TYPE WROUGHT COPPER FITTINGS. PROVIDE NO LEAD SOLDER.

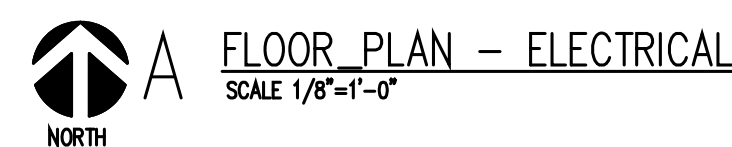
INTERIOR SANITARY WASTE AND VENT: PVC WASTE/VENT WITH PVC FITTINGS, ABS OPTIONAL. INSTALLED IN ACCORDANCE WITH LOCAL CODES.

DOMESTIC WATER PIPE INSULATION: FLEXIBLE ELASTOMERIC THERMAL INSULATION, EXPANDED CLOSED CELL OR MOLDED SECTIONAL FIBERGLASS GLASS WITH FAPPLY APPLIED, CURED VAPOR BARRIER JACKET, BOTH WITH A FLAME SPREAD OF 25 OR LESS AND A THERMAL RESISTANCE VALUE OF 3.6 - 4.5 (RSH) (SQFT) (IN²) PER BTU.

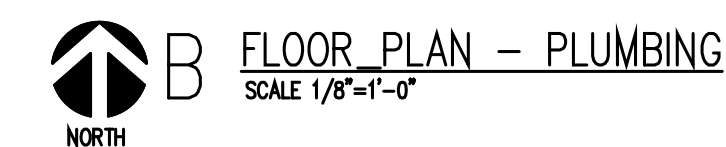
INTERIOR SANITARY WASTE AND VENT (BELOW CEILING WITH RETURN AIR PLenums): STANDARD HEIGHT CAST IRON PIPE WITH STANDARD HEIGHT FITTINGS. NO HUB CAST IRON SYSTEM AND JOINTS, IN ACCORDANCE WITH LOCAL CODE. VENTS SHALL BE CAST IRON AS ABOVE OR SCHEDULE 40 GALVANIZED STEEL WITH GALVANIZED MALLEABLE SCREWED FITTINGS.

INTERIOR SANITARY WASTE AND VENT (BELOW SLAB AND IN WALLS): SCHEDULE 40 PVC WASTE/VENT WITH PVC SOCKET FITTINGS AND SOLVENT-CEMENTED JOINTS. SCHEDULE 40 ABS IS OPTIONAL. INSTALLED IN ACCORDANCE WITH LOCAL CODES.

3. THE ENTIRE PLUMBING INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL PLUMBING CODE.
4. PROVIDE ACCESS DOORS WHERE INDICATED ON DRAWINGS AND/OR AS REQUIRED TO PROPERLY OPERATE, ADJUST AND MAINTAIN ALL VALVES AND EQUIPMENT. VERIFY EXACT LOCATION AND TYPE WITH ARCHITECT PRIOR TO INSTALLATION. COORDINATE INSTALLATION WITH OTHER TRADES.
5. PROVIDE SHUTOFF VALVES AT EACH PIECE OF EQUIPMENT AND AS INDICATED ON DRAWINGS.
6. SLOPE ALL WATER PIPING SO ENTIRE SYSTEM CAN BE DRAINED.
7. ALL SANITARY PIPING SHALL BE SLOPED A MINIMUM OF $\frac{1}{4}$ " PER FOOT.
8. EACH PLUMBING FIXTURE SHALL BE PROVIDED WITH CW AND HW SUPPLIES AND SHUTOFF VALVES AS APPROPRIATE. PROVIDE P-TRAP OF SIZE AND LENGTH AS REQUIRED BY CODE OR AS INDICATED ON THESE DRAWINGS. VENT EACH FIXTURE AS REQUIRED.
9. BUILDING IS NON-SPRINKLED. REFER TO SHEET A1.0 FOR PROJECT SYNOPSIS.
10. ALL MATERIALS EXPOSED IN RETURN AIR PLENUM SHALL COMPLY WITH NFPA 90A AND HAVE A FLAME SPREAD RATING UNDER 25, SMOKE DEVELOPED UNDER 10.



* CONNECTION SIZES THE SAME WHETHER STANDARD OR HANDICAP FIXTURE.



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