

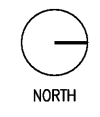
# KEY NOTES

1. WATER LINE TO SPLASH AREA. PROVIDE WITH DEDUCT METER AND EXTERIOR RPZ AS REQUIRED. COORDINATE EXACT SIZE AND ROUTING WITH OTHER TRADES PRIOR TO BID.
2. 3/4" ABOVE GROUND COLD WATER PIPING DOWN TO BELOW GROUND. SEE SHEET P.100 FOR CONTINUATION OF BELOW GROUND COLD WATER PIPING.
3. SEE DETAIL ON P.400 FOR UTILITY ROOM DOMESTIC WATER RISER DETAIL.
4. 3" SANITARY ABOVE CEILING UP TO PLUMBING HUB DRAINS. SEE SHEET P.102 FOR CONTINUATION.
5. 2" VENT TO 3" VENT THRU ROOF. INSTALL PER CODE REQUIREMENTS.
6. 1-1/2" VENT DOWN TO PLUMBING FIXTURE(S) AND SANITARY PIPING TO BELOW GROUND. SEE SHEET P.100 FOR CONTINUATION OF BELOW GROUND PIPING.
7. 1-1/2" VENT DOWN TO TRANSITION TO 2" ABOVE GROUND. SEE SHEET P.100 FOR CONTINUATION OF BELOW GROUND PIPING.
8. 2" VENT DOWN TO BELOW GROUND. SEE SHEET P.100 FOR CONTINUATION OF BELOW GROUND PIPING.
9. 1-1/2" HOT AND 1-1/4" HOT WATER RETURN UP TO MEZZANINE AND DOWN TO MANIFOLDS. 1-1/2" COLD WATER UP TO MEZZANINE AND DOWN TO BELOW GROUND. SEE SHEETS P.100 AND P.102 FOR CONTINUATION OF DOMESTIC WATER PIPING.
10. MACHINE OUTLET BOX BY OTHERS, COORDINATE EXACT LOCATION WITH GENERAL CONTRACTOR. TRANSITION 2" SANITARY BELOW GROUND TO A 1-1/2" STAND PIPE. EXTEND STAND PIPE TO 3'-0" ABOVE FINISH FLOOR WITH CAP FOR CONNECTION BY OTHERS. EXTEND 1/2" HOT AND COLD WATER SUPPLY TO 3'-0" ABOVE FINISH FLOOR WITH A CAPPED SHUT-OFF VALVE FOR CONNECTION BY OTHERS.

11. 1-1/2" VENT UP TO MEZZANINE. SEE SHEET P.102 FOR CONTINUATION OF VENT PIPING IN MEZZANINE. COORDINATE WITH FIELD CONDITIONS. INSTALL HORIZONTAL VENT PIPING 6" ABOVE FLOOR FINISH LEVEL OF SANITARY PIPING OR PER LOCAL OR STATE CODE REQUIREMENTS.
12. 3" SANITARY FOR CONDENSATE DOWN TO BELOW GROUND. SEE SHEET P.100 FOR CONTINUATION OF SANITARY PIPING BELOW GROUND. SEE SHEET P.102 FOR CONTINUATION OF SANITARY PIPING IN MEZZANINE.
13. PROVIDE AN ACCESSIBLE WALL CLEAN OUT UNDER LAVATORY.
14. COORDINATE FLOOR CLEAN OUT WITH GENERAL CONTRACTOR AND ARCHITECTURAL CASEWORK PLANS. ALL FLOOR CLEAN OUTS SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION.

UNDERGROUND PIPING PLAN

3/16" = 1'-0"



ALL SINKS SERVING CLASSROOMS WITH CHILDREN TO BE PROVIDED WITH TEMPERING VALVES SET TO 110°F  
SEAL ALL PENETRATIONS THROUGH SMOKE RATED WALLS.

**SANITARY PIPING NOTES:** SEE RISER DIAGRAM ON SHEET P.200 FOR FURTHER SANITARY PIPE SIZING. ALL BELOW GROUND SANITARY HORIZONTAL PIPING SHALL BE 3" (MINIMUM) OR 4" (WHERE INDICATED ON THE DRAWINGS). BELOW GROUND SANITARY VERTICAL PIPING SHALL BE 4" FOR ALL WATER CLOSETS, 3" FOR THE MOP SINK, ALL FLOOR DRAINS AND BOTH FLOOR SINKS, AND 2" FOR ALL OTHER FIXTURES. IF THE WASTE CONNECTION ON THE PLUMBING SCHEDULE CALLS FOR A 1-1/2" SANITARY CONNECTION, PLUMBER MAY REDUCE FROM 2" TO 1-1/2" ABOVE GROUND ONLY, NOT BELOW. PLUMBER SHALL INSTALL AND SLOPE ALL SANITARY PIPING PER LOCAL AND STATE CODES (1/8" PER FOOT MINIMUM SLOPE).

**VENT PIPING NOTES:** SEE RISER DIAGRAM ON SHEET P.200 FOR FURTHER VENT PIPE SIZING. BELOW GROUND HORIZONTAL AND VERTICAL VENT PIPING SHALL BE 2". HORIZONTAL VENT PIPING BELOW GROUND SHALL BE INSTALLED 6" ABOVE THE FLOOR FINISH LEVEL OF THE SANITARY PIPING. ALL VENT PIPING ABOVE AND BELOW GROUND SERVING A WATER CLOSET SHALL BE 2". PLUMBER MAY REDUCE THE VENT PIPING FROM 2" TO 1-1/2" ABOVE GROUND ONLY FOR ALL OTHER FIXTURES. ALL VENT THRU ROOFS SHALL BE 3" MINIMUM AND LOCATED AT LEAST 10'-0" FROM ANY HVAC AIR INTAKES. PLUMBER SHALL COORDINATE ALL VENT THRU ROOFS WITH MECHANICAL CONTRACTOR (HVAC AIR INTAKES MAY NOT BE INSTALLED EXACTLY AS SHOWN ON THE PLANS). PLUMBER SHALL INSTALL ALL VENT PIPING PER LOCAL AND STATE CODES.

**DOMESTIC WATER NOTES:** PLUMBER SHALL MAINTAIN A MINIMUM 5'-0" HORIZONTAL SEPARATION OF THE BELOW GROUND DOMESTIC WATER SERVICE FROM THE SANITARY PIPING. WHERE 5'-0" HORIZONTAL SEPARATION CANNOT BE MAINTAINED THE PLUMBER SHALL INSTALL THE DOMESTIC WATER PIPING (BOTTOM OF PIPE) A MINIMUM OF 1'-0" ABOVE THE SANITARY PIPING (TOP OF PIPE). PLUMBER SHALL INSTALL ALL DOMESTIC WATER PIPING PER LOCAL AND STATE CODES.

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