

RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
SAN / S	SANITARY
ST	STORM DRAIN
TEMP	TEMPERATURE
TYP	TYPICAL
TW	TEMPERED WATER (110°F)
TWR	TEMPERED WATER RETURN
V	VENT
VTR	VENT THROUGH ROOF
W	WASTE

LEAD NOTE:	
1.	ALL FAUCETS, FITTINGS, AND VALVES MUST COMPLY WITH NSF 61 AND ASTM 372 FOR LOW LEAD PERCENTAGE
2.	CONTRACTOR SHALL BE RESPONSIBLE TO DEMONSTRATE COMPLIANCE WITH THE NYS DEPARTMENT OF HEALTH LEAD IN WATER REGULATION (10 NYCRR 67-4).
3.	AT THE CONCLUSION OF NEW PLUMBING WORK, THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE SERVICES OF A THIRD PARTY NYS LICENSED ENVIRONMENTAL TESTING LABORATORY TO PROVIDE LEAD TESTING AT ALL NEW LAVATORIES, SINKS, SHOWERS, DRINKING FOUNTAINS AND ALL OTHER FIXTURES WHERE WATER MAY BE CONSUMED FOR DRINKING. TWO COPIES OF THE REPORT MUST BE SUBMITTED, ONE COPY TO THE ENGINEER AND THE OTHER ONE TO THE OWNER.

NOTES:

1. CHROME PLATE ALL DRAIN PIPE, FITTINGS, P-TRAPS AND SUPPLY LINES THAT ARE EXPOSED, LOCATED WITHIN VANITIES OR ACCESSIBLE CABINETS OR BEHIND WATER CLOSETS.
2. SEE SPECIFICATIONS FOR MANUFACTURER AND MODEL NUMBERS
3. MINIMUM CONNECTION SIZES INDICATED ARE EQUIPMENT CONNECTION SIZES OR CODE MINIMUM SIZES, SEE PLANS AND DIAGRAMS FOR ACTUAL SIZES REQUIRED
4. ALL FLOOR DRAINS SHALL HAVE TRAP SEAL.

Figure 10.1.2.1 is a detailed cross-section diagram of a drain penetration through a floor slab. The diagram illustrates the following components and construction details:

- Tile / Finished Floor, 2% Slope, by Contract 'G':** The top layer of the floor assembly.
- Thinset Mortar, by Contract 'G':** The layer immediately beneath the finished floor.
- Mortar, by Contract 'G':** The layer beneath the thinset mortar.
- Water Proof Membrane, Contract 'G':** The waterproofing layer, sloped at 2% towards the drain.
- First Course Mortar at 2% Slope for Membrane, by Contract 'G':** The mortar layer supporting the waterproof membrane.
- Existing Sub Floor to Remain, Provide New Openings for Contract 'P':** The structural floor below the waterproofing.
- Prepare and Patch as Necessary to Provide a Fire and Waterproof Penetration, by Contract 'G':** The fire and waterproof penetration assembly around the drain.
- Finished Top:** The top surface of the drain assembly.
- Adjustable Strainer:** The strainer at the top of the drain.
- Rubber Sleeve:** The sleeve around the drain pipe.
- Membrane Clamp:** The clamp securing the waterproof membrane.
- Trap Seal:** The seal at the bottom of the drain.
- Drain Flange Base:** The base of the drain flange.
- PPE (Plastic Pipe Enclosure):** The enclosure around the drain pipe.

