PLUMBING LEGEND

COLD WATER PIPING BELOW GRADE	
COLD WATER (CW)	
TEMPERED HOT WATER (TW)	
140°F WATER (HW)	
SANITARY WASTE PIPING	
VENT PIPING	
VENT THRU ROOF (VTR)	
GRADE CLEANOUT (GCO)	
FLOOR DRAIN (FD)	
PIPE DROP	
WATER SERVICE RISER	
BALL VALVE	
CHECK VALVE	
WATER HAMMER ARRESTER (WHA)	
NON FREEZE HOSE BIBB (NFHB)	

PLUMBING EQUIPMENT SCHEDULE

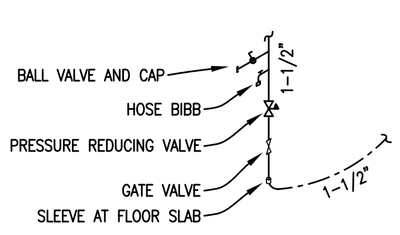
tag	equipment description
EWH1	Electric Water Heater. Equal to Eemax EX65T. Instantaneous & Thermostatic. 208-1-60, 4.875 kW. 67 deg F rise @ 0.5 gpm. Mount beneath lavatory.
EWH2	Electric Water Heater. Equal to Eemax EX65T. Instantaneous & Thermostatic. 208-1-60, 4.875 kW. 67 deg F rise @ 0.5 gpm. Mount beneath lavatory.
FCO	Floor cleanout. Equal to Zurn model ZN-1400-T. See detail.
GCO	Ground cleanout. Equal to Zurn Z-1440-BP. Set in 12"x12"x4" concrete pad flush with grade. See detail.
NFHB	Non freeze hose bibb. Equal to Woodford model B-65, chrome finish and keyless.
WHA	Water Hammer Arrestor. Equal to J.R. Smith Hydrotrol 5005. Stainless steel housing, rubber bellows. Provide access panel.

PLUMBING NOTES

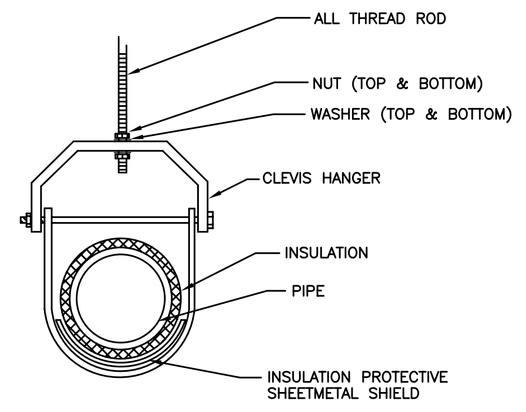
1. All work and materials shall be in compliance with the current Louisiana State Building Code and local codes and ordinances.
2. Water piping above grade shall be type L hard copper. Water piping below grade shall be type K soft copper with no joints under slab. Joints shall be made with lead free solder up to 1" pipe size. Joints shall be made with silver brazing solder for pipe sizes 1-1/4" and larger.
3. Above grade water piping shall be insulated with 1/2" thickness preformed fiberglass pipe insulation with all service jacket. All above grade piping in unheated areas shall be insulated with 2" thick preformed fiberglass pipe insulation with all service jacket. Provide foamglass insulation inserts and galvanized steel pipe shields at pipe supports. Route all water piping within the thermal envelope.
4. Sanitary and vent piping shall be service weight cast iron with hub and spigot joints with neoprene compression joints below grade; no-hub fittings may be used for above grade piping. Subject to local authority approval and provided that the ceiling is not used as a return air plenum, schedule 40 ASTM D-2665 PVC piping with PVC-DWV pattern solvent welded fittings may be substituted for cast iron piping.
5. Provide firestopping at all rated penetrations. Coordinate with GC.
6. Warranty all work for a minimum of 1 year from date of acceptance by owner.

PLUMBING FIXTURE SCHEDULE

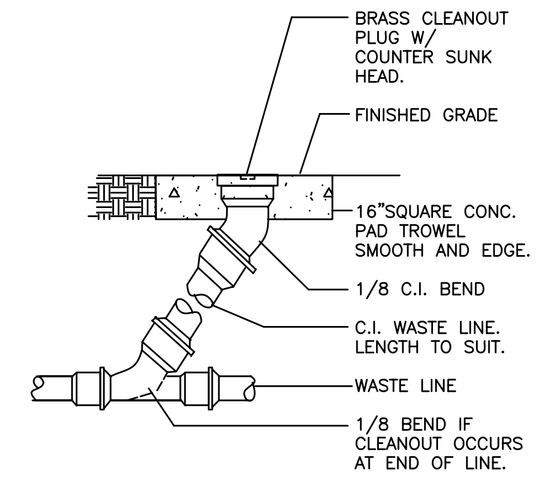
tag	fixture	fixture manufacturer (or equal)	fixture model #	trim manufacturer (or equal)	trim model #	sanitary	vent	cold water	hot water	remarks
P1	Floor mounted water closet. Flush valve. HC accessible.	American Standard	Madera 3043.102	Sloan	111	3"	2"	1-1/2"	-	White vitreous china assembly. Open front seat with check hinges. Elongated bowl. 1.6 gallons per flush. Provide flex supplies with stops. Install per ADA. Trip lever located on accessible side.
P2	Lavatory. Wall mounted. HC accessible.	American Standard	Regalyn	Delta	523-HDFHGM	1-1/2"	1-1/2"	1/2"	1/2"	White enameled cast iron, 4" faucet centers. Single handle faucet with aerator, grid drain. Provide offset trap and piping protectors. Install per ADA.
P3	Bi-level Electric water cooler. HC accessible.	Elkay	EZSTL8C	-	-	1-1/2"	1-1/2"	1/2"	-	Install per ADA. Provide apron if required to meet ADA.
P4	Baptistry	-	-	-	-	3"	2"	1/2"	1/2"	-



1/P1.1 POTABLE WATER ENTRY DETAIL
SCALE: NONE



2/P1.1 TYPICAL CLEVIS HANGER DETAIL
SCALE: NONE



3/P1.1 GROUND (GRADE) CLEANOUT DETAIL
SCALE: NONE

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Mk Date Description
Revisions

PLUMBING NOTES, SCHEDULES AND DETAILS

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