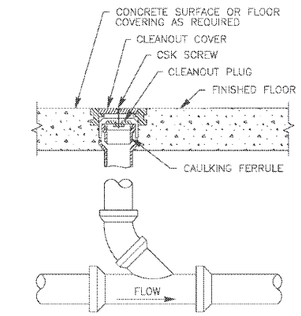
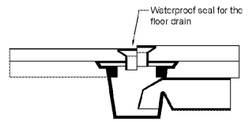
Plumbing Fixture Schedule

Fixture Type	Description	Service Connections				Comments
		Hot	Cold	Vent	Sanitary	
Lavatory Sink (S1)	Kohler "Farmington" K-2905 E.C.I. K-7436T Faucet	½"	½"	1 ¼"	1 ½"	Coordinate with Architectural
Water Closet (W1)	Kohler "Memoirs" Vitreous China, Ground Mounted and Flush Tank		¼"	2"	3"	Coordinate with Architectural
Shower (S2)	Stand-in shower, Symmons 4-500-x mixing valve& 4-131 head	½"	½"	1 ½"	3"	Coordinate with Architectural

Notes:
1. Equivalent Manufacturers are American Standard or Crane
2. Provide air chambers on all fixtures not having shock arrestors, 18" high and one pipe size larger than supply line

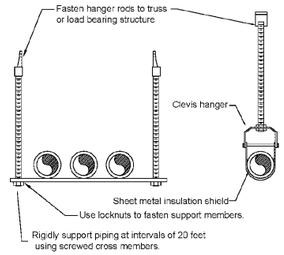


1 P0.1 Floor Clean Out
Scale: N/A

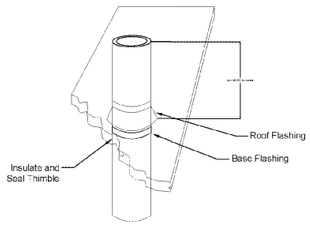


Install drain with integral trap, flush with floor.
Use schematic as a guide and follow manufacturers instructions for installation procedures

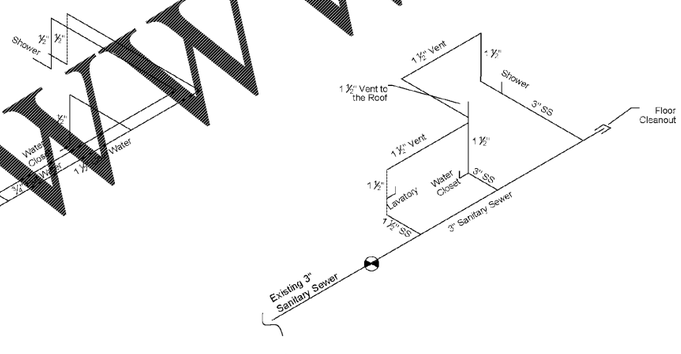
2 P0.1 Floor Drain Detail
Scale: N/A



3 P0.1 Piping Support Detail
Scale: N/A



4 P0.1 Roof Vent Penetration
Scale: N/A



5 P0.1 Plumbing Supply Riser
Scale: N/A

6 P0.1 Waste and Vent Riser
Scale: N/A

General Installation Requirements

1. Furnish all labor, materials and equipment required for the completion and operation of all systems in this section of work in accordance with all applicable codes.
2. Furnish and install complete systems of soil, waste, vent, hot and cold water piping from all plumbing fixtures and other equipment.
3. Coordinate with structural, mechanical and electrical trades to ensure no conflicts and code compliance is maintained by the systems.
4. Any substituted equipment that is submitted and approved with connections other than what is shown on drawings and schedules it is the responsibility of the contractor to provide proper connections to the equipment.
5. Copper piping shall be protected against contact with masonry or dissimilar metals. All hangers, supports, anchors and pipe shall be copper or copper plated. Where copper piping is carried on iron or steel trapeze hangers with other piping risers permanent electrolytic isolation material shall protect the copper against contact with other materials.
6. All pipe insulation shall run continuously through floors, walls and partitions.
7. Domestic water piping above slab shall be Type "L" copper. Domestic water piping below slab shall be Type "K" copper.
8. Provide deep seal traps for all floor drains.

Plumbing Installation Requirements

1. Furnish all labor, material and equipment required for the completion and operation of all systems in this section of work in accordance with applicable codes.
2. All plumbing fixtures and plumbing system equipment shall be provided complete with all accessories, hangers, drains, traps, tailpieces, risers, faucets, shipments, etc. See fixture schedule.
3. All plumbing work shall be installed in compliance with the current issue of the local and state plumbing codes and the relevant IPC/A codes.
4. All sanitary sewer piping run below ground or under floor slabs shall have a ¼" per ft pitch unless otherwise required by code or specifically noted otherwise.
5. Cleanout plugs shall be installed in accordance with plumbing code requirements. Provide cleanouts at the base of all waste stacks, at every four 45 degrees turns, and at every 100 feet. Cleanouts shall be placed in readily accessible locations.
6. All sewer piping shall be pitched for drainage with drain valves installed at the low point and manual air valves installed at the high point where required.
7. Provide access panels at required all valve locations to provide access to control valves. Coordinate for type and location.
8. All cleanouts shall have tops specifically designed to match the floor or wall finish unless otherwise specified.
9. Excluding sewer pipe inside is provided or unless otherwise noted. All supply, waste and vent risers shall be hot to waste and partitions.
10. Vents will be collected above the ceiling and extended through the roof with as few penetrations and possible. Vent penetrations shall avoid mechanical equipment. Intake air locations per code requirements.
11. Provide for access to all equipment requiring cleaning or adjustment.
12. Provide a pressure reducing valve where water main pressure entering building exceeds 80 PSI.
13. Provide full port valves in all branch lines of the hot and cold water distribution systems on ¾" and larger cold water and hot water and as shown on plans, risers and schematic details.
14. The plumbing contractor shall provide water hammer protection on all water distribution piping. Installation of air chambers or shock arrestors shall be in accordance with PDI-WH201.
15. Insulate hot and cold water piping with 1" thick fiberous insulation.

Legends, Symbols & Icons

- Domestic cold water supply
- Domestic existing cold water supply
- Domestic 120° hot water supply
- Domestic 120° hot water return
- Domestic 140° hot water supply
- Domestic 140° hot water return
- Domestic existing 140° hot water supply
- Tempered water supply
- Existing water supply
- Sanitary sewer line
- Storm drain (above ground)
- Storm drain (below ground)
- Condensate line
- Grease waste line
- Sump pump discharge
- Pipe turning down
- Pipe turning up
- Pipe capped
- Fixture supply with shut-off
- Vent line
- Drain line
- Gas supply line
- Fire line
- Wet stand pipe
- Dry stand pipe
- Main sprinkler supply
- Branch and head sprinkler
- Floor drain
- Hub drain
- Roof drain
- Floor cleanout
- End of line cloanout
- Wall cleanout
- Union
- Hose bibb
- Backflow preventer
- Fire proof wall hydrant
- Fire proof wall hydrant box
- Expansion joint
- Pipe anchor
- Trap primer
- Pipe sleeve
- Flexible connection
- Air vent (manual - auto)
- Meter
- PS.1 Pressure Sensor — Spec. Type
- HS.1 Humidity Sensor — Spec. Type
- BK.1 Boiler Kill Switch — Spec. Type
- TM.1 Thermometer — Spec. Type
- TS.1 Temperature Sensor — Spec. Type
- FS.1 Flow Switch — Spec. Type
- Gate Valve
- Ball Valve
- Butterfly Valve
- Check Valve
- Actuated Valve
- Pressure Reducer
- Pressure Safety Valve (Relief)
- Angle Valve
- Three Way Valve
- Globe Valve
- P1 Pump
- Shock arrestor (number indicates pdi size)
- Gas Cock
- Strainer
- Line Reducer
- Connect to existing at this point
- Remove to this point
- 1 Key Note Icon

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Revisions

No.	Date	Descrip.

ADDITION
FOR

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07/25/2017

Plumbing Schedules
SHEET TITLE:

P0.1
SHEET NUMBER:

PROJECT#: 1609.705
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CD

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