

PLUMBING RISER DIAGRAM  
N.T.S.

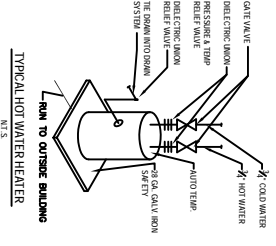
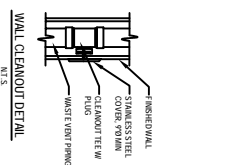
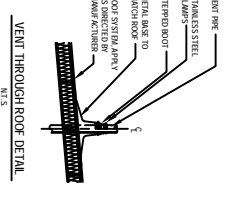
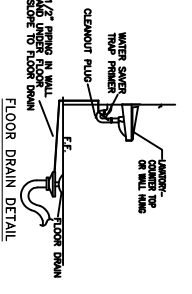
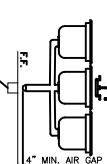
**PLUMBING NOTES**

1. PROVIDE ALL LABOR MATERIAL AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE SUPPLIES AND FITTINGS AND SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND ALL LOCAL ORDINANCES AND REGULATIONS TO VULNERABLE, CORROSION RESISTANT MATERIALS.
2. ALLOW AMPLITUDE TO COMPLY STRICTLY TO THE LATEST LOCAL CITY, STATE AND NATIONAL CONVENTION CODES.
3. CONNECTION IS TO BE MADE BY ALL EXISTING UTILITY LOCATION, ELEVATIONS AND SET POINTS TO COMPLY WITH ANY WORK. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ANY EXISTING WORK AND SET POINTS OF SERVICE AND DISMANTLE WORK AS NECESSARY.
4. CONTRACTOR TO BE RESPONSIBLE TO VERIFY ANY EXISTING WORK AND SET POINTS OF SERVICE AND DISMANTLE WORK AS NECESSARY.
5. SWAGELINES 3" AND SMALLER SHALL BE SUPPLY PIPING AND LINES 4" AND LARGER SHALL BE RISE PIPING.
6. TEST ALL PIPING AT REQUIRED PRESSURE.
7. ALL PLUMBING SHALL BE COMPLY WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL SYSTEMS TO INSURE NO INTERFERENCE WITH ANY OTHER SYSTEMS.
8. DO NOT SCALE DIMENSIONS SET DIMENSIONS ON ARCHITECTURE DRAWINGS OR EXISTING LOCATIONS OF WORK, WINDOWS, WALLS, ETC.
9. ALL WATER MAINS AND PIPING TO SHOW FOR CLARITY ALL LOCATIONS FIELD VERIFIED.
10. DOWNSTIC, HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE AS PER WATER MAINS, TYPE "E" APPROVED, ALLOY STEEL, 1/2" TO 2" DIA. THE JOINTS SHALL BE SOLDERED TO THE SLAB.
11. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SCHEDULE 40S BLACK PIPE WITH HUB AND FITTINGS WHERE ALLOWED BY CODE.
12. ALL WATER PIPING AND FITTINGS ABOVE THE FINISH FLOOR SHALL BE INSULATED WITH 1" THICK FIBERGLASS INSULATION, 1/2" THICK POLYURETHANE INSULATION, AND 1/2" THICK POLYURETHANE INSULATION. THE INSULATION SHALL BE INSTALLED WITHIN THE FINISH FLOOR AND NOT OVER THE FINISH FLOOR.
13. THROUGH FLOOR PENETRATIONS SHALL BE SEALED WITH A MINIMUM 1" DIA. OF POLYURETHANE INSULATION AND NOT OVER THE FINISH FLOOR.

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**PLUMBING FIXTURE SCHEDULE**

MARK	DESCRIPTION	TYPE	QUANTITY	NOTES
1	1/2" DIA. WATER CLOSET	WC	1	1
2	1/2" DIA. SINK	S	1	1
3	1/2" DIA. SHOWER	SH	1	1
4	1/2" DIA. SHOWER WITH TUB	SHT	1	1
5	1/2" DIA. FLOOR DRAIN	FD	1	1
6	1/2" DIA. FLOOR SINK	FS	1	1
7	1/2" DIA. FLOOR DRAIN	FD	1	1
8	1/2" DIA. FLOOR SINK	FS	1	1
9	1/2" DIA. FLOOR DRAIN	FD	1	1
10	1/2" DIA. FLOOR SINK	FS	1	1
11	1/2" DIA. FLOOR DRAIN	FD	1	1
12	1/2" DIA. FLOOR SINK	FS	1	1
13	1/2" DIA. FLOOR DRAIN	FD	1	1
14	1/2" DIA. FLOOR SINK	FS	1	1
15	1/2" DIA. FLOOR DRAIN	FD	1	1
16	1/2" DIA. FLOOR SINK	FS	1	1
17	1/2" DIA. FLOOR DRAIN	FD	1	1
18	1/2" DIA. FLOOR SINK	FS	1	1
19	1/2" DIA. FLOOR DRAIN	FD	1	1
20	1/2" DIA. FLOOR SINK	FS	1	1
21	1/2" DIA. FLOOR DRAIN	FD	1	1
22	1/2" DIA. FLOOR SINK	FS	1	1
23	1/2" DIA. FLOOR DRAIN	FD	1	1
24	1/2" DIA. FLOOR SINK	FS	1	1
25	1/2" DIA. FLOOR DRAIN	FD	1	1
26	1/2" DIA. FLOOR SINK	FS	1	1
27	1/2" DIA. FLOOR DRAIN	FD	1	1
28	1/2" DIA. FLOOR SINK	FS	1	1
29	1/2" DIA. FLOOR DRAIN	FD	1	1
30	1/2" DIA. FLOOR SINK	FS	1	1
31	1/2" DIA. FLOOR DRAIN	FD	1	1
32	1/2" DIA. FLOOR SINK	FS	1	1
33	1/2" DIA. FLOOR DRAIN	FD	1	1
34	1/2" DIA. FLOOR SINK	FS	1	1
35	1/2" DIA. FLOOR DRAIN	FD	1	1
36	1/2" DIA. FLOOR SINK	FS	1	1
37	1/2" DIA. FLOOR DRAIN	FD	1	1
38	1/2" DIA. FLOOR SINK	FS	1	1
39	1/2" DIA. FLOOR DRAIN	FD	1	1
40	1/2" DIA. FLOOR SINK	FS	1	1
41	1/2" DIA. FLOOR DRAIN	FD	1	1
42	1/2" DIA. FLOOR SINK	FS	1	1
43	1/2" DIA. FLOOR DRAIN	FD	1	1
44	1/2" DIA. FLOOR SINK	FS	1	1
45	1/2" DIA. FLOOR DRAIN	FD	1	1
46	1/2" DIA. FLOOR SINK	FS	1	1
47	1/2" DIA. FLOOR DRAIN	FD	1	1
48	1/2" DIA. FLOOR SINK	FS	1	1
49	1/2" DIA. FLOOR DRAIN	FD	1	1
50	1/2" DIA. FLOOR SINK	FS	1	1

- NOTES:**
1. ISOLATE PIPING FOR WATERTIGHT FITTINGS.
  2. ALL WATER PIPING SHALL BE INSULATED WITH 1" THICK FIBERGLASS INSULATION, 1/2" THICK POLYURETHANE INSULATION, AND 1/2" THICK POLYURETHANE INSULATION.
  3. ALL THROUGH FLOOR PENETRATIONS SHALL BE SEALED WITH A MINIMUM 1" DIA. OF POLYURETHANE INSULATION AND NOT OVER THE FINISH FLOOR.
  4. ISOLATE CONNECTIONS OVER ALL FLOOR DRAINS.