

PLUMBING GENERAL NOTES

- 1 ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH INTERNATIONAL PLUMBING CODE (IPC) CURRENTLY ADOPTED BY THE AUTHORITY HAVING JURISDICTION.
2 PLUMBING VENT PIPING SHOWN IS ONLY FOR DIAGRAMMATIC PURPOSES. COORDINATE VENT THROUGH ROOF LOCATION WITH HVAC AIR INTAKES.
3 ALL VALVES ABOVE CEILING AND IN CONCEALED SPACES SHALL BE LABELED AT CEILING TILE WITH METAL CEILING TACKS INDICATING VALVE # AND TYPE OF WATER. (i.e., BLUE-COLD WATER, LETTERING CW VLV1-001).
4 PROVIDE WATER HAMMER ARRESTORS IN ALL HW AND CW SUPPLY PIPING AS SHOWN ON WATER RISERS. INSTALL IN ACCORDANCE WITH PDI-WH01 STANDARDS. AIR CHAMBERS ARE NOT ACCEPTABLE SUBSTITUTIONS.
5 PROVIDE THERMAL INSULATION FOR HOT WATER, HOT WATER RETURN AND COLD WATER PIPING IN ACCORDANCE WITH THE ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION AND PER SPECIFICATIONS.
6 PROVIDE CLEANOUTS AT THE BASE OF EACH SANITARY STACK IN ACCORDANCE WITH INTERNATIONAL PLUMBING CODE (IPC) CURRENTLY ADOPTED BY THE AUTHORITY HAVING JURISDICTION. CLEANOUTS SHALL BE SIZED TO MATCH THE PIPING BEING SERVED. FLOOR CLEANOUTS SHALL BE SPACED AT 75'-0" MAX. ALSO PROVIDE CLEANOUTS IN HORIZONTAL CHANGE OF DIRECTIONS <45°.
7 THE MANUFACTURERS OF ALL EQUIPMENT SHOWN ARE THE BASIS OF DESIGN. SEE SPECIFICATIONS FOR OTHER ACCEPTABLE MANUFACTURERS.
8 FIRE CAULK AND SLEEVE ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES. REFER TO LIFE SAFETY PLANS FOR RATED ASSEMBLY LOCATIONS. REFER TO THE ARCHITECTURAL SHEET FOR WALL DETAILS AND UL ASSEMBLY NUMBERS.
9 COORDINATE UNDERGROUND PIPING INVERT ELEVATIONS WITH STRUCTURAL FOOTING ELEVATIONS AND CIVIL INVERT CONNECTIONS PRIOR TO ANY UNDERGROUND PIPING INSTALLATIONS. IF FOOTINGS ARE IN CONFLICT AND WHERE A PIPING ROLL DOWN IS NOT POSSIBLE, COORDINATE WITH GENERAL CONTRACTOR FOR DROPS IN FOOTINGS AS REQUIRED.
10 VALVES AND FITTINGS SHALL BE THE SAME SIZE AS THE PIPING WHERE THEY ARE LOCATED UNLESS NOTED OTHERWISE.
11 THE CONTRACTOR SHALL ROUGH IN ALL WASTES AND WATER SUPPLIES FOR FIXTURES AND PERFORM FINAL CONNECTIONS AS NEEDED.
12 ALL FLOOR DRAINS SHALL BE PROVIDED WITH TRAP PRIMER CONNECTIONS. UNLESS NOTED OTHERWISE.
13 ALL FLOOR DRAINS AND FLOOR SINKS SHALL BE PROVIDED WITH A TRAP GUARD UNLESS NOTED OTHERWISE.
14 ALL FLOOR/ROOF DRAINS SHALL BE PROTECTED FOR THE DURATION OF THE PROJECT. IF ANY DRAINS ARE FOUND TO CONTAIN DEBRIS THE CONTRACTOR SHALL CLEAN AND SCOPE THE DRAIN SYSTEM AT NO ADDITIONAL CHARGE TO THE OWNER.
15 THE CONTRACTOR SHALL ROUGH IN ALL WASTES AND WATER SUPPLIES FOR FIXTURES AND PERFORM FINAL CONNECTIONS AS NEEDED.
16 ALL FLUSH VALVE WATER CLOSETS SHALL BE ROUGHED IN SO THAT THE FLUSH VALVE HANDLE IS TO THE WIDE SIDE OF THE ROOMSTALL.
17 THIS FACILITY SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES.
18 WHERE WATER PRESSURE WITHIN THE BUILDING EXCEEDS 80 PSI STATIC, THE CONTRACTOR SHALL INSTALL AN APPROVED WATER PRESSURE REDUCING VALVE CONFORMING TO ASSE 1003 WITH STRAINER. CONTRACTOR SHALL SET PRESSURE AT 60 PSI.
19 REGARDLESS OF HOW PIPING IS PRESENTED ON THE DRAWINGS, PROVIDE ECCENTRIC (FLAT ON TOP) REDUCERS IN HOT AND COLD DOMESTIC WATER PIPING.
20 CONDENSATE PIPING FROM THE DOWN STREAM OF THE HUB DRAIN SHALL BE A HUBLESS CAST IRON SYSTEM.
21 ALL DEVICES, EQUIPMENT, VALVES, ETC. THAT REQUIRE ACCESS SHALL NOT BE LOCATED ABOVE WOOD OR GYPSUM CEILINGS. COORDINATE WITH THE ARCHITECTURAL REFLECTED CEILING PLAN FOR ACCESSIBLE CEILING LOCATIONS OR ACCESS PANELS. PROVIDE ACCESS DOORS IN INACCESSIBLE CEILINGS TO ACCESS MEP DEVICES ABOVE CEILINGS NOT OTHERWISE ACCESSIBLE.

PLUMBING SYMBOLS

RISER DIAGRAM COMPONENTS AND SPECIALTIES

Table with 2 columns: SYMBOL and DESCRIPTION. Lists symbols for Backflow Preventer, Emergency Eye Wash Station, Emergency Shower, Shock Arrestor, Vacuum Breaker, Vent Through Roof, Trap Arm, Urinal / Water Closet (Wall Mounted), Urinal / Water Closet (Floor Mounted), Floor / Roof Drain, Clean Out (Wall / Pipe), and Clean Out (Floor).

PIPING SYMBOLS

Table with 2 columns: SYMBOL and DESCRIPTION. Lists symbols for Natural Gas Piping.

COMPONENTS AND SPECIALTIES

Table with 2 columns: SYMBOL and DESCRIPTION. Lists symbols for Backwater Valve, Backflow Preventer (Dual Check Type), Backflow Preventer (Reduced Pressure Type), Clean Out (Wall / Pipe), Clean Out (Floor), Cold Water Interior Hose Bib, Exterior Wall Hydrant (Freeze Proof), Hose End Drain Valve, Area Drain, Floor Drain, Floor Drain with Trap Priming Line, Floor Sink, Roof Drain, Roof Overflow Drain, RO / DI Water Outlet, Emergency Eyewash (Handheld), Shock Arrestor with Access Door, Tempering Valve, and Water Meter.

PLUMBING ABBREVIATIONS

Table with 2 columns: ABBREVIATION and DESCRIPTION. Lists abbreviations such as BCFWR, BCWS, BO, BTU, BTUH, CA, CBD, CC, CF, CFM, CHEL, CHR, CHS, CO, CW, DHR, DHS, DIA, DW, EA, ED, EJ, #2FOR, #2FOS, #6FOR, #6FOS, F, F&T, FD, FDV, FF, FFE, FFO, FFOO, FFOOCT, FFOOCT, FFOOCT, FFOOCT, G, GAL, GPH, GPM, HPR, HPS, HR, HRR, HRS, HS, HTHW, HTWR, HW, HWR, IA, KW, LP, LPG, LPR, LPS, MAV, MBH, MCC, MOD, MPR, MPS, NA, NC, NO, N, NPSH, OD, PA, P, PCR, PPH, PSIG, RA, RDR, RPM, RV, RX, SA, SAN, SS, SSUL, STDR, SW, TW, TYP, VD, VFD, VSD, VTR.

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Scale table with columns for Scale and Drawing No.

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DRAWING TITLE: PLUMBING NOTES, SYMBOLS, AND ABBREVIATIONS

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SCALES AS STATED HEREON ARE VALID ON THE ORIGINAL DRAWING. THE DIMENSIONS OF WHICH ARE BEING PLOTTED. THE SCALES OF THIS NOTE SHALL BE CHANGED BY THE RATIO OF THE OVERALL SHEET DIMENSIONS OF THE PRINT TO CORRESPONDING DIMENSIONS OF THE ORIGINAL DRAWING.

Table with columns: DATE, PROJECT NO, DRAWING NO. Values: 01/31/2020, 6919.5, P-001

P-001

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