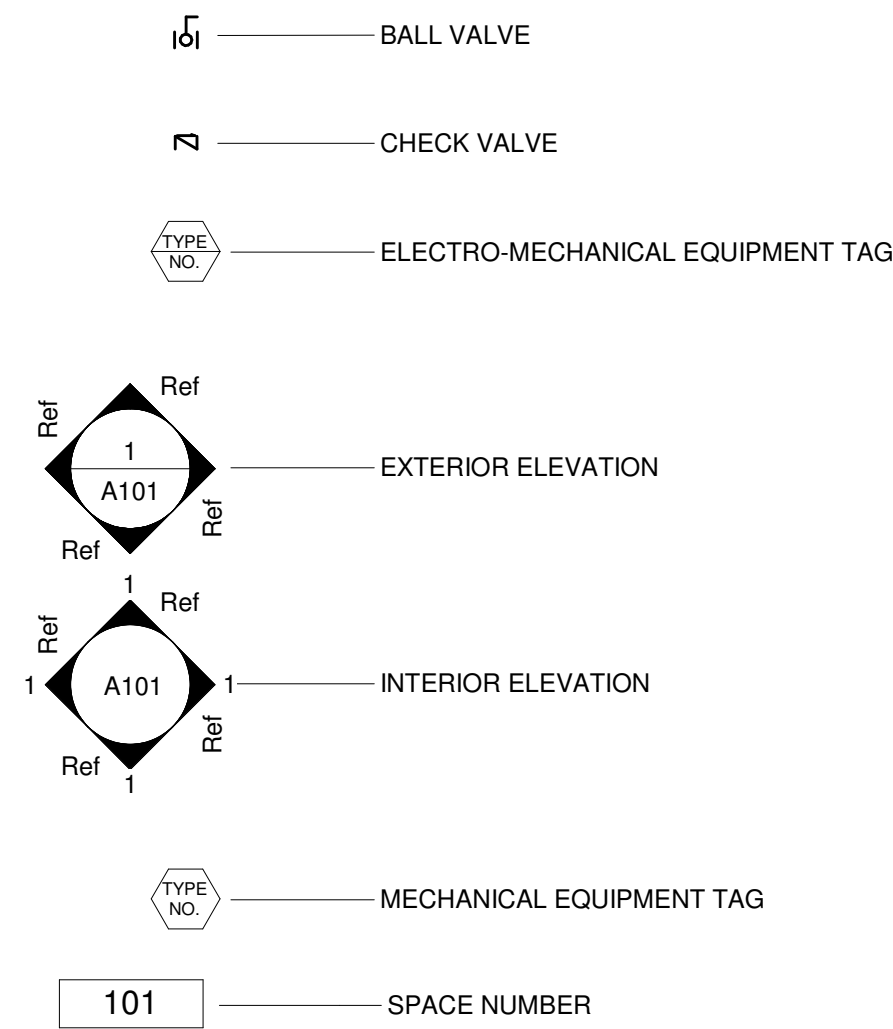


PLUMBING SYMBOLS



PLUMBING ABBREVIATIONS

B	BUILDING CLEANOUT
BCO	BUILDING CLEANOUT
C	CONDENSATE DRAIN
CD	CLEAN OUT
CO	CLEAN OUT
CWFU	COLD WATER FIXTURE UNIT
D	DOMESTIC COLD WATER
DW	DOMESTIC HOT WATER
DHW	DOMESTIC HOT WATER RETURN
DHWR	DOWN
DN	DRAIN WASTE VENT
DWV	DRAIN WASTE VENT
F	FLOOR CLEAN OUT
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
H	HOT WATER FIXTURE UNIT
HWFU	HOT WATER FIXTURE UNIT
KS	KITCHEN SINK
S	SANITARY
SAN	SANITARY
V	VENT
VTR	VENT THROUGH ROOF
W	WASTE FIXTURE UNIT
WFU	WASTE FIXTURE UNIT
WH	WALL HYDRANT
WHA	WATER HAMMER ARRESTOR

PLUMBING SYSTEM DESCRIPTION

DOMESTIC WATER TO THE SECOND, THIRD, AND FOURTH FLOORS WILL BE FROM THE EXISTING BUILDING COLD WATER SERVICE. EACH FLOOR WILL HAVE AN ELECTRIC-RESISTANCE 30-GALLON DOMESTIC HOT WATER TANK IN THE THIRD FLOOR EQUIPMENT MEZZANINE SERVING THEIR RESPECTIVE BATHROOMS AND KITCHENETTES. SANITARY PIPING WILL CONNECT TO THE EXISTING MAIN BUILDING SANITARY CONNECTION PRIOR TO LEAVING THE BUILDING. SANITARY VENT WILL BE A NEW PENETRATION THROUGH THE ROOF, UNLESS IT IS POSSIBLE TO CONNECT TO THE EXISTING BUILDING VENT (LOCATION TBD).

PLUMBING GENERAL NOTES

- GENERAL NOTES ON THIS DRAWING ARE APPLICABLE TO EACH PLUMBING DRAWING OF THIS SET. SEE EACH DRAWING FOR SPECIFIC NOTES APPLICABLE TO THAT DRAWING.
- DESIGN IN ACCORDANCE WITH MAINE UNIFORM BUILDING AND ENERGY CODE.
- 2009 INTERNATIONAL ENERGY CONSERVATION CODE.
- 2009 INTERNATIONAL MECHANICAL CODE.
- 2009 UNIFORM PLUMBING CODE.
- ASHRAE 90.1 2010.
- OVERHEAD PIPING IN SPACES WITHOUT HUNG CEILINGS SHALL BE RUN AS CLOSE TO THE ROOF DECK AS PRACTICABLE, AS CLOSE TO PARALLEL JOISTS AS POSSIBLE AND ABOVE LIGHTING FIXTURES.
- ARRANGE PIPING, PARTICULARLY ABOVE CEILINGS, ARE REQUIRED TO CLEAR STRUCTURE, DUCTS, CONDUIT, ETC. ALLOWING SPACE FOR PIPE HANGERS, EXPANSION LOOPS, AND ACCESS TO VALVES AND EQUIPMENT.
- THE DIAMETER OF THE SUPPLY PIPE TO GAS POWERED EQUIPMENT SHALL NOT BE SMALLER THAN THE INLET CONNECTION TO THE EQUIPMENT.
- COORDINATE LOCATION AND INSTALLATION OF EQUIPMENT WITH OTHER TRADES.
- VALVES AND SPECIALTIES SHALL BE LINE SIZE, EXCEPT FOR CONTROL AND BALANCING VALVES, UNLESS NOTED OTHERWISE.
- EXTEND DRAIN LINES TO NEAREST FLOOR DRAIN OR AS INDICATED. ROUTING SHALL NOT INTERFERE WITH PASSAGeways AND MAINTENANCE.
- FOR PIPE SIZES NOT INDICATED ON PLANS, SEE EQUIPMENT CONNECTION DETAILS, FLOW DIAGRAMS, RISER DIAGRAMS, AND SCHEDULES.
- PROVIDE UNION OR FLANGED CONNECTIONS AT EACH PIECE OF EQUIPMENT AND ON BOTH SIDE OF CONTROL VALVES AND PRESSURE REGULATING VALVES. PROVIDE SHUT-OFF VALVE ON BOTH SIDE OF AUTOMATIC VALVES.
- RELIEF DRAIN PIPING SHALL BE EXTENDED TO 6" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
- FLOOR MOUNTED EQUIPMENT IN THE MECHANICAL ROOM SHALL BE LOCATED ON 6" THICK CONCRETE PADS WITH ROUNDED EDGES UNLESS NOTED OTHERWISE.
- PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH THE SPECIFICATION. ADDITIONAL SUPPORTS OR HANGERS SHALL BE ADJACENT TO ELBOWS TO PREVENT THE SUPPORT OF PIPING BY EQUIPMENT.
- CORRECT SETTING ON BALANCING FITTINGS SHALL BE PERMANENTLY MARKED.
- LOCATE AND SIZE CONCRETE PADS FOR EQUIPMENT IN ACCORDANCE WITH ACTUAL EQUIPMENT PURCHASED.
- MAKE PROPER CONNECTIONS TO ALL FIXTURES AND EQUIPMENT EVEN THOUGH ALL BRANCHES, ELBOWS AND CONNECTIONS ARE NOT SHOWN.
- COORDINATE WITH ARCHITECTURAL WORKING DRAWINGS BEFORE ROUGH-IN OF PLUMBING FIXTURES.
- UNLESS OTHERWISE NOTED, PIPING SHALL BE RUN AS HIGH AS POSSIBLE, CONCEALED ABOVE CEILINGS, IN WALLS AND PARTITIONS, AND IN PIPE CHASES.
- SLOPES AND INVERT ELEVATIONS SHALL BE ESTABLISHED BEFORE PIPE IS INSTALLED TO ENSURE CLEARANCE FOR PROPER SLOPING.
- WALL HYDRANTS SHALL BE MOUNTED 24" ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
- COORDINATE WORK WITH OTHER TRADES SO AS NOT TO DISTURB NEW OR REPAIRED FINISHES.
- SLOPES AND INVERT ELEVATIONS OF EXTERIOR SEWERS, MANHOLES, ETC. SHALL BE ESTABLISHED AND VERIFIED BY THE CONTRACTOR BEFORE PIPE IS INSTALLED TO ENSURE CLEARANCE FOR PROPER SLOPING.
- SLOPING.

REVISIONS:

No.	Name	Date

ISSUED:

PROJECT No: 17-029
DRAWN BY: JPS
CHECKED BY: SMB

SHEET TITLE:
PLUMBING LEGEND