## PLUMBING LEGEND

| SYMB | ANNOT | ABBR | DESCRIPTION |
|---|---|---|---|
| | | AFR | ABOVE FINISHED FLOOR |
| | | AFG | ABOVE FINISHED GRADE |
| | | AG | ABOVE GRADE |
| | | ADA | AMERICANS WITH DISABILITY ACT |
| | | AV | ANGLE VALVE |
| | | AQST | AQUASTAT |
| | | AD | AREA DRAIN |
| | | AWB | AUTOMATIC WASHING MACHINE WALL BOX |
| | | BV | BACKFLOW PREVENTER |
| | | BLV | BALANCING VALVE |
| | | BV | BALL VALVE |
| | | BS | BAR SINK |
| | | BT | BATHTUB |
| | | BG | BELOW GRADE |
| | | BLSB | BELOW SLAB |
| | | BF | BLIND FLANGE |
| | | B | BOILER |
| | | BP | BOOSTER PUMP |
| | | BOB | BOTTOM OF BEAM |
| | | BOP | BOTTOM OF PIPE |
| | | BLDG | BUILDING |
| | | BFV | BUTTERFLY VALVE |
| | | | CAP |
| | | CFF | CAP FOR FUTURE |
| | | CI | CAST IRON |
| | | CB | CATCH BASIN |
| | | CV | CHECK VALVE |
| | | CP | CIRCULATION PUMP, INLINE PUMP |
| | | CO | CLEAN OUT |
| | | COG | CLEAN OUT TO GRADE |
| | | CW | COLD WATER |
| | | CONT | CONTINUATION |
| | | CONC. | CONCRETE |
| | | CU | COPPER |
| | | D | DRAIN LINE |
| | | DEMO | DEMOLISH |
| | | DI | DIAMETER |
| | | DP | DIFFERENTIAL PRESSURE |
| | | DW | DISHWASHER |
| | | DCV | DOUBLE CHECK VALVE |
| | | DC-BPA | DOUBLE CHECK VALVE BACKFLOW |
| | | | PREVENTION ASSEMBLY |
| | | DCD-BPA | DOUBLE CHECK VALVE DETECTOR |
| | | | BACKFLOW PREVENTION ASSEMBLY |
| | | DN | DOWN |
| | | DS | DOWNSPOUT |
| | | DSN | DOWNSPOUT NOZZLE |
| | | DFU | DRAINAGE FIXTURE UNITS |
| | | DWV | DRAINAGE, WASTE AND VENT |
| | | DWG | DRAWING |
| | | DF | DRINKING FOUNTAIN, WATER FOUNTAIN |
| | | | ELBOW |
| | | EWC/H | ELECTRIC WATER HEATER/COOLER |
| | | ELV | ELEVATION |
| | | EEW | EMERGENCY EYE WASH STATION |
| | | E | EXISTING |
| | | | EXPANSION JOINT |

## PLUMBING LEGEND

| SYMB | ANNOT | ABBR | DESCRIPTION |
|---|---|---|---|
| | | ET | EXPANSION TANK |
| | | FH | FIRE HYDRANT |
| | | FLT | FILTER, FILTERED |
| | | FF | FINISHED FLOOR |
| | | FG | FINISHED GRADE |
| | | FDV | FIRE DEPARTMENT VALVE |
| | | FDVC | FIRE DEPARTMENT VALVE CABINET |
| | | | FLEXIBLE CONNECTION |
| | | FL | FLOOR |
| | | FCO | FLOOR CLEAN OUT |
| | | FD | FLOOR DRAIN |
| | | FS | FLOOR SINK |
| | | | FLOW DIRECTION |
| | | FOV | FUEL OIL VENT |
| | | FOF | FUEL OIL FILL |
| | | FOS | FUEL OIL SUPPLY |
| | | FOR | FUEL OIL RETURN |
| | | G | GAS, NATURAL GAS (7" W. C.) |
| | | GPF | GALLONS PER FLUSH |
| | | GPM | GALLONS PER MINUTE |
| | | GD | GARBAGE DISPOSAL |
| | | GV | GATE VALVE |
| | | GLV | GLOBE VALVE |
| | | GI | GREASE INTERCEPTOR |
| | | GW | GREASE WASTE |
| | | HD | HUB DRAIN |
| | | HDR | HEADER |
| | | HOR | HORIZONTAL |
| | | HB | HOSE BIBB |
| | | HT | HEAT TRACE |
| | | HW | HOT WATER |
| | | HWR | HOT WATER RETURN |
| | | IMOB | ICE MAKER OUTLET BOX |
| | | IWH | INDIRECT WATER HEATER |
| | | IHD | INSTANT HOT WATER DISPENSER |
| | | IRR | IRRIGATION |
| | | KS | SINK, KITCHEN SINK |
| | | LV | LAVATORY |
| | | LG | LOW PRESSURE GAS |
| | | MFR | MANUFACTURER |
| | | MG | MEDIUM PRESSURE GAS (2 TO 5 PSIG) |
| | | MMV | MASTER MIXING VALVE |
| | | NFHB | NON FREEZE CW HOSE BIBB |
| | | NFHB | NON FREEZE HW & CW HOSE BIBB |
| | | NPW | NON POTABLE WATER |
| | | NDTS | NOT DRAWN TO SCALE |
| | | OWS | OIL WATER SEPARATOR |
| | | OS&W | OUTSIDE SCREW AND YOKE VALVE |
| | | OD | OVERFLOW (RAIN) DRAIN |
| | | OFCI | OWNER FINISHED, CONTRACTOR INSTALLED |
| | | OFOI | OWNER FINISHED, OWNER INSTALLED |
| | | | PIPE DOWN |
| | | | PIPE UP |
| | | PV | PLUG VALVE |
| | | POC | POINT OF CONNECTION, TIE-POINT |
| | | POD | POINT OF DISCONNECT |
| | | PTRV | PRESSURE AND TEMPERATURE RELIEF VALVE |

## PLUMBING LEGEND

| SYMB | ANNOT | ABBR | DESCRIPTION |
|---|---|---|---|
| | | MS | MOP SINK, SERVICE SINK |
| | | | PRESSURE GAUGE |
| | | PRV | PRESSURE REDUCING VALVE |
| | | PRV | PRESSURE RELIEF VALVE |
| | | PD | PUMPED DRAIN, PUMPED DISCHARGE |
| | | PW | PUMPED WASTE |
| | | RCP | RECIRCULATION PUMP |
| | | RPBPA | REDUCED PRESSURE BACKFLOW |
| | | | PREVENTION ASSEMBLY |
| | | RPDBPA | REDUCED PRESSURE DETECTOR |
| | | | BACKFLOW PREVENTION ASSEMBLY |
| | | | RISER |
| | | RD | ROOF DRAIN, RAIN DRAIN |
| | | RH | ROOF HYDRANT |
| | | SW | SANITARY WASTE |
| | | ST | SEPTIC TANK |
| | | SWEP | SEWAGE EJECTOR PUMP |
| | | SH | SHOWER |
| | | SOV | SHUT OFF VALVE |
| | | S | SINK, PUBLIC AREA SINK |
| | | SS | STAINLESS STEEL |
| | | | STRAINER |
| | | SP | SUMP PUMP |
| | | TWH | TANKLESS WATER HEATER |
| | | | TEE |
| | | | TEE DOWN |
| | | | TEE UP |
| | | T&P | TEMPERATURE AND PRESSURE |
| | | TPRV | TEMPERATURE AND PRESSURE RELIEF VALVE |
| | | | TEMPERATURE GAUGE |
| | | TMV | THERMOSTATIC MIXING VALVE |
| | | TBD | TO BE DECIDED / DETERMINED |
| | | TP | TRAP PRIMER |
| | | TD | TRENCH DRAIN |
| | | | UNION |
| | | UTR | UP THROUGH ROOF |
| | | UR | URINAL |
| | | | VALVE IN RISER (TYPE AS NOTED IN DWG) |
| | | VFD | VARIABLE FREQUENCY DRIVE |
| | | V | VENT |
| | | VTR | VENT THROUGH ROOF |
| | | VER | VERTICAL |
| | | WB | WALL BOX, WATER BOX |
| | | WC | WATER CLOSET |
| | | WHA | WATER HAMMER ARRESTOR |
| | | WH | WATER HEATER |
| | | WM | WATER METER |
| | | WSFU | WATER SUPPLY FIXTURE UNITS |

PLUMBING SHEET INDEX

| SHEET # | SHEET NAME | REVISION | REVISION DESCRIPTION | REVISION DATE |
|---|---|---|---|---|
| P00.01 | PLUMBING SCHEDULES | 3 | AB-01 | 09/27/2019 |
| P00.02 | PLUMBING SCHEDULES | 3 | AB-01 | 09/27/2019 |
| P02.00 | PLUMBING ALL PLAN BELOW GRADE | 3 | AB-01 | 09/27/2019 |
| P02.01 | PLUMBING W&V PLAN LEVEL 1 | 3 | AB-01 | 09/27/2019 |
| P02.02 | PLUMBING W&V PLAN LEVEL 2 | 3 | AB-01 | 09/27/2019 |
| P02.03 | PLUMBING W&V PLAN LEVEL 3 | 3 | AB-01 | 09/27/2019 |
| P02.04 | PLUMBING W&V PLAN LEVEL 4 | 3 | AB-01 | 09/27/2019 |
| P02.05 | PLUMBING W&V PLAN LEVEL 5 | 3 | AB-01 | 09/27/2019 |
| P02.06 | PLUMBING W&V PLAN LEVEL 6 | 3 | AB-01 | 09/27/2019 |
| P02.07 | PLUMBING W&V PLAN LEVEL 7 | 3 | AB-01 | 09/27/2019 |
| P02.08 | PLUMBING W&V PLAN LEVEL 8 | 3 | AB-01 | 09/27/2019 |
| P02.09 | PLUMBING W&V PLAN ROOF | 3 | AB-01 | 09/27/2019 |
| P03.01 | PLUMBING WATER PLAN LEVEL 1 | 3 | AB-01 | 09/27/2019 |
| P03.02 | PLUMBING WATER PLAN LEVEL 2 | 3 | AB-01 | 09/27/2019 |
| P03.03 | PLUMBING WATER PLAN LEVEL 3 | 3 | AB-01 | 09/27/2019 |
| P03.04 | PLUMBING WATER PLAN LEVEL 4 | 3 | AB-01 | 09/27/2019 |
| P03.05 | PLUMBING WATER PLAN LEVEL 5 | 3 | AB-01 | 09/27/2019 |
| P03.06 | PLUMBING WATER PLAN LEVEL 6 | 3 | AB-01 | 09/27/2019 |
| P03.07 | PLUMBING WATER PLAN LEVEL 7 | 3 | AB-01 | 09/27/2019 |
| P03.08 | PLUMBING WATER PLAN LEVEL 8 | 3 | AB-01 | 09/27/2019 |
| P03.09 | PLUMBING WATER PLAN ROOF | 3 | AB-01 | 09/27/2019 |
| P06.00 | PLUMBING DETAILS | 3 | AB-01 | 09/27/2019 |
| P06.01 | PLUMBING DETAILS | 3 | AB-01 | 09/27/2019 |
| P07.00 | PLUMBING W&V RISER DIAGRAMS | 3 | AB-01 | 09/27/2019 |
| P07.01 | PLUMBING W&V RISER DIAGRAMS | 3 | AB-01 | 09/27/2019 |
| P07.02 | PLUMBING W&V RISER DIAGRAMS | 3 | AB-01 | 09/27/2019 |
| P07.03 | PLUMBING W&V RISER DIAGRAMS | 3 | AB-01 | 09/27/2019 |
| P07.04 | PLUMBING W&V RISER DIAGRAMS | 3 | AB-01 | 09/27/2019 |
| P07.05 | PLUMBING W&V RISER DIAGRAMS | 3 | AB-01 | 09/27/2019 |
| P07.06 | PLUMBING STORM RISER DIAGRAM | 3 | AB-01 | 09/27/2019 |
| P07.07 | PLUMBING WATER RISER DIAGRAM | 3 | AB-01 | 09/27/2019 |

**City Of Portland**

**REVIEWED FOR CODE COMPLIANCE**

Date: 02/11/20

Project: 19-106743-REV-01-CO


American Heating, Inc.
PORT. INC. OR 97202-4705
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08/23/18
B. SHEA
J. LOVELL
418309

REGISTERED PROFESSIONAL ENGINEER 80947PE
DIGITALLY SIGNED
STATE OF OREGON
JAMES SCOTT FRAZIER
RENEWS: 12-31-2019
NOT FOR CONSTRUCTION UNLESS SIGNED

**18S**

GREYSTAR
1715 SW Salmon St
Portland, OR 97205

REVISIONS

| | | |
|---|---|---|
| A | PERMIT RESPONSE 1 | 06/03/2019 |
| B | PERMIT RESPONSE 2 | 08/09/2019 |
| 3 | AB-01 | 09/27/2019 |

CHECKED BY: Checker
ISSUE DATE: 27 SEP 2019
PROJECT NO: 1803002

**PLUMBING LEGEND**

**P00.00**

**CONSTRUCTION SET**

10/31/2019 1:05:12 PM