



**PLUMBING LEGEND**

- CW - DOMESTIC WATER - COLD
- HW - DOMESTIC WATER - HOT
- HWR - HOT WATER RETURN
- ROW - REVERSE OSMOSIS WATER
- ROWR - REVERSE OSMOSIS WATER RETURN
- DET - DETERGENT
- MA - MEDICAL AIR
- FD - FLOOR DRAIN
- FCO - FLOOR CLEAN OUT
- WCO - WALL CLEAN OUT
- S - SANITARY SEWER
- V - VENT
- RPBP - REDUCED PRESSURE BACKFLOW PREVENTER
- N.O. - NORMALLY OPEN
- N.C. - NORMALLY CLOSED

**GENERAL**

- TIE-IN POINT
- BALL VALVE
- BALANCE VALVE
- CHECK VALVE

**LEGEND**

- PLUMBING FIXTURES**
- P-103 TOILET
  - P-403 LAVATORY
  - P-404 LAVATORY
  - P-418 LAVATORY
  - P-502 MOP BASIN
  - P-528 KITCHEN SINK
  - P-703 SHOWER FITTING
  - P-707 EMERGENCY SHOWER
  - P-708 EMERGENCY EYEWASH
  - P-804 HOSE BIBB
  - P-811 MIXING VALVE
  - P-813 WATER GUN (DECK-MNTD FAUCET)
- PROCESS EQUIPMENT**
- EQ-1 ENDOSCOPE REPROCESSOR
  - EQ-2 WASHER DISINFECTOR
  - EQ-3 ELECTRIC STEAM GENERATOR
  - EQ-4a AIR GUN
  - EQ-4b AIR GUN W/ADJACENT VAC OUTLET
  - EQ-5 HEAT SEALER
  - EQ-6 ICE MAKER
  - EQ-7 PREPROCESSING SINK
  - EQ-8 GAS STERILIZER
  - EQ-9 CART WASHER, MAIN CABIN
  - EQ-10 CART WASHER, SUPPLY TANK
  - EQ-11 ULTRASONIC CLEANER
  - EQ-12 DECONTAMINATION WORK SINK
  - EQ-13 STEAM STERILIZER

**KEYED NOTES**

- CONNECT 1/2" DETERGENT LINE TO DETERGENT DISPENSER, ROUTE DETERGENT TUBING THROUGH CONDUIT TO ASSOCIATED EQUIPMENT. REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT RUNS. CONDUIT PROVIDED BY OTHERS.
- SHUT-OFF VALVE IN DROP TO EQUIPMENT. (TYPICAL EACH SERVICE AND FOR EACH PIECE OF EQUIPMENT.)
- FOR FUTURE USE. STUB-OUT TO BE FITTING MAKE-UP.
- 1/2" HOT WATER SERVICE TO DETERGENT EQUIPMENT. SHUT-OFF VALVE AND FINAL CONNECTION BY OTHERS.
- NOT USED.
- PROVIDE SINGLE DECK-MOUNTED WATER VALVE WITH WATER GUN AND FLEXIBLE HOSE. (P-813)
- TDS ALARM. SEE PL504 WATER TREATMENT FLOW DIAGRAM.

**GENERAL NOTES**

- REVERSE OSMOSIS WATER PIPING SHALL BE MADE UP OF 45° ELBOWS. DO NOT USE 90° ELBOWS.
- PROVIDE CIRCULATING LOOP PIPING FOR REVERSE OSMOSIS WATER.
- PROVIDE WHITE POLYPROPYLENE WITH FUSION JOINTS AND STAINLESS STEEL VALVES.



**BASEMENT PLAN - DOMESTIC WATER**  
SCALE: 1/8" = 1'-0"

<b>CONSULTANTS:</b>		<b>ARCHITECT/ENGINEERS:</b>		<b>BASEMENT PLAN DOMESTIC WATER PIPING</b>		<b>STERILE PROCESSING AND DISTRIBUTION</b>		<b>Office of Construction and Facilities Management</b>	
STRUCTURAL ENGINEER (SPD): GREGORY P. LUTH & ASSOCIATES, INC. 3350 SCOTT BOULEVARD, BUILDING 48 SANTA CLARA, CA 95054 CONC: 2003015159		MECHANICAL/ELECTRICAL: KJWW ENGINEERING CONSULTANTS - ST. LOUIS 1709 WASHINGTON AVE, LOFT 300 ST. LOUIS, MO 63103 CONC: 1004010734		THE SEAL (S) AND SIGNATURE(S) APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED, AND WE EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT. © COPYRIGHT 2012 CHRISTNER INC.		Location <b>HARRY S. TRUMAN VAMC</b>		Project Number <b>589-321</b>	
STRUCTURAL ENGINEER (ELEVATORS): KPF CONSULTING ENGINEERS - ST. LOUIS 1630 DES PERES RD # 100 ST. LOUIS, MO 63131 CONC:		ACOUSTICAL ENGINEER: ACOUSTIC CONTROL 1709 WASHINGTON AVE, LOFT 300 ST. LOUIS, MO 63103 ESTIMATING: KJWW ENGINEERING GROUP, LLC 1204 WASHINGTON AVE, SUITE 200 ST. LOUIS, MO 63103		Approved: Medical Center Director		Date 1/13/12		Building Number <b>1</b>	
2 JUL 02, 2013 AMMENDMENT #4		FIRE SPRINKLER: CODE CONSULTANTS INCORPORATED 2043 WOODLAND PARKWAY, SUITE 300 ST. LOUIS, MISSOURI 63146 CONC: 100419		Approved: Chief of O.R.		Checked CKF		Drawing Number <b>PL101</b>	
1 JUL 01, 2013 AMMENDMENT #3		ESTIMATING: KJWW ENGINEERING GROUP, LLC 1204 WASHINGTON AVE, SUITE 200 ST. LOUIS, MO 63103		Approved: Chief of SPD		Drawn JGM		Dwg. 46 of 95	
No. Date Revisions		ESTIMATING: KJWW ENGINEERING GROUP, LLC 1204 WASHINGTON AVE, SUITE 200 ST. LOUIS, MO 63103		Approved: Director of Facilities Management		Approved		Department of Veterans Affairs	
		ESTIMATING: KJWW ENGINEERING GROUP, LLC 1204 WASHINGTON AVE, SUITE 200 ST. LOUIS, MO 63103		Approved: Infection Control Nurse Practitioner					