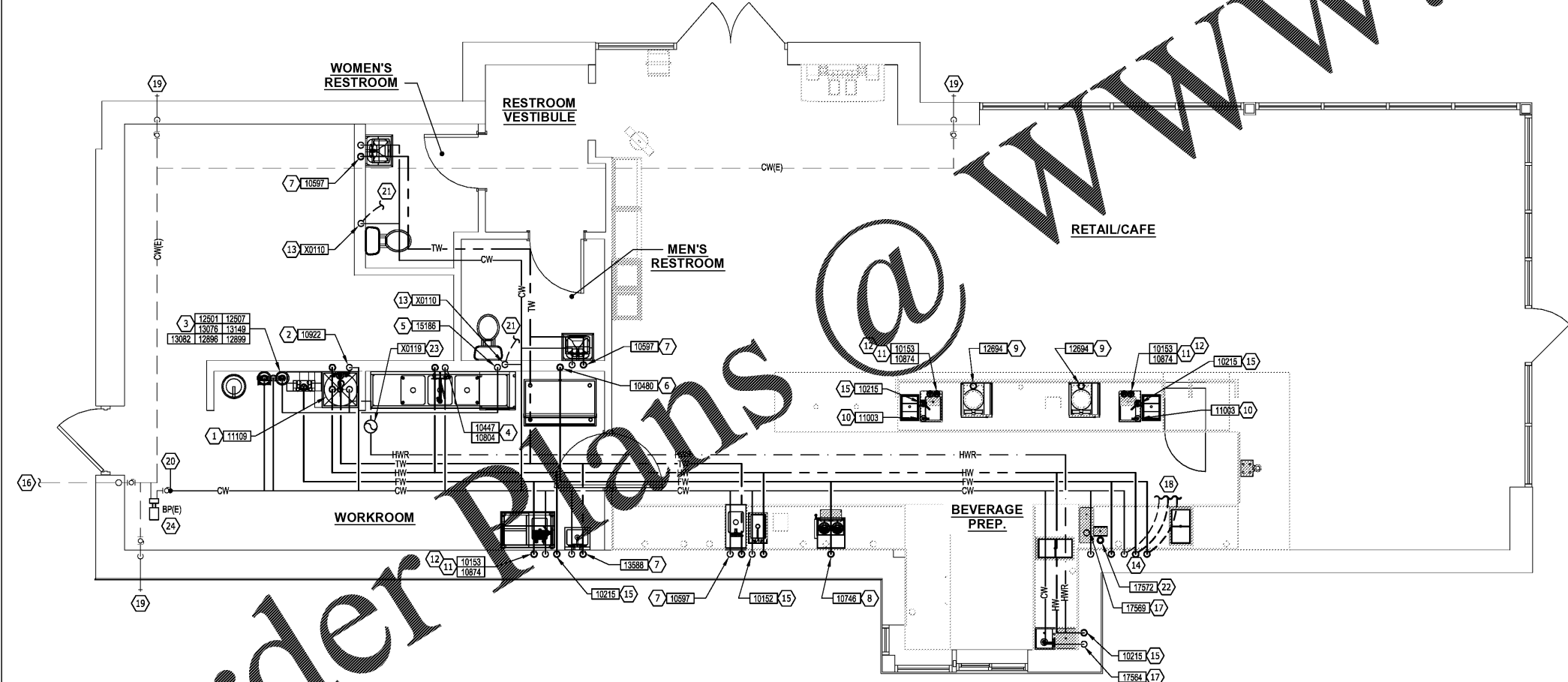
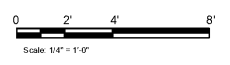


DOMESTIC WATER SINGLE LINE SCHEMATIC



DOMESTIC WATER PLAN
SCALE: 1/4" = 1'-0"



GENERAL NOTES:

- A. FURNISH AND INSTALL A COMPLETE AND OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.
- B. PLUMBING CONTRACTOR RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL FULL SCOPE OF WORK.
- C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL PLUMBING EQUIPMENT.
- D. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- E. REFER TO DETAIL SHEETS FOR PLUMBING FITTINGS LOCATED IN CASEWORK.
- F. COLD WATER SUPPLY LINES INSIDE CASEWORK AND BAR AREA TO BE COVERED WITH 1/2" THICK SELF SEALING, SECTIONAL CLOSED-CELL FOAM INSULATION. REFER TO SPECIFICATIONS FOR HOT WATER SUPPLY LINE INSULATION REQUIREMENTS.
- G. CONTRACTOR SHALL CONTACT WATER FILTER SUPPLIER 7 DAYS (MINIMUM) BEFORE THE TIME THAT THE FILTER SYSTEM IS TO BE STARTED UP.

KEYED NOTES:

1. PIPE 3/4" HOT WATER TO WATER HEATER AND 3/4" SOFT WATER TO THERMOSTATIC MIXING VALVE. PIPE 1" HOT WATER AND 1/2" TEMPERED WATER FROM WATER HEATER. WATER HEATER AS SPECIFIED ON SHEET P002. REFER TO WATER HEATER DETAIL ON SHEET P501.
2. 1/2" HOT WATER AND 1/2" COLD WATER TO FAUCET WITH INTEGRAL ASSE 1001 ATMOSPHERIC VACUUM BREAKER AT MOP SINK. CAULK AND SEAL BACK OF SINK TO WALL.
3. (2) 3/4" CITY COLD WATER WITH ASSE 1022 DOUBLE CHECK VALVE WITH ATMOSPHERIC VENT TO FILTRATION EQUIPMENT WITH 3/4" FILTERED WATER OUT. PLUMBING CONTRACTOR TO FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ACTIVATION PROCEDURES FOR BOTH SYSTEMS. REFER TO FILTER CONNECTION DETAIL ON SHEET P501.
4. 1/2" HOT WATER AND 1/2" COLD WATER TO FAUCET AND SPRAY AT THREE COMPARTMENT SINK. CAULK AND SEAL BACK OF SINK TO WALL.
5. 1/2" COLD SOFTENED WITH INTEGRAL ASSE 1001 ATMOSPHERIC VACUUM BREAKER WATER TO DISHWASHER. INSTALL SHUT-OFF WITH 3/4" MALE HOSE-END FITTING @ 18" AFF UNDER COMPARTMENT SINK. SHUT-OFF TO INCLUDE PRESSURE REDUCING VALVE, PRESSURE GAUGE (SET @ 20 PSIG, * OR - 5 PSIG) LINE STRAINER, AND SHOCK ARRESTOR IN WALL. CONNECT SANITIZER TO CSW SUPPLY WITH 72" LONG BRAIDED STAINLESS STEEL HOSE.
6. 1/2" FILTERED WATER TO ICE MACHINE WITH ASSE 1022 DOUBLE CHECK VALVE WITH ATMOSPHERIC VENT. REDUCE TO 3/8" AT MACHINE.
7. 1/2" TEMPERED WATER AND COLD WATER TO FAUCET AT SINK.
8. 1/2" FILTERED WATER TO COFFEE/TEA BREWER WITH ASSE 1022 DOUBLE CHECK VALVE WITH ATMOSPHERIC VENT. INSTALL SHUT-OFF IN CABINET @ 24" AFF REDUCE TO 3/8" AT UNIT.
9. 1/2" FILTERED WATER TO ESPRESSO MACHINE PUMP. CONNECT 3/8" COMPRESSION BRAIDED STAINLESS STEEL HOSE FROM SHUT-OFF TO ESPRESSO MACHINE WATER INLET. SEE DETAIL PROVIDED ON SHEET P501.
10. 1/2" COLD WATER TO DIPPERWELL FAUCET. REDUCE TO 1/4" AT UNIT.
11. 1/2" FILTERED WATER TO INSTAHOT TAP. REDUCE TO 1/4" AT UNIT.
12. 1/2" FILTERED TO WATER TOWER FAUCET LOCATED IN WATER STATION.
13. 1/2" COLD WATER TO TOILET. PROVIDE WATER HAMMER ARRESTOR IN SUPPLY LINE. SEE DETAILS ON SHEET P501.
14. 3/4" FILTERED WATER, 3/4" COLD WATER AND 1/2" HOT WATER DOWN IN WALL TO BELOW COUNTERTOP LEVEL. VERIFY ROUTING IN FIELD WITH GC PRIOR TO INSTALLATION.
15. 1/2" HOT WATER WITH APOLLO VALVES MODEL DCAP ASSE 1012 DOUBLE CHECK VALVE WITH ATMOSPHERIC VENT AND 1/2" COLD WATER WITH ASSE 1022 DOUBLE CHECK VALVE WITH ATMOSPHERIC VENT TO SINK.
16. DOMESTIC WATER SERVICE TO LEASE SPACE. VERIFY EXACT SIZE, LOCATION, PRESSURE AND REQUIREMENTS ON SITE.
17. 1/2" COLD WATER WITH ASSE 1022 DOUBLE CHECK VALVE WITH ATMOSPHERIC VENT TO PITCHER RINSE.
18. ROUTE 3/4" FILTERED WATER, 3/4" COLD WATER AND 1/2" HOT WATER THROUGH CABINETS AND CONNECT TO ITEMS 10153 (2), 10215 (2), 10874 (2), 11003 (2) AND 12694 (2). REFER TO NOTES 9, 10, 11, 12, AND 15. VERIFY ROUTING IN FIELD WITH GC PRIOR TO INSTALLATION.
19. EXISTING HOSE BIB TO REMAIN WITHOUT MODIFICATION.
20. CONNECT NEW SUPPLY PIPING TO EXISTING SUPPLY PIPING.
21. 1/2" COLD WATER TO TRAP PRIMER. TRAP PRIMER SHALL SERVE RESTROOM FLOOR DRAIN. SEE DETAIL P-501.
22. 1/2" FILTERED WATER TO SINGLE TAP FONT. SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
23. HOT WATER RECIRCULATING PUMP. SEE DETAIL, SHEET P-501.
24. EXISTING BOOSTER PUMP TO REMAIN.

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Revision Schedule		
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STORE #: 50175
PROJECT #: 73763-001
ISSUE DATE: 05/02/2018
PROGRAM MANAGER: ROMINA VIGNOLO
LEED AP: STARBUCKS
PRODUCTION DESIGNER: MICHAEL B. SARKA
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