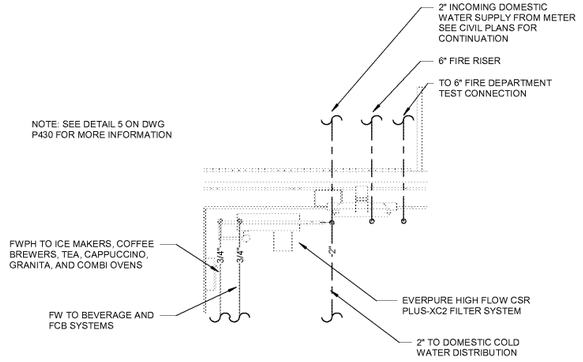
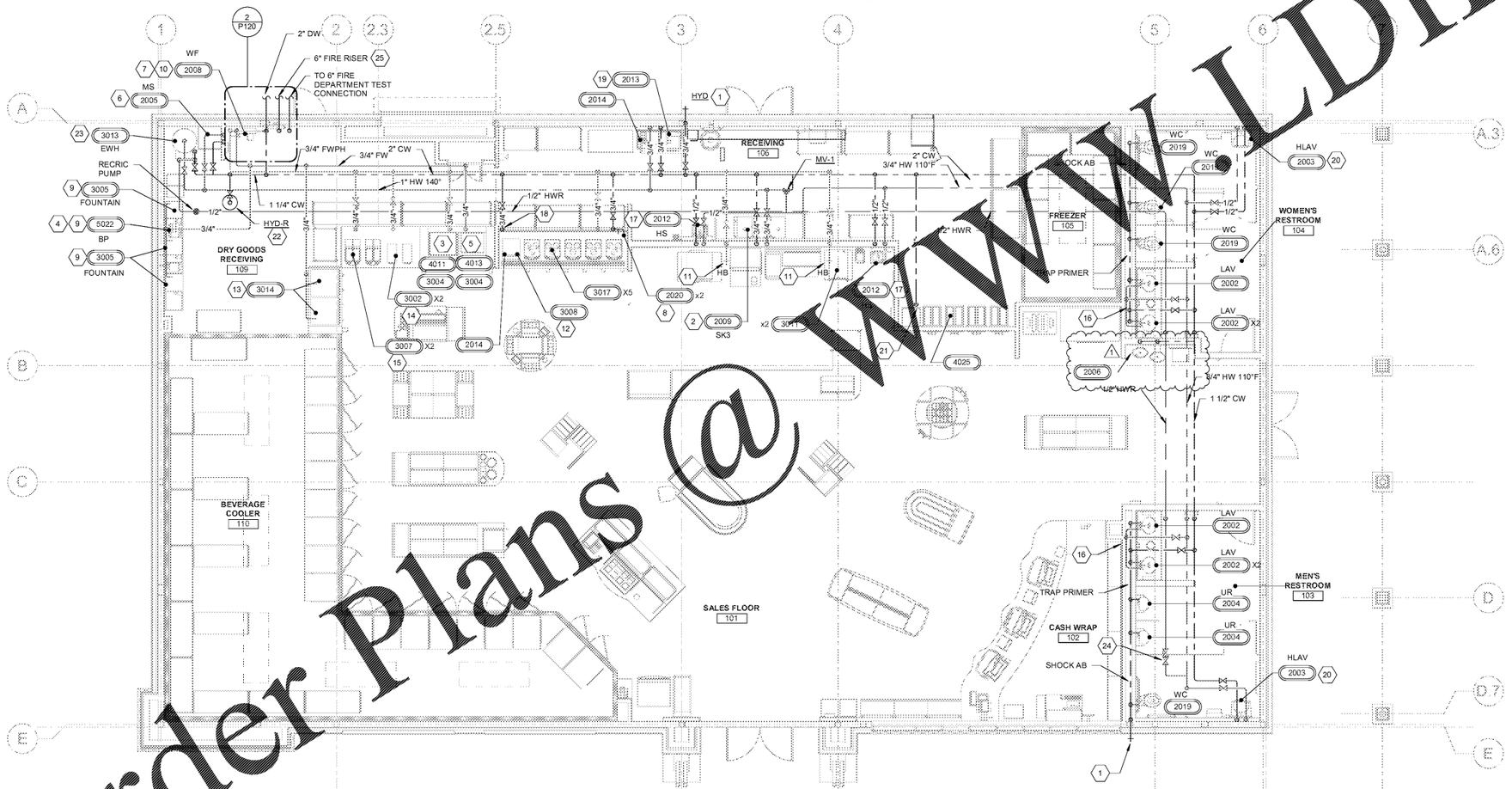


2 ENLARGED WATER PLAN
1/2" = 1'-0"



1 DOMESTIC WATER PLAN
3/16" = 1'-0"

GENERAL NOTES

1. REFER TO DOMESTIC WATER ISOMETRIC, SHEET P410 FOR WATER LINE PIPE SIZES.
2. CONTRACTOR TO COORDINATE 2" DOMESTIC WATER SERVICE TO BUILDING WITH CIVIL/SITE CONTRACTOR. VERIFY ADEQUATE WATER PRESSURE IS AVAILABLE AT EXISTING PUBLIC WATER MAIN FOR THE BUILDING SYSTEM.
3. PROVIDE WATER LINES SIZED TO MEET THE PLUMBING FIXTURES AND EQUIPMENT CONNECTION SIZES, UNLESS NOTED OTHERWISE.
4. DOMESTIC WATER METERS PROPOSED TO BE IN PVC METER PITS EXTERNAL FROM THE BUILDING. COORDINATE LOCATION WITH CIVIL/SITE CONTRACTOR.
5. CONTRACTOR TO COORDINATE 6" FIRE WATER SPRINKLER SERVICE TO BUILDING WITH CIVIL/SITE CONTRACTOR. VERIFY ADEQUATE WATER PRESSURE IS AVAILABLE AT EXISTING PUBLIC WATER MAIN FOR SPRINKLER SYSTEM.

SHEET KEYNOTES

1	3/4" CW LINE DOWN IN WALL TO NON-FREEZE HYDRANT.
2	PROVIDE 3/4" CW AND HW TO 3-COMPARTMENT SINK FAUCET.
3	3/4" FILTERED/PHOSPHATE FED WATER TO ICE MACHINES. PIPING ROUTED OVERHEAD AND TERMINATE WITH BALL VALVE. G.C. TO TAG VALVE. CONNECTION TO EQUIPMENT BY OTHERS.
4	3/4" FILTERED CW TO WATER BOOSTER.
5	3/4" FILTERED CW TO SODA BEVERAGE EQUIPMENT WITH STAINLESS STEEL BACKFLOW PREVENTER. TERMINATE WITH BALL VALVE. CONNECTION TO EQUIPMENT BY OTHERS.
6	PROVIDE 1/2" CW AND HW CONNECT TO MOP SINK FAUCET.
7	MOUNT WATER FILTERS ON WALL ABOVE BACKFLOW PREVENTER. REFER TO DETAIL 5/P430.
8	PROVIDE 3/4" CW DOWN IN WALL AND CONNECT TO BEAN TO CUP WATER FILTER IN CASEWORK. ROUTE 3/8" FILTERED CW FROM FILTER TO BEAN TO CUP COFFEE MACHINE. PROVIDE WITH APPROVED BACKFLOW PREVENTER AND BALL VALVE. MAXIMUM OF 3 BEAN TO CUP COFFEE MACHINES PER FILTER.
9	3/8" FILTERED CW FROM WATER BOOSTER TO FOUNTAIN EQUIPMENT.
10	MOUNT SCALE STICK (PHOSPHATE FEEDER) TO WALL ABOVE BACK FLOW PREVENTER. REFER TO 5/P430.
11	3/4" FILTERED/PHOSPHATE FED WATER TO HOSE BIBB AT 12" AFF AND 48" AFF FOR COMBI-OVEN STEAMERS.
12	FWPH WATER SUPPLY TUBING FROM SHUTOFF AT 48" A.F.F. TO COFFEE MAKERS/HOT CAPPUCCINO SHALL BE FLEX NYLON BRAIDED FLEX TUBING AND SHALL BE NSF APPROVED. INSTALL SHUT-OFF VALVE AT EACH BEVERAGE UNIT.
13	3/4" FILTERED CW TO FCB MACHINES. PIPING ROUTED OVERHEAD AND TERMINATE WITH BALL VALVE. G.C. TO TAG VALVE. CONNECTION TO EQUIPMENT BY OTHERS.
14	3/4" FILTERED/PHOSPHATE CW TO TEA BREWER AT 48" AFF. PIPING ROUTED OVERHEAD. GC TO INSTALL AND TAG SHUTOFF VALVE VISIBLE IN BACK ROOM. GC TO CONNECT TO ALL BEVERAGE EQUIPMENT.
15	3/4" FILTERED/PHOSPHATE CW TO GRANITA AT 48" AFF. PIPING ROUTED OVERHEAD AND TERMINATE WITH BALL VALVE. G.C. TO TAG VALVE. CONNECTION TO EQUIPMENT BY OTHERS.
16	1 1/2" CW AND 1/2" HW -110°F DOWN IN PIPE CHASE TO PLUMBING FIXTURES.
17	PROVIDE 1/2" CW AND HW DOWN IN WALL TO HAND SINK AND MIXING VALVE MV-2
18	PROVIDE 1/2" CW DOWN TO HOSE REEL.
19	PROVIDE 3/4" CW AND HW DOWN IN WALL TO 1-COMPARTMENT SINK FAUCET.
20	PROVIDE 1/2" CW AND HW-110°F DOWN IN WALL TO LAV SINK FAUCET FURNISHED WITH MIXING VALVE.
21	NEW 1" CW TO GLYCOL CHILLER MANIFOLD SYSTEM.
22	ROUTE 3/4" CW UP TO ROOF AND CONNECT TO NON-FREEZE ROOF HYDRANT.
23	1" CW AND HW DOWN TO ELECTRIC WATER HEATER. SEE DETAIL 1/P430.
24	LOCATE ISOLATION VALVES APPROXIMATELY 11'-0" AFF AS SHOWN ON DRAWINGS TO ALLOW ACCESS AND SERVICE FROM ACCESS PANELS IN CEILINGS. REFER TO ARCHITECTURAL SHEET FOR LOCATION OF ACCESS PANELS. TYPICAL.
25	PROVIDE 6" FIRE SPRINKLER LINE INTO BUILDING AND TERMINATE 12" AFF WITH BLIND FLANGE.

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DATE	DESCRIPTION
08/21/18	ISSUED FOR PERMIT
09/21/18	REV-1 PERMIT COMMENTS

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RACETRAC PROJECT NUMBER
1310

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09/21/18

PROJECT NUMBER
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SHEET TITLE
DOMESTIC WATER PLAN

SHEET NUMBER
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