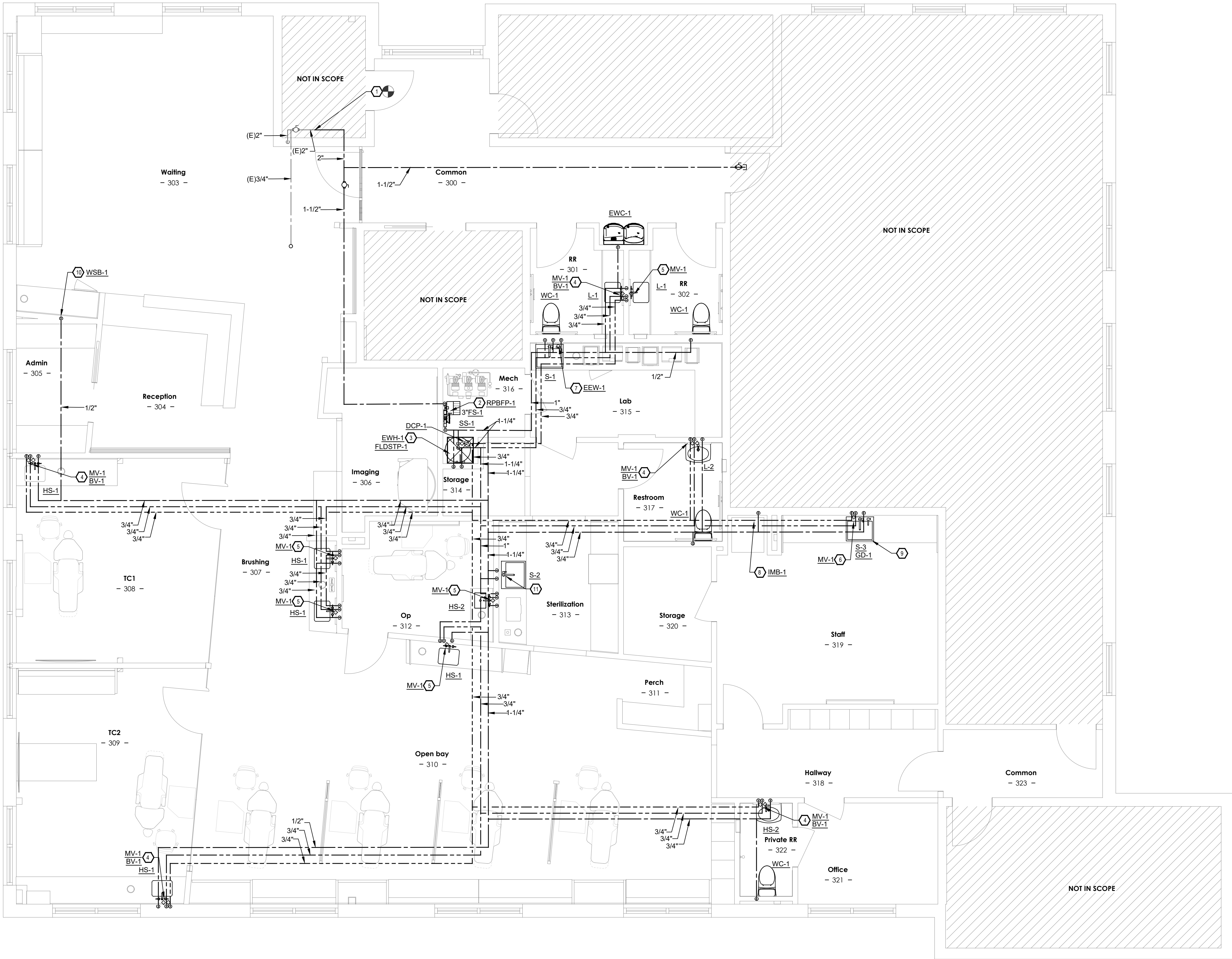




1 DOMESTIC WATER PLUMBING PLAN
SCALE: 1/4" = 1'-0"
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KEYED NOTES:

1. CONNECT 1-1/2" CW TO EXISTING DOMESTIC WATER MAIN CONTRACTOR TO CONFIRM IF WATER SUB METER IS REQUIRED PER BASE BUILDING STANDARDS AND INSTALL NEW METER IF REQUIRED PER BASE BUILDING STANDARDS. MODIFY ROUTING AND CONNECTION LOCATION AS REQUIRED DUE TO EXISTING BUILDING CONDITIONS.
2. 1-1/2" CW DOWN TO REDUCED PRESSURE BACKFLOW PREVENTER, SOLENOID VALVE AND FILTER. SOLENOID VALVE AND FILTER PROVIDED BY DENTAL EQUIPMENT PROVIDER AND INSTALLED BY P.C. PROVIDE AND INSTALL ALL NECESSARY UNIONS, REDUCERS, AND BALL VALVES AS REQUIRED. ROUTE FULL SIZE RPZ DRAIN TO FLOOR SINK AND DISCHARGE WITH FULL SIZE AIRGAP.
3. 1-1/4" CW, 1-1/4" HW AND 3/4" HWC. CONNECT TO ELECTRIC WATER HEATER MOUNTED ON SHELF. REFER TO ELECTRIC WATER HEATER DETAIL. NOTE: LEAK DETECTION, FLDSTP-1, SHALL BE INSTALLED ON CW SUPPLY.
4. 3/4" HW DOWN IN WALL. OFFSET AND CONNECT 1/2" HW TO HAND SINK/LAV WITHIN 2' OF SUPPLY STOP VIA MV-1. REFER TO MIXING VALVE DETAIL. CONNECT 3/4" HWC WITH ACCESSIBLE BV-1 WITHIN 2' OF LAV SUPPLY. EXTEND 3/4" HWC UP IN WALL TO ABOVE CEILING.
5. FULL SIZE HW MAIN DOWN IN WALL. OFFSET AND CONNECT 1/2" HW TO HAND SINK/LAV WITHIN 2' OF SUPPLY STOP VIA MIXING VALVE. REFER TO MIXING VALVE DETAIL. EXTEND FULL SIZE HW MAIN UP IN WALL.
6. 3/4" HW DOWN IN WALL. OFFSET 1/2" HW AND CONNECT TO SINK. EXTEND 1/2" HWC UP IN WALL.
7. CONNECT 1/2" CW AND 1/2" HW TO EMERGENCY EYEWASH MIXING VALVE LOCATED BELOW SINK IN AN ACCESSIBLE LOCATION. EXTEND 1/2" TEMPERED WATER (60 DEG F MIN, 100 DEG F MAX, PER ANSI Z358.1) AND CONNECT TO EMERGENCY EYEWASH, LOCATED TO THE LEFT OF THE STERILE SINK FAUCET. FIELD COORDINATE LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
8. CONNECT 1/2" CW TO REFRIGERATOR ICEMAKER BOX. EXTEND SOFT COPPER TUBING AND CONNECT TO REFRIGERATOR ICEMAKER PER MANUFACTURER AND LOCAL CODE.
9. RO FILTERS/TANK ASSEMBLY LOCATED BELOW SINK PER MANUFACTURER AND LOCAL CODE. REFER TO S-3 SINK SPECIFICATION, SHEET P1.1.
10. 1/2" CW DOWN IN WALL AND CONNECT TO WATER SUPPLY BOX. FIELD COORDINATE EXACT LOCATION.
11. CONNECT 1/2" CW TO WATER FILTRATION SYSTEM LOCATED BELOW SINK. EQUIPMENT PROVIDED BY DENTAL EQUIPMENT PROVIDER. INSTALLED BY P.C. FIELD COORDINATE ALL CONNECTION REQUIREMENTS FOR A COMPLETE AND OPERATIONAL SYSTEM.

GENERAL NOTES:

- PLUMBING DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY INDICATE EVERY REQUIRED OFFSET, FITTING, ETC. DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS. TAKE ALL DIMENSIONS FROM ARCHITECTURAL DRAWINGS, CERTIFIED EQUIPMENT DRAWINGS AND FROM THE STRUCTURE ITSELF BEFORE FABRICATING ANY WORK. VERIFY ALL SPACE REQUIREMENTS COORDINATING WITH OTHER TRADES, AND INSTALL THE SYSTEMS IN THE SPACE PROVIDED WITHOUT EXTRA CHARGES TO THE OWNER.
- CONTRACTOR SHALL COORDINATE WORK INDICATED WITH MECHANICAL, ELECTRICAL, FIRE PROTECTION, STRUCTURAL, CIVIL, AND ARCHITECTURAL DIVISIONS. CONTRACTOR SHALL VERIFY SIZE & LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING WORK. COORDINATE WITH OTHER TRADES AND MAKE FINAL CONNECTION. SUBMIT 1/4" SCALE SHOP DRAWINGS FOR PLUMBING SYSTEMS, DIMENSIONED TO INCORPORATE THE WORK OF OTHER TRADES. INDICATE SPACES RESERVED FOR FIRE SPRINKLER, PLUMBING PRIOR TO FABRICATION. COORDINATE ALL CHASE, SLEEVE, AND SLAB BLOCKOUTS BEFORE CONCRETE IS POURED OR BLOCK SET.
- PROVIDE ACCESSIBLE SHUT-OFF VALVES ON ALL NEW FIXTURE HW & CW BRANCHES.
- ALL WATER SUPPLY LINES LESS THAN 1" IN DIAMETER SHALL BE COPPER OR COPPER ALLOY. USE ONLY CAST AND WROUGHT COPPER AND COPPER ALLOY PRESS-CONNECT PRESSURE FITTINGS: ASME B16.51. DO NOT USE SOLDER OR BRAZED CONNECTIONS. PRESS-CONNECT JOINTS: PRESS-CONNECT JOINTS SHALL BE MADE IN ACCORDANCE WITH THE FITTING MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS USING A PRESS-CONNECT TOOL AND JAWS APPROVED FOR USE FOR THE MANUFACTURER'S SPECIFIC FITTING CONFIGURATION. COPPER ALLOY TUBE SHALL BE MECHANICALLY CLEANED AND REAMED PRIOR TO JOINING TO REMOVE ALL BURRS (INTERIOR AND EXTERIOR) AND RESTORE FULL INSIDE DIAMETER AND A SMOOTH, CHAMFERED EXTERIOR SURFACE. FITTINGS SHALL HAVE EPDM SEALING ELEMENTS.
- PROVIDE TRAP PRIMERS FOR ALL FLOOR AND HUB DRAINS.
- REFERENCE PLUMBING FIXTURE LIST FOR ROUGH-IN CONNECTION SIZING FOR INDIVIDUAL FIXTURES.

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REVISIONS

#	Date	Description
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DATE: 18 Aug 2026

PROJECT NO: 26085

DRAWN BY: SJP/JC

ISSUED FOR: Permit Set

Plumbing Domestic
Water Plan

P2.0