



- PLUMBING NOTES:**
- SEE CIVIL SITE PLAN FOR CONTINUATION OF UTILITY PIPING.
 - EXTEND AND CONNECT TO EXISTING COLD DOMESTIC WATER SERVICE PIPING; FIELD VERIFY EXISTING LOCATION. EXTEND PIPE DROPS AS INDICATED; CONNECT TO PLUMBING FIXTURES WITH INDIVIDUAL BRANCH SIZES AS SCHEDULED. INSULATE NEW WATER PIPING TO ACHIEVE CODE MINIMUM INSULATION VALUES.
 - AS APPLICABLE, OFFSET AND CONCEAL EXPOSED PIPE TO GREATEST EXTENT POSSIBLE ABOVE NEAREST ADJACENT CEILING SYSTEMS. OTHERWISE, ROUTE ALL EXPOSED INSULATED PIPE SECURE AND HIGH AS POSSIBLE IN NEAT AND CLEAN MANNER. PAINT WITH FINAL FINISH TO MATCH ADJACENT INTERIOR FINISH AS DIRECTED BY ARCHITECT.
 - FOR EACH INDIVIDUAL HOT WATER PIPE BRANCH SERVING A LAVATORY OR SINK AS KEYED FROM THE ABOVE CEILING HOT WATER CIRCULATED PIPING LOOP AND THEN DOWN TO WITHIN SIX INCHES OF THE LAVATORY FIXTURE, PROVIDE IEEE 515.1 COMPLIANT ELECTRIC HEAT TRACE CONTROLLED IN ACCORDANCE WITH 2021 IECC EQUAL TO RAYCHEM HWAT-R2. INSTALL PER MANUFACTURER'S INSTRUCTIONS BASED UPON LENGTH AND PIPING TYPE. ACCEPTABLE MANUFACTURERS TO INCLUDE, BUT ARE NOT LIMITED TO, CHROMALOX, DELTATHERM OR APPROVED EQUAL. WITHIN STORAGE ROOM, PROVIDE PRIMARY HEAT TRACE CONTROLLER(S) EQUAL TO RAYCHEM HWAT-ECO-GF. PROVIDE ELECTRIC HEAT TRACE CONNECTION KITS, SPLICE KITS, TEE KITS, END SEALS, GLASS TAPE, TEMPERATURE SENSORS, ETC. AS REQUIRED FOR APPLICATION AND FULLY FUNCTIONAL OPERATION. INSULATE AND JACKET PIPING AND ELECTRIC HEAT TRACE AS SPECIFIED.
 - VISIBLE WATER PIPING TO BE PRIMED, PAINTED, AND LABELED TO CORRESPONDING REFERENCE ON SHEET M1.02. COORDINATE WITH ARCHITECTURAL PLANS.
 - COORDINATE PIPING INSTALLATION IN FIRE-RATED WALL CONSTRUCTION PRIOR TO ROUGH-IN AND INSTALLATION TO ACHIEVE AND MAINTAIN FIRE RATING AS INDICATED PER ARCHITECTURAL LIFE SAFETY PLAN AND DETAILS. SLEEVE AND FIRE CAULK AS REQUIRED.

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SHEET

M3.02

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PLUMBING PLAN
(WATER/FIRE)

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