



- GENERAL NOTES:**
- REFER TO FIXTURE SCHEDULE FOR PIPE SIZES TO INDIVIDUAL FIXTURES.
  - FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK. WHERE DISCREPANCIES OCCUR BETWEEN THESE DOCUMENTS AND EXISTING CONDITIONS, THE DISCREPANCY SHALL BE REPORTED TO THE OWNER AND ENGINEER FOR RESOLUTION.
  - SEE ARCHITECTURAL DRAWINGS FOR CONTRACT LIMITS AND ANY CONSTRUCTION PHASING. SCHEDULE ALL SHUTDOWNS THAT AFFECT UTILITIES AND PORTIONS OF THE BUILDING THAT MUST REMAIN IN OPERATION WITH THE OWNER.
  - REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING HEIGHTS OF FIXTURES, OUTLETS, SOFFITS, CEILINGS AND EQUIPMENT.
  - SAW CUT CONCRETE FLOOR AS REQUIRED TO FACILITATE INSTALLATION OF UNDERSLAB UTILITIES.
  - PROVIDE EXPANSION JOINTS, FLEXIBLE PIPE CONNECTORS OR FLEXIBLE HOSE CONNECTORS AS REQUIRED AT EXPANSION JOINTS.
  - ISOLATE, DRAIN AND REFILL EXISTING SYSTEMS AS REQUIRED TO ACCOMMODATE BOTH THE NEW SYSTEM AND THE CONTINUED USE OF THE EXISTING SYSTEM. ALL NEW PIPING SYSTEMS SHALL BE FLUSHED, TESTED AND CLEANED PRIOR TO INITIAL OPERATION. REFER TO SPECIFICATION.
  - PROVIDE ALL NECESSARY TEMPORARY OR PERMANENT CAPS OR PLUGS FOR PIPING. DO NOT LEAVE PIPING OPEN ENDED.
  - PROVIDE WATER HAMMER ARRESTORS (SHOCK ABSORBERS) AT ALL QUICK-CLOSING VALVES AND FAUCETS IN ACCORDANCE WITH THE LATEST PLUMBING AND DRAINAGE INSTITUTE STANDARDS FOR WATER HAMMER ARRESTORS.
  - PROVIDE PIPING SUPPORTS FOR ALL NEW PIPING. REFER TO DETAILS, SCHEDULES AND SPECIFICATIONS.
  - PROVIDE EQUIPMENT CONNECTION TRANSITIONS IN PIPING AS REQUIRED.
  - PRIOR TO STARTING CONSTRUCTION, DETERMINE EXACT INVERT ELEVATIONS, SIZES, DEPTH AND LOCATION OF EXISTING UTILITIES WHERE TERMINATIONS OR CONNECTIONS ARE TO BE MADE OR INTERSECTIONS OCCUR. NOTIFY ENGINEER OR OWNER OF ANY DISCREPANCY BETWEEN DRAWINGS AND ACTUAL FIELD CONDITIONS. WORK BACK TOWARD FIXTURE FROM UTILITY CONNECTION FOR ALL PIPING SYSTEMS.
  - LOCATE ACCESS PANELS IN NON-ACCESSIBLE CEILINGS AND WALLS FOR ALL VALVES, SHOCK ABSORBERS, CLEANOUTS AND ALL OTHER ITEMS THAT REQUIRE ACCESS TO PROPERLY MAINTAIN OR SERVICE THE BUILDING.
  - ALL EXISTING SINKS THAT ARE TO REMAIN OR BE RELOCATED SHALL HAVE WRISTBLADE HANDLE FAUCETS INSTALLED IF NOT ALREADY FURNISHED.
  - PLUMBING CONTRACTOR TO SECURE WORK PERMIT FOR MEDICAL GAS WORK.
  - PROVIDE SHUTOFF VALVES ON ALL BRANCH PIPING AND ON ALL SUPPLIES TO INDIVIDUAL FIXTURES AND EQUIPMENT. PROVIDE BALL VALVES ON ALL WATER MAIN BRANCHES IN CORRIDORS AND WHERE INDICATED ON DRAWINGS. PROVIDE BALANCING VALVES AT SYSTEM LOOP RETURNS AND AT RETURN RISERS. PROVIDE SHUTOFF VALVES AT SYSTEM LOOP SUPPLIES AND RISERS. ALL VALVES ARE TO BE ACCESSIBLE.
  - PROVIDE VENTS AT HIGH POINTS IN PIPING SYSTEMS AND DRAIN VALVES AT LOW POINTS.
  - PROVIDE GAUGE FITTINGS AND THERMOMETER WELLS AT HOT WATER SUPPLY AND RETURN BRANCHES AND AT PUMP INLETS AND OUTLETS.
  - HEAT TRACE ALL EXTERIOR EXPOSED DOMESTIC WATER PIPING LOCATED ABOVE GROUND. VERIFY ELECTRICAL LOAD OF HEAT TRACE REQUIRED AND CONFIRM SUFFICIENT CAPACITY AT MAIN ELECTRICAL PANEL PRIOR TO INSTALLATION. PROVIDE ANY ADDITIONAL ELECTRICAL CAPACITY AS NEEDED.

- SHEET NOTES:**
- PROVIDE MIXING VALVE EQUAL TO POWERS No. LFLM495 MOUNTED BELOW ALL LAVATORIES AND HAND SINKS TO LIMIT TEMPERATURE TO 110°F.
  - PROVIDE TEMPORARY SHUTDOWN TO ISOLATE EXISTING SYSTEM FOR NEW TIE-IN. DRAIN SYSTEM AS REQUIRED. COORDINATE ALL SHUTDOWNS WITH OWNER.
  - PROVIDE 3/4" BALL VALVE WITH LOCK HANDLE TO ACCOMMODATE 1/2" MALE NPT FOR OXYGEN LINE TO EACH CHAMBER. PROVIDE DISS STYLE OUTLET FOR MEDICAL AIR. SEE DETAILS ON P-4.
  - PROVIDE AREA ALARM PANEL IN AREA PROVIDED ON PLAN. ALARM PANEL MUST BE WIRED TO EMERGENCY POWER OR A BACK-UP BATTERY SOURCE. REFER TO DETAIL ON P-4.
  - PROVIDE MEDICAL ZONE VALVE BOX IN AREA PROVIDED ON PLAN. REFER TO DETAIL ON P-4.

REPLACE DUAL-LINE REGULATOR ON BULK PAD FROM 1/2" TO 3/4".

SCALE: 1/4" = 1'-0"  
**1 WATER AND MEDICAL PIPING FLOOR PLAN**  
 P-3 PLUMBING

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KEY PLAN: GROUND FLOOR

ISSUE DATES:

▲ JANUARY 26, 2015
▲ STATE APPROVALS
▲ MARCH 20, 2015
▲ BLDG. DEPT. REVIEW
▲
▲
▲
▲

DRAWN BY:	ECH
CHECKED BY:	BF
SCALE:	AS NOTED
PROJECT NO.:	P14110

SHEET TITLE:  
**PLUMBING WATER AND MEDICAL PIPING FLOOR PLAN**

DRAWING NO.:  
**P-3**  
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