

AUGUST 05, 2026

CONSULTANT:

ARCHITECT:

SEAL:

CITY SEAL:

DISCLAIMER:

DERIVATION:

THIS DRAWING IS NOT TO BE SCALED.

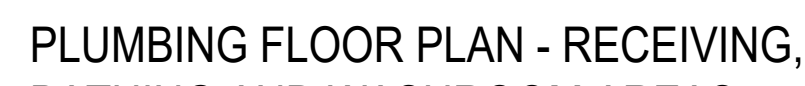
ISSUED FOR:

PROJECT NO:	DATE:
CA0073426.0987	05.08.26
ORIGINAL SCALE:	IF THIS BAR IS NOT "1" LONG, ADJUST YOUR PLOTTING SCALE.
AS NOTED	
DESIGNED BY:	
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42	OF: 54

TITLE:

SHEET NUMBER:

P1.1



SCALE: 1/4" = 1'-0"



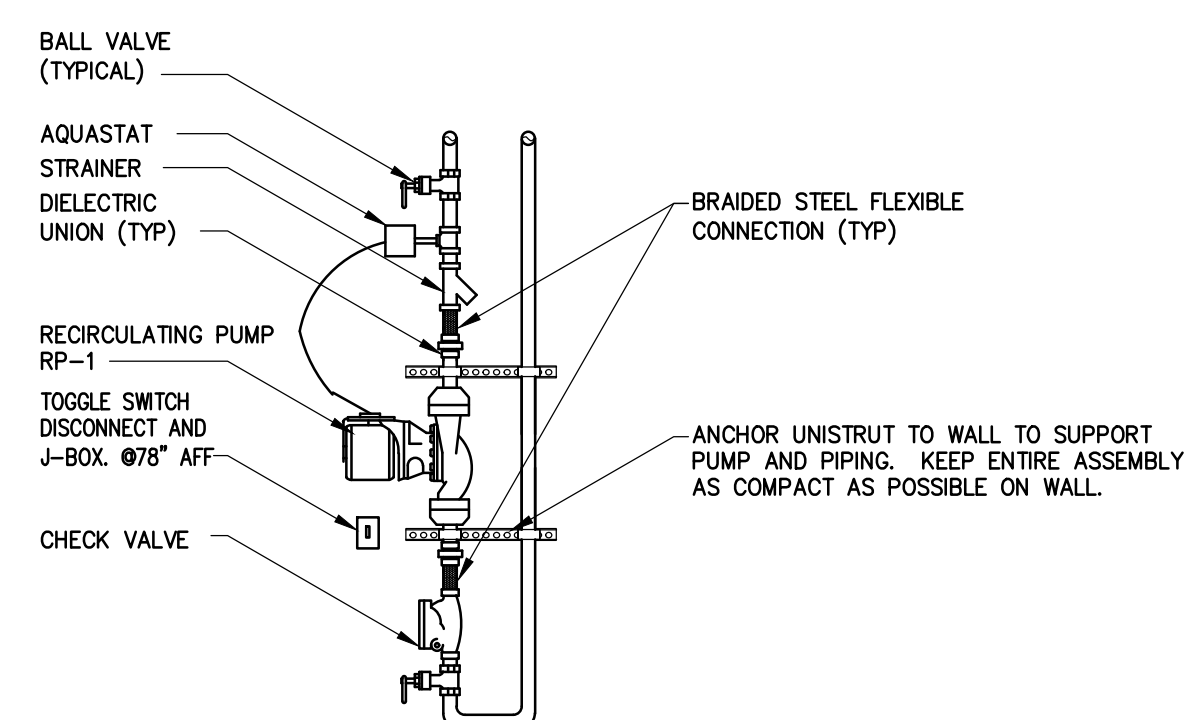
PLUMBING GENERAL NOTES:

- A. REFER TO ARCHITECTURAL DRAWINGS AND FIXTURE PLAN TO COORDINATE THE FLOOR CLEANOUT LOCATIONS AND ENSURE THE CLEANOUTS ARE FULLY ACCESSIBLE.
- B. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS OF FLOOR DRAINS AND TRENCH DRAINS.
- C. SINK CLEANOUT TO BE INSTALLED UNDER SINK.
- D. REFER TO PLUMBING SHEET P3.0 AND DETAIL 7P2.0 FOR PIPING SIZES.
- E. SHUT-OFFS TO BE INSTALLED 12" MAX. ABOVE FINISHED CEILINGS. AT FISH PREP 120, LOCATE AT 10'-0" AFF.
- F. THE USE OF DOUBLE CONNECTION FITTINGS IS PROHIBITED IN SANITARY SEWER LINES.

PLUMBING KEY NOTES:

- | | |
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| 1 | SEE SHEET P1.0 FOR PIPING CONNECTION. |
| 2 | PROVIDE AND INSTALL WATTS DUAL CHECK REDUCED PRESSURE BACKFLOW ASSEMBLY, SERIES L7919ACF-0T-5 (QUARTER TURN VALVES, BRONZE STRAINER, LEAD-FREE CONSTRUCTION) ON INCOMING 1/2" DOMESTIC COLD WATER LINE AND BUILDING SHUT-OFF VALVE ON RISER. INSTALL AS PER CSA STANDARDS. REFER TO DETAIL 3/P2.0. OBTAIN VERIFICATION OF BACKFLOW PREVENTER BY CERTIFIED INSPECTOR PRIOR TO FINAL COMPLETION. |
| 3 | NPS 3/4" DOW DOWN RECESSED IN WALL TO HB-1 C/W SHUT-OFF VALVE AND 'Y' CONNECTION. |
| 4 | INSTALL SANITARY PIPING WITH POSITIVE SLOPE MIN. 2% FOR ALL NPS 2, 3, 4 & 6 LINES. COORDINATE ROUTING WITH STRUCTURAL FOOTINGS AND ALL CONSTRUCTION TRADES PRIOR TO ROUGH IN INSTALLATION. |
| 5 | COORDINATE EXIST FLOOR DRAIN (FD-2) INSTALLATION WITH BACKFLOW PREVENTER INSTALLATION. TERMINATE BACKFLOW PREVENTER RELIEF DRAIN PIPE AS REQUIRED OVER DRAIN. |
| 6 | FLOOR DRAIN (FD-1) NEXT TO DOMESTIC WATER HEATER. TERMINATE T&P RELIEF VALVE DRAINAGE PIPING FROM DOMESTIC WATER HEATER WITH REQUIRED AIR GAP PER APPLICABLE CODES AND/OR A.H.J. |
| 7 | NPS 3/4" DOW DOWN IN WALL FURRING TO NEW EXTERIOR HOSE BIBB HB-1 (MOUNTED @28" AFF), C/W INTERIOR SHUT-OFF VALVE AND ACCESS DOOR @60" AFF. ENSURE PIPE IS FULLY WRAPPED WITH THERMAL INSULATION. |
| 8 | OVERHEAD COLD WATER STOP TO FEED AQUARIUM EQUIPMENT. PROVIDE SHUT-OFF VALVE IN DROP. FINAL CONNECTION TO AQUARIUM EQUIPMENT BY PLUMBING CONTRACTOR. BRACE VERTICAL DROP TO THE BULKHEAD AS REQUIRED. FISH SYSTEM SUPPLY SHALL PROVIDE MILKINS SERIES 975XL-3/4" REDUCED PRESSURE ZONE BACKFLOW PREVENTER C/W BLOW-OFF STRAINER AND MILKINS MODEL 600C-3/4" REGULAR TAPPED AND ASSEMBLED REGULATOR WITH 92-25A GAUGE (25-75) PS (ADJUSTABLE). ROUTE BACKFLOW PREVENTER BLOW-OFF PIPING BEHIND THE TANKS AS REQUIRED TO SPILL INTO TRENCH DRAIN TO-2 WITH THE APPROPRIATE AIR GAP. |
| 9 | NPS 3/4" COLD/HOT WATER SURFACE MOUNTED TO WALL. MOUNT ZURN FAUCET 48" AFF (3'-15" FROM TOP OF CURB). THIS CONTRACTOR IS TO DO ALL FINAL CONNECTIONS TO THE HYDROSURGE UNIT. REFER TO DETAIL 12/P2.0. NO INSTITUTE IS ALLOWED TO MOUNT PLUMBING IN BATHING AREA. EXPOSED WATER SUPPLY PIPING IN BATHING AREA SHALL BE COPPER (INCLUDING VALVES AND FITTINGS). |
| 10 | INSTALL COMPLETE REGULATOR PUMP (RP-1) ASSEMBLY VERTICALLY ON THE WALL WITH PUMP AT 7'-0" A.F.F. TO BE ACCESSIBLE FOR MAINTENANCE PURPOSES. PROVIDE WALL MOUNTED SUPPORT AS REQUIRED. REFER TO DETAIL 3/P1.1. |
| 11 | TRAP PRIMER (TP-1) ABOVE T-BAR CEILING. RUN 1/2" PEX POLYETHYLENE PIPING IN WALL AND BELOW TOP SLAB TO P-TRAPS WHERE SHOWN. SEE DETAIL 12/P2.0 FOR MORE INFORMATION. |
| 12 | NPS 3/4" DOW & NPS 3/4" DOW DOWN IN WALL FURRING FOR MS-1. FAUCET FOR JANITOR'S SINK (MS-1) TO BE MOUNTED AT 3'-0" AFF. |
| 13 | LOCATION OF NEW NPS 3 PLUMBING VENT THROUGH ROOF (VTR). |
| 14 | CENTRE OF SINK CUT INTO MILLWORK 1'-8" FROM SIDE WALL. |
| 15 | NPS 3/2" DOW/DHW DOWN IN WALL FURRING. |
| 16 | INSTALL PIPING ABOVE THE BOTTOM CHORD OF JOIST THROUGHOUT THE STORE WHERE OPEN TO STRUCTURE. COORDINATE EXIST BACKFLOW WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATION. |
| 17 | INSTALL PIPING ABOVE CEILING, COORDINATE EXIST ROUTING WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATION. ALL SHUT-OFF VALVES, WHERE APPLICABLE, SHALL BE INSTALLED @12" MAXIMUM IN CEILING SPACE TO BE ACCESSIBLE FOR MAINTENANCE PURPOSES (ON VERTICAL, IF NECESSARY). |
| 18 | INSTALL DOMESTIC WATER PIPING TIGHT TO U/S OF FLOOR IN RECEIVING AREA, COORDINATE EXIST ROUTING WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATION. |
| 19 | PLUMBING CONTRACTOR IS TO VERIFY WITH LOCAL PLUMBING INSPECTOR FOR BATHING BACKFLOW REQUIREMENTS. PROVIDE A SEPARATE PIPE TO SUPPLY AND INSTALL A 1/2" REDUCE PRESSURE BACKFLOW (ONE IN ONE COLD) TO FEED SOLELY FOR BATHING ROOM. BACKFLOW TO BE MOUNTED ON RECEIVING ROOM WALL AT MAXIMUM 4'-0" AFF. |
| 20 | DOMESTIC WATER BOOSTER PUMP, PRESSURE TANK AND VFD CONTROLLER. REFER TO DETAIL 3/P1.0. |

DESIGNER NOTE:
MARK NOTE AS
USED, WHEN
BOOSTER PUMP
NOT REQUIRED



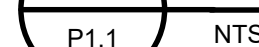
NOTES:

1. PROVIDE ALL VALVES, EQUIPMENT AND PIPING INSTALLED ON THE WALL TO BE ACCESSIBLE AND ARRANGED AS SHOWN.
2. IMPROPERLY ARRANGED INSTALLATIONS AND INSTALLATIONS MISSING COMPONENTS SHOWN HERE ARE UNACCEPTABLE AND SHALL BE CORRECTED AT NO ADDITIONAL COST.
3. COORDINATE THE EXACT LOCATION AND INSTALLATION WITH THE WORK OF THE OTHER TRADES AND THE PETSMACT CM PRIOR TO ROUGH-IN.
4. ALL PIPING, FITTINGS AND VALVES SHOWN ARE ¾" SIZE.

FINISHED FLOOR

RECIRCULATING PUMP INSTALLATION (RP-1)

NTS



PLUMBING FLOOR PLAN - FISH EQUIPMENT, ADOPTIONS AND ASSOCIATE RESOURCE AREAS

SCALE: 1/4" = 1'-0"



DESIGNER NOTE:
LOCATE WATER BOOSTER PUMP
LOCATIONS WITH LOW ELECTRICAL PHASE
COORDINATE WITH ELECTRICAL PHASE
DELETE FROM DRAWING IF NOT REQUIRED