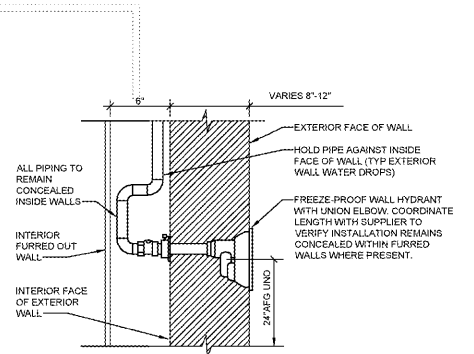
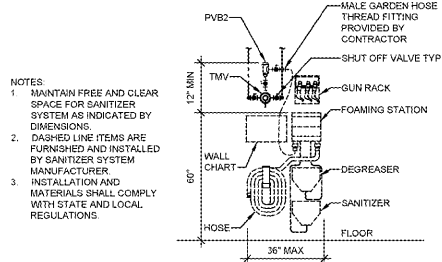


- NOTE:
- UTILIZE FOR ALL PIPING EXCEPT SPRINKLER, ROOF DRAIN, AND REFRIGERATION PIPING.
 - SPACE HANGERS AND SUPPORTS IN ACCORDANCE WITH SPECIFICATIONS.
 - LOCATE HANGERS WITHIN 3 INCHES OF JOIST PANEL POINTS U.N.O.
 - DO NOT SUPPORT PIPING FROM BOTTOM CHORD OF BAR JOISTS.
 - INDIVIDUAL PIPES 3 INCH AND SMALLER NOT REQUIRED TO BE WITHIN 3 INCHES OF PANEL POINT.
 - FOR PIPE RUNNING PARALLEL TO JOISTS, ATTACH TRAPEZOID BEAM CLAMPS TO JOISTS ON EACH SIDE OF PIPE.
 - TRAPEZOID HANGERS AND ALL THREAD RODS ARE SIZED TO CARRY (MAX) 6 - 3 INCH DIAMETER COPPER PIPES FULL OF WATER (37.62 LBS/FT) OR EQUIVALENT. IF LOAD EXCEEDS MAXIMUM, CONTACT THE EOR FOR PROPER SIZING.

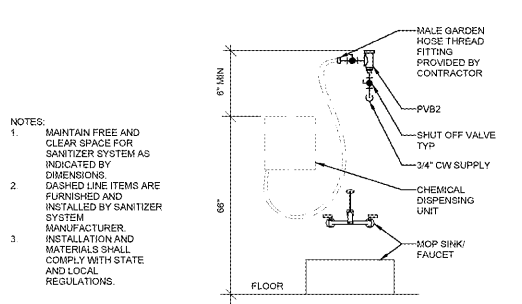
7 PIPE SUPPORT
NTS



6 WALL HYDRANT (FPWH1)
NTS



5 TEMPERED HOSE STATION-SANITIZER ELEVATION
NTS



4 CHEMICAL DISPENSING UNIT ELEVATION
NTS

- GENERAL NOTES
- PROVIDE ACCESS DOORS TO VALVES THAT ARE NOT READILY ACCESSIBLE.
 - REFER TO RISER DIAGRAMS AND PLUMBING FIXTURE SCHEDULES FOR PIPING AND PIPE SIZES NOT SHOWN ON PLAN.
 - FOR PIPING ROUTED ON EXTERIOR WALLS, ROUTE PIPING ON THE INTERIOR SIDE OF INSULATED WALL TO PROVIDE FREEZE PROTECTION.
 - DO NOT INSTALL PIPING WITHIN COOLER PANELS. INSTALL EXPOSED PIPING IN FREE AREAS A MINIMUM OF 1" FROM WALL AND 6" ABOVE FINISHED FLOOR TO ALLOW FOR CLEANLINESS.
 - PROVIDE BACKFLOW PREVENTION ON THE FOOD EQUIPMENT, HOSE BIBBS AND ALL FAUCETS. THREADED SPOUTS, REFER TO PLUMBING FIXTURE SCHEDULE.
 - PROVIDE BACKFLOW PREVENTION ON THE PLUMBING PENETRATING THROUGH GROUND LEVELS AND WALLS.
 - AT CONTRACTOR'S OPTION, IN LIEU OF COPPER WATER PIPING, PEX OR ALUMINUM PIPING MAY BE USED. REFER TO SPECIFICATIONS FOR NOMINAL PIPE SIZES SCHEDULES.

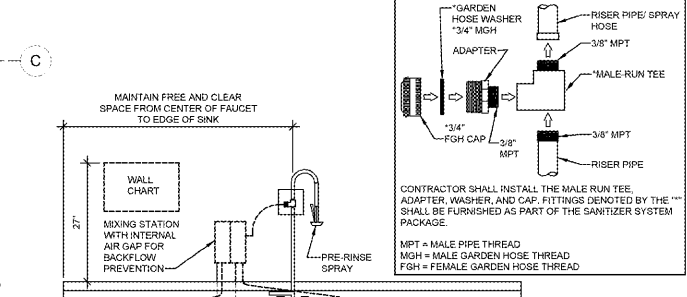
KEYNOTES

- ROUTE PIPING THROUGH JOIST SPACE. COORDINATE WITH HVAC AND OTHER TRADES PRIOR TO INSTALLATION. DO NOT INSTALL PIPING DIRECTLY UNDER SKYLIGHT WELLS UNLESS INDICATED OTHERWISE ON PLANS. COORDINATE WITH SPRINKLER CONTRACTOR PRIOR TO INSTALLATION IN ORDER TO MAINTAIN REQUIRED CLEARANCES FROM SPRINKLERS. REFER TO PIPE SUPPORT DETAIL FOR INSTALLATION.
- COORDINATE 4" DOMESTIC WATER SERVICE, REDUCED PRESSURE BACKFLOW PREVENTER AND WATER METER WITH AUTHORITY HAVING JURISDICTION AND CIVIL DRAWINGS. PROVIDE PRESSURE REGULATION ON DOWNSHEAM SIDE OF BACKFLOW PREVENTER. SET REGULATOR TO 55 PSI. REFER TO PLUMBING FIXTURE SCHEDULE.
- INSTALL FURNISHED WATER FILTRATION SYSTEM DISPENSING UNIT. REFER ARCH FOR MOUNTING HEIGHT. CENTERLINE OF UNIT SHALL BE 6" FROM EDGE OF COUNTER. INSTALL RO FAUCET IN 4TH SINK HOLE.
- INSTALL FURNISHED WATER FILTRATION SYSTEM AND WATER STORAGE TANK. INSTALL UNDER COUNTER PER MANUFACTURER'S SPECIFICATIONS.
- PROVIDE 1/2" R.O. WATER WITH SHUT-OFF VALVE TO PRODUCE CASE CLEANOUT SYSTEM. LOCATE SECONDARY VALVES FOR CLEANOUT SYSTEM AT CASE KICKPLATES.
- PROVIDE 3/4" CPVC FEMALE NPT VALVES SERVING DISPENSER AND GROCERY EQUIPMENT. PROVIDE 3/4" PEX LINE FOR TEMPORARY BYPASS BETWEEN BUILDING WATER SUPPLY LINE AND RO WATER LINE SERVING GROCERY EQUIPMENT. REMOVE BYPASS AFTER STARTUP AND TESTING OF GROCERY EQUIPMENT.
- GROCERY HAND SINKS ARE SERVED WITH SEPARATE 1/2" HOT WATER PIPING TO MEET THE DESIGN HW DELIVERY TIME. IF ALTERNATE 1/2" HW PIPE ROUTING IS NECESSARY, DO NOT EXCEED A 12'-0" PIPING RUN FROM THE HW LOOP TO THE SINK ROUGH-IN.
- PROVIDE WPC WATER PRESSURE GAUGE IN THE BAKERY OVEN WATER SUPPLY LINE DOWNSTREAM OF BACKFLOW PREVENTER. REFER TO SPECIALTY PLUMBING FIXTURE SCHEDULE. INSTALL GAUGE IN A LOCATION VISIBLE TO ASSOCIATES WITHOUT USING A LADDER. EXTEND PIPING TO GAUGE AS REQUIRED. PROVIDE CUSTOM ENGRAVED BLACK PHENOLIC NAMEPLATE FROM SETON COM OR EQUIVAL WITH MOUNTING HOLES AND 1/4" TALL WHITE LETTERS: "OVEN WATER PRESSURE" AND ATTACH NAMEPLATE JUST BELOW THE GAUGE WITH STAINLESS STEEL AIRCRAFT CABLE.

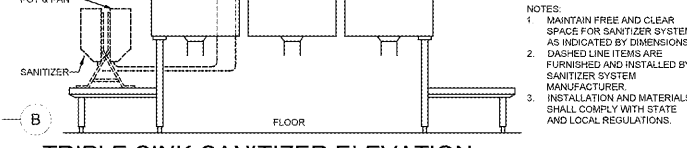
PLAN SIZE	PEX (COPPER)	POLYPROPYLENE	PEX (COPPER) HOT WATER	COLD WATER
1/2"	1/2"	1/2"	1/2"	1/2"
3/4"	3/4"	3/4"	3/4"	3/4"
1 1/4"	1 1/2"	1 1/4"	1 1/4"	1 1/2"
1 1/2"	2"	1 1/2"	1 1/2"	2"
2"	2 1/2"	2"	2"	N/A
2 1/2"	3"	2 1/2"	N/A	N/A
3"	3 1/2"	3"	N/A	N/A
4"	4"	4"	N/A	N/A

NOTE: REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS.

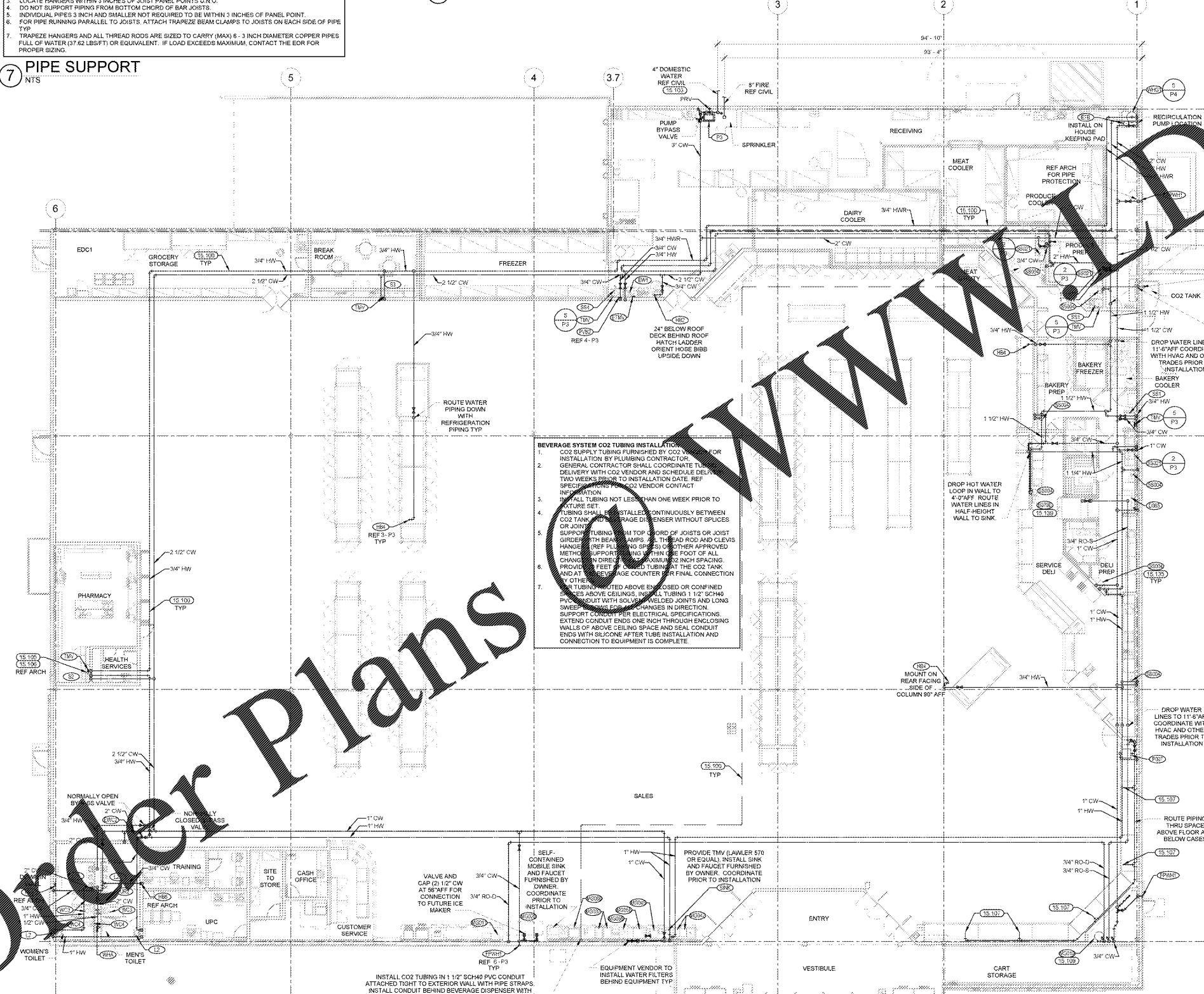
3 REFRIGERATED CASE-MOUNTED HOSE BIBB
NTS



2 TRIPLE SINK-SANITIZER ELEVATION
NTS



1 WATER PLAN
1" = 10'-0"



- BEVERAGE SYSTEM CO2 TUBING INSTALLATION
- CO2 SUPPLY TUBING FURNISHED BY CO2 INSTALLATION BY PLUMBING CONTRACTOR.
 - GENERAL CONTRACTOR SHALL COORDINATE TUBING DELIVERY WITH CO2 VENDOR AND SCHEDULE DELIVERY TWO WEEKS PRIOR TO INSTALLATION DATE. REFER TO BEVERAGE SYSTEM VENDOR CONTACT INFORMATION.
 - INSTALL TUBING NOT LESS THAN ONE WEEK PRIOR TO FUTURE SET.
 - TUBING SHALL BE INSTALLED CONTINUOUSLY BETWEEN CO2 TANK AND BEVERAGE DISPENSER WITHOUT SPICES OR JOINTS.
 - SUPPORT TUBING FROM TOP CHORD OF JOISTS OR JOIST GIRDERS WITH BEAM HANGERS, THRU BOLT AND CLEVIS HANGERS. REFER TO BEVERAGE SYSTEM VENDOR APPROVED METHOD OF SUPPORT AND THIN ONE FOOT OF ALL CHANGING DIRECTIONS. PROVIDE 1/2" INCH SPACING. PROVIDE 1/2" FEET OF TUBING AT THE CO2 TANK AND AT THE BEVERAGE COUNTER FOR FINAL CONNECTION BY OTHER TRADES.
 - CO2 TUBING ROUTED ABOVE ENCLOSED OR CONFINED SPACES ABOVE CEILING. INSTALL TUBING IN 1 1/2" SCH40 PVC CONDUIT WITH 1/2" HOLES AND LONG SWEEP. SUPPORT TUBING WITH BRACKET CHANGES IN DIRECTION. SUPPORT TUBING WITH ELECTRICAL SPECIFICATIONS. EXTEND CONDUIT ENDS ONE INCH THROUGH ENCLOSING WALLS OF ABOVE CEILING SPACE AND SEAL CONDUIT ENDS WITH SILICONE AFTER TUBE INSTALLATION AND CONNECTION TO EQUIPMENT IS COMPLETE.

1 WATER PLAN
1" = 10'-0"

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Walmart
APOPKA, FL
STORE NO. 0684
JOB NUMBER: 097-05-006 PHOTO 412

ISSUE BLOCK

DATE	REV #	DESCRIPTION
03/10/17	REV #3	
04/07/17	REV #5	

CHECKED BY: TDT
DRAWN BY: HE1
FILE NAME: P3
PROTO CYCLE: 10/28/16
DOCUMENT DATE: 01/09/17

BID SET.
NOT FOR
CONSTRUCTION

WATER PLAN
AND DETAILS