GROCERY PLUMBING EQUIPMENT CONNECTION SCHEDULE

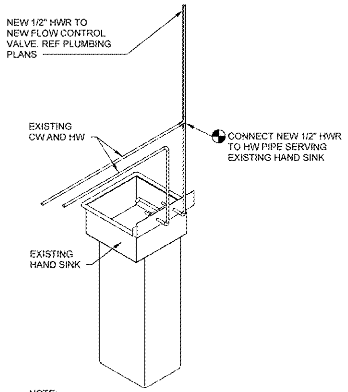
MARK	FIXTURE	BRANCH SIZES (MIN)						ROUGH-IN REQUIREMENTS	NOTES
		RO	CW	HW	WASTE	VENT	GAS		
P007C	PRODUCE MISTING SYSTEM	3/4"						RO WATER: 84" AFF	A, I, O
SS023	3-COMPARTMENT 34X104 WITH 20" DB		3/4"	3/4"	3"	1 1/2"		WATER: 12" AFF; WASTE: 12" AFF	C, D, F, S

GENERAL INFORMATION (ALL EQUIPMENT):

1. EQUIPMENT AND TRIM FURNISHED BY OWNER. ROUGH-IN AND FINAL CONNECTIONS BY PLUMBING CONTRACTOR, UNLESS NOTED OTHERWISE.

NOTES:

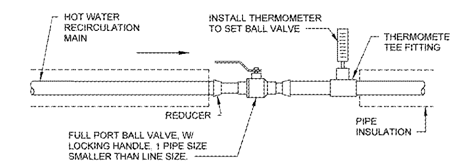
A. PROVIDE SHUT-OFF VALVES.
B. PROVIDE P-TRAP WITH CLEANOUT PLUG AND ESCUTCHEON.
C. PROVIDE CHROME PLATED ANGLE SUPPLY, FLEXIBLE RISER, AND WHEEL HANDLE WITH ESCUTCHEON.
D. SINK FAUCETS PROVIDED WITH INTEGRAL CHECK VALVES.
E. PROVIDE FULL-SIZE DRAIN LINE FROM EQUIPMENT, END OPEN OVER RECEPTOR WITH 2" AIR GAP.
F. IF PLUMBING PLAN SHOWS THE SINK INDIRECTLY CONNECTED TO FLOOR SINK, THEN WASTE ROUGH-IN HEIGHT AND VENT SIZE AND NOTE B DO NOT APPLY.
G. PROVIDE DOUBLE CHECK BACKFLOW PREVENTER ON WATER SUPPLY. PROVIDE FEMALE NPT VALVE DOWNSTREAM OF BACKFLOW PREVENTER FOR CONNECTION BY OTHERS.
H. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL FLEXIBLE WATER PIPING AND QUICK DISCONNECT TO EQUIPMENT.
I. PROVIDE STAINLESS STEEL DOUBLE CHECK BACKFLOW PREVENTER EQUAL TO WATTS SS007QT-S ON RO WATER SUPPLY. PROVIDE PEX TUBING ON DOWNSTREAM SIDE OF BACKFLOW PREVENTER.
J. INSTALL THERMOSTATIC MIXING VALVE FURNISHED WITH SINK WITH HARD-PIPED CONNECTIONS TO ANGLE STOPS AND FLEXIBLE CONNECTIONS BETWEEN THERMOSTATIC MIXING VALVE, FOOT PEDAL (PEDESTAL HAND SINK) OR KNEE LEVER (WALL MOUNTED HAND SINK) OR WRIST BLADE LEVERS (ADA WALL MOUNTED HAND SINK) AND SINK. SET AT 105°F.
K. IF RO WATER IS NOT AVAILABLE, PROVIDE INDIVIDUAL WATER FILTER PACKS AS REQUIRED BY WALMART CONSTRUCTION MANAGER.
L. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL EXPOSED DOUBLE CHECK BACKFLOW PREVENTER (WATTS #007 OR EQUAL).
M. PROVIDE COLD WATER INJECTOR OPTION IF ON PLAN OR REQUIRED BY AHJ. REQUIRES 1/2" CW LINE AT FLOOR DRAIN. MODEL #CWI-500.
N. REFER TO ARCHITECTURAL DRAWINGS FOR HAND SINK LEFT (L) AND RIGHT (R) DESIGNATIONS WHICH INDICATE INTEGRAL SPLASHGUARD LOCATIONS OR HAND SINK (H) FOR ADA DESIGNATION.
O. REFRIGERATION CONTRACTOR TO INSTALL MISTING SYSTEM. SUPPLY SIDE ROUGH-IN AND FINAL CONNECTION BY PLUMBING CONTRACTOR.
P. RO VENDOR SHALL BE RESPONSIBLE FOR LOCATIONS OF DRINK DISPENSER AND WATER FILTRATION EQUIPMENT AND ALL FINAL CONNECTIONS.
Q. PROVIDE 1 1/2" P-TRAP AT 12"AFF WITH 1 1/2" TO 3/4" REDUCER FOR CONNECTION TO RO WATER DISPENSER DRAIN.
R. PROVIDE 3/4" I.D. FEMALE FITTING AND SHUT-OFF FOR RO DISPENSER WATER CONNECTION AT 18"AFF.
S. INSTALL 1.2 GPM SPRAY HEAD ON PRE-RINSE SPRAYER FURNISHED BY FIXTURE MANUFACTURER. PLUMBING CONTRACTOR SHALL FURNISH ORIGINAL SPRAY HEAD TO OWNER.
T. EQUIPMENT FURNISHED WITH INTEGRAL BACKFLOW PREVENTER FOR CARBONATED WATER LINE.
U. FILTERED WATER PIPING TO EQUIPMENT IS PROVIDED UNDER SEPARATE CONTRACT.
V. PLUMBING CONTRACTOR SHALL PROVIDE INLINE FILTER PER MANUFACTURE 'S RECOMMENDATIONS.
W. PROVIDE 36" FLEXIBLE GAS CONNECTION
X. PROVIDE 48" FLEXIBLE GAS CONNECTION WITH QUICK DISCONNECT AND UPSTREAM GAS SHUT-OFF VALVE.



NOTE:

VERIFY SIZE AND LOCATION OF EXISTING DOMESTIC WATER SUPPLY PIPING AT SITE.

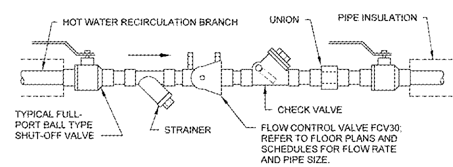
7 HAND SINK HWR CONNECTION
NTS



ADJUST BALL VALVE TO MAINTAIN A 5°F DROP IN HOT WATER LOOP (115°F). PERMANENTLY MARK BALL VALVE SETPOINT.

REFER TO SPECIFICATIONS, SCHEDULES, AND NOTES FOR MORE INFORMATION. MAKE CONNECTIONS AND PROVIDE INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS. ARRANGEMENT SHOWN IS SCHEMATIC: PROVIDE REDUCERS AND ADAPTERS AS REQUIRED.

6 BALANCING VALVE ASSEMBLY
NTS

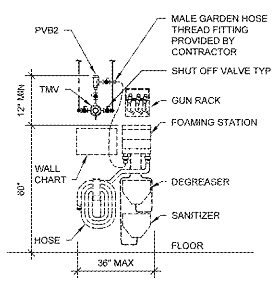


REFER TO SPECIFICATIONS, SCHEDULES, AND NOTES FOR MORE INFORMATION. MAKE CONNECTIONS AND PROVIDE INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS. ARRANGEMENT SHOWN IS SCHEMATIC: PROVIDE REDUCERS AND ADAPTERS AS REQUIRED.

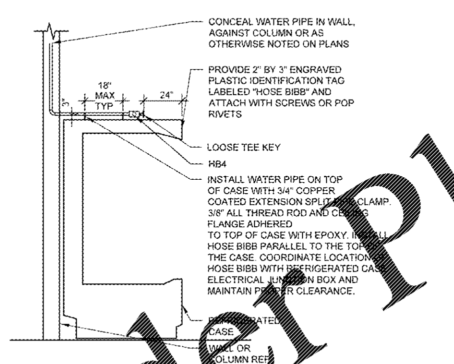
5 FLOW CONTROL VALVE TRAIN
NTS

NOTES:

1. MAINTAIN FREE AND CLEAR SPACE FOR SANITIZER SYSTEM AS INDICATED BY DIMENSIONS.
2. DASHED LINE ITEMS ARE FURNISHED AND INSTALLED BY SANITIZER SYSTEM MANUFACTURER.
3. INSTALLATION AND MATERIALS SHALL COMPLY WITH STATE AND LOCAL REGULATIONS.



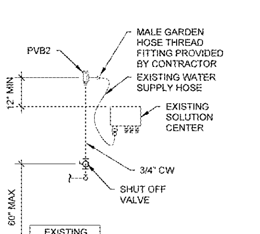
4 TEMPERED HOSE STATION SANITIZER ELEVATION
NTS



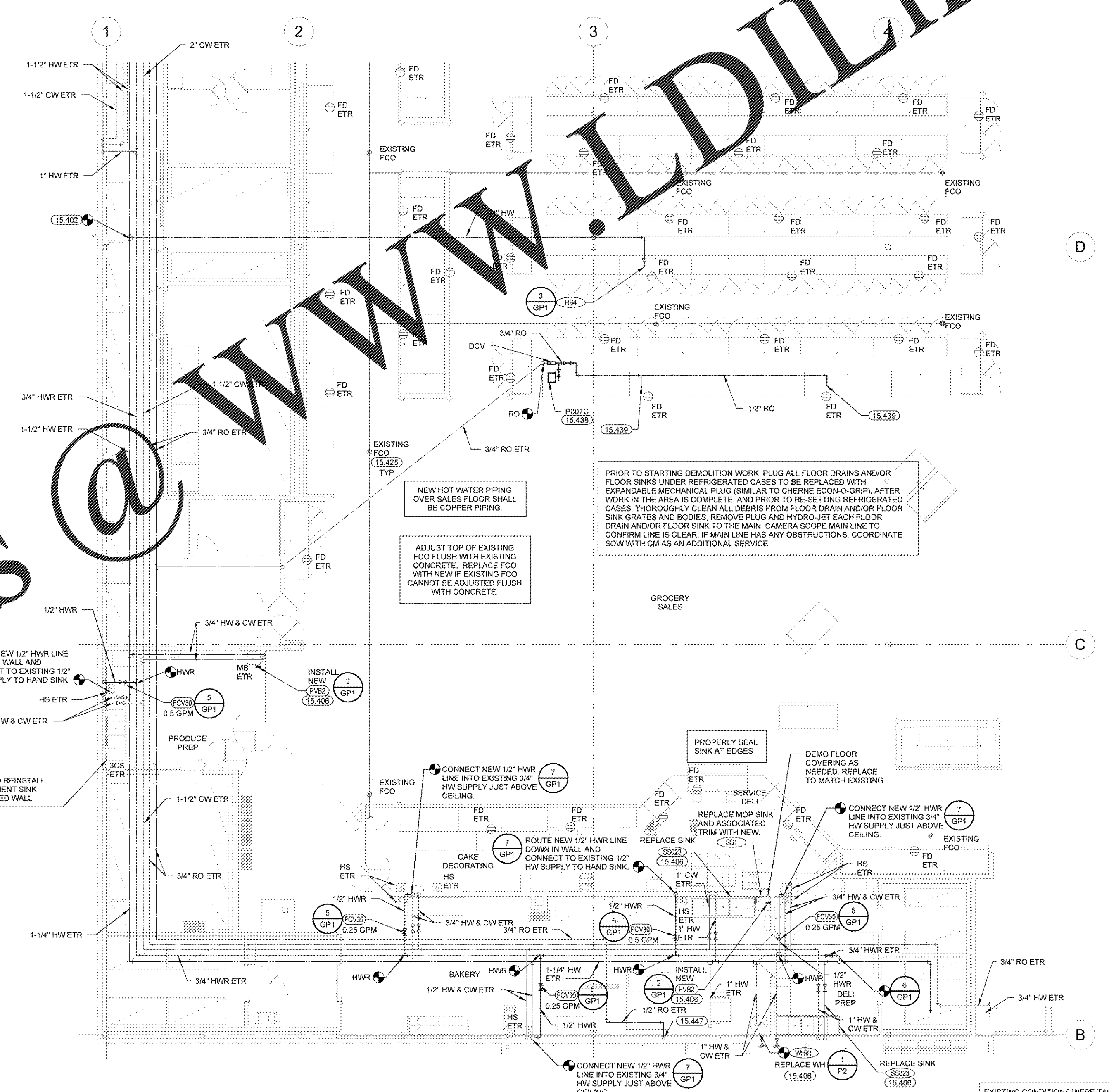
3 REFRIGERATED CASE MOUNTED HOSE BIBB
NTS

NOTES:

1. INSTALLATION AND MATERIALS SHALL COMPLY WITH STATE AND LOCAL REGULATIONS.
2. INSTALL SHUTOFF VALVE IN AN ACCESSIBLE LOCATION.



2 PRESSURE VACUUM BREAKER INSTALLATION
NTS



1 FRONT GROCERY PLUMBING PLAN
1/8" = 1'-0"

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT THEMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

FOOD PREP AREA NOTES

12.20.13

1. ROUTE ALL PIPING CONCEALED WITHIN STUD WALLS WHENEVER POSSIBLE.
2. ALL EXPOSED PIPE INSULATION SHALL BE CLAD PER SPECIFICATIONS. EXPOSED PIPING SHALL COMPLY WITH ONE OF THE FOLLOWING INSTALLATION OPTIONS:
   A. SURFACE MOUNTING PIPING WITH NON-CORROSIVE ANCHORS; SEAL BOTH SIDES OF PIPE TO SURFACE CONTINUOUSLY WITH SEALANT.
   B. INSTALL PIPING 1/2" OFF FACE OF SURFACE TO ALLOW FOR CLEANING. USE ONLY NON-CORROSIVE MATERIALS FOR ANCHORS AND SPACERS.
   C. COVER PIPING WITH 20 GAUGE STAINLESS STEEL BENT PLATES MOUNTED TO SURFACE WITH NON-CORROSIVE ANCHORS; APPLY CONTINUOUS SEALANT ALONG EDGES AND JOINTS.
3. PROPER INSTALLATION OF SEALANTS IS CRITICAL TO MEETING WALMART QUALITY STANDARDS. PROVIDE SEALANTS IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS. REFERENCE SECTION 07900 FOR SEALANT SCHEDULE.
4. INTERIOR SEALANTS USED IN FOOD PREP AREAS SHALL MEET USDA REQUIREMENTS FOR USE IN USDA REGULATED FACILITIES.
5. PROVIDE CONTINUOUS USDA APPROVED SEALANT AT ALL JOINTS BETWEEN MATERIALS ON WALLS IN FOOD PREPARATION, COOLER AND FREEZER AREAS. ALL JOINTS BETWEEN DISSIMILAR MATERIALS SHALL BE SEALED AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, REGARDLESS OF WHETHER SHOWN ON THE DRAWINGS FOR NOT.

KEYNOTES

15.402	CONNECT TO EXISTING HOT WATER PIPE OF EQUAL OR LARGER SIZE. VERIFY SIZE AND LOCATION AT SITE. PROVIDE SHUT-OFF VALVE IN NEW PIPE AT POINT OF CONNECTION.
15.406	PLUMBING CONTRACTOR TO MAKE ALL NECESSARY DISCONNECTS AND RECONNECTS OF PLUMBING FIXTURES BEING RELOCATED OR NEW.
15.425	REMOVE CONCRETE CLOSE TO RIM OF EXISTING FLOOR CLEANOUT AND ADJUST TOP OF FLOOR CLEANOUT FLUSH WITH FINISHED FLOOR. IF FLOOR CLEANOUT CANNOT BE ADJUSTED FLUSH WITH FINISHED FLOOR, REPLACE EXISTING FLOOR CLEANOUT WITH NEW FCO1.
15.438	CONTRACTOR TO INSTALL PRODUCE MISTING SYSTEM AND CONTROL BOX FURNISHED BY OWNER. CONTRACTOR TO PROVIDE FINAL TERMINATION TO INLET OF CONTROL BOX. EQUIPMENT SHALL BE LOCATED WHERE SHOWN ON DRAWING.
15.439	PROVIDE 1/2" RO WATER PEX PIPING ROUTED WITHIN REFRIGERATED CASE AND CONNECT TO FURNISHED SHUT-OFF VALVE FOR PRODUCE CASE CLEANOUT QUICK-CONNECT.
15.447	PROVIDE WPG 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 AND EXTEND PIPING TO GAUGE AS REQUIRED. PROVIDE CUSTOM ENGRAVED BLACK PHENOLIC NAMEPLATE FROM SETON.COM (OR EQUAL) WITH MOUNTING HOLES AND 1/4" TALL WHITE LETTERS "OVEN WATER PRESSURE" AND ATTACH NAMEPLATE JUST BELOW THE GAUGES WITH STAINLESS STEEL AIRCRAFT CABLE.

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NOT FOR CONSTRUCTION

FRONT GROCERY PLUMBING PLAN

SHEET: GP1

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