



REVISIONS		DATE
NO.	DESCRIPTION	

PLUMBING LEGEND	
	- BALL VALVE
	- CHECK VALVE (TYPICAL AT ALL MIXING FAUCETS)
	- HOSE BIBB
	- EXISTING LINE CAPPED OFF
	- CONNECT TO EXISTING
	- CUT TO THIS LOCATION
	- ABOVE FINISH FLOOR
	- BRANCH TO CONNECT
	- EXISTING
	- COLD WATER
	- HOT WATER
	- PRE-HEATED LINE
	- HOT WATER RETURN
	- UNDER SLAB WATER LINES
	- EXISTING PLUMBING LINE TO BE REMOVED

- GENERAL NOTES**
- ALL SUPPLY WATER PIPING TO BE:
    - HARD COPPER 1/2" W/ WROUGHT COPPER FITTINGS
    - INSULATED W/ 1/2" FIBERGLASS OR 3/8" ARMAFLEX
    - SUSPENDED FROM BAR JOISTS.
  - IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO COMPLY WITH STATE AND LOCAL PLUMBING CODES AND VERIFY THE ACCEPTABILITY OF NON-SPECIFIED SINKS, DRAINS AND RELATED ITEMS. REQUIREMENT ITEMS INCLUDING, BUT NOT LIMITED TO, GREASE INTERCEPTORS, BACKFLOW PREVENTORS AND SINKS.
  - FOOD LION WILL NOT ACCEPT PLASTIC COVERS FOR CLEANOUTS. COVERS SHALL BE MADE OF CAST IRON OR BRASS.
  - PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL CHECK VALVES ON THE COLD WATER SIDE OF ALL MIXING HOSE BIBBS AND FAUCETS (NOT INCLUDING HAND SINKS). ALL DEPARTMENTS (MEAT, PRODUCE, DELI/BAKERY) SHALL HAVE SHUT OFF VALVES ON BOTH COLD AND HOT WATER LINES.
  - SINKS IN MEAT PREP, PRODUCE PREP AND DELI PREP SHALL BE ORDERED AND INSTALLED WITH A 3" STANDOFF (EXCEPT HAND SINKS).
  - INSTALL AN EXPANSION TANK ON THE INLET SIDE OF ALL WATER HEATERS THAT HAVE THE BACKFLOW PREVENTER CHECK VALVES INSTALLED.
  - SEAL ALL PENETRATIONS IN JANITOR'S AREA WITH CAULK. (BEHIND ESCUTCHEONS)
  - THE EXISTING CONDITIONS INDICATED ON THIS SHEET ARE INTENDED TO CONVEY THE APPROXIMATE CONDITIONS OF THE BUILDING. ALL DATA SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE SUBMISSION OF BIDS AND/OR THE COMMENCEMENT OF WORK. ANY CONDITIONS WHICH DIFFER SUBSTANTIALLY FROM THAT INDICATED ON THE EXISTING CONDITIONS PLAN OR THE CONSTRUCTION DOCUMENTS, SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER AND FOOD LION CONSTRUCTION SUPERVISOR.

- DOMESTIC WATER KEY NOTES**
- EXTEND 1/2" CW SOFT COPPER SUPPLY TO NEW MISTING SYSTEM. PROVIDE 1/2" FPT BALL VALVE AND DOUBLE CHECK VALVE AT CONNECTION OF EXISTING CW SUPPLY. MOUNT TO WALL, COORDINATE EXACT LOCATION WITH CONSTRUCTION SUPERVISOR. DOUBLE CHECK VALVE ASSEMBLY SHALL BE EQUAL TO A WATTS SERIES 007LF.
- EXTEND 1/2" PEX SUPPLY ABOVE CEILING. PROVIDE SUPPORTS EVERY 24".
- EXTEND 1/2" PEX SUPPLY TO NEW MISTING SYSTEM SOLENOID/MANFOLD BOX ON TOP OF CASE. SEE 9/A3.02 FOR MISTING SYSTEM ISOMETRIC.
- EXTEND 1/2" CW SUPPLY CONCEALED IN WALL DOWN TO 4" ABOVE CASE FOR CASE WASH-DOWN. PROVIDE 1/2" FPT BALL VALVE AND DOUBLE CHECK VALVE AT CONNECTION OF EXISTING CW SUPPLY. TERMINATE WITH 1/2" FPT BALL VALVE AND QUICK DISCONNECT. COORDINATE EXACT LOCATION WITH CONSTRUCTION SUPERVISOR. DOUBLE CHECK VALVE ASSEMBLY SHALL BE EQUAL TO A WATTS SERIES 007LF. ALL PIPING AND ACCESSORIES SHALL BE CONCEALED FROM SALES FLOOR.
- INSTALL NEW TWO COMPARTMENT PRODUCE PREP SINK (P-27). EXTEND EXISTING 1/2" CW/HW LINE IN WALL TO NEW PREP SINK. SEE GENERAL NOTE No. 4. REPAIR WALL TO MATCH EXISTING.
- RELOCATE 1 COMPARTMENT DELI/BAKERY CHICKEN SINK (P-26) AS INDICATED ON SHEETS P1.01 AND P1.03. VERIFY LOCATION WITH OWNERS. EXTEND 1/2" HW/CW IN PARTIAL HEIGHT WALL AND CONNECT. SEE GENERAL NOTE No. 4. REPAIR WALL TO MATCH EXISTING.
- EXTEND 1/2" CW/HW IN PARTIAL HEIGHT WALL FOR NEW EYE WASH (P-33). MOUNT MIXING VALVE BELOW EYE WASH. EXTEND 1/2" TEMPERED WATER LINE FROM MIXING VALVE TO EYEWASH. VERIFY LOCATION WITH OWNER PRIOR TO CONSTRUCTION. REPAIR WALL TO MATCH EXISTING.
- INSTALL NEW EYE WASH (P-33) AS INDICATED. EXTEND 1/2" CW/HW LINES TO MIXING VALVE. MOUNT MIXING VALVE BELOW EYE WASH. EXTEND 1/2" TEMPERED WATER LINE FROM MIXING VALVE TO EYEWASH. VERIFY LOCATION WITH OWNER PRIOR TO CONSTRUCTION. SEE DETAIL 7/P5.01.
- RELOCATE EXISTING WATER COOLER TO MEET ADA REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION. ADJUST EXISTING WATER AND WASTE PIPING AS REQUIRED FOR RECONNECTION. REPAIR WALL TO MATCH EXISTING.
- EXTEND 1/2" CW TO NEW PRODUCE MAX FRESH. COORDINATE EXACT LOCATION WITH CONSTRUCTION SUPERVISOR.
- REMOVE EXISTING CW/HW SUPPLY LINES AS INDICATED AND CAP AT MAIN.

**BOWERS CONSULTING, PA**  
1620 South MLK, Jr. Avenue - Suite 106  
Salisbury, NC 28144  
T: 704-630-0075 F: 704-630-0051  
NC PE CORPORATION: C-1619  
DE PE CORPORATION: 4390  
VA PE CORPORATION: 0405001434

"PROFESSIONAL CERTIFICATION  
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland, License No. 41658, expiration date: 02/19/2022."

**Riddick Fiedler Stern**  
Architecture ■ Planning ■ Interior Design  
261 West Bute Street ■ Norfolk, VA 23510 ■ (757) 627-2791



**FOOD LION STORE 2560**  
7514 NORTH POINT ROAD  
EDGEMERE, MD 21219

**WATER PIPING PLAN**

**DRAWING FILE NAME**  
2560 P1.03\_00  
**RFS JOB #**  
2019-042  
**DATE**  
02/21/2020  
**P1.03**  
**4 OF 6**