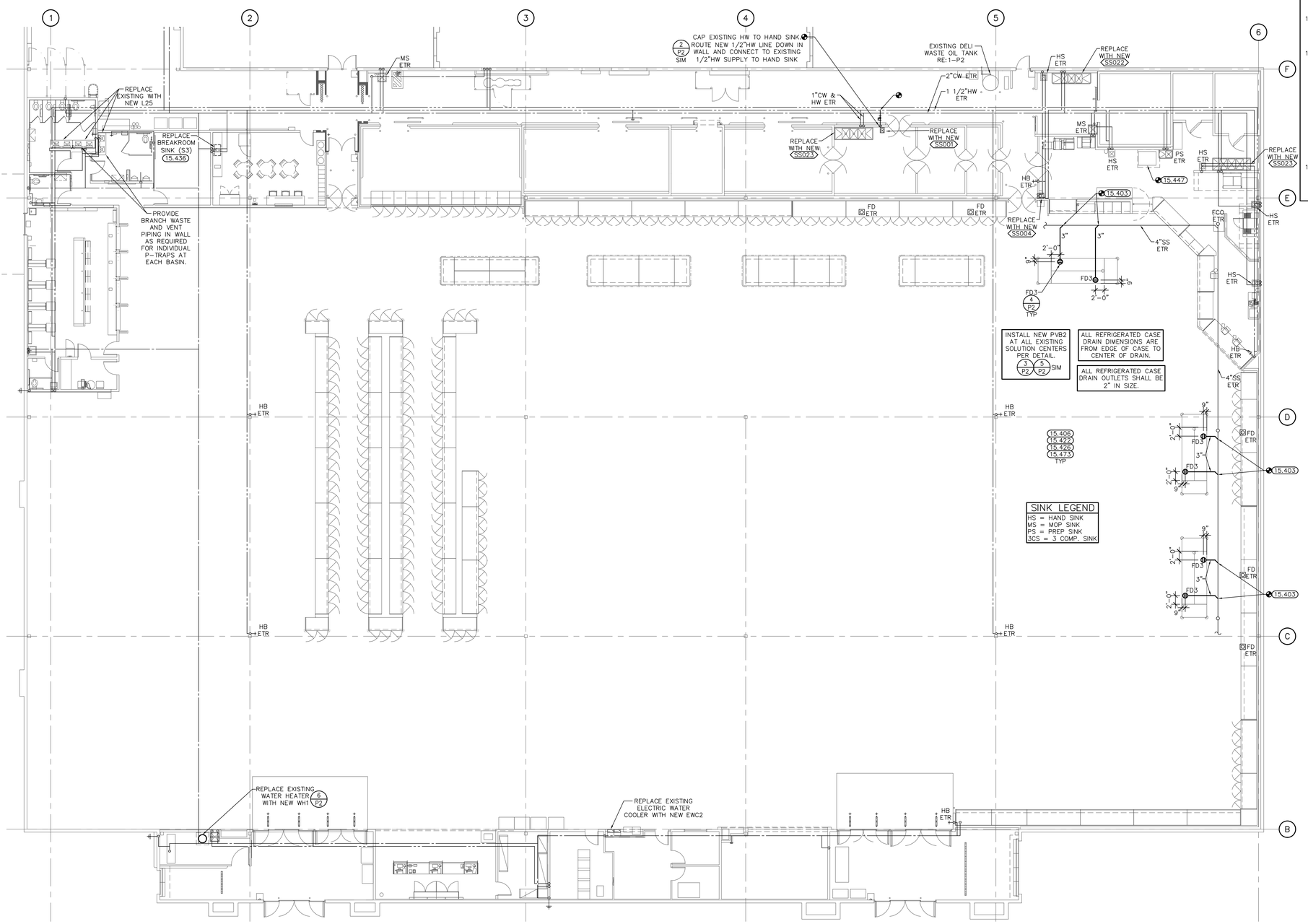

1 PLUMBING PLAN
1" = 10'-0"

PLUMBING KEYNOTES

15.403 CONNECT TO EXISTING SANITARY PIPE OF EQUAL OR LARGER SIZE. VERIFY SIZE, LOCATION, ELEVATION, AND FLOW DIRECTION AT SITE.

15.404 CONNECT TO EXISTING VENT PIPE OF EQUAL OR LARGER SIZE. VERIFY SIZE AND LOCATION AT SITE.

15.405 PROPERLY CAP, PLUG AND CONCEAL ANY PIPING LEFT IN PLACE. CAP ABANDONED SEWER PIPING A MINIMUM OF 8" BELOW FINISHED FLOOR. MATCH EXISTING FLOOR CONSTRUCTION AND FINISHES. RE: ARCHITECTURAL REMOVE UNUSED WATER AND VENT PIPING ABOVE CEILING AND CAP REMAINING PIPE.

15.406 PLUMBING CONTRACTOR TO MAKE ALL NECESSARY DISCONNECTS AND RECONNECTS OF PLUMBING FIXTURES BEING RELOCATED OR NEW.

15.422 EXISTING PIPING TO REMAIN (VERIFY LOCATION IN FIELD).

15.426 WHERE NEW REFRIGERATED CASES ARE REPLACING EXISTING CASES AT SAME LOCATION, EXISTING FLOOR DRAINS MAY BE REUSED IF EXISTING DRAIN IS IN AN ADEQUATE AND REUSABLE LOCATION (VERIFY IN FIELD).

15.436 REPLACE SINK AND ASSOCIATED TRIM,INCLUDING THE FAUCET, TAILPIECE,P-TRAP, SUPPLY LINES, AND SHUTOFF VALVES.

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.

15.473 SUPPORT NEW PIPING WITHIN STRUCTURE OR AS CLOSE TO BOTTOM OF STRUCTURE AS POSSIBLE. COORDINATE ROUTING WITH EXISTING EQUIPMENT.

GENERAL NOTES

1. EXISTING PIPE SIZES AND LOCATIONS HAVE NOT BEEN FIELD VERIFIED. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY LOCATION AND SIZES OF ALL EXISTING PIPING THAT IS BEING CONNECTED TO OR MODIFIED, AND TO VERIFY THAT PROPER SLOPES AND ELEVATIONS ARE AVAILABLE. MAINTAIN MINIMUM SLOPE OF 1/8" PER FOOT FOR SAN SEWER PIPING 3" OR LARGER. MAINTAIN MINIMUM SLOPE OF 1/4" PER FOOT FOR SAN SEWER PIPING SMALLER THAN 3". REF ARCH. FOR TRENCHING REQUIREMENTS.
2. PLUMBING CONTRACTOR SHALL VERIFY EXISTING SEWER AND VENT PIPE SIZE AND ELEVATION AND SHALL VERIFY THAT PROPER SLOPES ARE AVAILABLE BEFORE CUTTING FLOOR SLAB FOR NEW SEWER PIPING.
3. PROVIDE ACCESS DOORS TO NEW WATER VALVES AND CLEANOUTS AS NECESSARY WHEN INSTALLED IN INACCESSIBLE AREAS.
4. PLUMBING CONTRACTOR SHALL PROVIDE ONE YEAR WARRANTY FOR PROPER SEWER SYSTEM OPERATION.
5. SANITARY DRAINAGE LINES AND FITTINGS (DRAIN, WASTE AND VENT) SHALL BE CAST IRON, COATED INSIDE AND OUTSIDE. WHERE PERMITTED BY LOCAL CODES, PVC-DWV PLASTIC SCHEDULE 40 MAY BE USED IN LIEU OF CAST IRON. ALL PHOTOLAB PLUMBING SHALL BE PVC.
6. WATER PIPING ABOVE GRADE SHALL BE TYPE "L" HARD DRAWN COPPER JOINED WITH WROUGHT COPPER FITTINGS. MAKE JOINTS USING LEAD-FREE SOLDER AND A NON-CORROSIVE, PASTE-TYPE FLUX. MAKE PIPING CONNECTIONS TO A FIXTURE WITH CHROME-PLATED SEAMLESS BRASS TUBE. INSULATE HOT & COLD WATER PIPING WITH RIGID GLASS FIBER A MINIMUM OF 1/2" THICK WITH WHITE ALL-SERVICE JACKET (VAPOR RETARDER).
7. PROVIDE AUTOMATIC TRAP PRIMERS ON FLOOR DRAINS IF REQUIRED BY LOCAL PLUMBING CODES.

8-10. NOT USED.

11. CAP ALL PIPING OPENINGS DURING CONSTRUCTION UNTIL FINAL CONNECTIONS TO EQUIPMENT AND ACCESSORIES ARE MADE.
12. CUT AND PATCH EXISTING CONCRETE FLOOR SLAB FOR INSTALLATION OF NEW UNDERGROUND PLUMBING PIPE. MATCH EXISTING CONSTRUCTION.
13. DO NOT INSTALL PIPING WITHIN COOLER PANELS. INSTALL EXPOSED PIPING IN PREP AREAS A MINIMUM OF 1" FROM PANEL WALL AND 6" ABOVE FINISHED FLOOR TO ALLOW FOR CLEANING. USE ONLY NON-CORROSIVE MATERIALS FOR SPACERS AND ANCHORS.
14. PROVIDE ESCUTCHEON PLATES FOR PLUMBING PENETRATIONS THROUGH GROCERY CEILINGS AND WALLS.
15. PROVIDE AIR TIGHT SEAL AROUND PIPING PENETRATIONS THROUGH COOLER/FREEZER WALLS AND CEILINGS. FINISH WITH ESCUTCHEON PLATE.
16. PROVIDE HEAT TAPE AND INSULATION ON ALL WATER AND DRAIN PIPING EXPOSED TO FREEZING.
17. INSTALL CONTINUOUS SEALANT JOINT AT ALL EXTERIOR WALL PENETRATIONS.
18. AT CONTRACTOR'S OPTION (UNO), IN LIEU OF COPPER WATER PIPING, PEX OR AQUATHERM PIPING MAY BE USED. REFER TO EQUIVALENT NOMINAL PIPE SIZES SCHEDULE AND SPECIFICATIONS.
19. PROVIDE SEISMIC BRACING BASED ON APPROPRIATE SEISMIC ZONE REQUIREMENTS PER SMACNA PUBLISHED SEISMIC DETAILS, LOCAL AND NATIONAL CODES. CONTRACTOR'S RESPONSIBILITY INCLUDES STRUCTURAL ENGINEER'S CERTIFICATION ON DETAILS SUBMITTED FOR PERMITTING.
20. BUILDING COMPONENTS ABANDONED BY THE SCOPE OF WORK SHALL BE SECURED TO PREVENT FALLING, LOOSENING, OR CREATING DAMAGE OF ANY KIND IN THE FUTURE.

FOOD PREP AREA NOTES

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.
   - 2.A. SURFACE MOUNTING PIPING WITH NON-CORROSIVE ANCHORS; SEAL BOTH SIDES OF PIPE TO SURFACE CONTINUOUSLY WITH SEALANT.
   - 2.B. INSTALL PIPING 1/2" OFF FACE OF SURFACE TO ALLOW FOR CLEANING. USE ONLY NON-CORROSIVE MATERIALS FOR ANCHORS AND SPACERS.
   - 2.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 SPECFICATIONS. REFERENCE SECTION 07900 FOR SEALANT SCHEDULE.
4. INTERIOR SEALANTS USED IN FOOD PREP AREAS SHALL MEET THE 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.
6. ALL JOINTS BETWEEN DISSIMILAR MATERIALS SHALL BE SEALED AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, REGARDLESS OF WHETHER SHOWN ON THE DRAWINGS OR NOT.

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.

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Walmart Neighborhood Market
FORT WORTH, TX
STORE NO. 2979-211
GENERAL REMODEL
JOB NUMBER: USNR-006304

ISSUE BLOCK

	02/12/18	PERMIT/ BID
	30 X 42	SHEET SET

CHECKED BY:	BJR
DRAWN BY:	JJB
PROTO:	52
PROTO CYCLE:	12/29/17
DOCUMENT DATE:	02/12/18

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JEFFERY DON FERGUSON, P.E.
ENGINEER OF RECORD
CA # F-2220

PLUMBING PLAN

SHEET: P1

Feb 09, 2018 - 11:28am - USER jblankenship
W:\Suprctrs\2018 Remodels\2979-211 Fort Worth TX\Drawings\3100 - P1 PLUMBING PLAN - 2979.dwg