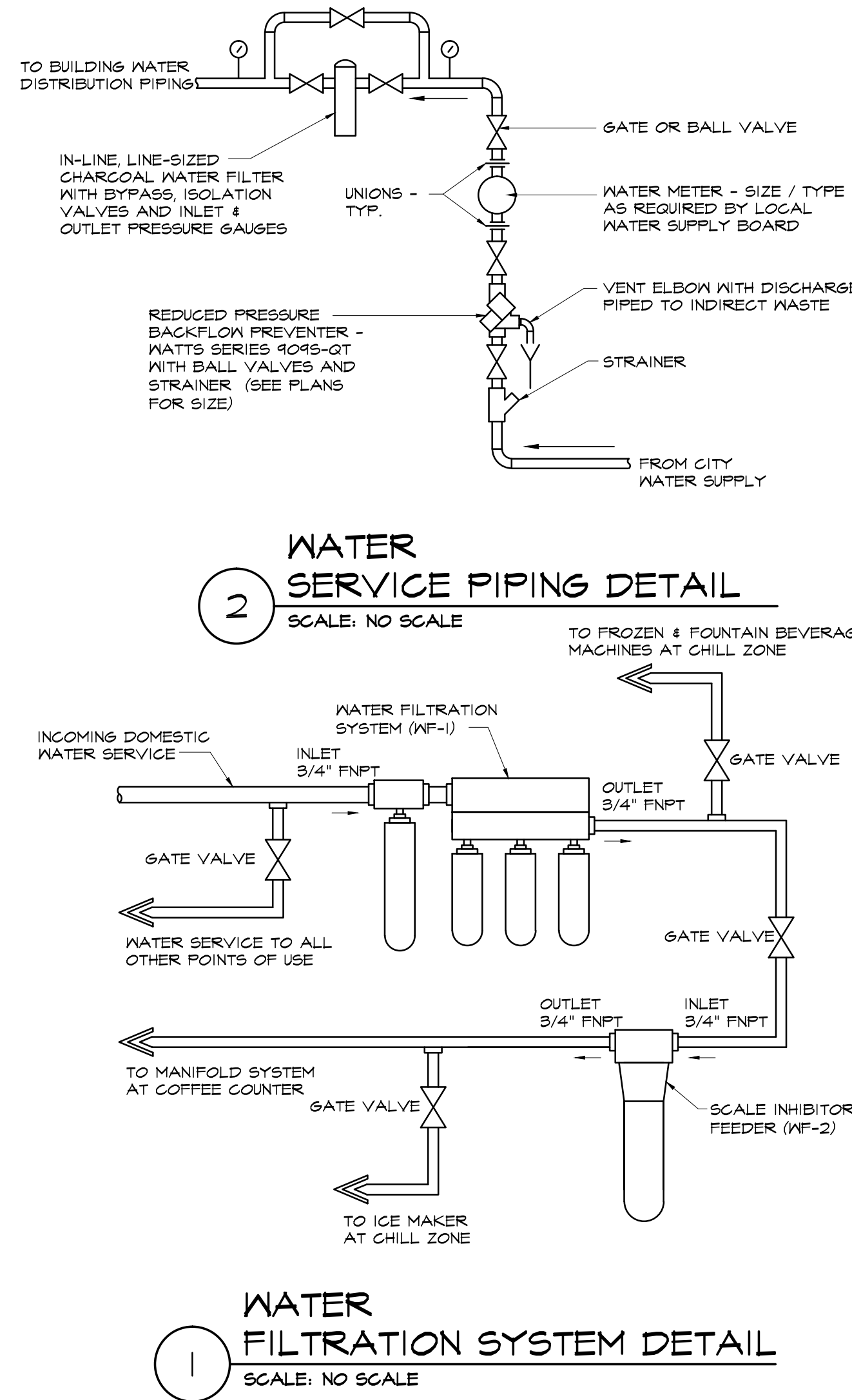


- PLUMBING NOTES**
- 1) THE PLUMBING CONTRACTOR SHALL COORDINATE ALL WORK TO BE PERFORMED WITH THE GENERAL, HVAC AND ELECTRICAL CONTRACTORS. ANY WORK DONE BY THIS CONTRACTOR WHICH INTERFERES WITH WORK BY OTHERS AND WHICH WAS NOT FIRST COORDINATED SHALL BE REMOVED AND RELOCATED AT PLUMBING CONTRACTOR'S EXPENSE.
 - 2) THIS CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL UTILITIES AND THE PLACEMENT OF ALL PLUMBING EQUIPMENT PRIOR TO THE START OF HIS WORK. NO EXTRAS WILL BE ALLOWED DUE TO EQUIPMENT LOCATION CHANGE FROM THAT ON THE DRAWINGS.
 - 3) IT IS THE INTENT THAT THE WORK SHALL BE COMPLETE IN EVERY RESPECT AND THAT ANY MATERIAL OR WORK NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS BUT NECESSARY TO FULLY COMPLETE THE WORK SHALL BE PROVIDED. THE LOCATION OF SOME ITEMS SHOWN ON THE DRAWINGS MAY BE APPROXIMATE AND THE OWNER SHALL HAVE THE RIGHT TO MAKE MINOR REVISIONS BEFORE THE WORK IS INSTALLED WITHOUT ADDITIONAL COST.
 - 4) ALL WORK SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES AND OWNER'S MINIMUM REQUIREMENTS. WHERE CONFLICTS OCCUR, THE MOST STRINGENT REQUIREMENTS SHALL BE MET.
 - 5) THIS CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY VALVES, TRAPS AND ALL CONTROL DEVICES REQUIRED FOR PROPER COMPLETION OF UTILITY PIPING.
 - 6) STORM, WASTE AND VENT PIPING SHALL BE CAST IRON. HOWEVER, PVC PIPING MAY BE USED WHENEVER PERMITTED BY OWNER AND LOCAL AUTHORITY, IF APPROVED BY ARCHITECT/ENGINEER (PRIOR TO INSTALLATION).
 - 7) WATER PIPING SHALL BE TYPE "L" COPPER WITH LEAD-FREE SOLDER JOINTS AND NON-CORROSIVE LEAD-FREE FLUX.
 - 8) DOMESTIC WATER PIPING SHALL BE INSULATED WITH JOHNS MANVILLE MICRO-LOK, OR APPROVED EQUAL, A MINIMUM OF 1/2" FIBERGLASS INSULATION FOR PIPES LESS THAN 1 1/2" IN DIAMETER AND 1" FIBERGLASS INSULATION FOR PIPES 1 1/2" IN DIAMETER OR GREATER. SEAL ALL JOINTS.
 - 9) ALL WATER PIPING SHALL BE CONCEALED WITHIN A WALL OR PIPE CHASE EXCEPT FOR THOSE CHROME PLATED PORTIONS THAT ARE REQUIRED TO MAKE FINAL CONNECTIONS TO PLUMBING FIXTURES.
 - 10) PROVIDE CHROME PLATED ESCUTCHEONS WHERE PIPES PENETRATE FLOORS, WALLS OR CEILINGS.
 - 11) ALL WATER SUPPLIES TO FIXTURES OR GROUP OF FIXTURES MUST INCLUDE WATER HAMMER ARRESTORS, SIZED IN ACCORDANCE WITH P.D.I. STANDARDS. AIR CHAMBERS WILL BE ALLOWED AS AN ACCEPTABLE ALTERNATE.
 - 12) PROVIDE WATER SUPPLY TO THE COFFEE COUNTER & CHILLZONE AND CONNECT TO ALL EQUIPMENT. A 3/4" PIPE IS TYPICALLY RUN ABOVE THE CEILING TO THE COFFEE BAR LOCATION. A MANIFOLD IS SET UP ON THE WALL BEHIND THE BASE CABINETS FOR FINAL CONNECTIONS. HOOK-UPS ARE 1/2" PIPE WITH BALL VALVE SHUT OFFS WITH 3/8" BARBS FOR CONNECTION TO THE EQUIPMENT USING FLEXIBLE PIPE.
 - 13) PROVIDE & INSTALL 1 BACKFLOW PREVENTER FOR THE ICE MAKER, 1 FOR THE COFFEE COUNTER & 1 FOR THE CHILL ZONE.
 - 14) INSTALL WATER FILTRATION SYSTEM. REFER TO SCHEMATIC LAYOUT FOR DETAILS. ENSURE THAT THE WATER PRESSURE COMING INTO THE FILTRATION SYSTEM IS LESS THAN 120 PSI. IF WATER PRESSURE IS GREATER THAN 120 PSI, INSTALL A PRESSURE REDUCING VALVE. A PRESSURE REDUCING VALVE IS TO BE PRESENT AT ANY JOB SITE. INCLUDE ALL COSTS ASSOCIATED WITH PROVIDING AND INSTALLING VALVE WITHIN THE BID.



- PLUMBING PRODUCT SPECIFICATIONS**
- WATER CLOSET (P-1)**
BOWL: MEETS ADA GUIDELINES & ANSI A117.1; FLOOR MOUNTED VITREOUS CHINA CLOSET BOWL WITH ELONGATED BOWL, CHINA BOLT CAPS, SIPHON JET FLUSHING, 128 GPF; MODEL #CT10BELN; COLOR: #01 COTTON, MANUFACTURED BY TOTO.
FLUSH VALVE: AUTOMATIC INFRARED SENSOR ACTIVATED, PISTON TOILET FLUSH VALVE, HEAVY-DUTY ZINC DIE CAST COVER WITH NICKEL CHROME FINISH, VANDAL RESISTANT HEX HEAD SCREWS, MANUAL OVERRIDE BUTTON, ANGLE STOP AND VACUUM BREAKER INCLUDED, MODEL #TET1GNC-32; MANUFACTURED BY TOTO.
SEAT: HIGH IMPACT SOLID PLASTIC OPEN FRONT TOILET SEAT WITH COVER FOR ELONGATED BOWL, ONE PIECE STAINLESS STEEL CONCEALED HINGES, MODEL #SG134; COLOR: #01 COTTON, MANUFACTURED BY TOTO.
- LAVATORY (P-2)**
BASIN: ANSI A112.1.2; VITREOUS CHINA WALL-HUNG LAVATORY, 20 1/2 INCH BY 18 1/4 INCH, WITH 4 INCH HIGH BACK, SINGLE CENTER HOLE, DRILLED FOR CONCEALED ARM CARRIER, MODEL "LUCERNE" #0356-42; COLOR: WHITE, MANUFACTURED BY AMERICAN STANDARD.
TRIM: MEETS ADA GUIDELINES & ANSI A117.1; AUTOMATIC INFRARED SENSOR ACTIVATED FAUCET, SINGLE HOLE, ANTI-SCALD, THERMAL MIXING CHAMBER, AUTOMATIC SENSOR ADJUSTMENT ON INSTALLATION, MAX DISCHARGE: 0.17 GALLONS PER 1086 CYCLE; MODEL #TE1566; DURATION AS SELECTED BY OWNER; MANUFACTURED BY TOTO.
FLOOR MOUNTED CONCEALED ARM LAVATORY CARRIER: WITH HEAVY GAUGE STEEL OFFSET UPRIGHTS WITH INTEGRAL WELDED FEET, ADJUSTABLE EPOXY COATED CAST IRON ARMS WITH LEVELING SCREWS AND BASIN LOCKING DEVICE, UPPER TIE ROD AND PLATED HARDWARE, MODEL #ACA-41; MANUFACTURED BY MATTS DRAINAGE.
- URINAL (P-3)**
MEETS ADA GUIDELINES & ANSI A117.1; HIGH EFFICIENCY 0.5 GPF; MODEL #UT44TE TOP SPUD; COLOR: WHITE, MANUFACTURED BY TOTO.
FLUSH VALVE: AUTOMATIC INFRARED SENSOR ACTIVATED, PISTON TOILET FLUSH VALVE, HEAVY-DUTY ZINC DIE CAST COVER WITH NICKEL CHROME FINISH, VANDAL RESISTANT HEX HEAD SCREWS, MANUAL OVERRIDE BUTTON, ANGLE STOP AND VACUUM BREAKER INCLUDED, MODEL #TEU1GNC-12; MANUFACTURED BY TOTO.
EPOXY COATED FLOOR MOUNTED URINAL CARRIER: WITH HEAVY GAUGE STEEL OFFSET UPRIGHTS WITH WELDED FEET, UNIVERSAL STEEL HANGAR SUPPORT PLATE WITH INTEGRAL MOUNTING BRACKETS AND PLATED HARDWARE, MODEL #CA-31; MANUFACTURED BY MATTS DRAINAGE.
- MOP BASIN (P-4)**
FIAT MODEL #MSB-2424 WITH MODEL 830-AA FAUCET W/ 0.50 GPM AERATOR.
- THREE BAY SINK (P-5)**
ADVANCED TABCO MODEL #FC3-1818-18 R OR L WITH T & S BRASS MODEL #T45B133 FAUCET WITH SPRAY AND MODEL #T45B136 SPOUT WITH DIFFUSER W/ 0.50 GPM AERATOR.
- CUSTOMER SERVICE SINK (P-6)**
ADVANCE TABCO MODEL # D1-1-10 PROVIDED BY MILLWORK SUPPLIER (ORION)
- CASHIER AREA SINK (P-7)**
DELFIELD MODEL #2010F61
- UTILITY HAND SINK (P-8)**
14 3/4" x 18 7/8" x 14-1/4" STAINLESS STEEL WALL MOUNT HAND SINK #HSA-10-FX-LRS AS MANUFACTURED BY EAGLE GROUP. SPLASHMOUNT GOOSENECK FAUCET WITH WRIST HANDLES, STAINLESS STEEL END SPLASHES, 3/8" CHROME SUPPLIES W/ ANGLE STOPS, ADJUSTABLE "P" BRASS TRAP TO SUIT DRAIN, TUBING DRAIN TO WALL, 1 1/4" IN. INLET, 1 1/2" OUTLET, ESCUTCHEON - CHROME FINISH.
- DOMESTIC WATER HEATER (P-9)**
12 GALLON WATER HEATER BRADFORD WHITE CORP. MODEL # LD-WH1203 (LIGHT DUTY WALL HUNG COMMERCIAL ELECTRIC)
- DOMESTIC WATER HEATER (P-10)**
40 GALLON WATER HEATER BRADFORD WHITE CORP. MODEL # M-2-40L6DS (LOWBOY RESIDENTIAL ELECTRIC)
- AUTOMATIC CONDENSATE REMOVAL PUMP (P-11)**
NOT USED
- WALL HYDRANT (P-12)**
ZURN MODEL #Z-1320-12-13 (3 GAL PER MINUTE AVERAGE)
- FLOOR SINK (P-13)**
JAY R. SMITH MFG. CO. - SANI-CEPTOR WASTE DRAIN MODEL #B1007-14 W/ NB RIM AND 2 1/2" SQ CENTER HOLE AND 1/2" TRAP PRIMER CONNECTION.
- FLOOR DRAIN (P-14)**
ZURN MODEL #2415B WITH TYPE B1 STRAINER AND 1/2" TRAP PRIMER CONNECTION.
- GREASE TRAP (P-15)**
AS REQUIRED - PROVIDE GREASE TRAP IN CONFORMANCE WITH LOCAL REQUIREMENTS
- DRINKING FOUNTAIN (P-17)**
ELKAY MODEL # EDFFBM1TRAC; TWO-LEVEL FOUNTAIN FURNISHED COMPLETE WITH FLEXI-GUARD FULLY ASSEMBLED WITH FRONT PUSH BUTTON, FLOW REGULATOR, STAINLESS STEEL BACK PANEL AND SURFACE MOUNTING PLATE.
- WATER FILTRATION SYSTEM (WF-1)**
EVERPURE-COLDRINK 3-MC SYSTEM (EV4328-03) WITH EVERPURE-MC REPLACEMENT CARTRIDGE-(EV4612-06) EVERPURE-EC210 PREFILTER CARTRIDGE -(EV4594-26)
- SCALE INHIBITOR FEEDER (WF-2)**
EVERPURE-SR-X FEEDER (EV4748-45) WITH EVERPURE-SS-1MF CARTRIDGE (EV4744-32)



AHARONIAN
& ASSOCIATES INC.
ARCHITECTS

310 George Washington Highway
Suite 100
Smithfield, Rhode Island
0 2 9 1 7

T 401-232-5010
F 401-232-5080
WWW.ARCH-ENG.COM

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REVISIONS

NUMBER	REMARKS	DATE
1	BUILDING DEPARTMENT COMMENTS	12/7/12

FOR PERMIT ONLY

PROJECT TITLE

Cumberland Farms
100 Crossing Blvd, Framingham, Massachusetts

STORE #
V0636

22905 S.R. 7

BOCA RATON, FL
Palm Beach County

DRAWING TITLE

PLUMBING DETAILS

DATE AUG 29, 2012	PROJ NO 11117
DRAWN BY BB	CHECKED BY AZ

DRAWING NUMBER

P2.1