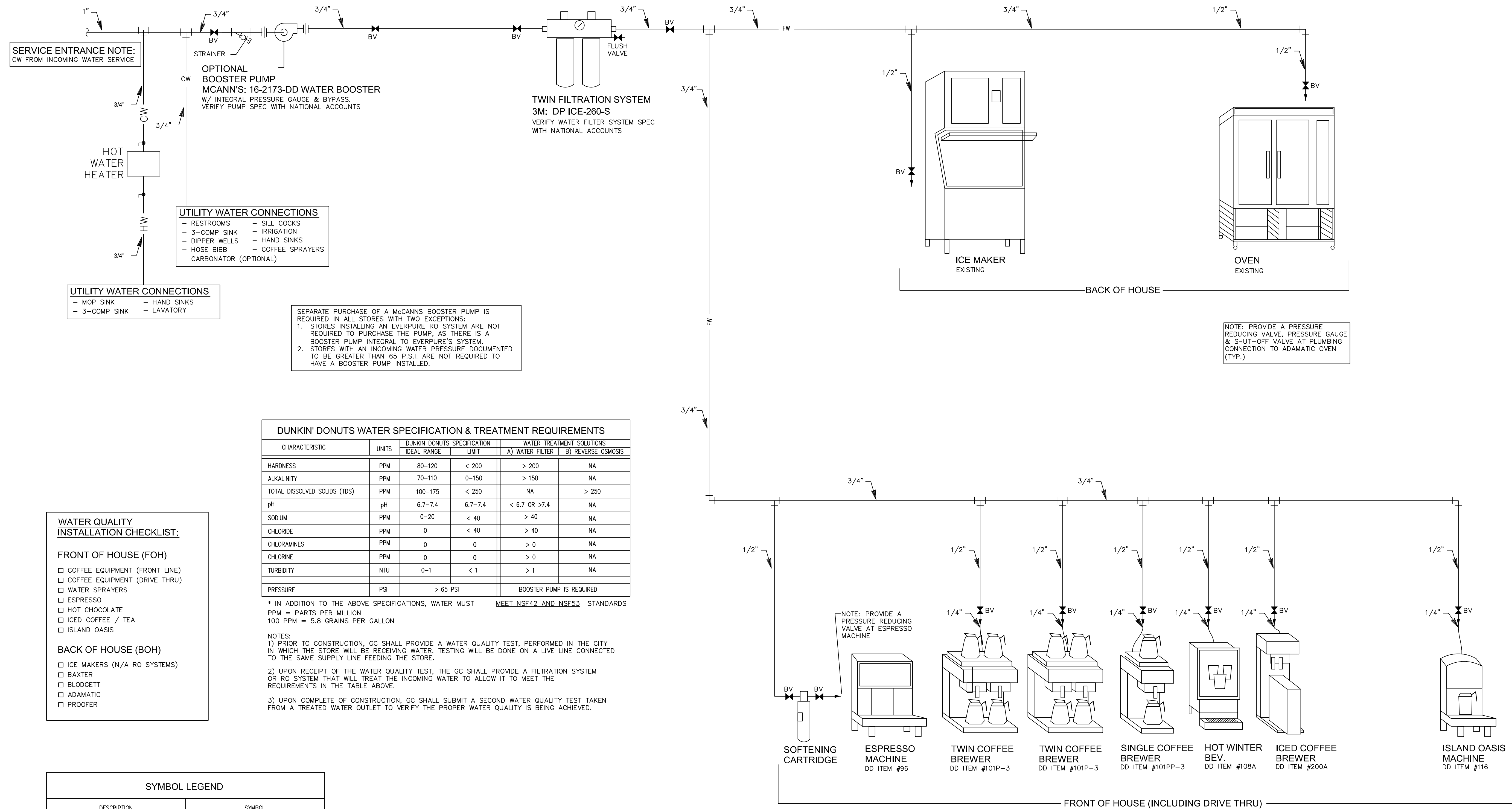


DATE	02-29-16	NOTED		ARL	D15098	R. MAHONEY
SCALE		DRAWN		JOB #		C.M.
REVISIONS						

STORE LOCATION:	PORTLAND, ME 598 WARREN AVE.
WATER FILTRATION SYSTEM DETAILS	
P.C. #:	339010
FRESH BREW IMAGE:	"DARK ROAST"



- UTILITY WATER CONNECTIONS**
- RESTROOMS
 - SILL COCKS
 - 3-COMP SINK
 - IRRIGATION
 - DIPPER WELLS
 - HAND SINKS
 - HOSE BIBB
 - COFFEE SPRAYERS
 - CARBONATOR (OPTIONAL)

- UTILITY WATER CONNECTIONS**
- MOP SINK
 - HAND SINKS
 - 3-COMP SINK
 - LAVATORY

SEPARATE PURCHASE OF A McCANN'S BOOSTER PUMP IS REQUIRED IN ALL STORES WITH TWO EXCEPTIONS:
1. STORES INSTALLING AN EVERPURE RO SYSTEM ARE NOT REQUIRED TO PURCHASE THE PUMP, AS THERE IS A BOOSTER PUMP INTEGRAL TO EVERPURE'S SYSTEM.
2. STORES WITH AN INCOMING WATER PRESSURE DOCUMENTED TO BE GREATER THAN 65 P.S.I. ARE NOT REQUIRED TO HAVE A BOOSTER PUMP INSTALLED.

DUNKIN' DONUTS WATER SPECIFICATION & TREATMENT REQUIREMENTS					
CHARACTERISTIC	UNITS	DUNKIN' DONUTS SPECIFICATION		WATER TREATMENT SOLUTIONS	
		IDEAL RANGE	LIMIT	A) WATER FILTER	B) REVERSE OSMOSIS
HARDNESS	PPM	80-120	< 200	> 200	NA
ALKALINITY	PPM	70-110	0-150	> 150	NA
TOTAL DISSOLVED SOLIDS (TDS)	PPM	100-175	< 250	NA	> 250
pH	pH	6.7-7.4	6.7-7.4	< 6.7 OR >7.4	NA
SODIUM	PPM	0-20	< 40	> 40	NA
CHLORIDE	PPM	0	< 40	> 40	NA
CHLORAMINES	PPM	0	0	> 0	NA
CHLORINE	PPM	0	0	> 0	NA
TURBIDITY	NTU	0-1	< 1	> 1	NA
PRESSURE	PSI		> 65 PSI	BOOSTER PUMP IS REQUIRED	

* IN ADDITION TO THE ABOVE SPECIFICATIONS, WATER MUST MEET NSF42 AND NSF53 STANDARDS
PPM = PARTS PER MILLION
100 PPM = 5.8 GRAINS PER GALLON

- NOTES:
1) PRIOR TO CONSTRUCTION, GC SHALL PROVIDE A WATER QUALITY TEST, PERFORMED IN THE CITY IN WHICH THE STORE WILL BE RECEIVING WATER. TESTING WILL BE DONE ON A LIVE LINE CONNECTED TO THE SAME SUPPLY LINE FEEDING THE STORE.
2) UPON RECEIPT OF THE WATER QUALITY TEST, THE GC SHALL PROVIDE A FILTRATION SYSTEM OR RO SYSTEM THAT WILL TREAT THE INCOMING WATER TO ALLOW IT TO MEET THE REQUIREMENTS IN THE TABLE ABOVE.
3) UPON COMPLETE OF CONSTRUCTION, GC SHALL SUBMIT A SECOND WATER QUALITY TEST TAKEN FROM A TREATED WATER OUTLET TO VERIFY THE PROPER WATER QUALITY IS BEING ACHIEVED.

- WATER QUALITY INSTALLATION CHECKLIST:**
- FRONT OF HOUSE (FOH)**
- COFFEE EQUIPMENT (FRONT LINE)
 - COFFEE EQUIPMENT (DRIVE THRU)
 - WATER SPRAYERS
 - ESPRESSO
 - HOT CHOCOLATE
 - ICED COFFEE / TEA
 - ISLAND OASIS
- BACK OF HOUSE (BOH)**
- ICE MAKERS (N/A RO SYSTEMS)
 - BAXTER
 - BLODGETT
 - ADAMATIC
 - PROOFER

SYMBOL LEGEND	
DESCRIPTION	SYMBOL
COLD WATER PIPING (UNFILTERED)	CW
FILTERED WATER	FW
RO WATER	RO
BALL VALVE	BV
UNION	
STRAINER	⊥
CHECK VALVE	CV