

Ron Renza, P.E.

3231 Drone Field Road
 Lakeland, FL 33811 (883) 946-1258

DUNKIN'

dunkin'
 brands.
 STORE #358032
 US-11W
 BRISTOL, TN

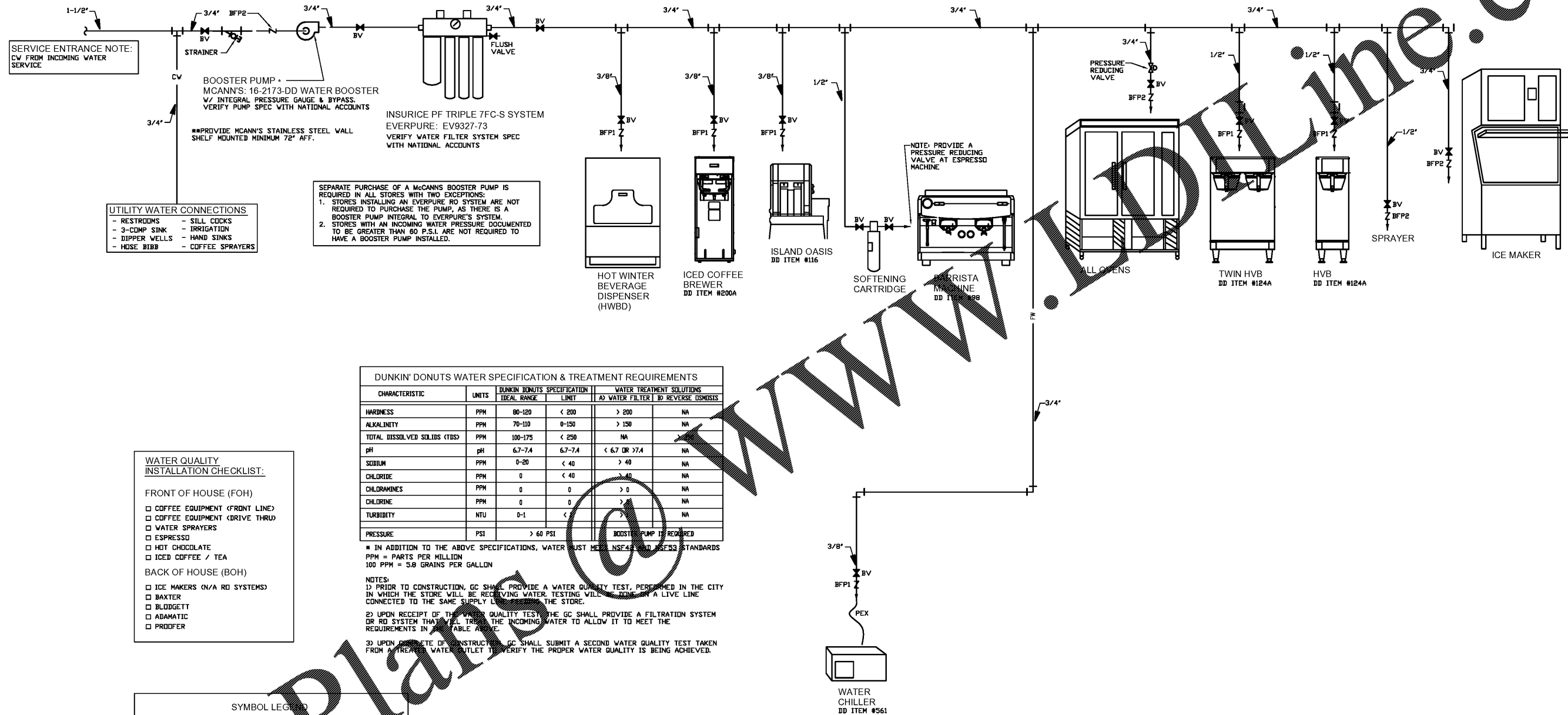
REVISION		
No.	DATE	DESCRIPTION

DWG DATE: 2-1-2019
 DRAWN BY: STAFF
 PROJECT No.: 17182
 DWG TITLE:

**FILTRATION
 SYSTEM
 DIAGRAM**

SHEET No.

P-4



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

SEPARATE PURCHASE OF A MCANN'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 60 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	PPH	90-120	< 200	> 200	NA
ALKALINITY	PPH	70-110	0-150	> 150	NA
TOTAL DISSOLVED SOLIDS (TDS)	PPH	100-175	< 250	NA	NA
pH	pH	6.7-7.4	6.7-7.4	< 6.7 OR > 7.4	NA
SODIUM	PPH	0-20	< 40	> 40	NA
CHLORIDE	PPH	0	< 40	> 40	NA
CHLORAMINES	PPH	0	0	> 0	NA
CHLORINE	PPH	0	0	> 0	NA
TURBIDITY	NTU	0-1	< 1	> 1	NA
PRESSURE	PSI	> 60 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 RUN ON A LIVE LINE CONNECTED TO THE SAME SUPPLY LINE AS 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 THIS TABLE.
 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
- BACK OF HOUSE (BOH)
- ICE MAKERS (N/A RO SYSTEMS)
 - BAXTER
 - BLDGGETT
 - ADAMATIC
 - PROOFER

SYMBOL LEGEND

DESCRIPTION	SYMBOL
COLD WATER PIPING (UNFILTERED)	— CW —
FILTERED WATER	— FW —
RO WATER	— RO —
BACK VALVE	⊗ BV
UNION	— U —
STRAINER	⊘
CHECK VALVE	Z CV

WATER FILTER PLUMBING DIAGRAM
 NO SCALE

Order Plans

www.dunkinonline.com