

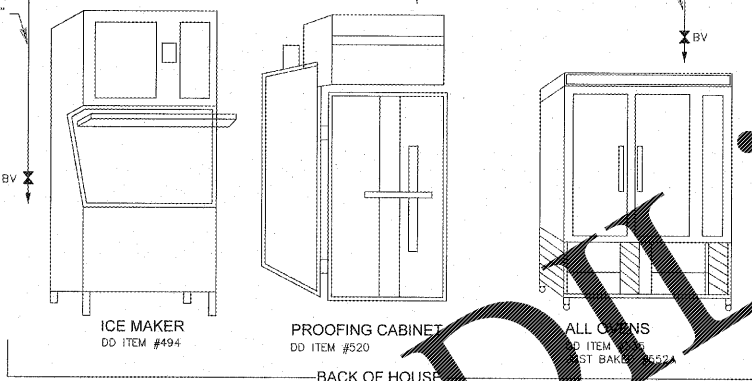
SERVICE ENTRANCE NOTE:
CW FROM INCOMING WATER SERVICE

OPTIONAL BOOSTER PUMP
MCANN'S 16-2173-DD WATER BOOSTER
W/ INTEGRAL PRESSURE GAUGE & BYPASS
VERIFY PUMP SPEC WITH NATIONAL ACCOUNTS

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

TWIN FILTRATION SYSTEM
3M: DP ICE-260-S
VERIFY WATER FILTER SYSTEM SPEC WITH NATIONAL ACCOUNTS



BOH EQUIPMENT LAYOUT TYPICAL FOR ALL COMBOS W/ DUNKIN' DONUTS PRESENT AND AT ALL DUNKIN' DONUTS INDIVIDUAL STORES. QUANTITY & TYPES OF EQUIPMENT MAY VARY BASED ON DUNKIN' DONUTS FIXTURE LAYOUT.

NOTE: OVEN IS OPTIONAL IN THE SUPPORT AREA.
NOTE: PROVIDE A PRESSURE REDUCING VALVE, PRESSURE GAUGE & SHUT-OFF VALVE AT PLUMBING CONNECTION TO ADAMATIC OVEN (TYP.)

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	

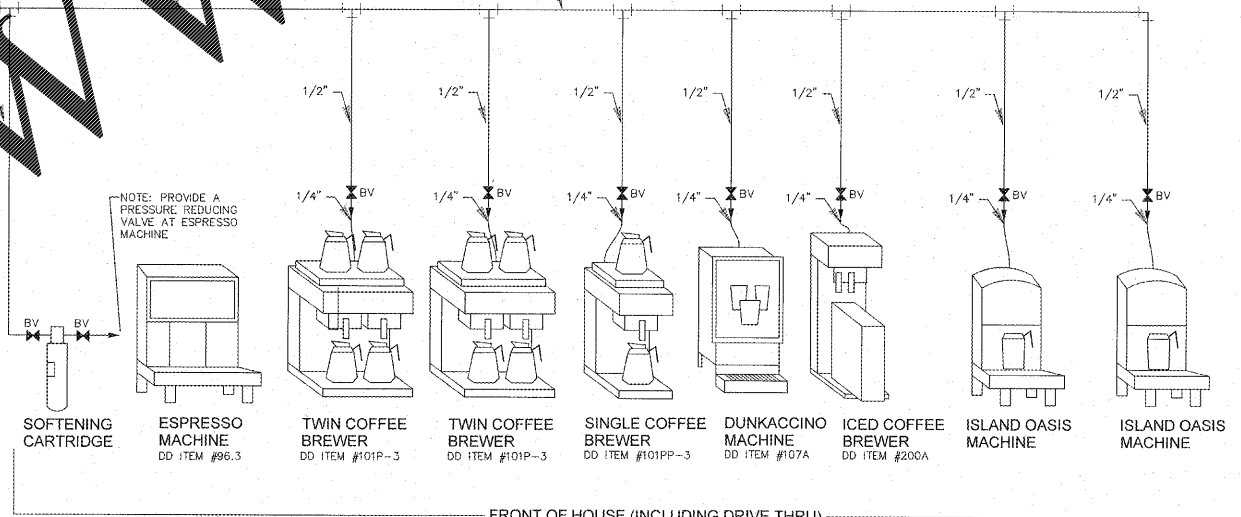
* IN ADDITION TO THE ABOVE SPECIFICATIONS, WATER MUST MEET NSF42 AND NSF53 STANDARDS
PPM = PARTS PER MILLION
100 PPM = 5.8 GRAINS PER GALLON

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 MAINTAINED.

- 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	
BALL VALVE	
UNION	
STRAINER	
CHECK VALVE	CV



NOTE: PROVIDE A PRESSURE REDUCING VALVE AT ESPRESSO MACHINE

FOH EQUIPMENT LAYOUT TYPICAL FOR ALL COMBOS W/ DUNKIN' DONUTS PRESENT AND AT ALL DUNKIN' DONUTS INDIVIDUAL STORES. QUANTITY & TYPES OF EQUIPMENT MAY VARY BASED ON DUNKIN' DONUTS FIXTURE LAYOUT.

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 65 P.S.I. ARE NOT REQUIRED TO HAVE A BOOSTER PUMP INSTALLED.

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dunkin' brands

PROJECT NO.: 17229

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STATE OF NORTH CAROLINA
REGISTERED PROFESSIONAL ENGINEER
No. 162828

DATE	SCALE	DRAWN	CKD	APPD
3-18-18				

NO	DESCRIPTION	DATE	SET REVISIONS	SHEET REVISIONS

DD FRESH BREW 1.0
DUNKIN DESIGN GUIDELINES

PLUMBING - 3M
WATER FILTRATION SYSTEM

PC NUMBER

P-4.3