



1 WATER PLUMBING SUPPLY PLAN
 PI SCALE: 1/4" = 1'-0"

NEW BUILDING FOR:

 INTERSECTION OF DAVENPORT & ALABAMA AVENUE
 BREMEN, MISSISSIPPI 39140
 CELL # 252 0065
 AMERICAN DAIRY QUEEN
 MINNEAPOLIS, MN U.S.A.
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PLUMBING
 WATER SUPPLY
 PLAN

SHEET NUMBER:
 P1

EQUIPMENT	MAKE	MODEL	STANDARD
MOP SINK	WATTS	9D	ASSE 1012 ASSE 1001
LAVATORY	AIR GAP	-	ASSE A112.1.2
WATER CLOSET	AIR GAP	-	ASSE A112.1.2
URINAL	AIR GAP	-	ASSE A112.1.2
SCRUB SINK	AIR GAP	-	ASSE A112.1.2
VEGETABLE SINK	AIR GAP	-	ASSE A112.1.2
HAND SINK	AIR GAP	-	ASSE A112.1.2
BOWL WASH SINK	AIR GAP	-	ASSE A112.1.2
HOT WATER DISPENSER	WATTS	SS007M3QT-S	ASSE 1015
DRINK HEAD/CARBONATOR	WATTS	SS007M3QT-S	ASSE 1015
ICE MAKER	WATTS	SS007M3QT-S	ASSE 1015
COFFEE MAKER	WATTS	SS007M3QT-S	ASSE 1015
WATER FILTER	WATTS	LF0093	ASSE 1013
WATER HEATERS	WATTS	SS007M3QT	ASSE 1020
HOSEBIBB	INTEGRAL VACUUM BREAKER		

PROVIDE APPROPRIATE BACKFLOW PREVENTER AT OTHER EQUIPMENT AS REQUIRED BY CODE

EQUIPMENT	QTY	F.U.	TOTAL
MOP SINK	1	3	3
WATER CLOSET - TANK TYPE	3	5	15
URINAL	1	5	5
LAVATORY	2	2	4
BOWL WASH TABLE	1	4	4
SCRUB SINK	1	4	4
VEGETABLE SINK	4	4	4
HAND SINK	3	2	6
HOT WATER DISPENSER	1	0.5	0.5
DRINK HEAD/CARBONATOR	1	0.5	0.5
ICE MAKER	2	0.25	0.5
COFFEE MAKER	1	0.5	0.5
HOSEBIBB	9	2	18
TOTAL			65.5

65.5 FIXTURE UNITS = 33 GPM = 1-1/2" DOMESTIC WATER SERVICE PER THE 2012 INTERNATIONAL PLUMBING CODE.

SYMBOL	DESCRIPTION
EX.	EXISTING
○	FLOOR DRAIN
●	FLOOR DRAIN W/FUNNEL
□	FLOOR SINK
○	YARD CLEAN OUT
D.C.O.	DOUBLE CLEAN OUT
F.C.O.	FLOOR CLEAN OUT
W.C.O.	WALL CLEAN OUT
V.T.R.	VENT THRU ROOF
B.F.P.	BACKFLOW PREVENTER
-----	WASTE - BELOW FLOOR
-----	SYRUP CHASE - BELOW FLOOR
-----	VENT
-----	FILTERED WATER
-----	DCW-DOMESTIC COLD WATER
-----	DHW-DOMESTIC HOT WATER (120F OR 110F)
-----	G-GAS PIPING (H) HIGH PRESSURE

- PLUMBING SUPPLY PLAN GENERAL NOTES
- REFER TO EQUIPMENT SCHEDULE FOR PLUMBING SPECIFICATIONS FOR EQUIPMENT PROVIDED BY OWNER AND/OR OTHERS.
 - PROVIDE SHUT OFF VALVES AT ALL FIXTURES.
 - CHEMICAL SANITIZER WITH HOT WATER (120°), IS ASSUMED FOR DISHWASHING IN STORE. LOCAL CODES SHOULD BE VERIFIED PRIOR TO CONSTRUCTION TO CONFIRM SPECIFIC REQUIREMENTS.
 - PLUMBING CONTRACTOR TO VERIFY IN FIELD ALL EXISTING UTILITIES, DIMENSIONS AND CONDITIONS PRIOR TO BIDDING AND CONSTRUCTION.
 - DIMENSIONS GIVEN TO ROUGH-INS ARE CRITICAL FOR EQUIPMENT PLACEMENT.
 - ALL DOMESTIC WATER PIPING INSULATED WITH 1" POLYETHYLENE THERMA-CELL INSULATION WITH ALL JOINTS AND SEAMS SEALED, OR EQUAL.
 - WATER PIPING CONTRACTOR MAY USE FLEXIBLE AND CONTINUOUS PIPING (ADJUST PIPE SIZES AS REQUIRED); ZURN "PEX" #C-D3-NSF-PW-CL-TD-ASTM, IF ALLOWED BY PREVAILING CODES.
 - THE WATER SOFTENER IF REQUIRED BY OWNER SHALL SERVE ALL FIXTURES OTHER THAN ICE MACHINES, DRINK SYSTEMS, ICED TEA BREWERS, COFFEE MAKERS, HOSE BIBBS, CARBONATORS AND ALL FILTERED WATER.
 - SEE BOOK SPECS FOR SPECIFICATIONS.

- PLUMBING SUPPLY PLAN KEY NOTES (#)
- CONNECT TO 1 1/2" CW TO SITE CONNECTION. FIELD VERIFY EXACT LOCATION AND WATER PRESSURE ON SITE. PROVIDE PRESSURE REDUCING VALVE AS NECESSARY.
 - WATER METER REMOTE READOUT LOCATED ON THE EXTERIOR WALL.
 - HALF HIGH WALL. NO FULL HEIGHT VERTICAL PLUMBING LINES.
 - SURFACE MOUNTED PLUMBING LINES
 - MAINTAIN CLEARANCE REQUIRED BY CODE BETWEEN THE SANITARY SEWER AND THE WATER LINE.
 - WATER FILTER SYSTEM SEE DETAIL 7/P5.
 - PROVIDE SHUT-OFF MOUNTED ABOVE CEILING, PIPE TO BE SLOPED AFTER SHUT-OFF VALVE TOWARDS HOSE BIBB TO ALLOW FOR DRAINING OF THE PIPE.
 - PLUMBING CONTRACTOR TO PROVIDE AND INSTALL A SHUT-OFF VALVE AND A STAINLESS STEEL BACKFLOW PREVENTOR AT CARBONATOR.
 - LOCATE FLUSH LEVER ON THIS SIDE OF TOILET PER ADA REQUIREMENTS.
 - 5/8" NPT PLASTIC CONDENSATE LINE TO F.D. SURFACE MOUNT TIGHT TO WALL. SLOPE TO DRAIN.

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