

GAS SCHEDULE				
ITEM	GAS SIZE CONN.	SERVICE	BTU/HR TOTAL	REMARKS
G1	2"	FOODSERVICE EQUIPMENT	600,000 TOTAL BTU/HR	TOTAL OF ALL COOKING EQUIPMENT (INCL. G2 TACO COUNTER PIPED SEPARATELY).
G29	1"	2 BANK FRYERS	150,000 BTU/HR	QUICK DISCONNECT USED AT 2 BANK FRYER.
G31	1"	GRIDDLE	120,000 BTU/HR	QUICK DISCONNECT USED AT GRIDDLE.
G39	1"	REETHERMALIZER	90,000 BTU/HR	QUICK DISCONNECT USED
G32	1"	STOCK POT RANGE	180,000 BTU/HR	QUICK DISCONNECT USED
G2	3/4"	TACO COUNTER	60,000 BTU/HR	QUICK DISCONNECT USED
(E)RTU1	1-1/4"	SPACE HEATING	144 MBH	EXISTING
(E)RTU2	1-1/4"	SPACE HEATING	144 MBH	EXISTING
(E)RTU3	1-1/4"	SPACE HEATING	144 MBH	EXISTING
(E)WH	1-1/4"	WATER HEATING	199 MBH	EXISTING
TOTAL	2" MAIN		1231 MBH	

PLUMBING FIXTURE TABULATION					
NUMBER	TYPE OF FIXTURE	CW FU PER FIXTURE	TOTAL CW FU UNITS	WASTE FU PER FIXTURE	TOTAL WASTE FU UNITS
2	WATER CLOSET	10	20	4	8
1	URINAL	1	5	2	2
2	LAVATORY	1	2	1	2
6	FLOOR DRAINS	-	-	2	12
6	FLOOR SINK	-	-	2	12
1	3-COMP SINK	4	4	6	6
1	PREP SINK	4	4	2	2
3	HAND SINK	2	6	2	6
1	MOP SINK	3	3	3	3
2	HOSE BIBB	2.5	5	0	0
TOTAL FIXTURE UNITS			49		53

DOMESTIC WATER AND WASTE/VENT FIXTURE COUNTS BASED ON 2012 IPC

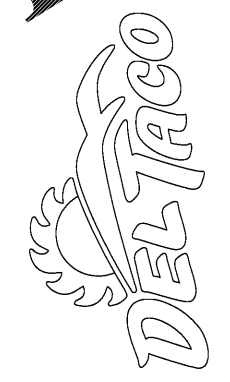
PLUMBING WATER SCHEDULE							
ITEM	SERVICE	CONN	SIZE	LOCATION	AFF	REMARKS	
7B	HAND SINK	H & C WATER, 8" O.C.	1/2"	WALL	12"	B.T.C. ON HAND SINK FAUCET. REFER TO ENGINEERS DRAWINGS FOR CHECK VALVE.	
16	COFFEE/TEA BREWER	COLD WATER	1/2"	WALL	42"	B.T.C. ON BREWER FROM CENTRAL FILTER. ITEM NO. 74.	
19	BEVERAGE SYSTEM	COLD WATER	1/2"	WALL	24"	B.T.C. ON SYSTEM FROM CENTRAL FILTER ITEM NO. 74.	
20	BEVERAGE SYSTEM	COLD WATER	1/2"	WALL	24"	B.T.C. ON SYSTEM FROM CENTRAL FILTER ITEM NO. 74.	
32A	REETHERMALIZER	HOT WATER	1/2"	WALL	10"	B.T.C. 140 DEGREE MIN.	
36	TACO COUNTER	HOT WATER	1/2"	CEILING	D.F.A.	B.T.C. TO AUTO WATER FILL FOR STEAM TABLE.	
41	BEVERAGE SYSTEM	COLD WATER	1/2"			B.T.C. ON SYSTEM FROM CENTRAL FILTER ITEM NO. 74.	
45	ICE MACHINE HEAD	COLD WATER	3/8"	WALL	5'-0"	B.T.C. ON ICE MACHINE THROUGH PROVIDED FILTER. JOHN GUESS FITTINGS.	
46	PRODUCE SINK	H & C WATER, 8" O.C.	3/4"	WALL	12"	B.T.C. ON PRODUCE FAUCET. MIN. 140 DEGREE HOT WATER.	
47	THREE COMP SINK	H & C WATER, 8" O.C.	3/4"	WALL	12"	B.T.C. ON SPRAY RINSE. MIN. 140 DEGREE HOT WATER.	
55	HAND SINK	H & C WATER, 8" O.C.	1/2"	WALL	12"	B.T.C. ON HAND SINK FAUCET. REFER TO ENGINEERS DRAWINGS FOR CHECK VALVE.	
72	MOP FAUCET	H & C WATER, 8" O.C.	3/4"	WALL	12"	REFER TO "P" SHEET TO COORDINATE.	
74	BEVERAGE FILTER	COLD WATER	3/4"	WALL	5'-0"	B.T.C. ON CENTRAL FILTER. PLUMBER TO ROUTE FILTERED WATER TO ALL BEVERAGE SYSTEMS. RPZ BY PLUMBING CONTRACTOR.	
76	ICE MACHINE	COLD WATER	3/8"	WALL	24"	B.T.C. ON ICE MACHINE THROUGH PROVIDED FILTER. JOHN GUESS FITTINGS.	
ECO	ECOLAB DISPENSER	COLD WATER	VERIFY	WALL	VERIFY	DEDICATED WATER SUPPLY REFER TO "P" SHEET TO COORDINATE.	

GREASE INTERCEPTOR SIZING			
NUMBER	TYPE OF FIXTURE	WASTE FU PER FIXTURE	TOTAL WASTE FU UNITS
4	FLOOR DRAINS	2	8
	FLOOR SINK	2	8
	3-COMP SINK	6	6
2	HAND SINK	2	4
1	MOP SINK	3	3
TOTAL FIXTURE UNITS			29

- FIXTURE UNIT VALUE BASED ON 2012 IPC, SEC. 709
- FLOW THROUGH TYPE GREASE INTERCEPTOR MINIMUM SIZE WILL BE 50 POUND GREASE CAPACITY PER 2012 IPC, TABLE 1003.3.4.1
- GRAVITY TYPE GREASE INTERCEPTOR SIZE BASED ON 24 GPM WITH 30 MIN RETENTION TIME (24 x 30 = 720) TO BE SIZED AT 1,000 GALLONS
- FIELD VERIFY THAT EXISTING GREASE INTERCEPTOR MEETS ALL APPLICABLE CAPACITY REQUIREMENTS

PIPE SIZE SCHEDULE			
PIPE MATERIAL: TYPE "L" COPPER			
PRESSURE LOSS 3.0 PSI/100FT.			
PIPE SIZE INCHES	HOT WATER (5FT/S)	COLD WATER TK (8FT/S)	COLD WATER FV (8FT/S)
1/2"	0	0	0
3/4"	4	4	0
1"	12	12	0
1 1/4"	24	24	0
1 1/2"	46	46	10
2"	119	155	63
2 1/2"	245	380	245
3"	406	665	596
4"	840	1668	1668

FIXTURE TESTING
 PLUMBING FIXTURES SHALL MEET THE DESIGN STANDARDS OF ASME A112.19.2/CSA B45.1 OR ASME A112.19.3/CSA B45.4



DO NOT SCALE DRAWINGS
 CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS - NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING CONSTRUCTION



JULY 5TH, 2018

NO REVISION

DEL TACO STORE - DT2017
 4525 JIMMY LEE SMITH PARKWAY
 HIRAM, GA 30141
 PAULTON COUNTY
 1ST PERMIT SUBMITTAL 05-18-18
 1ST BID SUBMITTAL 07-05-18

PROJECT NUMBER
2180148

SHEET NAME
PLUMBING SCHEDULES

SHEET NUMBER
P002

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