



PLAN NOTES

- 1 4" SANITARY WASTE PIPING. SEE CIVIL ENGINEERING DRAWINGS FOR CONTINUATION. COORDINATE EXACT INVERT ELEVATION WITH SITE CONDITIONS.
- 2 4" GREASE WASTE PIPING. SEE CIVIL ENGINEERING DRAWINGS FOR CONTINUATION. COORDINATE EXACT INVERT ELEVATION WITH SITE CONDITIONS.
- 3 4" VENT UP IN WALL FURRING.
- 4 VOID
- 5 3" VENT BELOW GRADE FROM GREASE TRAP.
- 6 3" VENT UP IN WALL FURRING.
- 7 OFFSET VENT LINES ABOVE FLOORING. ALWAYS ROUTE TO VTRS AT LOCATIONS SHOWN, TO AVOID COLLISIONS FOR BEM.
- 8 GREASE DISPOSAL LINE UNVENTED PERCH AGAINST WALL @ 3'-0" AFF (SEE DETAIL P/4). SHALL PROVIDE STAINLESS STEEL COVER TO CEILING. SEE GENERAL NOTE #18/P.O.
- 9 ROUTE DRAINAGE TO SINK UNDER ITEM K-32.
- 10 PVC LINE RUN THROUGH CEILING FOR CO2 AND SODA LINES. COORDINATE WITH THE SODA INSTALLER.
- 11 PROVIDE HEAT TRACE TAPE ON EXPOSED GREASE LINE FROM BUILDING TO TANK. SEE GENERAL NOTE #18/P.O.
- 12 3/4" CONDENSATE PIPING BRACED TO WALK-IN WALLS. SPILL W/INDIRECT CONNECTION INTO HUB DRAIN.
- 13 EXTEND CHICKEN VAT'S 2" COPPER INDIRECT WASTE LINE THROUGH COOLER WALL TO DISCHARGE INTO HUB DRAIN.
- 14 PROVIDE 1 1/2" INDIRECT WASTE FROM 1 COMPARTMENT SINK TO FLOOR SINK.
- 15 PROVIDE DRAIN LINE FROM REFRIGERATED BATTER TABLES TO HUB DRAIN.
- 16 PROVIDE 2" INDIRECT WASTE FROM 3 COMPARTMENT SINK TO FLOOR SINK.

NOTE: SEE CIVIL PLANS FOR GREASE TRAP.

1 PLUMBING PLAN - WASTE AND VENT
SCALE: 1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE														
MARK	FIXTURE	CONN.			MANUFAC. & MODEL	DESCRIPTION	MARK	FIXTURE	CONN.			MANUFAC. & MODEL	DESCRIPTION	
		W	CW	HW					W	CW	HW			
P-1	WATER CLOSET (HANDICAP)	4"	1-1/2"	-	AM. STD. 3461.001	VITREOUS CHINA, 16-1/2" HIGH ELONGATED BOWL, 1.6 GPF, SIPHON JET, W/ JURN Z-6000 W/S 1" VBYO FLUSH VALVE MOUNTED 11" ABOVE WATER CLOSET. CHURCH 9500CT OPEN FRONT SEAT, WHITE SOLID PLASTIC.	HD	HUB DRAIN	3"	-	-	-	SEE DETAIL SHEET P4	
P-2	WATER CLOSET (HANDICAP)	4"	1-1/2"	-	AM. STD. 3246.102	SAME AS "P-1" EXCEPT WITH RIGHT-HAND TRIP LEVER.	FCO	FLOOR CLEAN OUT	4"	-	-	-	PLASTIC ODDITIES PCO-700R	ADJUSTABLE CLEANOUT ASSEMBLY WITH BRONZE COVER AND METAL RING
P-3	LAVATORY (HANDICAP)	1-1/4"	1/2"	1/2"	AM. STD. 9141.011	WALL HUNG WITH 4" FAUCET HOLES 9141 011 - AM. STD. GLEN ROCK 1/2" CENTERSET LAVATORY FAUCET POLISH CHROME FINISH	GCO	GRADE CLEANOUT	4"	-	-	-	PLASTIC ODDITIES PGI-622R	PROVIDE WITH METAL RING
FD-A	FLOOR DRAIN	3"	-	-	PLASTIC ODDITIES PHD 822R	HEAVY DUTY ADJUSTABLE DRAIN WITH 5" NICKEL STRAINER W/ ROUND TOP	WCO	WALL CLEANOUT	SEE RISER	-	-	-	PLASTIC ODDITIES PIP SERIES	W/ S/S COVER PLATE SSA-600
FD-B	FLOOR DRAIN	3"	-	-	PLASTIC ODDITIES PHD 822R	SAME AS FD-A EXCEPT W/ 1/2" TRAP POWER CONNECTION	WHD	WALL HYDRANT	-	3/4"	-	-	WOODFORD MODEL 65	ANTI-SIPHON, AUTO DRAINING, W/ VACUUM BREAKER, FREEZELESS WALL HYDRANT, 3/4" MALE HOSE THREAD NOZZLE
FD-C	FLOOR DRAIN	4"	-	-	PLASTIC ODDITIES PHD 822R	HEAVY DUTY ADJUSTABLE DRAIN WITH 5.3" NICKEL STRAINER W/ ROUND TOP	MS-1	MOP SINK W/ FAUCET	3"	1/2"	1/2"	-	FIAT MSB 3624	MOLDED STONE 36X24 FAUCET W/ VACUUM BREAKERS, 830-AA, BASE & BRACKET 832-AA.
FS-A	FLOOR SINK	3"	-	-	PLASTIC ODDITIES PFS-300-T	3" FLOOR SINK WITH DOME TOP STRAINER, AND 3/4" GRATE	WH-1	WATER HEATER	-	1"	1"	-	RINNAI CU1991	INSTANTANEOUS NATURAL GAS, 199,000 BTUH INPUT, SEALED COMBUSTION DIRECT VENT, 4.2 GPM @ 80°F RISE. PROVIDE WITH MODEL MCC WALL MOUNTED CONTROLLER. REFER TO DETAIL 3/P4.
FS-B	FLOOR SINK	3"	-	-	JURN Z-1900-2-33 12"x12"x6" A.R.E.	3" FLOOR SINK, 12"x12" A.R.E SANI-FLOR RECEPTOR, ANTI SPLASH STRAINER, ACID RESIST. PORCELAIN ENAMEL INTERIOR AND SQ. TOP								

- NOTES:**
1. ALL VITREOUS CHINA FIXTURES SHALL BE WHITE.
 2. INSULATE ALL WATER AND WASTE PIPING UNDER LAVATORIES

PLUMBING FIXTURE SUMMARY

FIXTURE	QTY.	DRAIN			COLD WATER		HOT WATER	
		F.U.	SANITARY WASTE	GREASE WASTE	TOTAL F.U.	TOTAL C.W.	F.U.	TOTAL H.W.
WATER CLOSET (P1, P2)	2	4	8		8	25	50	
LAVATORY (P3)	2	1	2		2	2	4	2
HAND SINK (N10)	3	2	6		6	2	6	2
PREP SINK (A35L) **	1				3	3	3	3
3-COMP SINK (D40) **	1				3	3	3	3
HOSE BIB (WHD)	3				5	15		
WATER FILTER	2				1	2		
FLOOR DRAIN (FD-A)	7	2		14	14			
FLOOR DRAIN (FD-B)	2	2		4	4			
HUB DRAIN (HD)	4	2		8	8			
FLOOR SINK (FS-A, FS-B)	10	5		50	50			
MOP SINK (MS-1)	1	2		2	2	3	3	3
TOTAL				16	78	94	86	19.0

BASED ON 2018 SCPC - PLUMBING
40.0 FU = 25.0 GPM USE 1-1/2" COLD WATER SERVICE
19.0 FU = 13.5 GPM USE 1" HOT WATER SERVICE
GREASE WASTE = 67 WFU USE 4" SANITARY (GREASE)
TOTAL SANITARY = 84 WFU USE 4" SANITARY
** FIXTURE HAS INDIRECT WASTE TO FLOOR SINK.

MSWG 8/5/2020
JOB NAME & NUMBER: 20-102 Popeye's Concord
Grease Interceptor Sizing - 248 CMR 10.09

GREASE INTERCEPTOR SIZING CALCULATION										
ITEM	DESCRIPTION	BASIN SIZE	NO. OF BASINS	QUANTITY	VOLUME		% FULL	DRAINAGE FLOW PERIOD	FLOW (GPM)	
					CL. IN.	GAL.				
D40	SINK 3-COMP SINK 2-COMP	24 18 12	3	1	15,352	67.32	75	50.48	2	25.25
A35L	SINK 1-COMP	24 18 14	1	1	8,048	28.18	75	19.64	4	4.91
N10	LAV	10 14 5	1	3	2,100	9.69	75	8.52	6	1.14
	FSA	6 9 8	1	13	8,480	28.05	75	21.64	6	3.51
	FD	6 6 3	1	9	972	4.21	75	3.16	7	0.45
N20	MOP BASIN	36 24 10	1	1	8,640	37.40	75	28.05	2	14.03
					Total Capacity					49.28

- NOTES:**
1. REFERENCE 2018 SCPC, SECTIONS 709.2 AND 709.3 AND PDG-6101.
 2. ITEM 16 FLOW BASED ON ANTICIPATED FULL VOLUME DIVIDED BY THE DRAINAGE PERIOD.

PLUMBING LEGEND

- CONDENSATE DRAIN
 - DOMESTIC COLD WATER PIPING
 - EXIST. DOMESTIC COLD WATER
 - DOMESTIC HOT WATER PIPING
 - EXIST. DOMESTIC HOT WATER
 - FILTERED WATER
 - HOT WATER RECIRC
 - VENT PIPING
 - WASTE (SANITARY SEWER)
 - EXIST. WASTE (SANITARY SEWER)
 - GREASE WASTE
 - EXIST. GREASE WASTE
 - GAS PIPING
 - GAS VALVE
 - GAS SOLENOID VALVE
 - GATE VALVE
 - BALANCING VALVE
 - CHECK VALVE
 - UNION
 - PIPE UP
 - PIPE DOWN
 - FLOOR DRAIN
 - HUB DRAIN
 - FLOOR SINK
 - FLOOR CLEAN OUT
 - GRADE CLEAN OUT
 - WALL CLEAN OUT
 - KITCHEN EQUIPMENT ITEM NUMBER
 - P-1 FIXTURE DESIGNATION
 - AFF ABOVE FINISHED FLOOR
 - PC PLUMBING SUB-CONTRACTOR
 - GC GENERAL CONTRACTOR
 - MC MECHANICAL SUB-CONTRACTOR
 - EC ELECTRICAL SUB-CONTRACTOR
 - FCO FLOOR CLEAN OUT
 - WCO WALL CLEAN OUT
 - GCO GRADE CLEAN OUT
 - HB HOSE BIBB
 - FD FLOOR DRAIN
 - FS FLOOR SINK
 - HD HUB DRAIN
 - CW COLD WATER
 - HW HOT WATER
 - TW TEMPERED WATER
 - FW FILTERED WATER
 - AAV AIR ADMITTANCE VALVE (STUDDOR VENT)
 - TE INTO EXISTING
- NOT ALL SYMBOLS AND ABBREVIATIONS IN THIS LEGEND WILL APPEAR IN DRAWING.

NOTE TO PE SEALING DRAWINGS:
THE NUMBER OF SECTION MARKS SHOWN TO SANITARY AND NOT TO GREASE WASTE PIPING FROM JURISDICTION TO JURISDICTION FOR SEALING PURPOSES SHALL BE 100% LOCAL JURISDICTION. THESE MARKS ARE TO BE USED TO VERIFY IF ANY SECTION MARKS ARE TO BE USED TO SEAL. PER LOCAL JURISDICTIONS, THESE MARKS AND WASTE PIPER GRAPHS MUST BE INDICATED.

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ISSUANCE
 PERMIT SUBMITTAL 08/14/2020

REVISIONS
 NO. DATE DESCRIPTION

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 PROJECT MANAGER BSC
 PROFESSIONAL BSC
 DRAWN BY JSC
 CHECKED BY BSC

WASTE AND VENT PLAN
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