



1 PLUMBING PLAN - WASTE & VENT PLAN
1/4" = 1'-0"

- ### PLAN NOTES
- 4" SANITARY WASTE PIPING. SEE CIVIL ENGINEERING DRAWINGS FOR CONTINUATION. COORDINATE EXACT INVERT ELEVATION WITH SITE CONDITIONS.
 - 1-1/4" CONDENSATE PIPING BRACED TO WALK-IN WALLS. SPILL W/INDIRECT CONNECTION INTO HUB DRAIN. PROVIDE ELECTRICAL HEAT TRACE TAPE TO PREVENT CONDENSATE LINE FROM FREEZING.
 - CO2 AND SODA LINES WITH FILTERED WATER RUN OVERHEAD RUN OVERHEAD IN CEILING SPACE. (BY VENDOR)
 - DROP PIPING DOWN IN WALL. STUB OUT OF WALL 116" AFF. PIPING SHALL BE ROUTED ON COOLER ROOF AND THEN DOWN TO GREASE CONTAINER.
 - PROVIDE HEAT TRACE TAPE ON EXPOSED GREASE LINE FROM BLDG. TO TANK. INSULATE EXPOSED EXTERIOR PIPING AS REQUIRED.
 - PROVIDE 1-1/2" INDIRECT WASTE FROM 1 COMP SINK TO FLOOR SINK.
 - ROUTE DRAINAGE TO FLOOR SINK UNDER SINK K-32. BATTER STATIC TO HUB DRAIN.
 - PROVIDE DRAIN LINE FROM REFR. BATTER STATIC TO HUB DRAIN.
 - GREASE DISPOSAL LINE MOUNTED FLUSH AGAINST WALL @ 3'-0" F.F. (SEE DETAIL) TO C.C. TO PROVIDE STAINLESS STEEL COVER TO CEILING.
 - PROVIDE 2" INDIRECT WASTE FROM 3 COMP SINK (FOR EACH SINK) TO FLOOR SINK.
 - 3" VENT UP IN WALL FURRING.
 - OFFSET VENT LINES ABOVE CEILING. AND ROUTE TO VTR'S AT LOCATIONS SHOWN. TO AVOID O.A. INTAKE FOR RTU.
 - PROVIDE (2) 3" PVC CONDUITS INSIDE WALL FOR BEVERAGE LINES. TERMINATE 18" A.F.F. WITH 45° SWEEP. TOP AND BOTTOM.
 - NOT USED
 - 3" VENT UP IN WALL. OFFSET VENT LINES ABOVE CEILING AND ROUTE TO VTR'S. ENSURE 10' CLEAR FROM RTU INTAKE.

EQUIPMENT SCHEDULE

QTY.	TAG	DESCRIPTION
2	A11.3	Fryer Battery, 3-20", Electric
1	A35.L	Sink, 1 Compartment, Left Hand Drain Board, 52"
1	A47.4	Ice Batter/Sifter Table, 4 Pans, 100"
1	A93.1	Grease Collection System
1	D30	Packing Station w/Cup Dispenser & Dipper Well
1	D40	Sink, 3 Compartment, 94" Long, 18" DB, R & L
1	DB1	Chubb Warmer, Elec. Rethermalizer
1	E10.1	Walk-In Cooler
1	E10.2	Walk-In Freezer
1	H10.3PD	Production Counter, Dual Line, 52 1/4" x 134" (Prince-Castle)
1	K11	Ice Cuber w/ Remote Condenser
1	K16	Ice Bin, 660 lbs
1	K20	Water Filter, Equipment
1	K31	Soda Dispenser, 8 Heads, Drop-In, Fast Flow Valves
1	K32	Soda Dispenser, 8 Heads, Counter w/ Ice Bin, Adapter Plate
1	K40	CO2 Tank, Bulk
1	K42	Bag-N-Box Rack /w 2 Carbonators on Shelves
1	K71	Brewer, Tea & Coffee
3	K72	Tea Dispenser, Urn, Solid Lid
3	N10	Hand Sink, w/ Hand Free Lever
1	N20	Mop Sink
1	N31	Water Heater

PLUMBING FIXTURE SUMMARY

FIXTURE	QTY.	DRAIN				COLD WATER		HOT WATER	
		D.F.U.	SAN. WASTE	GREASE WASTE	TOTAL D.F.U.	F.U. CW	TOTAL CW	F.U. HW	TOTAL HW
WATER CLOSET (P1,P2)	2	4	6		8	2	4		
LAVATORY (P5)	2	1	2		2	2	4	2	4
HAND SINK (N10)	3	2		6	6	2	6	2	6
PREP SINK (A35L) **	1				3	3	3	3	3
3-COMP SINK (D40) **	1				3	3			
HOSE BIBB (WHD)	2					5			
WATER FILTER	2					2			
FLOOR DRAIN (FD-A)	6	2			6				
FLOOR DRAIN (FD-B)	3	2	6		6				
FLOOR DRAIN (FD-C)	1	2		2	2				
HUB DRAIN (HD)	5	2		10	10				
FLOOR SINK (FS-A,FS-B)	8	5		40	40				
MOP SINK (MS-1)	1	2		2	2	3	3	3	3
TOTAL			16	72	88		35.00		19.0

BASED ON 2014 FBC PLUMBING
35.0 FU = 25.0 GPM USE 1 1/2" COLD WATER SERVICE
19.0 FU = 13.5 GPM USE 1" HOT WATER SERVICE

GREASE WASTE = 72 WFU USE 4" SANITARY (GREASE)
TOTAL SANITARY = 88 WFU USE 4" SANITARY

** FIXTURE HAS INDIRECT WASTE TO FLOOR SINK.

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"	1/2"	-	AM. STD. 2467.016	VITREOUS CHINA ENGLGATED BOWL 18 GALLON FLUSH W/WHITE PLASTIC OPEN FRONT SEAT. CHROME PLATED BRASS SUPPLY & STOP. AND PVC CLOSET FLANGE WITH WAX SEAL.	FCO	FLOOR CLEANOUT	4"	-	-	PLASTIC ODDITIES PCC-700R	ADJUSTABLE CLEANOUT ASSEMBLY WITH BRONZE COVER AND METAL RING
P-2	WATER CLOSET (HANDICAP)	4"	1/2"	-	AM. STD. 2467.016	SAME AS "P-1" EXCEPT WITH 4142.800 TANK WITH RIGHT-HAND TRIP LEVER.	GCO	GRADE CLEANOUT	4"	-	-	PLASTIC ODDITIES PGI-622R	PROVIDE WITH METAL RING
P-5	LAVATORY (HANDICAP)	1-1/4"	1/2"	1/2"	KOHLER K-2035-8	WALL HUNG WITH 4" FAUCET HOLES. AM STD. 605B ELEC. PROX. LAV. FAUCET LONG LIFE BATTERY - 6053.205 G.C. TO PROVIDE/INSTALL COMPATIBLE CONCEALED BRACKET CARRIER	WCO	WALL CLEANOUT	SEE RISER	-	-	PLASTIC ODDITIES PIP SERIES	W/S/S COVER PLATE SSA-600
FD-A	FLOOR DRAIN	3"	-	-	PLASTIC ODDITIES PHD 822R	HEAVY DUTY ADJUSTABLE DRAIN WITH 5" NICKEL STRAINER W/ROUND TOP FD-C. SAME AS FD-A. 4"	EW-1	ELECTRIC WATER HEATER	-	1"	1"	RHEEM E85-18-G	85 GALLONS STORAGE TYPE. 208V / 3PHASE. 18 KW. 50 AMPS, 74 GPH @ 100' F RISE. (6) HEATING ELEMENTS
FD-B	FLOOR DRAIN	3"	-	-	PLASTIC ODDITIES PHD 822R	SAME AS FD-A. EXCEPT W/1/2" TRAP PRIMER CONNECTION	MS-1	MOP SINK W/FAUCET	3"	1/2"	1/2"	FIAT MSB 2424	MOLDED STONE 24X24. 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	WHD-1	WALL HYDRANT	-	3/4"	-	WOODFORD MODEL 65	ANTI-SIPHON. AUTO DRAINING. W/ VACUUM BREAKER. FREEZELESS WALL HYDRANT. 3/4" MALE HOSE THREAD NOZZLE.
FS-B	FLOOR SINK	3"	-	-	ZURN Z-1900-2-33 12"X12"X6" A.R.E.	3" FLOOR SINK, 12"X12" A.R.E SANI-FLOOR RECEPTOR. ANTI SPLASH STRAINER. ACID RESIST. PORCELAIN ENAMEL INTERIOR AND SQ. TOP	WHD-2	WALL HYDRANT	-	3/4"	3/4"	JOSAM 71650	ANTI-SIPHON. AUTO DRAINING. W/ VACUUM BREAKER. FREEZELESS WALL HYDRANT. 3/4" MALE HOSE THREAD NOZZLE. HOT AND COLD WATER
HD-1	HUB DRAIN	3"	-	-	-	SEE DETAIL							

- ### NOTES:
- ALL VITREOUS CHINA FIXTURES SHALL BE WHITE.
 - INSULATE ALL WATER AND WASTE PIPING UNDER LAVATORIES WITH HANDY-SHIELD JACKET BY PLUMBEREX. (619) 633-1772.

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PROJECT ENGINEER: ARCHITECTURE ENGINEERING

CLIENT NAME: SOUTHEASTERN RETAIL DEVELOPMENT, LLC

PROJECT NAME: PLK 1930-28-DL SAILORMEN

PROJECT NO: 2020-085

ISSUE DATE: 05/07/20

DRAWN: GM CHECKED: RC

SHEET NO: P1

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