



1 PLUMBING PLAN – WASTE & VENT PLAN  
P1 1/4"=1'-0"

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	8		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-COMP SINK (D40) **	1					3	3	3	3
HOSE BIBB (WHD)	2						5	10	
WATER FILTER	2					1	2		
FLOOR DRAIN (FD-A)	6	2		12	12				
FLOOR DRAIN (FD-B)	3	2	6		6				
FLOOR DRAIN (FD-C)	1	2		2	2				
HUB DRAIN (HD)	4	2		8	8				
FLOOR SINK (FS-A,FS-B)	9	5		45	45				
MOP SINK (MS-1)	1	2		2	2	3	3	3	3
TOTAL			16	75	91		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 = 75 WFU USE 4" SANITARY (GREASE) TOTAL SANITARY = 91 WFU USE 4" SANITARY									
** FIXTURE HAS INDIRECT WASTE TO FLOOR SINK.									

- 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.

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, ENLOGATED BOWL 1.6 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 PCO-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-L	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 FD-C	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-H-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-FLOR 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							

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 @ 96" AFF INTO GREASE TANK. SEE GENERAL NOTE (SHEET: P0)
- PROVIDE HEAT TRACE TAPE ON EXPOSED GREASE LINE FROM BLDG. TO TANK. SEE GENERAL NOTE (SHEET: P0)
- PROVIDE 1-1/2" INDIRECT WASTE FROM 1 COMP SINK TO FLOOR SINK.
- ROUTE DRAINAGE TO FLOOR SINK UNDER ITEM K-32.
- PROVIDE DRAIN LINE FROM REFRIG. BATTERY STATION TO HUB DRAIN.
- GREASE DISPOSAL LINE MOUNTED FLUSH AGAINST WALL @ 3'-0"A.F.F. (SEE DTL 7/P4). G.C. TO PROVIDE STAINLESS STEEL COVER TO CEILING - SEE GENERAL NOTE #18/P0.
- 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
- OFFSET CONDENSATE LINE FROM FACE OF COOLER WALL TO AVOID ELECTRICAL CONDUIT
- 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
1	A11.6	Fryer Battery, 6-20", 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	D81	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