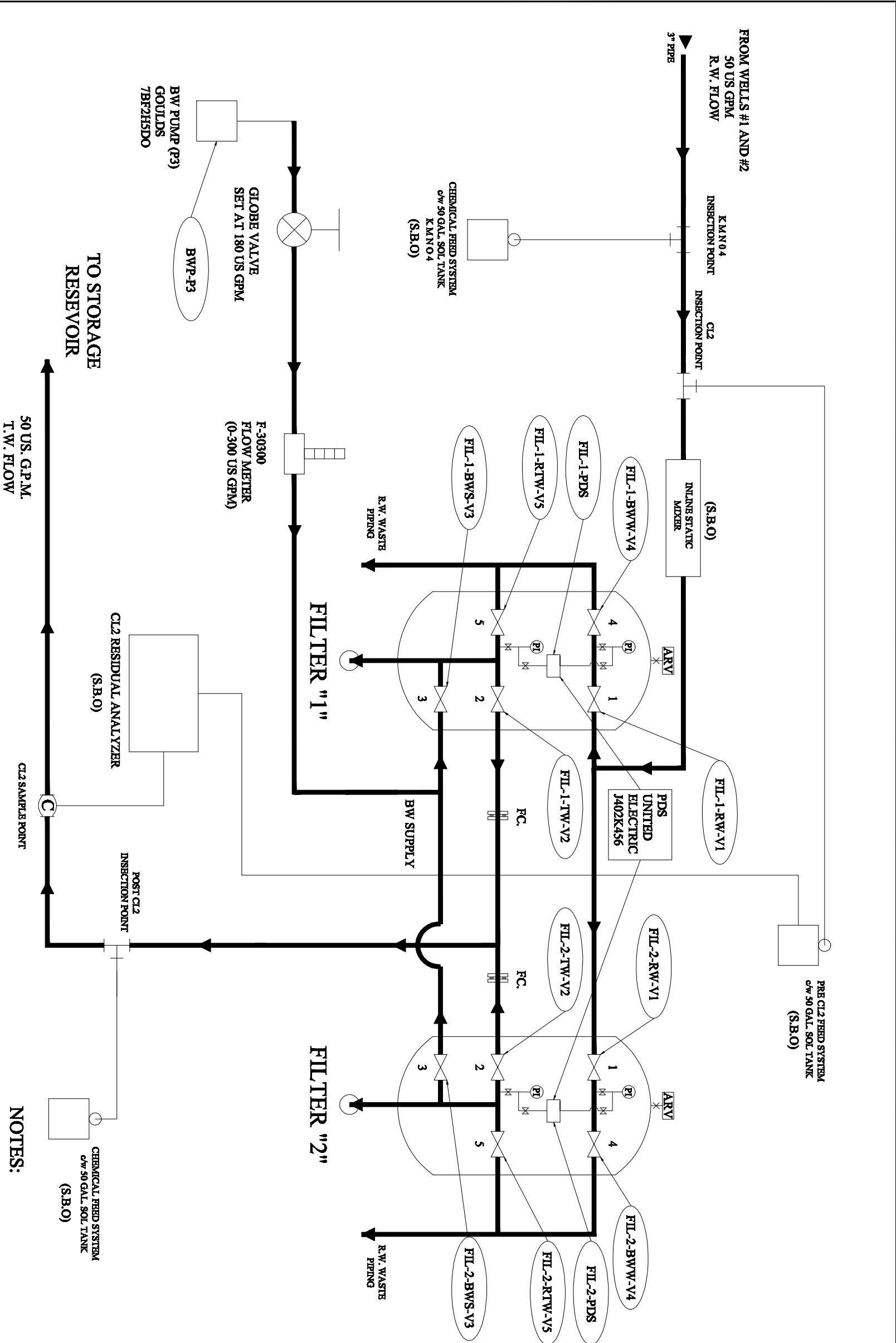


SHOP NOTES		LEGEND	
1. Drill and Tap 1/4". Drill hole in reinforcing rods.		SLC	HEAD COUPLING
2. Flange bolt holes to straddle principal centerlines of vessel.		FC	FILL COUPLING
3. Inside edges of flange legs shall be rounded.		HA	HAZ. BEOL.
4. Flange thickness shall be 1/4" min. or one half the wall thickness if the pipe is less than 1/4".		HA	FILL BEOL.
	WFS 12 PROTRUDING NOZZLE		
	WFS 12 W/ COUPLING WITHOUT INTERNAL PROJECTION		
	WFS 12 COUPLING WITH INTERNAL PROJECTION		
	WFS 9 WELD TO SHELL WELD DETAIL		
	WFS 12 WELD DETAIL FOR INSPECTION OPENING		
	WFS 12 PROJECTION WELD DETAIL		
	WFS 9 BIRTH SCAM WELD DETAIL		



NOTES:

- PI = PRESSURE GAUGE ENFM 0-100 PSI LF
- ARV = APCO # 50-1 .5"
- PDS = UNITED ELECTRIC MODEL 1402 K456
- FC = FLOW CONTROL 25 US GPM
- SBO = SUPPLIED BY OTHERS

THIS DRAWING IS THE PROPERTY OF WEST COAST FILTERS, AND CONTAINS PROPRIETARY AND CONFIDENTIAL INFORMATION WHICH MUST NOT BE DUPLICATED, USED OR DISCLOSED OTHER THAN EXPRESSLY AUTHORIZED BY WEST COAST FILTERS

NOTES	
A: UNDERDRAIN:	
5.5" WIDEDRIVE SCREEN-FR/CO PROFILE #40	
12-1" LATERALS 1.75" DIA. PER TANK. SLOT SIZE .010"	
VELOCITY AT ORIFICE OPENINGS 0.3 FT/SEC @ 100 GPM.	
B: FLOW RATE:	2.0 GPM / SQ.FT. - 25 U.S. GPM.
C: B.W. FLOW RATE:	15 GPM / SQ.FT. - 180 U.S. GPM.
D: INTERIOR LINING:	
SANDBLAST INTERIOR TO SERC-8710	
APPLY 12 MILS DET OF THERMAC SERIES PC-22	
E: EXTERIOR PAINT:	
SANDBLAST TO SERC-8710	
APPLY 7 MILS DET OF THERMAC SERIES PC-22	
F: SURFACE AREA	123 SQ. FT.
UNDER - DRAIN	
HEADER	PVC □ 316ss □ SCH 10. □
LATERALS	PVC □ 316ss □
DIA	1.75" NOMINAL O.D.
QTY	12 PER TANK
SLOT	0.010"
MANHOLE:	2 PER TANK
SIZE	14"x18" CLARK KENNEDY
LOCATION	TOP UPPER HEAD
BOT	6" ABOVE BTL BEAM
VIEWPORT WINDOW:	
SIZE	3" X 12"
LOCATION	SEE TANK CONNECTION SCHEMATIC
ELEVATION	6" 17.5" BELOW TOP BEAM
GRAVEL SUPPORT:	1" X 3/4"
CL FT. QTY.	3/4" X 1/2", 1/2" X 1/4", 1/4" X 1/8", 10 CL FT.
GARNET	#8/12 3"
FILTER MEDIA	
GREENSAND PLUS	30"
ANTHRACITE #1/8MM	10"
GENERAL NOTES	
DESIGN CODE	
DESIGN OR M.A. W.T. (DET AND CORROSION)	
OPERATING PRESSURE	
M.A. W.T. (DET AND CORROSION) LIMITED BY	
MATERIAL	
DESIGN CODE	
CORROSION ALLOWANCES	
RETURN TEST (BASED ON M.A. W.T. NEW AND COLD)	
INSULATION THICKNESS	
SERVICE	
CAPACITY	
VIBRATION DET	
OVERALL HEIGHT H.	
SERIAL	
HEADS	
HEAD TYPE	
HEAD THICKNESS	
WELD FITTING	
OVERLAPING	
TERMINAL DET	
STUD BOLTS	
GASKETS	
ASSEMBLED IN THE PROVINCES	
CAN. NUMBER	
M.F.G. SERIAL NO.	
CONSTRUCTION	
OPENINGS	
A	INLET 3" 150# FLGD. 8" BELOW TOP SEAM
B	OUTLET
SIDE SHELL	
BOTTOM HEAD CENTER 3" 150# R.F. FLGD.	
C	VENT 3/4" 150# FNPT
D	DRAIN 1" 150# FNPT
CONSULTING ENGINEER	
BAR ENGINEERING LTD.	
West Coast Filters Inc.	
British Columbia, Canada.	
www.westcoastfilters.com Toll Free North America 1-800-375-7744	
PROJECT: DEWBERRY, AB	
DRAWING: PROCESS FLOW DIAGRAM	
DRAWN: DB	
RD	
SCALE	
10-11-25	
CUSTOMER NO.	
FLNIT 1111907	
DRAWING NO.	
WCF 10-11-25 A	
REV.	
SHEET 3	