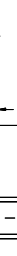
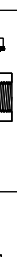
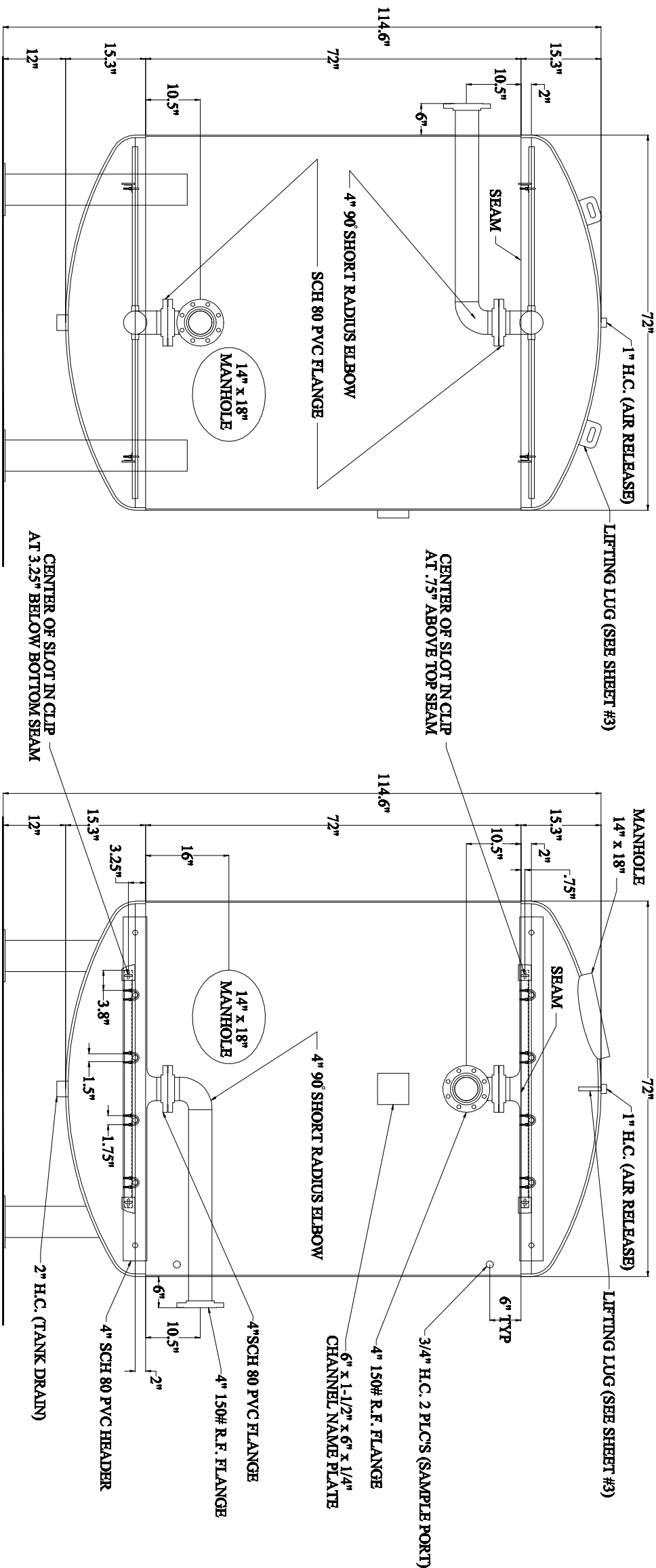
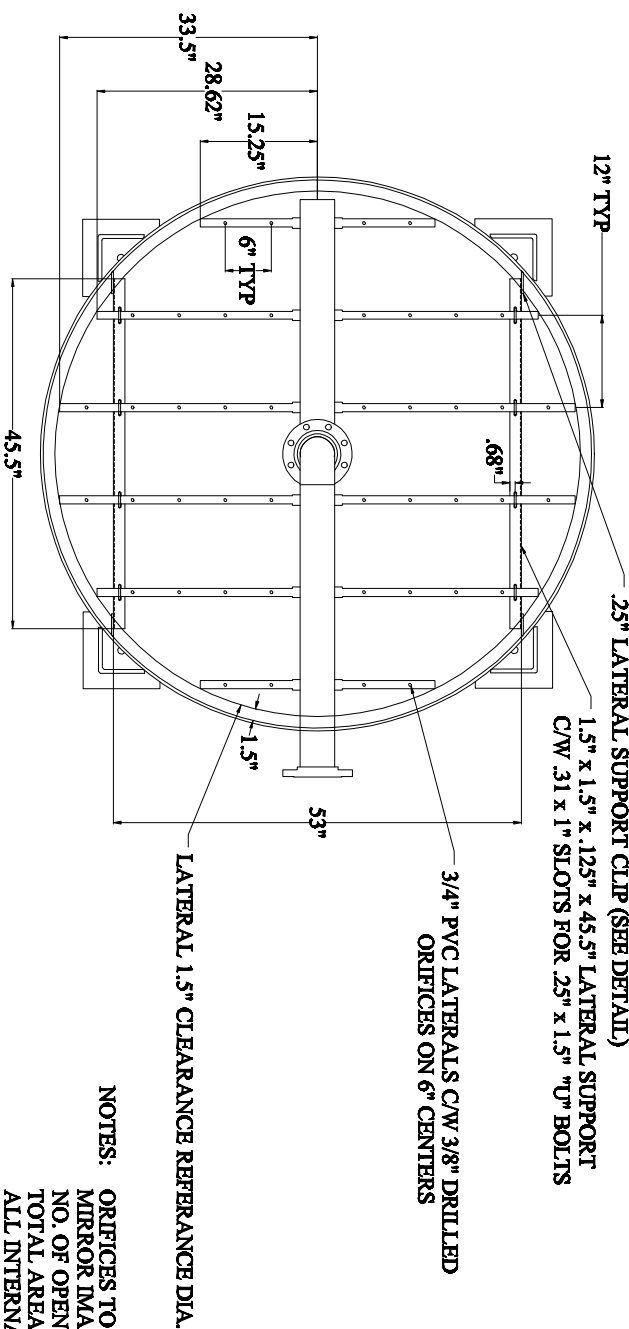


SHOP NOTES			NOTES		
1. Drill and tap 1/4" dia. helical hole in reinforcing rods. 2. Prepare bolt holes to straddle principal center lines of vessel. 3. The radius of roundness 1/8" min. or one half the wall thickness if the pipe is less than 1/4".			PRINTED RECORD		
			ISSUED FOR		
			TO		
			DATE		
			REV		
			A: BALANCED FLOW DISTRIBUTOR		
			BRANDER 4" PVC SCH 80		
			12 - 4/5" DIA LATERALS		
			1/2" PVC SCH 80 C/W 3/16" DIA BOLTS @ 6 CENTERS (SEE DETAIL)		
					
					



TANK #1- SIDE VIEW



TANK #1- FRONT VIEW

NOTES	
A: BALANCED FLOW DISTRIBUTOR	
HEADER 4" PVC SCH 80	
12 - 1/2" DIA. LATERALS	
1/2" PVC SCH 80 C/W 3/16" DIA. HOLES @ 6" CENTERS (SEE DETAIL)	
B: VOLUME	
206.5 CU. FT.	
1540 (U.S.G.)	
C: CONTACT TIME	
11.6 MIN AT 132 U.S. G.P.M.	
D: SURFACE AREA	
271/3 S.Q. FT.	
HEADER LATERALS	PVC ☒ SCH. 16 SS ☐
	PVC ☒ 304 SS ☐
DIA	.75 (1.066" NOMINAL O.D.)
QTY	12 PER TANK
OPENINGS	3/16" DIA.
FREEDRAIN DRAIN	
SIZE	
SLOT	
MATERIAL	
ELEVATION	
MANHOLE	2 PER TANK
SIZE	14" X 18" CLARK KENNEDY
LOCATION	TOP OFF SET TOP HEAD
	BOT 16" ABOVE BOTTOM/HEAD
GRAVEL SUPPORT	
GARNET	
FILTER MEDIA	

		GENERAL NOTES	
		DESIGN CODE: A4815 SECTION WITHIN 11	2007 EDITION
		DESIGN OF M.A.W.P. (GWT AND CORRODED)	100 psi AT 7'
		OPERATING PRESSURE	100 psi AT 7'
		M.A.W.P. (GWT AND CORRODED) LIMITED BY	N/A
		HYDROGRAPH	
		ADDITIONAL CODES	b.
		COMBINATION ALLOWANCE	
		HYDRO TEST (BASED ON M.A.W.P. NEW AND OLD)	b.
		INSTALLATION THICKNESS	
		WEIGHTS: DAY	COLD WATER
		OVERALL HEIGHT 14.	206.5 CU. FT.
		BRILL	9613 LBS.
		BRILL	114.6 lb.
		BRILL	3125 lb.
		BRILL	206 lb.
		BRILL TYPE	7' 11" ANCHOR DIBER
		MAIN THICKNESS	SECT. 40
		WELD FITTING	1 1/2 # ANNE
		COUPLINGS	3000 LBS.
		THREADED	3000 LBS.
		STUD BOLTS	DIEZ NUTS
		GASKETS	NONPRESS
		REGISTERED IN THE PROVINCES	
		C.A.N. NUMBER	
		M.A.P. SERIAL NO.	

CONSTRUCTION	
THREASDOLLET	3000 LBS.
STUD BOLTS	HEX. NUTS
CLAMETS	W/OPRANE
RECORDED IN THE PROVINCES	
C.L.N. NUMBER	
M.F.G. SERIAL NO.	

OPENINGS	
A	INLET 4" 130 # RE FLG. 10.5" ABOVE BOTTOM BEAM
B	OUTLET 4" 130 # RE FLG. 10.5" BELOW TOP BEAM
C	VENT .75" 3000 # COUPLING OFF SET TOP HEAD
D	SAMPLE PORT .75" 3000 # COUPLING 6" BELOW ABOVE BEAM

CONSULTANT: CATTERALL & WRIGHT LTD.

West Coast Filters Inc.

British Columbia, Canada.

www.westcoastfilters.com
Toll Free North America 1-800-375-7744

Free North America 1-800-375-7744

PROJECT: CARRY THE KETTLE

FIRST NATIONS

DRAWING: **72" DIAMETER**

CHLORINE REACTION TANK #1		
DRUM	REGION	CHECKED
DB	RD	
SCALE	DATE	APPROVED
	11-03-30	

SHEET # 1

CUSTOMER NO.	DRAWING NO.	REV.
BCM3116	WCF 11-03-30 A	