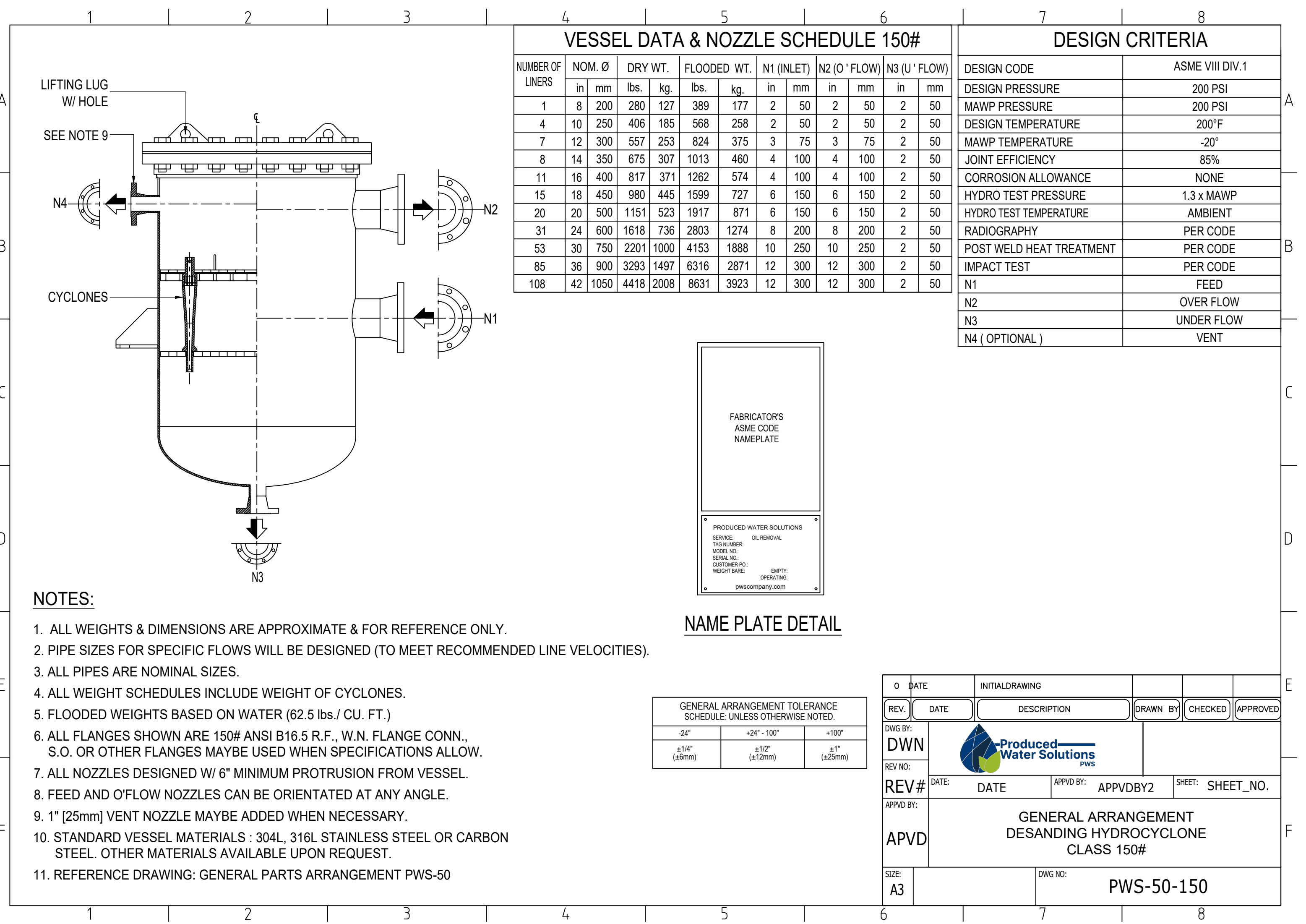




NOTES:

1. ALL WEIGHTS & DIMENSIONS ARE APPROXIMATE & FOR REFERENCE ONLY.
2. PIPE SIZES FOR SPECIFIC FLOWS WILL BE DESIGNED (TO MEET RECOMMENDED LINE VELOCITIES).
3. ALL PIPES ARE NOMINAL SIZES.
4. ALL WEIGHT SCHEDULES INCLUDE WEIGHT OF CYCLONES.
5. FLOODED WEIGHTS BASED ON WATER (62.5 lbs./ CU. FT.)
6. ALL FLANGES SHOWN ARE 150# ANSI B16.5 R.F., W.N. FLANGE CONN., S.O. OR OTHER FLANGES MAYBE USED WHEN SPECIFICATIONS ALLOW.
7. ALL NOZZLES DESIGNED W/ 6" MINIMUM PROTRUSION FROM VESSEL.
8. FEED AND O'FLOW NOZZLES CAN BE ORIENTATED AT ANY ANGLE.
9. 1" [25mm] VENT NOZZLE MAYBE ADDED WHEN NECESSARY.
10. STANDARD VESSEL MATERIALS : 304L, 316L STAINLESS STEEL OR CARBON STEEL. OTHER MATERIALS AVAILABLE UPON REQUEST.
11. REFERENCE DRAWING: GENERAL PARTS ARRANGEMENT PWS-50

VESSEL DATA & NOZZLE SCHEDULE 150#

NUMBER OF LINERS	NOM. Ø		DRY WT.		FLOODED WT.		N1 (INLET)		N2 (O' FLOW)		N3 (U' FLOW)	
	in	mm	lbs.	kg.	lbs.	kg.	in	mm	in	mm	in	mm
1	8	200	280	127	389	177	2	50	2	50	2	50
4	10	250	406	185	568	258	2	50	2	50	2	50
7	12	300	557	253	824	375	3	75	3	75	2	50
8	14	350	675	307	1013	460	4	100	4	100	2	50
11	16	400	817	371	1262	574	4	100	4	100	2	50
15	18	450	980	445	1599	727	6	150	6	150	2	50
20	20	500	1151	523	1917	871	6	150	6	150	2	50
31	24	600	1618	736	2803	1274	8	200	8	200	2	50
53	30	750	2201	1000	4153	1888	10	250	10	250	2	50
85	36	900	3293	1497	6316	2871	12	300	12	300	2	50
108	42	1050	4418	2008	8631	3923	12	300	12	300	2	50

DESIGN CRITERIA

DESIGN CODE	ASME VIII DIV.1
DESIGN PRESSURE	200 PSI
MAWP PRESSURE	200 PSI
DESIGN TEMPERATURE	200°F
MAWP TEMPERATURE	-20°
JOINT EFFICIENCY	85%
CORROSION ALLOWANCE	NONE
HYDRO TEST PRESSURE	1.3 x MAWP
HYDRO TEST TEMPERATURE	AMBIENT
RADIOGRAPHY	PER CODE
POST WELD HEAT TREATMENT	PER CODE
IMPACT TEST	PER CODE
N1	FEED
N2	OVER FLOW
N3	UNDER FLOW
N4 (OPTIONAL)	VENT

FABRICATOR'S
ASME CODE
NAMEPLATE

PRODUCED WATER SOLUTIONS
SERVICE: OIL REMOVAL
TAG NUMBER:
MODEL NO.:
SERIAL NO.:
CUSTOMER PO.:
WEIGHT BARE: EMPTY:
OPERATING:
pwscompany.com

NAME PLATE DETAIL

GENERAL ARRANGEMENT TOLERANCE SCHEDULE: UNLESS OTHERWISE NOTED.		
-24"	+24" - 100"	+100"
±1/4" (±6mm)	±1/2" (±12mm)	±1" (±25mm)

O	DATE	INITIALDRAWING			
REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED	APPROVED
DWG BY: DWN					
REV NO: REV#	DATE:	DATE	APPVD BY: APPVDBY2	SHEET: SHEET_NO.	
APPVD BY: APVD	GENERAL ARRANGEMENT DESANDING HYDROCYCLONE CLASS 150#				
SIZE: A3			DWG NO: PWS-50-150		