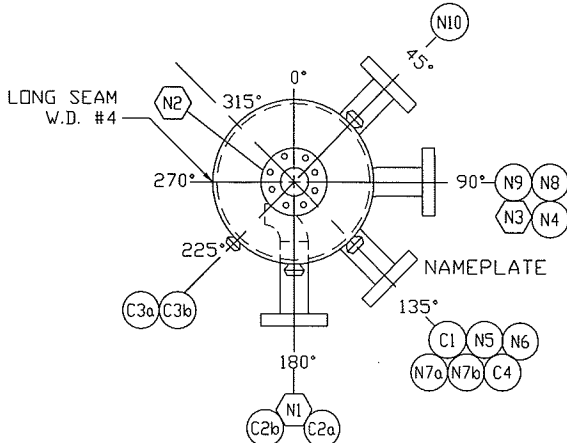
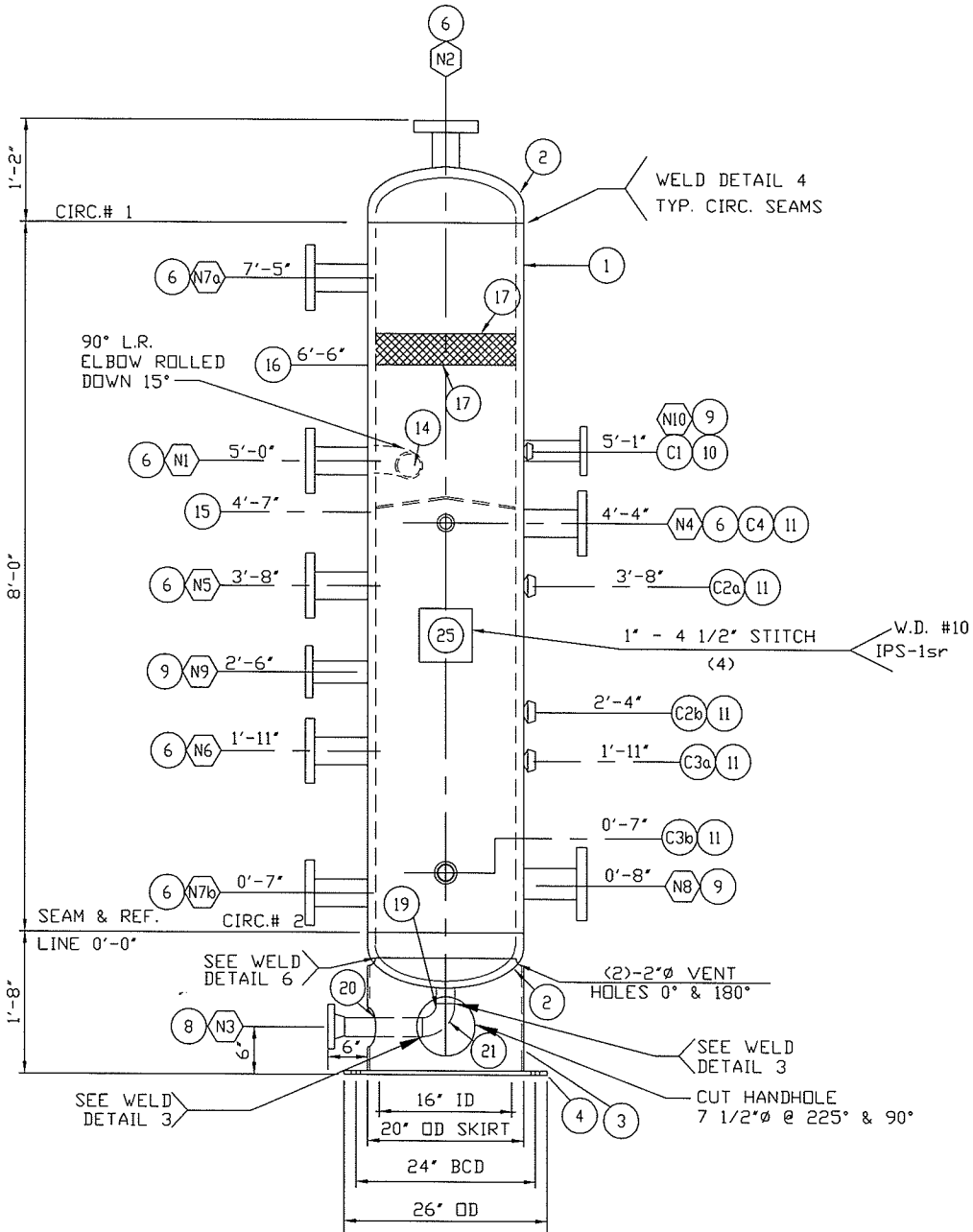
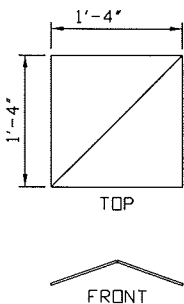


BILL OF MATERIALS					
MK	QTY	DESCRIPTION		MATERIAL	
1	1	SHELL PLATE: 20" OD x 8'-0" S/S x 1/2" THK.		SA-516-70N	
2	2	HEADS: 20" OD x 5/8" NOM.(0.5625" MIN.) 2:1 SE c/w 2" S.F.		SA-516-70N	
3	1	SKIRT PIPE: 20" OD x 20 1/2" LONG x 1/4" THK. PIPE		SA-53B-ERW	
4	1	BASE PLATE: 26" OD x 16" ID x 1/2" THK		SA-36	
5					
6	7	FVC - 3" CL300 RFLWN (3" ID x 0.81" WALL) x 9" LG		SA-105N	
7					
8	1	FLANGE: 2" CL300 RFLWN C/W SCH.160 BORE		SA-105N	
9	3	FVC - 2" CL300 RFLWN (2" ID x 0.65" WALL) x 9" LG		SA-105N	
10	1	THREDOLET - 1/2" CL3000 NPT		SA-105N	
11	5	THREDOLET - 3/4" CL3000 NPT		SA-105N	
12					
13					
14	1	INLET DIVERTER - 4" SCH. STD 90° LR ELBOW		SA-234-WPB	
15	1	FLOAT SHIELD - 1/4" PLATE: SEE DETAIL		CSAG40.21 44W	
16	1	MIST EXTRACTOR - 19"Ø x 6" THK. x 9# PER CUBIC FOOT		316SS	
17	2	MIST EXT. SUPPORT - 19" OD x 16" ID x 1/4" c/w EXP. METAL		CSAG40.21 44W	
18					
19	1	PIPE - 2"NPS SCH.160 SMLS x 6' LONG - SHOP FIT (0.344" WALL)		SA-106-B	
20	1	PIPE - 2"NPS SCH. 160 SMLS x 10 1/4" LONG (0.344" WALL)		SA-106-B	
21	1	ELBOW - 2"NPS SCH. 160 LR 90°		SA-234-WPB	
22					
23					
24					
25	1	NAMEPLATE BACKING		SA-36	



ORIENTATION



DETAIL #15
FLOAT SHIELD

ELEVATION

AS BUILT

WPS: IPS-8sr (Rev.1) (LONGSEAMS & CIRCS)
IPS-1sr (NOZZLES & REPAIRS)
REFERENCE DWG: IPS-20V-720 Rev.0
TOLERANCE SPECS AS PER: DMV-2002 TOL REV. 0
HOLES CUT THROUGH SHELL FOR
TOL'S MAY NOT EXCEED 2 1/16"OD
ALL SA-516-70N & FVC MATERIAL IS 'FINE GRAIN PRACTICE'
C.T.S.- CUT TO SUIT
MAWP EQUALS DESIGN PRESSURE
PIPE MATERIAL MAY BE UPGRADED FROM SA-106-B TO SA-333-G.6
WELDED FITTING MATERIAL MAY BE UPGRADED FROM SA-234-WPB TO SA-420-WPL6
FLANGE/COUPLING MATERIAL MAY BE UPGRADED FROM SA-105N TO SA-350-LF2
NOZZLES WITH BLIND FLANGES HAVE BEEN CONSIDERED UNDER UG-34,
UCS-66(a)(3) & Fig. UCS-66 GENERAL NOTE E.

NOZZLE WELD SCHEDULE

MARK	SIZE	SCH.	TYPE	RTG.	LOCATION	SERVICE	O.S. PROJ.	I.S. PROJ.	WELD DETAIL	A FILLET	B FILLET	C FILLET	NOZZLE LENGTH
N1	3"	FVC	RFLWN	CL300	SHELL	GAS INLET	6"	1"	2	3/8"	-	-	8 5/16"
N2	3"	FVC	RFLWN	CL300	HEAD	GAS OUTLET	AS SHOWN	SF	1	3/8"	-	-	8 5/16"
N3	2"	160	RFLWN	CL300	HEAD	DRAIN	6"	GF	1 & 3	3/8"	-	-	3 5/16"
N4	3"	FVC	RFLWN	CL300	SHELL	HLSD	6"	-	1	3/8"	-	-	7 5/16"
N5	3"	FVC	RFLWN	CL300	SHELL	COND LC	6"	-	1	3/8"	-	-	7 5/16"
N6	3"	FVC	RFLWN	CL300	SHELL	LIQUID LC	6"	-	1	3/8"	-	-	7 5/16"
N7a/b	3"	FVC	RFLWN	CL300	SHELL	INSPECTION	6"	-	1	3/8"	-	-	7 5/16"
N8	2"	FVC	RFLWN	CL300	SHELL	WATER OUTLET	6"	3/8"	2	3/8"	-	-	7 7/16"
N9	2"	FVC	RFLWN	CL300	SHELL	HC OUTLET	6"	-	1	3/8"	-	-	7 1/8"
N10	2"	FVC	RFLWN	CL300	SHELL	PSV	6"	-	1	3/8"	-	-	7 1/8"
C1	1/2"	NPT	TOL	CL3000	SHELL	PI	-	-	5	3/8"	-	-	-
C2a/b	3/4"	NPT	TOL	CL3000	SHELL	COND. LG	-	-	5	3/8"	-	-	-
C3a/b	3/4"	NPT	TOL	CL3000	SHELL	WATER LG	-	-	5	3/8"	-	-	-
C4	3/4"	NPT	TOL	CL3000	SHELL	TI	-	-	5	3/8"	-	-	-

2	NO	1	AS BUILT	CMP	CMP	CP	CS	06-06-16
2	NO	0	ISSUED FOR CONSTRUCTION	CMP	CMP	CP	RS	06-05-24
CALC PKG REV.LEVEL	REV. CALCS REQ'D	REV.	DESCRIPTION	BY	DD	PC	QC	DATE

DESIGN DATA
DESIGN AND FABRICATE TO ASME CODE, SECTION VIII DIV. 1
2004 EDITION, 2005 ADDENDA P.W.H.T: 1150°F @ 60 min
MAWP: 720 PSIG DESIGN TEMP: 130°F. IMPACT TESTS: EXEMPT PER UCS-66(b)(1)(b)/UCS-66(b)(3).
UCS-66(b)(2)& FIG UCS-66.1 & UG-20(F)1-5 MIN. DESIGN METAL TEMP. -20°F @ 720 PSIG
RADIOGRAPHY: CIRC. SEAM & LONG SEAM- FULL UW1(a)
PREHEAT: 200°F HYDROSTATIC TEST PRESSURE: 1080 PSIG
CORROSION ALLOWANCE: 1/8"
WEIGHT EMPTY: 1700 LBS. WEIGHT FULL OF WATER: 3000 LBS. CAPACITY: 21.9 CU FT.



DATE 06-05-15	TITLE ANADARKO CANADA		
DESIGNED BY IPS	LSD:		
DRAWN BY C.PATTEN	TITLE VERTICAL VESSEL 20" OD x 8'-0" S/S MAWP 720 PSIG @ 130°F, 1/8" C.A.		
CHECKED BY CP	JOB NO. 5330-001	FILENAME V-5330-002	CEN NO. T0867.2
APPROVED BY	SHEET NO. 1 OF 1	DRAWING NO. V-5330-002	REV. NO. 1
SCALE N.T.S.			