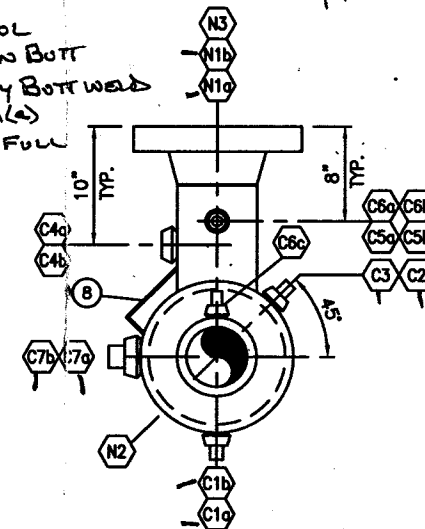
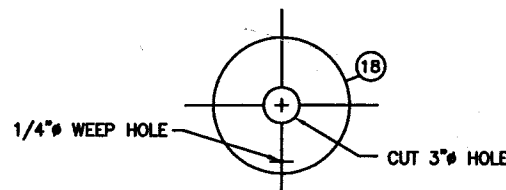


Issued to Fab. Manager JUL 04 2008
Released for Fabrication JUL 04 2008



ORIENTATION 'A-A'
SCALE 3/4"=1'-0"

ORIENT



DISHED BAFFLE DETAIL

Checked July 8/08 at 9:31¹⁵ AM RJ

[illegible]

MARK	QTY.	DESCRIPTION	MATERIAL
1	2	HEADS: 12 3/4" OD x SCH. 80 (0.602" MIN. WALL) (WELD CAP)	SA-234-WPB
2	1	PIPE: NPS 12", SCH. 80 (0.688" WALL) x 5'-10" LG.	SA-106-B
3	3	FLANGE: NPS 6"-CL600 RF WN, c/w Sch.XXS BORE	SA-105N
4A	2	PIPE: NPS 6", SCH. XXS (0.864" WALL) x 10 7/8" LG.	SA-106-B
4B	1	PIPE: NPS 6", SCH. XXS (0.864" WALL) x 5 5/8" LG.	SA-106-B
5	1	FLANGE: NPS 2 1/2"-CL600 RF WN, c/w Sch.XXS BORE	SA-105N
6	1	PIPE: NPS 2 1/2", SCH. XXS (0.552" WALL) x 2 1/4" LG.	SA-106-B
7	1	FB: 6" x 2" x 3/8" THK. C.T.S.	SA-36
8	1	NAMEPLATE BACKING: 6" x 6" x 3/16" THK	SA-36
9	1	ELBOW: NPS 2 1/2", 90° LR, SCH. XXS (0.552" WALL)	SA-234-WPB
10	2	THREADOLET: 6"x1"-CL6000	SA-105N
11	2	THREADOLET: 6"x3/4"-CL6000	SA-105N
12	4	THREADOLET: 12"x3/4"-CL6000	SA-105N
13	3	THREADOLET: 6"x1/2"-CL6000	SA-105N
14	4	PLUG: 3/4" THRD SOLID HEX HEAD	SA-105N
15	3	PLUG: 1/2" THRD SOLID HEX HEAD	SA-105N
16	2	THREADOLET: 12"x1 1/2"-CL6000	SA-105N
17	2	PLUG: 1 1/2" THRD SOLID HEX HEAD	SA-105N
18	1	BAFFLE PLATE: 11 3/8" OD x 3/8" THK. DISHED TO 12" INSIDE RADIUS	SA-36

GENERAL NOTES

1. QUALITY CONTROL PROGRAM NO. AQP-1342.
 2. WELDING PROCEDURE REGISTRATION NO. WPS-1684.2.
 3. WELDING PROCEDURE SPECIFICATION NO. REGISTERED WITH ABSA.
 4. SERVICE: CORROSIVE HYDROCARBONS.
 5. CAPACITY: 5.3 CUBIC FEET.
 6. DESIGN REGISTERED TO PAINTEARTH ENERGY SERVICES.
 7. SURFACE PREP: HANDTOOL CLEAN.
 8. PRIME: AS PER CLIENT SPECIFICATIONS
 9. PAINT: AS PER CLIENT SPECIFICATIONS
 10. FS = FAR SIDE (OPPOSITE SIDE)
 11. FLANGE OR FITTING RATINGS AND PIPE SCHEDULE AS LISTED IN BOM MAY BE INCREASED TO HIGHER RATINGS.
 12. WPS: PESI-1r & PESI-8sr
 13. ONLY 2:1 SEMI-ELLIPSOIDAL HEADS TO BE USED IN THIS DESIGN, NO OTHER HEAD TYPES HAVE BEEN CONSIDERED.
 14. ALL BOLT HOLES TO STRADDLE NATURAL CENTERLINES.
 15. SA-36 MAT'L MAY BE UPGRADED TO SA-516-70N OR ~~SA-350-LFC-01A~~ (SA-516-70N MAT'L TO BE 'FINE GRAIN PRACTICE').
 16. REF. DWG: PES-12H-1000 REV. 0 **Δ PS.**
- * WET FLOURASCENT MAGNETICAL EXAM ON ALL INTERNAL WELDS.**

NOZZLE WELD SCHEDULE

MARK	SIZE (NPS)	SCH.	CLASS	TYPE	SERVICE	LOCATION	OSP (MIN.)	ISP (h)	WELD DETAIL	"A" FILLET	"B" FILLET	"C" FILLET	REPAD (ODxTHK)
N1a/b	6"	XXS	CL600	RF WN	GAS INLET	SHELL	13"	1"	3,5	3/8"	.	.	---
N2	6"	XXS	CL600	RF WN	GAS OUTLET	HEAD	AS SHOWN	1"	3,5	3/8"	.	.	---
N3	2.5"	XXS	CL600	RF WN	PRV	HEAD	AS SHOWN	-	1,3,4	3/8"	.	.	---
C1a/b	3/4"	-	CL6000	TOL	DRAIN	SHELL	-	-	7	3/8"	.	.	---
C2	3/4"	-	CL6000	TOL	PRESSURE TEST	SHELL	-	-	7	3/8"	.	.	---
C3	3/4"	-	CL6000	TOL	SPARE	SHELL	-	-	7	3/8"	.	.	---
C4a	1"	-	CL6000	TOL	TEMPERATURE	N1a	-	-	7	3/8"	.	.	---
C4b	1"	-	CL6000	TOL	TEMPERATURE	N1b	-	-	7	3/8"	.	.	---
C5a	3/4"	-	CL6000	TOL	SPARE	N1a	-	-	7	3/8"	.	.	---
C5b	3/4"	-	CL6000	TOL	SPARE	N1b	-	-	7	3/8"	.	.	---
C6a	1/2"	-	CL6000	TOL	MONITOR CONN.	N1a	-	-	7	3/8"	.	.	---
C6b	1/2"	-	CL6000	TOL	MONITOR CONN.	N1b	-	-	7	3/8"	.	.	---
C6c	1/2"	-	CL6000	TOL	MONITOR CONN.	N2	-	-	7	3/8"	.	.	---
C7a/b	1/2"	-	CL6000	TOL	INSPECTION	SHELL	-	-	7	3/8"	.	.	---

STAMPS & APPROVALS

Paintearth

ENERGY SERVICES

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DATE 08/07/03	CLIENT HUSKY ENERGY		
DESIGNED BY PES	TITLE HORIZONTAL DISCHARGE DAMPENER		
DESIGN BY D.Phippen	12.75" OD x 5'-10" S/S		
CHANGED BY CS	MAWP 1000 PSig @ 351°F c/w 1/8" C.A.		
DESIGNED BY PES	PRESSURE IN. 0803-42V	FLUID 0803-42V	TEMP. IN. U-5406-2
SCALE 3/4"=1'-0"	SHEET NO. 1 OF 1	DRAWING NO. (9023	REV. NO. A