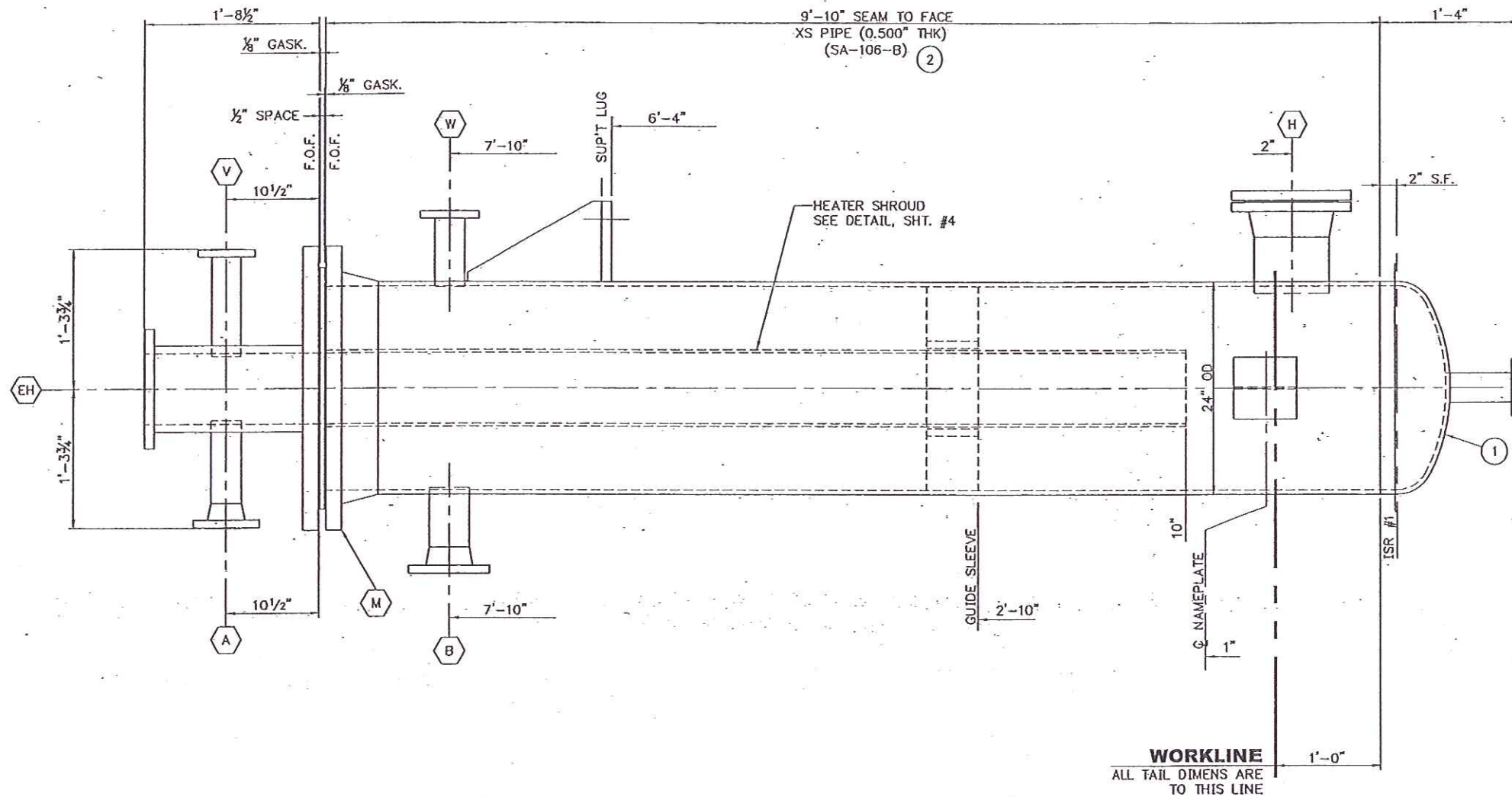


1	AS BUILT	RTA 3/9/0
0	ISSUED FOR CONSTRUCTION	JSL 2/1/0
A	ISSUED FOR APPROVAL	JSL 11/3/0
NO.	REVISION	BY DATE



ELEVATION
SEE PLAN FOR TRUE ORIENTATION

BILL OF MATERIALS			
ITEM	QTY	DESCRIPTION	MATERIAL SPEC
1	1	24" O.D. x 1/2" MIN. THICK ASME	SA-516-70
		CODE 2:1 ELLIPTICAL HD W/ 2" S.F.	
2	1	24" X-STG (.500" THK) PIPE x 112" LG.	SA-106-B
3	1	8"-150# RFLWN x 18" LG.	SA-105
4	3	2"-300# RFLWN x 9" LG.	SA-105
5	1	3"-150# RFLWN (S/80 BORE)	SA-105
6	1	4"-150# RFLWN (S/80 BORE)	SA-105
7	1	8"-150# RFLWN (S/80 BORE)	SA-105
8	1	8"-150# RF BLIND FLANGE	SA-105
9	1	24"-150# RFWN (X-STG BORE)	SA-105
10	1	24"-150# RF BLIND FLANGE	SA-105
11		-BLANK-	
12	1	3" S/80 PIPE x 9 3/8" LG.	SA-106-B
13	1	4" S/80 PIPE x 6 3/4" LG.	SA-106-B
14	1	8" S/80 PIPE x 6 3/8" LG.	SA-106-B
15	1	8" S/40 PIPE x 9 5/8" LG.	SA-106-B
16		-BLANK-	
17	20	STUDS: 1 1/4" x 7 1/2" LG.	SA-193-B7
18	40	NUTS: 1 1/4" HVY. HEX	SA-194-2H
19	2	GASKET: .175" SPIRAL WOUND 316 SS	
		GRAPHITE FILLER, CS OUTER RING	
20	8	STUDS: 3/4" x 4 1/2" LG.	SA-193-B7
21	16	NUTS: 3/4" HVY. HEX	SA-194-2H
22	-2	GASKET: .175" SPIRAL WOUND 316 SS	
		GRAPHITE FILLER, CS OUTER RING	
23		-BLANK-	
24		-BLANK-	
25	1	2"-300# RFLWN x 13" LG.	SA-105
26	1	10" S/120 PIPE x 6" LG.	SA-106-B
27	3	PLATE: 3/8" THK x 6" x 6 1/8" LG.	SA-516-70
28	1	PLATE: 1/2" THK x 8 1/16" ID x 27 1/4" OD	SA-516-70
		W/125-250 RMS SURFACE FINISH	
		BOTH SIDES	
29	1	PLATE: 1/4" THK x 24 1/8" ID x 28" OD	SA-516-70
30	4	PLATE: 1 1/8" THK x 14" x 9" LG.	SA-516-70
31	8	PLATE: 1/2" THK x 14 7/8" x 9" LG.	SA-516-70

**CERTIFIED
AS BUILT**
BY W. B. SHEEHY
DATE 9 MARCH 2007

Shaw Stone & Webster Inc.		Project: Giant S Zorb	
SRV: 12053-P-11-22 (M10-02)		Job No: 12053	
EQUIP. No.: D-618		Issue:	
☐ FOR INFORMATION	☐ ACCEPTED FOR CIVIL AND Piping IFC		
☐ ACCEPTED	☐ ACCEPTED AS CERTIFIED		
☐ ACCEPTED AS NOTED	☐ REVISE & RESUBMIT		
SIGNATURE:			
DATE:			
THE ACCEPTANCE OF THIS DATA BY SHAW STONE & WEBSTER DOES NOT RELIEVE THE CONTRACTOR OR SUPPLIER FROM THE OBLIGATIONS IMPOSED BY THE PURCHASE ORDER OR CONTRACT.			

CUSTOMER: D-COK / STONE & WEBSTER
PURCHASE ORDER NO: 56603-P-11-22

GULFEX, INC.
METAL FABRICATORS
PRESSURE VESSELS - CUSTOM FABRICATION
P. O. BOX 12720 HOUSTON, TEXAS 77217
(713) 946-6614

24" O.D. x 9'-10" SM/FACE
NITROGEN BLOWBACK ACCUMULATOR DRUM
ITEM# D-618

ELEVATION & MISCELLANEOUS DETAILS

NO.	REVISION	BY	DATE	SCALE	JOB NO.	DATE	SCALE	REVISION
1	AS BUILT	RTA	3/9/07	1 1/2"=1'-0"	2442	11-25-06	1 1/2"=1'-0"	1
0	ISSUED FOR FABRICATION	JSL	2/1/07					
A	ISSUED FOR APPROVAL	JSL	11/30/06					
NO.	REVISION	BY	DATE	DRAWN	APPRO.	DATE	OWG. NO.	
				JSL	W.B. SHEEHY		2442-3	



**CERTIFIED
AS BUILT**
BY W. B. SHEEHY
DATE 9 MARCH 200

 Shaw's Stone & Vibration Inc.		Project: Giant S Zorb Job No: 200553	
SSN: 72053-PA-11-27 NM15-02		Issue:	
EXPLAN: D-018			
☐ FOR INFORMATION		☐ ACCEPTED FOR CIVILIAN FILING	
☐ ACCEPTED		☐ ACCEPTED AS CERTIFIED	
☐ ACCEPTED AS NOTED		☐ PROVIDE A REZONANT	
SIGN:			
DATE:			
THE ACCEPTANCE OF THIS DATA BY SHAW STONE & VIBRATION DOES NOT RELIEVE CONTRACTOR OR SUPPLIER FROM THE OBLIGATIONS IMPOSED BY THE PURCHASE OF OR CONTRACT.			

W	RELIEF VALVE	1	2"	300#	RF LWN	3 5/16"		7 1/2"	0"	8 9/16"	IV	---	---	---	---	5/8	---	---	---	---											4		
V	VENT	1	2"	300#	RF LWN	3 5/16"		10 7/8"	0"	12 1/8"	IV	---	---	---	---	5/8	---	---	---	---											4		
H	HANDHOLE	1	8"	150#	RF WN	8 9/16"	8" SCH. 80 PIPE	8 1/2"	FLUSH	10 9/16"	VI	---	---	---	---	5/8	---	---	---	---	8"	150#	RF	8	3/4"	4 1/2"	16	2	1/8"	10 9/16"	9 9/16"	7,8,14,20,21,22	W/ BLND
M	BODY FLANGE	1	24"	150#	RF WN	24"	24" X-STG PIPE	---	---	---	---	---	---	---	---	5/8	---	---	---	---	24"	150#	RF	20	1 1/4"	7 1/2"	40	2	1/8"	27 1/4"	26 1/4"	9,10,17,18,19	W/ BLND
EH	ELECTRIC HEATER MOUNT	1	8"	150#	RF LWN	9 3/4"		SEE ELEV.	0"	18"	VIII	---	---	---	---	5/8	---	---	---	---											3		
D	DRAIN	1	2"	300#	RF LWN	3 5/16"		SEE ELEV.	FLUSH	8 1/2"	VI	---	---	---	---	5/8	---	---	---	---												4	
B	VAPOR OUTLET	1	4"	150#	RF WN	4 1/2"	4" SCH. 80 PIPE	8 1/2"	0"	8 9/16"	IV	---	---	---	---	5/8	---	---	---	---												6,13	
A	VAPOR INLET	1	3"	150#	RF WN	3 1/2"	3" SCH. 80 PIPE	10 7/8"	0"	12 1/16"	IV	---	---	---	---	5/8	---	---	---	---												5,12	
MARK	SERVICE	NO. REQ'D	SIZE	RATING	DESCRIPTION	O.D.	DESCRIPTION	OUTSIDE	INSIDE	ODM. X	TYPE	A	B	C	D	E	THICK	WIDTH	SIZE	RATING	FACING	STUDS	DIA.	LENGTH	NUTS	QTY.	THK.	O.D.	I.D.	B.O.M. ITEMS	REMARKS		
					FLANGE		NECK				PROJECTIONS																						



PLAN VIEW & NOZZLE SCHEDULE

1	AS BUILT	RTA	3/9/07	PLAN VIEW & NOZZLE SCHEDULE			
0	ISSUED FOR FABRICATION	JSL	2/1/07	DATE	JOB NO.	SCALE	REVISION
A	ISSUED FOR APPROVAL	JSL	11/30/06	11/25/06	2442	2"=1'-0"	
NO.	REVISION	BY	DATE	DRAWN	APPRO.	DWG. NO.	2442-
				JSL	W.B. SHEEHY		