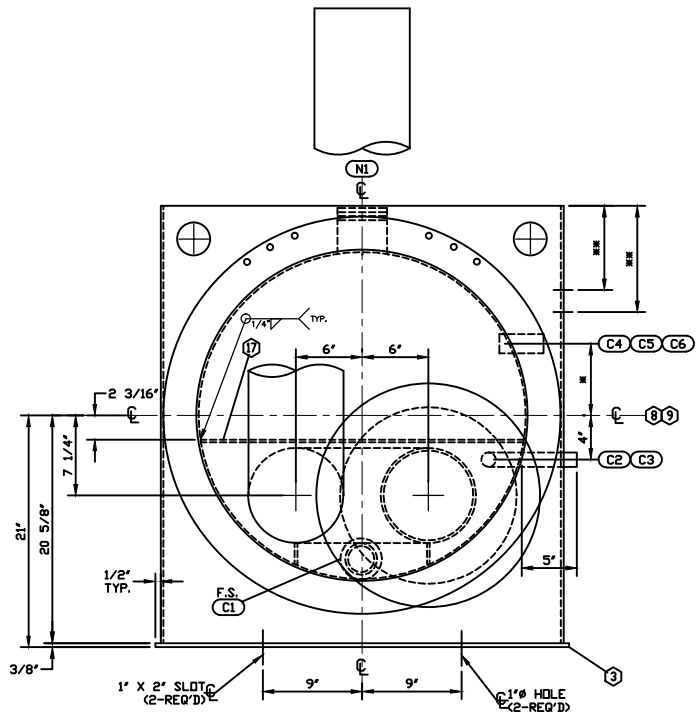
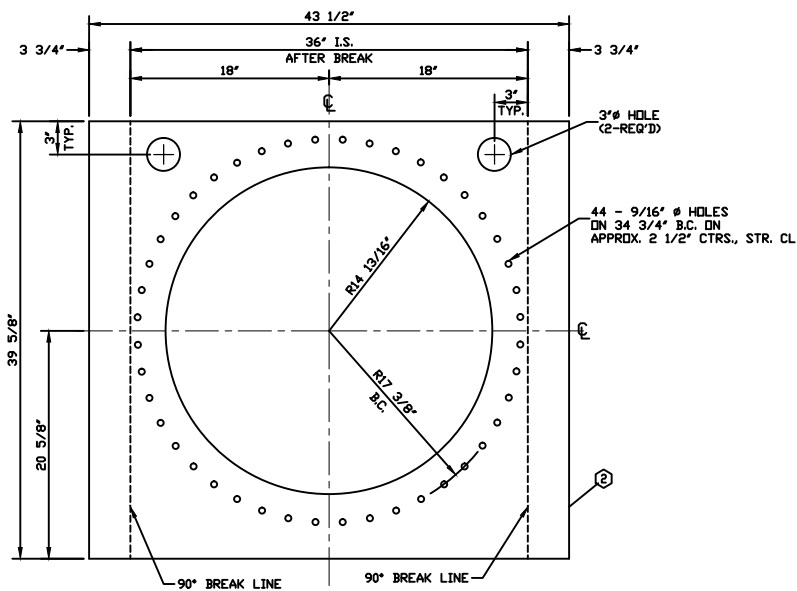




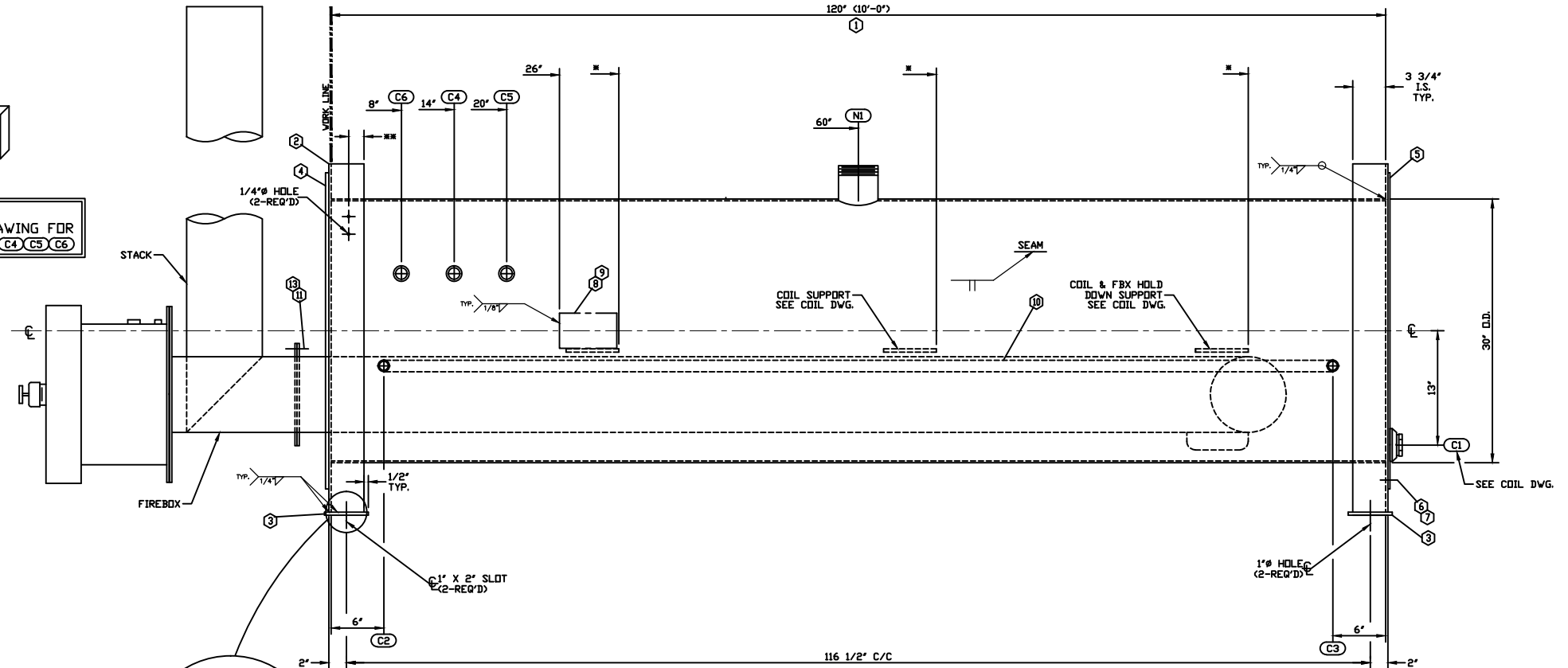
END VIEW



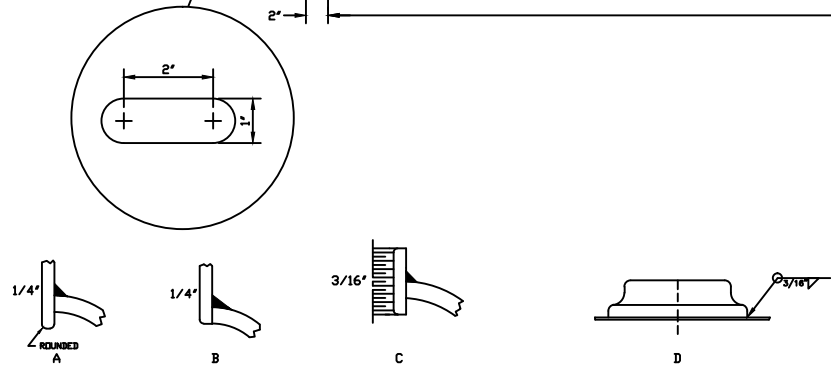
② SADDLE DETAIL

*** NOTICE ***
SERVICE DEPARTMENT
TO LOCATE.

*** NOTICE ***
SEE COIL DRAWING FOR
LOCATION OF C4 C5 C6



SIDE VIEW



WELD DETAIL

NOTES

1. DESIGN PRESSURE OF PREHEAT LINE: 1500 PSIG.
2. HYDROTEST PREHEAT LINE @ 2250 PSIG. (HOLD 1/2 HR.)
3. HYDROTEST CHARTS ARE NOT REQUIRED.
4. TEST HEATER SHELL @ 1.5 PSIG. W/SDAP AND WATER
5. LEAK TEST FIREBOX W/AIR @ 5 PSI. OR WATER @ 10 PSI.
6. LOCATE FBX. SEAM @ BOTTOM OF FIREBOX ON BURNER SIDE.
7. DO NOT LIFT WITHOUT SPREADER (PAINT ON VESSEL)

REF. DWGS.

8 5/8" O.D. FIREBOX 500,000 BTU/HR. ----- B0483800
8 5/8" O.D. X 12'-0" LG STYLE 'C' TYPE 'L' STACK ----- A077612
C-CUT ----- C1226700

DESIGN DATA

CONSTRUCTION: WELDED
DESIGN PRESS: 0 PSIG. CA: NONE
HYDRO TEST AT: SEE NOTES PSIG. HOLD FOR: 1/2 HRS.
INSPECTED BY: SIVALLS, INC.
APPROX. SHIPPING WT: 1400 LBS. W/O COIL W/FBX.

GENERAL NOTES

ALL TAIL DIMENSIONS ARE FROM WORK LINE UNLESS OTHERWISE NOTED.
FLANGE BOLT HOLES TO STRADDLE CENTER LINE, UNLESS OTHERWISE NOTED.
RETAG ALL COUPLINGS AFTER WELDING.
THE SURFACES TO BE WELDED SHALL BE CLEAN AND FREE OF SCALE, RUST, OIL, GREASE, SLAG, DETRIMENTAL OXIDES, AND OTHER DELETERIOUS FOREIGN MATERIAL.
ALL OPENINGS TO BE ADEQUATELY COVERED AND PROTECTED FOR SHIPMENT.
UNLESS OTHERWISE INDICATED
TP-16 WILL BE USED FOR TOLERANCES.
PAINT SEE FORM SI 615

THE USE OF ANY DESCRIPTIVE OR FUNCTIONAL NAMES ON DRAWINGS, SPECIFICATIONS, AND/OR THE PRODUCTS THEMSELVES ARE FOR IDENTIFICATION ONLY AND IMPLIES NO WARRANTIES.

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0038-00216		10	1	13	1 1/16"	11 5/8"	11 5/8"	GASKET/AT. 8" I.D. X 11 5/8" O.D. W/8-9/16" Ø HOLES ON 10 1/2" B.C. APPROX 4 1/8" CTRS. STR CL	----	1	
1002-00109		10	1	12	.237"	----	4"	PIPE 4" ERW T.O.E	----		0.33
0122-00523		10	12	11	----	----	1 1/2"	BOLT/MACHINE 1/2" W/HEX NUT	SA-449-1	12	
0121-40130		10	1	10	.179"	----	122 3/4"	PIPE/PREHEAT LINE 1" SCH 80 SMLS T.B.E.	SA-106B	100	
0121-00002		10	1	9	----	----	----	NAME PLATE/BRACKET (STANDARD)	----	1	
0121-00020		10	1	8	----	----	----	NAME PLATE/NOH-CODE	----	1	
0038-00108		10	2	7	3/16"	36"	36"	GASKET/NOH-CODE 36" O.D. X 20 5/8" I.D. W/44-9/16" Ø HOLES ON 34 3/4" B.C. APPROX 2 1/2" CTRS. STR CL	----	2	
0122-00524		10	88	6	----	----	134"	BOLT/MACHINE 1/2" W/HEX NUT	SA-449-1	88	
2002-00004	+	10	1	5	14	36"	36"	PLATE/COIL COVER - 36" O.D. W/CUT-OUTS FOR COIL - SEE COIL DWG.	SA-36	92	
2002-00006	+	10	1	4	3.8	36"	36"	PLATE/FBX COVER - 36" O.D. W/CUT-OUTS FOR FBX	SA-36	138	
2002-00006	+	10	2	3	3.8	9"	37 1/2"	PLATE/BASE 1-W/2-1" Ø HOLES & 1-W/2" X 2" SLOTS	SA-36	40	
2002-00004	+	10	2	2	14	39 5/8"	43 1/2"	PLATE/SADDLE - BREAK AS SHOWN - SEE DETAIL	SA-36	245	
2002-00003		10	1	1	3/16	93 5/8"	120"	PLATE/SHELL - ROLL TO 30" O.D.	SA-36	297	
MATERIAL NO	V.C. REF	QTY.	ITEM	THK.	WIDTH	LENGTH		DESCRIPTION	MATERIAL	INVENTORY	CHG BY
MATERIAL LIST Page 1 of 1											

JOB: 65410 DRWG. NO.: E1284400 REV.: 00 DEPT: (A B C D E F G H J K L M N O H R S Z) DATE: 08/22/07 NO. REQ'D: 20

NO.	QTY.	ITEM	THK.	WIDTH	LENGTH	DESCRIPTION	MATERIAL	INVENTORY
9-9	1	N1	4"	YES	SEE FLUSH	MNPT	---	#12 B FILL CONNECTION
9-9	1	C6	1"	SEE	COIL	DWG	---	C THERMOSTAT
9-9	1	C5	1"	SEE	COIL	DWG	---	C THERMOMETER
9-9	1	C4	1"	SEE	COIL	DWG	---	C THERMOSTAT
9-9	1	C3	1"	SEE	COIL	DWG	---	A PREHEAT LINE
9-9	1	C2	1"	SEE	COIL	DWG	---	A PREHEAT LINE
9-9	1	C1	2"	SEE	COIL	DWG	---	D DRAIN W/PLUG
NOZZLE SCHEDULE								
Page 1 of 1								

JOB: 65410 DRWG. NO.: E1284400 REV.: 00 DEPT: (A B C D E F G H J K L M N O H R S Z) DATE: 08/22/07 NO. REQ'D: 20

Sivalls, Inc. Box 2792 Odessa, Texas 79780	
TITLE: INDIRECT HEATER MODEL IH-3010-T2	
CUSTOMER: NEWFIELD PRODUCTION COMPANY	
SCALE: 1 1/2"=1'-0"	
DATE: 08/22/07	
DRAWN BY: NBL	
CHECKED BY: RSH	
DWG. E1284400	