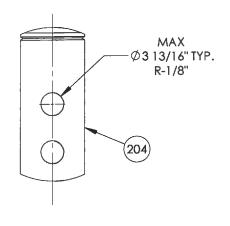
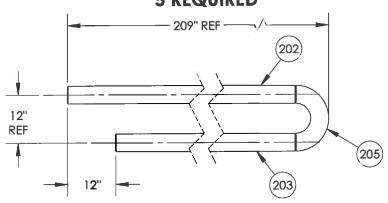


PLAN VIEW
HEADER SUBASSEMBLY



ITEM	PART#	DESCRIPTION	MTR #	LENGTH	QTY.
200	CAP10Y80GC	WELD CAP 10" SCH 80 BW SA234-WPB			2_
201	FLA10D80BE	FLANGE 10" 900 ANSI SCH 80 RTJ SA-105N			2
202	PIP480A	PIPE 4" SCH XH/80 SA 106B BE		200 3/4"	5
203	PIP480A	PIPE 4" SCH XH/80 SA 106B BE		188 3/4"	5
204	PIP1080A	PIPE 10" SCH 80 SA 106B BE		48"	2
205	RET4L80GC	Return 180 Deg 4" LR S/XH BW SA234WPB			5
206	WOL41080GE	WELDOLET 4" S/80 (10") SA-105			10

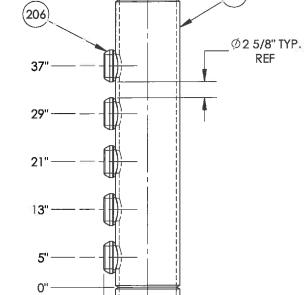
## **5 REQUIRED**



PLAN VIEW
COIL TUBE SUBASSEMBLY

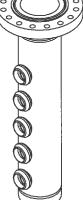
ORIGINAL

## 204) Ø2 5/8" TYP



DETAIL A SCALE: 1:16





## CLIENT SPECIFICATION: N/A DESIGN PRESSURE: 1480 PSIG MAX. DESIGN METAL TEMPERATURE: 200°F MIN. DESIGN METAL TEMPERATURE: -20°F IMPACT TEST: EXEMPT PER TABLE 323.2.2 COLUMN A RADIOGRAPHY: 10% OTHER NDE: NONE

PS-100 COIL DESIGN DATA

DESIGN AND FABRICATE TO: ANSI/ASME B31.3 NFS 2010 EDITION

HYDROSTATIC TEST PRESSURE: 2220 PSIG

CORROSION ALLOWANCE: 1/8"

PRE-HEAT: 50 °F

WEIGHT EMPTY: APROX. 3800 LBS.

WEIGHT FULL: APROX. 5000 LBS.

CAPACITY: 18.7 CU FT

SURFACE AREA: 186.6 SQ FT

QUALITY CONTROL PROGRAM: AQP-1253

WELDING PROCEDURE REGISTRATION NO.: 1604.2
WELD PROCEDURES: NWP-1 Rev.4, NWP-3 Rev.3

SERVICE: HYDROCARBONS
CRN NO.: V9651.2

DESIGN REGISTRATION DRAWINGS: 3985 Rev.1

POST WELD HEAT TREATMENT: NONE

REFERENCE CALCULATIONS: 3985 Rev.0
HUSKY ENERGY

NVF

HUSKY ENERGY

1.5 MMBTU LINE HEATER PACKAGE

54" OD X 16'LG @ LINE HEATER LH100

c/w 10"-900# HEADER AND 5 PIPE COIL

ASSEMBLY DETAILS

							//		
DWN:	MJi	1	СНК:	Q		APP:	T	_	
DATE:	DEC 3.	12	DATE: DE	C 13	2012	DATE	[ ]	3	ZUT
SHEET:		DWG:						F	REV:
2 C	)F 3			0858	32-00	)1-C-(	)01		0



55 9/16"

FRONT VIEW
HEADER SUBASSEMBLY

RIGHT VIEW
HEADER SUBASSEMBLY

ISOMETRIC VIEW
HEADER SUBASSEMBLY

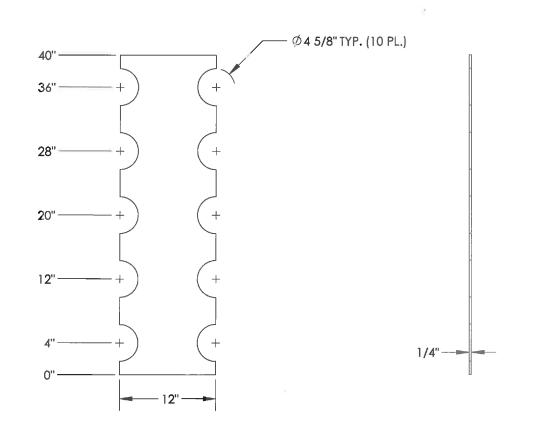
	SCALL. 1.10	-	CALL. 1.10			
08582-001-B-101	BATH ASSEMBLY			AS	BUILT	ISSUED FOR CONSTRUCTION
08582-001-S-001	SKID ASSEMBLY					SIGNED:
08582-001-F-101	FIRETUBE AND STACK					DATE:
08582-1	P&ID			1		
08582-001-G-001	GENERAL ARRANGEMENT	0 DEC 3/12	MJH	DD	ISSUED FOR CONSTRUCTION	W.O.:
DOCUMENT NO.	DESCRIPTION	REV. DATE	BY:	CHK: API	P: DESCRIPTION	S.N.:
REFERENCE DRAWINGS				DRAWIN	IG REVISIONS	ALL DIMENSIONS IN INCHES

P.O. BOX 6280, INNISFAIL, AB T4G 1S9
PH: (403) 227-4100 FAX: (403) 227-4102 DATE: DEC

REFERENCE DRAWINGS

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2" TYP.



Ø4 5/8" (10 PL.) L37/16" (92) Ø9/16" BOLT HOLES ON 60" BCD EQUI-SPACED AND STRADDLING CENTERLINES 25 13/16" 3/8" 0000 Ø21/2"-- Ø62"-

DETAIL ITEM #100 FLAT PATTERN SCALE: 1:12

> DETAIL ITEM #101 FLAT PATTERN SCALE: 1:12

## ORIGINAL

<b>—</b>								ISSUED FOR HUSKY EN				
							DIME	CONSTRUCTION			IMBTU LINE HEATER PACKAGE	
08582-001-B-101	BATH ASSEMBLY				4	AS.	BUILT	CONSTRUCTION	NWP		O X 16'LG @ LINE HEATER LH100	
08582-001-S-001	SKID ASSEMBLY							SIGNED:		c/w 10	"-900# HEADER AND 5 PIPE COIL	
08582-001-F-101	FIRETUBE AND STACK							DATE:	<u>INDUSTRIES INC.</u> Total oilfield supply.		PLATE PART DETAILS	
08582-1	P&ID				_	0			P.O. BOX 6280, INNISFAIL, AB. T4G 1S9	DWN: MJH	CHK: APP:	
08582-001-G-001	GENERAL ARRANGEMENT	0	DEC 3/12	MJH	Q	9	ISSUED FOR CONSTRUCTION	W.O.:	P.O. BOX 6280, INNISFAIL, AB T4G 1S9 PH: (403) 227-4100 FAX: (403) 227-4102	DEC 3/12	DATEDEC 1 3 2012 DATEDEC 1 3 2012	
DOCUMENT NO.	DESCRIPTION	REV.	DATE	BY:	CHK:	APP:	DESCRIPTION	S.N.:	SCALE:	SHEET: DWG	REV:	
REFERENCE DRAWINGS			DRAWING REVISIONS				EVISIONS	ALL DIMENSIONS IN INCHES	AS NOTED	3 OF 3	08582-001-C-001 <b>0</b>	

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