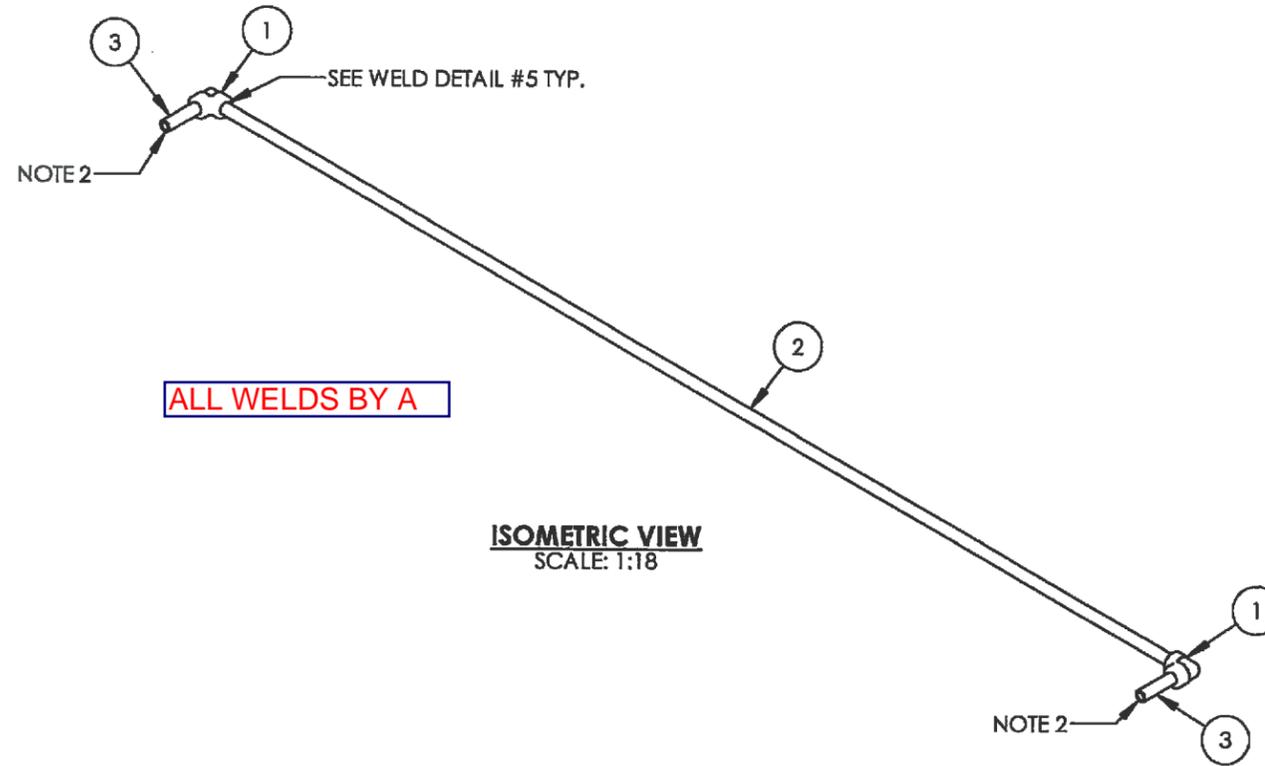
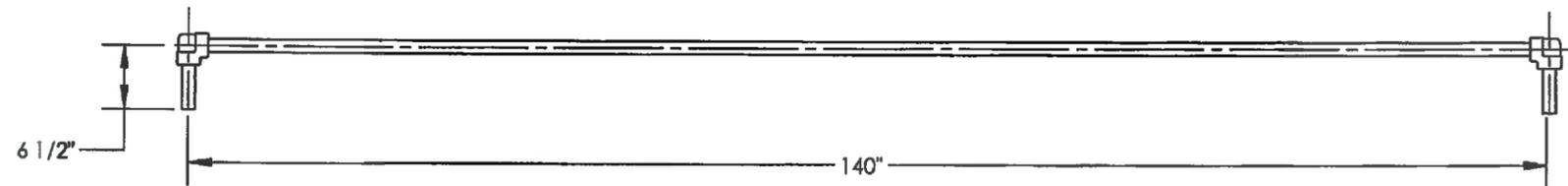
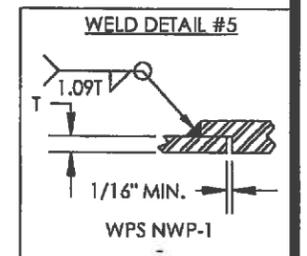


ITEM	PART #	DESCRIPTION	MTR #	LENGTH	QTY.
1	EL91HYFE	ELBOW 90 DEG 1" 6M SW SA105N			2
2	PIP1160A	PIPE 1" SCH 160 SA106B		137 9/16"	1
3	PIP1160A	PIPE 1" SCH 160 SA106B		5 3/16"	2



NOTES

1. ALL DIMENSIONS SHALL HAVE A TOLERANCE OF $\pm 1/8"$ UNLESS OTHERWISE SPECIFIED.
2. SHOP TO THREAD END PRIOR TO WELDING INTO BATH.
3. CUT LENGTHS FOR PIPE ARE FOR REFERENCE ONLY. SHOP TO ADJUST PIPE LENGTHS AS REQUIRED.



ORIGINAL

DESIGN DATA	
LINE NUMBER:	FG-1"-B-160AB-101
CLIENT SPECIFICATION:	-
DESIGN & FABRICATE TO:	ANSI/ASME B31.3 NFS 2010 EDITION
DESIGN PRESSURE:	1440 PSI
MAXIMUM DESIGN TEMPERATURE:	200 °F
MINIMUM DESIGN TEMPERATURE:	-20 °F
SERVICE:	HYDROCARBONS
HYDROSTATIC TEST PRESSURE:	2160 PSI
RADIOGRAPHY:	- NONE
OTHER NDE:	- NONE
POST WELD HEAT TREATMENT:	NONE
CORROSION ALLOWANCE:	1/8"
Q.C. PROGRAM NO.:	AQP-1253
WELDING PROCEDURE REGISTRATION NO.:	WP-1604.2

DOCUMENT NO.	DESCRIPTION	REV	DATE	BY	CHK	APP	DRAWING REVISIONS
		1	2011.08.18	JHK			RFDC #00597 REMOVE XRAY AND MPI TESTING
		0	2011.07.27	JHK	GH	CT	ISSUED FOR CONSTRUCTION

AS BUILT

ISSUED FOR CONSTRUCTION

SIGNED:
DATE: JAN 25 2013

W.O. 8664-001-B

S.O.:

ALL DIMENSIONS IN INCHES



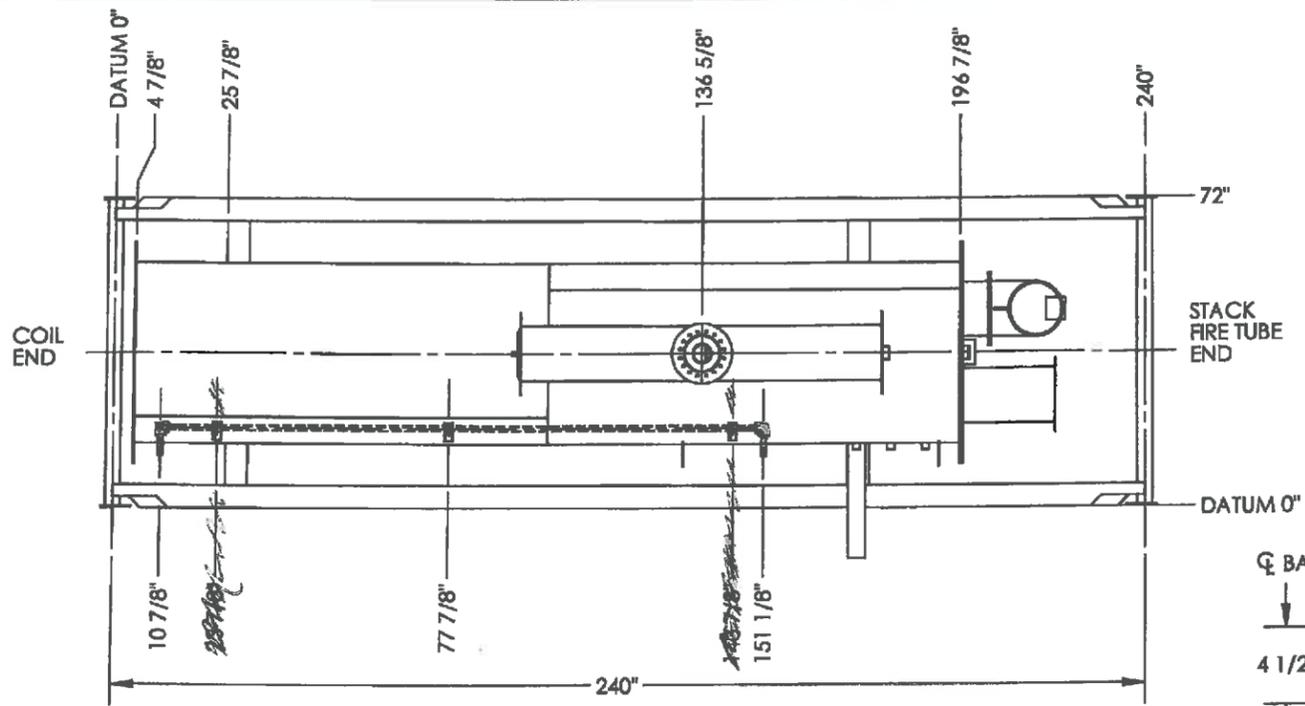
P.O. BOX 6280, INNISFAIL, AB T4G 1S9
PH: (403) 227-4100 FAX: (403) 227-4102

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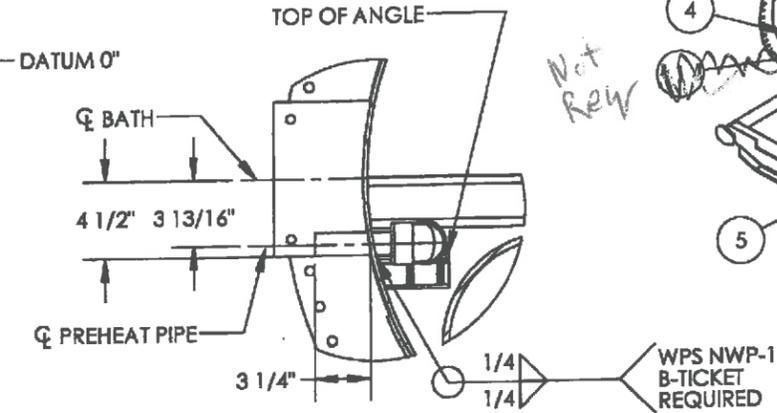
NWP INDUSTRIES INC
FUEL GAS PREHEAT PIPING
TO FIT 42" OD x 16' BATH
REG TEMP
PIPING ASSEMBLY

DWN: JHK	CHK: GH	APP: CT
DATE: 2011.07.28	DATE: 2011.08.16	DATE: 2011.08.16
SCALE: 1:18	DWG: LH-PH-4216-3	REV: 1
SHEET: 1 OF 1		

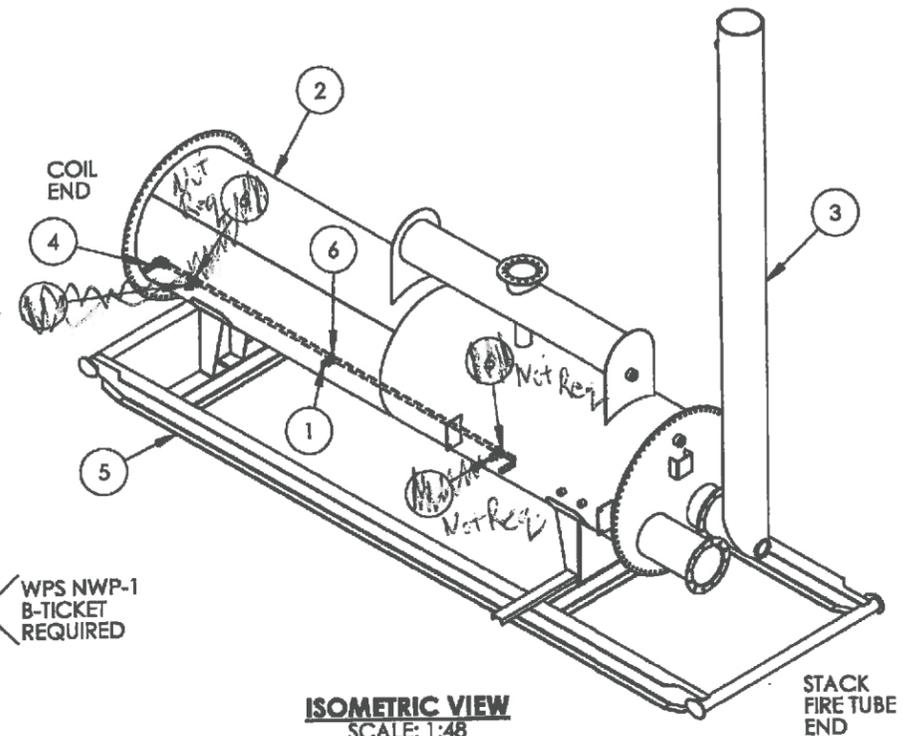
ITEM	PART #	DESCRIPTION	MTR #	LENGTH	QTY.
1	ANGC22A	ANGLE IRON 1/4" x 2" x 2" SA36/44W		4 1/4"	2
2	LH-4216-BARE	LH BATH 42" OD x 16' BARE w 12 3/4" OD x 5' EXP. TANK			1
3	LH-FIRSTK-12-1	LH FIRETUBE/STACK 12 3/4" OD FOR 42" OD x 16' BATH			1
4	LH-PH-4216-3	LH PREHEAT PIPING TO FIT 42" OD x 16' BATH			1
5	LH-SKID-4216	LH SKID TO FIT 42" OD x 16' BATH			1
6	UBO1.375	U-BOLT, 1" x 3/8" c/w 4 NUTS FIG 137			2



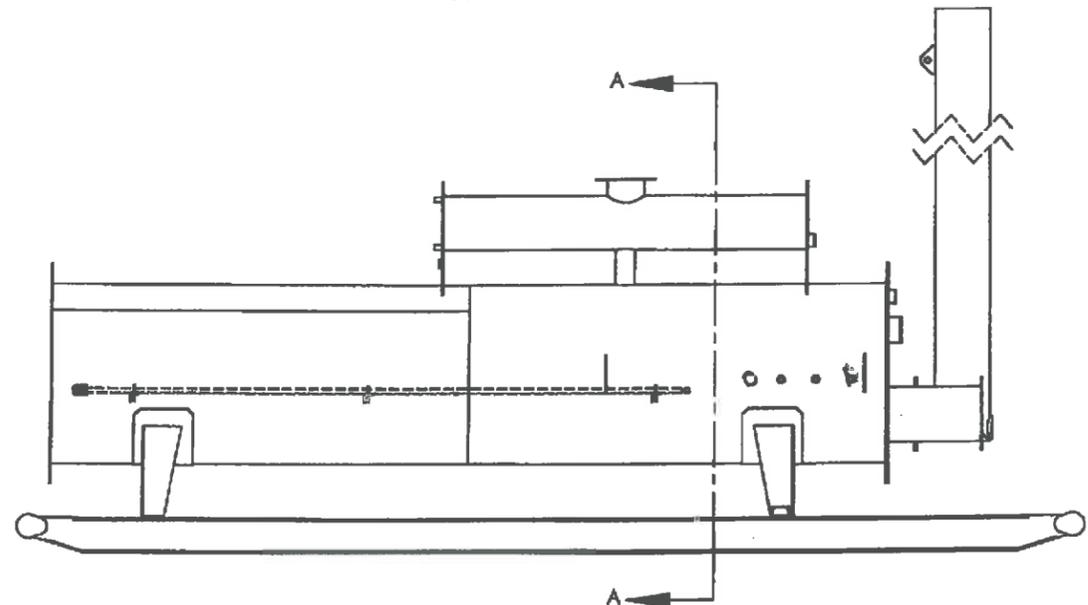
PLAN VIEW
SCALE: 1:40



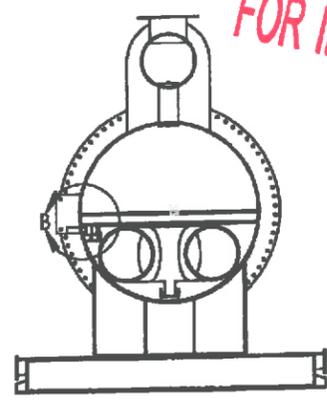
DETAIL 'B'
SCALE: 1:10



ISOMETRIC VIEW
SCALE: 1:48



FRONT VIEW
SCALE: 1:40



SECTION 'A-A'
SCALE: 1:40

FOR INFORMATION ONLY

ORIGINAL

- NOTES**
- FABRICATE TO W47.1 AND W59.
 - ALL BOLT HOLES STRADDLE VERTICAL CENTER LINE.
 - RADIUS ALL SHARP EDGES.
 - ALL WELDS TO BE 1/4" CONTINUOUS FILLET WELDS UNLESS OTHERWISE NOTED.
 - WELD PROCESS TO BE MCAW UNLESS OTHERWISE NOTED.
 - APPROX. WEIGHT: 6200 LBS.

DOCUMENT NO.	DESCRIPTION	REV	DATE	BY	CHK	APP	DRAWING REVISIONS
COIL-4216-1	COIL ASSEMBLY						AS BUILT
LH-SKID-4216	SKID ASSEMBLY						
PKGLH-14216-1-11	ENCLOSURE DRAWING						
PKGLH-14216-1-2	PIPING ASSEMBLY						
PKGLH-14216-1-1	PIPING AND INSTRUMENTATION DIAGRAM						
PKGLH-14216-1	GENERAL ARRANGEMENT	0	2011.06.28	DJ	P.A.		ISSUED FOR CONSTRUCTION

ISSUED FOR CONSTRUCTION

SIGNED: *[Signature]*

DATE: **JAN 29 2013**

W.O.: **8654-001**

S.O.: _____

ALL DIMENSIONS IN INCHES

NWP INDUSTRIES INC.
Total offfield supply.

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

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NWP INDUSTRIES INC. 1.0 MMBTU/HR LINE HEATER PACKAGE 42"OD x 192"LG LINE HEATER c/w 3"-1500# x 3"-1500# SPLIT COILS BATH ASSEMBLY		
DWN: DJ	CHK: <i>[Signature]</i>	APP: <i>[Signature]</i>
DATE: 2011.06.28	DATE: <i>[Signature]</i>	DATE: <i>[Signature]</i>
SCALE: 1:48	DWG: PKGLH-14216-1-6	REV: 0
SHEET: 1 OF 1		