

ITEM	PART #	DESCRIPTION	MTR #	LENGTH	QTY.
101	233.54-10000	PRESSURE GAUGE WIKA 0-10000 PSI MODEL 233.54 SS			1
102	BUY	VALVE NEEDLE CENTURY 3/4" M x 1/2" F NPT CM1111M44TCNTSSP100			1
103	FLH2.75FYBF	FLANGE HUBBED 2" 2500 ANSI TAPPED 3/4" NPT RTJ SA350LF2-CL1			1
104	GASR26YYD	GASKET 2" 2500 ANSI R26 RTJ MILD STEEL			1
105	GASR38YYD	GASKET 4" 2500 ANSI R38 RTJ MILD STEEL			1
106	NUT1YFAY	NUT 1" 2HM HEX			16
107	NUT1.5YFAY	NUT 1 1/2" 2HM HEX			16
108	PLH.5HYEE	PLUG HEX 1/2" 6M THRD SA105N			2
109	STU1.511HY	STUD 1 1/2" x 11" LG B7M			8
110	STU17.5GY	STUD 1" x 7 1/2" LG B7M			8

ISOMETRIC VIEW
SCALE 1:12

FRONT VIEW
SCALE: 1:12

DESIGN DATA	
LINE NUMBER:	PF-4"-4XXHD-100
CLIENT SPECIFICATION:	ENCANA FAB 2012
DESIGN & FABRICATE TO:	ANSI/ASME B31.3 NPS 20TH EDITION
DESIGN PRESSURE:	5171 PSIG
MAXIMUM DESIGN TEMPERATURE:	200 °F
MINIMUM DESIGN TEMPERATURE:	-49 °F
SERVICE:	HYDROCARBONS
HYDROSTATIC TEST PRESSURE:	7757 PSIG
RADIOGRAPHY:	100%
OTHER NDE:	SEE NOTE 5
POST WELD HEAT TREATMENT:	1150°F TO 1175°F FOR 1HR MIN.
CORROSION ALLOWANCE:	1/16"
Q.C. PROGRAM NO.:	AQP-1253
WELDING PROCEDURE REGISTRATION NO.:	WP-16042

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CONSTRUCTION

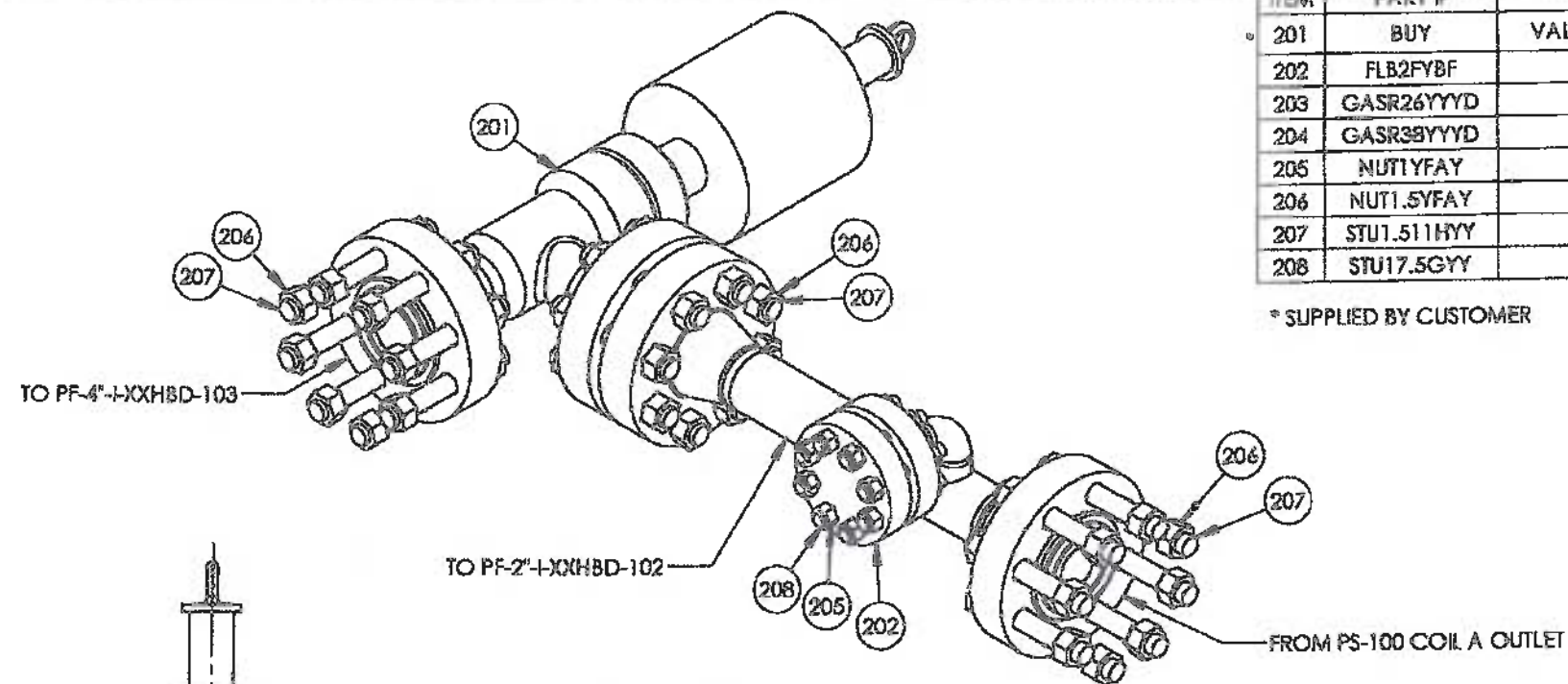


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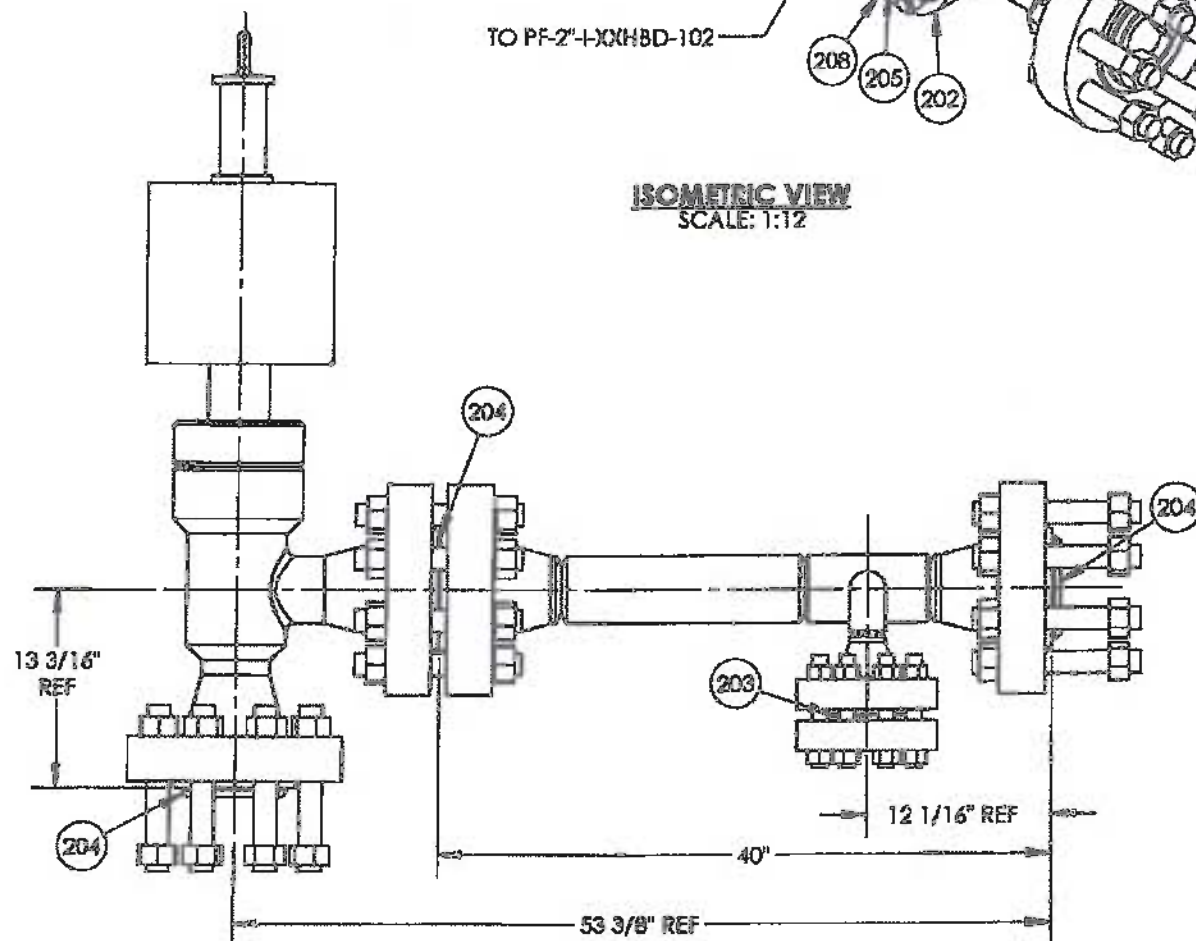
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DATE: OCT 05/12	DATE: NOV 20 2012	DATE: NOV 19 2012
SCALE: 1:12	DWG: 00542-25	REV: 0
SHEET: 1 OF 8		

						AS BUILT	
08562-6	BATH ASSEMBLY						
08562-3	SKID ASSEMBLY						
08562-2A	WELDED PIPING						
08562-1	PIPING AND INSTRUMENTATION DIAGRAM						
08562	GENERAL ARRANGEMENT	0	OCT 05/12	VW	9	11	ISSUED FOR CONSTRUCTION
DOCUMENT NO.	DESCRIPTION	REV	DATE	BY	CHK	APP	
REFERENCE DRAWINGS		DRAWING REVISIONS					

08806



ISOMETRIC VIEW
SCALE: 1:12



PLAN VIEW
SCALE: 1:12

ITEM	PART #	DESCRIPTION	MTR #	LENGTH	QTY.
201	BUY	VALVE CHOKE MASTERFLO P3E 4" x 4" 2500 ANSI RTJ w/ MASTERFLO PDA100 ACTUATOR			1
202	FLB2FYBF	Blind 2" 2500 ANSI RTJ SA350LF2-C1.1			1
203	GASR26YYYD	GASKET 2" 2500 ANSI R26 RTJ MILD STEEL			1
204	GASR38YYYD	GASKET 4" 2500 ANSI R38 RTJ MILD STEEL			3
205	NUT1YFAY	NUT 1" 2HM HEX			16
206	NUT1.5YFAY	NUT 1 1/2" 2HM HEX			48
207	STU1.511HY	STUD 1 1/2" x 11" LG B7M			24
208	STU17.5GY	STUD 1" x 7 1/2" LG B7M			8

* SUPPLIED BY CUSTOMER

NOTES

1. ALL DIMENSIONS SHALL HAVE A TOLERANCE OF $\pm 1/8"$ UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS INCLUDE $1/8"$ ROOT GAP.
3. ALL BOLT HOLES STRADDLE COMMON CENTER LINE.
4. CUT LENGTHS FOR PIPE ARE FOR REFERENCE ONLY. SHOP TO ADJUST PIPE LENGTHS AS REQUIRED.
5. HARDNESS TESTING - MAX 200 BNH 10%.

DESIGN DATA

LINE NUMBER:	PF-4'-I-XHBD-101
CLIENT SPECIFICATION:	ENCANA FAB
DESIGN & FABRICATE TO:	ANSI/ASME B31.3 NPS 2012 EDITION
DESIGN PRESSURE:	5171 PSIG
MAXIMUM DESIGN TEMPERATURE:	200 °F
MINIMUM DESIGN TEMPERATURE:	-49 °F
SERVICE:	HYDROCARBONS
HYDROSTATIC TEST PRESSURE:	7757 PSIG
RADIOGRAPHY:	100%
OTHER NDE:	SEE NOTE 5
POST WELD HEAT TREATMENT:	1150 °F TO 1175 °F FOR 1HR MIN.
CORROSION ALLOWANCE:	1/16"
Q.C. PROGRAM NO.:	AGP-1253
WELDING PROCEDURE REGISTRATION NO.:	WP-1604.2

AS BUILT

08562-6	BATH ASSEMBLY								
08562-3	SKID ASSEMBLY								
08562-2A	WELDED PIPING								
08562-1	PIPING AND INSTRUMENTATION DIAGRAM								
08562	GENERAL ARRANGEMENT	0	OCT 05/12	VW					ISSUED FOR CONSTRUCTION
DOCUMENT NO.	DESCRIPTION	REV	DATE	BY	CHK	APP			

ISSUED FOR
CONSTRUCTION

SIGNED: *[Signature]*
DATE: JUN 18 2013
W. 8806-002
S/N: NWP-08806-002
ALL DIMENSIONS IN INCHES



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PH: (403) 227-4100 FAX: (403) 227-4102

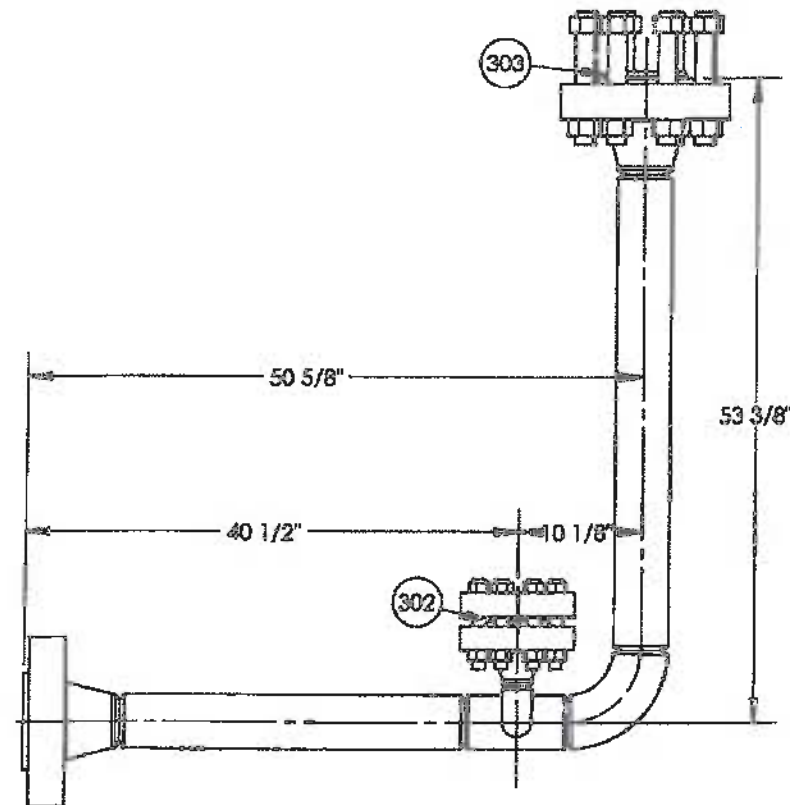
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ENCANA CORPORATION
LINEHEATER PACKAGE
3.0 MMBTU
C/W 4"-2500# RTJ SPLIT COILS
PIPING ASSEMBLY

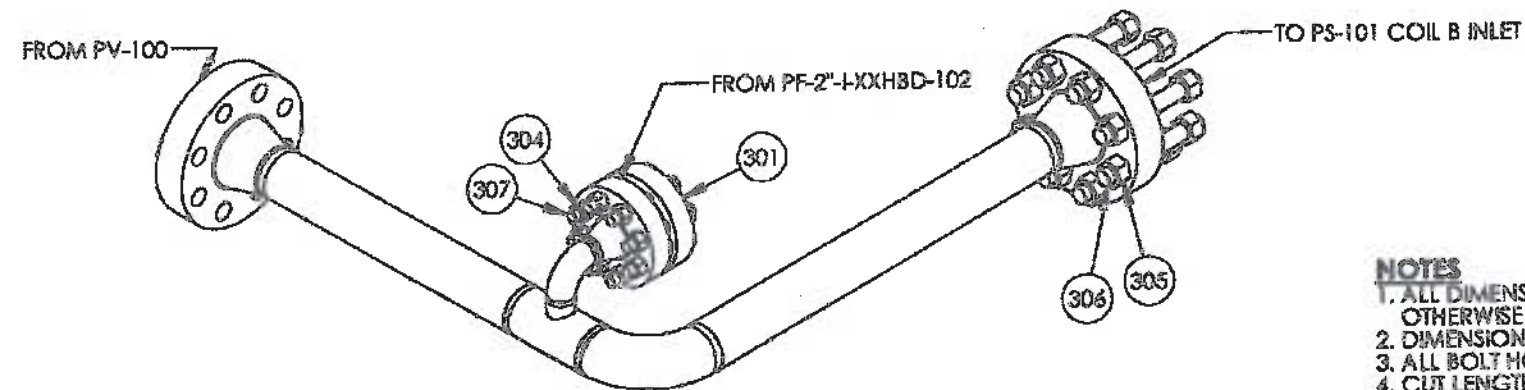
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SCALE: 1:12 DWG: 08562-2B REV: 0
SHEET: 2 OF 8

08806

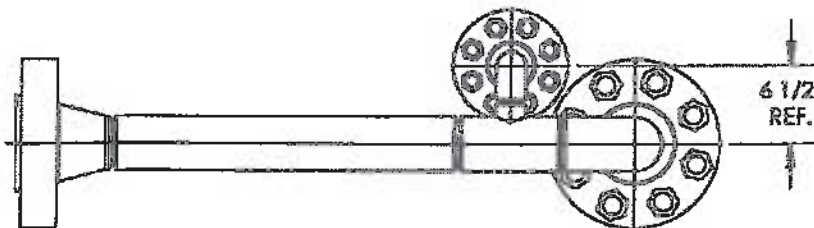
ITEM	PART #	DESCRIPTION	MTR #	LENGTH	QTY.
301	FL82FYBF	Blind 2" 2500 ANSI RTJ SA350LF2-CL1			1
302	GASR26YYYD	GASKET 2" 2500 ANSI R26 RTJ MILD STEEL			1
303	GASR38YYYD	GASKET 4" 2500 ANSI R38 RTJ MILD STEEL			1
304	NUT1YFAY	NUT 1" 2HM HEX			16
305	NUT1.5YFAY	NUT 1 1/2" 2HM HEX			16
306	STU1.511HY	STUD 1 1/2" x 11" LG B7M			8
307	STU17.5GY	STUD 1" x 7 1/2" LG B7M			8



PLAN VIEW
SCALE: 1:15



ISOMETRIC VIEW
SCALE: 1:15



FRONT VIEW
SCALE: 1:15

- NOTES**
1. ALL DIMENSIONS SHALL HAVE A TOLERANCE OF $\pm 1/8"$ UNLESS OTHERWISE SPECIFIED.
 2. DIMENSIONS INCLUDE $1/8"$ ROOT GAP.
 3. ALL BOLT HOLES STRADDLE COMMON CENTER LINE.
 4. CUT LENGTHS FOR PIPE ARE FOR REFERENCE ONLY. SHOP TO ADJUST PIPE LENGTHS AS REQUIRED.
 5. HARDNESS TESTING - MAX 200 BNH 10%.

DESIGN DATA	
LINE NUMBER:	PF-4"-LXXHBD-103
CLIENT SPECIFICATION:	ENCANA FAB
DESIGN & FABRICATE TO:	ANSI/ASME B31.3 NPS 2010 EDITION
DESIGN PRESSURE:	5171 PSIG
MAXIMUM DESIGN TEMPERATURE:	200 °F
MINIMUM DESIGN TEMPERATURE:	-49 °F
SERVICE:	HYDROCARBONS
HYDROSTATIC TEST PRESSURE:	7757 PSIG
RADIOGRAPHY:	100%
OTHER NDE:	SEE NOTE 5
POST WELD HEAT TREATMENT:	1150 °F TO 1175 °F FOR 1HR MIN.
CORROSION ALLOWANCE:	1/16"
Q.C. PROGRAM NO.:	AQP-1253
WELDING PROCEDURE REGISTRATION NO.:	WP-14042

REFERENCE DRAWINGS					
08562-6	BATH ASSEMBLY				
08562-3	SKID ASSEMBLY				
08562-2A	WELDED PIPING				
08562-1	PIPING AND INSTRUMENTATION DIAGRAM				
08562	GENERAL ARRANGEMENT	0	OCT 05/12	VW	D
DOCUMENT NO.	DESCRIPTION	REV	DATE	BY	CHK

AS BUILT

ISSUED FOR
CONSTRUCTION

SIGNED: *[Signature]*
DATE: JUN 10 2013
W. 8806-002
S/N: NWP-08806-002
ALL DIMENSIONS IN INCHES



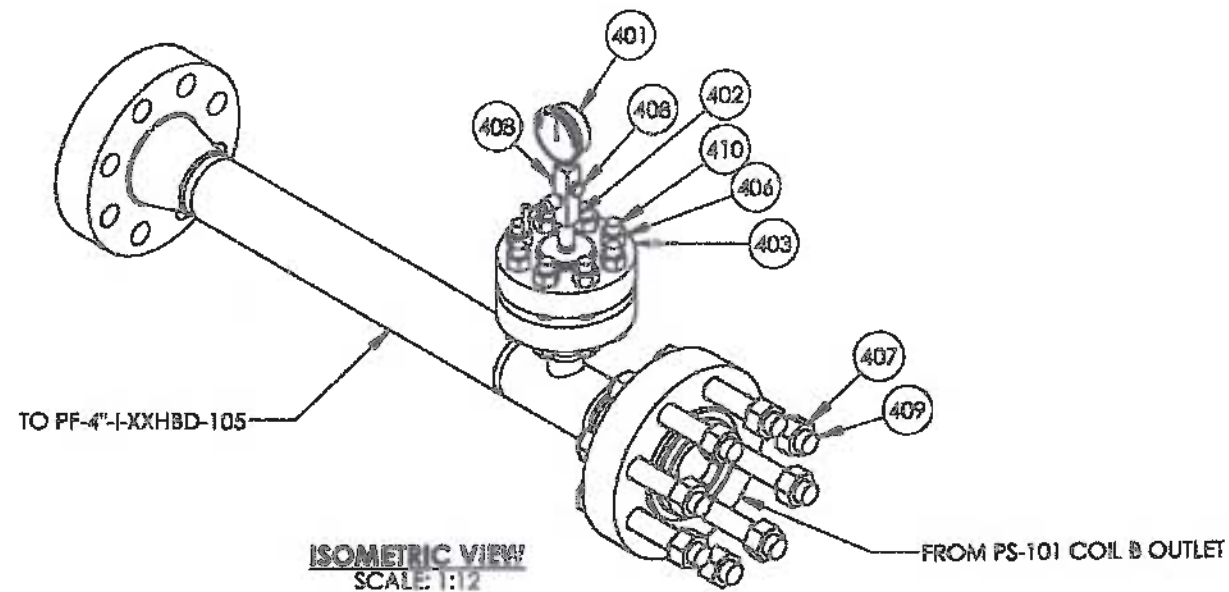
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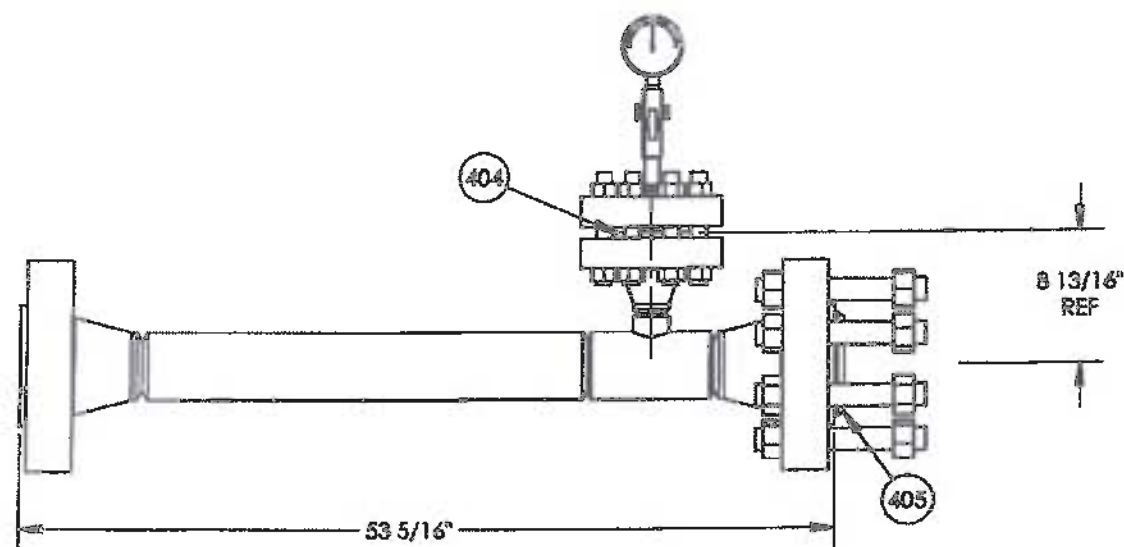
ENCANA CORPORATION
LINEHEATER PACKAGE
3.0 MMBTU
C/W 4"-2500# RTJ SPLIT COILS
PIPING ASSEMBLY

DWN: VW CHK: *[Signature]* APP: *[Signature]*
DATE: OCT 05/12 DATE: NOV 20 2012 DATE: NOV 19 2012
SCALE: 1:15 DWG: 08562-20 REV: 0
SHEET: 3 OF 8

08806



ISOMETRIC VIEW
SCALE: 1:12



FRONT VIEW
SCALE: 1:12

ITEM	PART #	DESCRIPTION	MTR #	LENGTH	QTY.
401	233.54-10000	PRESSURE GAUGE WIKA 0-10000 PSI MODEL 233.54 SS			1
402	BUY	VALVE NEEDLE CENTURY 3/4\" M x 1/2\" FNPT CAM 111M44TCNTSSP100			1
403	FLH2.75FYBF	FLANGE HUBBED 2\" 2500 ANSI TAPPED 3/4\" NPT RTJ SA350LF2-CL1			1
404	GASR26YYD	GASKET 2\" 2500 ANSI R26 RTJ MILD STEEL			1
405	GASR38YYD	GASKET 4\" 2500 ANSI R38 RTJ MILD STEEL			1
406	NUT1YFAY	NUT 1\" 2HM HEX			16
407	NUT1.5YFAY	NUT 1 1/2\" 2HM HEX			16
408	PLH.5HYEE	PLUG HEX 1/2\" 6M THRD SA105N			2
409	STU1.511HY	STUD 1 1/2\" x 11\" LG B7M			8
410	STU17.5GY	STUD 1\" x 7 1/2\" LG B7M			8

NOTES

1. ALL DIMENSIONS SHALL HAVE A TOLERANCE OF $\pm 1/8$ \" UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS INCLUDE $1/8$ \" ROOT GAP.
3. ALL BOLT HOLES STRADDLE COMMON CENTER LINE.
4. CUT LENGTHS FOR PIPE ARE FOR REFERENCE ONLY. SHOP TO ADJUST PIPE LENGTHS AS REQUIRED.
5. HARDNESS TESTING - MAX 200 BNH 10%.

DESIGN DATA

LINE NUMBER:	PF-4\"-I-XXHBD-104
CLIENT SPECIFICATION:	ENCANA FAB 2012
DESIGN & FABRICATE TO:	ANSI/ASME B31.3 NPS 2010 EDITION
DESIGN PRESSURE:	5171 PSIG
MAXIMUM DESIGN TEMPERATURE:	200°F
MINIMUM DESIGN TEMPERATURE:	-49°F
SERVICE:	HYDROCARBONS
HYDROSTATIC TEST PRESSURE:	7757 PSIG
RADIOGRAPHY:	100%
OTHER NDE:	SEE NOTE 5
POST WELD HEAT TREATMENT:	1150°F TO 1175°F FOR 1HR MIN.
CORROSION ALLOWANCE:	1/16\"
Q.C. PROGRAM NO.:	AQP-1253
WELDING PROCEDURE REGISTRATION NO.:	WP-1604.2

AS BUILT

DOCUMENT NO.	DESCRIPTION	REV	DATE	BY	CHK	APP	DRAWING REVISIONS
08562-6	BATH ASSEMBLY						
08562-3	SKID ASSEMBLY						
08562-2A	WELDED PIPING						
08562-1	PIPING AND INSTRUMENTATION DIAGRAM						
08562	GENERAL ARRANGEMENT	0	OCT 05/12	VW	P	JL	ISSUED FOR CONSTRUCTION

ISSUED FOR
CONSTRUCTION

SIGNED:

DATE:

W. 8806-002

S/N: NWP-08806-002

ALL DIMENSIONS IN INCHES



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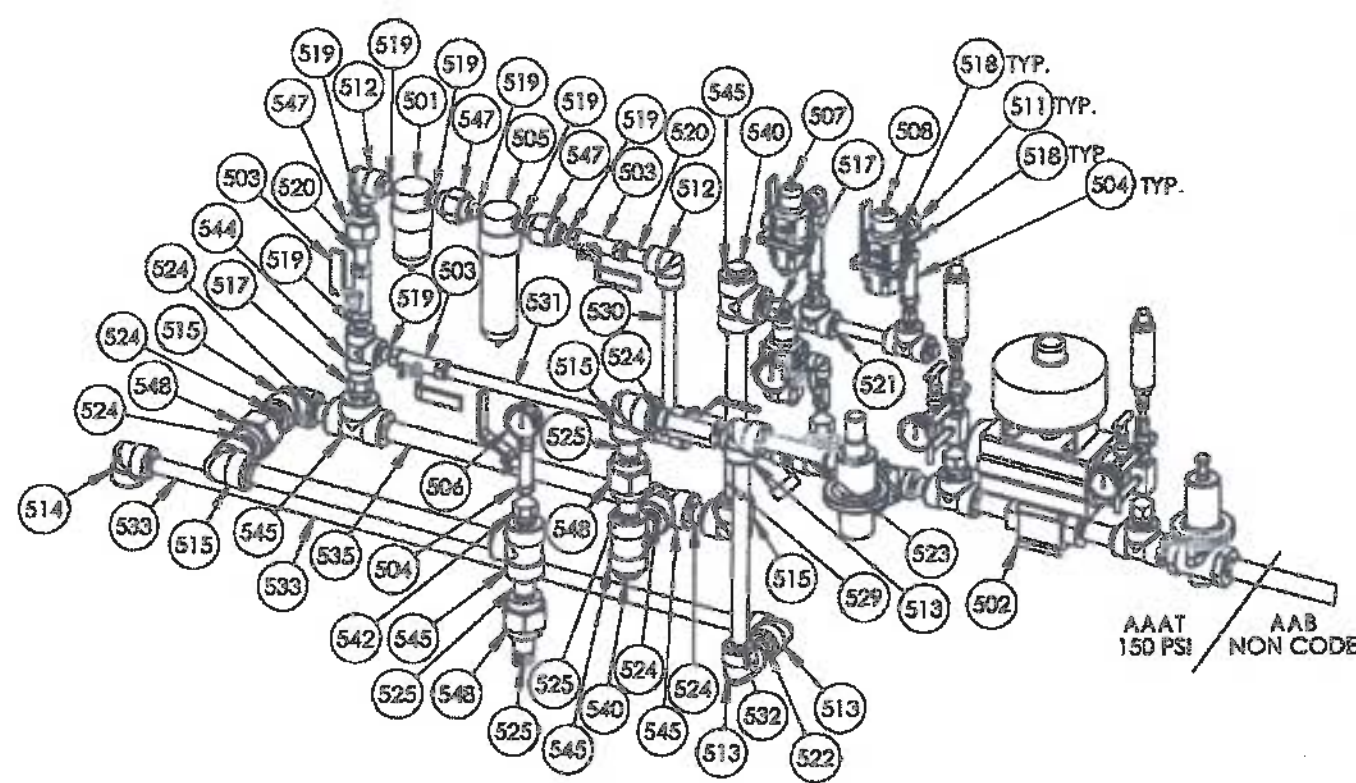
ENCANA CORPORATION
LINEHEATER PACKAGE
3.0 MMBTU
C/W 4\"-2500# RTJ SPLIT COILS
PIPING ASSEMBLY

DWN: VW	CHK: P	APP: JL
DATE: OCT 05/12	DATE: NOV 20 2012	DATE: NOV 19 2012
SCALE: 1:12	DWG: 08562-23	REV: 0
SHEET: 4 OF 8		

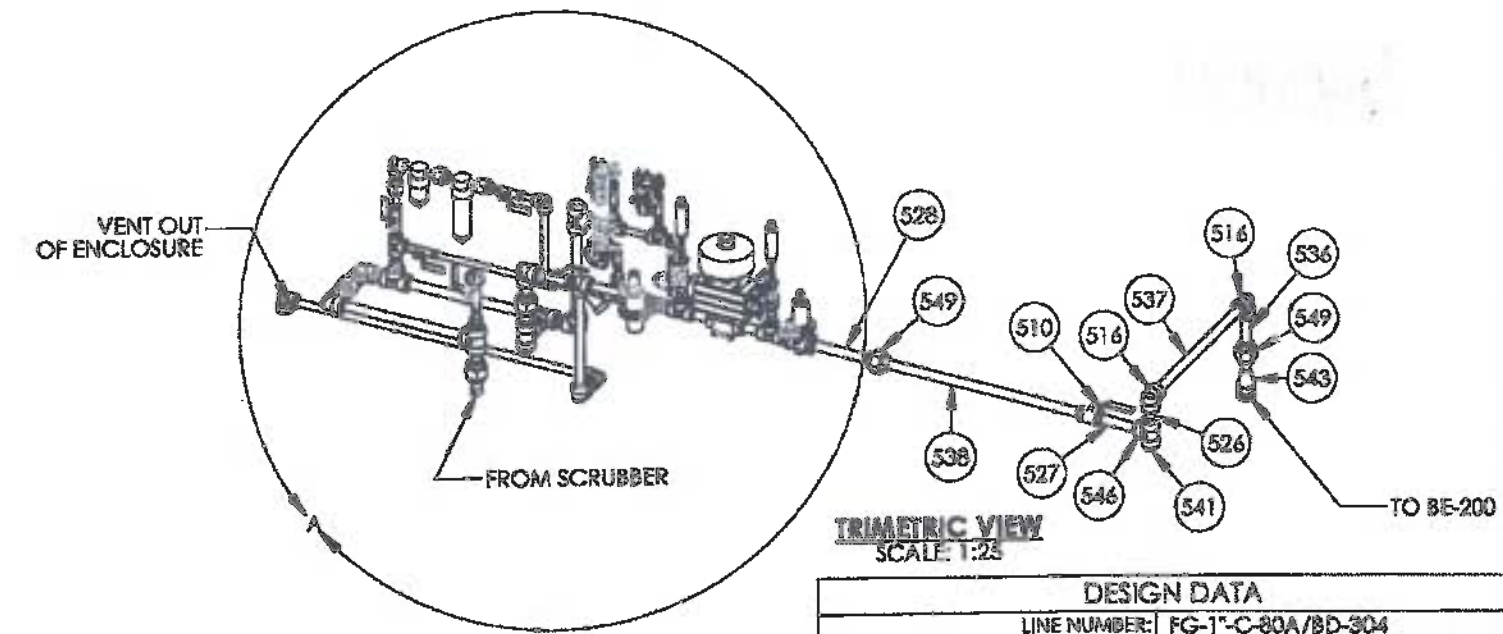
08806

ITEM	PART	DESCRIPTION	UNIT	LENGTH	QTY.
501	100218	FILTER, HEADLINE, MD 360A-70, MAWP 500 PSI, 1/2" NPT			
502	100963	VALVE TRIN ENCANA SPEC L-R FLOW			
503	BUY	BALL VALVE NUTRON 1/2" 3000 PSI NPT FP NACE T3			3
504	BUY	BALL VALVE NUTRON 1/4" 3000 PSI NPT FP STD T3			3
505	BUY	FILTER, HEADLINE, MD 370A, MAWP 500 PSI, 1/2" NPT			
506	BUY	PRESSURE INDICATOR WKA 2 1/2" FACE x 1/4" NPT 0-200 PSI SS			1
507	BUY	PRESSURE REGULATOR FISHER 67CFR 0-35 PSI SPRING STD TRIM			1
508	BUY	PRESSURE REGULATOR FISHER 67CFR 0-125 PSI SPRING STD TRIM			1
509	BUY	SWAGE 1/2" x 1/4" SCH XH/80 THRD 316 SST			2
510	BUY	VALVE BALL EMICO 1" NPT 720 SERIES 600 PSI WOG FP			1
511	EL9.25HYEE	Elbow 90 Deg 1/4" 6M THRD SA105N			2
512	EL9.5HYEE	Elbow 90 Deg 1/2" 6M THRD SA105N			2
513	EL9.75HYEE	Elbow 90 Deg 3/4" 6M THRD SA105N			3
514	EL9.75HYEF	ELBOW 90 DEG 3/4" 6M THRD SA350-LF2-CL1			4
515	EL9THYEE	Elbow 90 Deg 1" 6M THRD SA105N			4
516	EL9THYEF	ELBOW 90 DEG 1" 6M THRD SA350-LF2-CL1			2
517	SWA1.5Y80EE	SWAGE 1" x 1/2" SCH XH/80 THRD SA105N			2
518	NIP.252Y80EK	NIPPLE 1/4" x 2" SCH XH/80 316/316L SST			4
519	NIP.52Y80EA	NIPPLE 1/2" x 2" SCH XH/80 SA106-B			6
520	NIP.53Y80EA	NIPPLE 1/2" x 3" SCH XH/80 SA106-B			2
521	NIP.55Y80EA	NIPPLE 1/2" x 5" SCH XH/80 SA106-B			1
522	NIP.752Y80EA	NIPPLE 3/4" x 2 1/2" SCH XH/80 SA106-B			1
523	NIP.754Y80EA	NIPPLE 3/4" x 4" SCH XH/80 SA106-B			1
524	NIP12.5Y80EA	NIPPLE 1" x 2 1/2" SCH XH/80 SA106-B			6
525	NIP13Y80EA	NIPPLE 1" x 3" SCH XH/80 SA106-B			4
526	NIP13Y80EB	NIPPLE 1" x 3" SCH XH/80 SA333-6			1
527	NIP18Y80EB	NIPPLE 1" x 8" SCH XH/80 SA333-6			1

ITEM	PART	DESCRIPTION	UNIT	LENGTH	QTY.
528	NIP110Y80EB	NIPPLE 1" x 10" SCH XH/80 SA333-6			1
529	NIP115Y80EA	NIPPLE 1" x 15" SCH XH/80 SA106-B			1
530	PIP.580A	PIPE 1/2" SCH XH/80 SA106B TE		11"	1
531	PIP.580A	PIPE 1/2" SCH XH/80 SA106B TE		14 3/16"	1
532	PIP.7580A	PIPE 3/4" SCH XH/80 SA106B TE		15 5/8"	1
533	PIP.7580B	PIPE 3/4" SCH XH/80 SA333-6 TE		45 11/16"	1
534	PIP180A	PIPE 1" SCH XH/80 SA106B		19 11/16"	1
535	PIP180A	PIPE 1" SCH XH/80 SA106B		20 1/16"	1
536	PIP180B	PIPE 1" SCH XH/80 SA333-6 TE		5 7/8"	1
537	PIP180B	PIPE 1" SCH XH/80 SA333-6 TE		25 13/16"	1
538	PIP180B	PIPE 1" SCH XH/80 SA333-6 TE		31 5/16"	1
539	PLH.5HYEE	PLUG HEX 1/2" 6M THRD SA105N			2
540	PLH1HYEE	PLUG HEX 1" 6M THRD SA105N			1
541	PLH1HYEF	PLUG HEX 1" 6M THRD SA350-LF2-CL1			1
542	SWA1.25Y80EK	SWAGE 1" x 1/4" SCH XH/80 THRD 316 SST			1
543	SWA21Y80EF	SWAGE 2" x 1" SCH XH/80 THRD SA350-LF2-CL1			4
544	TEE.5HYEE	Tee 1/2" 6M THRD SA105N			5
545	TEE1HYEE	Tee 1" 6M THRD SA105N			1
546	TEE1HYEF	TEE 1" 6M THRD SA350-LF2-CL1			3
547	UNN.5HYEE	UNION 1/2" 6M THRD SA105N			3
548	UNN1HYEE	UNION 1" 6M THRD SA105N			2
549	UNN1HYEF	UNION 1" 6M THRD SA350-LF2-CL1			2



DETAIL 'A'
SCALE: 1:8



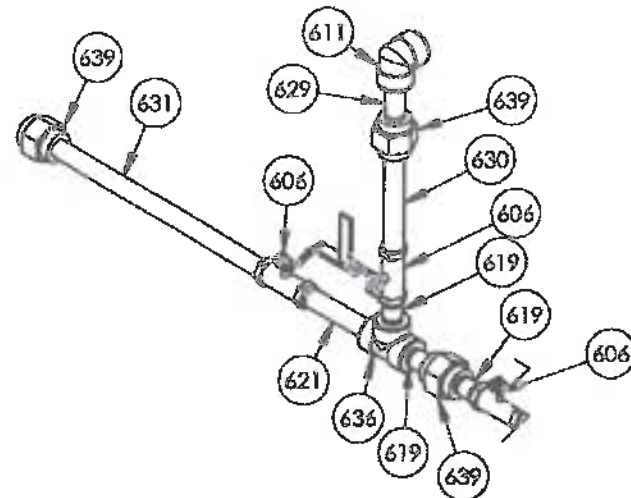
ISOMETRIC VIEW
SCALE: 1:25

DESIGN DATA	
LINE NUMBER:	FG-1"-C-80A/BD-304
CLIENT SPECIFICATION:	ENCANA AAAT/AA8
DESIGN & FABRICATE TO:	ANSI/ASME B31.3 NPS 2010 EDITION
DESIGN PRESSURE:	150 PSIG
MAXIMUM DESIGN TEMPERATURE:	100°F
MINIMUM DESIGN TEMPERATURE:	-20°F/-49°F
SERVICE:	HYDROCARBONS
HYDROSTATIC TEST PRESSURE:	225 PSIG
JOINT SEALANT:	JET LUBE TF-15
CORROSION ALLOWANCE:	1/16"
G.C. PROGRAM NO.:	AGP-1253

NOTES
1. SHOP TO ADJUST RANDOM PIPE LENGTHS AS REQUIRED.
2. 10% XRAY ON NWP MANUFACTURED THREADED PIPING.

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TO PREHEAT PIPING



DESIGN DATA	
LINE NUMBER:	FG-1"-C-80A/BD-300/304
CLIENT SPECIFICATION:	ENCANA AAAT/AAAB
DESIGN & FABRICATE TO:	ANSI/ASME B31.3 NFS 2010 EDITION
DESIGN PRESSURE:	150 PSIG
MAXIMUM DESIGN TEMPERATURE:	100° F
MINIMUM DESIGN TEMPERATURE:	-20° F/-49° F
SERVICE:	HYDROCARBONS
HYDROSTATIC TEST PRESSURE:	225 PSIG
JOINT SEALANT:	JET LUBE TF-15
CORROSION ALLOWANCE:	1/16"
G.C. PROGRAM NO.:	AQP-1253

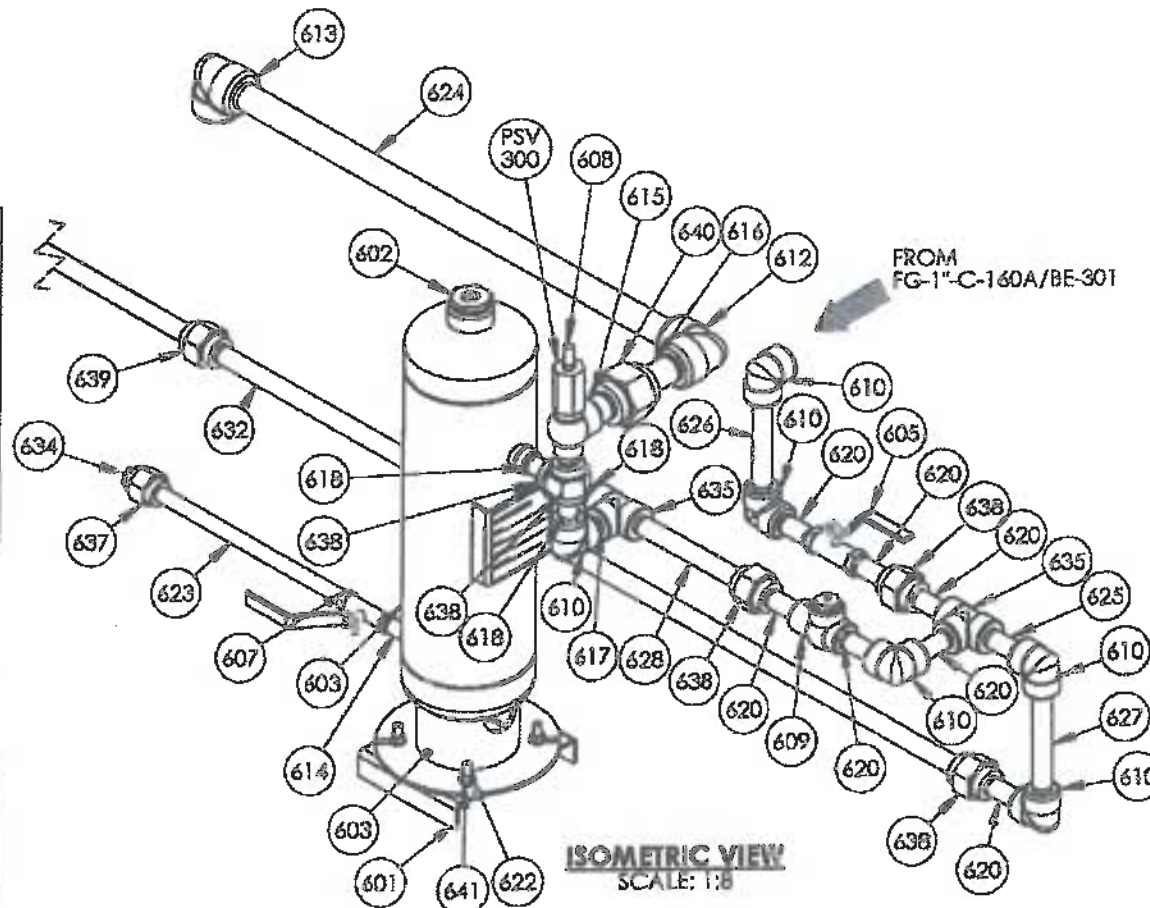
2010-2012
JUN 18 2013
JUNE 14 2013

NOTES

1. SHOP TO ADJUST RANDOM PIPE LENGTHS AS REQUIRED.
2. 10% XRAY ON NWP MANUFACTURED THREADED PIPING.
- 100%XRAY ON PSV-300 CONNECTIONS.

DESIGN DATA	
LINE NUMBER:	D-3/4"-C-80A/BD-250
CLIENT SPECIFICATION:	ENCANA AAAT/AAAB
DESIGN & FABRICATE TO:	ANSI/ASME B31.3 NFS 2010 EDITION
DESIGN PRESSURE:	150 PSIG
MAXIMUM DESIGN TEMPERATURE:	100° F
MINIMUM DESIGN TEMPERATURE:	-20° F/-49° F
SERVICE:	HYDROCARBONS
HYDROSTATIC TEST PRESSURE:	225 PSIG
JOINT SEALANT:	JET LUBE TF-15
CORROSION ALLOWANCE:	1/16"
G.C. PROGRAM NO.:	AQP-1253

DESIGN DATA	
LINE NUMBER:	FG-1"-C-80AD-302/303
CLIENT SPECIFICATION:	ENCANA AAAT
DESIGN & FABRICATE TO:	ANSI/ASME B31.3 NFS 2010 EDITION
DESIGN PRESSURE:	150 PSIG
MAXIMUM DESIGN TEMPERATURE:	100° F
MINIMUM DESIGN TEMPERATURE:	-20° F
SERVICE:	HYDROCARBONS
HYDROSTATIC TEST PRESSURE:	225 PSIG
JOINT SEALANT:	JET LUBE TF-15
CORROSION ALLOWANCE:	1/16"
G.C. PROGRAM NO.:	AQP-1253



ISOMETRIC VIEW
SCALE: 1:8

ITEM	PART #	DESCRIPTION	MTR #	LENGTH	QTY.
601	385935	SCRUBBER BASE FORMED 9" W x 11" LG x 2" H x 10 GA. SA-36/44W			1
602	599928	SCRUBBER FLOAT - 2" FOR HLSD			1
603	926312	8 5/8" OD x 23" S/S SWEET FUEL GAS SCRUBBER			1
604	BOL52KY	BOLT 1/2" x 2" LG GR. 5 HEX HEAD			4
605	BUY	BALL VALVE NUTRON 1" 3000 PSI T3			1
606	BUY	BALL VALVE NUTRON 1" 3000 PSI NPT RP LOW TEMP T3			3
607	BUY	BALL VALVE NUTRON 3/4" 3000 PSI T3			1
608	BUY	TAYLOR RELIEF VALVE 1" x 1 1/2", SET @ 150 PSI, NACE TRMA (8200 SERIES)			1
609	BUY	VALVE SWING CHECK WHEATLEY 1" NPT 2160 PSI P/N 9D-822-013216-1AA			1
610	EL91HYEE	Elbow 90 Deg 1" 6M THRD SA105N			6
611	EL91HYEF	ELBOW 90 DEG 1" 6M THRD SA350-LF2-CL1			1
612	EL91.5HYEE	ELBOW 90 DEG 1 1/2" 6M THRD SA105N			1
613	EL91.5HYEF	ELBOW 90 DEG 1 1/2" 6M THRD SA350-LF2-CL1			1
614	NIP.753YB0EA	NIPPLE 3/4" x 3" SCH XH/80 SA106-B			1
615	NIP1.53YB0EA	Nipple 1-1/2" x 3" S/80 SA106B			1
616	NIP1.54YB0EA	Nipple 1-1/2" x 4" S/80 SA106B			1
617	NIP12YB0EA	NIPPLE 1 x 2" SCH XH/80 SA106-B			1
618	NIP13YB0EA	NIPPLE 1" x 3" SCH XH/80 SA106-B			3
619	NIP13YB0EB	NIPPLE 1" x 3" SCH XH/80 SA333-6			3
620	NIP14YB0EA	NIPPLE 1" x 4" SCH XH/80 SA106-B			7
621	NIP17YB0EB	NIPPLE 1" x 7" SCH XH/80 SA333-6			1
622	NUT.5YBAA	NUT 1/2" GR. 2 HEX PLATED			4
623	PIP.7580B	PIPE 3/4" SCH XH/80 SA333-6 TE	18 5/16"		1
624	PIP1.580B	PIPE 1 1/2" SCH XH/80 SA333-6 TE	41 3/16"		1
625	PIP180A	PIPE 1" SCH XH/80 SA106B	4 1/16"		1
626	PIP180A	PIPE 1" SCH XH/80 SA106B	8 1/2"		1
627	PIP180A	PIPE 1" SCH XH/80 SA106B	9 5/16"		1
628	PIP180A	PIPE 1" SCH XH/80 SA106B	10 5/8"		1
629	PIP180B	PIPE 1" SCH XH/80 SA333-6 TE	4 1/16"		1
630	PIP180B	PIPE 1" SCH XH/80 SA333-6 TE	9"		1
631	PIP180B	PIPE 1" SCH XH/80 SA333-6 TE	20 7/8"		1
632	PIP180B	PIPE 1" SCH XH/80 SA333-6 TE	89 15/16"		1
633	PIP180B	PIPE 1" SCH XH/80 SA333-6 TE	162 13/16"		1
634	PLH.75HYEF	PLUG HEX 3/4" 6M THRD SA350-LF2-CL1			1
635	TEE1HYEE	Tee 1" 6M THRD SA105N			2
636	TEE1HYEF	TEE 1" 6M THRD SA350-LF2-CL1			1
637	UNN.75HYEF	UNION 3/4" 6M THRD SA350-LF2-CL1			1
638	UNN1HYEE	UNION 1" 6M THRD SA105N			5
639	UNN1HYEF	UNION 1" 6M THRD SA350-LF2-CL1			4
640	UNN1.5HYEE	UNION 1 1/2" 6M THRD SA105N			1
641	WAS.5YKYA	FLAT WASHER 1/2" GR. 5 PLATED			8

AS BUILT

ISSUED FOR CONSTRUCTION

SIGNED: JUN 18 2013
DATE: 8806-002
W.C. NWP-08806-002
S/N: NWP-08806-002
ALL DIMENSIONS IN INCHES



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

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ENCANA CORPORATION
LINEHEATER PACKAGE
3.0 MMBTU
C/W 4"-2500# RTJ SPLIT COILS
PIPING ASSEMBLY

DWN: VW CHK: APP: DATE: OCT 05/12 DATE: NOV 20 2012 DATE: NOV 20 2012
SCALE: 1:8 DWG: 08562-23 REV: 0
SHEET: 6 OF 8

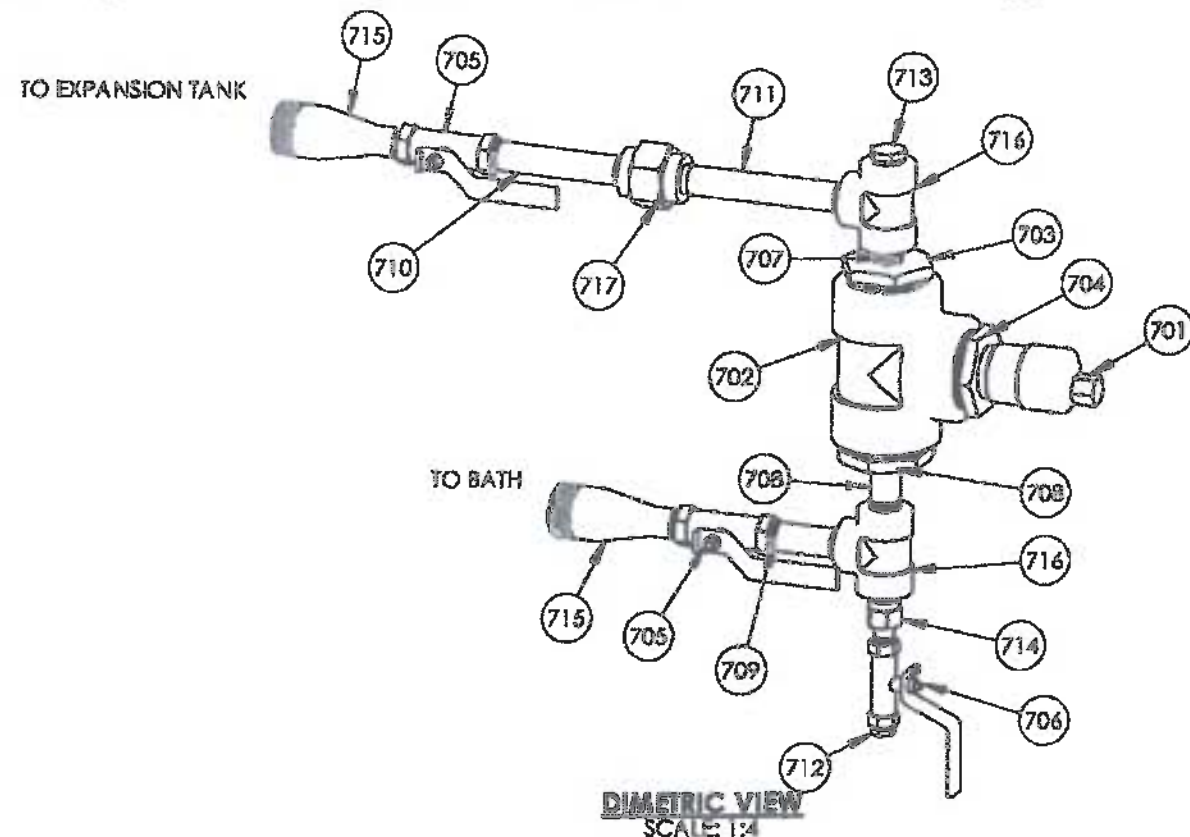
DOCUMENT NO.	DESCRIPTION	REV	DATE	BY	CHK	APP	ISSUED FOR CONSTRUCTION
08562-6	BATH ASSEMBLY						
08562-3	SKID ASSEMBLY						
08562-2A	WELDED PIPING						
08562-1	PIPING AND INSTRUMENTATION DIAGRAM						
08562	GENERAL ARRANGEMENT	0	OCT 05/12	VW			

REFERENCE DRAWINGS

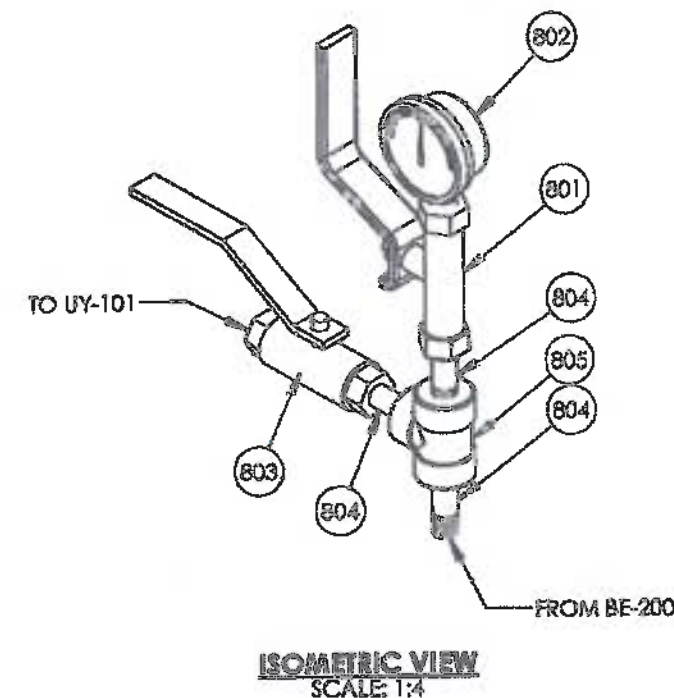
DRAWING REVISIONS

08806

ITEM	PART #	DESCRIPTION	MTR #	LENGTH	QTY.
701	BUY	LEVEL SWITCH ELECTRIC SOR 2" NPT MODEL T5T0C-G2A-C-L9-ES- CSNCCVMC			1
702	140813	TEE 3" FS 3M THREADED			1
703	BUS31YEE	BUSHING 3" x 1" SA 105N			2
704	BUS32YEE	BUSHING 3" x 2" SA 105N			1
705	BUY	BALL VALVE NUTRON 1" 3000 PSI NPT RP NACE T3			2
706	BUY	BALL VALVE NUTRON 1/2" 3000 PSI NPT FP STD T3			1
707	NIP12Y80EA	NIPPLE 1 x 2" SCH XH/80 SA 106-B		-	1
708	NIP13.5Y80EA	NIPPLE 1" x 3 1/2" SCH XH/80 SA 106-B		-	1
709	NIP14.5Y80EA	NIPPLE 1" x 4 1/2" SCH XH/80 SA 106-B		-	1
710	NIP17.5Y80EA	NIPPLE 1" x 7 1/2" SCH XH/80 SA 106-B		-	1
711	PIP180A	PIPE 1" SCH XH/80 SA 106B		8 3/4"	1
712	PLH5HYEE	PLUG HEX 1/2" 6M THRD SA 105N			1
713	PLH1HYEE	PLUG HEX 1" 6M THRD SA 105N			1
714	SWA1.5Y80EE	SWAGE 1" x 1/2" SCH XH/80 THRD SA 105N			1
715	SWA21Y80EE	SWAGE 2" x 1" SCH XH/80 THRD SA 105N			2
716	TEE1HYEE	TEE 1" 6M THRD SA 105N			2
717	UNN1HYEE	UNION 1" 6M THRD SA 105N			1



ITEM	PART #	DESCRIPTION	MTR #	LENGTH	QTY.
801	BUY	BALL VALVE NUTRON 1/4" 3000 PSI LOW TEMP T3			1
802	BUY	PRESSURE INDICATOR WIKA 2 1/2" FACE x 1/4" NPT 0-30 PSI SS			1
803	BUY	VALVE BALL EMICO 1/4" NPT 720 SERIES 600 PSI SS FP			1
804	NIP.252Y80EB	NIPPLE 1/4" x 2" SCH XH/80 SA333-6		-	3
805	TEE.25HYFF	TEE 1/4" 6M SW SA350-LF2-CL1			1



NOTES
1. SHOP TO ADJUST RANDOM PIPE LENGTHS AS REQUIRED.

AS BUILT

08562-6	BATH ASSEMBLY						
08562-3	SKID ASSEMBLY						
08562-2A	WELDED PIPING						
08562-1	PIPING AND INSTRUMENTATION DIAGRAM						
08562	GENERAL ARRANGEMENT	0	OCT 05/12	VW			ISSUED FOR CONSTRUCTION
DOCUMENT NO.	DESCRIPTION	REV	DATE	BY	CHK	APP	
	REFERENCE DRAWINGS						DRAWING REVISIONS

ISSUED FOR CONSTRUCTION
SIGNED: *[Signature]*
DATE: JUN 18 2013
W.A. 8806-002
S.A. NWP-08806-002
ALL DIMENSIONS IN INCHES



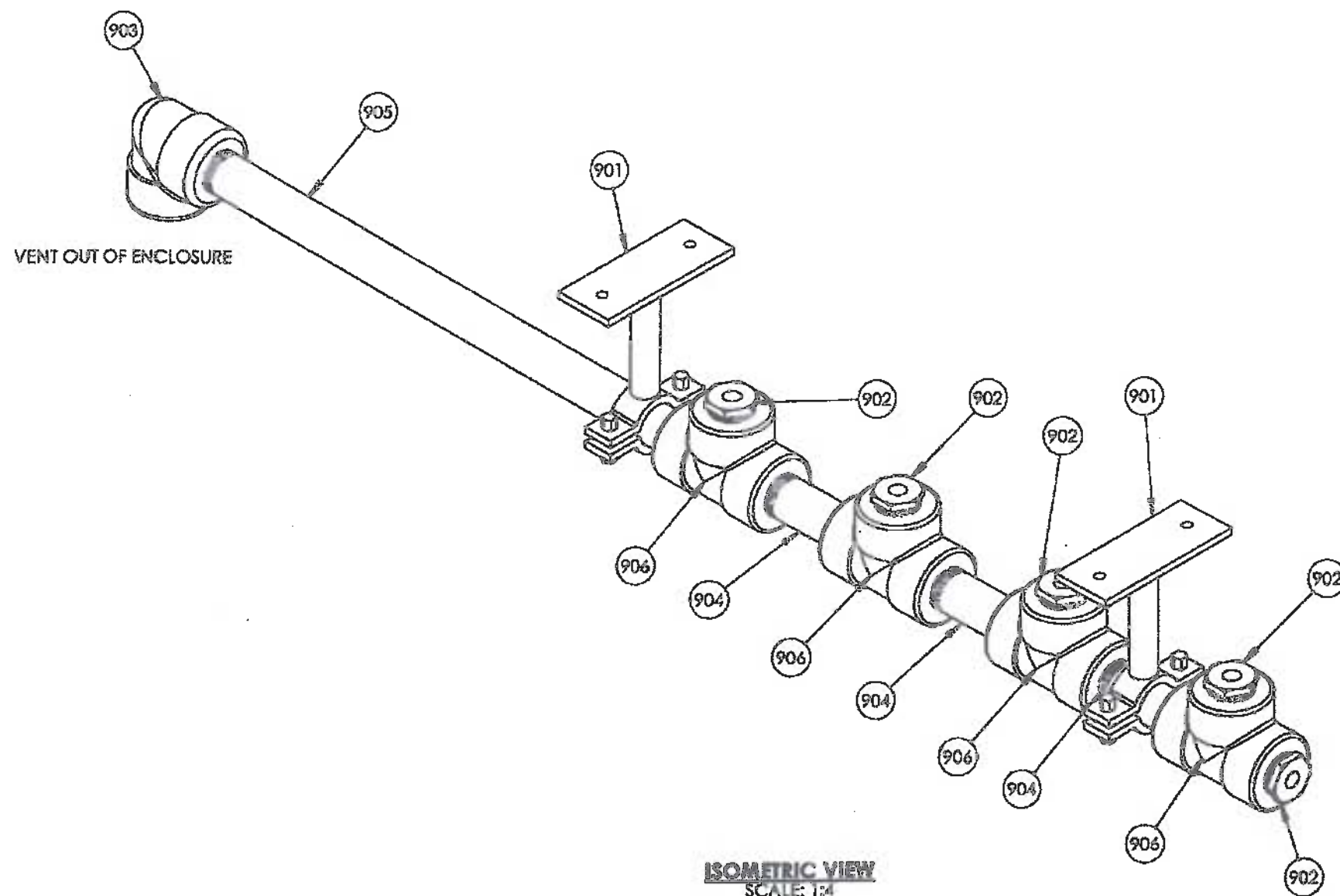
P.O. BOX 6280, INNESFAIR, AB T4G 1S9
PH: (403) 227-4100 FAX: (403) 227-4102
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THIS DRAWING MUST BE RETURNED UPON REQUEST.

ENCANA CORPORATION
LINEHEATER PACKAGE
3.0 MMBTU
C/W 4"-2500# RTJ SPLIT COILS
PIPING ASSEMBLY

DWN: VW
DATE: OCT 05/12
SCALE: 1:4
SHEET: 7 OF 8
CHK: *[Signature]*
APP: *[Signature]*
DWG: 08562-2B
REV: 0

08806

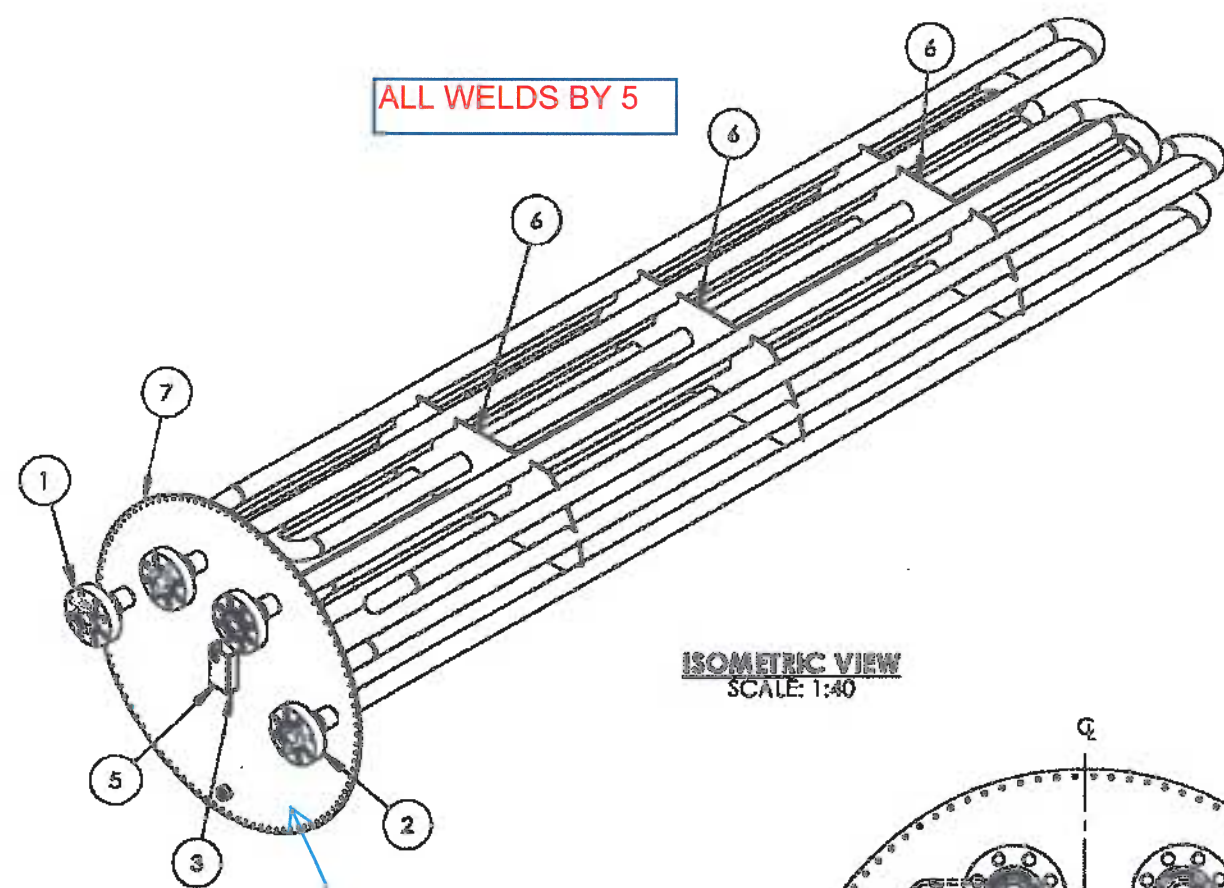
ITEM	PART #	DESCRIPTION	MTR #	LENGTH	QTY.
901	100812	BRACKET, FUEL GAS VENT HEADER 1"			2
902	706720	1" x 1/4" FS THRD HEX BUSHING			5
903	EL91HYEF	ELBOW 90 DEG 1" 6M THRD SA350-LF2-CL1			1
904	NIP14Y80EA	NIPPLE 1" x 4" SCH XH/80 SA106-B			3
905	NIP120Y80EB	NIPPLE 1" x 20 SCH XH/80 SA333-6			1
906	TEE1HYEE	Tee 1" 6M THRD SA105N			4



NOTES
1. SHOP TO ADJUST RANDOM PIPE LENGTHS AS REQUIRED.
2. 10% XRAY ON NWP MANUFACTURED THREADED PIPING.

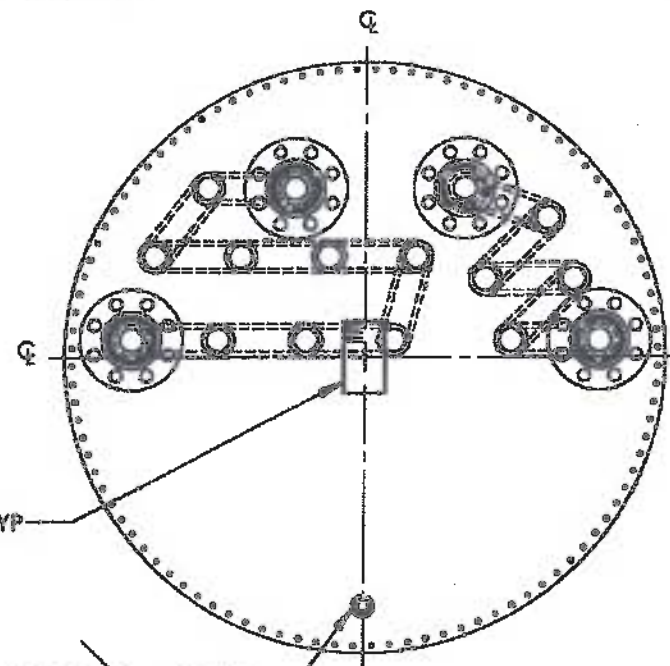
						AS BUILT		ISSUED FOR CONSTRUCTION		 NWP INDUSTRIES INC. Total oilfield supply. P.O. BOX 6280, INNISFAIR, AB T4G 1S9 PH: (403) 227-4100 FAX: (403) 227-4102 THIS DRAWING IS PROPERTY OF NWP INDUSTRIES INC. AND MAY NOT BE REPRODUCED WITHOUT PERMISSION. THIS DRAWING MUST BE RETURNED UPON REQUEST.		ENCANA CORPORATION LINEHEATER PACKAGE 3.0 MM8TU C/W 4"-2500# RTJ SPLIT COILS PIPING ASSEMBLY DWN: VW CHK: <i>[Signature]</i> APP: <i>[Signature]</i> DATE: OCT 05/12 DATE: NOV 20 2012 DATE: NOV 19 2012 SCALE: 1:4 DWG: 08806-25 REV: 0 SHEET: 8 OF 8			
08562-6	BATH ASSEMBLY														
08562-3	SKID ASSEMBLY														
08562-2A	WELDED PIPING														
08562-1	PIPING AND INSTRUMENTATION DIAGRAM														
08562	GENERAL ARRANGEMENT	0	OCT 05/12	VW	<i>[Signature]</i>	<i>[Signature]</i>	ISSUED FOR CONSTRUCTION								
DOCUMENT NO.	DESCRIPTION	REV	DATE	BY	CHK	APP	DRAWING REVISIONS		ALL DIMENSIONS IN INCHES						
REFERENCE DRAWINGS															

08806

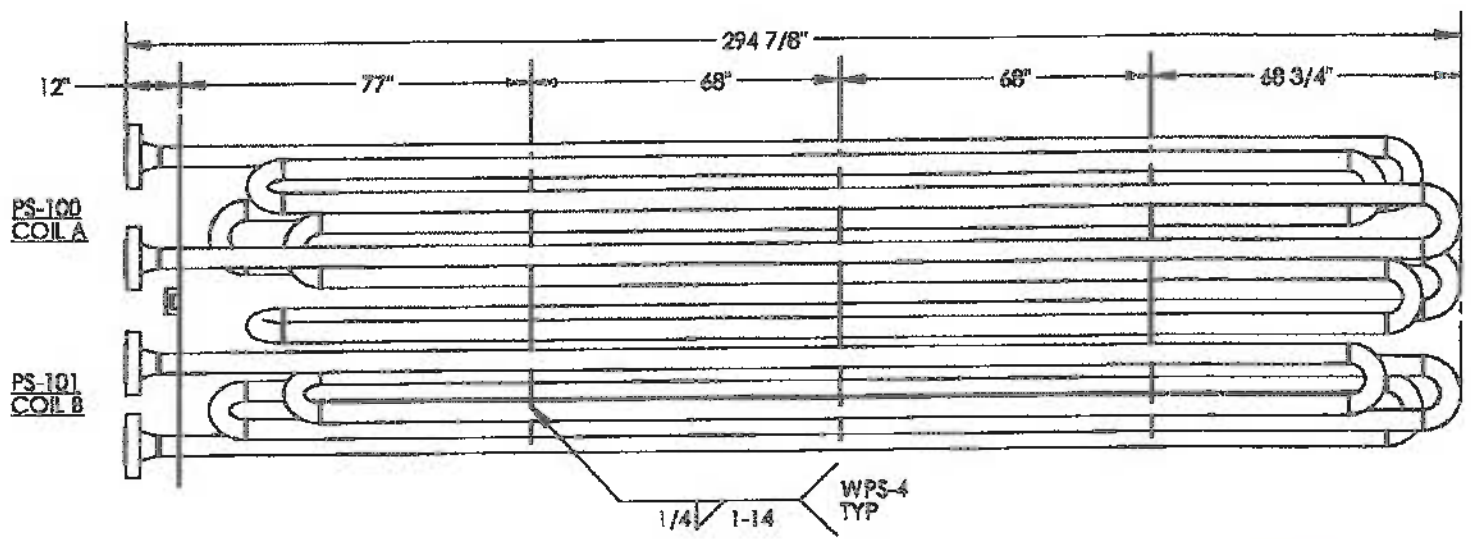


ISOMETRIC VIEW
SCALE: 1:40

FRONT WELDS BY L



FRONT VIEW
SCALE: 1:25



PLAN VIEW
SCALE: 1:40

ORIGINAL

ITEM	PART #	DESCRIPTION	MTR #	LENGTH	QTY.
1	-	PS-100/COIL A - SEE SHEET 2			1
2	-	PS-101/COIL B - SEE SHEET 3			1
3	BRACKET-NAME-3	COIL NAME PLATE BRACKET SA36/44W	100512		1
4	COH2GYEE	Coupling Half 2" 3M THRO SA 105N	3861		1
5	COIL-NAMEPLATE-1	COIL NAME PLATE BLACK/SILVER DEEP ETCHED			1
6	PLABYA	COIL TRAY PLATE 1/4" SA36/44W	K3261680		3
7	PLACYA	COIL END PLATE 3/8" x 82" DIA. SA36/44W	NW8427		1

NOTES

1. ALL DIMENSIONS SHALL HAVE A TOLERANCE OF $\pm 1/8$ " UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS INCLUDE $1/8$ " ROOT GAP.
3. ALL BOLT HOLES STRADDLE COMMON CENTER LINE.
4. CUT LENGTHS FOR PIPE ARE FOR REFERENCE ONLY.
5. COIL TO BE CLEANED BEFORE SHIPMENT.
6. USE WELD PROCEDURE NWP-4 OR NWP-6 FOR ALL TACK WELDS.
7. HARDNESS TESTING - MAX 200 BNH 100% OF COIL BUTTWELD. BASELINE UT ON COIL RETURN BENDS.
8. APPROXIMATE WEIGHT: 11,100 LBS.
9. ROLL WELDS TO BE NWP-6, POSITION WELDS TO BE NWP-4. REFERENCE WELD DETAILS 1 & 2.

WELD DETAIL #1	WELD DETAIL #2	WELD DETAIL #3	WELD DETAIL #5
NOTE 9	NOTE 9	WPS NWP-6	WPS NWP-4

AS BUILT

ISSUED FOR CONSTRUCTION

SIGNED:
DATE: JUN 14 2012
W: 0806-002-A
S/N: NWP-08806-002-A
ALL DIMENSIONS IN INCHES



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ENCANA CORPORATION
LINEHEATER PACKAGE
3.0 MMBTU/HR
C/W 4" 2500# RTJ SPLIT COILS
COIL ASSEMBLY

DWN: VW CHK: APP:
DATE: OCT 05/12 DATE: OCT 29 2012 DATE: OCT 29 2012
SCALE: 1:40 DWG: 08806-4 REV: 0
SHEET: 1 OF 4

DOCUMENT NO.	DESCRIPTION	REV	DATE	BY	CHK	APP
08562-4	BATH ASSEMBLY					
08562-3	SKID ASSEMBLY					
08562-2B	PIPING ASSEMBLY	0	OCT 22/12	VW		
08562-2A	WELDED PIPING	A	OCT 05/12	VW		

REFERENCE DRAWINGS

DRAWING REVISIONS

08806