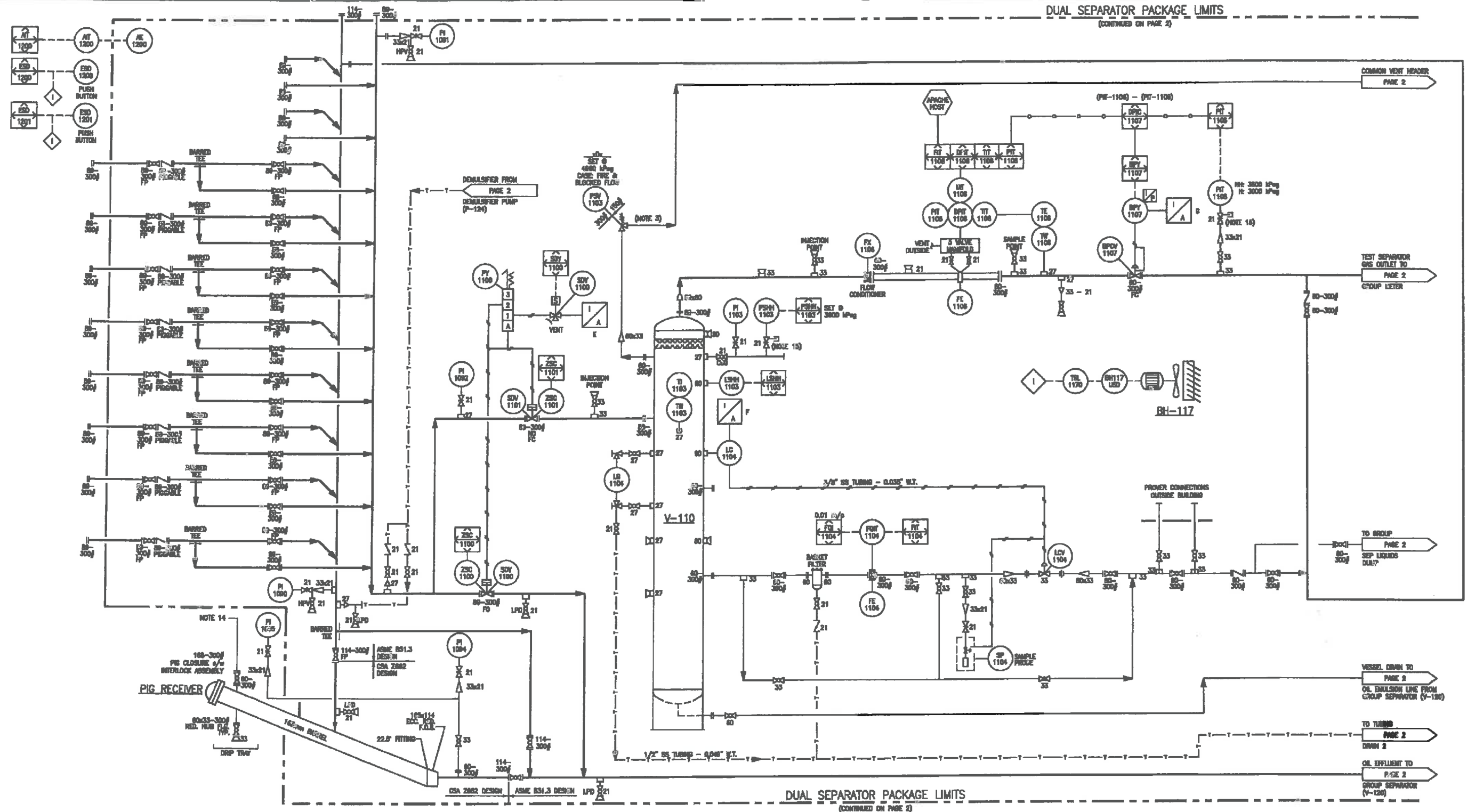
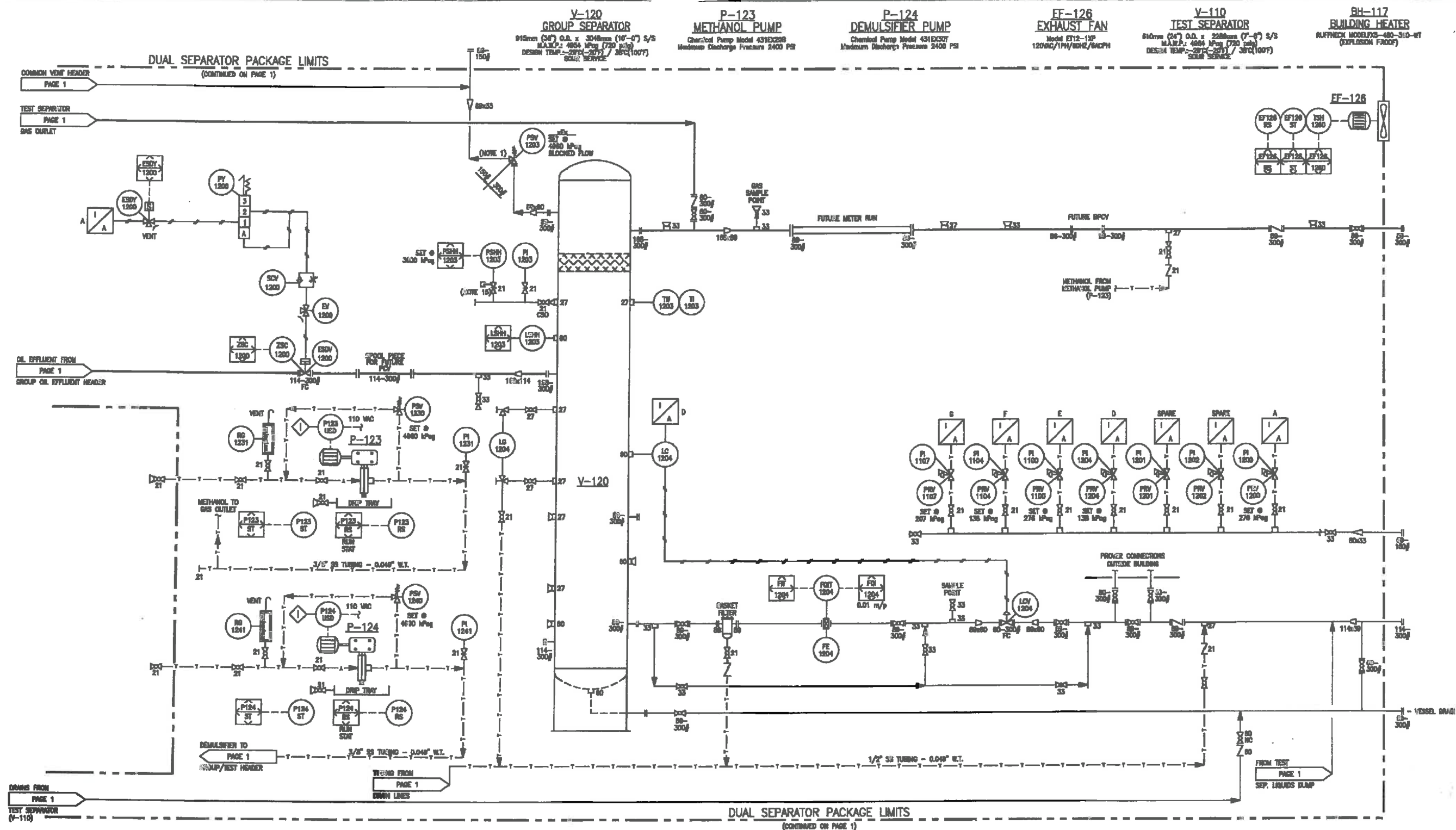




						ISSUED FOR CONSTRUCTION SIGNED:  DATE: <u>NOV 07 2013</u> W.D.: <u>8784-004</u> S/N: _____		 NWP INDUSTRIES INC. Total oilfield supply. P.O. BOX 6280, INNISFAIR, AB T4G 1S9 PH: (403) 227-4100 FAX: (403) 227-4102		APACHE CANADA LTD c/o GENIVAR DUAL SEPARATOR LSD: TBD 24"O.D. x 90"S/S TEST SEP. / 36"O.D. x 12" S/S GROUP SEP. PIPING AND INSTRUMENTATION DIAGRAM <table><tr><td>DWN: CT</td><td>CHK: </td><td>APP: </td></tr><tr><td>DATE: AUG 15/13</td><td>DATE: <u>SEP 10 2013</u></td><td>DATE: <u>09/10/13</u></td></tr><tr><td>SHEET: 1 OF 3</td><td>DWG: 08784-002</td><td>REV: 1</td></tr></table>				DWN: CT	CHK: 	APP: 	DATE: AUG 15/13	DATE: <u>SEP 10 2013</u>	DATE: <u>09/10/13</u>	SHEET: 1 OF 3	DWG: 08784-002	REV: 1																			
DWN: CT	CHK: 	APP: 																																							
DATE: AUG 15/13	DATE: <u>SEP 10 2013</u>	DATE: <u>09/10/13</u>																																							
SHEET: 1 OF 3	DWG: 08784-002	REV: 1																																							
<table><tr><td>1</td><td>SEP 10/13</td><td>CT</td><td></td><td></td><td>ISSUED FOR CONSTRUCTION</td></tr><tr><td>0</td><td>JUNE 25/13</td><td>CT</td><td>.</td><td>.</td><td>ISSUED FOR CONSTRUCTION</td></tr><tr><td>B</td><td>JUNE 17/13</td><td>CT</td><td>.</td><td>.</td><td>ISSUED FOR APPROVAL</td></tr><tr><td>A</td><td>MAY 1/13</td><td>EP</td><td>.</td><td>.</td><td>ISSUED FOR APPROVAL</td></tr><tr><td>REV</td><td>DATE</td><td>BY</td><td>CHK</td><td>APP</td><td>DESCRIPTION</td></tr></table> DRAWING REVISIONS						1	SEP 10/13	CT			ISSUED FOR CONSTRUCTION	0	JUNE 25/13	CT	.	.	ISSUED FOR CONSTRUCTION	B	JUNE 17/13	CT	.	.	ISSUED FOR APPROVAL	A	MAY 1/13	EP	.	.	ISSUED FOR APPROVAL	REV	DATE	BY	CHK	APP	DESCRIPTION					ALL DIMENSIONS IN INCHES SCALE: N.T.S. WEIGHT: (APPX. NO. LBS)	
1	SEP 10/13	CT			ISSUED FOR CONSTRUCTION																																				
0	JUNE 25/13	CT	.	.	ISSUED FOR CONSTRUCTION																																				
B	JUNE 17/13	CT	.	.	ISSUED FOR APPROVAL																																				
A	MAY 1/13	EP	.	.	ISSUED FOR APPROVAL																																				
REV	DATE	BY	CHK	APP	DESCRIPTION																																				



						ISSUED FOR CONSTRUCTION		 NWP INDUSTRIES INC. Total oilfield supply.		APACHE CANADA LTD c/o GENIVAR DUAL SEPARATOR LSD: TBD 24"O.D. x 90"S/S TEST SEP. / 38"O.D. x 12" S/S GROUP SEP.			
						SIGNED: 		P.O. BOX 6280, INNISFAIR, AB T4G 1S9 PH: (403) 227-4100 FAX: (403) 227-4102		PIPING AND INSTRUMENTATION DIAGRAM			
1	SEP 10/13	CT			ISSUED FOR CONSTRUCTION	DATE:  8 / 84 - 004				DWG: CT		CHK: 	APP: 
0	JUNE 25/13	CT	.	.	ISSUED FOR CONSTRUCTION	W/O: 				DATE: AUG 15/13		DATE: 	DATE: 
B	JUNE 17/13	CT	.	.	ISSUED FOR APPROVAL	S/N: 				SCALE: N.T.S.		SHEET: 2 OF 3	
A	MAY 1/13	EP	.	.	ISSUED FOR APPROVAL					WEIGHT: (APPROX. LBS)		DWG: 08784-002	
REV	DATE	BY	CHK	APP	DESCRIPTION	ALL DIMENSIONS IN INCHES						REV: 1	
DRAWING REVISIONS													

LINE TYPE LEGEND

	MAJOR PROCESS LINE
	UTILITY LINE
	BUILDING LIMITS
	ENCLOSURE LIMITS
	ALTERNATE LIMITS
	CUST/VENDOR SUPPL. LIMITS
	HIDDEN LINE
	EQUIPMENT OUTLINE
	INSTRUMENT PNEUMATIC LINE
	PROCESS/UTILITY TUBING LINE
	INSTRUMENT CAPILLARY LINE
	ELECTRICAL DATALINK LINE
	ELECTRICAL CONNECTION LINE
	HYDRAULIC LINE
	MECHANICAL LINK LINE

INSULATION LEGEND

	* THICKNESS C=COLD H=HOT PP=PERSONEL PROTECTION
	* THICKNESS c/w TRACING ET=ELEC. TRACE GT=GLYCOL TRACE OT=OIL TRACE ST=STEAM TRACE

VALVE SYMBOL LEGEND

	BALL VALVE
	SPRING RETURN BALL VALVE
	GLOBE VALVE
	GATE VALVE
	CHECK VALVE
	PLUG VALVE
	NEEDLE VALVE
	INLINE CHOKE VALVE
	4-WAY VALVE
	3-WAY VALVE
	BUTTERFLY VALVE
	BASKET/CONE STRAINER
	TEE STRAINER
	Y STRAINER
	RUPTURE VALVE
	ANGLE VALVE
	ANGLE CHOKE VALVE
	GAUGE VALVE

VALVE CONNECTION LEGEND

	THRD VALVE
	THRD/SW VALVE
	SW VALVE
	FLANGED VALVE

TOPWORKS SYMBOL LEGEND

	DIAPHRAGM ACTUATOR
	ACTUATOR WITH HANDWHEEL
	ACTUATOR WITH POSITIONER
	PRESS. REDUCING REGULATOR
	BACK PRESS. REGULATOR
	REGULATOR WITH HANDWHEEL
	PISTON ACTUATOR
	ACTUATOR WITH POSITIONER
	ROTARY PISTON ACTUATOR
	ROTARY MOTOR ACTUATOR
	SOLENOID
	SPRING WEIGHTED ACTUATOR
	MANUAL/HAND ACTUATOR

METERING

	METER RUN
	ORIFICE METER
	FLOW CONDITIONER
	VORTEX METER
	POSITIVE DISPLACEMENT METER
	TURBINE/PROPELLER METER
	MASS FLOW METER
	ROTOMETER
	VENTURI
	5-VALVE MANIFOLD

MISC TAG SYMBOL LEGEND

	INSTR. GAS TO AND FROM
	INSTR. AIR TO AND FROM
	RTU
	I/P ELECTRO PNEUMATIC

MISC SYMBOLS LEGEND

	FLANGE / BLIND FLANGE
	BW CAP / THRD CAP
	UNION
	TOL/CPLG w/PLUG
	BREAK
	CONCENTRIC REDUCER
	CONCENTRIC SWAGE
	ECC REDUCERS
	ECC REDUCERS
	SKID EDGE SCARFED VENT
	FLEXIBLE HOSE
	EXPANSION JOINT
	HOSE/CAMLOCK CONNECTION
	SPEC. BLIND-CLOSED/OPEN
	FIELD WELD
	WEIR
	TRAP
	PIPE/TUBING FLOW ARROW
	SPEC/RESPONSIBILITY BREAK
	SPEC/RESPONSIBILITY BREAK
	FLANGED NOZZLE
	MANWAY

	CONNECTION INDICATOR
	LIGHT
	SPEED CONTROL
	PRESSURE ACTUATED CONTROL VALVE (AMOT)
	CONSTRUCTION REVISIONS
	EARTH
	ATO MUFFLER

NOTES

1. SHOP INSTALL ADDITIONAL PIPE SUPPORTS WHERE REQ'D.
2. SHIP LOOSE ITEMS TO BE BOXED AND SEALED PRIOR TO SHIPMENT.
3. PLUG AND PROTECT ALL OUTLETS PRIOR TO SHIPMENT.
4. ROUTE PIPING TO ENSURE NO LIQUID TRAPS.
5. ALL PIPING MATERIAL TO BE STANDARD TEMP U.N.O.
6. HYDROTEST WELDED PIPING TO 1.5 x M.A.W.P.
7. WELDED PIPING BUTT WELDS TO BE 100% X-RAYED. U.N.O.
8. ALL PIPING AND PROCESS TUBING LINES TO BE TESTED PER B31.3
9. INSTRUMENT SUPPLY LINES TO BE TESTED PER ABSA AB-522.
10. VESSELS TO BE FABRICATED TO THE LATEST EDITION OF THE ASME SECTION VIII DIVISION 1.
11. SURFACE PREP: SSPC-SP6
12. PAINT: 2 SHOP COATS CLOVERDALE SERIES 835 DTM POLYURETHANE ENAMEL-WARM GREY.
13. ELECTRICAL BY OTHERS.
14. ADD 4'-0" VENT STACK c/w BIRDSCREEN.
15. NEEDLE VALVES TO HAVE CALIBRATION PORTS.
16. PSV SIZE TO BE CONFIRMED BY VENDOR.
17. PIPING TO COME WITH HP VENTS AND LP DRAINS.

INSTRUMENTATION SYMBOLS AND IDENTIFICATION

LETTER	FIRST LETTER	PRIMARY ELEMENT	INDICATOR	RECORDER	CONTROLLER	TRANS-MITTER	CONTROL	DEFINER	CONTROL VALVE	REGULATOR	SELF ACTUATED VALVE	RELAY OR CONVERTER
A	ANALYSIS	AE	AI	AR	AC	AIC	ARC	AT	AS(*)	AA(*)		AY
B	BURNER COMBUSTION	BE	BI	BR	BC			BT	BS(*)	BA(*)		BY
BP	BACK PRESSURE										BPCV	
C	CONDUCTIVITY	CE	CI	CR	CC	CIC	CRC	CT	CS(*)	CA(*)		CY
D	DENSITY OR MASS	DE	DI	DR	DC	DIC	DRC	DT	DS(*)	DA(*)		DY
E	VOLTAGE	EE	EI	ER	EC	EIC	ERC	ET	ES(*)	EA(*)		EY
F	FLOW, FLOW RATE	FE	FI	FR	FC	FIC	FRC	FT	FS(*)	FA(*)		FY
G	GAUGING	GE	GI	GR	GC	GIC	GRC	GT	GS(*)	GA(*)		
H	HAND				HC	HIC	HRC	HT	HS(*)		HCV	HY
I	CURRENT	IE	II	IR	IC	IIC	IRC	IT	IS(*)	IA(*)		IY
J	POWER	JE	JI	JR	JC	JIC	JRC	JT	JS(*)	JA(*)		JY
K	TIME, SCHEDULE		KI	KR	KC	KIC	KRC	KT	KS(*)	KA(*)		KY
L	LEVEL	LE	LI	LR	LC	LIC	LRC	LT	LS(*)	LA(*)		LY
M	MOISTURE, HUMIDITY	ME	MI	MR	MC	MIC	MRC	MT	MS(*)	MA(*)		MY
N	USER'S CHOICE											
O	USER'S CHOICE											
P	PRESSURE	PE	PI	PR	PC	PIC	PRC	PT	PS(*)	PA(*)		PY
Q	QUANTITY		QI	QR	QC	QIC	QRC	QT	QS(*)	QA(*)		QY
R	RADIATION	RE	RI	RR	RC	RIC	RRC	RT	RS(*)	RA(*)		RY
S	SPEED, FREQUENCY		SI	SR	SC	SIC	SRC	ST	SS(*)	SA(*)		SY
T	TEMPERATURE	TE	TI	TR	TC	TIC	TRC	TT	TS(*)	TA(*)		TY
U	MULTI-VARIABLE		UI	UR	UC	UIC	URC					UY
V	VIBRATION, MECH. ANAL.	VE	VI	VR	VC	VIC	VRC	VT	VS(*)	VA(*)		VY
W	WEIGHT, FORCE	WE	WI	WR	WC	WIC	WRC	WT	WS(*)	WA(*)		WY
X	UNCLASSIFIED	XE	XI	XR	XC	XIC	XRC	XT	XS(*)	XA(*)		XY
Y	EVENT, STATE, PRESENCE											YY
Z	POSITION, DIMENSION	ZE	ZI	ZR	ZC	ZIC	ZRC	ZT	ZS(*)	ZA(*)		ZY

TAG LEGEND

	LOCALLY MOUNTED	PRIMARY LOC. OR PANEL NORMALLY ACCESS. TO OPER.	AUXILIARY LOC. OR PANEL NORMALLY ACCESS. TO OPER.	PRIMARY LOC. OR PANEL MOUNTED ON BACK OF PANEL	AUXILIARY LOC. OR PANEL MOUNTED ON BACK OF PANEL
DISCRETE					
SHARED DISPLAY, SHARED CONTROL DISTRIBUTION, CONTROL VIDEO DISPLAY					
COMPUTER FUNCTION, SOFTWARE FUNCTION					
PROGRAMMABLE LOGIC CONTROL					

REV	DATE	BY	CHK	APP	DESCRIPTION
1	SEP 10/13	CT			ISSUED FOR CONSTRUCTION
0	JUNE 25/13	CT			ISSUED FOR CONSTRUCTION
B	JUNE 17/13	CT			ISSUED FOR APPROVAL
A	MAY 1/13	EP			ISSUED FOR APPROVAL

ISSUED FOR CONSTRUCTION

SIGNED:

DATE: NOV 8 4 2013

W.O.: 784-004

S/N: _____

ALL DIMENSIONS IN INCHES

NWP INDUSTRIES INC.

Total offfield supply.

P.O. BOX 8280, INNSFAIR, AB T4G 1S9

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

SCALE: N.T.S.

WEIGHT: (OFFICE USE)

APACHE CANADA LTD c/o GENIVAR

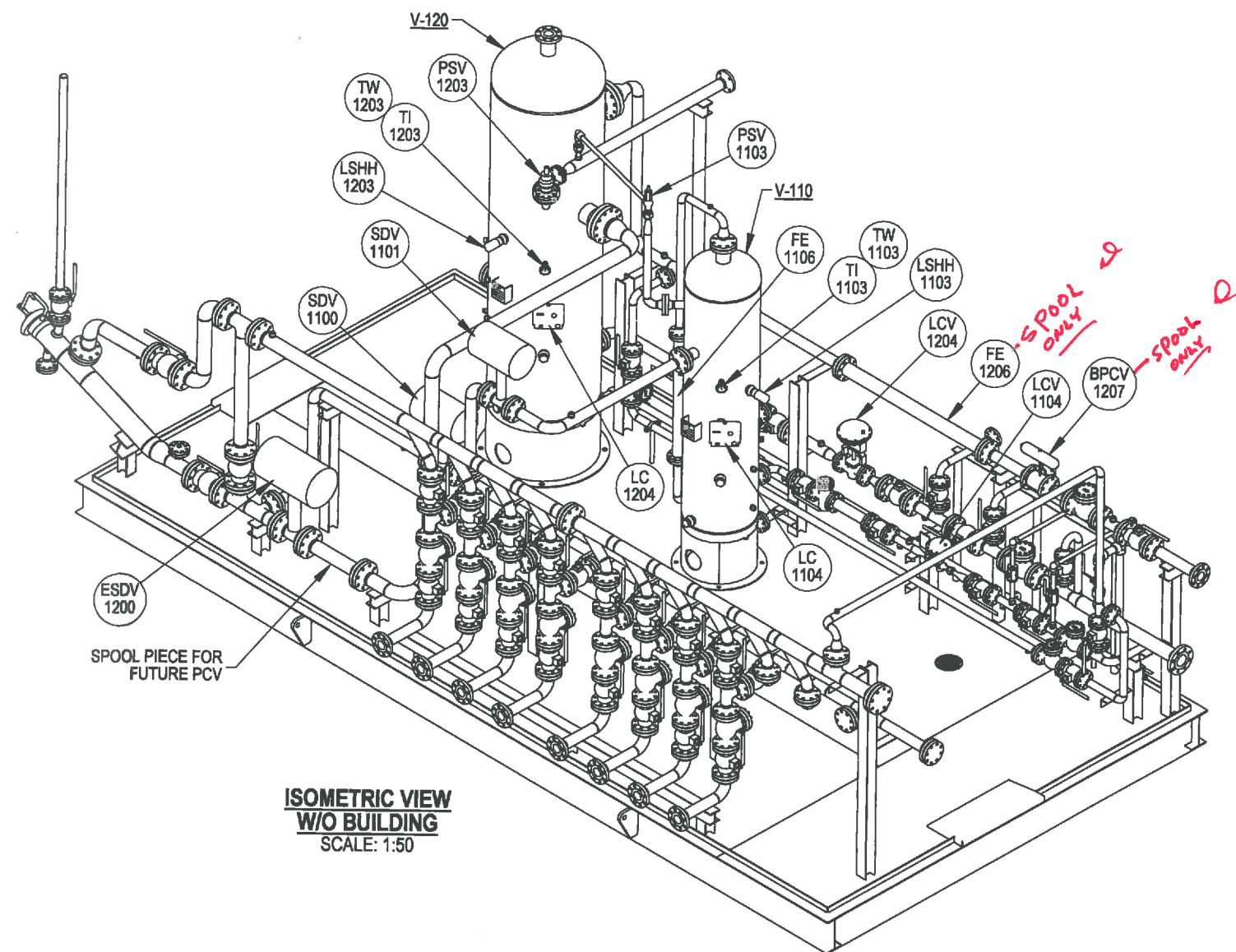
DUAL SEPARATOR

LSD: TBD

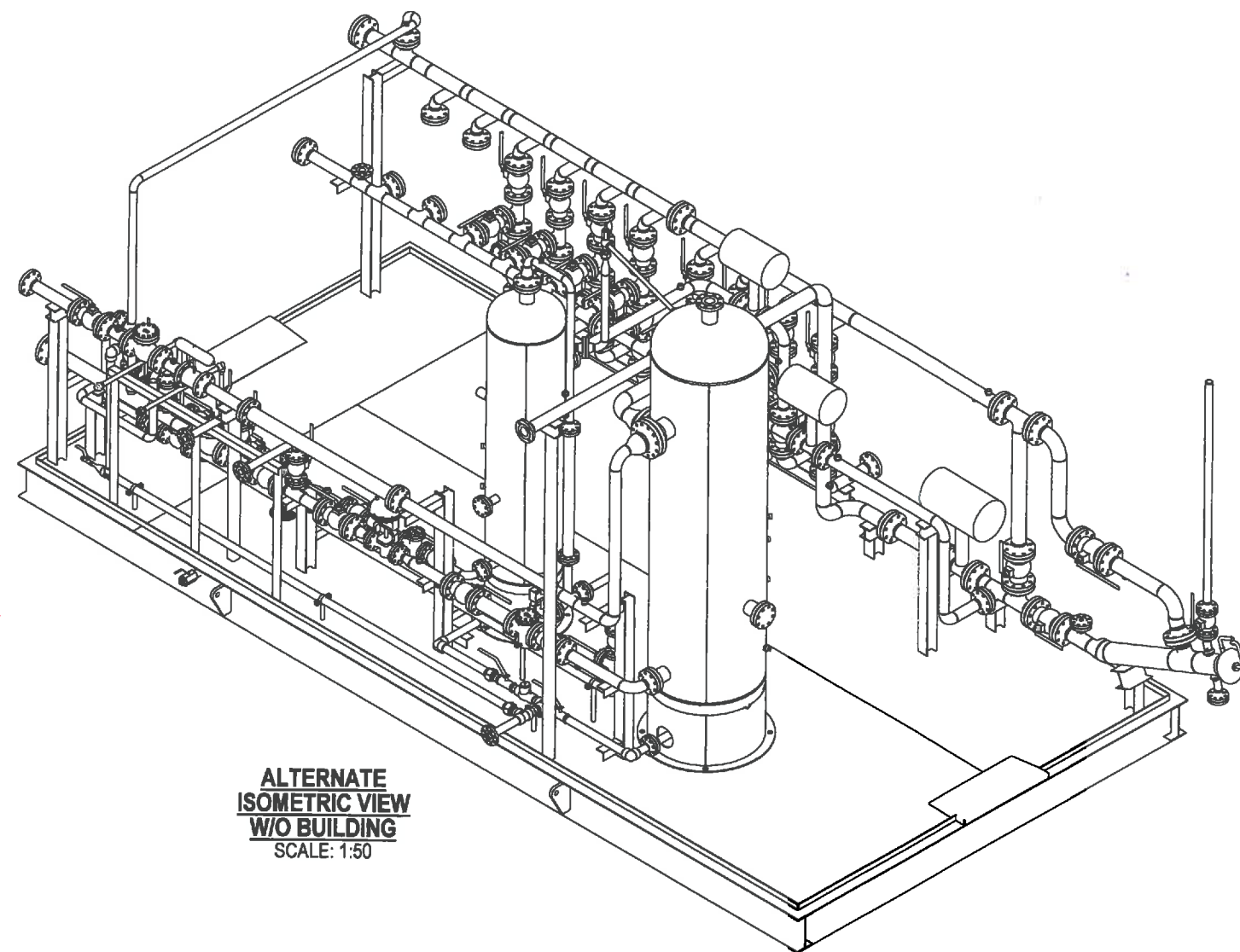
24"O.D. x 90'S/S TEST SEP. / 36"O.D. x 12" S/S GROUP SEP.

PIPING AND INSTRUMENTATION DIAGRAM LEGEND

DWN: CT	CHK:	APP:
DATE: AUG 15/13	DATE: SEP 10 2013	DATE: SEP 10/13
SHEET: 3 OF 3	DWG: 08784-002	REV: 1



**ISOMETRIC VIEW
W/O BUILDING**
SCALE: 1:50



**ALTERNATE
ISOMETRIC VIEW
W/O BUILDING**
SCALE: 1:50

ORIGINAL

SHIPPING DATA

APPROX. OVERALL HEIGHT:	15' - 3 11/16"
APPROX. OVERALL LENGTH:	32' - 1 1/8"
APPROX. OVERALL WIDTH:	15' - 0"
APPROX. WEIGHT:	32,000 LBS

APACHE CANADA LTD C/O GENIVAR
DUAL SEPARATOR
LSD: 4-25-35-5 W4M
24" OD x 90" S/S TEST SEP. / 36" OD x 120" S/S GROUP SEP.

GENERAL ARRANGEMENT

DWN:	PA	CHK:	Q	APP:	JL
DATE:	JUN 14/13	DATE:	OCT 30 2013	DATE:	10/30/13
SHEET:	1 OF 3	DWG:	08784-003-G-001	REV:	1

**ISSUED FOR
CONSTRUCTION**

SIGNED: *[Signature]*
DATE: **NOV 04 2013**
W.C.: **8784-004**
S/N: **NWP-08784-004**



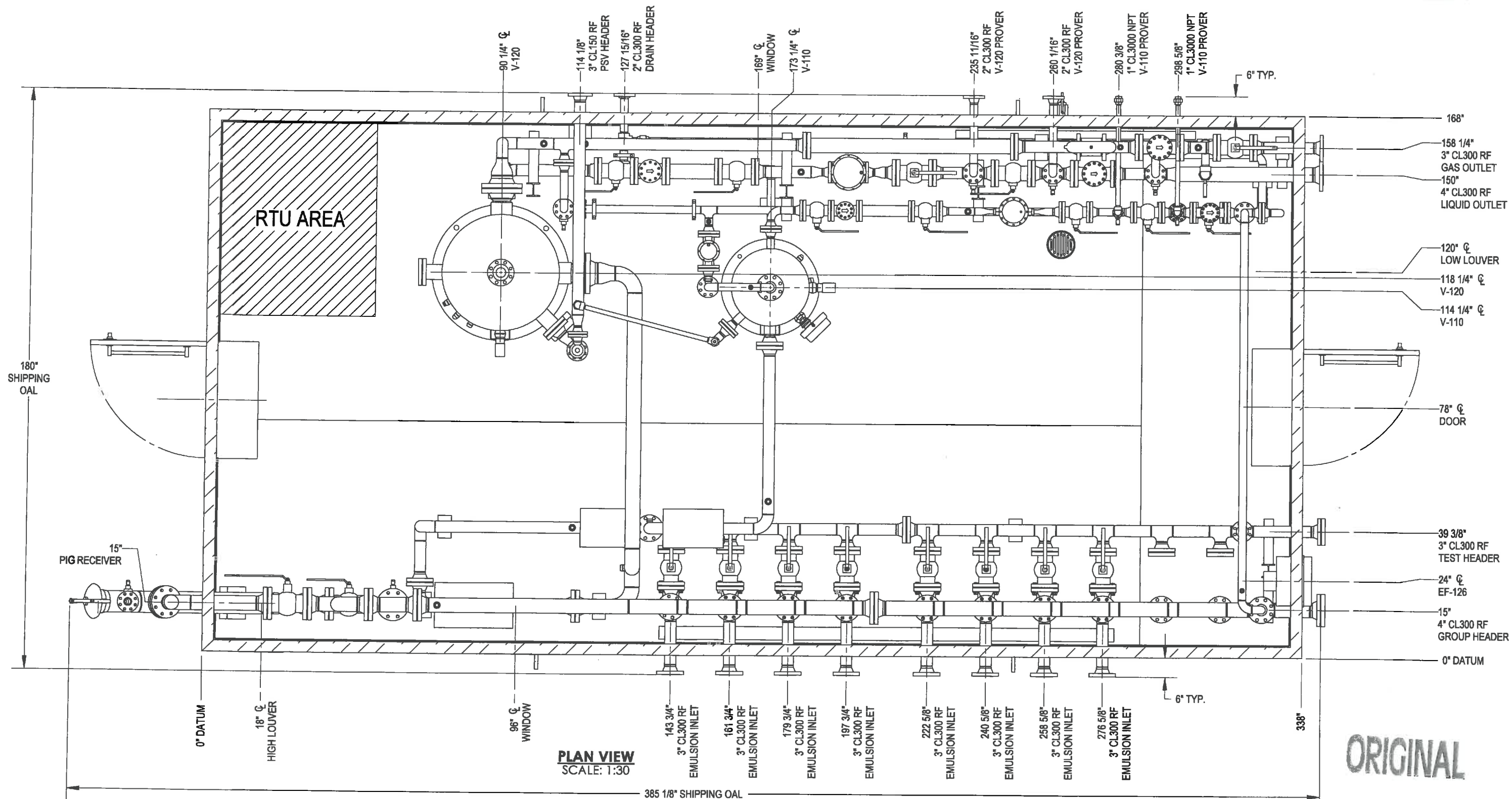
P.O. BOX 6280, INNISFAIL, AB T4G 1S9
PH: (403) 227-4100 FAX: (403) 227-4102

PROJECTION: SCALE: AS NOTED
WEIGHT: (APPROX. LBS)

REV.	DATE	BY:	CHK:	APP:	DESCRIPTION
1	OCT 29/13	PA	Q	JL	MODIFIED DWG 08784-003-W-007 SPOOL 7
0	SEP 09/13	PA	DF	GH	ISSUED FOR CONSTRUCTION

DRAWING REVISIONS

ALL DIMENSIONS IN INCHES



REV.	DATE	BY:	CHK:	APP:	DESCRIPTION
1	OCT 29/13	PA	DF	JSE	MODIFIED DWG 08784-003-W-007 SPOOL 7
0	SEP 09/13	PA	DF	GH	ISSUED FOR CONSTRUCTION

DRAWING REVISIONS

ISSUED FOR CONSTRUCTION

SIGNED: *[Signature]*

NOV 04 2013

W. 8784-004

S/N: NWP-08784-004

ALL DIMENSIONS IN INCHES

NWP
INDUSTRIES INC.
Total oilfield supply.

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

PROJECTION:

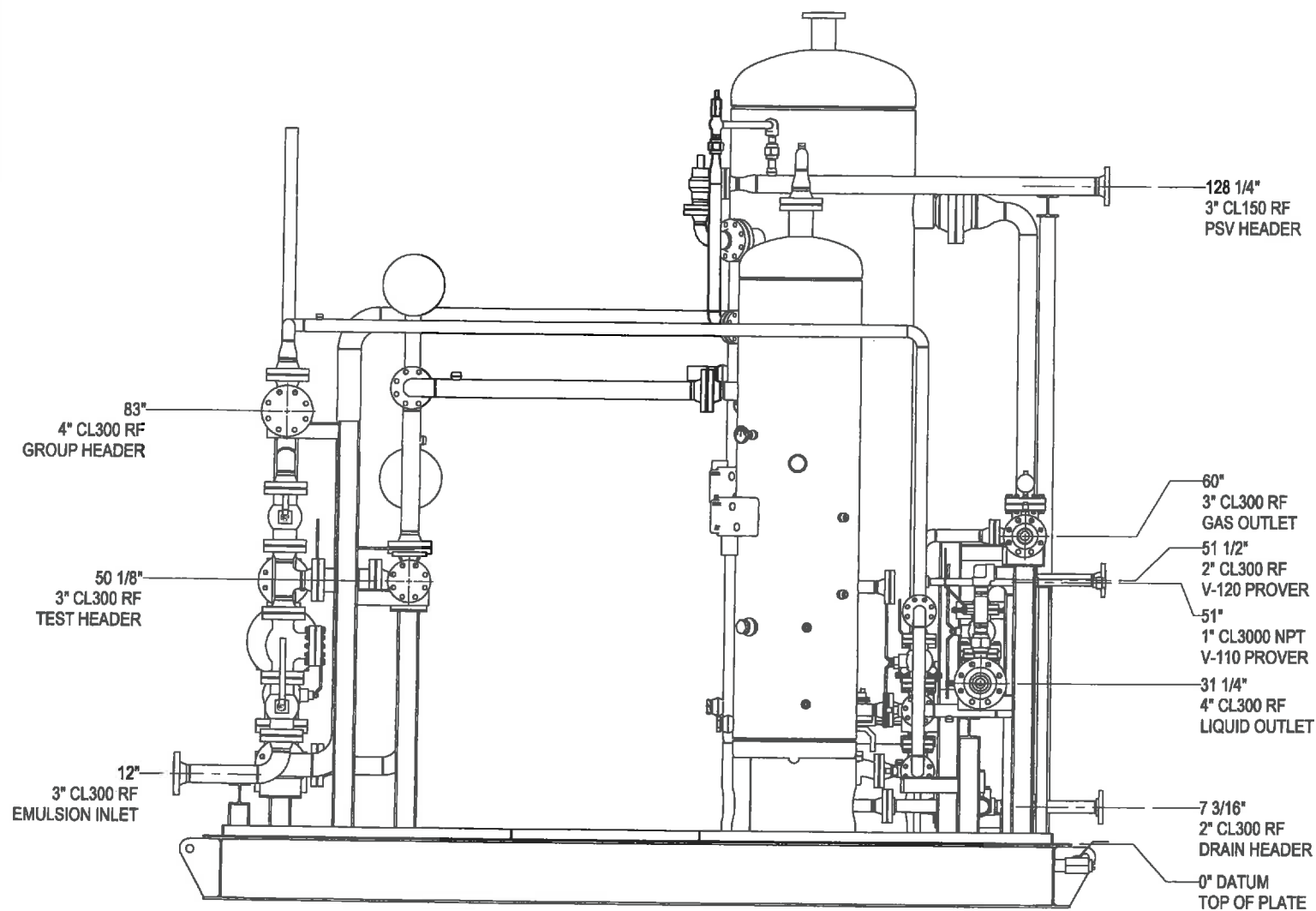
SCALE: AS NOTED

WEIGHT: (APPROX. LBS)

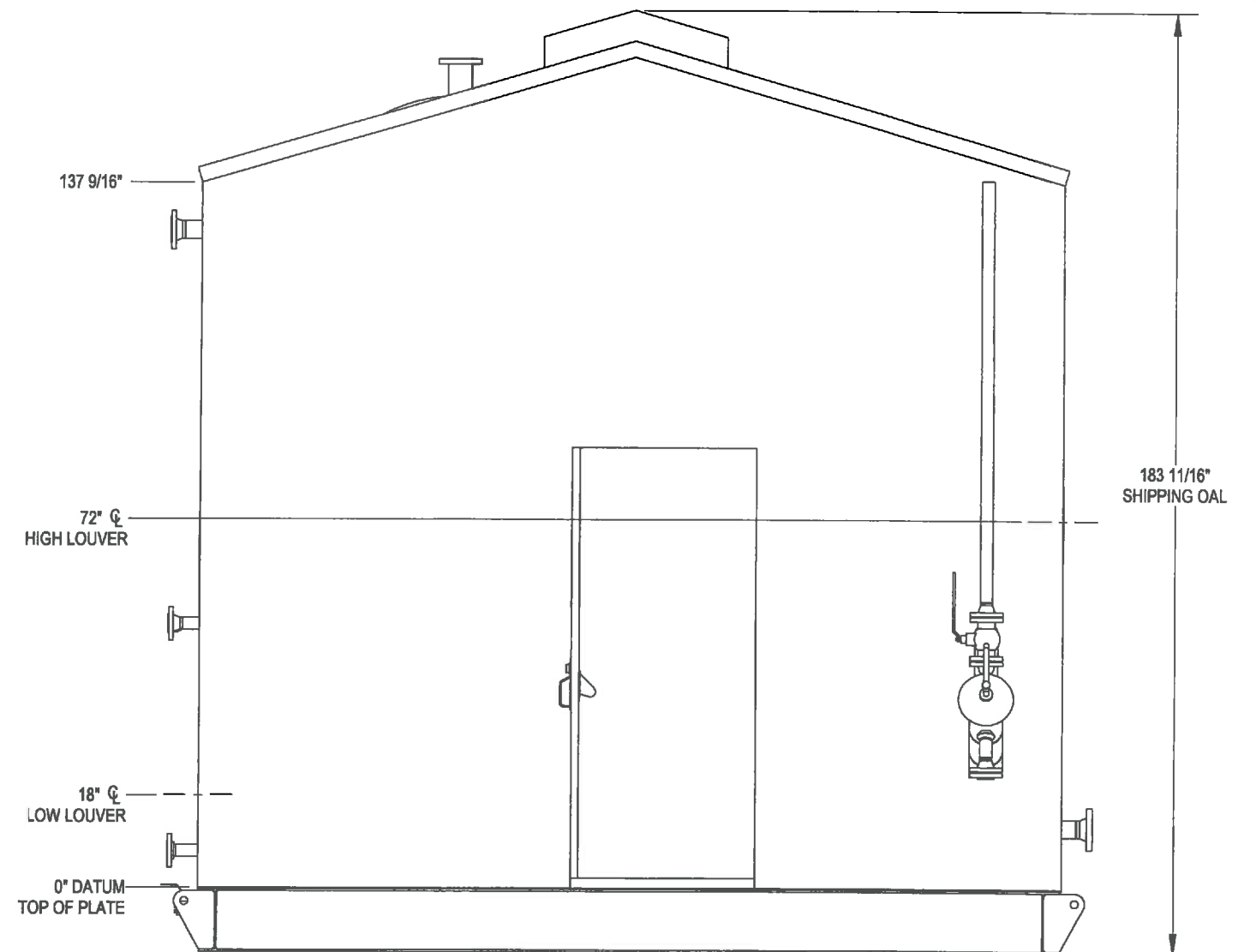
APACHE CANADA LTD C/O GENIVAR
DUAL SEPARATOR
LSD: 4-25-35-5 W4M
24" OD x 90" S/S TEST SEP. / 36" OD x 120" S/S GROUP SEP.

GENERAL ARRANGEMENT

DWN: PA	CHK: JSE	APP: JSE
DATE: JUN 14/13	DATE: OCT 30 2013	DATE: 10/30/13
SHEET: 2 OF 3	DWG: 08784-003-G-001	REV: 1



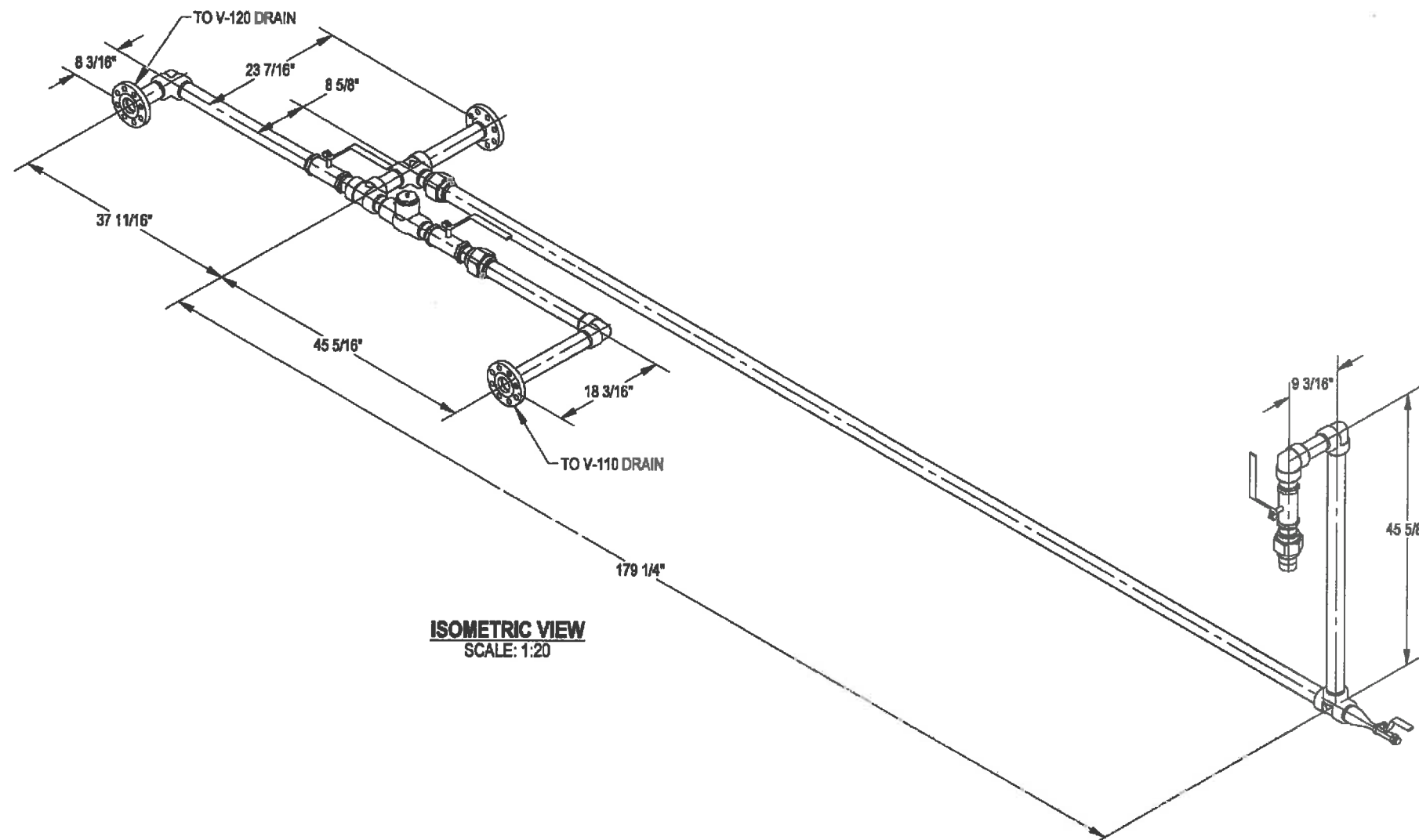
**RIGHT VIEW
W/O BUILDING**
SCALE: 1:32



LEFT VIEW
SCALE: 1:32

ORIGINAL

<table border="1"> <tr> <th>REV.</th> <th>DATE</th> <th>BY:</th> <th>CHK:</th> <th>APP:</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>OCT 29/13</td> <td>PA</td> <td>DF</td> <td>GH</td> <td>MODIFIED DWG 08784-003-W-007 SPOOL 7</td> </tr> <tr> <td>0</td> <td>SEP 09/13</td> <td>PA</td> <td>DF</td> <td>GH</td> <td>ISSUED FOR CONSTRUCTION</td> </tr> </table>					REV.	DATE	BY:	CHK:	APP:	DESCRIPTION	1	OCT 29/13	PA	DF	GH	MODIFIED DWG 08784-003-W-007 SPOOL 7	0	SEP 09/13	PA	DF	GH	ISSUED FOR CONSTRUCTION	ISSUED FOR CONSTRUCTION SIGNED: <i>[Signature]</i> DATE: NOV 21 2013 W.O.: 8784-004 S/N: NWP-08784-004		NWP INDUSTRIES INC. Total oilfield supply. P.O. BOX 6280, INNISFAIL, AB T4G 1S9 PH: (403) 227-4100 FAX: (403) 227-4102		APACHE CANADA LTD C/O GENIVAR DUAL SEPARATOR LSD: 4-25-35-5 W4M 24" OD x 90" S/S TEST SEP. / 36" OD x 120" S/S GROUP SEP. GENERAL ARRANGEMENT			
					REV.	DATE	BY:	CHK:	APP:	DESCRIPTION																				
1	OCT 29/13	PA	DF	GH	MODIFIED DWG 08784-003-W-007 SPOOL 7																									
0	SEP 09/13	PA	DF	GH	ISSUED FOR CONSTRUCTION																									
DRAWING REVISIONS ALL DIMENSIONS IN INCHES		PROJECTION: SCALE: AS NOTED WEIGHT: (APPROX. LBS)		DWN: PA DATE: JUN 14/13 SHEET: 3 OF 3		CHK: <i>[Signature]</i> DATE: OCT 30 2013 DWG: 08784-003-G-001																								



ISOMETRIC VIEW
SCALE: 1:20

ORIGINAL

THREADED PIPE DESIGN DATA

LINE NUMBER:	-
CLIENT SPECIFICATION:	-
DESIGN AND FABRICATE TO:	ANSI / ASME B31.3 NFS 2012 EDITION
DESIGN PRESSURE:	720 PSI
MAX DESIGN METAL TEMPERATURE:	100 °F
MIN. DESIGN METAL TEMPERATURE:	-20 °F
HYDROSTATIC TEST PRESSURE:	1080 PSI
CORROSION ALLOWANCE:	1/8"
QUALITY CONTROL PROGRAM:	AQP-21640
JOINT SEALANT	JET LUBE TF-15
SERVICE:	HYDROCARBONS

ISSUED FOR
CONSTRUCTION

SIGNED: *[Signature]*
DATE: NOV 24 2013

W.O. 8784-004

S/N: NWP-08784-004



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

PROJECTION: SCALE: AS NOTED
WEIGHT: (SEE LEG)

APACHE CANADA LTD
DUAL SEPARATOR PACKAGE
24" OD x 7'-6" S/S 720 PSI VESSEL
SOUR HYDROCARBONS

PIPING ASSEMBLY

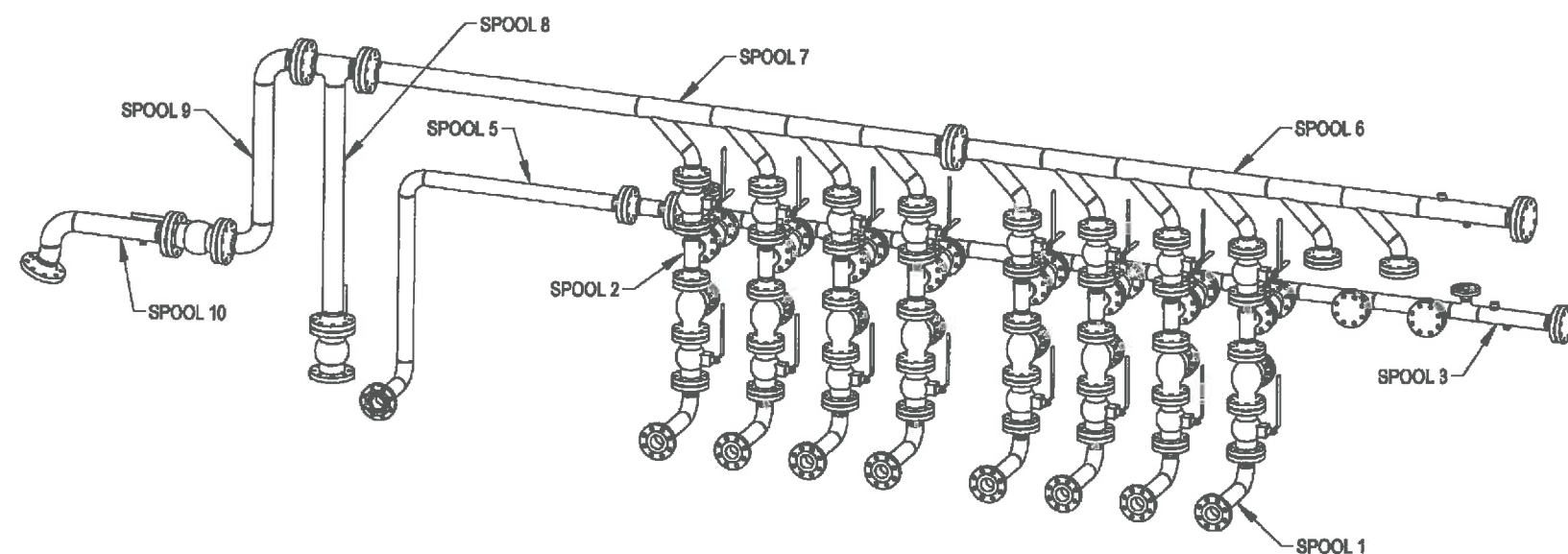
OWN: PA	CHK: <i>[Signature]</i>	APP: <i>[Signature]</i>
DATE: JUL 17/13	DATE: AUG 13 2013	DATE: AUG 13 2013

SHEET: 1 OF 1	DWG: 08784-001-W-010	REV: 0
---------------	----------------------	--------

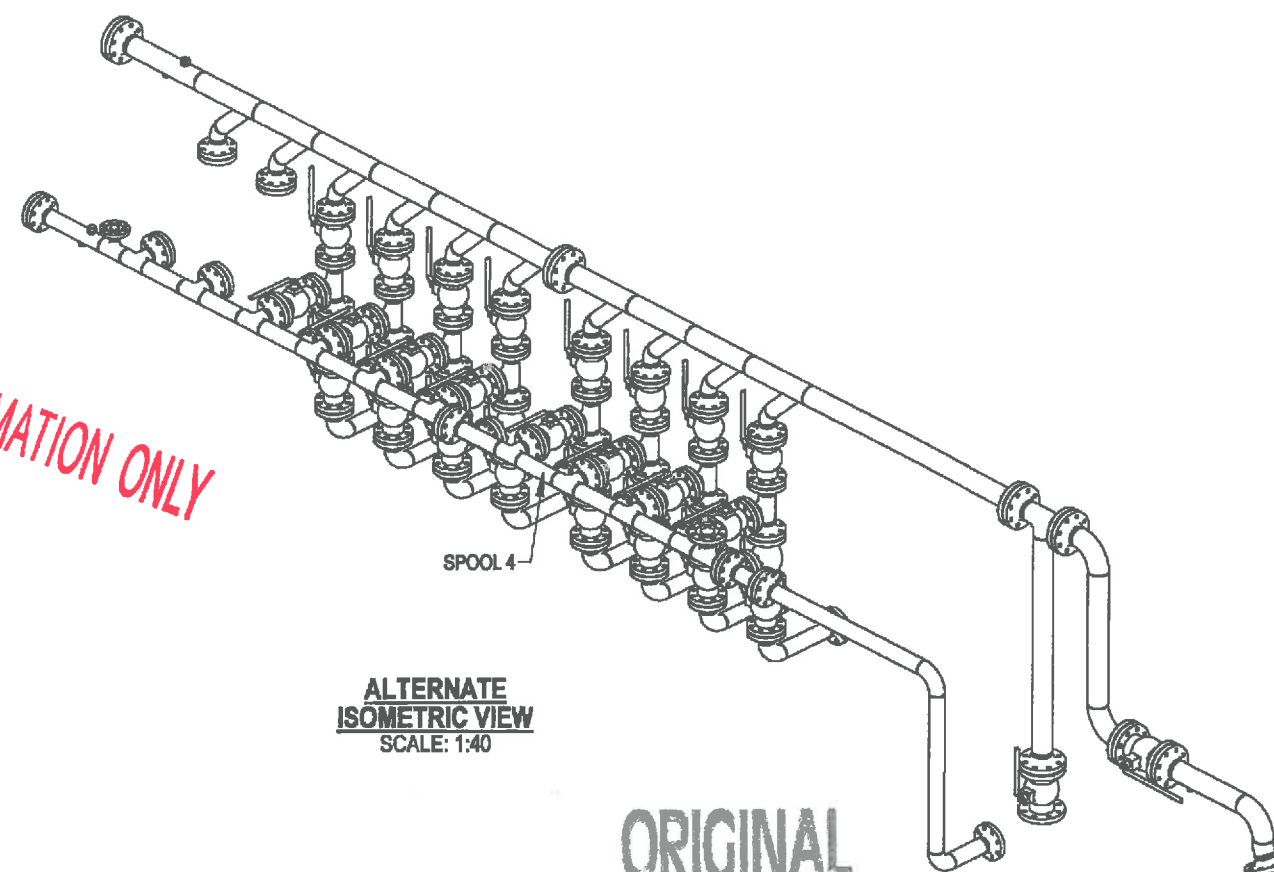
REV.	DATE	BY:	CHK:	APP:	DESCRIPTION
0	JUL 17/13	PA	<i>[Signature]</i>	<i>[Signature]</i>	ISSUED FOR CONSTRUCTION

DRAWING REVISIONS

ALL DIMENSIONS IN INCHES



ISOMETRIC VIEW
SCALE: 1:40



ALTERNATE ISOMETRIC VIEW
SCALE: 1:40

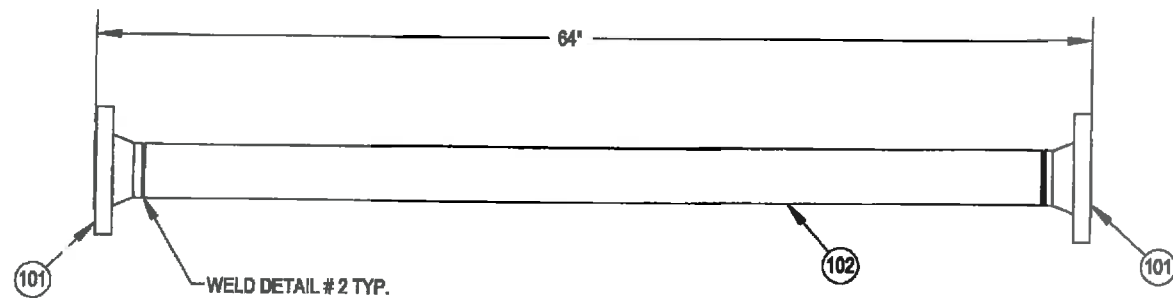
FOR INFORMATION ONLY

ORIGINAL

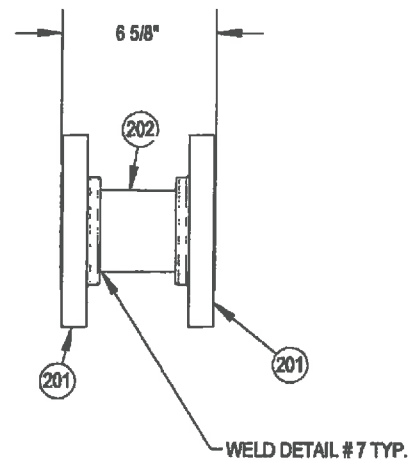
<table border="1"> <tr> <td>A</td> <td>JUN 30/13</td> <td>PA</td> <td>2.91</td> <td>ISSUED FOR CONSTRUCTION</td> </tr> <tr> <th>REV.</th> <th>DATE</th> <th>BY:</th> <th>CHK:</th> <th>APP:</th> <th>DESCRIPTION</th> </tr> </table>					A	JUN 30/13	PA	2.91	ISSUED FOR CONSTRUCTION	REV.	DATE	BY:	CHK:	APP:	DESCRIPTION	ISSUED FOR CONSTRUCTION SIGNED: <i>[Signature]</i> DATE: NOV 04 2013 W.O.: 8784-004 S/N: NWP-08784-004		 NWP INDUSTRIES INC. Total oilfield supply. P.O. BOX 6280, INNISFAIL, AB T4G 1S9 PH: (403) 227-4100 FAX: (403) 227-4102		APACHE CANADA LTD DUAL SEPARATOR PACKAGE 24" OD x 7'-6" S/S 720 PSI VESSEL SOUR HYDROCARBONS PIPING ASSEMBLY			
					A	JUN 30/13	PA	2.91	ISSUED FOR CONSTRUCTION														
REV.	DATE	BY:	CHK:	APP:	DESCRIPTION																		
PROJECTION: SCALE: AS NOTED WEIGHT: 3837		DWG: 08784-001-W-001 SHEET: 1 OF 14 DATE: JUN 30/13 DATE: AUG 13 2013 DATE: AUG 13 2013 REV: 0																					

BILL OF MATERIAL						
ITEM	PART #	DESCRIPTION	MATERIAL	SIZE	QTY	MTR #
101	FRFWN3B40A	FLANGE: 3" CL300 RFWN SCH 40 BORE	SA-105N		2	
102	PIPBE340C	PIPE: 3" NOM SCH 40 BBE	SA-106-B SMLS	57 3/4"	1	

BILL OF MATERIAL						
ITEM	PART #	DESCRIPTION	MATERIAL	SIZE	QTY	MTR #
201	FLA3BYCE	Flange 3" 300 ANSI RF80 SA105N			2	
202	PIPBE340C	PIPE: 3" NOM SCH 40 BBE	SA-106-B SMLS	6 1/8"	1	

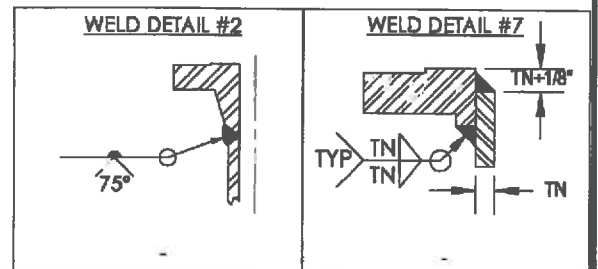


**PLAN VIEW
SPOOL 1
SCALE: 1:12**



**PLAN VIEW
SPOOL 2
SCALE: 1:8**

ORIGINAL



DESIGN DATA	
LINE NUMBER:	-
INTERNAL COATING:	NONE
CLIENT SPECIFICATION:	-
DESIGN AND FABRICATE TO:	B31.3 2012 EDITION NFS
DESIGN PRESSURE:	720 PSI
MAXIMUM DESIGN TEMPERATURE:	100 °F
MINIMUM DESIGN TEMPERATURE:	-20 °F
SERVICE:	HYDROCARBONS
HYDROSTATIC TEST PRESSURE:	1080 PSI
RADIOGRAPHY:	100%
OTHER NDE:	100% VISUAL
POST WELD HEAT TREATMENT:	NONE
CORROSION ALLOWANCE:	1/8"
Q.C. PROGRAM NO.:	AQP-21640
WELDING PROCEDURE REGISTRATION NO.:	WP-3221.2

FOR INFORMATION ONLY

ISSUED FOR CONSTRUCTION SIGNED: <i>[Signature]</i> DATE: NOV 04 2013 W.O.: 8784-004 S/N: NWP-08784-004					 NWP INDUSTRIES INC. Total oilfield supply. P.O. BOX 6280, INNISFAIR, AB T4G 1S9 PH: (403) 227-4100 FAX: (403) 227-4102		APACHE CANADA LTD DUAL SEPARATOR PACKAGE 24" OD x 7'-8" S/S 720 PSI VESSEL SOUR HYDROCARBONS WELDED PIPING ASSEMBLY						
							DWN: MJH DATE: AUG 22/2013 SHEET: 1 OF 1						
REV.	DATE	BY:	CHK:	APP:	DESCRIPTION	S/N:	PROJECTION:	SCALE:	WEIGHT:	DATE:	DATE:	DATE:	REV:
0	AUG 22/13	MJH			ISSUED FOR CONSTRUCTION			AS NOTED					0
DRAWING REVISIONS						ALL DIMENSIONS IN INCHES				08784-001-W-011			