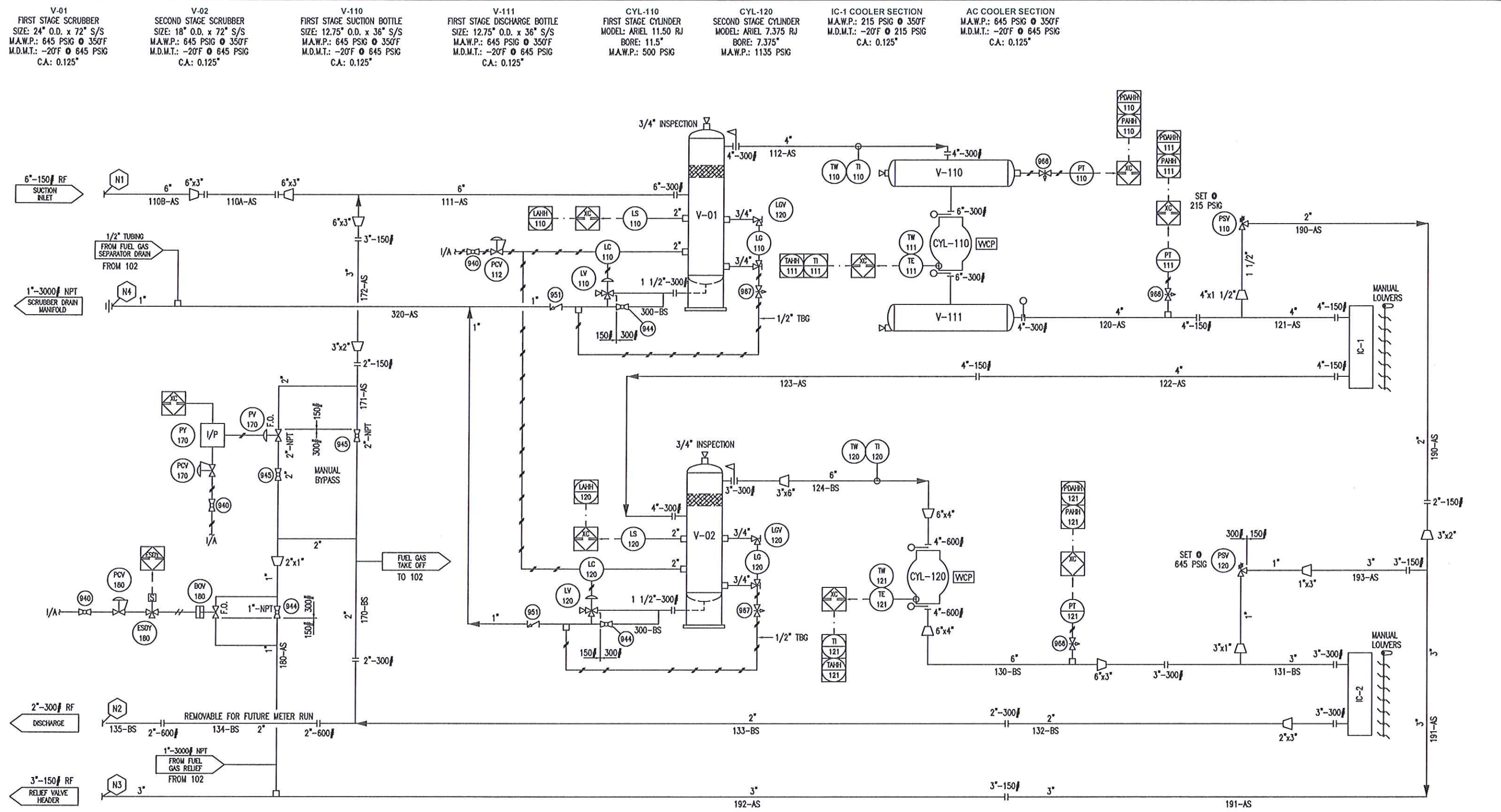




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GENERAL NOTES FLANGED RELIEF VALVE NOZZLES TO BE GUSSETED TO PIPE STRAP TYPE PIPE CLAMPING AS STANDARD ALL PROCESS GASKETS TO BE 316SS FLEXITALLIC TYPE CGI ALL STUDS TO BE SA-193-B7M ALL NUTS TO BE SA-194-2HM ALL CAPSCREWS TO BE PLATED GRADE 8 PANEL TO BE 24VDC POWERED TUBING RUNS IN TRAFFIC AREAS TO BE PROTECTED WITH REMOVABLE COVER		PROCESS PIPING DESIGNED IN ACCORDANCE WITH ASME B31.3 2010 EDITION CORROSION ALLOWANCE: 1/8" RADIOGRAPHY: 100% STRESS RELIEF: NO PICKLE & OIL: NO		VESSELS DESIGNED IN ACCORDANCE WITH ASME SECTION VIII, DIV. 1 CORROSION ALLOWANCE: 1/8" RADIOGRAPHY: RT-1 STRESS RELIEF: YES PICKLE & OIL: YES VESSEL/COOLER REG.: AB/BC/SK		INSTRUMENT TUBING PROCESS 316SS INSTRUMENT 316SS FRAME INTERNALS 316SS * FITTINGS TO BE SWAGELOCK PAINT PIPING & FITTINGS WARM GREY STRUCTURAL STEEL WARM GREY GRATING SEMIGLOSS BLACK		<table><tr><td>5</td><td>REVISED FOR P.ENG STAMP</td><td>04/06/11</td><td>TH</td></tr><tr><td>4</td><td>AS BUILT</td><td>03/28/11</td><td>TH</td></tr><tr><td>3</td><td>ADD AUTO BYPASS & BLOWDOWN</td><td>03/17/11</td><td>TH</td></tr><tr><td>2</td><td>CHANGED BYPASS DOWNSTREAM TO 3"</td><td>02/11/11</td><td>TH</td></tr><tr><td>1</td><td>ISSUED FOR CONSTRUCTION</td><td>02/10/11</td><td>TH</td></tr><tr><td>0</td><td>ISSUED FOR APPROVAL</td><td>01/31/11</td><td>TH</td></tr><tr><td>REV.</td><td>DESCRIPTION</td><td>DATE</td><td>BY</td></tr></table>		5	REVISED FOR P.ENG STAMP	04/06/11	TH	4	AS BUILT	03/28/11	TH	3	ADD AUTO BYPASS & BLOWDOWN	03/17/11	TH	2	CHANGED BYPASS DOWNSTREAM TO 3"	02/11/11	TH	1	ISSUED FOR CONSTRUCTION	02/10/11	TH	0	ISSUED FOR APPROVAL	01/31/11	TH	REV.	DESCRIPTION	DATE	BY	STAMP: 		 COMPASS COMPRESSION SERVICES LTD. 1537 - 9TH AVENUE S.E. CALGARY, AB T2G 5N4 PHONE: (403) 262-2487 FAX: (403) 262-2480 <table><tr><td colspan="2">MODEL: EM250-RAJ2-2</td><td>UNIT #: C-547</td><td rowspan="4">PETROBAKKEN ENERGY & RESOURCES C/O NORTHRIDGE ENERGY DEVELOPMENT 0689 NE HEWARD BATTERY LSD: 01-02-09-09 W2M</td></tr><tr><td>SERVICE: SOUR</td><td>H₂S: 2%</td><td>CO₂: 0%</td></tr><tr><td>DRN. BY: TH</td><td>DATE: 01/31/11</td><td></td></tr><tr><td>CHK. BY: <i>MD</i></td><td>DATE: 04/05/11</td><td></td></tr><tr><td>APR. BY: <i>MD</i></td><td>DATE: 04/05/11</td><td>DWG. #: C547-101</td><td>REV. #: 5</td></tr></table>		MODEL: EM250-RAJ2-2		UNIT #: C-547	PETROBAKKEN ENERGY & RESOURCES C/O NORTHRIDGE ENERGY DEVELOPMENT 0689 NE HEWARD BATTERY LSD: 01-02-09-09 W2M	SERVICE: SOUR	H ₂ S: 2%	CO ₂ : 0%	DRN. BY: TH	DATE: 01/31/11		CHK. BY: <i>MD</i>	DATE: 04/05/11		APR. BY: <i>MD</i>	DATE: 04/05/11	DWG. #: C547-101	REV. #: 5
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EM-01
ELECTRIC DRIVER
MAKE: TECO
MODEL: PDH25004TE4M
HP RATING: 250 HP @ 1800 RPM
VOLTAGE: 460V/3PH/60Hz

EM-02
ELECTRIC DRIVER
VFD COMP. MOTOR
RATING: 10 HP @ 1800 RPM
VOLTAGE: 460V/3PH/60Hz

F-04
FUEL GAS SCRUBBER
SIZE: 6.625 O.D. x 48" S/S
M.A.W.P.: 230 PSIG @ 300°F
C.A.: 0.0625

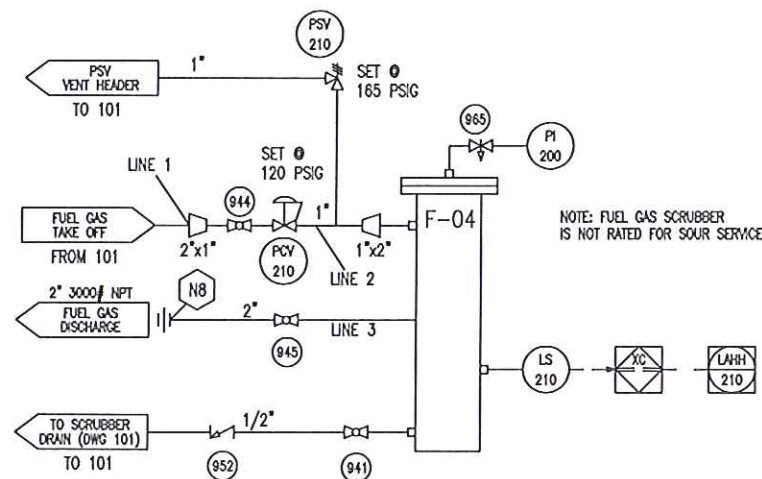
C-01
AIR COOLER
MAKE: AIR-X-LIMITED
MODEL: 60 BEF
REQ'D HP: 8.72HP @ 680 RPM

C-02
AIR COOLER
MAKE: THERMAL TRANSFER
MODEL: AO-25-3PH
MOTOR VOLTAGE: 460V/3PH/60Hz
MOTOR RATING: 1 HP @ 1140 RPM

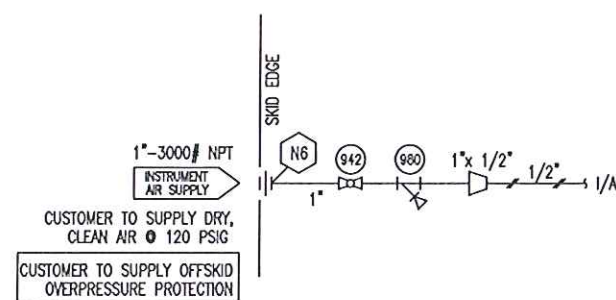
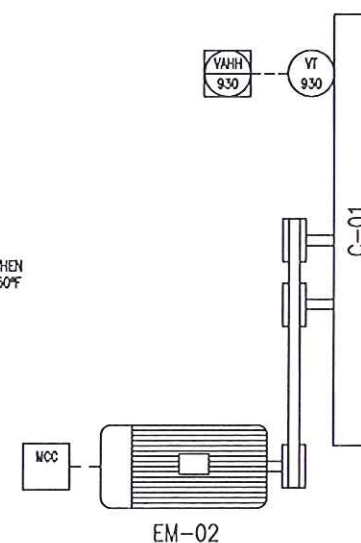
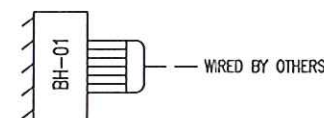
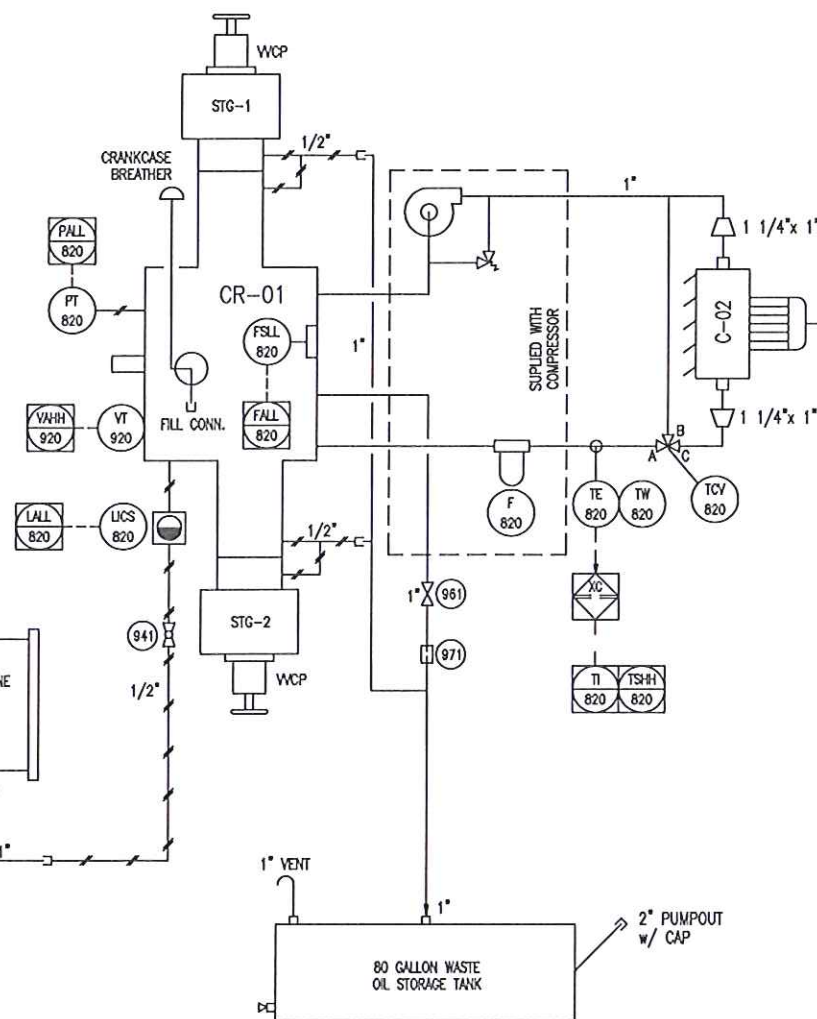
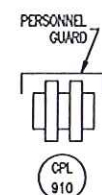
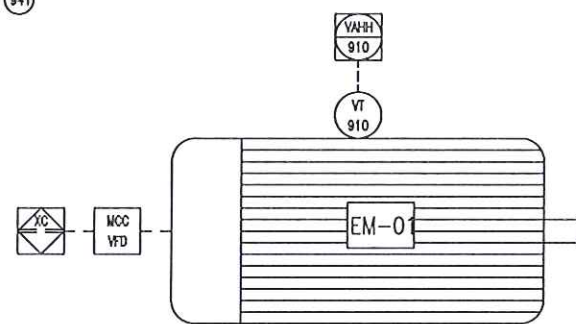
CR-01
COMPRESSOR FRAME
MAKE: ARIEL
MODEL: JGJ/2
STROKE: 3.5"
HP PER THROW: 310

CP-01
CONTROL PANEL
MAKE: MICRO LOGIX
MODEL: 1400

BH-01
BUILDING HEATER
MAKE: RUFFNECK
MODEL: FX5-480360-150
VOLTAGE: 480VAC/3PH/60HZ
OUTPUT: 51,200 BTU/HR (15 KW)



NOTE: FUEL GAS SCRUBBER
IS NOT RATED FOR SOUR SERVICE



1/2" FILL CONNECTION
LOCATED @ HAND LEVEL

Diagram of a storage tank with the following features:

- 1" VENT
- 1"
- 80 GALLON WASTE OIL STORAGE TANK
- 2" PUMPOUT w/ CAP


PROCESS PIPING
DESIGNED IN ACCORDANCE WITH
ASME B31.3 2010 EDITION
CORROSION ALLOWANCE: 1/8"
RADIOGRAPHY: 100%
STRESS RELIEF: NO
PICKLE & OIL: NO

VESSELS
DESIGNED IN ACCORDANCE WITH
ASME SECTION VIII, DIV. 1
CORROSION ALLOWANCE: 1/8"
RADIOGRAPHY: RT-1
STRESS RELIEF: YES
PICKLE & OIL: YES
VESSEL/COOLER REG.: AB, BC, SK

INSTRUMENT TUBING	TUBING	FITTINGS
PROCESS	316SS	316SS
INSTRUMENT	316SS	316SS
FRAME INTERVALS	316SS	316SS
* FITTINGS TO BE SWAGelok		
PAINT		
PIPING & FITTINGS	WARM GREY	
STRUCTURAL STEEL	WARM GREY	
GRATING	SEMI-GLOSS BLACK	

3	AS BUILT	03/28/11	TH
2	ADDED NOTES FOR OIL COOLER	03/17/11	TH
1	ISSUED FOR CONSTRUCTION	02/10/11	TH
0	ISSUED FOR APPROVAL	01/31/11	TH
REV.	DESCRIPTION	DATE	BY

STAMP:



MIKE DRURY
04/28/11

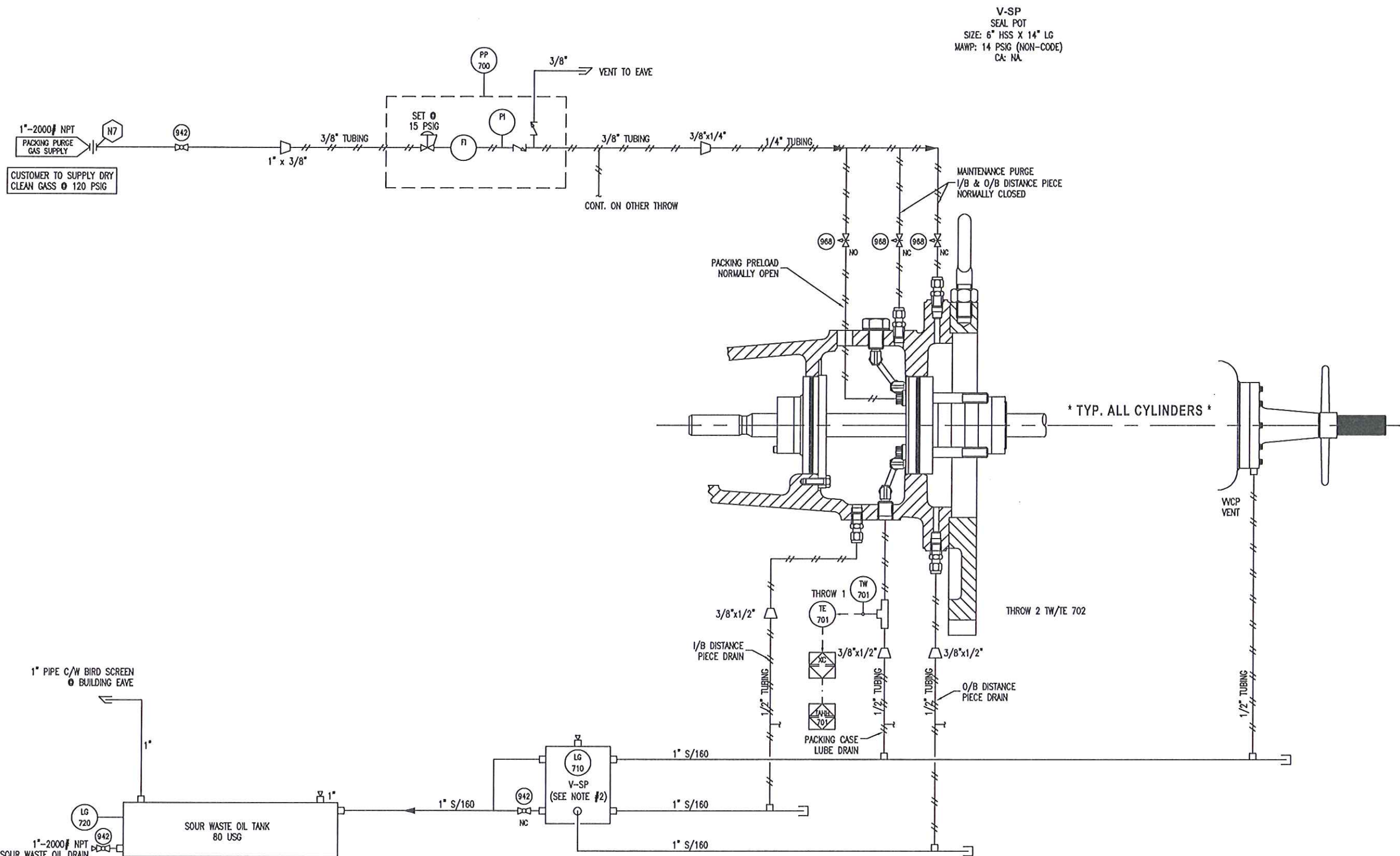


COMPASS COMPRESSION SERVICES LTD.
1537 - 9TH AVENUE S.E. CALGARY, AB T2G 5N4
PHONE: (403) 262-2487 FAX: (403) 262-2480

MODEL: EM250-RAJ2-2	UNIT #: C-547
SERVICE: SOUR	H ₂ S: 2% CO ₂ : 0%
DRN. BY: TH	DATE: 01/31/11
CHK. BY: <i>mtf</i>	DATE: <i>04/08/11</i>
APR. BY: <i>mtf</i>	DATE: <i>04/05/11</i>



PETROBANK ENERGY & RESOURCES
C/O NORTHRIDGE ENERGY DEVELOPMENT
0000 NE HEWARD BATTERY
LSO: 01-02-00-00 W2M

DWG. #:	C547-102	REV. #:	3
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NOTES

1. ON APPLICATIONS w/o VACUUM PUMP, VACUUM PORT IS TO BE PLUGGED, AND SOUR WASTE OIL TANK TO BE VENTED TO EAVE.
2. SLOPE ALL HEADERS DOWN TO SEAL POT AND SLOPE SEAL POT DRAIN TO WASTE OIL TANK.

GENERAL NOTES FLANGED RELIEF VALVE NOZZLES TO BE GUSSETED TO PIPE STRAP TYPE PIPE CLAMPING AS STANDARD ALL PROCESS GASKETS TO BE 316SS FLEXITALLIC TYPE CGI ALL STUDS TO BE SA-193-B7M ALL NUTS TO BE SA-194-2HM ALL CAPSCREWS TO BE PLATED GRADE 8	PROCESS PIPING DESIGNED IN ACCORDANCE WITH ASME B31.3 2010 EDITION CORROSION ALLOWANCE: 1/8" RADIOGRAPHY: 100% STRESS RELIEF: NO PICKLE & OIL: NO	VESSELS DESIGNED IN ACCORDANCE WITH ASME SECTION VIII, DIV. 1 CORROSION ALLOWANCE: 1/8" RADIOGRAPHY: RT-1 STRESS RELIEF: YES PICKLE & OIL: YES VESSEL/COOLER REG.: AB, BC, SK	INSTRUMENT TUBING TUBING 316SS INSTRUMENT 316SS FRAME INTERNALS 316SS * FITTINGS TO BE SWAGELOCK	FITTINGS 316SS 316SS 316SS			STAMP: 	 COMPASS COMPRESSION SERVICES LTD. 1537 - 9TH AVENUE S.E. CALGARY, AB T2G 5N4 PHONE: (403) 262-2487 FAX: (403) 262-2480	MODEL: EM250-RAJ2-2 UNIT #: C-547 SERVICE: SOUR H₂S: 2% CO₂: 0% DRN. BY: TH DATE: 01/31/11 CHK. BY: <i>mt</i> DATE: 04/05/11 APR. BY: <i>mt</i> DATE: 04/05/11 DWG. #: C547-103 REV. #: 2 PETROBAKKEN ENERGY & RESOURCES C/O NORTHRIDGE ENERGY DEVELOPMENT 6689 NE HEWARD BATTERY LSD: 01-02-09-09 W2M		
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					1	ISSUED FOR CONSTRUCTION				02/10/11	TH
					0	ISSUED FOR APPROVAL				01/31/11	TH
					REV.	DESCRIPTION				DATE	BY