002-V-05-2114
GLYCOL FLASH DRUM
SIZE: 610 mm OD x 2438 mm S/S
TYPE: VERTICAL, 2-PHASE
DESIGN: 1034 kPag @ 93/-29°C
C.A.: 1.6 mm

002-FL-05-2110/2112 (NOTE 2)
LP RICH GLYCOL PARTICULATE FILTERS
SIZE: 168 mm OD x 1549 mm S/F
TYPE: CARTRIDGE
DESIGN: 1034 kPag @ 93/-29°C
C.A.: 1.6 mm
ELEMENT: ONE (1) JPME 4536-10A-CE
REMOVAL: 99.9% ≥ 10 MICRONS

002-FL-05-2111
LP RICH GLYCOL CHARCOAL FILTER
SIZE: 762 mm OD x 1524 mm S/S
TYPE: CARTRIDGE
DESIGN: 1034 kPag @ 93/-29°C
C.A.: 1.6 mm
ELEMENTS: EIGHT (8) JVF-1122C
CAPACITY: 100%

GENERAL NOTES:
1. LOW POINT DRAINS/HIGH POINT VENTS ADDED WHERE REQUIRED.
2. ELEMENT AND HOUSING SUPPLIED BY JONELL.
3. EACH INSTRUMENT AIR BRANCH HEADER TO INCLUDE 2 SPARE VALVE CONNECTIONS AND AN ADDITIONAL VALVE AT THE END OF THE HEADER FOR BLOWDOWN.
4. TOP OF HC SKIM BOX LOCATED 810mm ABOVE BOTTOM SEAM OF VESSEL.
5. ALL INTERCONNECTING PIPING WITHIN SHALLOWCUT BATTERY LIMIT IS BY TDE.
6. ALL INSTRUMENTS SYMBOLS ON THIS PID TO BE PREFIXED BY 05.

LP FLARE HEADER — 80-LF-AL11-09405-38H-GT
FUEL GAS — 50 — 80-FG-AL11-20400-N
INSTRUMENT AIR — 50 — 80-IA-AU11-22400-N
SK-16 SKID EDGE
89-LF-A11-09406-N
33-FG-A11-20404-N
33-PG-A11-01428-N
33-IA-AU11-22403-N
60-PG-A11-01434-N
48-EG-B11-04407-N
48-EG-B11-04408-N
48-EG-B11-04409-N
48-EG-B11-04410-N
60-HCD-A11-23404-N
60-HCD-AL11-23400-38H-GT
002-E-05-2125 — D-9 — 10-PR-PI-0016 — 60-EG-B11-04406-N
LCV-2110A FAIL OPEN
SET @ 450 kPag
SET @ 275 kPag
QTY 8
NOTE 3
NOTE 4
SLOPE 1:500 DO NOT POCKET
THERMAL EXPANSION
5-VALVE MANIFOLD
VENT
QUICK CLOSURE
H/C SKIMMER
CLOSED DRAIN — A-9 — 10-PR-PI-0016
TRUCK OUT CONNECTION
C-9 — 10-PR-PI-0016
E-2 — 10-PR-PI-0015
A-9 — 10-PR-PI-0015
002-E-05-2115

002-V-05-2114 #3503
002-FL-05-2110 #3581
002-FL-05-2111 #3504
002-FL-05-2112 #3582

PROFESSIONAL ENGINEER ALBERTA
STEVE JACKSON
JAN 20, 2014

NO.	REVISION	DATE	BY
0B	REVISED AS MARKED	NOV.06/13	MFF
0A	REVISED AS MARKED	OCT.02/13	SSE
0	RELEASED FOR FABRICATION	JUL.17/13	MFF

ELECTRICAL: | I & I: | CONTROLS: | PROCESS: | PROJECT:

PROJECT NAME:
FERRIER CENTRAL PROCESSING FACILITY

CLIENT:
DEVON CANADA c/o WORLEY PARSONS

DOCUMENT NAME:
GLYCOL REGENERATION
PIPING AND INSTRUMENTATION DIAGRAM

THERMO DESIGN ENGINEERING LTD.
OIL & GAS PRODUCTION EQUIPMENT
DESIGN • FABRICATION • INSTALLATION
EDMONTON, ALBERTA, CANADA
APEGGA PERMIT NUMBER: P2600

P. ENG. STAMP:

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TDE JOB NUMBER: 12-118
DOCUMENT NUMBER: DFR-10-PR-PI-0017
ITEM: . SHEET: . REV: 0B

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