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**002-H-05-1116/002-E-05-1116/002-T-05-1116**

**GLYCOL REGENERATOR**  
REBOILER: 610 mm OD x 4877 mm LG  
SURGE TANK (002-T-05-1116): 914 mm OD x 3962 mm LG  
STILL COLUMN: 273 mm OD x 2515 mm F/F  
U-TUBE BUNDLE (002-E-05-1116): 324 mm OD x 4267 mm TS/TAN  
DUTY: 104 kW  
DESIGN: 100 kPag @ 200/-45°C (NON CODE).  
U-TUBE BUNDLE DESIGN: 1470 kPag/FV @ 180/-45°C  
C.A.: 1.6 mm

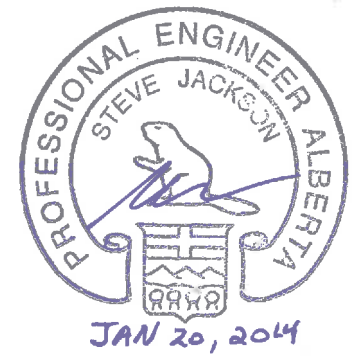
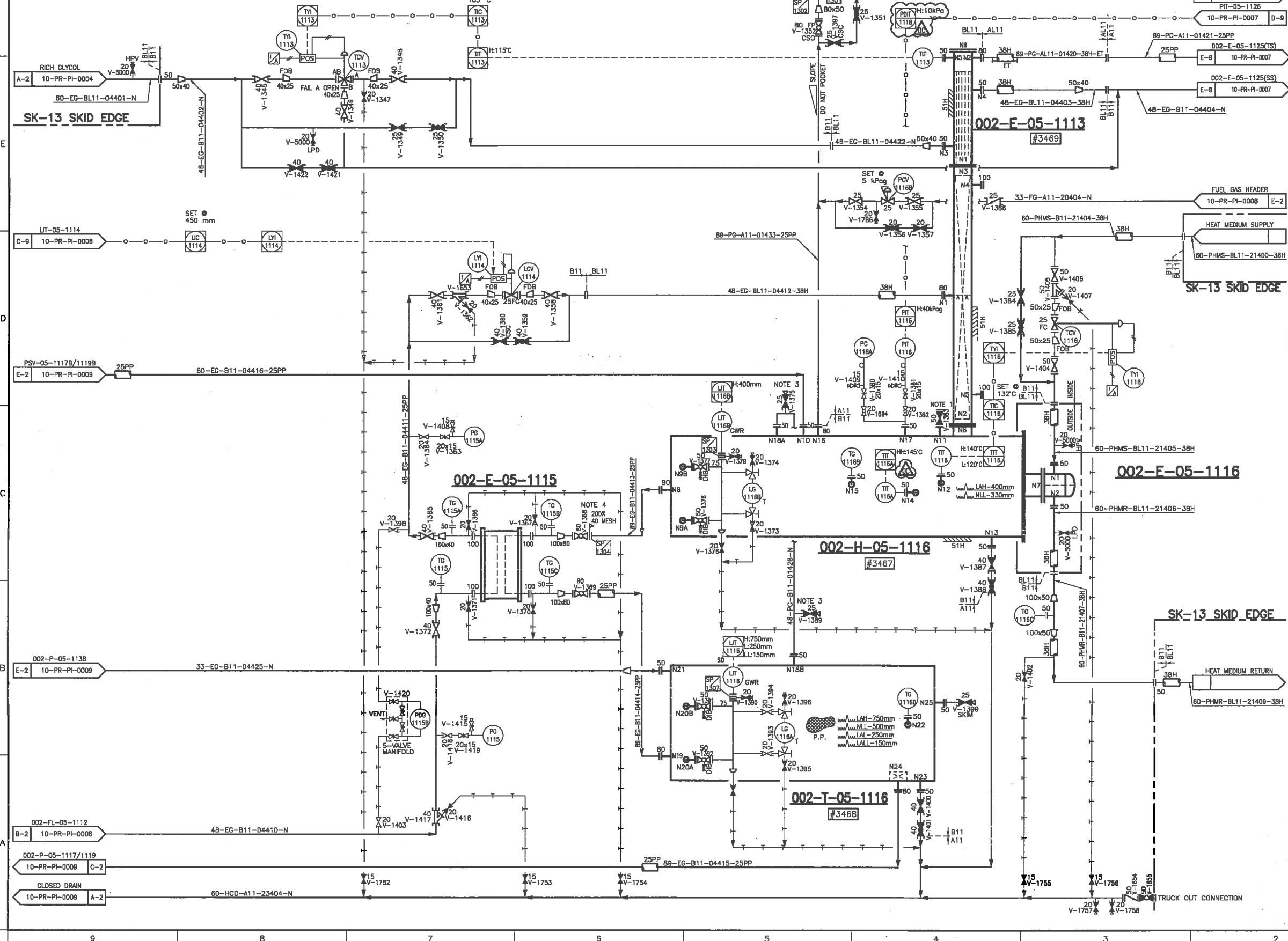
**002-E-05-1115**

**LEAN/RICH GLYCOL EXCHANGER**  
TYPE: PLATE AND FRAME  
MODEL: ALFA LAVAL M10-B  
DESIGN: 1034 kPag @ 150/-29°C  
DUTY: 129 kW

**002-E-05-1113**

**REFLUX CONDENSER**  
REFLUX CONDENSER: 273 mm OD x 610 mm TS/TS  
TYPE: NEN  
DESIGN: TS:100 kPag/FV @ 200/-45°C (NON CODE)  
SS: 4481 kPag @ 200/-45°C  
DUTY: 10 kW  
C.A.: 1.6 mm

- GENERAL NOTES:**
1. GLYCOL FILL CONNECTION.
  2. LOW POINT DRAINS/HIGH POINT VENTS ADDED WHERE REQUIRED.
  3. CLEAN OUT CONNECTION.
  4. STRAINER FOR START-UP PURPOSES ONLY. TO BE REMOVED FOR NORMAL OPERATION.
  5. ALL INTERCONNECTING PIPING WITHIN SHALLOWCUT BATTERY LIMIT IS BY TDE.
  6. ALL INSTRUMENTS SYMBOLS ON THIS PID TO BE PREFIXED BY 05.



OC	REVISED AS MARKED	NOV.06/13	MFF
OB	REVISED AS MARKED	OCT.02/13	SSE
OA	REVISED AS MARKED	JUL.12/13	VV
0	RELEASED FOR FABRICATION	MAY.30/13	MFF
NO.	REVISION	DATE	BY
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			
APPROX PERMIT NUMBER: P2800			
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12-118			
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DFR-10-PR-PI-0006			
FILE	SHEET	REV	OC