

PRINTED: Monday, January 20, 2014 8:18:50 AM DWF NAME: H:\PROJECTS New NDS\Design\General\DFR\PI\DFR-30-PR-0004 Rev 00.dwg
 UPDATED: Friday, November 15, 2013 10:27:02 AM BY: Manual

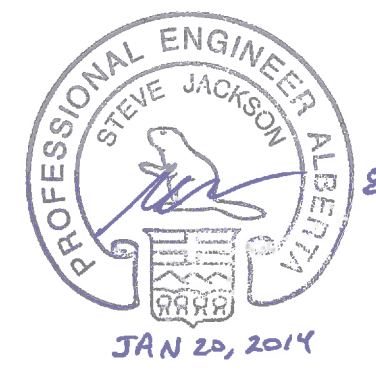
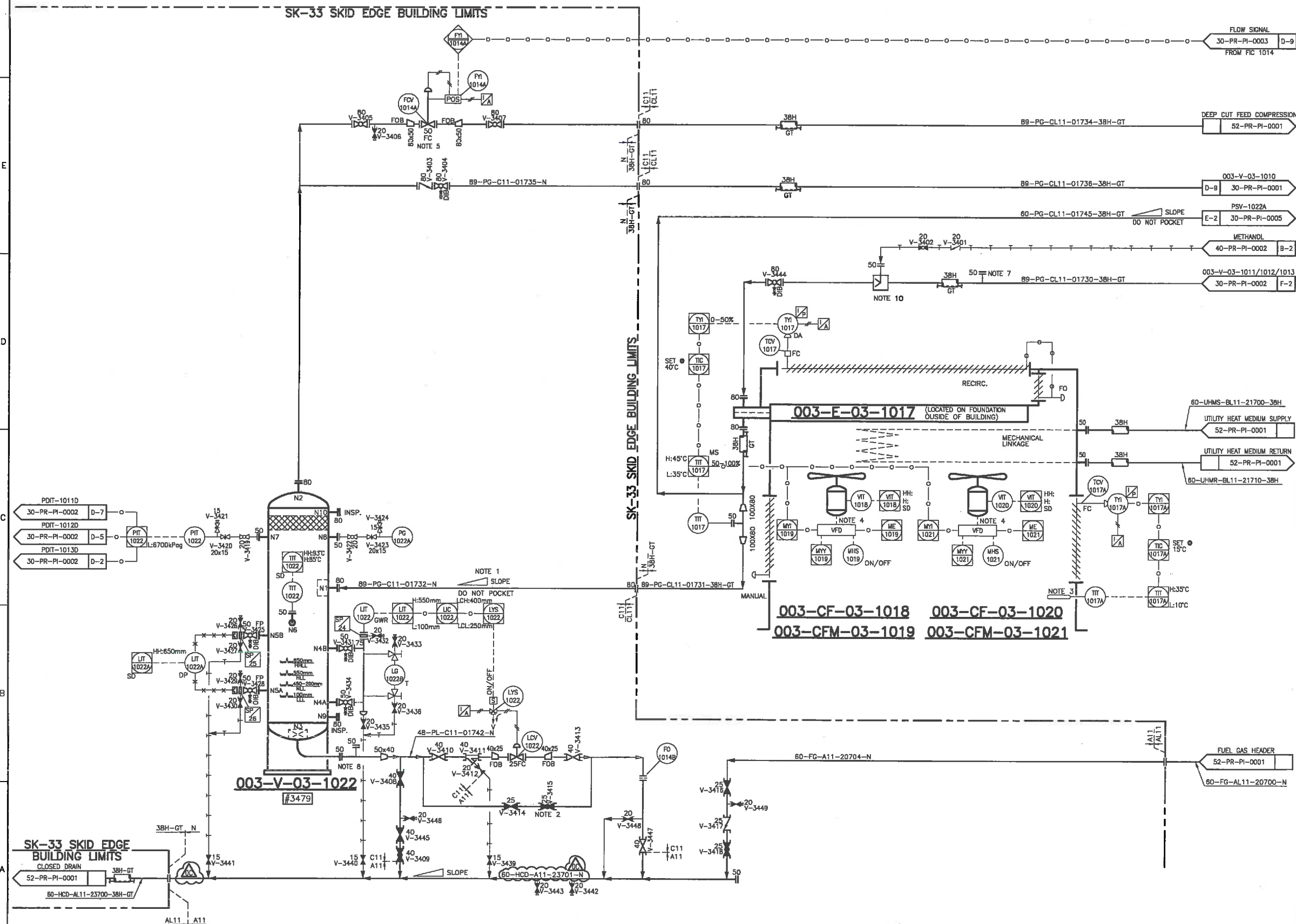
003-V-03-1022
REGENERATION GAS SEPARATOR
 SIZE: 610 mm OD x 1829 mm S/S
 TYPE: VERTICAL, 2-PHASE
 DESIGN: 7550 kPag @ 93/-29°C
 C.A.: 3.2 mm

003-E-03-1017
REGENERATION GAS COOLER
 TYPE: HORIZONTAL FORCED DRAFT
 MODEL: 42-2ZF-R
 DESIGN: 7550 kPag @ 315/-45°C
 DUTY: 644 kW
 C.A.: 1.6 mm (ON HEADER BOX ONLY)

003-CF-03-1018/1020
REGENERATION GAS COOLER FAN
 FANS: (2) MOORE-10K S18VT

003-CFM-03-1019/1021
REGENERATION GAS COOLER FAN MOTORS
 MOTOR: TWO (2) 3.7 kW, 575V/3ø/60Hz

- GENERAL NOTES:**
- TWO PHASE FLOW
 - LG TO BE READABLE FROM GLOBE VALVE.
 - LOCATE AMBIENT AIR SENSOR DIRECTLY UNDER FAN WHERE AIR IS WELL MIXED.
 - VFD COMPATIBLE ONLY, VFD BY OTHERS.
 - CONTROL VALVE TO BE EQUIPPED WITH MECHANICAL STOP.
 - ALL INSTRUMENT TAG NUMBERS SHALL FOLLOW ITS ASSOCIATED EQUIPMENT TAG NUMBERS, UNLESS OTHERWISE INDICATED (EX. PG-1010 ON EQUIPMENT 003-V-03-1010, FULL INSTRUMENT TAG NUMBER SHALL BE 003-PG-03-1010).
 - FUTURE CORROSION INHIBITOR INJECTION POINT.
 - CORROSION MONITORING COUPON ACCESS POINT, TDE PROVIDING ACCESS POINT ONLY.
 - ALL INSTRUMENT SYMBOLS ON THIS PID TO BE PREFIXED BY 03.
 - TO BE LOCATED <1m FOR 003-E-03-1017 INLET NOZZLE.



NO.	REVISION	DATE	BY
OC	REVISED AS MARKED	NOV.12/13	MFF
OB	REVISED AS MARKED	OCT.08/13	SSE
OA	REVISED AS MARKED	AUG.30/13	SSE
O	RELEASED FOR FABRICATION	APR.11/13	MFF

NO.	REVISION	DATE	BY

PROJECT NAME: **FERRIER CENTRAL PROCESSING FACILITY**
 CLIENT: **DEVON CANADA c/o WORLEY PARSONS**
 DOCUMENT NAME: **MOLE SIEVE GAS DEHYDRATION PIPING AND INSTRUMENTATION DIAGRAM**

THERMO DESIGN ENGINEERING LTD. OIL & GAS PRODUCTION EQUIPMENT DESIGN, FABRICATION, INSTALLATION EDMONTON, ALBERTA, CANADA APERDA PERMIT NUMBER: P2900	P. ENG. STAMP: _____ _____ _____
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 TDE JOB NUMBER: **12-118**
 DOCUMENT NUMBER: **DFR-30-PR-PI-0004**