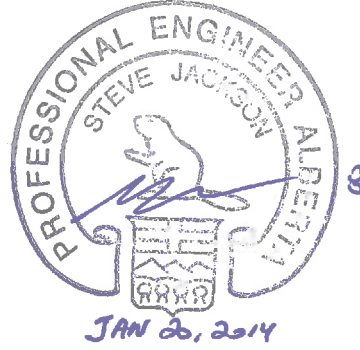
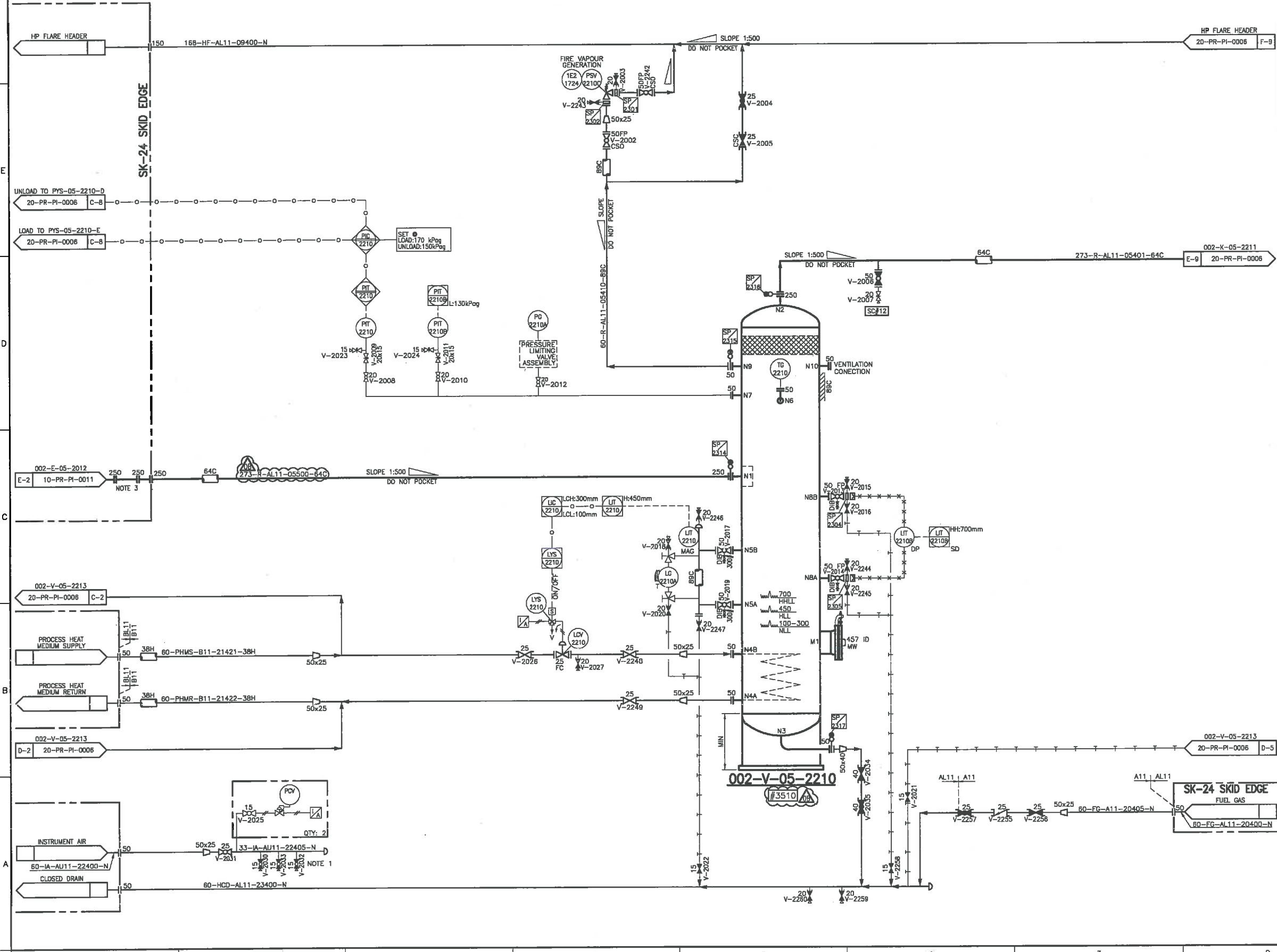



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002-V-05-2210
PROPANE REFRIGERANT SUCTION SCRUBBER
SIZE: 1067 mm ID x 2438 mm S/S
TYPE: VERTICAL, 2-PHASE
DESIGN: 1724 kPag @ 93/-45°C
C.A.: 1.6 mm

- GENERAL NOTES:**
1. EACH INSTRUMENT AIR BRANCH HEADER TO INCLUDE 2 SPARE VALVE CONNECTIONS AND AN ADDITIONAL VALVE AT THE END OF THE HEADER FOR BLOWDOWN.
 2. LOW POINT DRAINS/HIGH POINT VENTS ADDED WHERE REQUIRED.
 3. REMOVABLE SPOOL FOR INSTALLATION OF FUTURE ISOLATION VALVE. VALVE REQUIRED IF FUTURE COMPRESSION TRAIN IS ADDED. FUTURE VALVE TO BE CHAIN OPERATED (NO PLATFORM ACCESS PROVIDED).
 4. ALL INTERCONNECTING PIPING WITHIN SHALLOWCUT BATTERY LIMIT IS BY TDE.
 5. ALL INSTRUMENT SYMBOLS IN THIS PID TO BE PREFIXED BY 05.



OB	REVISED AS MARKED	NOV.06/13	MFF		
OA	REVISED AS MARKED	OCT.02/13	SSE		
0	RELEASED FOR FABRICATION	JUL.17/13	VV		
NO.	REVISION	DATE	BY		
ELECTRICAL:		I & VE:	CONTROLS:	PROCESS:	PROJECT:
PROJECT NAME:					
FERRIER CENTRAL PROCESSING FACILITY					
CLIENT:					
DEVON CANADA c/o WORLEY PARSONS					
DOCUMENT NAME:					
PROPANE REFRIGERATION COMPRESSION PIPING AND INSTRUMENTATION DIAGRAM					
 THERMO DESIGN ENGINEERING LTD. TDE thermodesign				P. ENG. STAMP:	
OIL & GAS PRODUCTION EQUIPMENT DESIGN • FABRICATION • INSTALLATION EDMONTON, ALBERTA, CANADA APECA PERMIT NUMBER: P2000					
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TDE JOB NUMBER:					
12-118					
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DFR-20-PR-PI-0005					
ITEM:		SHEET:		REV:	
				OB	