

C-3000
DE-ETHANIZER REBOILER
(B) PASS 60mm O.D. SCH 40 CONDENSATE COIL
D.P.: 2758 kPa @ -29/204°C + 1.5mm CA
(400 psig @ -20/400°F)
BUILT TO ASME B31.3

H-3000
DE-ETHANIZER BOTTOMS HEATER
762mm O.D. x 3658mm LG
(30" O.D. x 12'-0" LG)
219mm O.D. FIRETUBE
324mm O.D. x 3048mm LG STACK
250,000 BTU/HR FLAME ARRESTOR

A-8000
PRODUCT COOLER
ACE MODEL #E-32
HORIZONTAL AERIAL COOLER
D.P.: 2758 kPa @ -29/204°C + 1.5mm CA
(400 psig @ -20/400°F)
1 H.P., 1075 RPM, 1PH/60HZ/120 VAC TEFC MOTOR
DESIGN DUTY: 157,500 BTU/HR

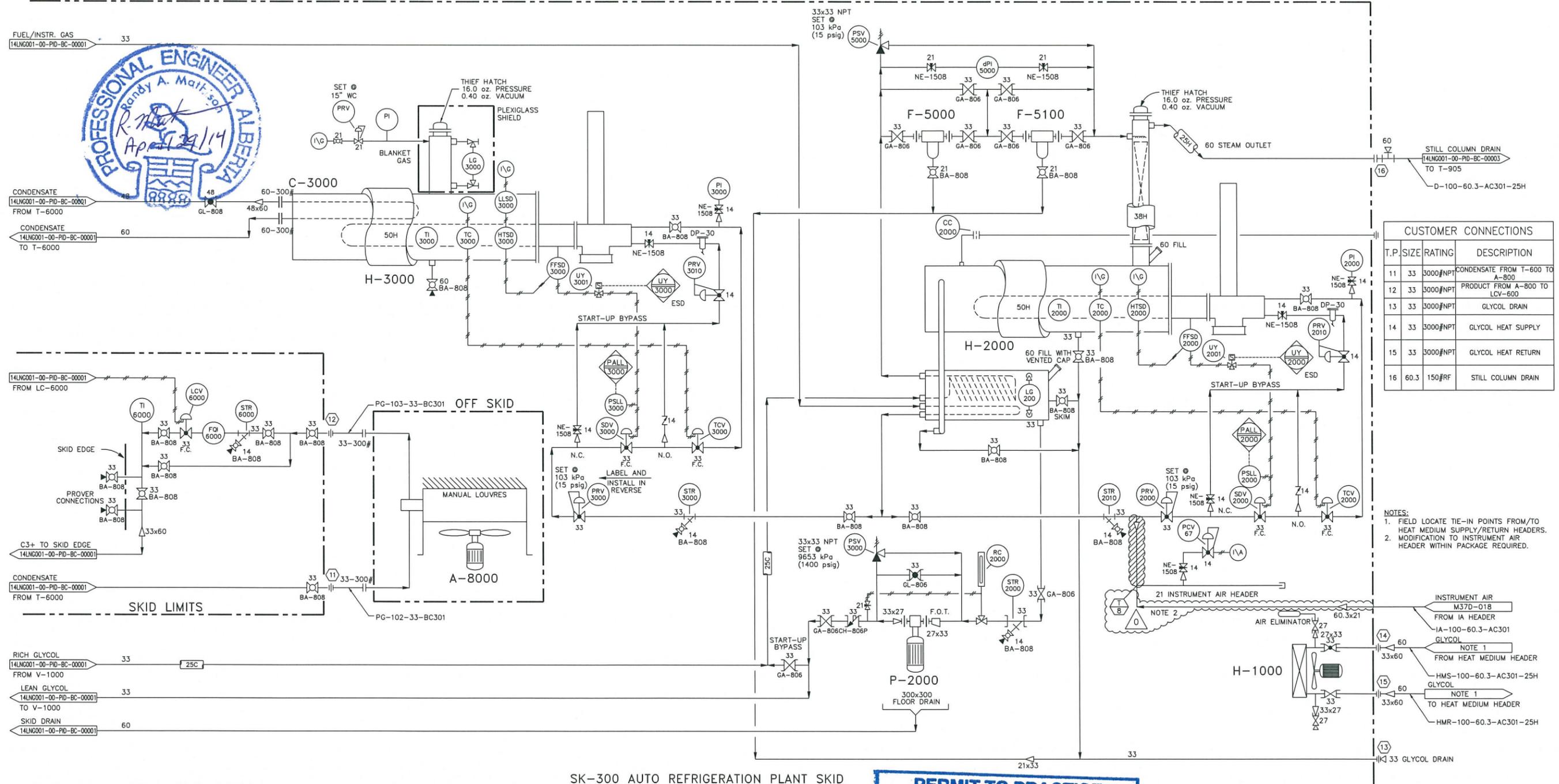
P-2000
GLYCOL INJECTION PUMP
(1) ROTOR-TECH GA-2 (OR EQUAL)
w/ 1 HP, 1800 RPM, 1PH/60HZ/120 VAC
V.P. ELECTRIC MOTOR
16.8 USGPH @ 9653 kPa (1400 psig)

F-5000
GLYCOL PARTICULATE FILTER
CUNO MODEL #1B1
c/w 25 MICRON ELEMENT

F-5100
GLYCOL PARTICULATE FILTER
CUNO MODEL #1B2
c/w CHARCOAL ELEMENT

H-2000
GLYCOL REBOILER
406mm O.D. x 1321mm LG REBOILER
406mm O.D. x 940mm LG SURGE
114mm O.D. FIRETUBE
168mm O.D. x 1524mm LG STILL COLUMN
100,000 BTU/HR FLAME ARRESTOR

H-1000
BUILDING UNIT HEATER
RUFFNECK #HP5-16
HEAT MEDIUM UNIT HEATER
36,900 BTU/HR
1/4 HP 19/60HZ/115-230 VAC MOTOR



CUSTOMER CONNECTIONS			
T.P.	SIZE	RATING	DESCRIPTION
11	33	3000#NPT	CONDENSATE FROM T-600 TO A-800
12	33	3000#NPT	PRODUCT FROM A-800 TO LCY-600
13	33	3000#NPT	GLYCOL DRAIN
14	33	3000#NPT	GLYCOL HEAT SUPPLY
15	33	3000#NPT	GLYCOL HEAT RETURN
16	60.3	150#RF	STILL COLUMN DRAIN

- NOTES:
- FIELD LOCATE TIE-IN POINTS FROM/TO HEAT MEDIUM SUPPLY/RETURN HEADERS.
 - MODIFICATION TO INSTRUMENT AIR HEADER WITHIN PACKAGE REQUIRED.

REF. DRAWING No.	REFERENCE DRAWING NAME	REV	DATE yy/mm/dd	REVISION DESCRIPTION	DRN	CHK	ENG	APP
		A	14/03/26	ISSUED FOR REVIEW	JMH	PL	RAM	VR
		0	14/04/29	ISSUED FOR CONSTRUCTION	JMH	PL	RAM	VR

PERMIT TO PRACTICE
RIDGELINE ENGINEERING INC.
Signature DJK
Date 29 Apr 2014
PERMIT NUMBER: P 11427
The Association of Professional Engineers,
Geologists and Geophysicists of Alberta

RIDGELINE ENGINEERING

LONG RUN EXPLORATION

SNIPE LAKE OIL BATTERY
JT SKID
LSD 07-04-71-18 W5M

PIPING AND INSTRUMENTATION DIAGRAM

DRAWN: JA Apr 21/14
CHECKED: BC Apr 29/14
ENG'D: RM Apr 29/14
APPROVED: VA Apr 29/14

SHEET SIZE: ANSI-D SCALE: NTS RLE PROJ: 14LNG001 DWG. No: 14LNG001-00-PID-BC-00002 CLIENT AFE: - REV: 0

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