

HEATER

750,000 BTU/HR INDIRECT LINE HEATER
36"OD X 10'-6"LG

COIL #1

2"-SCH.80, 6 PASS

DESIGN PRESSURE: 3375 PSIG
DESIGN TEMP.: 200°F/-20°F

C.A.: C

* RADIOGRAPHY: 5%

* PWHT: NO

COIL #2

2"-SCH.80, 6 PASS

DESIGN PRESSURE: 3375 PSIG
DESIGN TEMP.: 200°F/-20°F

C.A.: C

* RADIOGRAPHY: 5%

* PWHT: NO

FGS-100

FUEL GAS SCRUBBER

6 5/8"OD X 36"LG

DESIGN PRESSURE: 285 PSIG @ -20°/100°F

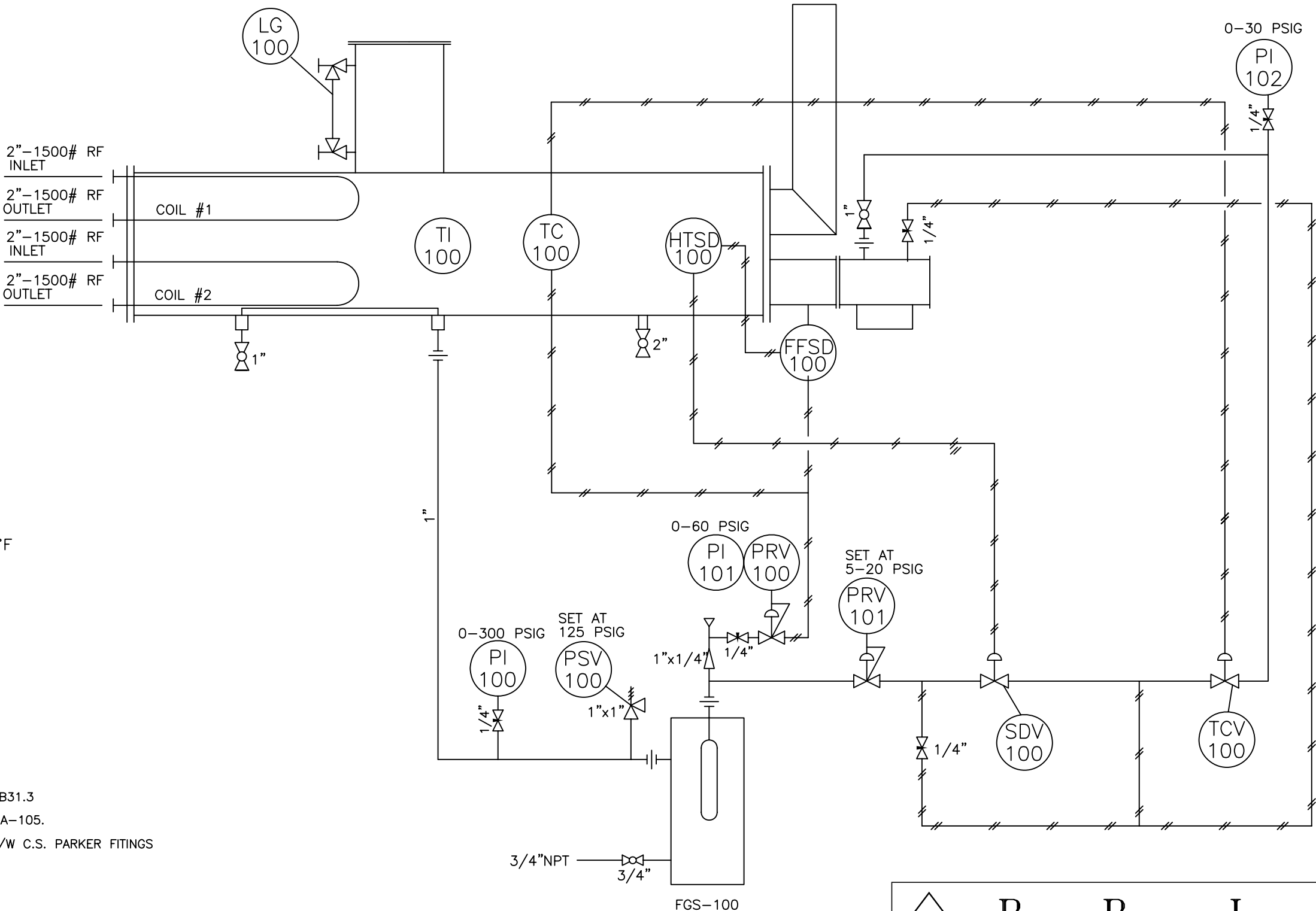
* C.A.: 0

PWHT: NO

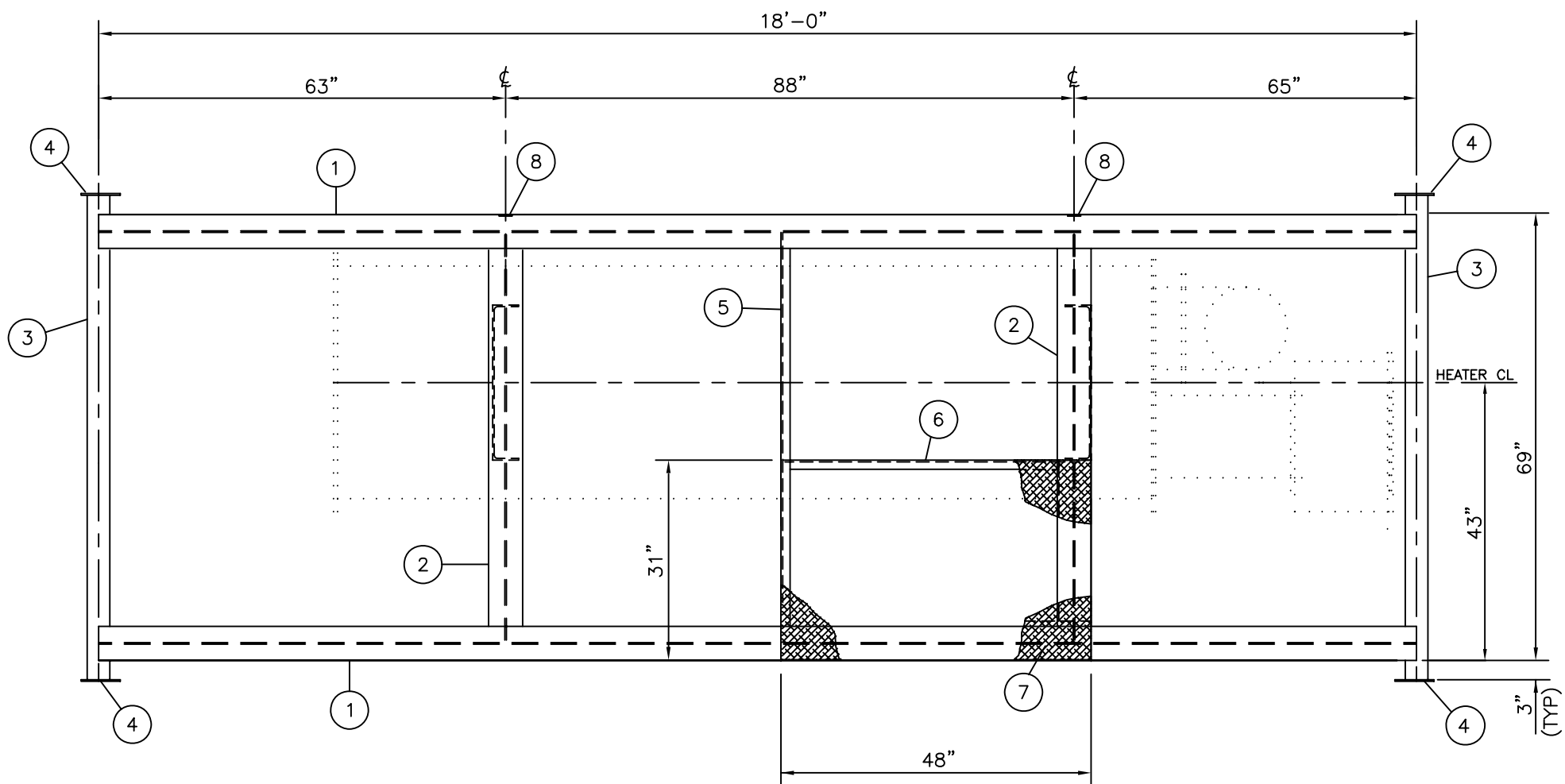
* OPTIONAL (SOUR SERVICE) – RADIOGRAPHY: 100%
– PWHT: 30 MIN @1150°F

NOTES

1. PIPING TO BE FABRICATED IN ACCORDANCE WITH ASME CODE B31.3
2. 1" PIPING TO BE A-106-B SCH.80, FITTINGS - 2000# NPT, A-105.
3. TUBING TO BE 3/8" & 1/2" ELECTRO GALVANIZED TUBING, C/W C.S. PARKER FITINGS
4. VALVES:
NPT BALL VALVES -MAS,
NPT NEEDLE VALVES - ANDERSON GREENWOOD
5. PAINTING:
SANDBLAST TO SSPC-SP6
ONE (1) COAT OF PRIMER
ONE COAT OF FINISH ENAMEL -PPL BLUE.
STACK- ONE (1) COAT OF HIGH TEMPERATURE BLACK
6. FILL VOLUME OF HEATER SHELL: 305 IMP. GALLONS
FILL VOLUME OF EXPANSION POT: 30.5 IMP. GALLONS
TOTAL COIL VOLUME: 2.6 Cu. Ft.
TOTAL WT (INCL. SKID,BLDG & INSUL.): 5454 LBS



							750,000 BTU/HR INDIRECT LINE HEATER 36" O.D. x 10'-6"LG PIPING AND INSTRUMENTATION DIAGRAM				
							CUSTOMER NAME		SCALE	DRAWING NUMBER	REV.
0	YR MO D		VI				STOCK				
NO.	DATE	REVISIONS	DRAWN	CHECK	DESIGN	APPR.	CUSTOMER DWG NUMBER		NTS	750STDHF	0
			DRAFTING		ENGINEERING						



BILL OF MATERIAL			
ITEM	QT'Y	DESCRIPTION	LENGTH
1	2	MAIN RUNNER W8 x 18#	216"
2	2	CROSS BEAM W6 x 15#	63 3/8"
3	2	ROLL BAR 4"-SCH. 40 PIPE	75"
4	4	ROLL BAR END PLATE 1/4" x 4 1/4" x 6" LG.	
5	1	CHANNEL C3 x 5.7#	63 3/8"
6	1	CHANNEL C3 x 5.7#	45"
7	1	3/16" CHCK'D PLATE 2'-7" X 4'-0"(10.3 SQ.FT)	
8	2	SUPPORT BAR 1/2" x 2" FB X 8"LG	

WT. 1090 LBS.



PRIORITY PROJECTS LTD.

1603-8 STREET, NISKU, ALBERTA T9E S7S
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750,000 BTU/HR INDIRECT LINE HEATER
5'-9" X 18'-0" SKID

0	YR MO D		SPB				
NO.	DATE	REVISIONS	DRAWN DRAFTING	CHECK ENGINEERING	DESIGN ENGINEERING	APPR.	

CUSTOMER NAME	SCALE	DRAWING NUMBER	REV.
CUSTOMER DWG NUMBER	NTS	750STDHS	0