

- NOTES:
1. PIPING TO BE FABRICATED IN ACCORDANCE WITH ASME CODE B31.3 EDITION 2002.
 2. 1" PIPING CLASS A A-106-B SCH.160, FITTINGS - 2000# NPT, A-105.
1" PIPING CLASS C A-106-B SCH.160, FITTINGS - 3050# NPT, A-105.
1" PIPING CLASS CL A-333-B SCH.160, FITTINGS - 3000# NPT, A-350LF2.
1" PIPING CLASS E A-333-B SCH.160, FITTINGS - 6000# NPT, A-350LF2.
 3. TUBING TO BE 3/8" ELECTRO-GALVANIZED, 1/4" (MLS) C/W GS SWAGelok FITTINGS.
 4. VALVES:
NPT BALL VALVES - NUTRON,
NPT NEEDLE VALVES - ANDERSON GREENWOOD
 5. PAINTING:
SANDBLAST TO SSPC-SP6
ONE (1) COAT OF PRIMER
ONE COAT OF FINISH DURETHANE 5000 - BLACK, HEATER WITH PIPING - GREY.
STACK - ONE (1) COAT OF HIGH TEMPERATURE BLACK
 6. FILL VOLUME OF HEATER SHELL: 930 IMP. GALLONS
FILL VOLUME OF EXPANSION POT: 140 IMP. GALLONS
TOTAL COIL VOLUME: 10.83 CU. FT.
TOTAL WT (INCL. SHD): 13050 LBS
 7. SHELL INSULATED WITH 2" AFS30 PLUS EMBOSSED ALUMINUM JACKET.
 8. INSTRUMENT ENCLOSURE FOR BURNERS CONTROLS.
 9. ELECTRICAL INSTALLATION SUPPLIED BY DEVON.
 10. EXTERIOR INSTRUMENTATION LINES TO BE RUN BETWEEN SHELL & INSULATION.
 11. BURNER VALVE TRAIN BUILT TO CSA B149.3.05 .

FOR SER# 6053-8, 6053-9 & 6053-10

H-1000
1,000,000 BTU/HR INDIRECT LINE HEATER
48"OD X 16'-0"LG

COIL #1
3"-SCH. 160, 6 PASS
DESIGN PRESSURE: 3375 PSIG
DESIGN TEMP.: 200°F/-20°F
C.A.: 1/18"
RADIOGRAPHY: 100%
PWHT: NO


COIL #2
3"-SCH. 80, 10 PASS
DESIGN PRESSURE: 1350 PSIG
DESIGN TEMP.: 200°F/-20°F
C.A.: 1/16"
RADIOGRAPHY: 100%
PWHT: NO

V-1100
FUEL GAS SCRUBBER
8 5/8"OD X 36"LG
DESIGN PRESSURE: 285 PSIG @ -20°/650°F
C.A.: 0.125"

BH-1900
SHED HEATER - SCOTTICAN
MODEL: HA-12-12
HEAT OUTPUT: 4000 BTU/HR
NATURAL GAS
12 VOLT START

PCV-100
WILLIS M2 ANGLE BODY CHOKE
2" CL1500 RTJ INLET X 3" CL1500 RTJ OUTLET
2 - 1/2" TUNGSTEN CARBIDE DISC
656-SIZE 60 ACTUATOR FAIL CLOSED 6-33 PSI

NO.	DATE	REVISIONS	DL	DRAWN	CHECK	DESIGN	APPR.
0	07 09 07	AS BUILT					



PRIORITY PROJECTS LTD.

1603-8 STREET, NISKU, ALBERTA T9E 57S
TELEPHONE: (780) 955-3320 FAX: (780) 955-2561

1,000,000 BTU/HR INDIRECT LINE HEATER - 48"ODx16'-0"LG
PIPING AND INSTRUMENTATION DIAGRAM
WINTER PROJECT

CUSTOMER NAME DEVON CANADA CORPORATION	SCALE NTS	DRAWING NUMBER 6053-102	REV. 0
CUSTOMER PO # FAC 051548 AFE 19214-190-195			