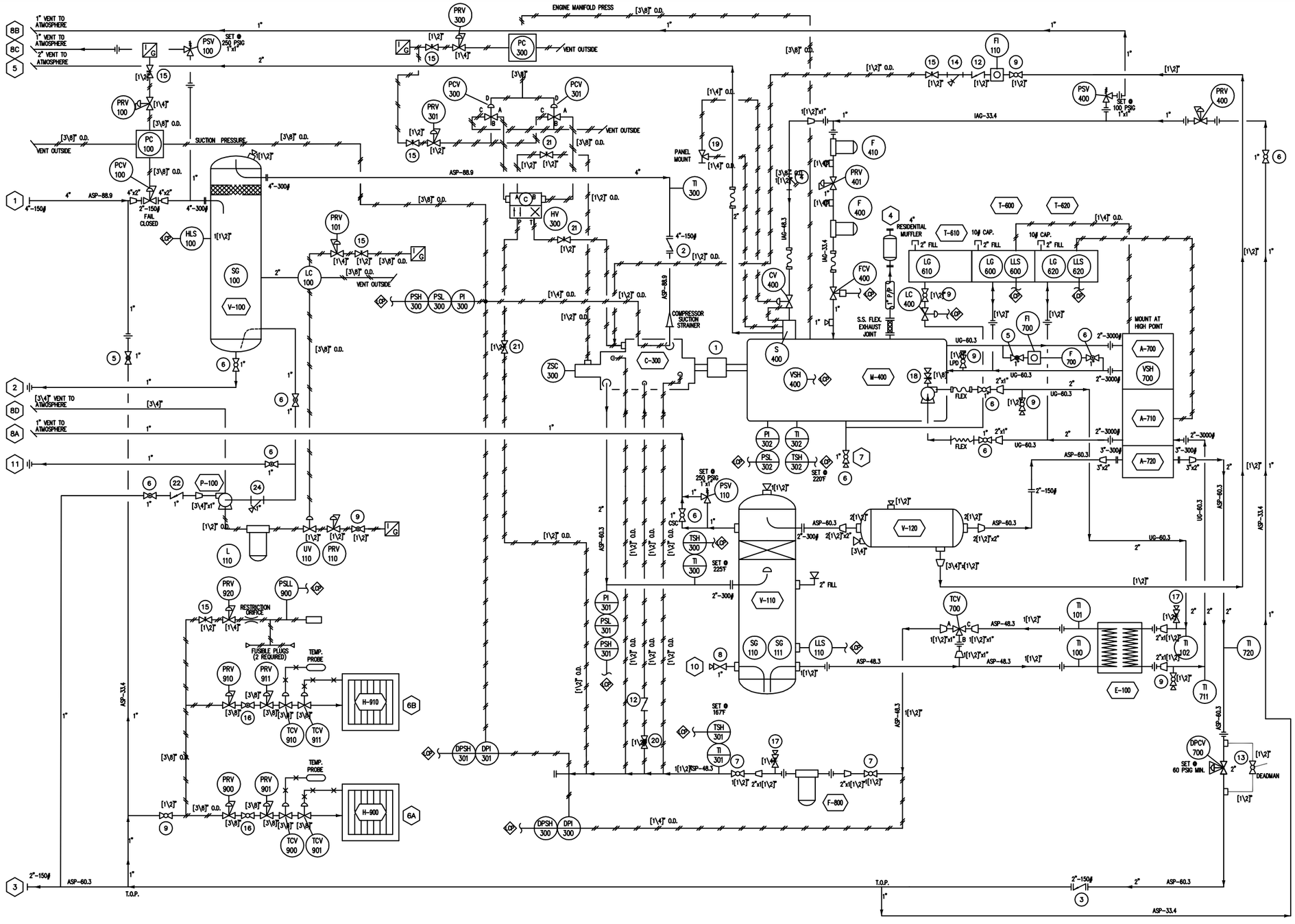

UNIT EQUIPMENT

A-700	ENGINE JACKET WATER COOLER; CSC MODEL L36S-TRAILER, DWP 14 PSIG @ 300'F
A-710	AUXILIARY GLYCOL COOLER; CSC MODEL L36S-TRAILER, DWP 14 PSIG @ 300'F
A-720	AFTER COOLER; CSC MODEL L36S-TRAILER, DWP 645 PSIG @ -20/350'F
C-300	COMPRESSOR; HOWDEN XRV-127 R5
CP	CONTROL PANEL; MURPHY MATIC INSTRINSICALLY SAFE CLASS 1, DIVISION 1
E-100	OIL COOLER; FLATPLATE 10x20-24 PLATE EXCHANGER, DWP 300 PSI @ 350'F
F-410	FUEL GAS FILTER; PARKER 8208
F-700	EJW FILTER; FSI FSP35
F-800	OIL FILTER; PARKER MODEL 80CN-210BN25F1F111, 10 MICRON, DWP 1000 PSIG @ -40/225'F
H-900	UNIT HEATER; CATA/DYNE 24000 BTU/HR 12V
H-910	UNIT HEATER; CATA/DYNE 18000 BTU/HR 12V
M-400	ENGINE; CAT 3304 NA
P-100	SCRUBBER DUMP PUMP; HYDRA-CELL D10 PNEUMATIC DRIVE
T-600	EJW GLYCOL EXPANSION TANK; CAPACITY 5 US GAL
T-610	ENGINE OIL DAY TANK; CAPACITY 5 US GAL
T-620	COMPRESSOR GLYCOL EXPANSION TANK; CAPACITY 5 US GAL
V-100	SUCTION SCRUBBER; 12" O.D. x 6'-0" O/A DWP 350 PSIG @ DWT -20/300'F
V-110	OIL SEPARATOR; 16" O.D. x 7'-0" O/A DWP 350 PSIG @ DWT -20/250'F
V-120	COALESCING OIL SEPARATOR; CHIL-CON MODEL No. COS-070, DWP 400 PSIG @ -20/400'F

NOTES

1) TUBING TO BE [1\4]" O.D. 304 SST MINIMUM & FITTINGS TO BE MINIMUM CAD PLATED SWAGELOK FTGS. [C\W] S.S. FERRULES.
2) GLYCOL PIPING AND OTHER PIPING TO BE WELDED WHERE POSSIBLE.
   OIL PIPING TO BE PICKLED AFTER COALESCING FILTERS.
3) ALBERTA QUALTY CONTROL PROGRAM REGISTERED – AQP-1332.
4) PIPING AND FITTINGS: STARTEC SPECIFICATION
   LINE CLASSES:
   OIL SYSTEM & MAIN PROCESS 150# ANSI RATING – ASP.
   GLYCOL UTILITY – UG.
   INSTRUMENT AIR GAS UTILITY – IAG.
   ALL TUBING AS PER LINE CLASS.
5) ALL TEMPERATURE INDICATORS [3\4]" NPT.

LEGEND

- BALL VALVE
- GATE VALVE
- GLOBE VALVE
- NEEDLE VALVE
- CHECK VALVE
- BUTTERFLY VALVE
- ANGLE VALVE
- TUBING

CUSTOMER CONNECTIONS

1	INLET	4" – 150#
2	HYDROCARBON LIQUID DRAIN	1" – 3000# NPT –MANUAL
3	OUTLET	2" – 150#
4	ENGINE EXHAUST	4" – 150# [C\W] RAIN CAP
5	STARTER EXHAUST	2" – PIPE [C\W] BIRDSCREEN
6A/B	HEATER	12V DC [C\W] CABLE
7	ENGINE OIL DRAIN	1" – NPT
8A/B/C	FLARE	1" – PIPE
8D	FLARE	3/4" – PIPE
9	COMPRESSOR OIL FILL	2" – NPT
10	COMPRESSOR OIL DRAIN	1" – NPT

SYSTEM DWP 250 PSIG @ DWT -20/230'F

REFERENCE DRAWINGS

DWG. NO	DESCRIPTION	DWG. NO.	DESCRIPTION
W0940-2A	GENERAL ARRANGEMENT		
W0940-2B	ELEVATION – SIDE VIEW		
W0940-2C	ELEVATION – END VIEW		
W0940-3	SUB-BASE & DETAILS		
W0940-4	STEEL BASE		

REVISIONS

NO.	DATE	BY	AP'D.	DESCRIPTION	ISSUE
0	04/08/19	CMA		FOR CONSTRUCTION	
1	04/09/09	CMA		AS BUILT	

NO.	DATE	BY	AP'D.	DESCRIPTION	ISSUE

SHIPPING WEIGHT

SANDBLAST

PRIMER

PAINT

Startec REFRIGERATION SERVICES LTD.

DRAWN ACAD/ STARTEC	DATE 03-09-11
CHECKED	DATE
ENG. APP'L.	DATE
PROD. APP'L.	DATE
JOB NO. SGC-0322	

CUSTOMER/PROJECT/LOCATION
STARTEC STOCK

TITLE
NATURAL GAS COMPRESSOR PACKAGE
HOWDEN XRV 127 R6 & CAT G3304NA
P. & I.D.

SCALE N.T.S. | DRAWING NO. SGC0322-1 | REV. 1

NAME: W0827-1.dwg,DWG DATE: MAR 27, 2003 TIME: 9:44 AM