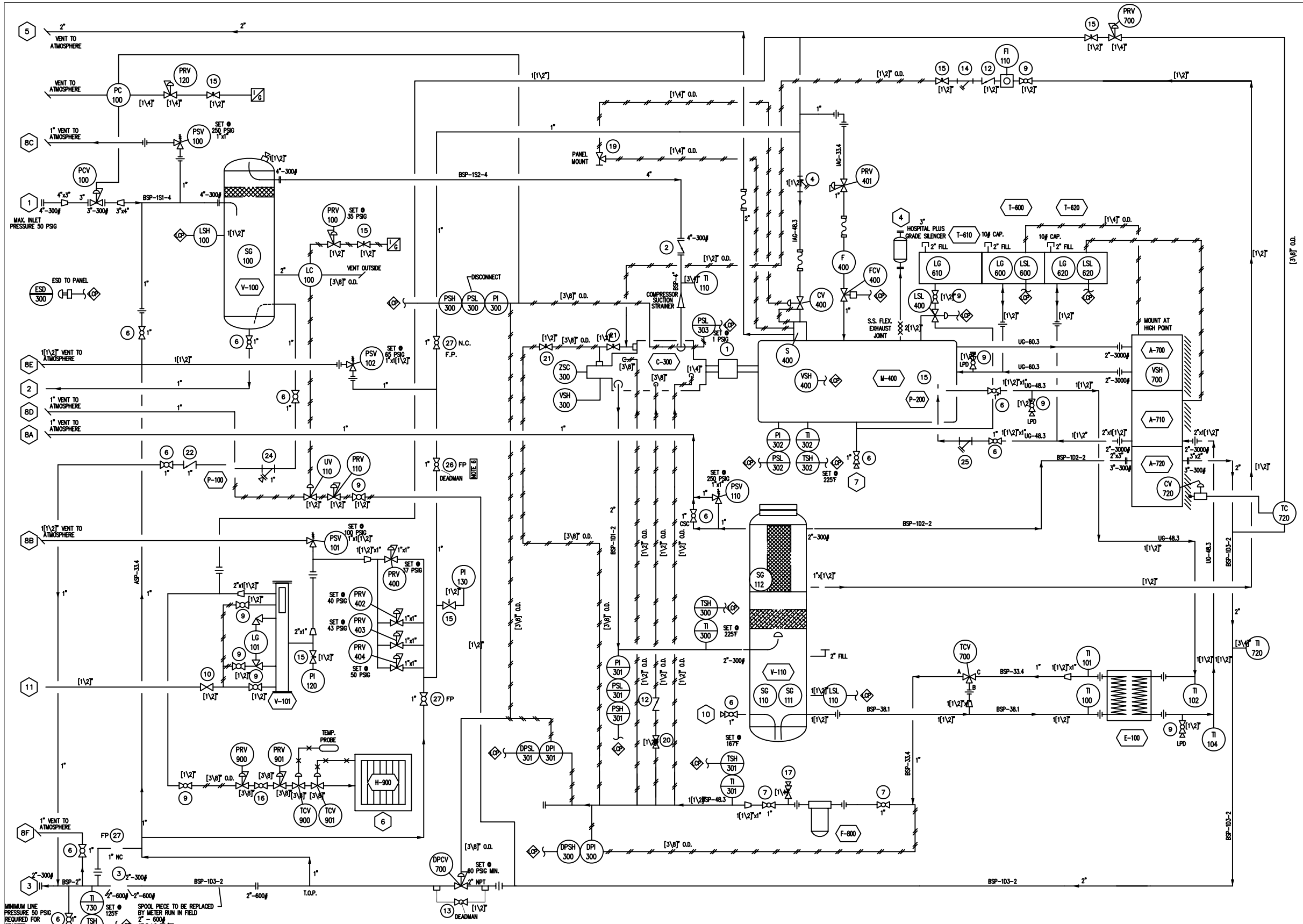

UNIT EQUIPMENT

A-700	ENGINE JACKET WATER COOLER; CSC MODEL L36S DWP 14 PSIG @ 300°F
A-710	AUXILIARY GLYCOL COOLER; CSC MODEL L36S, DWP 14 PSIG @ 300°F
A-720	AFTER COOLER; CSC MODEL L36, DWP 400 PSIG @ -20/350°F C/W AUTO LOUVERS
C-300	COMPRESSOR; HOWDEN ROTARY SCREW 127/R5 C/W R6 GEAR SET
CP	CONTROL PANEL; MURPHY TIDJ INSTRINSICALLY SAFE CLASS 1, DIVISION 2
F-800	OIL FILTER; PARKER MODEL 40CN, MAOP 800 PSIG
M-400	ENGINE; ARROW VRG 330 60 HP @ 1800 RPM
T-600/T-620	STARTEC PARTITIONED DAY TANK - FOR ENGINE JACKET WATER/ AUX. GLYCOL - 10/10 USG
T-610	ENGINE OIL EXPANSION TANK; CAPACITY 20 US GAL.
V-100	SUCTION SCRUBBER; 12" O.D. x 4'-2" S/S DWP 350 PSIG @ DWT -20/300°F
V-101	FG FILTER 6.625" O.D. x 6'-4" O/A VERTICAL DWP 165 PSIG @ DWT -20F/120°F
V-110	OIL SEPARATOR; 16" O.D. x 7'-6" S/S VERTICAL DWP 400 PSIG @ DWT -20/300°F (ONE FILTER)
H-900	UNIT HEATER; CATADYNE 18000 BTU/HR
E-100	HEAT EXCHANGER, FLATPLATE, FPA10x20
P-100	SCRUBBER DUMP PUMP; SAND PIPER GIFBIABTXNSX00 DIAPHRAM PUMP
P-200	PACO PUMP; MODEL NO. 11-10707-133 L01 1HP @ 1750 RPM

NOTES

1) SYSTEM DWP 350 PSIG @ DWT -20/230°F
2) PIPING & FITTINGS:
   2" & LARGER - SCH.40, SMLS, A-106B; FITTINGS A234 WPB BUTTWELD; FLANGES A105.
   1[1\2]" & SMALLER - SCH 80, SMLS, A-106B; FITTINGS 3000# F.S. A105 S.W. OR SCR'D.
3) TUBING & FITTINGS TO BE MIN. [1\4]" O.D. CAD. PLATED FTGS. C/W S.S. FERRULES.
4) ALBERTA QUALITY CONTROL PROGRAM REGISTERED - AQP-1332.
5) 3" CONTAINMENT DRIP LIP SURROUNDING THE SKID PERIMETER REQ'D
6) LOCATE DEADMAN CLOSE TO STARTER BUTTON. OPEN DEADMAN ONLY FOR START-UP WHEN SUPPLY PRESSURE IS LESS THAN 60 psi.

LEGEND

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

CUSTOMER CONNECTIONS

1	INLET	4" - 300#
2	HYDROCARBON LIQUID DRAIN	1" - 3000# NPT -MANUAL
3	OUTLET	2" - 300#
4	ENGINE EXHAUST	3" - 150# [C\W] RAIN CAP
5	STARTER EXHAUST	2" - PIPE [C\W] BIRDSCREEN
6	HEATER	12V DC [C\W] CABLE
7	ENGINE OIL DRAIN	1" - NPT 3000#
8 A/B/C/D/8/F	FLARE	1" - PIPE
8B/8E	FLARE	1[1\2]" - PIPE
9	COMPRESSOR OIL FILL	2" - NPT 3000#
10	COMPRESSOR OIL DRAIN	1" - NPT 3000#
11	FUEL GAS SCRUBBER DRAIN	[1\2]" 3000# NPT C/W PLUG

REFERENCE DRAWINGS

DWG. NO	DESCRIPTION	DWG. NO.	DESCRIPTION
SGC0421-2	GENERAL LAYOUT		
SGC0421-3	STEEL		

REVISIONS

NO.	DATE	BY	AP'D.	DESCRIPTION	ISSUE
0	04/10/21	CMA		FOR CONSTRUCTION	
1	04/12/14	CMA		MINOR REVISIONS	
2	04/12/22	CJM		AS BUILT	

SHIPPING WEIGHT

SANDBLAST

PRIMER

PAINT

DRAWN ACAD/ STARTEC	DATE 04-10-21
CHECKED	DATE
ENG. APP'L.	DATE
PROD. APP'L.	DATE
JOB NO. SGC0421	

Startec REFRIGERATION SERVICES LTD.

CUSTOMER/PROJECT/LOCATION
RESPONSE ENERGY CORP.
NATURAL GAS COMPRESSOR PACKAGE

TITLE
HOWDEN XRV 127 R6 - VRG 330 ARROW
P. & I.D.

SCALE N.T.S. | DRAWING NO. SGC0421-1 | REV. 2