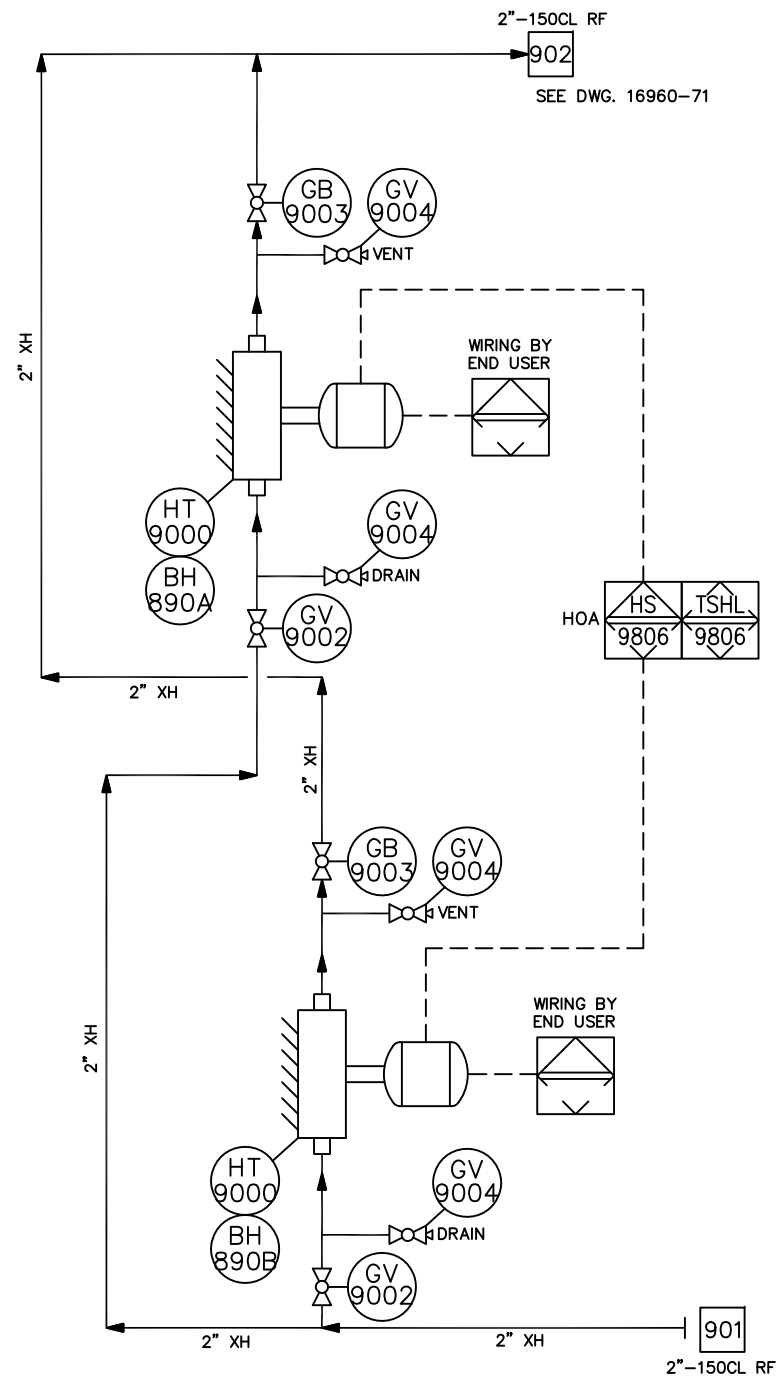
BH-980 A/B
BUILDING HEATER
115 HP, 230VAC/1/60 HZ



BILL OF MATERIAL

NOTE: ITEM No. = FIRST DIGIT (DWG REF.), LAST TWO DIGITS (item No.)

ITEM	PART NO.	QTY.	DESCRIPTION
9000/	804385	2	HEATER, ASSEMBLY, RUFFNECK MODEL:HP3-12-A1A1-2A, 115/230VAC/1/60
TS-8906			
9002	803696	2	GATE VALVE,2"-800CL NPT, STD BODY, STD TRIM, NEWCO (18T-FS2)
9003	803697	2	GLOBE VALVE,2"-800CL NPT, A105 BODY, STD TRIM, NEWCO (28T-FS2)
9004	700196	4	VALVE, BALL, 1" NPT, RP, 2000# WOG, 316SS BODY, NACE TRIM,
			LOCKING HANDLE, NAVCO (C1R10S20A)

CUSTOMER CONNECTIONS

TAG	DESCRIPTION	SIZE/(VOLTAGE)	TAG	DESCRIPTION	SIZE/(VOLTAGE)
901	HEATER WATER INLET	2"-150CL RF			
902	HEATER WATER OUTLET	2"-150CL RF			

GENERAL NOTES

1. PROCESS INSTRUMENT LINES: 316SS 0.065" WALL TUBING c/w SWAGELOK 316SS FITTINGS w/ 316SS BACK FERRULE & 316SS FRONT FERRULE UNLESS OTHERWISE NOTED
2. UTILITY INSTRUMENT LINES: 316SS 0.065" WALL TUBING c/w SWAGELOK 316SS FITTINGS w/ 316SS BACK FERRULE & 316SS FRONT FERRULE UNLESS OTHERWISE NOTED
3. INSTRUMENT MEDIUM: CLEAN, DRY AIR
4. ALL PROCESS PIPING TO BE PER ENCANA PIPING SPEC. ECA-L-3 FOR SOUR SERVICE. EXTERIOR PIPING / FITTINGS TO BE FABRICATED USING LOW TEMP MATERIALS.
5. ALL FITTINGS FOR SOUR PIPING LESS THAN OR EQUAL TO 1-1/2" TO BE SW. 2" PIPING OR GREATER TO BE FLANGED.
6. CORROSION ALLOWANCE: 1/8" (0.125") (PROCESS ONLY)
7. AREA CLASSIFICATION: CLASS 1, ZONE 2 (FE STUDY BY NGC)
8. VENT TO SAFE AREA. "SAFE AREA" SHALL BE AN AREA OUTSIDE ENCLOSURE. VENTS SHALL BE DIRECTED TO AVOID RECIRCULATION INTO THE BUILDING VIA VENTS, INGESTION INTO THE ENGINE AIR INTAKE OR IMPINGEMENT, ON ANY HOT SURFACES (IE. SILENCERS, CATALYTIC CONVERTERS,ENGINE EXHAUST PIPING, ETC.)
9. SURFACE PREP: SSPC-SP2 (ALL PROCESS VESSELS & SPOOLS TO BE PICKLED) PRIMER: CLOVERDALE T101QD FINISH: CLOVERDALE F34 INDUSTRIAL ENAMEL (WARM GREY)
10. PROCESS HARDWARE: STUDS: B7M NUTS: 2HM GASKETS: FLEXITALLIC FLEXICARB (GREY STRIPE)

AS BUILT

BY:

DATE:

THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. REPRODUCTION OR DISTRIBUTION IN WHOLE OR PART WITHOUT THE WRITTEN PERMISSION OF NGC COMPRESSION SOLUTIONS IS STRICTLY PROHIBITED.

REV.	BY	CHK'D	REVISION DESCRIPTION	DATE
1	MER	SZ	AS-BUILT	25-NOV-10
0	MER	SZ	ISSUED FOR FABRICATION	07-JUN-10
A	MER	AH	ISSUED FOR APPROVAL	30-DEC-09

NGC COMPRESSION SOLUTIONS

TITLE: BUILDING HEATER SYSTEM SCHEMATIC
ARIEL JGA/2; BALDOR 50HP; AXC 32EH
3 STAGE, 0-5% SOUR NATURAL GAS COMPRESSOR PACKAGE

END USER/CONSULTANT: ENCANA CORPORATION

CUST. P.O. No.:

LOCATION: SATURN PHASE II, BC
LSD: 09-27-079-17 W6M

REVISION: 1

DWG. REFERENCE: –

DRAWN:	MER	W.O. No.	16960-NC
DATE:	30-DEC-09	UNIT No.	–
CHK'D:	SZ	No. REQ'D:	ONE (1)
PROJ. MGR.	SZ	SCALE:	N.T.S.

DWG. No. 16960-90
(SHEET 1 OF 1)