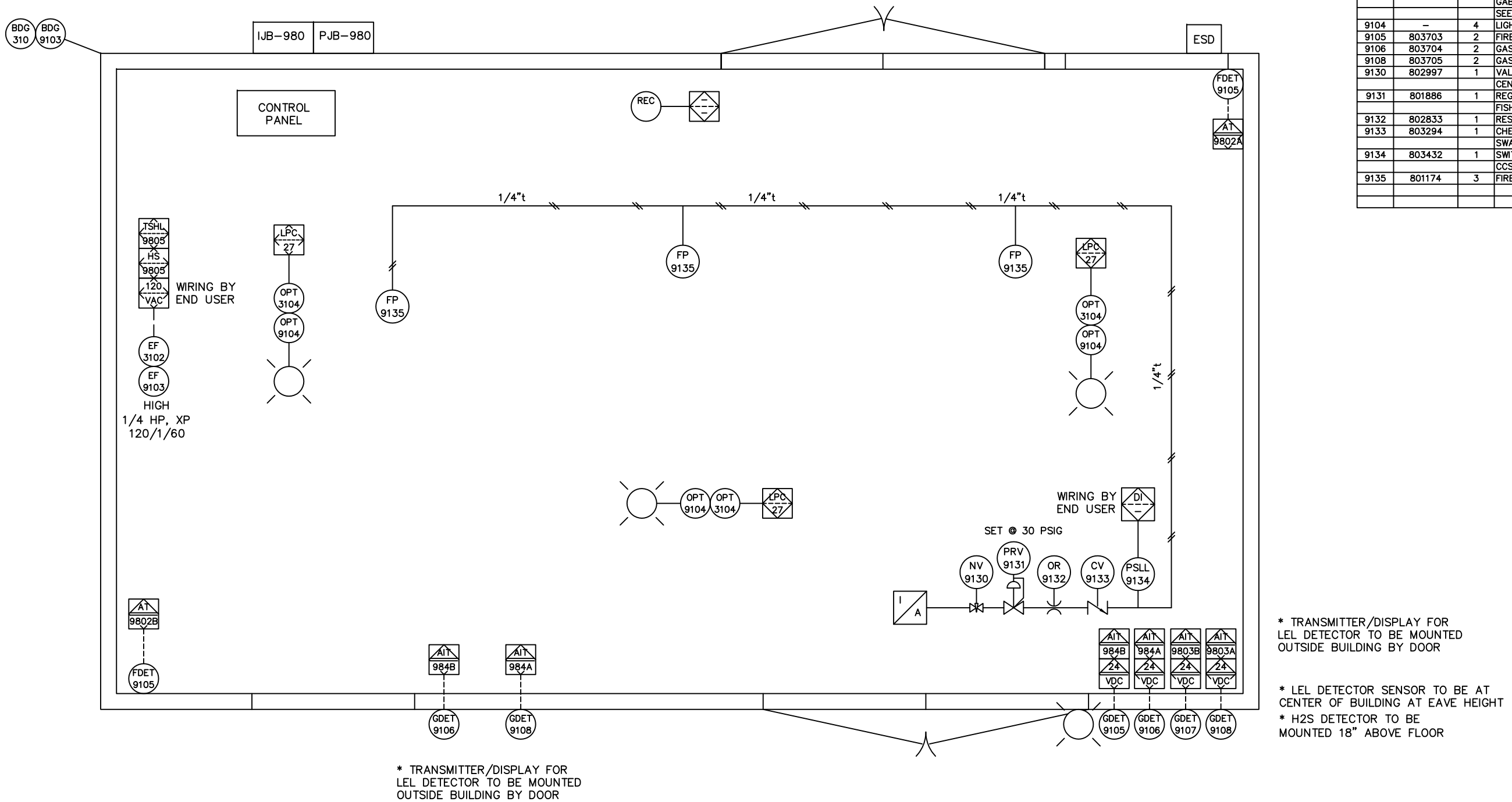

BILL OF MATERIAL

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

ITEM	PART NO.	QTY.	DESCRIPTION
9103	–	1	BUILDING, 14' W x 20' L x 9' EAVE, SELF FRAMING,
			GABLE STYLE ROOF, 4:12 SLOPE,
			SEE VENDOR DRAWING FOR ADD'L DETAILS
9104	–	4	LIGHTING, 120 VAC, CLASS 1, DIV. 1, (2) 70W HPS, (2) 100W MH
9105	803703	2	FIRE DETECTOR, UV/IR, GENERAL MONITORS (FL3100)
9106	803704	2	GAS DETECTOR, COMBUSTIBLE, LEL, GENERAL MONITORS (S4000C)
9108	803705	2	GAS DETECTOR, H2S, GENERAL MONITORS (S4000T)
9130	802997	1	VALVE, NEEDLE, 0.25 MXF NPT, 6000 PSIG WP, STD TRIM,
			CENTURY (CM23M22TBV)
9131	801886	1	REGULATOR, INST SUPPLY, 0–35PSI RANGE, VENTED BONNET,
			FISHER 67CFR–362–SC
9132	802833	1	RESTRICTION ORIFICE, 1/4" NPT MXF, ORIFICE SIZE 0.031", CV 0.020, AMOT
9133	803294	1	CHECK VALVE, 1/4"T X 1/4"T, 1 PSIG CRACKING PRESSURE, SS,
			SWAGELOK, SS–CHS4–1
9134	803432	1	SWITCH, PRESSURE, 9–75 PSI ON INCREASE, 3.69 PSI ON DECREASE,
			CCS (6900GZE14)
9135	801174	3	FIRE, FUSIBLE PLUG, SWAGELOK, 255F

CUSTOMER CONNECTIONS

TAG	DESCRIPTION	SIZE/(VOLTAGE)	TAG	DESCRIPTION	SIZE/(VOLTAGE)

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 T1010D FINISH: CLOVERDALE F34 INDUSTRIAL ENAMEL (WARM GREY)
10. PROCESS HARDWARE: STUDS: B7M NUTS: 2HM GASKETS: FLEXITALLIC FLEXICARB (GREY STRIPE)

AS BUILT

BY: _____

DATE: _____

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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/INST/ELEC 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. 16960–91
(SHEET 1 OF 1)