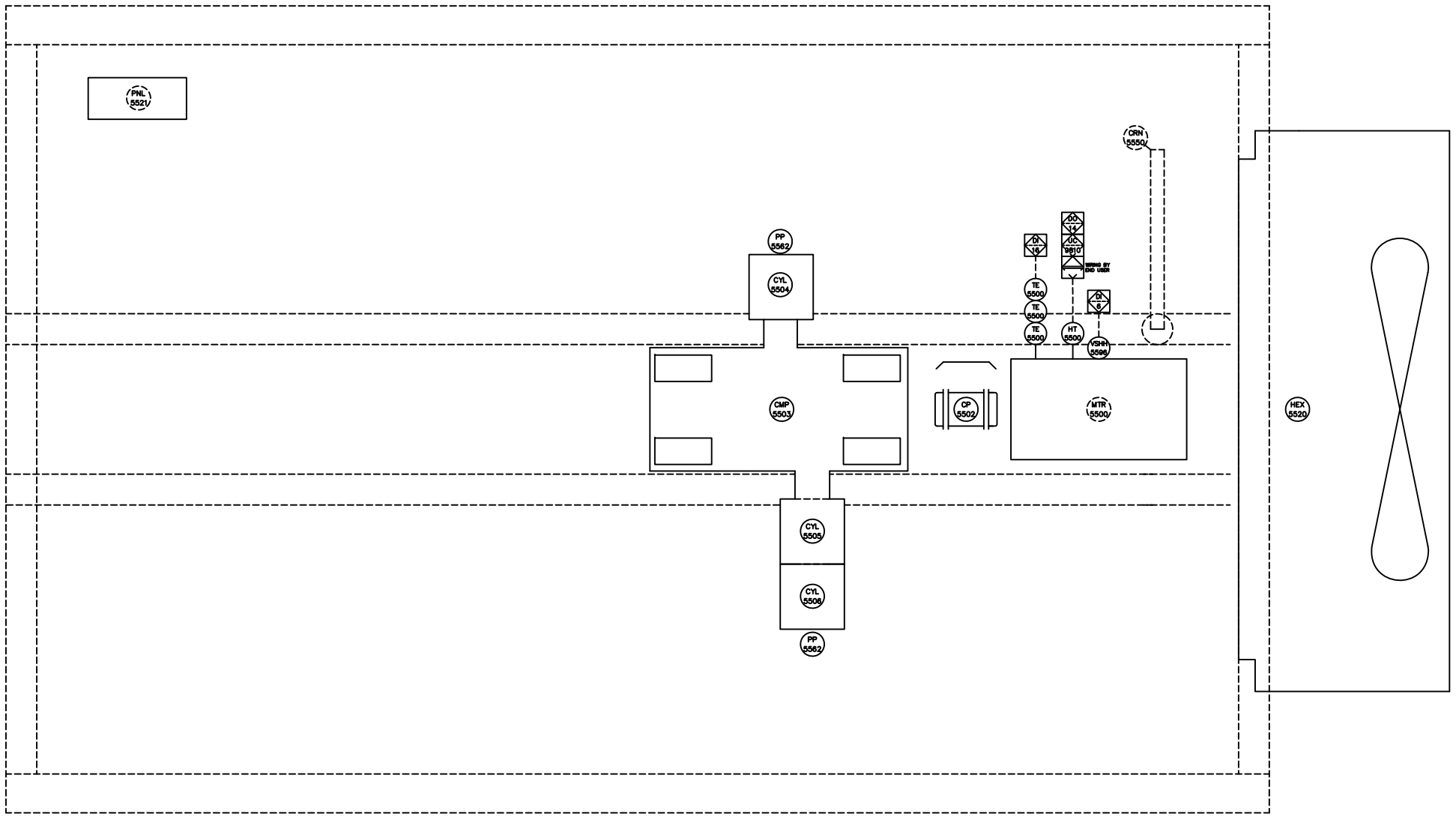

BILL OF MATERIAL

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

ITEM	PART NO.	QTY	DESCRIPTION
5500		1	ELECTRIC MOTOR, BALDOR, 50 HP, TEFC.
			575V, 3P, 60HZ
5502a	804405	1	COUPLING, FLANGE, SURE–FLEX, 10SMPB, –10SX1–1/8,
			MACHINE FINISHED BORE 2.1228" C/W 1/2"X 1/2"
			KEYWAY
5502b	804406	1	COUPLING, FLANGE, SURE–FLEX, 10SMPB, –10SX1–1/8,
			MACHINE FINISHED BORE 2.6218" NO KEYWAY
5502c	804407	1	COUPLING, SLEEVE, 10H HYTREL, SUREFLEX,
5503		1	FRAME, ARIEL JGA/2 (S2C)
			S/N: TBA
5504		1	CYLINDER, ARIEL, 4–1/8" JG, 3.875"BORE, 1270PSIG MAWP
			S/N: TBA
5505		1	CYLINDER, ARIEL, 8–7/8" JG–CE, 8.500" BORE,
			375PSIG MAWP, S/N: TBA
5506		1	CYLINDER, ARIEL, 4–1/8" JG, 3.875" BORE,
			1125PSIG MAWP, S/N: TBA
5520		1	COOLER, AXC 32EH
			S/N: 095933
5521		1	PANEL, CONTROL, SPARTAN REMVue 500
			S/N: 23581
5550	803512	1	JIB CRANE, WELDMENT, DAVIT STYLE, 94" TO UNDERSIDE
			OF BOOM X 80"LG, UCANU# 222640
5562		1 LOT	PURGE PACKING OPTION, ARIEL
5596	802224	1	SWITCH, VIBRATION, MURPHY, ENTELLA
			APPROVED, MODEL: VS2–E
5597	802224	1	SWITCH, VIBRATION, MURPHY, ENTELLA
			APPROVED, MODEL: VS2–E

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 T101QD 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
2	MER	SZ	AS–BUILT	25–NOV–10
1	MER	SZ	UPDATE BOM	28–JUL–10
0	MER	SZ	ISSUED FOR FABRICATION	07–JUN–10
A	MER	AH	ISSUED FOR APPROVAL	30–DEC–09

NGC COMPRESSION SOLUTIONS

TITLE: MAJOR EQUIPMENT/STRUCTURAL 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: 2

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. 16960–55
(SHEET 1 OF 1)