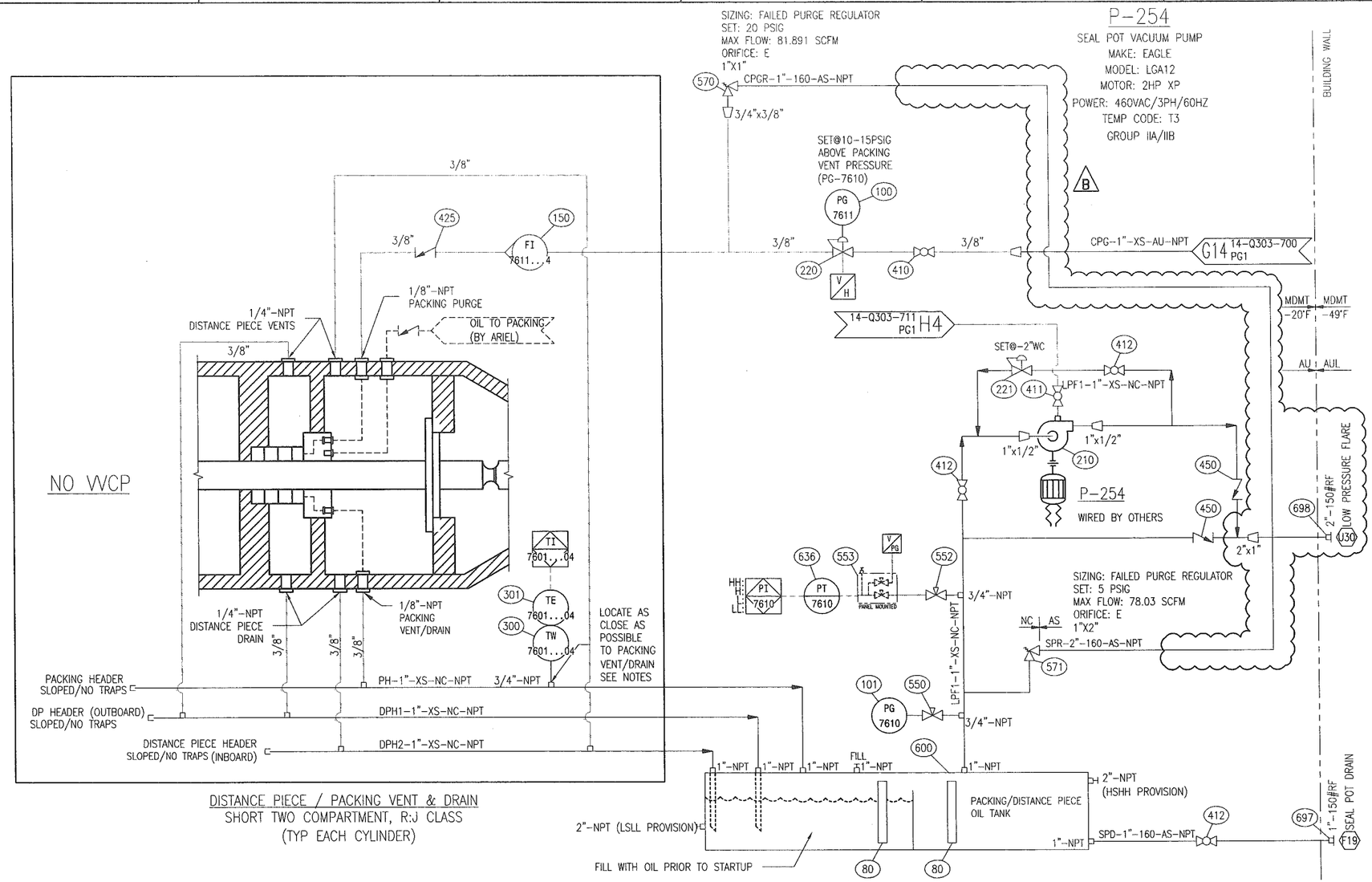

DISTANCE PIECE / PACKING VENT & DRAIN
SHORT TWO COMPARTMENT, R:J CLASS
(TYP EACH CYLINDER)

BILL OF MATERIALS

MK	QTY	PART NUMBER	DESCRIPTION
80	2	TNK-217	GAUGE, LEVEL, TANK, ALUMIMUM MFG: NORCAN FLUID POWER MODEL:
			YB4353-0900
100	1	PI-1015	IND, PRESS, 0-60PSI, 2-1/2"DIAL, 1/4"NPT, CBM, SS MFG: WIKA
			MODEL: 233.53.2.5".1/4CBM.60PSI/KPA
101	1	PI-1031	GAUGE, PRESSURE, -14.7-30PSIG/kPaG, 4-1/2" DIAL, 1/2"-MNPT
			BOTTOM MOUNT, BURST:1175PSIG@100F, LIQUID-FILLED, CASE:POCAN,
			TRIM:316L SS, SOUR, C BOURDON MFG: WIKA MODEL: 233.34
150	4	FMR-1012	FLOW METER, 1/4" NPT, 290 PSI MAWP, 2.-30 SCFH, ACRYLIC BODY
			MFG: KYTOLA INSTRUMENTS MODEL: LH-VK30
210	1	PMP-306	CMPR, VACUUM, 1/2"-NPT, 2 HP, 1725 RPM, 230-460/3/60 XP MFG:
			EAGLE MODEL: LGA-12-2-18-3
220	1	PRV-020	REGULATOR, 1/4"-FNPT, 0-35 PSIG RANGE, THREADED BONNET MFG:
			FISHER MODEL: 67CFR-362/SC/20
221	1	PRV-Y690VB	VALVE, VACUM BREAKER, 1"-NPT, SOUR MFG: FISHER MODEL:
			Y690VB-11/P1/SPEC
300	4	TOW-1084	THERMOWELL, TAPERED, 3/4"-MNPT X 1/2"-FNPT, 1.38" U, 2.75"
			OAL, 0.26" BORE, MAWP:7038PSIG@300°F, BODY:316 SS, SOUR MFG:
			WESTERN GAUGE MODEL: 3/4-025-316T
301	4	TCP-1030	THERMOCOUPLE, K, SINGLE ELEMENT, PLAIN, 4" PROBE, 0.125" OD,
			5FT LEAD, STD MALE/FEMALE 2 PIN, SS OVERBRAIDED MFG: THERMO
			KINETICS MODEL: 114007
410	1	BV-1086	VALVE, BALL, 3/8"-NPT, CL6000, FP, 3PCS, FL, SWT MFG: JAG
			MODEL: T3-F03T25BZ
411	1	BVS-0020	VALVE, BALL, 1/2"-NPT, CL1500, FP, 3PCS, FL, NACE MFG: JAG
			MODEL: T3-F05T15N
412	3	BVS-0025	VALVE, BALL, 1"-NPT, CL1500, FP, 3PCS, FL, NACE MFG: JAG MODEL:
			T3-F10T15N
425	4	ICT-036S	VALVE CHECK BALL 3/8"-TUBE 1-PSI MFG: SWAGELOK MODEL: SS-CHS6-1
450	2	SCF-1024	VALVE, CHECK, SWING, 1"-FNPT, CL800, BODY:A105, SEAT:A479-410
			SS, TRIM:CR13 HF, SPRING:A479-316 SS, NACE0175 MFG: NEWCO
			MODEL: 38T-FS2-NC-1"
550	1	NVS-026FN	VALVE, NEEDLE, 1/4"F X 1/4"F, NPT, 6000#, SOUR MFG: CENTURY
			MODEL: CM21F22TDNT
552	1	NVS-1003	VALVE, NEEDLE, 3/4"M X 3/4"F, NPT, 6000#, NACE MFG: CENTURY
			MODEL: CM251M66TCNT
553	0	PNL.0003	PANEL MOUNTED BLOCK AND BLEED MANIFOLD (1/2"-FNPT) AND TESTTEE,
			316SS, NACE MR0175 / ISO15156 MFG: ROSEMOUNT MODEL:
			0306BT22BA11SG (QTY: 1, c/w PANEL)
570	1	PSV-1224	VALVE, RELIEF, 1"-MNPT X 1"-FNPT, E, CONV, THREADED
			BONNET,BODY:WCB, TRIM:316 SS, SEAT:VITON, SPRING:INCONEL,
			NACE01 75 MFG: MERCER MODEL: 91-17E51V03N1
A 571	1	PRV-289H	VALVE, RELIEF, 1"-MNPT X 1"-FNPT, 1 - 4 1/2 PSIG RANGE MFG:
			FISHER MODEL: 289H-41
A 600	1	TNK-1002	TANK, SEAL POT, 22.4 USG, 60" L X 8" W X 12" H X 1/4" THK,
			SIDE ENTRY, CS MODEL: BES-761-05
636	0	NPN	XMTR, PRESS, -14.7-TBD PSI, 1/4" MNPT, 4-120mA, NACE, XP
			MFG: ROSEMOUNT MODEL: 2051TG3A2B21AKB
			(QTY1: C/W PANEL)
697	1	BWF-DOAL	FLANGE, SCREWED, 1"-150#RF, SA350LF2
A 698	1	BWF-DODL	FLANGE, SCREWED, 2"-150#RF, SA350LF2

NOTES:
1. TE PROVIDED FOR PACKING HEALTH MONITORING.
   TEMPERATURE TO BE TAKEN AT INITIAL UNIT START-UP.
   RISE IN TEMPERATURE INDICATES PACKING WEAR.
2. TEMPERATURE READINGS TO BE AVERAGED OVER 60 SECONDS
   (OIL DROPS IN LINE CAN CAUSE ANOMALOUS TEMPERATURE SPIKES)

STANDARD TUBING SIZES	LINETYPE LEGEND	INSTRUMENTATION TAGGING LEGEND
*1/4" - 0.049"	PROCESS PIPING	LOCAL MOUNTED DEVICE
*3/8" - 0.049"	UTILITY PIPING	PANEL MOUNTED DEVICE
1/2" - 0.049"	SEAMLESS TUBING	OFF-SKID MOUNTED DEVICE
3/4" - 0.065"	ELECTRICAL WIRING	SIGNAL TO PANEL
1" - 0.083"	INTERNAL LOGIC	SIGNAL TO OFF-SKID
*PER CLIENT SPEC	OEM SUPPLIED	
	ASSEMBLY BOUNDARY	
	BUILDING WALL	
	DRIVETRAIN	
ALL TUBING TO BE 316SS	CUSTOMER SUPPLIED	

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ISSUED FOR CONSTRUCTION

IFC

2015/09/24

UNIT NUMBER
14-928
14-929
14-930

REV	DATE	CREATED	REVIEWED	APPROVED	DESCRIPTION
B	15-09-24	GW	TT	GM	REVISED AS NOTED
A	15-06-19	GW	TT	GM	ISSUED FOR CONSTRUCTION
0	15-03-13	DM	GW	GM	ISSUED FOR APPROVAL

REVISIONS

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CALGARY, AB T2C 4Z1
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FAX: (403) 272-7749

BIDELL™ GAS COMPRESSION

APEGA PERMIT NUMBER P08318

COMPRESSOR DISTANCE PIECE, PACKING VENT & DRAIN UTILITY FLOW
WEG 600HP ELECTRIC/ARIEL JGR/4/AIR-X-LIMITED 108EF
CUSTOMER: ENCANA c/o EQUINOX ENGINEERING
LOCATION: KAYBOB GAS PLANT
LSD: 15-31-062-21 W5M
SHEET#: 1 OF 1
JOB#: 14-Q303

PAPER SIZE	SCALE	DWG#		REV
11"x17"	NTS		14-Q303-761	B