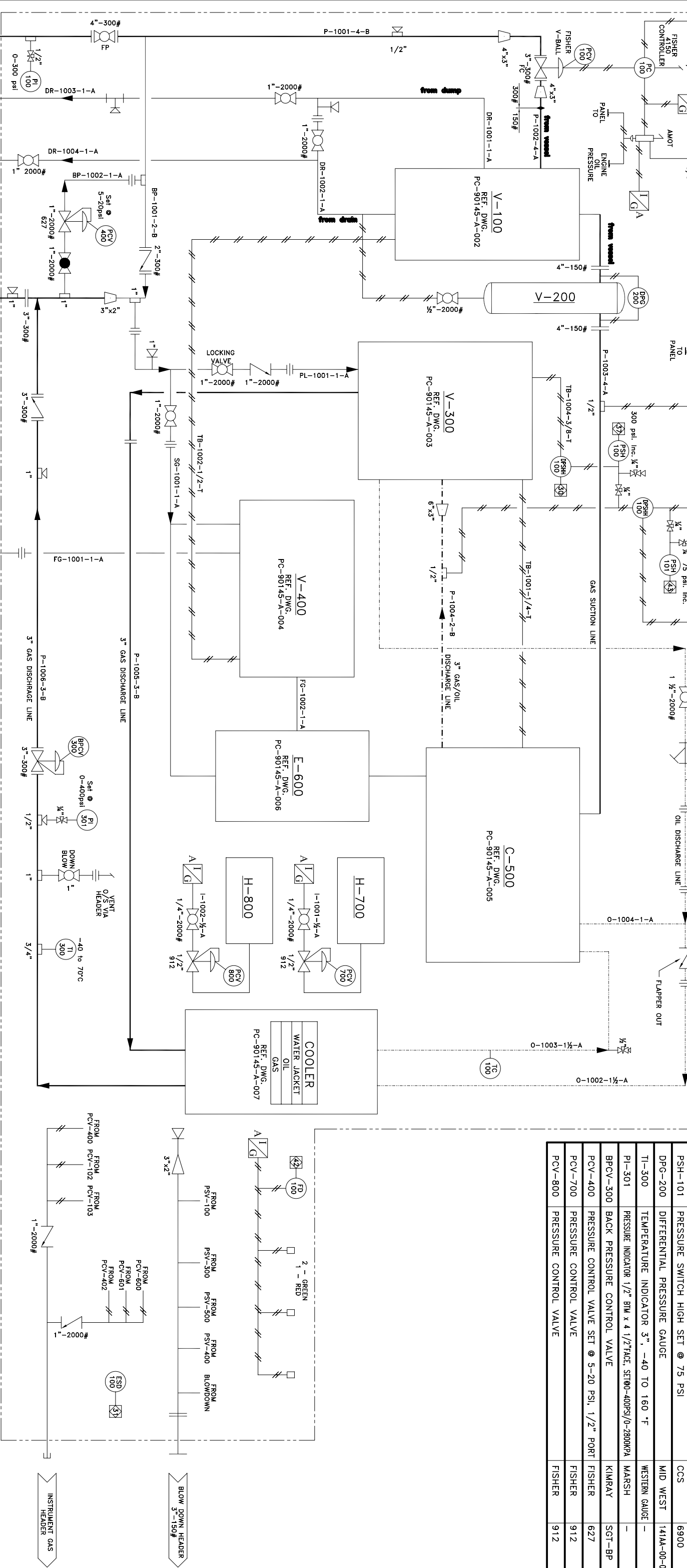


ITEM	DESCRIPTION	MAKE	MODEL
FD-100	FIRE DETECTION PRESSURE SWITCH	UE CONTROLS	J120-190
PC-100	PRESSURE CONTROLLER	FISHER	4150K
PI-100	PRESSURE INDICATOR 1/2" BIM x 4 1/2"FACE, SET@0-400PSI/0-2800KPA	MARSH	-
DPS-100	DIFFERENTIAL PRESSURE SWITCH	OSIOM CONTROL SINCOR	604DJ2
PCV-100	PRESSURE CONTROL VALVE - FC	FISHER	1052 VEE BALL
PSL-100	PRESSURE SWITCH LOW SET @ 5 PSI	CCS	6900
PSH-100	PRESSURE SWITCH HIGH SET @ 300 PSI	CCS	6900
TI-100	TEMPERATURE INDICATOR 3", -40 TO 160 °F	WESTERN GAUGE	-
PSH-101	TEMPERATURE SWITCH HIGH SET @ 75 PSI	CCS	6900
DPG-200	DIFFERENTIAL PRESSURE GAUGE	MID WEST	141A-00-00
TI-300	TEMPERATURE INDICATOR 3", -40 TO 160 °F	WESTERN GAUGE	-
PI-301	PRESSURE INDICATOR 1/2" BIM x 4 1/2"FACE, SET@0-400PSI/0-2800KPA	MARSH	-
BPCV-300	BACK PRESSURE CONTROL VALVE	KIMRAY	SGT-BP
PCV-400	PRESSURE CONTROL VALVE SET @ 5-20 PSI, 1/2" PORT	FISHER	627
PCV-700	PRESSURE CONTROL VALVE	FISHER	912
PCV-800	PRESSURE CONTROL VALVE	FISHER	912

ITEM	DESCRIPTION	MAKE	MODEL
V-100	INLET SEPARATOR		
V-200	INLET GAS FILTER		
V-300	OIL COALESCING VESSEL		
V-400	FUEL SCRUBBER		
C-500	SCREW COMPRESSOR		
H-700	HEATER		
H-800	HEATER		
P-900	PUMP		
E-600	NATURAL GAS ENGINE		

ITEM	DESCRIPTION	MAKE	MODEL
PC-90145-A-002	REF. DWG.		
PC-90145-A-003	REF. DWG.		
PC-90145-A-004	REF. DWG.		
PC-90145-A-006	REF. DWG.		
PC-90145-A-007	REF. DWG.		



LINE TYPE	LEGEND
Solid line	MAIN PROCESS GAS
Dashed line	OIL/GAS COMBINED
Line with triangles	UTILITY PROCESS
Line with squares	SECONDARY PROCESS
Line with circles	INSTRUMENTATION
Line with diamonds	OIL ONLY LINE
Line with stars	SKID BOUNDARY

JIRO Manufacturing Ltd.

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cod@enhancedenergy.com

9000 COMPRESSOR

PIPING AND INSTRUMENTATION DIAGRAM

CUSTOMER: _____

Drawn by: J.A. MARKUSSON

Checked by: _____

DATE: 00-07-04

SCALE: N.T.S.

DRAWING NO.: PC-90145-A-001

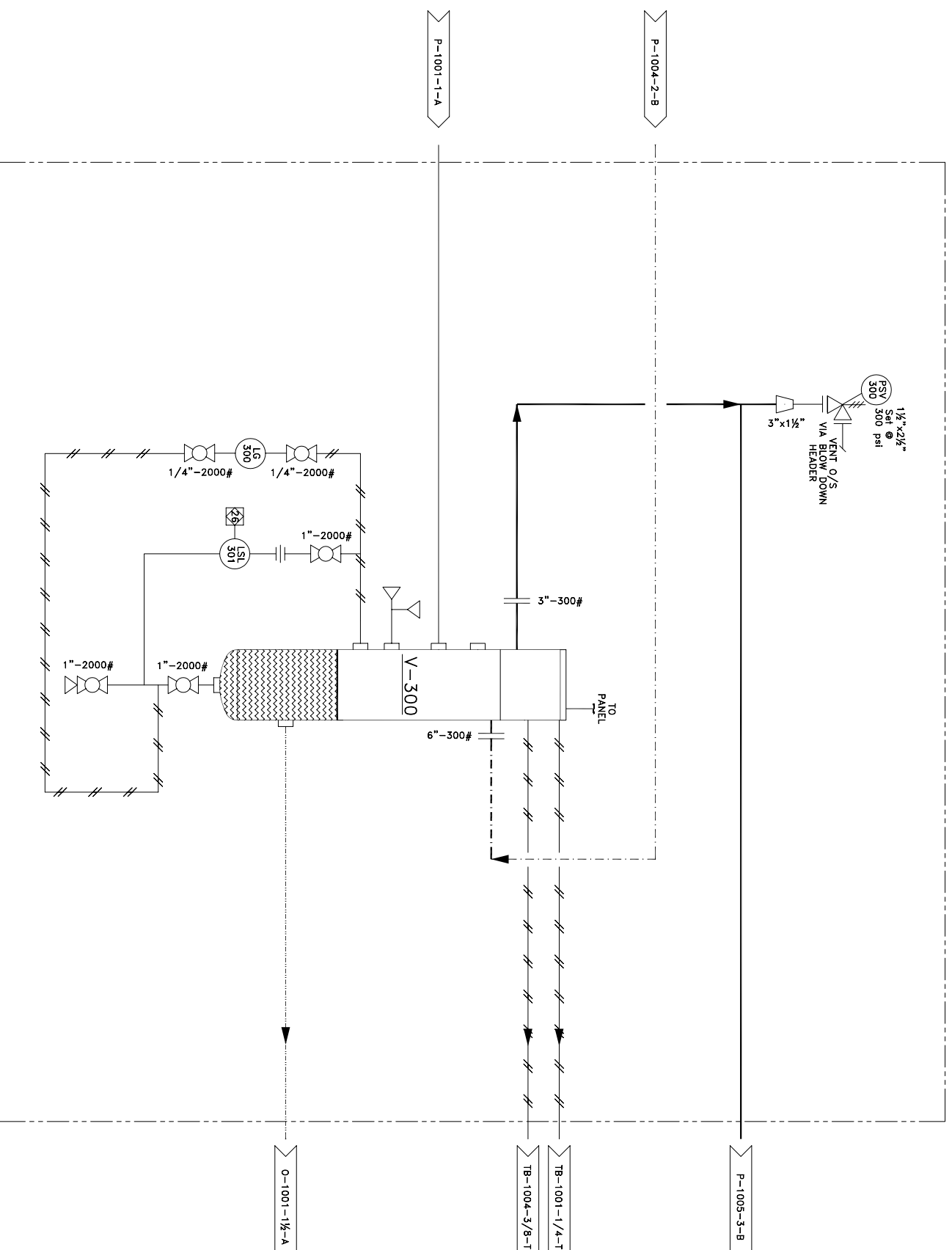
REV.: 1

CLIENT: _____

JOB NO.: 90145

V-300
OIL COALESCING VESSEL
 Size: 610 mm O.D. X 1270mm S/S
 (24" X 50" S/S)
 RATED @ 300psi

MATERIAL LIST			
ITEM	DESCRIPTION	MAKE	MODEL
PSY-300	PRESSURE SAFETY VALVE SET @ 300 PSI	MERCER	9138611813
LG-300	LEVEL GAUGE	PENBURTHY	1RL-7
LSL-301	LOW SHUTDOWN LEVEL	MURPHY	L1200

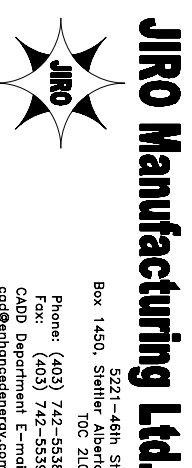


* SEE DWG PC-90145-A-001
 FOR COMPLETE 9000 P&ID

LINE TYPE
LEDGEND

————	MAIN PROCESS GAS	- · - · -	OIL/GAS COMBINED	————	UTILITY PROCESS
————	SECONDARY PROCESS	— / —	INSTRUMENTATION	————	OIL ONLY LINE
-----	SKID BOUNDARY				

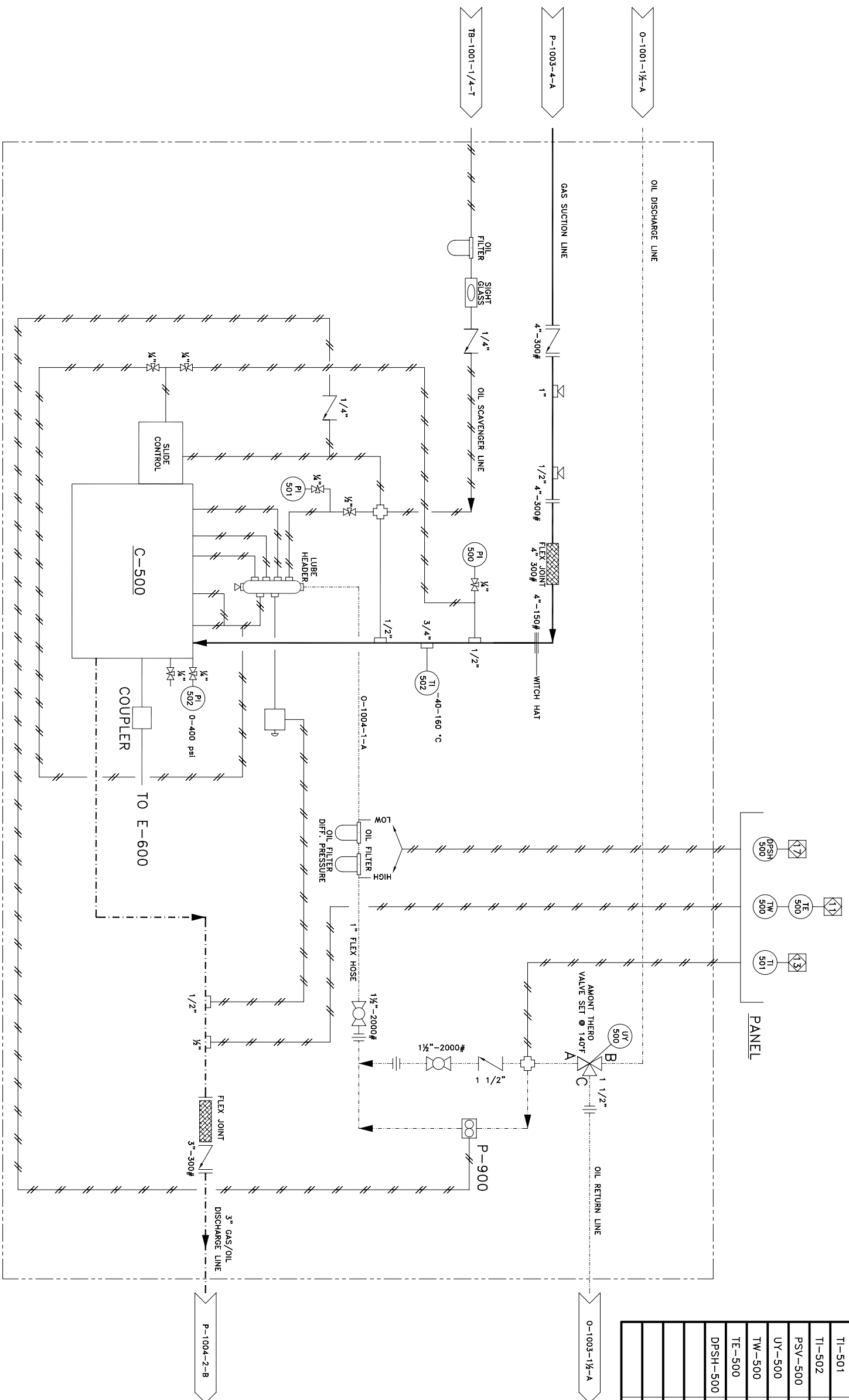
REV.	DESCRIPTION	BY	DATE
1	AS-BUILT	JAM	00-12-19
0	ISSUED FOR CONSTRUCTION	JAM	00-08-03



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 cad@enhancedenergy.com

CUSTOMER:		CLIENT:		JOB NO.:	
Drawn by:	J.A. MARKUSSON	Checked by:		DATE:	00-08-03
9000 COMPRESSOR PIPING AND INSTRUMENTATION DIAGRAM V-300 OIL COALESCER 12" DIA. X 50" LG.		SCALE:	N.T.S.	DRAWING NO.:	PC-90145-A-003
				REV.:	1

**C-500
SCREW COMPRESSOR**
MYCOM
160LM



MATERIAL LIST

ITEM	DESCRIPTION	MAKE	MODEL
PI-500	PRESSURE INDICATOR 1/4" B1Mx2 1/2" FACE, SET @ -400 PS/0-2800 KPA	WESTERN GAUGE	-
PI-501	PRESSURE INDICATOR 1/4" B1Mx2 1/2" FACE, SET @ 0 PS/0-2800 KPA	WESTERN GAUGE	-
PI-502	PRESSURE INDICATOR 1/4" B1Mx2 1/2" FACE, SET @ 0 PS/0-2800 KPA	WESTERN GAUGE	-
TI-501	TEMPERATURE INDICATOR 3" SET @ -40 TO 160 °F	WESTERN GAUGE	-
TI-502	TEMPERATURE INDICATOR 3" SET @ -40 TO 160 °F	WESTERN GAUGE	-
PSV-500	PRESSURE SAFETY VALVE SET @ 285 PSI	MERCER	# 91170511809E
UV-500	THERMOSTATIC VALVE	AMOT	1 1/2BHC15001
TW-500	THERMOWELL	HT	-720A79
TE-500	THERMO ELEMENT -40/160A	3BV41	160°C
DPSH-500	DIFFERENTIAL PRESSURE HI	-	-
	FLEX JOINT	-	1 1/2BHC15001
	SIGHT GLASS	AC&R	SG 04 500WP
	OIL FILTER	DURAMAX	P165569
	COUPLER	ATRA-FLEX	M3

* SEE DWG PC-90145-A-001
FOR COMPLETE 9000 P&ID

LINE TYPE	MAIN PROCESS GAS	OIL/GAS COMBINED	UTILITY PROCESS
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REV.	DESCRIPTION	BY	DATE
1	AS-BUILT	JAM	00-12-19
0	ISSUED FOR CONSTRUCTION	JAM	00-08-03

JIRO Manufacturing Ltd.

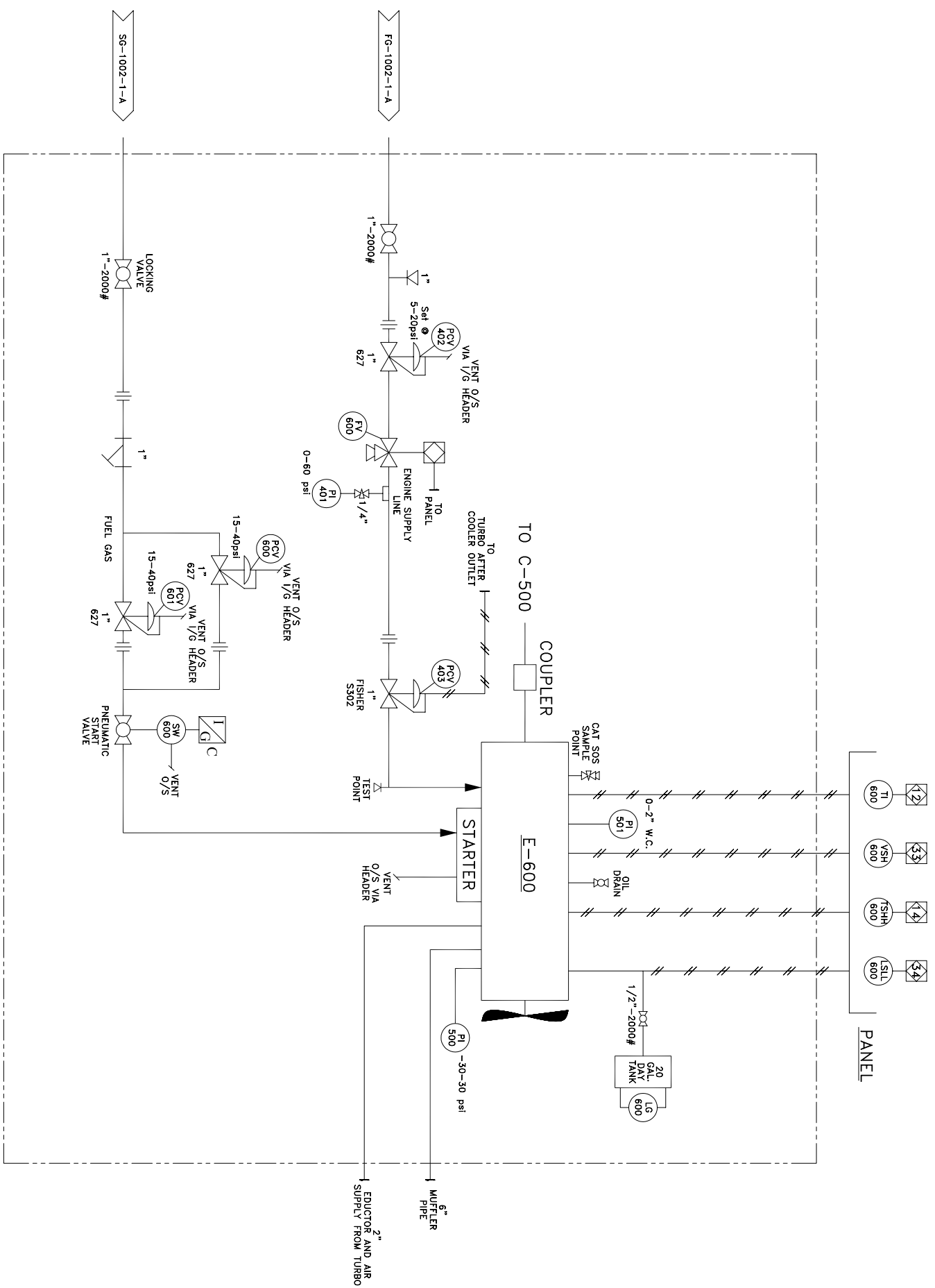
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CAD Department E-mail
cod@enhancedenergy.com

CUSTOMER:		CLIENT:		JOB NO.:	
Drawn by:	J.A. MARKUSSON	Checked by:		DATE:	00-08-03
Scale:	N.T.S.	Drawing No.:	PC-90145-A-005	REV.:	1

**9000 COMPRESSOR
PIPING AND INSTRUMENTATION DIAGRAM
C-500 SCREW COMPRESSOR MYCOM**

E-600
NATURAL GAS ENGINE
CATERPILLAR 3306ATAAC
220 HP



LINE TYPE	MAIN PROCESS GAS	OIL/GAS COMBINED	UTILITY PROCESS
LEGEND	---	---	---
	SECONDARY PROCESS	INSTRUMENTATION	OIL ONLY LINE
	SKID BOUNDARY		

MATERIAL LIST			
ITEM	DESCRIPTION	MAKE	MODEL
PI-401	PRESSURE INDICATOR 1/4"BMx2 1/2"FACE, SET@-60 PSI/0-4.0 KPA	WESTERN GAUGE	-
PI-500	PRESSURE INDICATOR 1/4"BMx2 1/2"FACE, SET@-30to30 PSI	WESTERN GAUGE	-
PI-501	PRESSURE INDICATOR 1/4"BMx2 1/2"FACE, SET@-2" W.C.	DWYER	-
PCV-402	PRESSURE CONTROL VALVE SET @ 5-20 PSIG, 1/2" PORT	FISHER	627
PCV-403	PRESSURE CONTROL VALVE	FISHER	S302
VS-600	VIBRATION SWITCH	MURPHY	VS-2
FV-600	FLOW VALVE	MURPHY	M5081-C
LG-600	LEVEL GAUGE - 5/8" RED LINE SIGHT GLASS	-	-
SW-600	START SWITCH (ON PANEL)	-	-
PCV-600	PRESSURE CONTROL VALVE SET @ 15-40 PSIG, 1/2" PORT	FISHER	627
PCV-601	PRESSURE CONTROL VALVE SET @ 15-40 PSIG, 1/2" PORT	FISHER	DEBZ-4396-U
TI-600	JACKET WATER TEMP. PYROMETER (IN PANEL)	-	-
LSLL-600	ENGINE OIL LEVEL SWITCH LOW	KENCO	DEB9-4396-U
TSHH-600	ENGINE OIL TEMP. SWITCH HIGH (PYROMETER)	-	-
	STARTER	TDI TURBOSTART	T30-1
	START VALVE	-	SRV 150

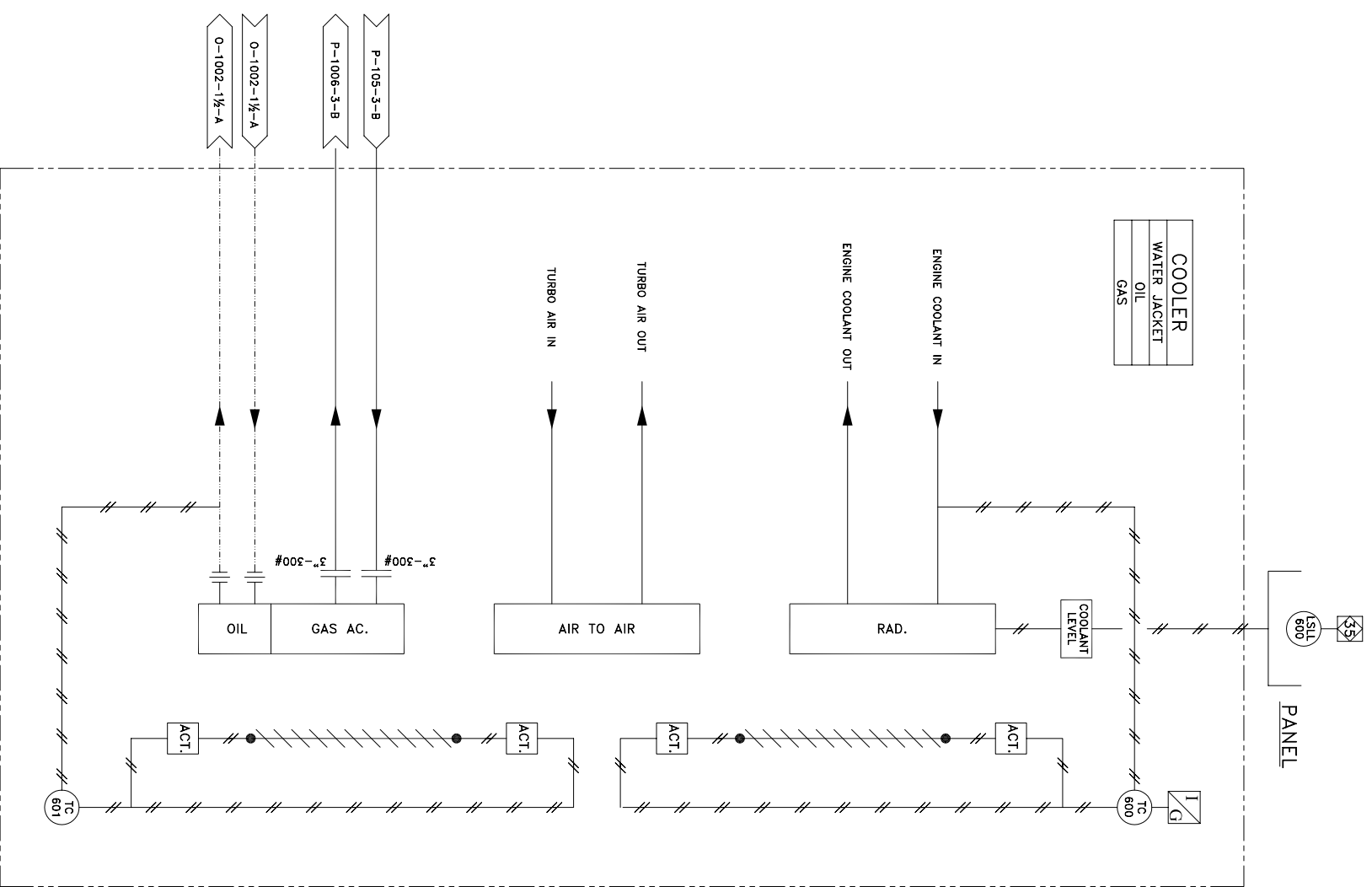
* SEE DWG PC-90145-A-001
FOR COMPLETE 9000 P&ID

REV.	DESCRIPTION	BY	DATE
1	AS-BUILT	JAM	00-12-19
0	ISSUED FOR CONSTRUCTION	JAM	00-08-03

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CAD Department E-mail
cod@enhancedenergy.com

CUSTOMER:	9000 COMPRESSOR PIPING AND INSTRUMENTATION DIAGRAM E-600 NATURAL GAS ENGINE - CAT	CLIENT:	90145
Drawn by:	J.A. MARKUSSON	Checked by:	
DATE:	00-08-03	SCALE:	N.T.S.
JOB NO.:	90145	DRAWING NO.:	PC-90145-A-006
REV.:	1		

MATERIAL LIST			
ITEM	DESCRIPTION	MAKE	MODEL
TC-600	TEMPERATURE CONTROLLER	KIMRAY	T-12
TC-601	TEMPERATURE CONTROLLER	KIMRAY	T-12
LSLL-600	COOLENT LEVEL SWITCH LOW	MURPHY	EL150K1
	LOUVERS		CS1537 1A/B
	ACTUATORS	TRACTION	S65 144



LINE TYPE	MAIN PROCESS GAS	OIL/GAS COMBINED	UTILITY PROCESS
LEDGEND	————	— · — · —	————
	SECONDARY PROCESS	———/———	————
	SKID BOUNDARY	-----	————
		INSTRUMENTATION	OIL ONLY LINE

REV.	DESCRIPTION	DATE	BY	APP.
1	AS-BUILT	00-12-19	JAM	
0	ISSUED FOR CONSTRUCTION	00-08-03	JAM	

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 cad@enhancedenergy.com

CUSTOMER: —		CLIENT: —	JOB NO.: 90145
Drawn by: J.A. MARKUSSON	Checked by:	DATE: 00-08-03	DRAWING NO.: PC-90145-A-007
9000 COMPRESSOR PIPING AND INSTRUMENTATION DIAGRAM COOLER		SCALE: N.T.S.	REV.: 1

* SEE DWG PC-90145-A-001
FOR COMPLETE 9000 P&ID