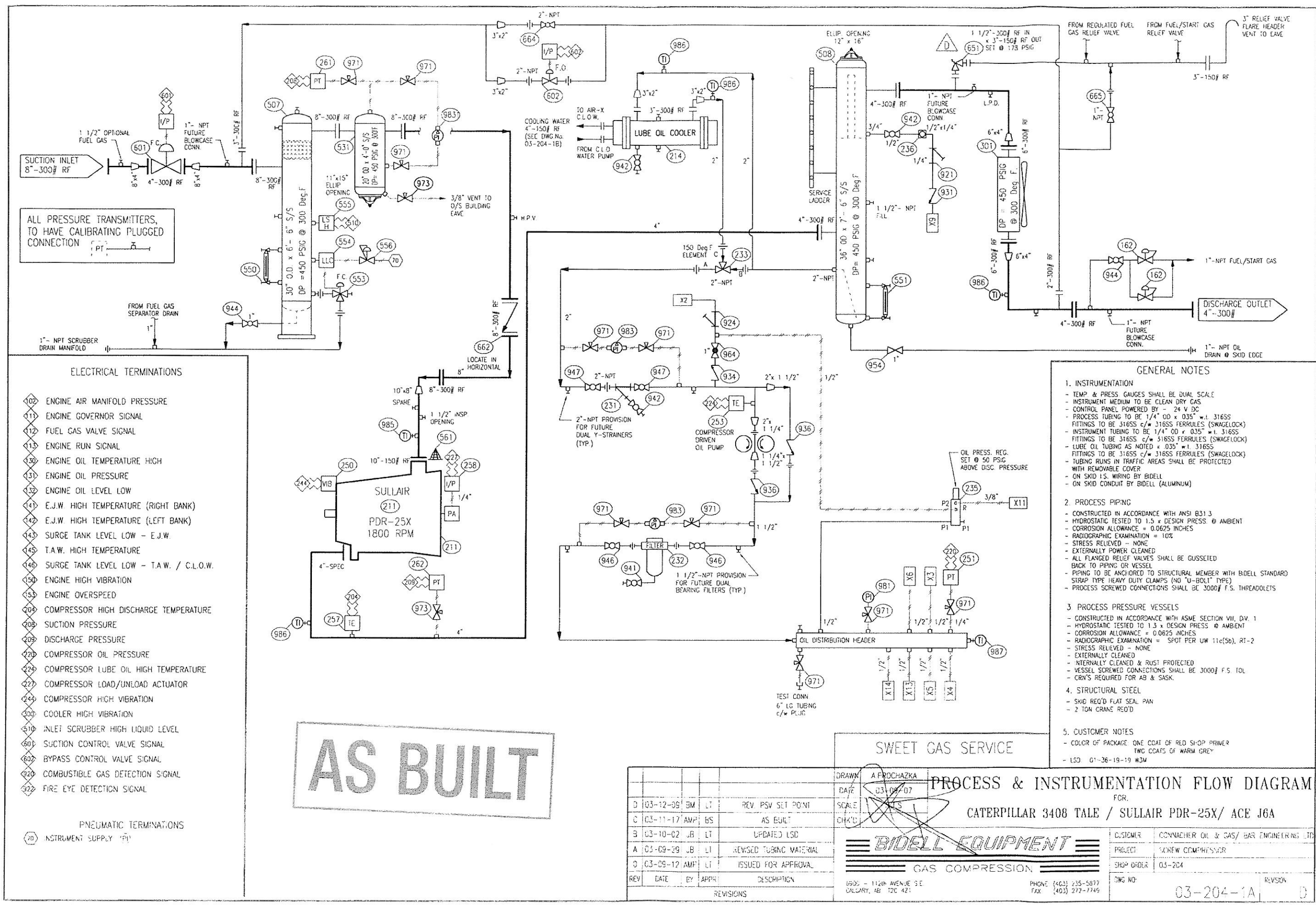




ALL PRESSURE TRANSMITTERS, TO HAVE CALIBRATING PLUGGED CONNECTION

ELECTRICAL TERMINATIONS

- 102 ENGINE AIR MANIFOLD PRESSURE
- 111 ENGINE GOVERNOR SIGNAL
- 112 FUEL GAS VALVE SIGNAL
- 113 ENGINE RUN SIGNAL
- 130 ENGINE OIL TEMPERATURE HIGH
- 131 ENGINE OIL PRESSURE
- 132 ENGINE OIL LEVEL LOW
- 141 E.J.W. HIGH TEMPERATURE (RIGHT BANK)
- 142 E.J.W. HIGH TEMPERATURE (LEFT BANK)
- 143 SURGE TANK LEVEL LOW - E.J.W.
- 145 T.A.W. HIGH TEMPERATURE
- 146 SURGE TANK LEVEL LOW - T.A.W. / C.L.O.W.
- 150 ENGINE HIGH VIBRATION
- 153 ENGINE OVERSPEED
- 209 COMPRESSOR HIGH DISCHARGE TEMPERATURE
- 208 SUCTION PRESSURE
- 209 DISCHARGE PRESSURE
- 220 COMPRESSOR OIL PRESSURE
- 229 COMPRESSOR LUBE OIL HIGH TEMPERATURE
- 227 COMPRESSOR LOAD/UNLOAD ACTUATOR
- 244 COMPRESSOR HIGH VIBRATION
- 300 COOLER HIGH VIBRATION
- 510 INLET SCRUBBER HIGH LIQUID LEVEL
- 601 SUCTION CONTROL VALVE SIGNAL
- 602 BYPASS CONTROL VALVE SIGNAL
- 920 COMBUSTIBLE GAS DETECTION SIGNAL
- 922 FIRE EYE DETECTION SIGNAL

PNEUMATIC TERMINATIONS

- 70 INSTRUMENT SUPPLY (P)

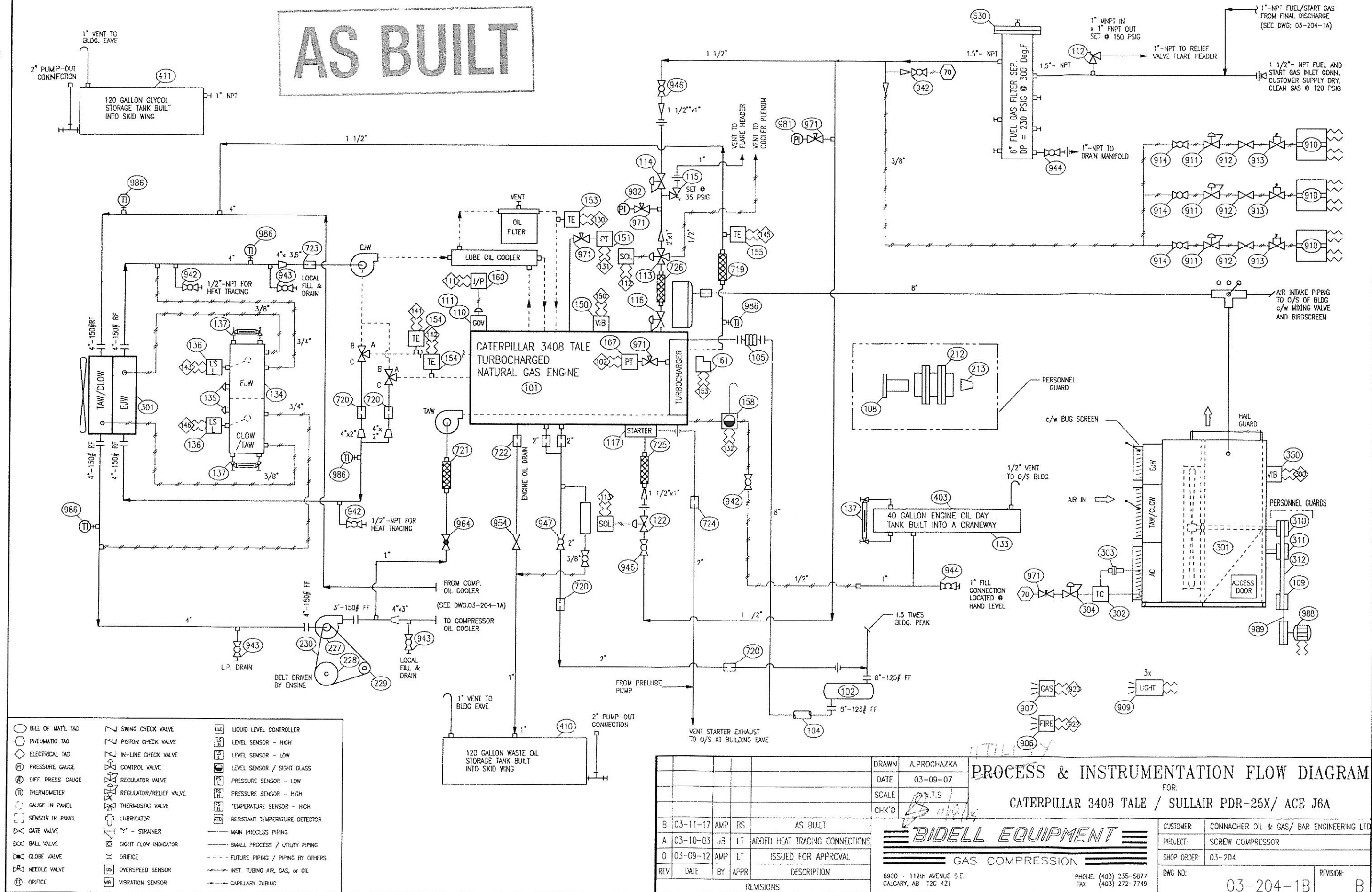
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GENERAL NOTES

1. INSTRUMENTATION
 - TEMP & PRESS GAUGES SHALL BE DUAL SCALE
 - INSTRUMENT MEDIUM TO BE CLEAN DRY GAS
 - CONTROL PANEL POWERED BY - 24 V DC
 - PROCESS TUBING TO BE 1/4" OD x 0.035" W.I. 316SS
 - FITTINGS TO BE 316SS c/w 316SS FERRULES (SWAGELOCK)
 - INSTRUMENT TUBING TO BE 1/4" OD x 0.035" W.I. 316SS
 - FITTINGS TO BE 316SS c/w 316SS FERRULES (SWAGELOCK)
 - LUBE OIL TUBING AS NOTED x 0.035" W.I. 316SS
 - FITTINGS TO BE 316SS c/w 316SS FERRULES (SWAGELOCK)
 - TUBING RUNS IN TRAFFIC AREAS SHALL BE PROTECTED WITH REMOVABLE COVER
 - ON SKID I.S. WIRING BY BIDELL
 - ON SKID CONDUIT BY BIDELL (ALUMINUM)
2. PROCESS PIPING
 - CONSTRUCTED IN ACCORDANCE WITH ANSI B31.3
 - HYDROSTATIC TESTED TO 1.5 x DESIGN PRESS @ AMBIENT
 - CORROSION ALLOWANCE = 0.0625 INCHES
 - RADIOGRAPHIC EXAMINATION = 10%
 - STRESS RELIEVED - NONE
 - EXTERNALLY POWER CLEANED
 - ALL FLANGED RELIEF VALVES SHALL BE GUSSETED BACK TO PIPING OR VESSEL
 - PIPING TO BE ANCHORED TO STRUCTURAL MEMBER WITH BIDELL STANDARD STRAP TYPE HEAVY DUTY CLAMPS (NO "U-BOLT" TYPE)
 - PROCESS SCREWED CONNECTIONS SHALL BE 3000# F.S. THREADOLTS
3. PROCESS PRESSURE VESSELS
 - CONSTRUCTED IN ACCORDANCE WITH ASME SECTION VIII, DIV. 1
 - HYDROSTATIC TESTED TO 1.5 x DESIGN PRESS @ AMBIENT
 - CORROSION ALLOWANCE = 0.0625 INCHES
 - RADIOGRAPHIC EXAMINATION = SPOT PER UW 11(c)(5b), RT-2
 - STRESS RELIEVED - NONE
 - EXTERNALLY CLEANED
 - INTERNALLY CLEANED & RUST PROTECTED
 - VESSEL SCREWED CONNECTIONS SHALL BE 3000# F.S. TOL
 - CRN'S REQUIRED FOR AS & SASK.
4. STRUCTURAL STEEL
 - SKID REQ'D FLAT SEAL PAN
 - 2 TON CRANE REQ'D
5. CUSTOMER NOTES
 - COLOR OF PACKAGE ONE COAT OF RED SH-OP PRIMER
 - TWO COATS OF WARM GREY
 - LSD 01-36-19-19 W3W

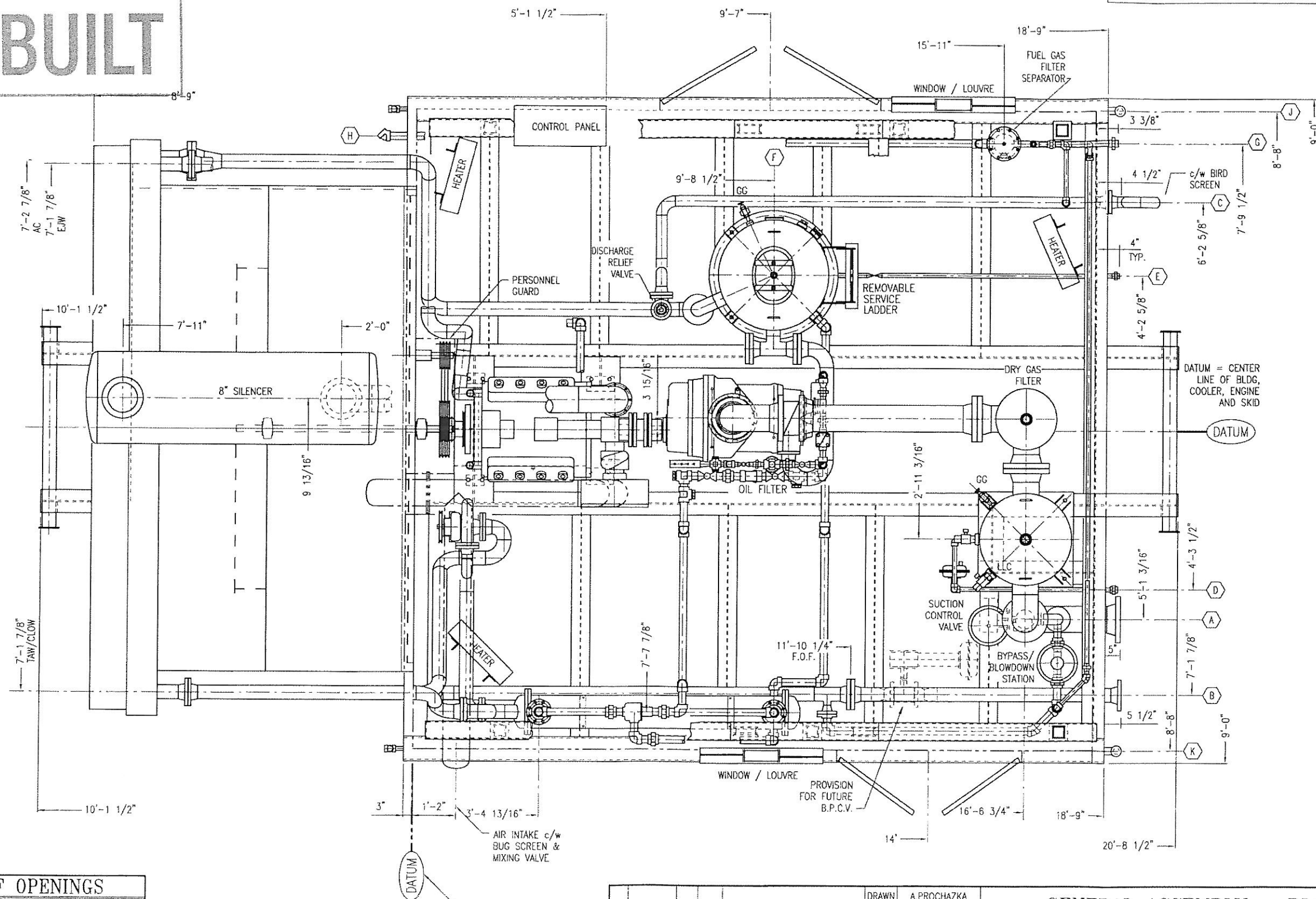
DRAWN A PROCHAZKA				PROCESS & INSTRUMENTATION FLOW DIAGRAM			
DATE 03-09-07				FOR CATERPILLAR 3408 TALE / SULLAIR PDR-25X/ ACE J6A			
SCALE 1" = 1'				CUSTOMER CONNACHER OIL & GAS/ BAR ENGINEERING LTD			
CHK'D				PROJECT SCREW COMPRESSOR			
REV 03-10-02 JB LT				SHOW ORDER 03-204			
A 03-09-29 JB LT				DWG NO 03-204-1A			
D 03-09-12 AMP LT				REVISON			
REV DATE BY APPR DESCRIPTION				D			
REVISIONS				SWEET GAS SERVICE			
				BIDELL EQUIPMENT			
				GAS COMPRESSION			
				6900 - 112th AVENUE SE			
				CALGARY, AB T2C 4Z1			
				PHONE (403) 235-5877			
				FAX (403) 272-7749			

AS BUILT



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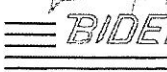


SCHEDULE OF OPENINGS

TAG	SIZE & RATING	SERVICE / DESCRIPTION
A	8"-300# RF	SUCTION INLET
B	4"-300# RF	DISCHARGE OUTLET
C	3"-150# RF	FLARE HEADER
D	1"-NPT	SCRUBBER DRAIN
E	1"-NPT	OIL SEPARATOR DRAIN
F	12"x16" ELLIP	LUBE OIL SEP. FILTER ACCESS
G	1 1/2"-NPT	ENGINE FUEL/START GAS INLET
H	2" PIPE	ENGINE STARTER OUTLET
J	2"-CAMLOCK	OIL TANK PUMP-OUT
K	2"-CAMLOCK	GLYCOL TANK PUMP-OUT

TOTAL PACKAGE WEIGHT = APPROX 81,000 bs
TOTAL PACKAGE LENGTH = 30'-10"
TOTAL PACKAGE WIDTH (Incl. Eaves) = 18'-6"
TOTAL PACKAGE HEIGHT = 15'-3"

					DRAWN	A. PROCHAZKA
					DATE	03-09-10
					SCALE	1/2" = 1'-0"
					CHK'D	BS 11/12/03
A	03-11-17	AMP	BS	AS BUILT		
O	03-09-11	AMP	LT	ISSUED FOR APPROVAL		
REV	DATE	BY	APPR	DESCRIPTION		
REVISIONS						



6900 - 112th AVENUE
CALGARY, AB T2C 4Z1

6900 - 112th AVENUE S.E.
CALGARY, AB T2C 4Z1

BIDELE EQUIPMENT Inc.

GAS COMPRESSION

PHONE: (403) 235-5877
FAX: (403) 272-7749

GENERAL ASSEMBLY - PLAN VIEW

FOR:

CATERPILLAR 3408 TALE / SULLAIR PDR-25X / ACE J6A

CUSTOMER: CONNACHER OIL & GAS/BAR ENGINEERING LTD

PROJECT: SCREW COMPRESSOR

SHOP ORDER: 03-204

DWG NO:

03-204-2A

REVISION:

A

22'-2"
N.T.S.

