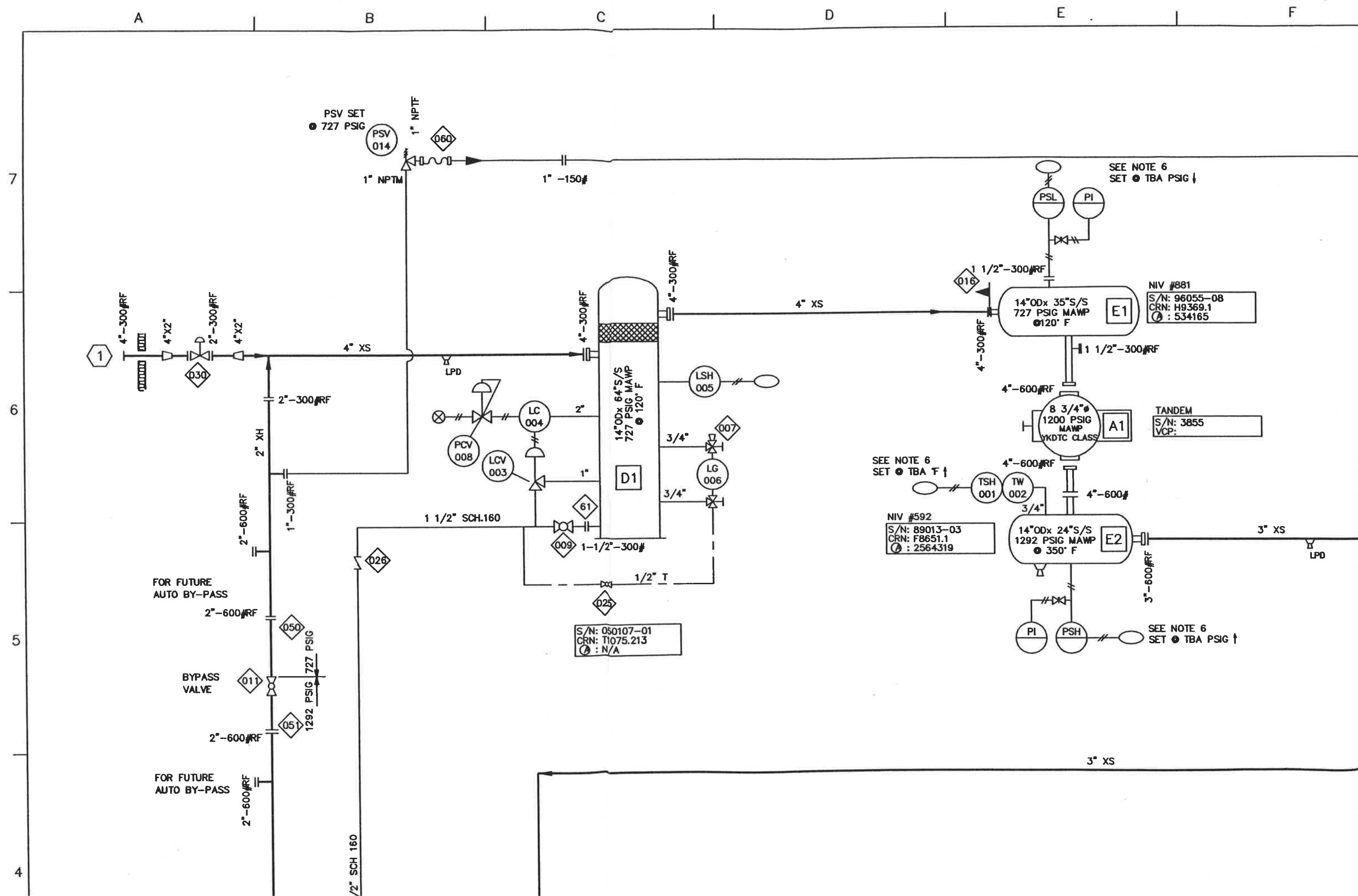
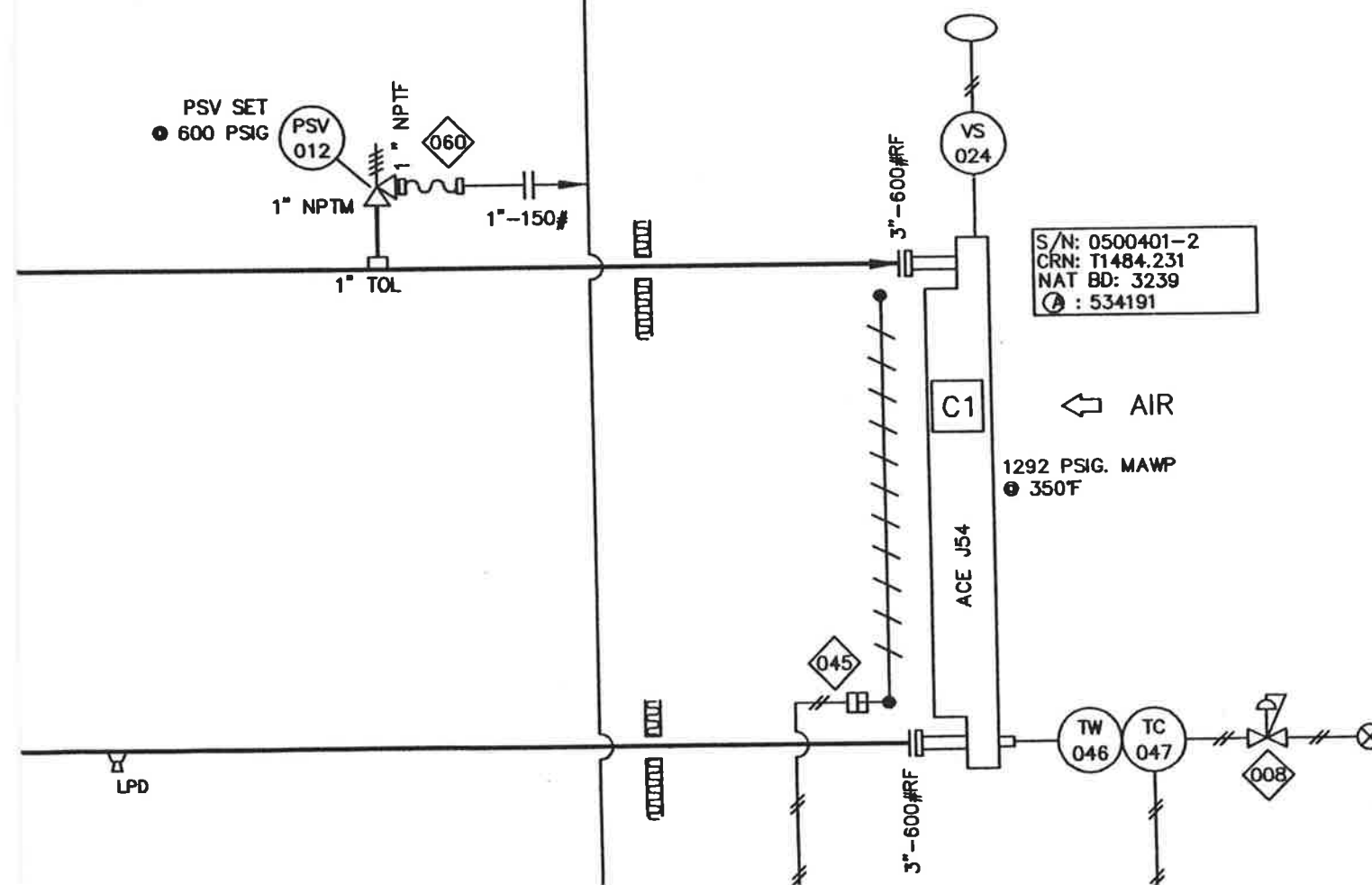


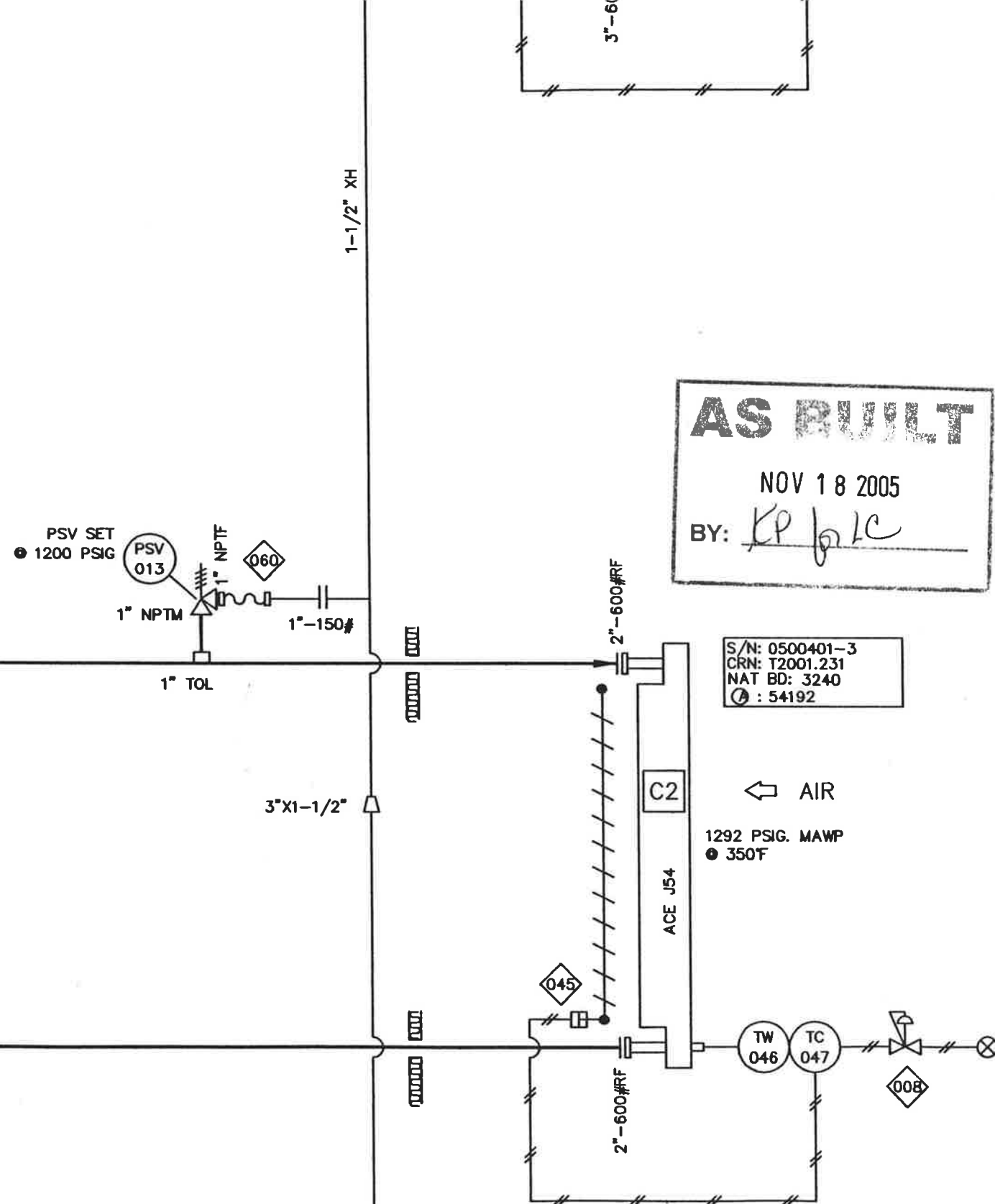


COMPRESSOR S/N: ~~3855~~ 78303
 ENGINE S/N: 78303
 COOLER S/N: 0500401

BILL OF MATERIAL PHASE 50

ITEM	QTY	N/E	DESCRIPTION
001	02	N	THERMOCOUPLE, TYPE K,
002	02	N	THERMOWELL, 3/4"X4-1/2"
003	02	N	DUMP VALVE, FISHER, D2, 1" NPT, 1/4" - 1/2" ADJ PORT, SET @ 3/8", NC, OPER. RANGE 0-20 PSI, NACE
004	02	N	LEVEL CONTROLLER, FISHER, L2, 2" NPT, SNAP ACTING, N.C., 0-20 PSI OUTPUT, LINKED PVC DISPLACER, 13" LEVER ARM, NACE MODEL #L1200SSDV0SF
005	02	N	LEVEL SWITCH, MURPHY, L1200-SS, 2" NPT, XP, CSA, BUOYGLAS FLOAT, MWP = 2000 PSI
006	02	N	LEVEL GAUGE, PENBERTHY, 1RM7, REFLEX GLASS, CS, 2280 PSI @ 300°F, NACE
007	02	N	GAUGE VALVE SET, PENBERTHY, 330J, CS, 3/4" X 1/2" NPT, NACE
008	04	N	REGULATOR, FISHER, 67 CFR-362, 0-35 PSI, SET @ 20 PSI
009	02	N	BALL VALVE, WKM, B138-CS-02-CS/HL, FLOATING, 1-1/2" NPT, LATCHING HANDLE, NACE
010	01	N	BALL VALVE, 1" NPT, WKM B136-CS2-02-S2-HL, 2250# WOG, RP, NACE, W/LATCHING HANDLE
011	01	N	MANUAL BYPASS BALL VALVE, 1-1/2" NPT, WKM B136-CS2-02-HL, 2250# WOG, RP, NACE, W/LATCHING HANDLE
012	01	N	RELIEF VALVE, CONSOLIDATED 19110MC-2, 1" NPTM X 1" NPTF, NACE, SET @ 600 PSIG, TAG: STAGE 1 DISCHARGE
013	01	N	RELIEF VALVE, CONSOLIDATED 19096MC-2-SG, 1" NPTM X 1" NPTF, NACE, SET @ 1315 PSIG, TAG: STAGE 2 DISCHARGE
014	01	N	RELIEF VALVE, CONSOLIDATED 19096MC-2-SG, 1" NPTM X 1" NPTF, NACE, SET @ 727 PSIG, TAG: SUCTION
016	01	N	SUCTION SCREEN, MAGIC SPAN, 4"-300#RF, CS, 100 % FLOW AREA, 316SS 40 MESH SCREEN, SCH XH
017	01	N	SUCTION SCREEN, MAGIC SPAN, 3"-600#RF, CS, 100 % FLOW AREA, 316SS 40 MESH SCREEN, SCH XH
018	02	N	TI, TREND 33060, 0-250°F, DUAL SCALE, 3" FACE, 1/2" MNPT, U = 4.5"
019	02	N	TI, TREND 33040, 50-550°F, DUAL SCALE 3" FACE, 1/2" MNPT, U = 4.5"
020	04	N	THERMOWELL, 3/4" MNPT PROCESS X 1/2" FNPT INSTR. CONNECTION, U = 4.5", 304SS
024	01	N	VIBRATION SWITCH, MURPHY, VS2 MANUAL RESET
025	03	N	BALL VALVE, WKM, B136-CS-02-CS/HL, 1/2" NPT, FLOATING, NACE LATCHING HANDLE
026	02	N	PISTON CHECK VALVE, NEWCO, 48TFS2, 1-1/2" NPT, 800# WOG, CS, NACE
030	01	N	CONTROL VALVE, AUTO SUCTION, FISHER 1052-V200, NACE, 2"-300#RF W/YOKE MOUNTED 4150 CONTROLLER
045	02	N	LOUVRE ACTUATOR, GARZO 501-12 PNEUMATIC DIAPHRAGM, 3-15 PSIG SUPPLIED WITH COOLER
046	02	N	THERMOWELL, KIMRAY SS-12-SS X 1" NPT, SUPPLIED WITH COOLER
047	02	N	TEMPERATURE CONTROLLER, KIMRAY HT12, SUPPLIED WITH COOLER
050	01	N	HUB FLANGE, 2"-300#RF X 1-1/2" NPT
051	01	N	HUB FLANGE, 2"-600#RF X 1-1/2" NPT
060	03	N	FLEX CONNECTOR, 1" X 12" LONG, W/NPTM ENDS





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REPAIR AND MAINTENANCE OF THE PRODUCTS TO WHICH THEY RELATE.

051	01	N	HUB FLANGE, Z - 600#RF X 1-1/2 NPT
060	03	N	FLEX CONNECTOR, 1" X 12" LONG, W/NPTM ENDS

GENERAL NOTES

1. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNLESS STAMPED "ISSUED FOR CONSTRUCTION".
2. ALL PROCESS PIPING TO BE CLAMPED AS NEAR TO ALL ELBOWS AS POSSIBLE, REFER TO DRAWING 12.8006.
REFER TO DRAWING 12.8006.
3. FOR DESIGN PARAMETERS REFER TO PROJECT SCOPE SUMMARY DRAWING.
4. FOR CUSTOMER CONNECTIONS REFER TO GENERAL ARRANGEMENT DRAWING.
5. PIPE NIPPLES 1-1/2" AND SMALLER TO BE MIN. 160 WALL THICKNESS.
6. SET POINTS TO BE MONITORED AND REVISED UPON CONFIRMATION WITH ACTUAL PERFORMANCE PARAMETERS,
(TSH = DISCHARGE TEMPERATURE (DEG. F) + 25 DEG. F.), (PSH AND DP TO BE CALCULATED BASED ON
ACTUAL SUCTION/DISCHARGE PRESSURE AND CYLINDER ROD LOADING LIMITS).
7. LOW TEMP MATERIAL REQUIRED TO FIRST WELD INSIDE BUILDING.

LEGEND

- | | | | | | |
|---|-------------------------|---|-----------------------------|---|---|
|  | CUSTOMER CONNECTIONS |  V | VENT LINE (TUBING) |  | ORIFICE OR SPACER PLATE 1/8" THK |
|  | LOCALLY MOUNTED |  D | DRAIN LINE (TUBING) |  | ITEM TO BE SHIPPED LOOSE FOR FIELD INSTALLATION |
|  | SKID CONTROL PANEL |  O | OIL LINE (TUBING) |  | BULKHEAD CONNECTION |
|  | LOCAL GAUGE PANEL |  // | PNEUMATIC SIGNAL (TUBING) |  | INSTRUMENT SUPPLY GAS |
|  | MANUFACTURED COMPONENTS |  /// | ELECTRIC SIGNAL CONNECTIONS |  | PROGRAMMABLE LOGIC CONTROL |
|  | MAJOR COMPONENTS |  --- | UTILITIES TUBING | | |
| | |  T | LOW POINT DRAIN (PLUGGED) | | |

5	AS BUILT AS PER CS05501	05/09/30	JB	DZ	J.S.
4	REVISE PSV's	05/05/26	LD	JB	LD
3	CHANGE BYPASS LINE AND SUCTION BOTTLES	05/03/23	LED	FW	LED
2	ISSUED FOR CONSTRUCTION	05/03/02	MJ	FW	MJ
1	CUSTOMER MARK-UPS	05/02/07	LED	FW	LED
0	ISSUED FOR APPROVAL	05/01/12	LED	FW	LED
REV	DESCRIPTION	DATE	ENG	DWN	CHK

CompressionServices

5049-74 Avenue SE Calgary AB Canada T2C 3H2 Canada Tel. +1.403.720.3822 Fax +1.403.720.3765
www.enerflex.com

TITLE: PROCESS & INSTRUMENTATION DIAGRAM
AJAX DPC-180, ACEJ54
COMPRESSOR PACKAGE

FOR: TRIPPOINT ENERGY INC.
(PARADISE, BC)

CONSULTANT: GAS LIQUIDS ENGINEERING LTD.
P.O.:

LSD: 06-25-85-16 W6M
JOB No.: CS05501

DRWN BY: FW
DATE: 05/01/12
SCALE: N.T.S.

APPVD BY: LED
DATE: 05/01/15

DWG. No.	OPER'N #:
PF05501	50

AUTO BY-PASS

2"-600#RF

2" SCH.160

1-1/2" SCH.160

2"x1 1/2"

1 1/2" SCH.160

3"-600#RF

3"-600#RF

3" XS

3"-600#RF

10"ODx 18"S/S
1315 PSIG MAWP
@300° F

NIV #132
S/N: 94025-09
CRN: K0850.2
A : 2956323

3/4"

3"-900#RF

5 1/4" Ø
1500 PSIG
MAWP
YKDTG CLASS

TANDEM
S/N: 3855
VCP:

SEE NOTE 6
SET ● TBA F ↑

3"-900#RF

TSH 001

TW 002

NIV #21
S/N: 8601-11
CRN: F7346.12
A : 223841

10"ODx18"S/S
1292 PSIG MAWP
@ 350° F

2" SCH.160

2"-600#RF

2" SCH.160

3" XH

SEE NOTE 6
SET ● TBA PSIG ↑

PI

PSH

1292 PSIG 14.7 PSIG

BLOWDOWN
VALVE

1"-600#RF

1" SCH.160

1" SCH.160

S/N: 050107-02
CRN: T1073.213
A :

1/2" T

1-1/2"-600#RF

2"

2"

3/4"

3/4"

LC 004

PCV 008

LCV 003

LSH 005

007

LG 006

009

026

025

010

11

9

29

2" NPTF

2"-600#RF

3"-150#RF

A

B

C

D

E

F

4
3
2
1

⌀ EL 4567

1008
563

416

REF. LINE : ALL TAIL
DIMENSIONS FROM HERE

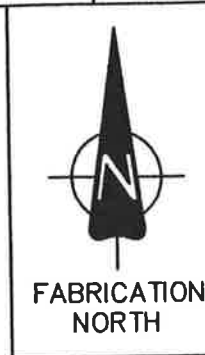
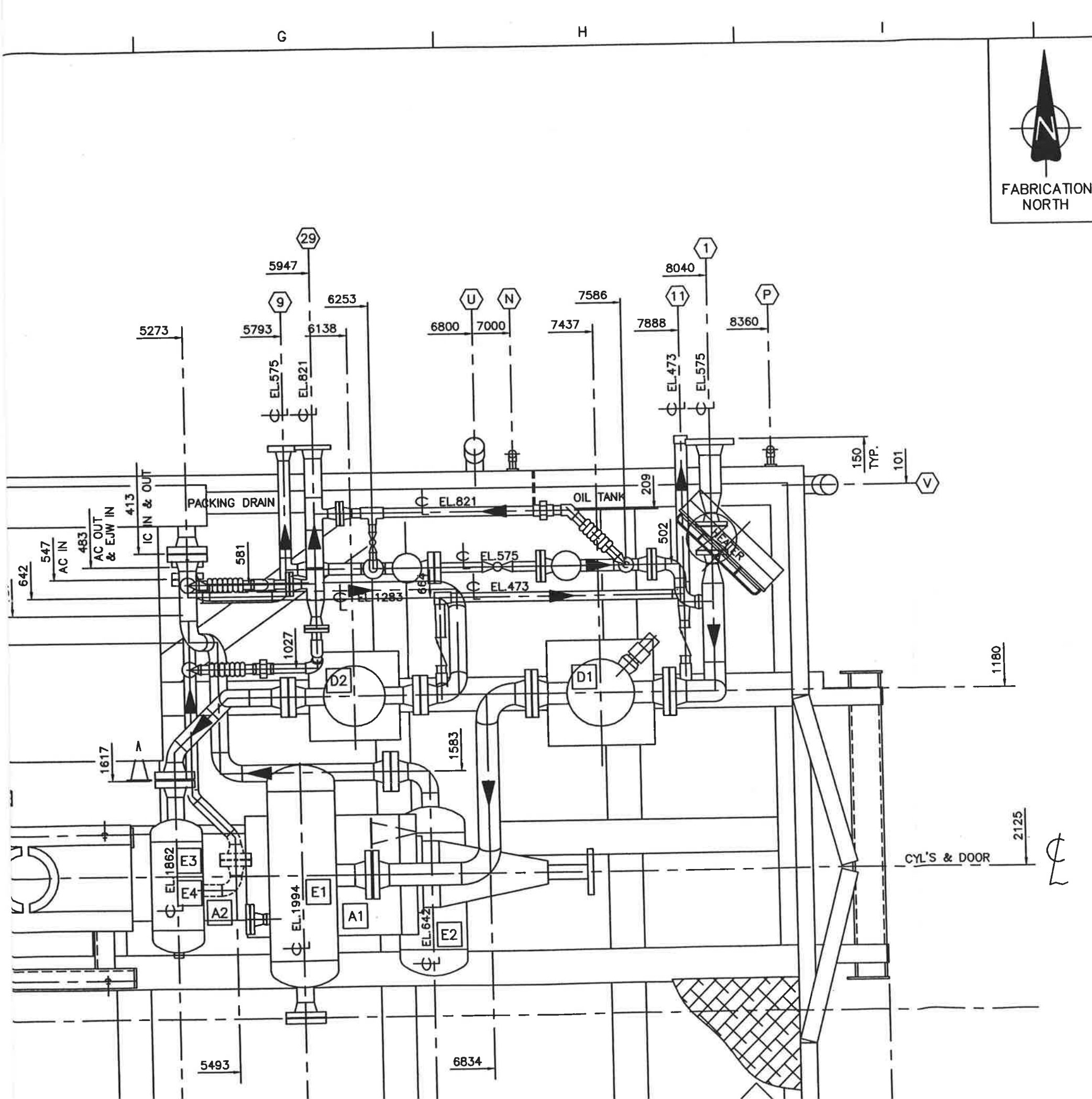
DAY TANK

⌀ EL 2500

⌀ EL 2800
AIR INTAKE

⌀ EL 2118
EJW OUT

⌀ EL 1229 CRANKSHAFT



CUSTOMER CONNECTIONS		
NO.	DESCRIPTION	SIZE
1	STAGE 1 INLET	4"-300# RF
9	FINAL DISCHARGE	2"-600# RF
11	SCRUBBER DRAIN HEADER	2" NPT
29	PRESSURE RELIEF HEADER	3"-150# RF
30	FUEL GAS SUPPLY	1" NPT
34	START GAS SUPPLY	2" NPT
36	INSTRUMENT AIR SUPPLY	1" NPT
58A/B	UNIT GLYCOL DRAIN (LOCAL)	3/4" NPT
60a,b	ENGINE AIR INTAKE	6" TUBE
61	ENGINE EXHAUST	10" TUBE

OTHER CONNECTIONS		
CONN.	DESCRIPTION	SIZE
A	COMPRESSOR OIL TANK FILL (LOCAL)	2" NPT
B	ENGINE OIL TANK FILL (LOCAL)	2" NPT
C	COMPRESSOR OIL TANK FILL	1" NPT
D	ENGINE OIL TANK FILL	1" NPT
E10	HEATER CONNECTION	2" NPT
G	JACKET WATER SURGE FILL	2"-7# PRESS.CAP
H	AUXILIARY WATER SURGE FILL	2"-7# PRESS.CAP
J	CONTROL PANEL VENT	1" NPT
K	START GAS VENT	4" NPT
L	COMPRESSOR CRANK CASE VENT	2" TUBE
M	CONTROL VENT HEADER	1" STACK
N, N1	PACKING / DISTANCE PIECE TANK VENT	1" NPT
P	WASTE OIL TANK VENT	1" STACK
Q	GLYCOL TANK VENT	1" STACK
S	ENGINE OIL TANK VENT	1" NPT
T	COMPRESSOR OIL TANK VENT	1" NPT
U	PACKING / DISTANCE PIECE TANK PUMPOUT	3" NPT
V	WASTE OIL TANK PUMPOUT	3" NPT
W	GLYCOL TANK PUMPOUT	3" NPT

MAJOR COMPONENTS	
AA	COMPRESSOR S/N: 78303
A1	(1) 8-3/4" Dia. YKDTG CLASS CYL. MAWP 425 PSIG. S/N: 3855
A2	(1) 5-1/4" Dia. YKDTG CLASS CYL. MAWP 900 PSIG. S/N: 3855
BB	ENGINE
	(1) AJAX DPC-180 S/N: 78303
CC	COOLER
	(1) ACE J54. S/N: 0500401
C1	(1) ENGINE JACKET WATER SECTION - DESIGN PRESSURE 14 PSIG @ 300/-20 F. S/N: 0500401-1
C2	(1) INTERSTAGE COOLER SECTION - DESIGN PRESSURE 1292 PSIG @ 300/-20 F S/N: 0500401-2
C3	(1) AFTERCOOLER SECTION - DESIGN PRESSURE 1292 PSIG @ 350/-20 F S/N: 0500401-3
DD	SCRUBBERS
D1	14" Dia. x 64" S/S - MAWP: 727 PSIG @ 120F S/N: 050107-1
D2	12" Dia. x 64" S/S - MAWP: 1315 PSIG @ 300F S/N: 050107-2
EE	BOTTLES
E1	14" Dia. x 36 1/4" S/S - MAWP: 727 PSIG @ 120F S/N: ES1455
E2	14" Dia. x 24" S/S - MAWP: 1292 PSIG @ 350F S/N: 89013-03
E3	10" Dia. x 18" S/S - MAWP: 1315 PSIG @ 300F S/N: 90094-05
E4	10" Dia. x 18" S/S - MAWP: 1292 PSIG @ 350F S/N: 8601-11
GG	CONTROL PANEL
	(1) MURPHYMATIC
HH	FUEL GAS SCRUBBER
H1	8" Dia. x 50 3/16" S/S - MAWP: 645 PSIG @ 120F S/N: 040819-07

GENERAL NOTES

1. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNLESS STAMPED "ISSUED FOR CONSTRUCTION".

FACES TO BE ADJUSTED TO WITHIN 1MM IN LOCATION.
HOLES TO BE ALIGNED WITHIN 3mm MAXIMUM OFFSET.

CAD
MAKE NO REVISIONS
TO THIS REPRODUCIBLE

CUSTOMER MATERIAL CONFIRMATION
CONFIRMATION OF CUSTOMER OWNED PIPING MATERIALS WILL REMAIN THE
SOLE RESPONSIBILITY OF THE UNIT'S PRESENT OWNER. PLEASE NOTE THAT
REGISTRATION OF THE COMPLETED PROCESS SYSTEM WILL ALSO REMAIN THE
RESPONSIBILITY OF THE OWNER.

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REPAIR AND MAINTENANCE OF THE PRODUCTS TO WHICH THEY RELATE.

SHIPPING WEIGHTS	KG.	LBS.
	-	-
ENGINE	-	-
COMPRESSOR (C/W CYLINDERS)	-	-
COOLER	1741	3838
VESSELS	-	-
SKID	20200	44500
MISC. & LIQUIDS	-	-
BUILDING	-	-
CRANE	-	-
EXISTING SKID	454	1000
	-	-
	-	-
TOTAL SHIPPING WT.	-	-
SHIPPED LOOSE ITEMS	-	-
TOTAL UNIT WEIGHT	-	-

UNIT DIMENSIONS	LENGTH		WIDTH		HEIGHT	
	mm	ft/in	mm	ft/in	mm	ft/in
MAIN SKID w/ ALL EQUIP. MOUNTED	10134	33'-3"	5325	17'-8"	8789	22'-2 1/2"
SHIPPING DIMENSIONS	9788	32'-1 1/4"	4265	14'-0"	3972	13'-3/8"
COOLER	2429	7'-11 5/8"	1710	5'-7 3/8"	1758	5'-9 1/8"

4	AS BUILT AS PER CS05501	05/09/09	BKF	L.D.
3	ADD FUEL GAS SCRUBBER	05/08/09	BKF	L.D.
2	CHANGE SUCT BOTTLES AND BY-PASS LINE	05/03/28	BKF	L.D.
1	ISSUED FOR CONSTRUCTION	05/03/10	BKF	L.D.
0	ISSUED FOR APPROVAL	05/02/22	BKF	L.D.

REV	DESCRIPTION	DATE	DRAWN BY	CHECKED BY	ENG. BY
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CompressionServices

ENERFLEX

5048-74 Avenue SE Calgary AB Canada T2C 3H2 Canada Tel. +1.403.720.3822 Fax +1.403.720.3765
www.enerflex.com

TITLE:

GENERAL ARRANGEMENT
AJAX DPC-180, ACE J54
COMPRESSOR PACKAGE

FOR:

TRIPOINT ENERGY INC.
(PARADISE, BC)

CONSULTANT: GAS LIQUIDS ENGINEERING LTD.

LSD: 06-25-86-16 W6M

JOB No.: CS05501

P.O.:

DATE: 05/02/22

DESIGN BY: FW

DATE: 05/02/22

DWG. NO.

PHASE #:

DWN BY: FW

CHECKED BY: BKF

DATE: 05/02/25

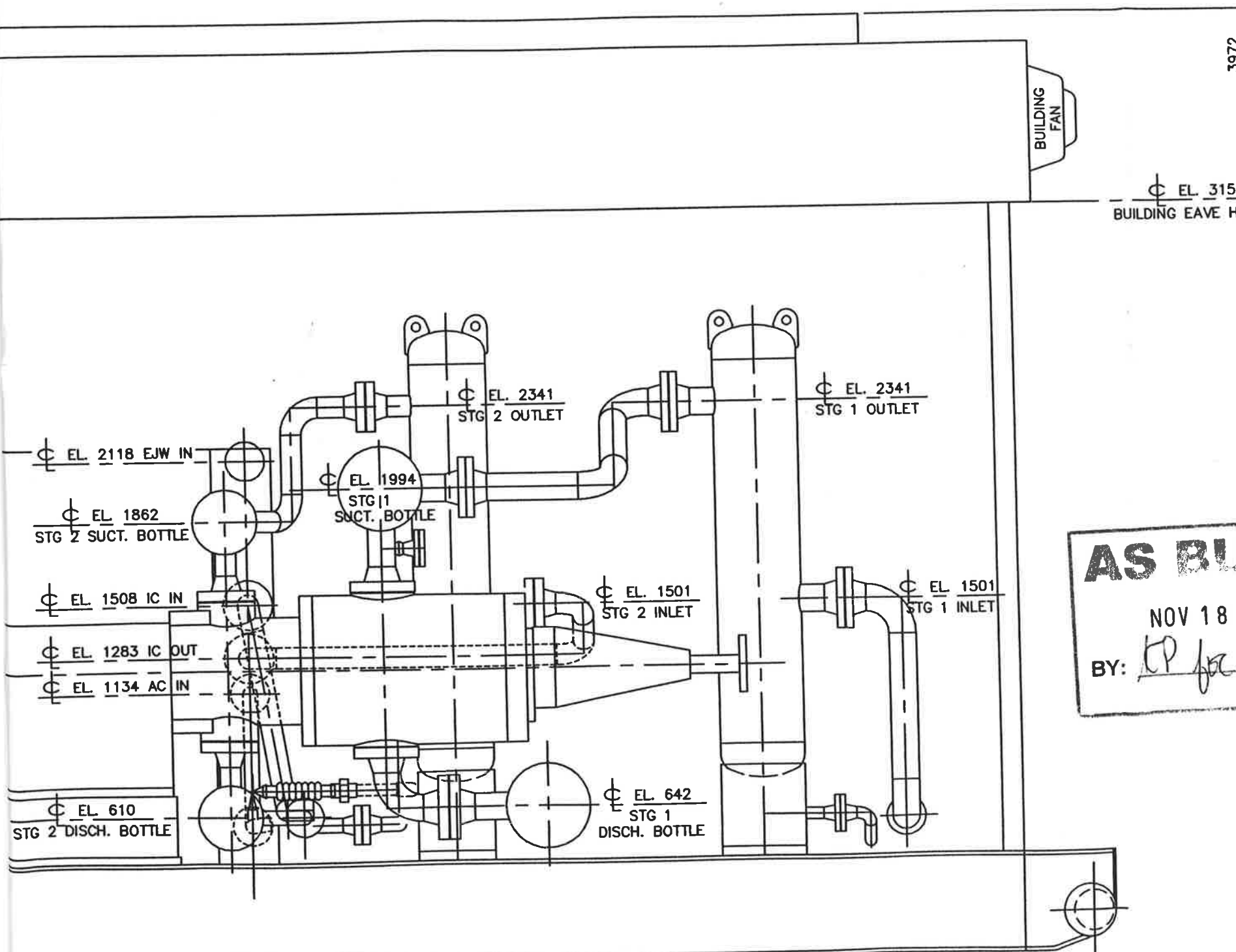
GA05501

50

SCALE: 1:20

APPRV'D BY: L.D.

DATE: 05/02/25



EL. 3159
BUILDING EAVE HEIGHT

AS BUILT

NOV 18 2005

BY: LP for LC

