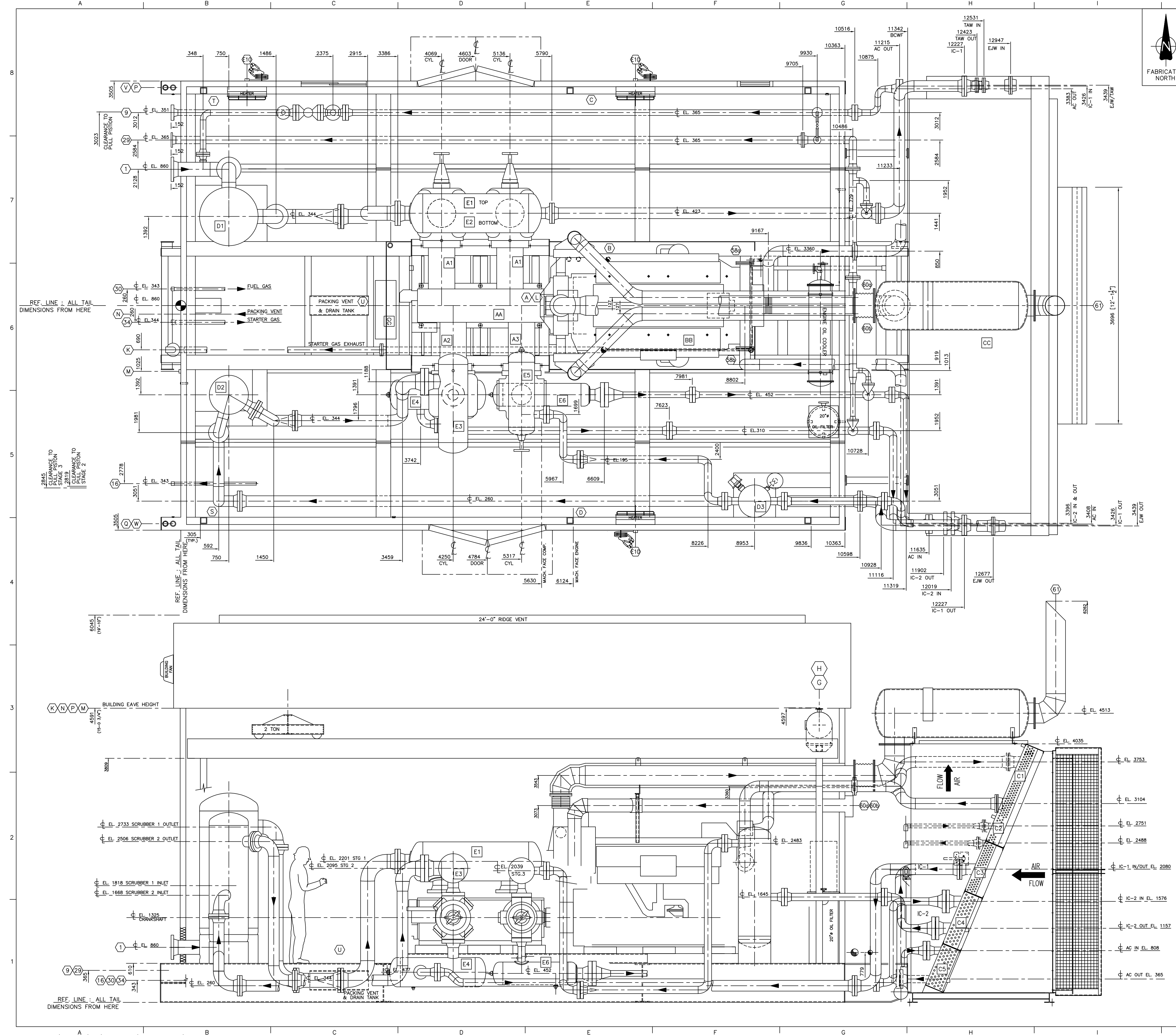


CUSTOMER CONNECTIONS

NO.	DESCRIPTION	SIZE
1	STAGE 1 INLET	8"-300# RF
9	FINAL DISCHARGE	3"-900# RF
16	SCRUBBERS DRAIN HEADER	1"-NPT
29	PRESSURE RELIEF HEADER	4"-150# RF
30	FUEL GAS SUPPLY	1 1/2" 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	8" TUBE
61	ENGINE EXHAUST	12" 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 (3)	1" 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	3" TUBE
L	COMPRESSOR CRANK CASE VENT	2" NPT
M	CONTROL VENT HEADER	1" STACK
N	PACKING / DISTANCE PIECE TANK VENT	1" NPT
P	WASTE OIL TANK VENT	2" NPT
Q	GLYCOL TANK VENT	2" NPT
R	COMPRESSOR OIL TANK VENT	3/4" NPT
S	ENGINE OIL TANK VENT	1 1/2" NPT
U	PACKING / DISTANCE PIECE TANK PUMPOUT	2" NPT
V	WASTE OIL TANK PUMPOUT	2" NPT
W	GLYCOL TANK PUMPOUT	2" NPT

MAJOR COMPONENTS

AA COMPRESSOR
(1) ARIEL JGK/4 S/N: F22836
A1 (2) 13-5/8" Dia. K CLASS CYL. MAMP 635 PSIG S/N: C74767U46933 & C74769U46935.
A2 (1) 9-5/8" Dia. K CLASS CYL. MAMP 1270 PSIG S/N: C-26080U-11725.
A3 (1) 6-1/4" Dia. K CLASS CYL. MAMP 2050 PSIG S/N: C74765U46931.

BB ENGINE
(1) WAUKESHA L7042GSI S/N: TBA.

CC COOLER
(1) AIR-X-CHANGERS, 144EH-104-24 S/N: 884622
C1 (1) ENGINE JACKET WATER SECTION - DESIGN PRESSURE 14 PSIG @ 300/-20 F S/N:
C2 (1) AUXILIARY WATER SECTION - DESIGN PRESSURE 14 PSIG @ 300/-20 F S/N:
C3 (1) INTERSTAGE COOLER SECTION #1 - DESIGN PRESSURE 645 PSIG @ 350F S/N:TBA
C4 (1) INTERSTAGE COOLER SECTION #2 - DESIGN PRESSURE 1292 PSIG @ 350 F S/N:TBA
C5 (1) AFTERCOOLER SECTION - DESIGN PRESSURE 1650 PSIG @ 350F S/N:TBA

DD SCRUBBERS
D1 36" Dia. x 72" S/S - MAMP: 655 PSIG @ 300F S/N: 065192-01
D2 24" Dia. x 68" S/S - MAMP: 655 PSIG @ 300F S/N: 065192-04
D3 20" Dia. x 64" S/S - MAMP: 1315 PSIG @ 300F S/N: 065192-07

EE BOTTLES
E1 24" Dia. x 65" S/S - MAMP: 350 PSIG @ 300F S/N: 98051-04
E2 20" Dia. x 65" S/S - MAMP: 655 PSIG @ 300F S/N: 065192-03
E3 18" Dia. x 48" S/S - MAMP: 655 PSIG @ 300F S/N: M1019-03
E4 18" Dia. x 46" S/S - MAMP: 1292 PSIG @ 350F S/N: 065098-06
E5 16" Dia. x 40" S/S - MAMP: 1315 PSIG @ 300F S/N: 96081-08
E6 12.75" Dia. x 48" S/S - MAMP: 1490 PSIG @ 350F S/N: 94108-04

GG CONTROL PANEL
(1) RC 2000

GENERAL NOTES

- THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNLESS STAMPED "ISSUED FOR CONSTRUCTION".
- DO NOT SCALE THIS DRAWING.
- ALL DIMENSIONS ARE IN MILLIMETERS.
- FOR DESIGN PARAMETERS AND PAINT SPECIFICATION REFER TO PROJECT SCOPE SUMMARY DRAWING NO. 55065192.
- ALL PIPING MUST BE SELF SUPPORTING BEYOND UNIT CONNECTIONS.
- LOCATIONS OF CUSTOMER CONNECTIONS ARE NOT GUARANTEED AS THESE DIMENSIONS MAY BE SUBJECT TO AN ACCUMULATION OF TOLERANCES ON SEVERAL COMPONENTS. MINOR CHANGES MAY ALSO BE MADE ON SCREWED SERVICE PIPING IN ORDER TO FACILITATE INSTALLATION AND MAINTENANCE. ON COMPLETION A FINAL DRAWING WILL BE ISSUED WITH FIELD CONNECTIONS CORRECTED TO 5 mm.
- IT IS CS'S RECOMMENDATION THAT ANY PRE-SPOOLING TO THIS COMPRESSOR PACKAGE CONTAIN FIELD WELDS AT ALL CUSTOMER CONNECTIONS.
- THE FOLLOWING ITEMS WILL BE SHIPPED LOOSE FOR FIELD INSTALLATION BY OTHERS:
MUFFLER, EXHAUST PIPING, PIPING SPOOL'S SURGE TANK, COOLER.
- UNIT WEIGHTS ARE APPROXIMATE AND MAY BE SUBJECT TO CHANGE UPON COMPLETION OF FABRICATION. FOUNDATION DESIGN IN GENERAL, PILE DESIGN, PILE LOCATION AND QUANTITY OF PILES ARE THE RESPONSIBILITY OF THE CUSTOMER.
- ** WILL INDICATE AS-BUILT.
- PIPING FLANGES ASSEMBLY TO COMPLY WITH ASME B31.3, SECTION 335.1.1. MATING PIPE FLANGE FACES TO BE ALIGNED TO WITHIN 1mm in 200mm MEASURED ACROSS THE DIAMETER. FLANGE BOLT HOLES TO BE ALIGNED WITHIN 3mm MAXIMUM OFFSET.

COMPRESSOR UNBALANCED FORCES @ 1200 RPM		
	PRIMARY	SECONDARY
HORIZONTAL FORCE, KIPS	0.153	0.043
VERTICAL FORCE, KIPS	0.00	0.00
HORIZONTAL COUPLE, KIPS-FT	10.053	1.833
VERTICAL COUPLE, KIPS-FT	16.905	0.00

*Traffic Loading Only
Does Not Include Gas Loading

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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SHIPPING WEIGHTS		KG.	LBS.
ENGINE		9523	20995
COMPRESSOR (C/W CYLINDERS)		6935	15290
COOLER		6577	14500
VESSLES		6046	13330
SKID		35530	78330
MISC. & LIQUIDS		6329	13992
BUILDING		4285	9381
CRANE		2860	6305
		-	-
		-	-
TOTAL SHIPPING WT.		80055	176493
SHIPPED LOOSE ITEMS		16580	36550
TOTAL UNIT WEIGHT		96635	213043

UNIT DIMENSIONS		LENGTH		WIDTH		HEIGHT	
		mm	ft/in	mm	ft/in	mm	ft/in
MAIN SKID w/ ALL EQUIP. MOUNTED		14250	46'-9"	7766	25'-0"	6200	20'-4"
SHIPPING DIMENSIONS		11654	38'-3"	7214	23'-8"	6045	19'-10"
COOLER		2720	8'-11"	7850	25'-9"	4100	13'-5 1/2"

REV	DESCRIPTION	DATE	DRAWN BY	CHECKED BY	ENG. BY
2	AS BUILT	06/10/24	DZ	TD	DR
1	ISSUED FOR CONSTRUCTION	06/06/19	DZ	TD	DR
0	ISSUED FOR APPROVAL	06/06/19	DZ	TD	DR

CompressorServices

5049-74 Avenue SE Calgary AB Canada T2C 3P2 Canada Tel. +1.403.720.3822 Fax +1.403.720.3765
www.enerflex.com

ENERFLEX

TITLE: GENERAL ARRANGEMENT
ARIEL JGK/4, WAUKESHA L7042 GSI, A-X-L 144EH
COMPRESSOR PACKAGE

FOR: COMPRESSION SERVICES (STOCK)

CONSULTANT: P.O.:
DATE: 06/06/19
DWN BY: DZ
SCALE: 1:25

DESIGN BY: DZ
CHECKED BY: TD
APPR'D BY: DR

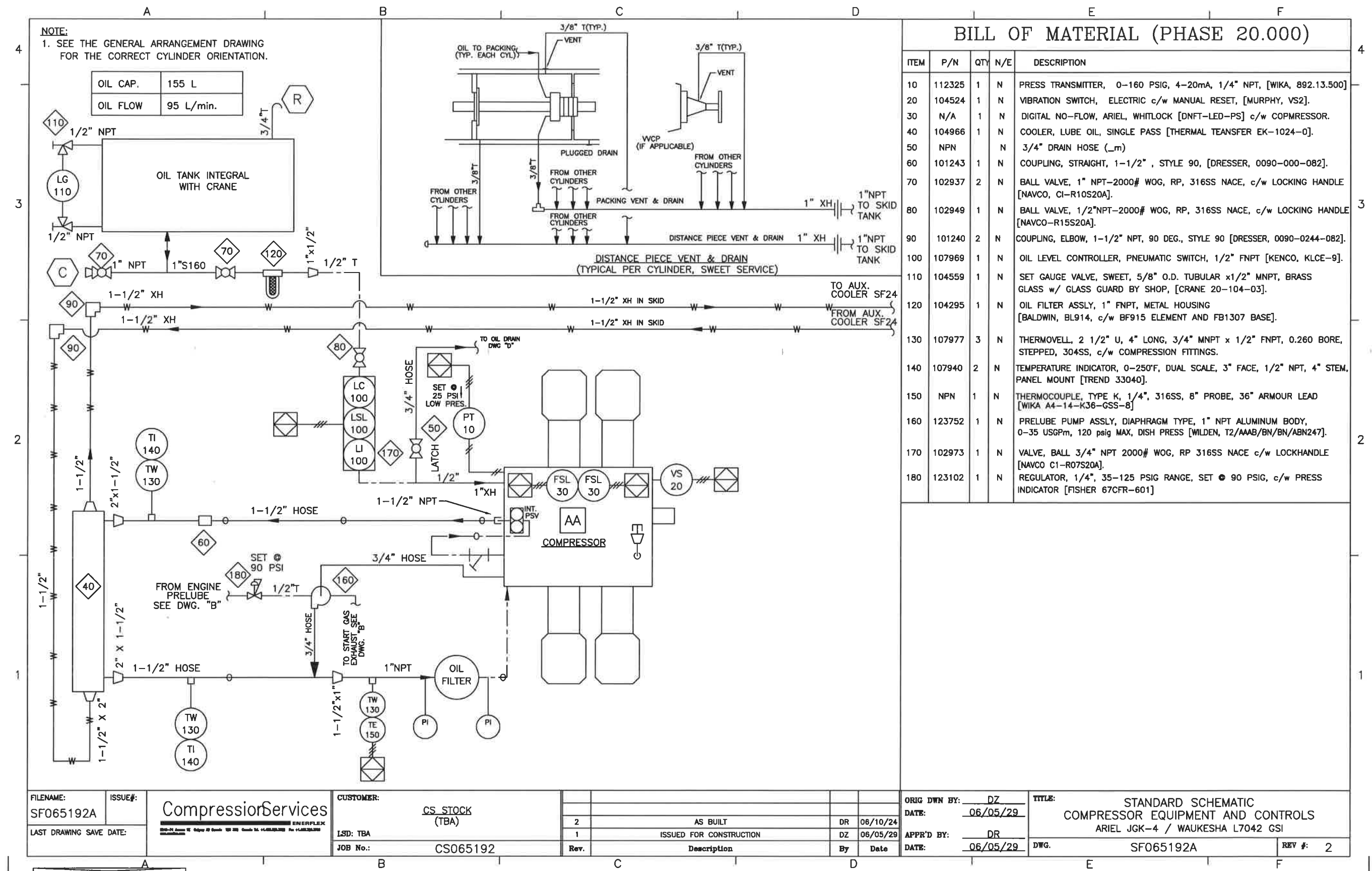
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DATE: 06/06/19

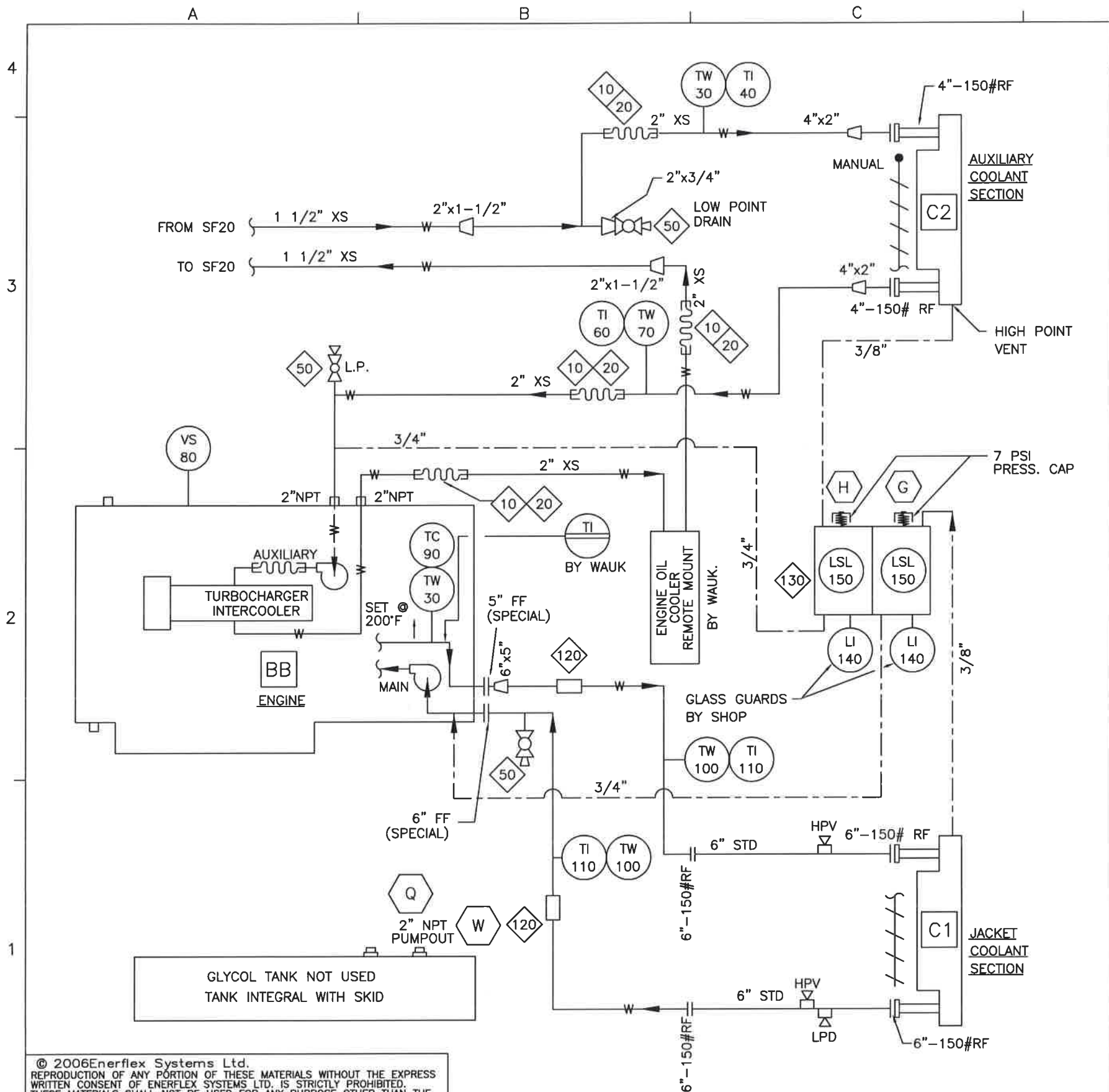
LSO: TBA
JOB NO.: CS065192
DWG. NO.: PHASE #:
GA065192 10

Drawing: GA065192 / Date: 06/06/19 / Time: 10:22 AM / User: ID: DZ / Code: AP



		5325 - 93rd Street N.W. Edmonton, Alberta, Canada T6E 5R4 403/236-5252 Main 800/661-5252 Toll Free 403/236-4261 Fax	
PROCESS & INSTRUMENTATION DIAGRAM ARIEL JGK-4, WAUKESHA L7042-GSI, AIR-X-LIMITED 144EH COMPRESSOR PACKAGE			
CONSULTANT: SIGMA 3 ENGINEERING		CUSTOMER/END USER: CROCOTTA ENERGY INC.	
LOCATION: EDMONTON LSD:		WORK ORDER No.	
DRAWN: J NELLES		UNIT No. 804449-1	
DATE:		No. REQ'D: 1	
CHK'D:		DWG REF.	
PROJ. MGR.		SCALE: NTS	
		1 OF 1	



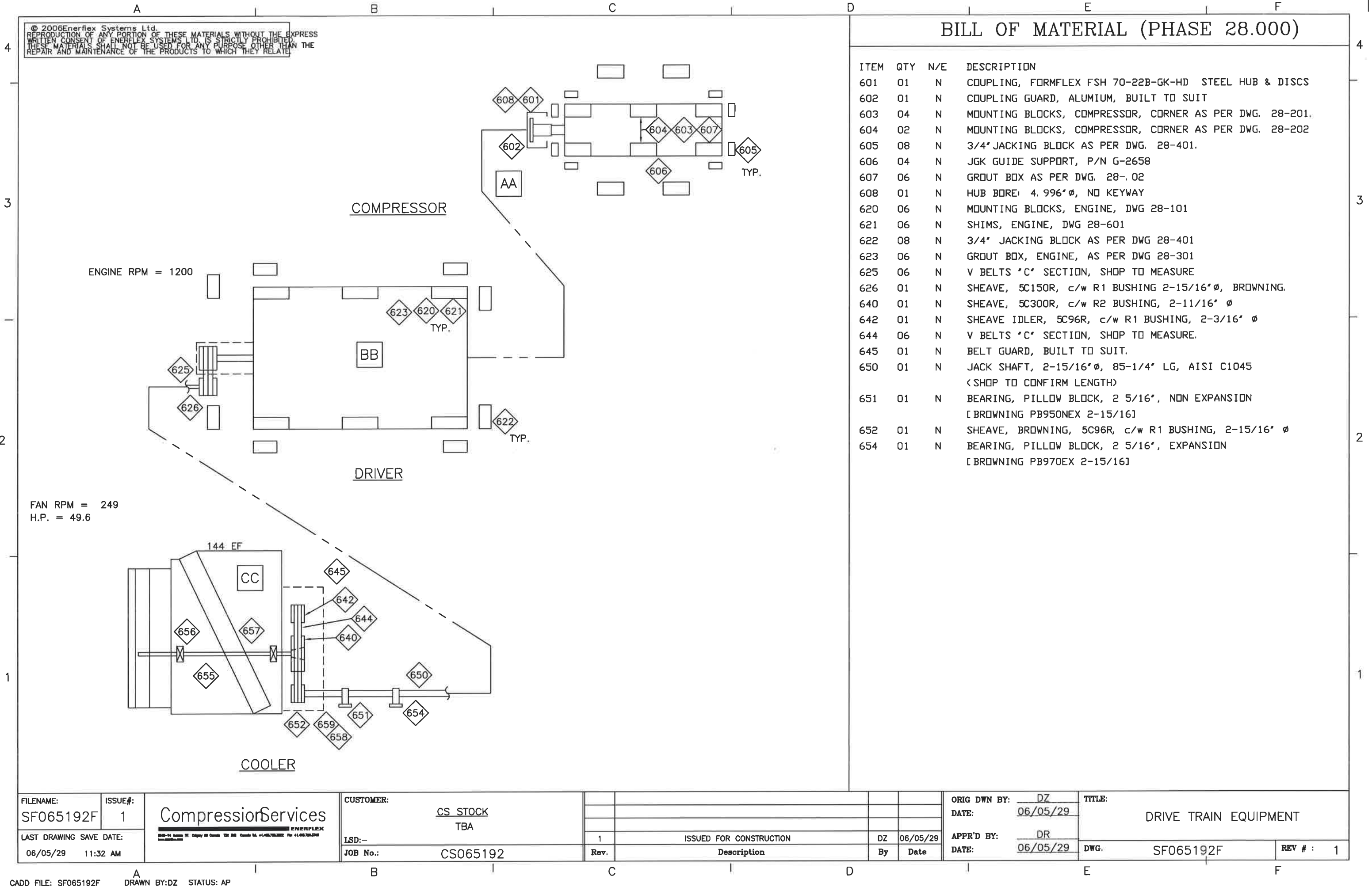


BILL OF MATERIAL PHASE 24

ITEM	QTY	N/E	P/N	DESCRIPTION
10	4	N	CONS.	HOSE, 2", SINGLE WIRED BRAID. 350 PSI MAWP [1503-32]
20	8	N	CONS.	FITTING, HOSE, 2" NPT [412-32-32]
30	2	N	107978	THERMOWELL, 1/2" FNPT x 3/4" MNPT x 4" LONG, 316SS, 0.260 BORE, STEPPED, [WIKA 31-91100]
40	1	N	107943	GAUGE, TEMPERATURE, 0-250°F, DUAL, 3" FACE, BM, 1/2" MNPT, 4" STEM [TREND SF0040]
50	3	N	102973	VALVE, BALL, 3/4" NPT, 2000# WOG, RP, 316SS, C/W LOCKING HANDLE [NAVCO C1-R07S20A]
60	1	N	107964	GAUGE, TEMP, 0-250°F, DUAL, 3" FACE, BM, 1/2" MNPT x 2-1/2" STEM [TREND 33025]
70	1	N	TBD	THERMOWELL, 1/2" FNPT x 3/4" MNPT x 1-3/8" U, 316SS, 0.260 BORE, [WIKA AQ-34-1.375-2.875-R/RL]
80	1	N	104524	SWITCH, VIBRATION, ELECTRICAL, C/W MANUAL RESET [MURPHY VS2]
90	1	N	TBD	THERMOCOUPLE, K TYPE, 316SS, 1/4", 8" PROBE, 36" ARMOUR LEAD [WIKA A4-14-K36-GSS-8]
100	2	N	118366	THERMOWELL, 1/2" FNPT x 3/4" MNPT x 6" LONG, 4-1/2"U, 316SS, 0.260 BORE, STEPPED, [WIKA 31-91150]
110	2	N	107948	GAUGE, TEMP, 0-250°F, DUAL, 3" FACE, BM, 1/2" MNPT x 6" STEM [TREND 33060]
120	2	N	101238	COUPLING, STRAIGHT, 6", STYLE 38 [DESSER 0038-0057-011]
130	1	N	N/A	SURGE TANK, 2 COMPARTMENT, 150/59L CAD FOR L7042GSI DWG-24-404
140	2	N	104559	SET GAUGE VALVE, SWEET, 5/8" O.D. TUBULAR x 1/2" MNPT, BRASS GLASS W/ GLASS GUARD BY SHOP, [CRANE, 20-104-03]
150	2	N	104499	SWITCH, LEVEL, 2" NPT, SP, CSA, SPOT c/w BUOYGLASSFLOAT. [MURPHY L1200]

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FILENAME: SF065192C	ISSUE#: 1	CUSTOMER: CS STOCK (TBA)	AS BUILT	DR	06/10/24	ORIG DWN BY: DZ	TITLE: COOLING SYSTEM SCHEMATIC
LAST DRAWING SAVE DATE: 06/10/24 5:36 PM		LSD: TBA	ISSUED FOR CONSTRUCTION	DZ	06/05/29	DATE: 06/05/29	ENGINE EQUIPMENT AND CONTROLS
		JOB No.: CS065192	Rev.	By	Date	DATE: 06/05/29	WAUKESHA L7042GSI
						DWG. SF065192C	REV #: 2



BILL OF MATERIAL (PHASE 28.000)

ITEM	QTY	N/E	DESCRIPTION
601	01	N	COUPLING, FORMFLEX FSH 70-22B-GK-HD STEEL HUB & DISCS
602	01	N	COUPLING GUARD, ALUMIUM, BUILT TO SUIT
603	04	N	MOUNTING BLOCKS, COMPRESSOR, CORNER AS PER DWG. 28-201.
604	02	N	MOUNTING BLOCKS, COMPRESSOR, CORNER AS PER DWG. 28-202
605	08	N	3/4" JACKING BLOCK AS PER DWG. 28-401.
606	04	N	JGK GUIDE SUPPORT, P/N G-2658
607	06	N	GRDUT BOX AS PER DWG. 28-. 02
608	01	N	HUB BORE: 4.996" Ø, NO KEYWAY
620	06	N	MOUNTING BLOCKS, ENGINE, DWG 28-101
621	06	N	SHIMS, ENGINE, DWG 28-601
622	08	N	3/4" JACKING BLOCK AS PER DWG 28-401
623	06	N	GRDUT BOX, ENGINE, AS PER DWG 28-301
625	06	N	V BELTS 'C' SECTION, SHOP TO MEASURE
626	01	N	SHEAVE, 5C150R, c/w R1 BUSHING 2-15/16" Ø, BROWNING.
640	01	N	SHEAVE, 5C300R, c/w R2 BUSHING, 2-11/16" Ø
642	01	N	SHEAVE IDLER, 5C96R, c/w R1 BUSHING, 2-3/16" Ø
644	06	N	V BELTS 'C' SECTION, SHOP TO MEASURE.
645	01	N	BELT GUARD, BUILT TO SUIT.
650	01	N	JACK SHAFT, 2-15/16" Ø, 85-1/4" LG, AISI C1045 <SHOP TO CONFIRM LENGTH>
651	01	N	BEARING, PILLOW BLOCK, 2 5/16", NON EXPANSION [BROWNING PB950NEX 2-15/16]
652	01	N	SHEAVE, BROWNING, 5C96R, c/w R1 BUSHING, 2-15/16" Ø
654	01	N	BEARING, PILLOW BLOCK, 2 5/16", EXPANSION [BROWNING PB970EX 2-15/16]

FILENAME: SF065192F	ISSUE#: 1	CompressorServices ENERFLEX 2540-24 Avenue NE Calgary AB Canada T2C 2B8 Canada Tel: +1(403)781-2000 Fax: +1(403)781-2006	CUSTOMER: CS STOCK TBA			ORIG DWN BY: DZ	TITLE:	
LAST DRAWING SAVE DATE: 06/05/29 11:32 AM			LSD:-			DATE: 06/05/29	DRIVE TRAIN EQUIPMENT	
JOB No.: CS065192		1	ISSUED FOR CONSTRUCTION	DZ	06/05/29	APPR'D BY: DR	DWG. SF065192F	REV # : 1
		Rev.	Description	By	Date	DATE: 06/05/29		