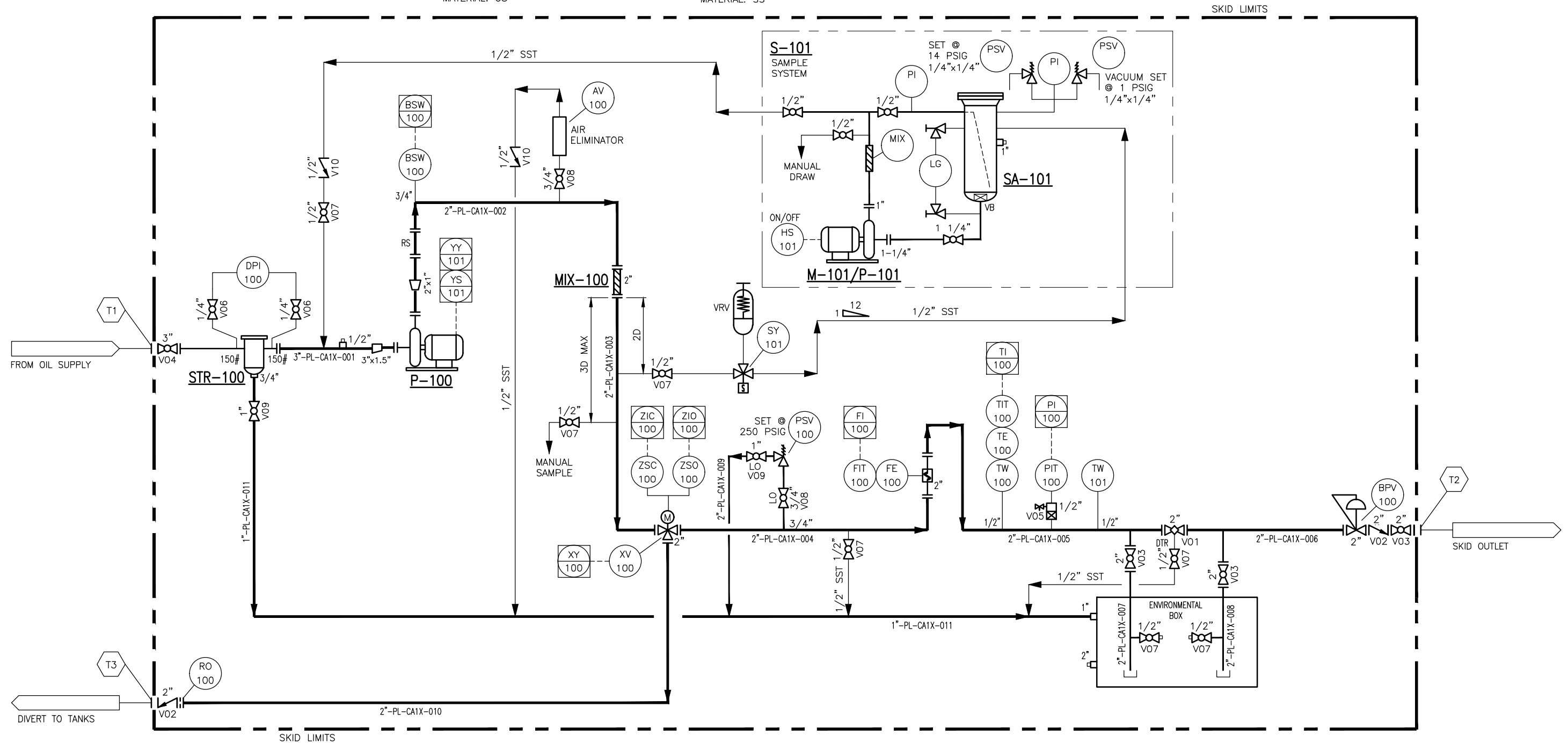


STR-100
 INLINE BASKET STRAINER
 TYP: TITAN SIMPLEX
 MODEL: BS85-CS
 DESIGN: 200 PSIG @ 150°F
 MATERIALS: BODY; CARBON STEEL/BASKET; 304SS, 1/4" PERF.

P-100
 CENTRIFUGAL PUMP
 MANUFACTURER: PUMP WORKS INDUSTRIAL
 MODEL: 1X1.5X8PWA
 FLOWRATE: 12 GPM @ 60 PSIG
 POWER: 10 HP
 MATERIAL: CS

MIX-100
 STATIC MIXER
 TYPE: INLINE
 MANUFACTURER: STATIFLO
 MODEL: SERIES 100
 SIZE: 2" 150#
 MATERIAL: SS

S-101
 HYDROCARBON SAMPLE SYSTEM
 MANUFACTURER: C&J
 CAPACITY: 15 GALLONS
 PUMP/MOTOR: 1 HP/120VAC
 DESIGN: 15 PSIG @ 100°F



INTEGRATED FLOW SOLUTIONS

6461 REYNOLDS RD, TYLER, TEXAS, USA 75708
 PHONE NUMBER: +1 (903) 595-6511
 EMAIL: SUPPORT@IFSOLUTIONS.COM

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0	08JUN18	ISSUED FOR INFORMATION/CONSTRUCTION	RR	WS	
REV.	DATE	DESCRIPTION	DES	ENG	

PROJECT: IFS 2,500 BPD LACT UNIT
 CUSTOMER NAME: TBD
 END USER: TBD
 TAG NUMBER: TBD
 CUSTOMER PO#: TBD

PIPING & INSTRUMENTATION DIAGRAM LACT SKID 2,500 BPD

CLIENT No.:

SCALE: NONE

PM.: D. POLLAN

SECTION

JOB

SHEET

TOTAL
SHEETS

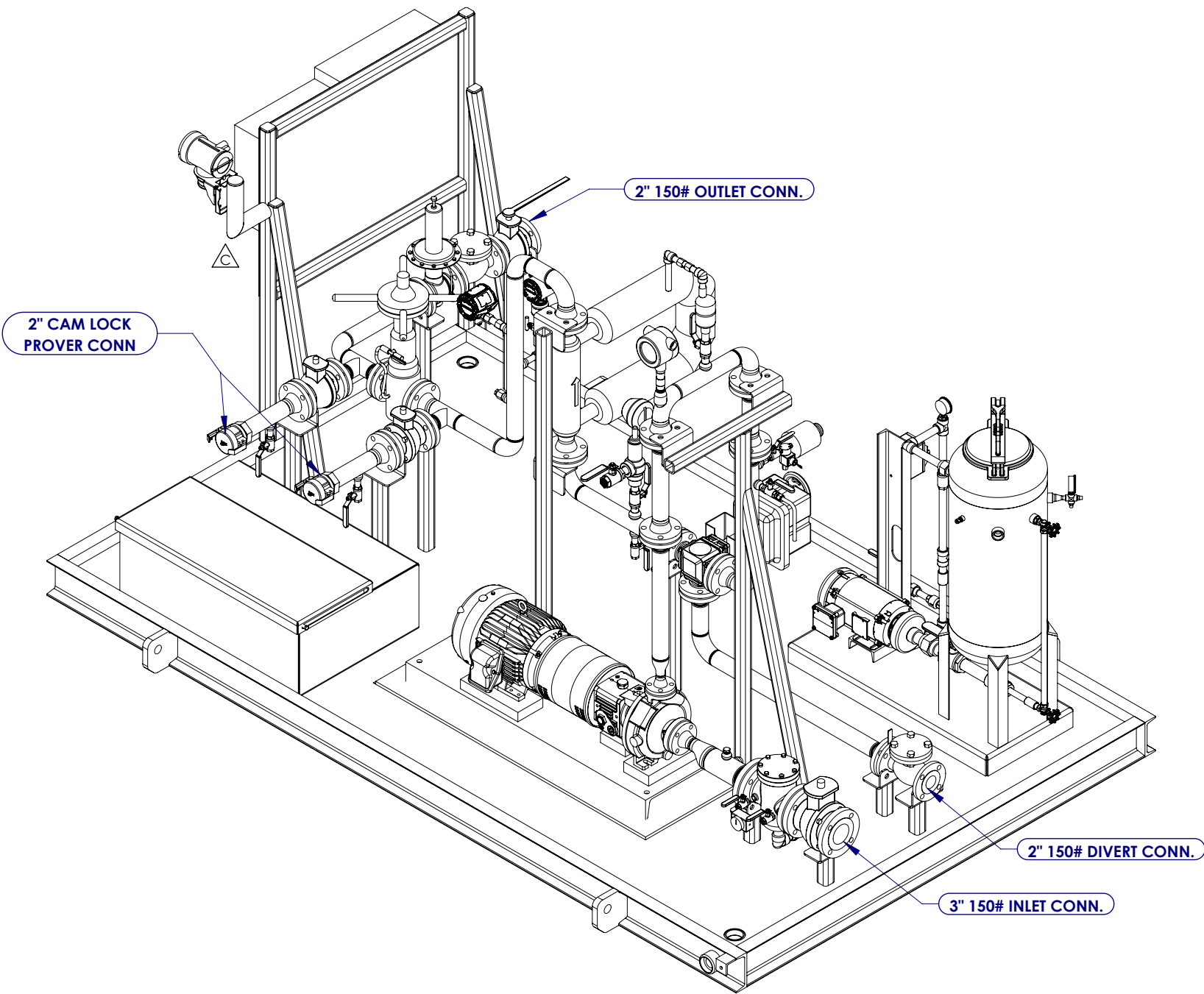
REV.

P - 25391 - 01

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GENERAL ARRANGEMENT
IFS 2" 150# STOCK LACT



ITEM	QTY	PART NUMBER	DESCRIPTION	WEIGHT EA
1	1	2627-4001	SPOOL 01	17
2	1	2627-4002	SPOOL 02	16
3	1	2627-4003	SPOOL 03	16
4	1	2627-4004	SPOOL 04	22
5	1	2627-4005	SPOOL 05	22
6	1	2627-4006	SPOOL 06	22
7	1	2627-4007	SPOOL 07	29
8	1	2627-4008	SPOOL 08	44
9	1	2627-4009	SPOOL 09	26
10	1	2627-4010	SPOOL 10	10
11	1	2627-4011	SPOOL 11	10
12	1	2" SERIES 100	2627- STATIC MIXER (Customer supplied)	14
13	1	1X1.5X8 PWA/ECP3771T-4	PWA PUMP 1 x 1.5 x 8	778
14	1	3-BF11-ACD1L	VALVE, BALL, 3" ,150#, API 608, RF, FP	49
15	1	2-BF11-ACD1L	VALVE, BALL, 2" ,150#, API 608, RF, FP	23
16	2	2-BF11-ACD1L	VALVE, BALL, 2" ,150#, API 608, RF, FP	23
17	1	BS-85-CS	BASKET STRAINER, 3", 150#, TITAN	78
18	2	137XU-N	VALVE, CHECK, 2", 150#, RF, SWING	30
19	1	MPF15-CS-T-FFS-N-050	3-WAY VALVE, 2" 150#	37
20	1	LADCWX1000L3UP	ACTUATOR, ELECTRIC, VALVCON, LADCWX 1000	22
21	1	CMF200M418N2BAEZZZ	CORIOLIS METER, MODEL: CMF200/300 W/ 2700 REMOTE MOUNT TRANSMITER	
22	1	D711	VALVE, DB&B, 2", 150#, RF, FRANKLIN	64
23	2	-	CAMLOCK, 2", W/ D.C. DUST CAP	2.1
24	2	-	VALVE, BALL, 1", NPT, FP	2
25	2	-	VALVE, BALL, 3/4", NPT, FP	1
26	4	-	VALVE, BALL, 1/2", NPT, FP	1
27	3	-	VALVE, BALL, 1/4", NPT, FP	1
28	1	-	VALVE, PRESSURE RELIEF, 3/4" x 1", TAYLOR 8200 SERIES	8
29	1	-	MANUAL SAMPLE PROBE, 1/2" PROCESS CONNECTION, 1661-P-4-1.5-7	1
30	1	1661-P-1-1.5-7	AUTOMATIC SAMPLE PROBE, 1/2" NPT PROCESS X 1/4" NPT INSTRUMENT X 2-1/2" U, TMS	0
31	1	71315SNEVJ1H111C2	SOLENOID VALVE, 3-WAY, 1/4" NPT, 24 VDC, PARKER	
32	1	3L-VR-15R-100	VOLUME REGULATOR, 1/4" NPT, CAMERON	5
33	1	214CRTSMB1S4E0042SLE5XAXW	TEMPERATURE INDICATING TRANSMITTER W/ RTD & THERMOWELL, ROSEMOUNT	2
34	1	2051TG3A2B21AE5M5Q4QB	PRESSURE INDICATING TRANSMITTER, ROSEMOUNT W/ TWO VALVE MANIFOLD	10
35	1	-	THERMOWELL 3/4" X 1/2" INSTRUMENT, 3" U INSERTION, 1/4" BORE W/CAP & CHAIN	1
36	1	-	GAUGE, DP, 30-0-30	0.4
37	1	11-AV	AIR ELIMINATOR, 3/4" INLET, 1/2" OUTLET, ARMSTRONG	2
38	1	-	VALVE, CHECK, 1/2" DFT	0
39	1	550-232-12A1	VALVE, BACK PRESSURE, 2, 150#, RFF, PATHWAY SERIES 550	43
40	1	UC01020000-253-D	WATER CUT MONITOR: DREXELBROOK UNIVERSAL IV CM, 3/4" NPT, 23.75" U	3
41	1	2627-2000	SKID BASE	2105
42	1	-	DRAIN PAN, 12" X 24" X 36", 44 GAL.	
43	1	2627-8001	SAMPLE CONTAINER ASSEMBLY (15 GAL)	378
44	1	-	ORIFICE PLATE, 2" 150# PADDLE TYPE, 0.74 DIA.	0
45	1	4838	FLOW COMPUTER	15
46	1	-	JUNCTION BOX, NEMA 4, 20"X20"X8"	10
47	1	2700R12ABAEZZZPK	MULTIVARIABLE FLOW DENSITY TRANSMITTER REMOTE MOUNT	10

REVISIONS					
REV.	DESCRIPTION	DRAWN	CHECKED	APPRVD	DATE
A	RELEASED FOR REVIEW	SKN	AB	CS	06/19/18
B	RELEASED FOR REVIEW	SKN	AB	CS	06/25/18
C	ADDED BRACKET FOR REMOTE TRANSMITTER AND SHORTENED SPOOL 8	AB	DP	BS	07/04/18

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REMOVE ALL SHARP CORNERS AND BURRS	TOLERANCE UNLESS OTHERWISE SPECIFIED	MACHINE
CONCENTRICITY ±.005 TIR	FABRICATION	0-24" ±.1
FLATNESS ±.010 OR AS SHOWN	24"-60" ±1/8"	X ±.05
PARALLELISM ±.010 IN 5 INCHES	60"-120" ±3/16"	XX ±.005
STRAIGHTNESS ±.005 IN 5 INCHES	120"-280" ±1/4"	ANGLE ± 1°
SQUARENESS ±.010 IN 5 INCHES	280"-OVER ±1/2"	
TRUE POSITION .005	ANGLE ± 2°	
	SURFACE ROUGHNESS √XX	

NAME	DATE
DRAWN SKN	06/13/18
CHECKED AB	06/18/18
APPROVED CS	06/19/18

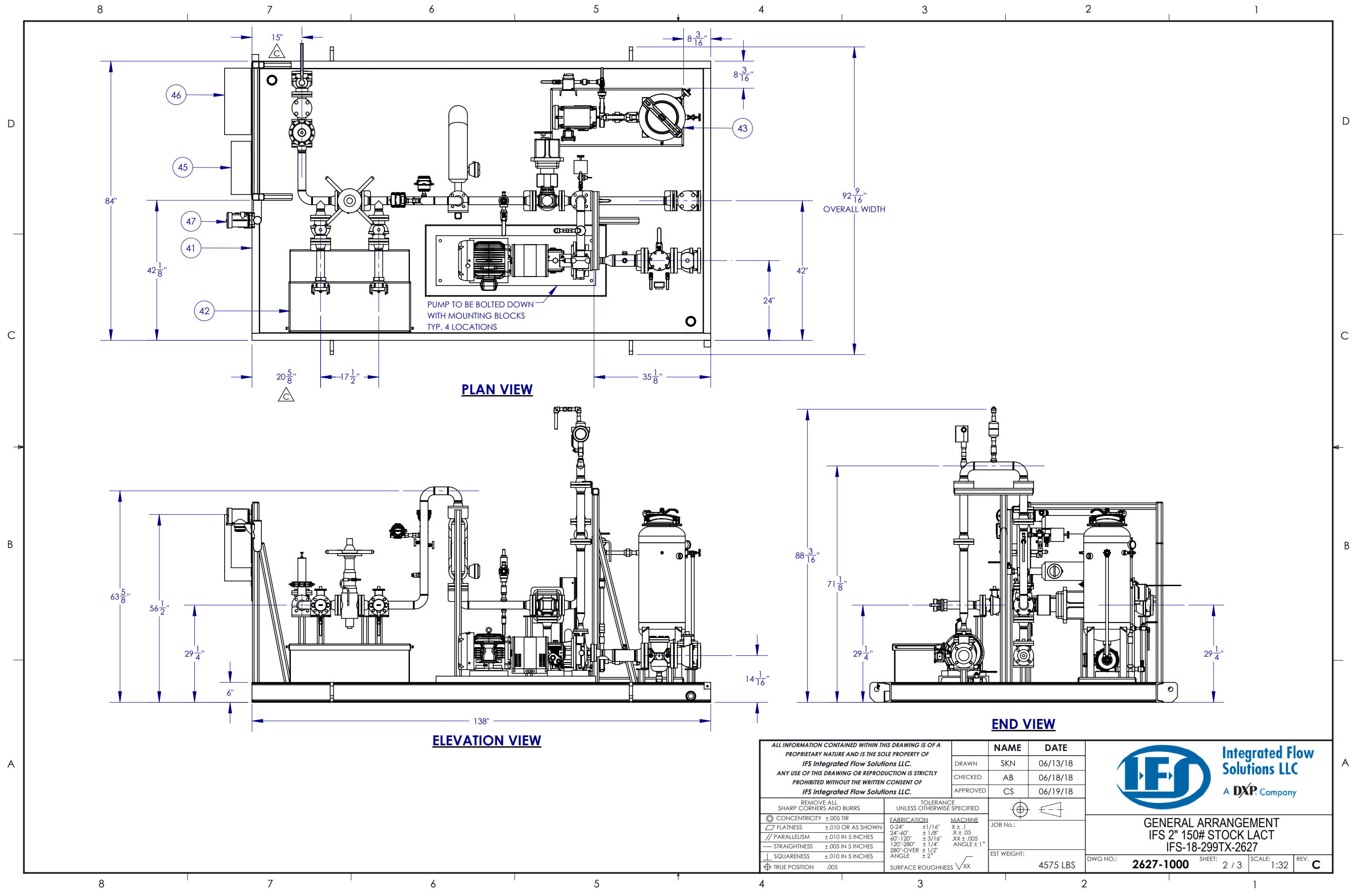
JOB No.:

EST WEIGHT: 4575 LBS

Integrated Flow Solutions LLC
A DXP Company

GENERAL ARRANGEMENT
IFS 2" 150# STOCK LACT
IFS-18-299TX-2627

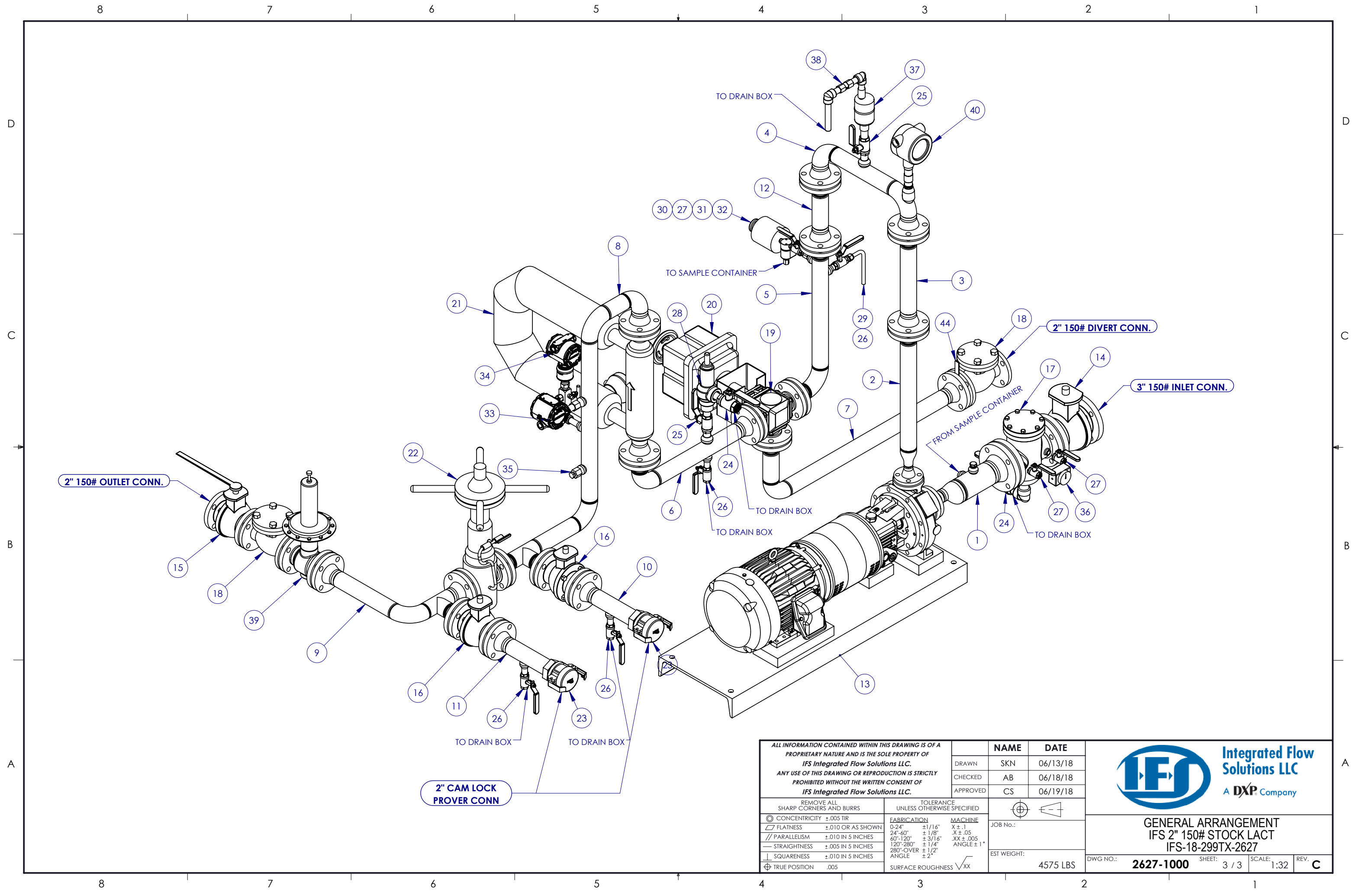
DWG No.:	2627-1000	SHEET: 1 / 3	SCALE: 1:32	REV. C
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		DRAWN	SKN 06/13/18
		CHECKED	AB 06/18/18
APPROVED		CS	06/19/18
REMOVE ALL SHARP CORNERS AND BURRS			
TOLERANCE UNLESS OTHERWISE SPECIFIED			
CONCENTRICITY	±.005 TIR		
FLATNESS	±.010 OR AS SHOWN		
PARALLELISM	±.010 IN 5 INCHES		
STRAIGHTNESS	±.005 IN 5 INCHES		
SQUARENESS	±.010 IN 5 INCHES		
TRUE POSITION	.005		
FABRICATION		MACHINE	JOB No.: EST WEIGHT: 4575 LBS
0-24" ±1/16"		X ±.1	
24"-60" ±1/8"		X ±.05	
60"-120" ±3/16"		XX ±.005	
120"-280" ±1/4"		ANGLE ±1°	
280"-OVER ±1/2"		ANGLE ±2°	
SURFACE ROUGHNESS √XX			
DWG NO.: 2627-1000		SHEET: 2 / 3	SCALE: 1:32
REV. C			

Integrated Flow Solutions LLC
A DXP Company

GENERAL ARRANGEMENT
IFS 2" 150# STOCK LACT
IFS-18-299TX-2627



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REMOVE ALL SHARP CORNERS AND BURRS	TOLERANCE UNLESS OTHERWISE SPECIFIED	
CONCENTRICITY $\pm .005$ TIR	FABRICATION	MACHINE
FLATNESS $\pm .010$ OR AS SHOWN	0-24" $\pm 1/16"$	X $\pm .1$
PARALLELISM $\pm .010$ IN 5 INCHES	24"-60" $\pm 1/8"$	X $\pm .05$
STRAIGHTNESS $\pm .005$ IN 5 INCHES	60"-120" $\pm 3/16"$	XX $\pm .005$
SQUARENESS $\pm .010$ IN 5 INCHES	120"-280" $\pm 1/4"$	ANGLE $\pm 1^\circ$
TRUE POSITION $.005$	280"-OVER $\pm 1/2"$	ANGLE $\pm 2^\circ$
	SURFACE ROUGHNESS $\sqrt{XX}$	

NAME	DATE
DRAWN SKN	06/13/18
CHECKED AB	06/18/18
APPROVED CS	06/19/18

JOB No.:

EST WEIGHT: 4575 LBS



Integrated Flow Solutions LLC
A DXP Company

GENERAL ARRANGEMENT
IFS 2" 150# STOCK LACT
IFS-18-299TX-2627

DWG NO.: 2627-1000	SHEET: 3 / 3	SCALE: 1:32	REV. C
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