Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
						CONNECTOR INSTALLED,KENCO,KLCE26FS81039		
		2000	980	3	EXT-188235	OIL LEVEL CONTROLLER/SWITCH,ELECTRIC,INLET(S) - NPS 1/2 FNPT,OUTLET(S) - (3) NPS 3/4 FNPT,PRESSURE RANGE= 0.87/10.8 PSI,SWITCH RATING= 15A AT 125/250/480 VAC OR 0.5A AT 125 VDC OR 0.25A AT 250 VDC,ALUMINUM ENCLOSURE - DUAL HAZARDOUS AREA CERTIFICATION- CSA CERTIFIED CLASS I,DIVISION. 1 AND 2, GRADE. B,C,D AND ATEX CERTIFIED II2G EX D 2B+H2 T5,COMES WITH UNIVERSAL MOUNTING BRACKET,SPDT SWITCH,COMES WITH FIRESAFE VALVES, INCLUDES TURCK P-RSFV 40 EX-*/14.5/NPT CONNECTOR INSTALLED,KENCO,KLCE9FS-81039	1	
PSV-1111	1ST STAGE SUCTION PSV	2000	1000	3	EXT-184912	VALVE,RELIEF,SNAP PILOT DESIGN,RF x RF,CLASS 300 x CLASS 150,NPS 4 x NPS 6,N ORIFICE,4.909 IN2,ASME SA-216-WCB CAST STEEL BODY,SET AT 275 PSI,ASME SECTION VIII - Div 1,PILOT DETAILS= G-1100009,BONNET MATL= CARBON STEEL,NOZZLE MATL= TYPE 316 STAINLESS STEEL,DISC MATL= TYPE 316 STAINLESS STEEL,SEAL MATL= FLUOROCARBON/BUNA-N,SEAT MATL= PTFE,SPRING MATL= 17-7 PH STAINLESS STEEL,RELIEVING TEMP= 200 DEG F,OPERATING TEMP= 50 DEG F,PRESSURE SNUBBER,MTR AND CERTIFICATE OF CONFORMANCE,MERCER VALVE,9571N1347S	1	
PSV-1113	1ST STAGE DISCHARGE PSV	2000	1001	3	EXT-184914	VALVE,RELIEF,SNAP PILOT DESIGN,RF x RF,CLASS 300 x CLASS 150,NPS 4 x NPS 6,P ORIFICE,7.069 IN2,ASME SA-216-WCB CAST STEEL BODY,SET AT 275 PSI,ASME SECTION VIII - Div 1,PILOT DETAILS= G-1100009,BONNET MATL= CARBON STEEL,NOZZLE MATL= TYPE 316 STAINLESS STEEL,DISC MATL= TYPE 316 STAINLESS STEEL,SEAL MATL= VITON/BUNA-N,SEAT MATL= TEFLON,SPRING MATL= 17-7 PH STAINLESS STEEL,RELIEVING TEMP= 350 DEG F,OPERATING TEMP= 188 DEG F,BACKFLOW PREVENTER, PRESSURE SNUBBER,MTR AND CERTIFICATE OF CONFORMANCE,MERCER VALVE,9571P1347S	1	
PSV-1123	2ND STAGE DISCHARGE PSV	2000	1002	3	EXT-184915	VALVE,RELIEF,SNAP PILOT DESIGN,RF x RF,CLASS 300 x CLASS 150,NPS 3 x NPS 4,L ORIFICE,3.205 IN2,ASME SA-216-WCB CAST STEEL BODY,SET AT 635 PSI,ASME SECTION VIII - Div 1,PILOT DETAILS= G-1A00058,BONNET MATL= CARBON STEEL,NOZZLE MATL= TYPE 316 STAINLESS STEEL,DISC MATL= TYPE 316 STAINLESS STEEL,SEAL MATL= FLUOROCARBON/BUNA-N,SEAT MATL= PTFE,SPRING MATL= 17-7 PH STAINLESS STEEL,RELIEVING TEMP= 350 DEG F,OPERATING TEMP= 259 DEG F,BACKFLOW PREVENTER, PRESSURE SNUBBER,MTR AND CERTIFICATE OF CONFORMANCE,MERCER VALVE,9564L1347S	1	

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Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
PSV-1133	3RD STAGE DISCHARGE PSV	2000	1003	3	EXT-184916	VALVE,RELIEF,SNAP PILOT DESIGN,RF x RF,CLASS 600 x CLASS 150,NPS 3 x NPS 4,K ORIFICE,2.074 IN2,ASME SA-216-WCB CAST STEEL BODY,SET AT 895 PSI,ASME SECTION VIII - Div 1,PILOT DETAILS= G-1A00061,BONNET MATL= CARBON STEEL,NOZZLE MATL= TYPE 316 STAINLESS STEEL,DISC MATL= TYPE 316 STAINLESS STEEL,SEAL MATL= VITON/BUNA-N,SEAT MATL= TEFLON,SPRING MATL= 17-7 PH STAINLESS STEEL,RELIEVING TEMP= 350 DEG F,OPERATING TEMP= 222 DEG F,BACKFLOW PREVENTER, PRESSURE SNUBBER,MTR AND CERTIFICATE OF CONFORMANCE,MERCER VALVE,9565K1347S	1	
PSV-1143	4TH STAGE DISCHARGE PSV	2000	1004	3	EXT-184917	VALVE,RELIEF,SNAP PILOT DESIGN,RTJ x RF,CLASS 900 x CLASS 300,NPS 2 x NPS 3,J ORIFICE,1.431 IN2,ASME SA-216-WCB CAST STEEL BODY,SET AT 1440 PSI,ASME SECTION VIII - Div 1,PILOT DETAILS= G-1A00062,BONNET MATL= CARBON STEEL,NOZZLE MATL= TYPE 316 STAINLESS STEEL,DISC MATL= TYPE 316 STAINLESS STEEL,SEAL MATL= VITON/BUNA-N,SEAT MATL= TEFLON,SPRING MATL= 17-7 PH STAINLESS STEEL,RELIEVING TEMP= 350 DEG F,OPERATING TEMP= 180 DEG F,BACKFLOW PREVENTER, PRESSURE SNUBBER,MTR AND CERTIFICATE OF CONFORMANCE,MERCER VALVE,9554J3347S	1	
VC-1111; VC-1121; VC-1131; VC-1141; VC-1171;	; ; ; ; 1"FNPT SWING CHECK VALVE;	2000	1023	3	EXT-137020	VALVE,CHECK,SWING,FNPT,NPS 1,CLASS 1500,BOLTED BONNET,ASME SA-105 FORGED STEEL BODY,FULL PORT,API #8 (13Cr/ HF) TRIM,HARD FACED SEAT,TRIM F6/HF,BONNEY FORGE,19HL61T	5	
BPV-1111A	10"-300#RF BALL VALVE (AUTO BYPASS-2)	2000	1040	3	EXT-185108	VALVE,BALL,TRUNNION,AUTOMATIC ACTUATOR,RAISED FACE,NPS 10,CLASS 300,CARBON STEEL BODY,FULL PORT,STEM MATL= CARBON STEEL (Ni PLATED),SEAT MATL= DEVLON,SEAL MATL= HNBR,BOLTING= ASTM A193-B7M/A194-2HM (NACE CL.II),PNEUMATIC ACTUATOR,MORIN C-740UC-S080 ACTUATOR SIZED ON A MINIMUM OF 80 PSIG AIR PRESSURE, FAIL CLOSE,VERSA CSG-3321-316-XX-D024 3-WAY/2 POS, NORMALLY CLOSED, EXPLOSION PROOF, 24VDC SOLENOID ,WESTLOCK 9479NBY2B2M0600-00710 LIMIT SWTICH WITH BEACON INDICATOR AND 12 POINT TERMINAL STRIP,MOUNTING HARDWARE WITH 316 SS FITTINGS AND STAINLESS STEEL TUBING,3 MIL ENP-NACE TRIM; FIRE SAFE BARE STEM,MANUFACTURED AND TESTED IN ACCORDANCE WITH API 6D,FIRE SAFE PER API 6FA,NACE MR0175/ISO 15156 COMPLIANT,KF,E3788169G613	1	
BPV-1111B	6"-900#RTJ BALL VALVE (AUTOMATED BYPASS-2)	2000	1041	3	EXT-185110	VALVE,BALL,TRUNNION,AUTOMATIC ACTUATOR,RING TYPE JOINT,NPS 6,CLASS 900,CARBON STEEL BODY,FULL PORT,STEM MATL= CARBON STEEL (Ni PLATED),SEAT MATL= DEVLON,SEAL MATL= HNBR,BOLTING= ASTM A193-B7M/A194-2HM (NACE	1	

Project# : US-123242
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Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
						CL.II),PNEUMATIC ACTUATOR,MORIN C-420UC-S080 ACTUATOR SIZED ON A MINIMUM OF 80 PSIG AIR PRESSURE, FAIL CLOSE,VERSA CSG-3321-316-XX-D024 3-WAY/ 2-POS, NORMALLY CLOSED, 316 SS, EXPLOSION PROOF, 24 VDC SOLENOID VALVE ,WESTLOCK 9479NBY2B2M0600-00710 LIMIT SWITCH WITH BEACON INDICATOR AND 12 POINT TERMINAL STRIP ,PACKAGE TO INCLUDE MOUNTING HARDWARE, 316SS TUBING AND FITTINGS,3 MIL ENP-NACE TRIM ,API 6D,FIRE SAFE PER API 6FA,NACE MR0175/ISO 15156 COMPLIANT,KF,M417299N6AG6		
CP-1100	DRIVE COUPLING	2000	1100	3	EXT-183986	COUPLING,FLEXIBLE DISC,MODEL GCF 511-92,UNITIZED STAINLESS STEEL FLEX DISC,9" LONG STEEL KEYLESS COMPRESSOR HUB,8.4935/8.4920" BORE,TO FIT KBZ/6,HEAVY DUTY ADAPTER,28" ADAPTER,SIZE 92 SPACER,T.B. WOODS	1	
VL-1143; VL-1144;	2"-900#RTJ BALL VALVE (4TH STG PSV INLET ISOLATION); 2"-900#RTJ BALL VALVE (BLOWDOWN VALVE);	2000	1144	3	EXT-185111	VALVE,BALL,TRUNNION,LOCKING LEVER OPERATED,RING TYPE JOINT,NPS 2,CLASS 900,TWO-PIECE BOLTED BODY,CARBON STEEL BODY,FULL PORT,ASME B16.10 LONG PATTERN,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= CARBON STEEL/ENP,SEAT MATL= DEVLON,SEAL MATL= HNBR,BOLTING= ASTM A193-B7/A194-2H (NACE CL. III),API 6D,ASME B16.11/B16.34,FIRESAFE PER API 6FA,NACE MR0175/ISO 15156 COMPLIANT,3 MIL ENP BALL AND STEM,KF,M411299N6AG6	2	
VC-1153	1-1/2" NPS SOCKET WELD SWING CHECK VALVE	2000	1153	3	DSI-154411A818	VALVE,CHECK,SWING,STRAIGHT,SOCKET WELD,NPS 1-1/2,CLASS 800,BOLTED COVER,ASME SA-105N FORGED STEEL BODY,COVER MATL= ASTM A105N,REDUCED PORT,MAWP= 1975 PSI AT 100 DEG F,DISC MATL= ASTM A182-F6 ALLOY STEEL,SEAT MATL= STELLITE,BOLTING= NACE CL.II,NACE MR0175 COMPLIANT,DSI,4411A818	1	
STR-1161	1-1/2" NPS SOCKET WELD STRAINER	2000	1161	3	MUEL-1558001WCBSW	STRAINER,Y,NPS 1-1/2,SOCKET WELD,CARBON STEEL BODY,304 SS SCREEN,0.062" DIA PERFORATIONS,1480 PSI AT -20 TO 100 DEG F,MODEL 582,WITH 3/4" NPT PLUG IN BLOWOFF OUTLET,MUELLER STEAM SPECIALTY	1	
VC-1161	1" NPS SOCKET WELD SWING CHECK VALVE	2000	1161	3	DSI-14411A818	VALVE,CHECK,SWING,STRAIGHT,SOCKET WELD,NPS 1,CLASS 800,BOLTED COVER,ASME SA-105N FORGED STEEL BODY,COVER MATL= ASTM A105N,REDUCED PORT,MAWP= 1975 PSI AT 100 DEG F,DISC MATL= ASTM A182-F6 ALLOY STEEL,SEAT MATL= STELLITE,BOLTING= NACE CL.II NACE MR0175 COMPLIANT,DSI,4411A818	1	
F-1171	FUEL FILTER	2000	1171	3	EXTR-472408365	SEPARATOR,OD= 8.625",SEAM TO SEAM= 75-3/8" SHELL LENGTH,MAWP= 270 PSI AT 150 DEG F,CONSTRUCTED AND STAMPED PER ASME SECT VIII-DIV 1,W/(2) PECO PCHG-36 (2) 3" X 36" ELEMENTS,PER DWG EXTR-472408365 REV11	1	

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Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		1000	10	4	FWCP0800FCA	CAP,PIPE,BUTT WELD,NPS 8,S40/STD,SEAMLESS,STEEL,ASME SA-234-WPBASME B16.9	1	
		1000	20	4	PP0800FSCA	PIPE,SEAMLESS,NPS 8,S40/STD,STEEL,ASME SA-106-B,ASME B36.10	6.75	
		1000	30	4	FLRP0800ACA	FLANGE,PIPE,RAISED FACE,SLIP-ON,CLASS 150,NPS 8,STEEL,ASME SA-105,ASME B16.5	1	
		1000	40	4	FLRW0300AFCA	FLANGE,PIPE,RAISED FACE,WELD NECK,CLASS 150,NPS 3,S40/STD,STEEL,ASME SA-105,ASME B16.5	2	
		1000	50	4	FLRB0800ACA	FLANGE,PIPE,RAISED FACE,BLIND,CLASS 150,NPS 8,STEEL,ASME SA-105,ASME B16.5	1	
		1000	60	4	FFCH0200TJCA	COUPLING,PIPE,HALF,CLASS 3000,FNPT,NPS 2,STEEL,ASME SA-105,ASME B16.11	2	
		1000	70	4	FOCL0100JCA	COUPOLET,FNPT,NPS 1,CLASS 3000,STEEL,ASME SA-105,MSS SP-97	2	
		1000	80	4	FOCL0050JCA	COUPOLET,FNPT,NPS 1/2,CLASS 3000,STEEL,ASME SA-105,MSS SP-97	5	
		1000	90	4	FFCF0100TJCA	COUPLING,PIPE,CLASS 3000,FNPT,NPS 1,STEEL,ASME SA-105,ASME B16.11	1	ECO-222891
		1000	100	4	FOCL0025LCA	COUPOLET,FNPT,NPS 1/4,CLASS 6000,STEEL,ASME SA-105,MSS SP-97	3	
		1000	110	4	PP0300FSCA	PIPE,SEAMLESS,NPS 3,S40/STD,STEEL,ASME SA-106-B,ASME B36.10	1	

Project# : US-123242
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Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		1000	120	4	PP0150JSCA	PIPE,SEAMLESS,NPS 1-1/2,S80/XH,STEEL,ASME SA-106-B,ASME B36.10	3.5	
		1000	130	4	PP0100JSCA	PIPE,SEAMLESS,NPS 1,S80/XH,STEEL,ASME SA-106-B,ASME B36.10	.75	ECO-222368
		1000	140	4	PLST0500CE	PLATE,1/2" THICK,STEEL,ASME SA-36/CSA G40.21-44W,ASME SA-6	.5	
		1000	150	4	PLST0750CE	PLATE,3/4" THICK,STEEL,ASME SA-36/CSA G40.21-44W,ASME SA-6	.5	
		1000	160	4	PLST0250CE	PLATE,1/4" THICK,STEEL,ASME SA-36/CSA G40.21-44W,ASME SA-6	1.25	
		1000	170	4	STFB0025X0400CE	BAR,FLAT,1/4" x 4",STEEL,ASME SA-36,ASTM A6	.75	
		1000	180	4	STAN0150X0150X0025CE	ANGLE,STRUCTURAL,L1-1/2" x 1-1/2" x 1/4",STEEL,ASME SA-36/CSA G40.21-44W,ASTM A6	6.25	
		1000	190	4	BLST0050X0350CAE	STUD,FULLY THREADED,1/2" DIA,13 TPI,UNC-2A,3-1/2" LONG,ALLOY STEEL,ASME SA-193-B7,CLEAR ZINC PLATED (ASTM F1941-Fe/Zn 3A)	2	
		1000	200	4	BLST0075X0400CAE	STUD,FULLY THREADED,3/4" DIA,10 TPI,UNC-2A,4" LONG,ALLOY STEEL,ASME SA-193-B7,CLEAR ZINC PLATED (ASTM F1941-Fe/Zn 3A)	8	
		1000	210	4	BLHN0050CAE	NUT,HEAVY HEX,1/2" DIA,13 TPI,UNC-2B,CARBON STEEL,ASME SA-194-2H,CLEAR ZINC PLATED (ASTM F1941-Fe/Zn 3A)	4	
		1000	220	4	BLHN0075CAE	NUT,HEAVY HEX,3/4" DIA,10 TPI,UNC-2B,CARBON STEEL,ASME SA-194-2H,CLEAR ZINC PLATED (ASTM F1941-Fe/Zn 3A)	16	

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TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		1000	230	4	GSSR0800A0006NA	GASKET,FLANGE,NPS 8,CLASS 150,RAISED FACE,1/16" THICK,NON-ASBESTOS,KLINGERSIL,C4401	1	
		1000	240	4	SUPP-453052059	MESH PAD,BULK,4" THICK,9 LB/CF,304 STAINLESS STEEL MESH	1.04	
		1000	250	4	PECO-PCHG36	FILTER,ELEMENT,GAS,COALESCER,1 MICRON,2.08" ID,3" OD,36" LONG,POLYESTER,PECO,PCHG36	2	
		1000	260	4	PP0100PSCA	PIPE,SEAMLESS,NPS 1,XXH,HOT ROLLED,STEEL,ASME SA-106-B,ASME B36.10	1.25	
		1000	270	4	STCS0700X0191CE	CHANNEL,STRUCTURAL,MC7 x 19.1,STEEL,ASME SA-36/CSA G40.21-44W,ASTM A6	1	
PI-1172	PRESSURE GAUGE ON FUEL LINE (0-100 PSIG)	2000	1172	3	EXT-172224	GAUGE,PRESSURE,2-1/2" DIAL,1/4" MNPT,STAINLESS STEEL CONNECTION,BOTTOM CONNECTION,304 SS CASE,316 SS WETTED,GLYCERINE FILL,PLASTIC LENS,WELDED CASE,BLACK ON WHITE DIAL,BLACK POINTER,0-7 BARG/0-100 PSIG,REOTEMP,PR25S1A4D18AGP	1	
PI-1171A; PI-1171B; PI-1173; PI-1191;	PRESSURE GAUGE (0-300 PSIG); ; ; ;	2000	1173	3	EXT-172223	GAUGE,PRESSURE,2-1/2" DIAL,1/4" MNPT,STAINLESS STEEL CONNECTION,BOTTOM CONNECTION,304 SS CASE,316 SS WETTED,GLYCERINE FILL,PLASTIC LENS,WELDED CASE,BLACK ON WHITE DIAL,BLACK POINTER,0-21 BARG/0-300 PSIG,REOTEMP,PR25S1A4D21AGP	4	
PSV-1171	FUEL PSV (1ST CUT)	2000	3030	3	EXT-185109	VALVE,RELIEF,SNAP PILOT DESIGN,RF x RF,CLASS 150 x CLASS 150,NPS 1 x NPS 2,E ORIFICE,0.223 IN2,ASME SA-216-WCB CAST STEEL BODY,SET AT 175 PSI,ASME SECTION VIII - Div 1,PILOT DETAILS= G-1101108,BONNET MATL= CARBON STEEL,NOZZLE MATL= TYPE 316 STAINLESS STEEL,DISC MATL= TYPE 316 STAINLESS STEEL,SEAL MATL= FLUOROCARBON/BUNA-N,SEAT MATL= PTFE,SPRING MATL= 17-7 PH STAINLESS STEEL,RELIEVING TEMP= 100 DEG F,OPERATING TEMP= 100 DEG F,BACKFLOW PREVENTER, PRESSURE SNUBBER, STD FIELD TEST & TEST GAG,MERCER VALVE,9527E1347S	1	

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Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
PSV-1172	FUEL PSV (2ND CUT)	2000	3031	3	EXT-184919	VALVE,RELIEF,SNAP PILOT DESIGN,RF x RF,CLASS 150 x CLASS 150,NPS 2 x NPS 3,J ORIFICE,1.431 IN2,ASME SA-216-WCB CAST STEEL BODY,SET AT 80 PSI,ASME SECTION VIII - Div 1,PILOT DETAILS= G-1101106,BONNET MATL= CARBON STEEL,NOZZLE MATL= TYPE 316 STAINLESS STEEL,DISC MATL= TYPE 316 STAINLESS STEEL,SEAL MATL= VITON/BUNA-N,SEAT MATL= TEFLON,SPRING MATL= 17-7 PH STAINLESS STEEL,RELIEVING TEMP= 100 DEG F,OPERATING TEMP= 100 DEG F,PRESSURE SNUBBER, TEST GAG,MERCER VALVE,9551J1327S	1	
CC-7003	SILENCER-EXHAUST	2000	7003	3	EXT-184920	SILENCER,EXHAUST,CATALYTIC CONVERTER/OXIDATION,RESIDENTIAL GRADE,VERTICAL,30 IN - 150 FLAT FACE INLET 34 IN - 150 FLAT FACE OUTLET ROUND ,OUTSIDE DIAMETER: 78-1/2 IN, MATERIAL: CARBON STEEL,LOW POINT DRAIN SIZE: 2 IN NPT, SIDE INLET, OUTLET MOUNTING VERTICAL, HOUSING CAPACITY: MAX 12 ELEMENTS, 2" OF INSULATION ON LOWER SECTION INCLUDED. RESIDENTIAL GRADE (20-25 dBA), HOUSING ONLY,US-123064,MAXIM,MACCOG2123430C2	1	
		2000	7023	3	EXT-190719	VALVE,BUTTERFLY,WAFER STYLE,NPS 6,CLASS 150,RAISED FACE,LOCKING LEVER OPERATED,ASME SA-536 CAST DUCTILE IRON BODY,200 PSI MOP, 250 DEG F MAX TEMP, DUCTILE IRON DISC (NI-PLTD),416 SS SHAFT,EPDM SEAT,BF SERIES,PRATT INDUSTRIAL,BF10608988 12/16 - CV added to replace 176947 not available ----------	4	
		2000	7033	3	EXT-190776	CABLE,ELECTRICAL,3 CONDUCTOR,INSTRUMENT,300 VOLTS,CHROMEL/ALUMEL,PVC/NYLON INSULATED,28 METERS LONG, 90 DEG CONNECTOR, CONTACT CARRIER MATERIAL TPU, MOLDED HEAD MATERIAL TPU/BLACK, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,2 CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,TURCK INC,PWSVWKV35214828M	1	
		2000	7043	3	EXT-190779	CABLE,ELECTRICAL,3 CONDUCTOR,INSTRUMENT,2 METERS LONG,300 VOLTS,CHROMEL/ALUMEL,PVC/NYLON INSULATED,90 DEG CONNECTOR, CONTACT CARRIER MATERIAL TPU, MOLDED ANGLED HEAD MATERIAL TPU/BLACK, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,2 CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,TURCK INC,PWSVWKV3521482M	3	
		2000	7053	3	EXT-190780	CABLE,ELECTRICAL,3 CONDUCTOR,INSTRUMENT,4 METERS LONG,300 VOLTS,CHROMEL/ALUMEL,PVC/NYLON INSULATED,90 DEG CONNECTOR, CONTACT CARRIER MATERIAL TPU, MOLDED HEAD MATERIAL TPU/BLACK, COUPLING NUT MATERIAL/FINISH	7	

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Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
						SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,2 CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,TURCK INC,PWSVWKV3521484M		
		2000	7063	3	EXT-190781	CABLE,ELECTRICAL,3 CONDUCTOR,INSTRUMENT,6 METERS LONG,300 VOLTS,CHROMEL/ALUMEL,PVC/NYLON INSULATED,90 DEG CONNECTOR, CONTACT CARRIER MATERIAL TPU, MOLDED HEAD MATERIAL TPU/BLACK, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,2 CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,TURCK INC,PWSVWKV3521486M	2	
PIT-1111	1st Stage Suction Pressure Transmitter w/Remote Seal	2000	7073	3	DOC-EXT-190730	TRANSMITTER,PRESSURE,IN-LINE,PRIMARY RANGE = 0/800 PSI,11000 PSI MAX PRESSURE,ACCURACY +/-0.1 PERCENT,ALTERNATIVE FLANGE PROCESS CONNECTION,1/2" FNPT CONDUIT CONNECTION,ALUMINUM HOUSING,316LSS WETTED PARTS,PNEUMATIC INPUT,HART PROTOCOL DIGITAL OUTPUT,4 to 20 mA OUTPUT,9 to 32 VDC POWER SUPPLY,-40 to 85 DEG C TEMP RATING,FM EXPLOSION-PROOF, DUST IGNITION-PROOF,ASSEMBLED TO REMOTE SEAL 1199WDB20AFFWG2DA00,DIAPHRAGM,WELDED-REPAIRABLE, SILICONE 200 FILLED, 0.03 IN CAPILLARY ID, 20 FEET (6.1 METERS) CAPILLARY LENGTH,FLUSH SURFACE FLANGED PROCESS CONNECTION, CLASS 300 FLANGE RATING, 316L SST DIAPHRAGM, FLUSHING CONNECTION,W/LCD DISPLAY, CALIBRATION CERTIFICATION REQUIRED, DOCUMENTATION REQUIRED AS STATED ON PO PER PROJECT SPECIFICATION,ROSEMOUNT,3051TG3A2B21AS1B4E5Q4M5	1	
PIT-1113; PIT-1121; PIT-1123; PIT-1131;	1st Stage Discharge Pressure Transmitter w/Remote Seal; 2nd Stage Suction Pressure Transmitter w/Remote Seal; 2nd Stage Discharge Pressure Transmitter w/Remote Seal; 3rd Stage Suction Pressure Transmitter w/Remote Seal;	2000	7083	3	DOC-EXT-190731	TRANSMITTER,PRESSURE,IN-LINE,PRIMARY RANGE = 0/800 PSI,11000 PSI MAX PRESSURE,ACCURACY +/-0.1 PERCENT,ALTERNATIVE FLANGE PROCESS CONNECTION,1/2" FNPT CONDUIT CONNECTION,ALUMINUM HOUSING,316LSS WETTED PARTS,PNEUMATIC INPUT,HART PROTOCOL DIGITAL OUTPUT,4 to 20 mA OUTPUT,9 to 32 VDC POWER SUPPLY,-40 to 85 DEG C TEMP RATING,FM EXPLOSION-PROOF, DUST IGNITION-PROOF,ASSEMBLED TO REMOTE SEAL 1199WDB10AFFWG2DA00, DIAPHRAGM,WELDED-REPAIRABLE, SILICONE 200 FILLED, 0.03 IN CAPILLARY ID, 10 FEET (3.0 METERS) CAPILLARY LENGTH,FLUSH SURFACE FLANGED PROCESS CONNECTION, CLASS 300 FLANGE RATING, 316L SST DIAPHRAGM, FLUSHING CONNECTION,W/LCD DISPLAY, CALIBRATION CERTIFICATION REQUIRED, DOCUMENTATION REQUIRED AS STATED ON PO PER PROJECT SPECIFICATION,ROSEMOUNT,3051TG3A2B21AS1B4E5Q4M5	4	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
PIT-1133	3rd Stage Discharge Pressure Transmitter w/Remote Seal	2000	7093	3	DOC-EXT-190734	TRANSMITTER,PRESSURE,IN-LINE,PRIMARY RANGE = 0/4000 PSI,11000 PSI MAX PRESSURE,ACCURACY +/-0.1 PERCENT,ALTERNATIVE FLANGE PROCESS CONNECTION,1/2" FNPT CONDUIT CONNECTION,ALUMINUM HOUSING,316LSS WETTED PARTS,PNEUMATIC INPUT,HART PROTOCOL DIGITAL OUTPUT,4 to 20 mA OUTPUT,9 to 32 VDC POWER SUPPLY,-40 to 85 DEG C TEMP RATING,FM EXPLOSION-PROOF, DUST IGNITION-PROOF,ASSEMBLED TO REMOTE SEAL 1199WDB05AFFWG4DA00, DIAPHRAGM,WELDED-REPAIRABLE, SILICONE 200 FILLED, 0.03 IN CAPILLARY ID, 5 FEET (1.5 METERS) CAPILLARY LENGTH,FLUSH SURFACE FLANGED PROCESS CONNECTION, CLASS 600 FLANGE RATING, 316L SST DIAPHRAGM, FLUSHING CONNECTION,W/LCD DISPLAY, CALIBRATION CERTIFICATION REQUIRED, DOCUMENTATION REQUIRED AS STATED ON PO PER PROJECT SPECIFICATION,ROSEMOUNT,3051TG4A2B21AS1B4E5Q4M5	1	
PIT-1141	4th Stage Suction Pressure Transmitter w/Remote Seal	2000	7103	3	DOC-EXT-190735	TRANSMITTER,PRESSURE,IN-LINE,PRIMARY RANGE = 0/4000 PSI,11000 PSI MAX PRESSURE,ACCURACY +/-0.1 PERCENT,ALTERNATIVE FLANGE PROCESS CONNECTION,1/2" FNPT CONDUIT CONNECTION,ALUMINUM HOUSING,316LSS WETTED PARTS,PNEUMATIC INPUT,HART PROTOCOL DIGITAL OUTPUT,4 to 20 mA OUTPUT,9 to 32 VDC POWER SUPPLY,-40 to 85 DEG C TEMP RATING,FM EXPLOSION-PROOF, DUST IGNITION-PROOF,ASSEMBLED TO REMOTE SEAL 1199WDB10AFFWG4DA00, DIAPHRAGM,WELDED-REPAIRABLE, SILICONE 200 FILLED, 0.03 IN CAPILLARY ID, 10 FEET (3.0 METERS) CAPILLARY LENGTH,FLUSH SURFACE FLANGED PROCESS CONNECTION, CLASS 600 FLANGE RATING, 316L SST DIAPHRAGM, FLUSHING CONNECTION,W/LCD DISPLAY, CALIBRATION CERTIFICATION REQUIRED, DOCUMENTATION REQUIRED AS STATED ON PO PER PROJECT SPECIFICATION,ROSEMOUNT,3051TG4A2B21AS1B4E5Q4M5	1	
PIT-1143	4th Stage Discharge Pressure Transmitter w/Remote Seal	2000	7113	3	DOC-EXT-190736	TRANSMITTER,PRESSURE,IN-LINE,PRIMARY RANGE = 0/4000 PSI,11000 PSI MAX PRESSURE,ACCURACY +/-0.1 PERCENT,ALTERNATIVE FLANGE PROCESS CONNECTION,1/2" FNPT CONDUIT CONNECTION,ALUMINUM HOUSING,316LSS WETTED PARTS,PNEUMATIC INPUT,HART PROTOCOL DIGITAL OUTPUT,4 to 20 mA OUTPUT,9 to 32 VDC POWER SUPPLY,-40 to 85 DEG C TEMP RATING,FM EXPLOSION-PROOF, DUST IGNITION-PROOF,ASSEMBLED TO REMOTE SEAL 1199WDB10AFFWG5DA00, DIAPHRAGM,WELDED-REPAIRABLE, SILICONE 200 FILLED, 0.03 IN CAPILLARY ID, 10 FEET (3.0 METERS) CAPILLARY LENGTH,FLUSH SURFACE FLANGED PROCESS CONNECTION, CLASS 900 FLANGE RATING, 316L SST DIAPHRAGM, FLUSHING CONNECTION,W/LCD DISPLAY, CALIBRATION CERTIFICATION REQUIRED, DOCUMENTATION REQUIRED AS STATED ON PO PER PROJECT	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
						SPECIFICATION,ROSEMOUNT,3051TG4A2B21AS1B4E5Q4M5		
PIT-1171	Engine Fuel Pressure Transmitter w/Remote Seal	2000	7123	3	DOC-EXT-190732	TRANSMITTER,PRESSURE,IN-LINE,PRIMARY RANGE = 0/800 PSI,11000 PSI MAX PRESSURE,ACCURACY +/-0.1 PERCENT,ALTERNATIVE FLANGE PROCESS CONNECTION,1/2" FNPT CONDUIT CONNECTION,ALUMINUM HOUSING,316LSS WETTED PARTS,PNEUMATIC INPUT,HART PROTOCOL DIGITAL OUTPUT,4 to 20 mA OUTPUT,9 to 32 VDC POWER SUPPLY,-40 to 85 DEG C TEMP RATING,FM EXPLOSION-PROOF, DUST IGNITION-PROOF,ASSEMBLED TO REMOTE SEAL 1199WDB15AFFWG1DA00, DIAPHRAGM,WELDED-REPAIRABLE, SILICONE 200 FILLED, 0.03 IN CAPILLARY ID, 15 FEET (4.5 METERS) CAPILLARY LENGTH,FLUSH SURFACE FLANGED PROCESS CONNECTION, CLASS 150 FLANGE RATING, 316L SST DIAPHRAGM, FLUSHING CONNECTION,W/LCD DISPLAY, CALIBRATION CERTIFICATION REQUIRED, DOCUMENTATION REQUIRED AS STATED ON PO PER PROJECT SPECIFICATION,ROSEMOUNT,3051TG3A2B21AS1B4E5Q4M5	1	
		1	60	2	US-123242-01-CMP-01-006~1981296	COOLER DRIVE & MAJOR MOUNTING EQUIPMENT	1	
KIT-8100	COUPLING-FLYWHEEL ADAPTER BOLT KIT	1000	8100	3	EXTR-KIT002235	KIT,COUPLING, ADAPTER PLATE, ALL 3600	1	
		1	10	4	BLSB0100X0275CJD	BOLT,1" DIA,14 TPI,2-3/4" LONG,CARBON STEEL,SAE J429-GR.8,1/8" HOLE DRILLED IN HEAD FOR LOCK WIRE,BLSB0100X0275CJD	12	
		1	20	4	FAST-FAS018	WASHER,FLAT,1" NOMINAL SIZE,HARDENED STEEL,ZINC PLATED,SAE,FASTENAL,FAS018	12	
		1	70	2	US-123242-01-CMP-01-008~1981294	PACKAGE I & E	1	
TW/TE-1191; TW/TE-1192;	Pre-Catalyst Temperature Assembly; Post-Catalyst Temperature Assembly;	2000	10	3	EXT-185060	THERMOCOUPLE,ASSEMBLY,TYPE K,UNGROUNDED,SPRING LOADED,3/4",NPT PROCESS CONNECTION,6 FT WIRE LENGTH,7" U,8-1/2" LG STEM,1/4" DIA SHEATH,316 SS SHEATH,-325 TO 2282 DEG F TEMP RANGE,JMS SOUTHEAST, INC.,16716BBEC	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
LSLL-1181; LSLL-1182;	Auxiliary Water Liquid Level Switch; Engine Jacket Water Liquid Level Switch;	2000	20	3	EXT-103910	SWITCH,LIQUID LEVEL,ELECTRIC,2" MNPT VESSEL CONNECTION,304 SS DISPLACER,MODEL MLS-020,FLOAT STYLE,SPDT REED SWITCH,0.075 AMP,30 VAC/VDC,CLEAN MAGNET DESIGN,SEAL-FREE CONSTRUCTION,304 SS BODY,MAWP= 2000 PSI,TEMPERATURE RANGE= -20 TO 300 DEG F,TRIP ON RISING OR FALLING LEVEL,1/2" FNPT CONDUIT CONNECTION,CSA C/US RATED CLASS I,GROUP B-D,DIVISION 1,MURPHY,15700839	2	
VSHH-1100; VSHH-1101; VSHH-1102A; VSHH-1102B; VSHH-1103A; VSHH-1103B;	Compressor Drive End Vibration Switch; Engine Drive End Vibration Switch; Process Cooler Fan #1 Vibration Switch; Process Cooler Fan #2 Vibration Switch; Utility Cooler Fan #1 Vibration Switch; Utility Cooler Fan #2 Vibration Switch;	2000	30	3	MURP-20700049	SWITCH,VIBRATION,ALUMINUM,HAZARDOUS AREAS,BASE MOUNT,EXPLOSION-PROOF,MEETS NEMA 7/IP54 SPECIFICATIONS; CLASS I, DIVISION 1, GROUPS C & D; UL AND CSA LISTED,NORMAL OPERATING TEMPERATURE: -40 TO 140 DEG F (-40 TO 60 DEG C),ELECTRICAL CONTACT RATING: 5 A @ 125–480 VAC,1/2 A @ 125 VDC,1/4 A @ 250 VDC,2 A RESISTIVE 30 VDC,1 A INDUCTIVE 30 VDC, MODEL VS2EX,MURPHY,20700049	2	
TY-1114; TY-1124; TY-1134; TY-1144;	IC-1 Cooler Louver Control; IC-2 Cooler Louver Control; IC-3 Cooler Louver Control; AC Cooler Louver Control;	2000	40	3	EXT-145652	TRANSDUCER,PRESSURE,ELECTRO PNEUMATIC,PRIMARY RANGE = 0/50 PSIG,ACCURACY +/-1 PERCENT,1/4" FNPT PROCESS CONNECTION,1/2" FNPT CONDUIT CONNECTION(2 PORTS),ALUMINUM HOUSING,ELECTRICAL INPUT,4 TO 20MA DC INPUT SIGNAL,6 TO 30 PSI OUTPUT,-40 to 185 DEG F TEMP RATING,FM AND CSA, EXPLOSION PROOF/INTRINSICALLY SAFE,FISHER,I2P-1797-89192	4	
		2000	50	3	EXT-120319	BRACKET,MOUNTING,PRESSURE TRANSDUCER SURFACE MOUNT,FOR FISHER I2P-1797-89192,PAINTED ALUMINUM,FISHER,MTG180089712	4	
PDHH-1171	Fuel Filter Differential Pressure Switch	2000	60	3	EXT-186049	SWITCH,PRESSURE,3-30 PSID,3/4 INCH NPT CONDUIT CONNECTION,DIFFERENTIAL,SPDT,1/4" FNPT,5 AMPS @ 30VDC,ALUMINUM,HERMETICALLY SEALED/EXPLOSION PROOF/WEATHERTIGHT SWITCH HOUSING,NEMA 4X,UL LISTED,CSA CERTIFIED,SOR INC,101RNAF3N4C1A	1	
		2000	70	3	EXT-146160	REGULATOR,PRESSURE REDUCING,DIRECT OPERATED,NPS 1/4,FNPT,INLET PRESSURE (MAX)= 250 PSI,OUTLET PRESSURE= 0/125 PSI,ORIFICE DIA= 1/8",ALUMINUM BODY,DIAPHRAGM MATL= NBR,SEAT MATL= NBR,SERVICE= STD, TYPE 67CFR,WITH 0-160 PSI GAUGE,FISHER 67CF166338542	4	
		2000	80	3	ENDU-ELL4-6-09-20	CABLE TRAY,LADDER,FIBERGLASS,STRAIGHT SECTION,WIDTH= 6 IN,NOMINAL DEPTH= 4 IN,RUNG SPACING= 9 IN,STOCK LENGTH= 20 FT,POLYESTER RESIN,ENDURO COMPOSITES,ELL46920	4	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	90	3	ENDU-ESP-4C-180	CABLE TRAY,FIBERGLASS,SPLICE PLATE,WIDTH= 4 IN,STRAIGHT,ENDURO COMPOSITES,ESP-4C-180	5	
		2000	100	3	EXT-187856	CABLE TRAY,LADDER/TROUGH,FIBERGLASS,HORIZONTAL BEND,90 DEG,WIDTH= 6 IN,NOMINAL DEPTH= 4 IN,RADIUS= 12 IN,ENDURO COMPOSITES,EHBHL4900612	1	
		1	80	2	US-123242-01-CMP-01-007~1981292	CYLINDER PURGED PACKING, DISTANCE PIECE/PACKING VENT & DRAIN	1	
BLG-1100	2" MNPT BULLS EYE SIGHT GLASS ON PEDESTAL	2000	10	3	WELL-20043	SIGHT GLASS,BULLSEYE,2 IN LONG,WELLMARK,20043 GLASS TYPE: BULLSEYE,LEVEL	2	
VL-1192	1/2" FNPT BALL VALVE	2000	20	3	EXT-185410	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,NPS 1/2,FNPT,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSI AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE,SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,BOLTING= ASTM B193-B7,API 608,ASME B16.34,FIRESAFE TO API 607,NACE MR0175 COMPLIANT,ISO 5211, 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLTT050	10	
VL-1193	1" FNPT BALL VALVE	2000	30	3	EXT-185411	VALVE,BALL,LOCKING LEVER OPERATED,NPS 1,FNPT,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSI AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,BOLTING= ASTM B193-B7,API 608,ASME B16.34,FIRESAFE TO API 607,NACE MR0175 COMPLIANT,ISO 5211, 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLTT100	5	
VN-1191	1/2" X 1/4" MNPT X FNPT NEEDLE VALVE	2000	40	3	PGI-V531CDT	VALVE,NEEDLEMNPT x FNPT,NPS 1/2 x NPS 1/4MAWP= 6000 PSI AT 200 DEG F,ASME SA-108 FORGED STEEL BODYSEAT MATL= DELRINPACKING MATL= TEFLON,TEMPERATURE RATING 200 DEG FPGI,V531CDT,	1	
TW-7501	1/2" MNPT THERMOWELL AT PACKING LINE	2000	50	3	EXT-152755	THERMOWELL,1/2" MNPT PROCESS CONNECTION,1/2" FNPSM INSTRUMENT CONNECTION,1-5/8" U,TAPERED SHANK,0.26" BORE,2-1/2" STEM LENGTH,304 STAINLESS STEEL,WIKA	6	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		1	90	2	US-123242-01-CMP-01-005~1981290	AIR INTAKE & EXHAUST SYSTEMS	1	
EJ-1195	18"-125/150# EXPANSION BELLOW	2000	1195	3	EXT-168760	BELLOWS,EXPANSION,18" DIA,18",FLOATING FLANGE,ANSI 125/150,ANSI 125/150,FOR ENGINE EXHAUST,12" LONG OVERALL,321 SS BODY,CARBON STEEL FLANGESDME,13S180012	1	
EJ-1196	30"-125/150#ANSI EXPANSION BELLOW (12" LONG)	2000	1205	3	EXT-168886	BELLOWS,EXPANSION,30" DIA,30",FLOATING FLANGE,ANSI 125/150,ANSI 125/150,FOR ENGINE EXHAUST,12" LONG OVERALL,321 SS BODY,CARBON STEEL FLANGES,DME,13S30001213317	1	
HARDWARE-GASKET	HARDWARE KIT FOR EXHAUST INLET AND OUTLET	2000	1215	3	EXT-185332	KIT,HARDWARE,EXHAUST SILENCER,SILENCER 30" INLET NOZZLE NUTS/BOLTS AND GASKETS KIT M-47-FF-3000, 30" NBG, SILENCER 34" OUTLET NOZZLE NUTS/BOLTS AND GASKETS M-47-FF-3400 NBG KIT. GASKETS RATED TO 1800 DEG. F TEMPERATURE,US-123064,EMIT TECHNOLOGIES	1	
TAIL PIPE-STACK	34"-125/150# STACK/TAIL PIPE	2000	1225	3	EXT-185331	EXTENSION OUTLET,EXHAUST,34 IN OD,CARBON STEEL,STRAIGHT,125/150 LB FLANGE CONNECTION, STACK ASSEMBLY, 85" OVERALL LENGTH, (1) 1" TEST PORT, (2) 2" TEST PORT, WITH LIFTING LUGS, MODEL NO. TAILPIPE-34-85-C,MAXIM,1328A20315	1	
EJ-1197	30"-125/150#ANSI EXPANSION BELLOW (24" LONG)	2000	1235	3	EXT-185330	BELLOWS,EXPANSION,30" DIA,1/2" THICK PLATE FLANGES BOTH ENDS,ANSI 125/150,ANSI 125/150,FOR ENGINE EXHAUST,24" LONG OVERALL,DOUBLE PLY,RATED FOR 1000 DEG F,321 SS BODY,A-36 CARBON STEEL FLANGES,1.25" LATERAL OFFSET, 1" COMPRESSION,DME 300021145	1	
VL-1194	1/2" FNPT BALL VALVE	2000	1245	3	EXT-185410	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,NPS 1/2,FNPT,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSI AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE,SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,BOLTING= ASTM B193-B7,API 608,ASME B16.34,FIRESAFE TO API 607,NACE MR0175 COMPLIANT,ISO 5211, 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLTT050	1	
1255	AIR INTAKE PIPE (224" LONG)	2000	1255	3	EXT-188741	PIPE,INTAKE,20",FOR G3616,304/304L SS STRAIGHT PIPE, 10GA. THICK, 224" OAL, W/LIFTING LUG AND 2 FLANGES PER SECTION, Q24421-0002,EMIT TECHNOLOGIES	6	
1265	AIR INTAKE PIPE (142" LONG)	2000	1265	3	EXT-188742	PIPE,INTAKE,20",FOR G3616,304/304L SS STRAIGHT PIPE, 10GA THICK, 142-5/16" OAL, W/LIFTING LUG AND FLANGE PER SECTION, Q24421-0003,EMIT TECHNOLOGIES	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
1275	AIR INTAKE ELBOW	2000	1275	3	EXT-188743	PIPE,INTAKE,20",FOR G3616,304/304L SS ELBOW, 10GA THICK, W/LIFTING LUG AND 1 FLANGES PER SECTION, Q24421-0001,EMIT TECHNOLOGIES	2	
		1	100	2	US-123242-01-CMP-01-004~1981288	WATER SYSTEM	1	
FH-1183; FH-1186;	6"-150# EXPANSION BELLOW (PROCO) - AUX; 6"-150# EXPANSION BELLOW (PROCO) - EJW;	2000	4004	3	EXT-168485	BELLOWS,EXPANSION,6" DIA,6",FF FLANGE,ANSI 125/150,ANSI 125/1506" LONG OVERALLRATED FOR 250 DEG F,RUBBER BODY,STYLE 231/EE EPDM WITH SET OF 150# RETAINING RINGS (RNG481)PROCO PRODUCTS,231EE	2	
FH-1184; FH-1187;	4"-150# EXPANSION BELLOW (PROCO) - AUX; 4"-150# EXPANSION BELLOW (PROCO) - EJW;	2000	4005	3	EXT-168476	BELLOWS,EXPANSION,4" DIA,4",FF FLANGE,ANSI 125/150,ANSI 125/1506" LONG OVERALLRATED FOR 250 DEG F,RUBBER BODY,STYLE 231/EE EPDM WITH SET OF 150# RETAINING RINGS (RNG481)PROCO PRODUCTS,231EE	2	
FH-1184; FH-1188;	1/2"- SS FLEX HOSE (18" LONG) - AUX; 1/2"- SS FLEX HOSE (18" LONG) - EJW;	2000	4008	3	EXT-149333	HOSE,ASSEMBLY,HEAVY WALL PTFE,13/32" ID,0.59" OD,1/2" TUBE END CONNECTIONS18" OAL,BLACK STATIC-DISSIPATIVE PTFE WITH 304 STAINLESS STEEL BRAID,MAWP= 2000 PSIG AT 73 DEG F,400 DEG F MAX. TEMPERATURE,HOSE: PARKER 929B-8,UNIVERSAL TUBE STUB FI CONNECTIONS, FITTING MODEL NUMBER: 1TU91N-8-8,INNOVATIVE TOOLING & ACC	4	
LG-1181; LG-1182;	LEVEL GAUGE AT AUX SECTION; LEVEL GAUGE AT EJW SECTION;	2000	4013	3	EXT-114961	SIGHT GLASS,TUBULAR,REDLINE,5/8" DIAMETER X 72" LONG	1	
LGV-1181; LGV-1182;	GAUGE COCK VALVE - AUX; GAUGE COCK VALVE - EJW;	2000	4015	3	CNBR-2015003	GAUGECOCK,1/2",RIGID MNPT VESSEL CONNECTION,5/8" GAUGE CONNECTION,STUFFING BOX GAUGE CONNECTION,BRASS BODY,SUPPLIED IN PAIRS,CONBRACO,2015003	2	
VN-1184; VN-1188;	1/4" MNPT X FNPT NEEDLE VALVE; ;	2000	4017	3	ANDG-H5VIS22SG	VALVE,NEEDLEMNPT x FNPT,NPS 1/4,PACKED STEM,MAWP= 6000 PSI AT 200 DEG F, 4000 PSI AT 500 DEG F,STRAIGHT,SCREWED BONNET,ASME SA-479-316 FORGED STAINLESS STEEL BODY,STEM MATL= ASTM A276-316 STAINLESS STEEL,INTEGRAL SEATPACKING MATL= PTFE,0.13 0.136" ORIFICE,FLOW COEFFICIENT CV= 0.31,F-F= 1.84", SERVICE: SOUR GAS,NACE,ANDERSON GREENWOOD,H5VIS22SG	2	
TS-1184; TS-1187;	6" STRAINER BASKET FOR CAT WATER INLET LINE-AUX; 6" STRAINER BASKET FOR CAT WATER INLET LINE-EJW;	2000	4023	3	EXT-170088	STRAINER,BASKET,TO FIT NPS 6,CLASS 150,RAISED FACE,S40,6" OVERALL LENGTH,304 SS BODY,1/16" DIA PERFORATIONS ON 3/16" CENTERS,FOR CAT 3600 A4 ENGINES, BASKET PLATE OD-11, (8) 7/8" HOLES ON 9 1/2" BC,CDR STRAINERS & FILTERS	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
CAP-1181; CAP-1182;	RADIATOR CAP ON SURGE TANK - AUX SECTION; RADIATOR CAP ON SURGE TANK - EJW SECTION;	2000	4025	3	KENC-17947	CAP,ASSEMBLY,RADIATOR,2 IN FNPT,PRESSURE RATING: 7 PSI,CARBON STEEL,ZINC PLATED, 5/16 IN OVERFLOW TUBE IN FILLER NECK,KENCO,17947	2	
STR-1189	1-1/2" FNPT STRAINER	2000	4030	3	MUEL-11M112	STRAINER,Y,NPS 1-1/2,FNPT,CAST IRON BODY,#20 MESH,304 SS SCREEN,400 PSI AT -20 TO 150 DEG F,MODEL 11M,METAL FILLED GRAPHITE GASKET,MUELLER STEAM SPECIALTY	1	
VO-1185	1-1/2" FNPT GLOBE VALVE	2000	4039	3	DSI-4221A81815	VALVE,GLOBE,INLINE BODY,HANDWHEEL OPERATED,FNPT,NPS 1-1/2,CLASS 800,BOLTED BONNET,ASME SA-105N FORGED STEEL BODY,REDUCED PORT,BONNET MATL= ASTM A105N FORGED STEEL,OS & Y,MAWP= 1975 AT 100 DEG F,DISC MATL= ASTM A182-F6 ALLOY STEEL,STEM MATL= ASTM A182-F6 ALLOY STEEL,SEAT MATL= STELLITE,PACKING MATL= GRAPHITE,BOLTING= NACE CL.II,DSI,4221A818	1	
VCAP-1183; VCAP-1184; VCAP-1186; VCAP-1187;	COVER ON TEST PORT - WATER SYSTEM; ; ; ;	2000	4048	3	CAT-6V0852	CAP,DUST,CATERPILLAR,6V0852	8	
AD-1183; AD-1184; AD-1186; AD-1187;	; PRESSURE TEST VALVE PURCHASED FROM CAT; ; ;	2000	4049	3	CAT-6V3966	NIPPLE,VALVE,ASSEMBLY,1/8 IN DIAMETER,EXTERNAL 18 - NPTF,FOR PRESSURE TEST,VALVED,CATERPILLAR,6V3966	8	
AD-1188	ADAPTER FROM CAT FOR HOTSTART RETURN AT ENGINE	2000	4055	3	EXT-172041	NIPPLE,FITTING,ASSEMBLY,HEX 2 INCH,1-5/8"-12 THD X 1-1/4"-11-1/2 NPTF THD,2" LONG,EJW RETURN CONNECTION FITTING,ADAPTER FITTING,CATERPILLAR,1679288	1	
OR-1188	SEAL RING FROM CAT	2000	4056	3	CAT-6V5065	O-RING,SEAL,CATERPILLAR,6V5065	1	
FH-1181; FH-1182;	1/2" MNPT FLEX HOSE (24" LONG) - AUX; 1/2" MNPT FLEX HOSE (24" LONG) - EJW;	2000	4066	3	EXT-139542	HOSE,ASSEMBLY,HEAVY WALL PTFE,13/32" ID,0.59" OD,1/2" TUBE END CONNECTIONS24" OAL,BLACK STATIC-DISSIPATIVE PTFE WITH 304 STAINLESS STEEL BRAID,MAWP= 2000 PSIG AT 73 DEG F,400 DEG F MAX. TEMPERATURE,HOSE: PARKER 929B-8,UNIVERSAL TUBE STUB FI 1TU91N-12-12,INNOVATIVE TOOLING & ACC	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
BLV-1183; BLV-1186;	BLEEDER VALVE ON TOP OF THE UTILITY COOLER - AUX; BLEEDER VALVE ON TOP OF THE UTILITY COOLER - EJW;	2000	4076	3	EXT-185328	VENT,AIR,FREE FLOATING LEVER,4-1/2 in X 11-3/8 IN,1 IN,NPT,309 PSIG AT 100 DEG F,3/16 IN ORIFICE, BODY AND CAP MATERIAL: SEALED STAINLESS STEEL 304L, LEVERAGE SYSTEM MATERIAL: 303/304 STAINLESS STEEL, FLOAT MATERIAL: 304 STAINLESS STEEL, VALVE AND SEAT MATERIAL: 440 STAINLESS STEEL,ARMSTRONG,13AV	2	
VL-1183; VL-1186; VL-1189;	1" FNPT BALL VALVE; ; ;	2000	4086	3	EXT-185411	VALVE,BALL,LOCKING LEVER OPERATED,NPS 1,FNPT,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSI AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,BOLTING= ASTM B193-B7,API 608,ASME B16.34,FIRESAFE TO API 607,NACE MR0175 COMPLIANT,ISO 5211, 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLTT100	10	
VL-1182	2" FNPT BALL VALVE	2000	4096	3	EXT-184486	VALVE,BALL,FLOATING,LEVER OPERATED,NPS 2,FNPT,CLASS 800,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= WCB/T316: 1973 PSIG AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE,SEAL MATL= GRAPHITE,ASME B16.34,FIRE SAFE TO API 607 4TH EDITION & ISO 10497,NACE MR0175 COMPLIANT,HANDLE=STAINLESS LATCH LOCK,QUADRANT,M2FCSRGSLTT200	2	
VL-1185; VL-1188;	1-1/2" FNPT BALL VALVE; ;	2000	4106	3	EXT-179968	VALVE,BALL,LEVER OPERATED,NPS 1-1/2,FNPT,CLASS 800,THREE-PIECE BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSIG AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE,SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,API 608 COMPLIANT,ASME B16.34,FIRE SAFE TO API 607 4TH EDITION & ISO 10497,NACE MR0175 COMPLIANT,HANDLE=STAINLESS LATCH LOCK,QUADRANT,M2FCSRGSLTT150	7	
		1	110	2	US-123242-01-CMP-01-003~1981280	FUEL GAS & START SYSTEMS	1	
VL-1173	3"-150#RF BALL VALVE	2000	10	3	EXT-185293	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,RAISED FACE,NPS 3,CLASS 150,TWO-PIECE BOLTED BODY,ASTM A216-WCB CAST STEEL BODY,FULL PORT,ASME B16.10 LONG PATTERN,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= PTFE,SEAL MATL= HNBR,BOLTING= ASTM A193-B7/A194-2H (NACE CL. III),API 6D,FIRESAFE PER API 607,NACE MR0175/ISO 15156 COMPLIANT,VINTROL INC,410612634699US	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
FH-1173	3"-150#RF FLEX HOSE	2000	20	3	XXXX-50-402028100	HOSE,ASSEMBLY,FLEXIBLE,3" ID,3"-150# RF 304 SS CONNECTIONS,12" LONG,BRAIDED STAINLESS STEEL,MIN. MAWP= 175 PSIG,GAS SERVICE	1	
VN-1171; VN-1171A; VN-1172A; VN-1173;	; 1/2" X 1/4" MNPT X FNPT NEEDLE VALVE; ; ;	2000	30	3	PGI-V531CDT	VALVE,NEEDLEMNPT x FNPT,NPS 1/2 x NPS 1/4MAWP= 6000 PSI AT 200 DEG F,ASME SA-108 FORGED STEEL BODYSEAT MATL= DELRINPACKING MATL= TEFLON,TEMPERATURE RATING 200 DEG FPGI,V531CDT,	5	
FH-1172	2" MNPT FLEX HOSE	2000	40	3	XXXX-50-944021201	HOSE,ASSEMBLY,2" DIA,2" MNPT,12" LONG,STAINLESS STEEL,MAWP= 225 PSI,304 STAINLESS STEEL SINGLE BRAID	1	
VCAP-1171	3" RAIN CAP ON FUEL PSV VENT LINE	2000	50	3	SCLI-WCL3	CAP,RAIN,3",NPS,SLIP FIT,YELLOW JACKET,PVC,WITH LANYARD AND ANCHOR RING,FOR RELIEF VALVE,SCIENTIFIC LININGS & COATINGS,WCL3	1	
VL-1171A; VL-1171B;	1" FNPT BALL VALVE; ;	2000	60	3	EXT-185411	VALVE,BALL,LOCKING LEVER OPERATED,NPS 1,FNPT,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSI AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,BOLTING= ASTM B193-B7,API 608,ASME B16.34,FIRESAFE TO API 607,NACE MR0175 COMPLIANT,ISO 5211, 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLTT100	3	
VL-1170A; VL-1170B; VL-1172B;	2" FNPT BALL VALVE; ; ;	2000	70	3	EXT-184486	VALVE,BALL,FLOATING,LEVER OPERATED,NPS 2,FNPT,CLASS 800,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= WCB/T316: 1973 PSIG AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE,SEAL MATL= GRAPHITE,ASME B16.34,FIRE SAFE TO API 607 4TH EDITION & ISO 10497,NACE MR0175 COMPLIANT,HANDLE=STAINLESS LATCH LOCK,QUADRANT,M2FCSRGSLTT200	3	
PVC-1172	2" FNPT FUEL GAS PRESSURE REGULATOR	2000	80	3	EXT-188055	REGULATOR,PRESSURE REDUCING,SPRING LOADED/PILOT OPERATED,GAS,NPS 2,FNPT,INLET PRESSURE (MAX)= 600 PSI,OUTLET PRESSURE= 35/100 PSI,ORIFICE DIA= 7/8" X 5/8",DUCTILE IRON BODY,DIAPHRAGM MATL= NITRILE,SEAT MATL= NITRILE,MODEL P99HP,STANDARD WITH P39 PILOT VALVE, 250 PSI PRESSURE DROP, BODY ORIENTATION-RIGHT/ADJUSTABLE TO LEFT,TRIM MATL= STAINLESS STEEL WITH DISK,BELGAS, P991610000J5032	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
VN-1171B; VN-1172B;	1/4" MNPT X FNPT NEEDLE VALVE; ;	2000	90	3	ANDG-H5VIS22	VALVE,NEEDLEMNPT x FNPT,NPS 1/4,PACKED STEM,MAWP= 6000 PSI AT 200 DEG F,4000 PSI AT 500 DEG F,STRAIGHTASME SA-479-316 FORGED STAINLESS STEEL BODY,STEM MATL= ASTM A276-316 STAINLESS STEEL,INTEGRAL SEATPACKING MATL= PTFE,0.136" ORIFICE,FLOW C FLOW COEFFICIENT CV= 0.31,F-F= 1.84",ANDERSON GREENWOOD,H5VIS22	2	
120	STARTER EXHAUST MUFFLER	2000	120	3	TDI-T10027075	SILENCER,EXHAUST ,FOR TDI AIR STARTER,DWG # 27075,TDI,T10027075	2	
130	EXHAUST MUFFLER ON ENGINE PRE LUBE PUMP	2000	130	3	EXT-109956	SILENCER,EXHAUST,MUFFLER,1-1/2 IN MNPT INLET ,FOR SERIES SS350 AIR STARTER,INGERSOLL RAND (AIR MOTORS),SS350A674	1	
		1000	120	2	EXT-181702	ENGINE,NATURAL GAS,CATERPILLAR,G3616,5000 HP,1000 RPM,TURBOCHARGED-AFTERCOOLED,AFTERCOOLED,7.6:1 COMPRESSION RATIO,ADEM IV IGNITION SYSTEM,AIR CLEANER-HEAVY DUTY, AIR INLET ADAPT-90 VERTICAL, AIR PRELUBE PUMP, AIR STRT MOTOR TURBINE-TDI 90 MANUAL BARRING DEVICE-1:1, TOP LEVEL CORE ARRANGEMENT, 0.3 G/BHP-HR NOX, FLEX EXH FITTING – 18", GAS FILTER, FUMES DISPOSAL-4 RH, INSTALLATION DRWG NOT REQUIRED, ENGLISH LITERATURE, GAS WELL HEAD, COMPRESSOR, PETRO GAS COMPRESSION, NO CHARGING ALTERNATOR, NO EU CERT REQUEST, NO OIL LEVEL REGULATOR, NO PRODUCT LINK HARNESS EXT, OIL FILTER-SIMPLEX, ENCLOSED OPERATOR INTRFC PANEL, FULL POWER REAR END DRIVE, JW REGULATOR OUTLET-88C, SAE STANDARD ROTATION, DOUBLE DAMPER/GUARD-NO HOLE, NON-OCEANIC TRANSPORT, STORAGE PRESERVATION < 6 MTHS, RIGHT HAND SERVICE, COMMUNICATIONS ADAPTER, UNITED STATES (FCC), INTERCONNECT HARNESS-100 FT, SCAC/JW INLET CONN STRAIGHT,CATERPILLAR	1	
		1000	130	2	EXT-181692	FRAME,RECIPROCATING COMPRESSOR,MODEL KBZ,6 THROW,ANALYZER SHAFT,PRESSURE RELIEF VALVES,B-6250 LUBE OIL COOLER-UNMOUNTED,LUBE OIL THERMO VALVE-UNMOUNTED,BALANCE AND LUBE,TYPE K THERMOCOUPLE,LUBRICATOR NO FLOW INDICATOR:DNFT 24 VDC NON-PROGRAMMABLE,INTERNAL FLYWHEEL: 19920 LB-IN2 WR2,BREAKDOWN UNIT FOR SHIPPING,ARIEL CORP.	1	
		1000	140	2	EXT-181701	CYLINDER,COMPRESSOR,24-1/8",KBZ10,MAWP= 275 PSI,WITH PEANUT FLANGE,WITH VVCP,SUITABLE FOR ORIFICE PLATE,COMPANION FLANGE WELD TYPE: BUTT,ARIEL CORP.	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		1000	150	2	EXT-181700	CYLINDER,COMPRESSOR,17-3/8",KBZ10,MAWP= 635 PSI,12",300 lb FF FLANGE,WITH VVCP,SPACERS=3,SPACERS:HIGH CLEARANCE VALVE,ARIEL CORP.	2	
		1000	160	2	EXT-181698	CYLINDER,COMPRESSOR,13-5/8",KBZ10,MAWP= 1270 PSI,10",600 lb FF FLANGE,WITH VVCP,SPACERS=4,SPACERS: HIGH CLEARANCE VALVE,ARIEL CORP.	1	
		1000	170	2	EXT-181699	CYLINDER,COMPRESSOR,9-1/4",KBZK,MAWP= 2400 PSI,8",1500 lb FF FLANGE,WITH VVCP,WATER COOLED PACKING CASE,ARIEL CORP.	1	
		6000	180	2	EXT-188578	COOLER,FIN FAN HEAT EXCHANGER,168-2Z,(2) 168 IN, 8-BLADE MOORE FANS, ZF GALVANIZED STRUCTURE, AXH STD PAINT ON SECTIONS, 1 IN VENT COUPLINGS ON WATER SECTIONS, HAIL GUARD INDEPENDENT OVER EW, BUG SCREENS OVER FAN INTAKES, BELT DRIVE BY (2) 50 HP, 1765 RPM, 460/3/60, NEMA TEFC MOTORS,TWO HORIZONAL PIPE SUPPORT BEAMS, HOLES FOR PIPE BRACKETS, HOLES FOR CABLE TRAY MOUNTING, MOUNTING OF 6 C-TRAYS, VIBE SWITCHES WITH GRADE ACCESSIBLE RESETS, LUBE LINES WITH GRADE ACCESSIBLE ZERKS, HINGED BELT GUARDS, MOTOR STORAGE PREP, ADD CABLE CONNECTORS TO VIBE SWITCHES,AXH AIR-COOLERS	1	
		6000	190	2	EXT-188577	COOLER,FIN FAN HEAT EXCHANGER,180-2ZF,(2) 180 IN, 8-BLADE MOORE FANS, ZF GALVANIZED STRUCTURE, AXH STD PAINT ON SECTIONS, AIR ACTUATED UPPER GAS LOUVERS, GAS HEADER CA OF .125 IN, HAIL GUARD INTEGRAL WITH GAS LOUVERS, BUG SCREENS OVER FAN INTAKES, BELT DRIVE BY (2) 60HP, 1765 RPM, 460/3/60, NEMA TEFC MOTORS, FOUR HORIZONTAL PIPE SUPPORT BEAMS, AC EVEN PASS, HOLES FOR PIPE BRACKETS, HOLES FOR CABLE TRAY MOUNTING, MOUNTING OF 6 C-TRAYS, VIBE SWITCHES WITH GRADE ACCESSIBLE RESETS, LUBE LINES WITH GRADE ACCESSIBLE ZERKS, PLATFORM BRACKETS TO SIDE FRAMES, HINGED BELT GUARDS, MOTOR STORAGE PREP, ADD CABLE CONNECTORS TO VIBE SWITCHES,AXH AIR-COOLERS	1	
		2000	200	2	EXT-186959	PANEL,CONTROL,COMPACTLOGIX L36ERM,A-B PANELVIEW-PLUS 7 15 IN COLOR TOUCH SCREEN,60" X 60" X 18" WITH 18" TALL BASE LEGS,CARBON STEEL,NEMA/TYPE 4 (IP65),120VAC SYSTEM POWER,COMMUNICATION PROVIDED IS DF1 (SERIAL), ETHERNET/IP (COPPER AND FIBER), AND MODBUS RTU (RS232/RS485) OR MODBUS TCP/IP,INTERIOR PANEL LIGHTS CONTROLLED VIA DOOR SWITCHES,ROCKWELL AUTOMATION	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		1	210	2	XTO-WATER-211	WATER SUB-SKID,	1	
		1	220	2	XTO-PSV-212	PSV SUB-SKID,	1	
		1	230	2	XTO-#08A-213	SECTION #08-A,	1	
		1	240	2	XTO-#08B-214	SECTION #08-B,	1	
		1	250	2	XTO-#09-215	SECTION #09,	1	
		1	260	2	XTO-#10-216	SECTION #10,	1	
		1	270	2	XTO-#14-217	SECTION #14,	1	
		1	280	2	XTO-#15-218	SECTION #15,	1	
		1	170	1	US-123242-01-PBOM~1981310	PRODUCTION BILL OF MATERIAL	1	
		1	10	2	CMPETO-PBOM	PRODUCTION BILL OF MATERIAL	1	
		1	20	2	US-123242-01-PBOM-PE~1981298	PRODUCTION ITEMS - PE	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		1000	10	3	EXT-112981	SHIM,PLATE,ASSORTED THICKNESS,WIDTH=7-7/8",LENGTH=12-1/2",CORNER FOOT, KBZ/U STANDARD, 316 STAINLESS STEEL, ITEM 1 OF DWG DRT-STD-US-BRT-003,ONLY FOR UNITS BUILT AFTER 1/21/2011	4	
		1000	20	3	EXT-113181	PLATE,SOLE,1-3/4" THICK,WIDTH=7-7/8",12-1/2" LONG,FOR COMPRESSOR: KBZ/U, STANDARD,CORNER SOLEPLATE,ITEM 1 OF DWG DRT-STD-US-BRT-002D,STEEL,ASME SA-36	4	
		1000	30	3	EXT-112983	SHIM,PLATE,WIDTH=6-1/2",LENGTH=7-5/8",GUIDE FOOT, KBZ/U STANDARD, 316 STAINLESS STEEL, ITEM 3 OF DWG DRT-STD-US-BRT-003	12	
		1000	40	3	EXT-113183	PLATE,SOLE,1-3/4" THICK,WIDTH=6-1/2",7-5/8" LONG,FOR COMPRESSOR: KBZ/U, STANDARD,GUIDE SUPPORT SOLEPLATE,ITEM 3 OF DWG DRT-STD-US-BRT-002D,STEEL,ASME SA-36	12	
		1000	50	3	EXT-112982	SHIM,PLATE,WIDTH=7-7/8",LENGTH=22-3/4",MIDDLE FOOT, KBZ/U STANDARD, 316 STAINLESS STEEL, ITEM 2 OF DWG DRT-STD-US-BRT-003	4	
		1000	60	3	EXT-113182	PLATE,SOLE,1-3/4" THICK,WIDTH=7-7/8",22-3/4" LONG,FOR COMPRESSOR: KBZ/U, STANDARD,MIDDLE SOLEPLATE,ITEM 2 OF DWG DRT-STD-US-BRT-002D,STEEL,ASME SA-36	4	
		1000	70	3	EXT-103701	CHOCK,MOUNTING,NOM HEIGHT= 2.59",MAX HEIGHT= 2.97",MIN HEIGHT= 2.22",DIAMETER= 5",MAX BOLT DIA= 1-3/8",MATL= SAE 1045 CARBON STEEL + ACE,RATED LOAD: 90KIP,ROTACHOCK,MACHINERY MOUNTING SOLUTIONS,RC5AX	12	
80	JACK SCREW ENGINE FOR HOR. ALIGNMENT	1000	80	3	EXT-184338	CAPSCREW,SQUARE HEAD,5/8" DIA,11 TPI,UNC,6" LONG,SET SCREW, CUP POINT, CASE HRDN, GR2 MATERIAL	8	
90	ENGINE JACK BOLT	1000	90	3	EXT-184339	CAPSCREW,SQUARE HEAD,1-1/2" DIA,12 TPI,UNF,10" LONG,SET SCREW, CUP POINT, CASE HRDN, GR2 MATERIAL	6	
100	ENGINE ANCHOR BOLT	1000	100	3	BLST0112X1400CAE	STUD,FULLY THREADED,1-1/8" DIA,7 TPI,7UN,14" LONG,ALLOY STEEL,ASME SA-193-B7,CLEAR ZINC PLATED (ASTM F1941-Fe/Zn 3A)	12	
110	ENGINE ANCHOR BOLT NUT	1000	110	3	BLHN0112A07CAE	NUT,HEAVY HEX,1-1/8" DIA,7 TPI,UNC-2B,CARBON STEEL,ASME SA-194-2H,CLEAR ZINC PLATED (ASTM F1941-Fe/Zn 3A)	24	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
120	COMPRESSOR ANCHOR BOLT AND CROSS HEAD GUIDE ANCHOR BOLTS	1000	120	3	EXT-131188	STUD,1-3/4" DIA,5 TPI,UNC,22" LONG,ALLOY STEEL,ASME SA-193-B7,CLEAR ZINC PLATED (ASTM F1941-Fe/Zn 3A),	24	
130	COMPRESSOR ANCHOR BOLT NUT AND CROSS HEAD ANCHOR BOLT NUT	1000	130	3	BLHN0175AE	NUT,HEAVY HEX,1-3/4" DIA,5 TPI,5UN,CARBON STEEL,ASME SA-194-2H,CLEAR ZINC PLATED (ASTM F1941-Fe/Zn 3A)	48	
140	COMPRESSOR JACK BOLT	1000	140	3	EXT-184342	CAPSCREW,SQUARE HEAD,1-1/8" DIA,7 TPI,UNC,12" LONG,SET SCREW, CUP POINT, CASE HRDN, GR2 MATERIAL	8	
150	COMPRESSOR SOLE PLATE JACK BOLT	1000	150	3	EXT-142540	CAPSCREW,HEX HEAD,1/2" DIA,13 TPI,UNC,7" LONG,CARBON STEEL,SAE J429-GR.8,YELLOW ZINC PLATED	44	
		2000	160	3	EXT-140420	BOLT,U,CARBON STEEL,HOT DIP GALVANIZED,FOR 1" PIPE,4 NUT,1" X 3/8",WITH POLYSHRINK,ASTM A153,LOW CARBON STEEL,POLYSHRINK MAXIMUM CONTINUOUS OPERATING TEMPERATURE IS 230 DEG F,DEEPWATER CORROSION SERVICES,GPS010375LWN	280	
170	U BOLT WITH NEORPRENE FOR 2" PIPE	2000	170	3	BLUB0200X0037DGN	BOLT,U,3/8" DIA,CARBON STEEL,GALVANIZED/NEOPRENE,FOR 2" PIPE,4 NUT	80	
180	U BOLT WITH NEORPRENE FOR 1-1/2" PIPE	2000	180	3	BLUB0150X0037DGN	BOLT,U,3/8" DIA,CARBON STEEL,GALVANIZED/NEOPRENE,FOR 1-1/2" PIPE,4 NUT	110	
190	FABREEKA PAD	2000	190	3	EXT-148377	PAD,2" WIDE x 1/16" THICK,FABREEKA	10	
200	GLUE FOR NEOPRENE	2000	200	3	GRAI-5E525	ADHESIVE,CEMENT,PVC,8 OZ,GRAINGER,5E525	.25	
210	CLEANER FOR NEOPRENE TO PUT ON METAL SURFACE	2000	210	3	GRAI-5E523	CLEANER,PIPE,8 OZ,CAN,FOR PVC,CPVC, AND ABS PIPE AND FITTINGS,GRAINGER,5E523	.25	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
220	10"-600#RF SPIRAL WOUND GASKET (3RD STAGE CYLINDERS)	1000	220	3	GSSG100ESA	GASKET,SPIRAL WOUND,NPS 10,CLASS 600,1/8" THICK,RAISED FACE,FLEXIBLE GRAPHITE FILLER,304 SS WINDING,CARBON STEEL GUIDE RING,ASME B16.20	4	
230	12"-300#RF SPIRAL WOUND GASKET (2ND STAGE CYLINDERS)	1000	230	3	GSSG120CSA	GASKET,SPIRAL WOUND,NPS 12,CLASS 300,1/8" THICK,RAISED FACE,FLEXIBLE GRAPHITE FILLER,304 SS WINDING,CARBON STEEL GUIDE RING,ASME B16.20	8	
240	8"-150#RF SPIRAL WOUND GASKET (1ST STAGE CYLINDERS)	1000	240	3	GSSG080BSA	GASKET,SPIRAL WOUND,NPS 8,CLASS 150,1/8" THICK,RAISED FACE,FLEXIBLE GRAPHITE FILLER,304 SS WINDING,CARBON STEEL GUIDE RING,ASME B16.20	16	
250	8"-1500#RF SPIRAL WOUND GASKET (4TH STAGE CYLINDERS)	1000	250	3	GSSG080GSA	GASKET,SPIRAL WOUND,NPS 8,CLASS 1500,1/8" THICK,RAISED FACE,FLEXIBLE GRAPHITE FILLER,304 SS WINDING,CARBON STEEL GUIDE RING,ASME B16.20	4	
260	CAPSCREWS FOR CYLINDER (3RD STAGE CYLINDERS)	1000	260	3	BLSB0125X0550CJD	CAPSCREW,HEX HEAD,1-1/4" DIA,7 TPI,UNC,5-1/2" LONG,CARBON STEEL,SAE J429-GR.8,YELLOW ZINC PLATED	32	
270	CAPSCREWS FOR 2ND STAGE CYLINDERS	1000	270	3	BLSB0112X0450CJD	CAPSCREW,HEX HEAD,1-1/8" DIA,7 TPI,UNC,4-1/2" LONG,CARBON STEEL,SAE J429-GR.8,YELLOW ZINC PLATED	64	
280	CAPSCREWS FOR 4TH STAGE CYLINDERS	1000	280	3	EXT-186074	CAPSCREW,1-5/8" DIA,5-1/2 TPI,UNS,7" LONG,CARBON STEEL,SAE J429-GR.8,YELLOW ZINC PLATED	24	
290	U BOLT WITH NEORPRENE FOR 1/2" PIPE	2000	290	3	EXT-161965	BOLT,U,3/8" DIA,GALVANIZED/NEOPRENE,FOR 1/2" PIPE,4 NUT	30	
HECOV-T2	Throw# 2 / Cyl. Diameter 9-1/4"	2000	300	3	HECOV-00001	COVER,CYLINDER HEAD END,STEEL,SA-36,FOR ARIEL 9-1/4 T:K:D:C:U:Z/K 2400 MAWP,1/4" THICK PLATE,PER DRAWING HECOV-00001	1	
HECOV-T1	Throw# 1 / Cyl. Diameter 14-1/8"	2000	310	3	HECOV-00025	COVER,CYLINDER HEAD END,STEEL,SA-36,FOR ARIEL 14-1/8 K:D:C:U:Z-HP 815 MAWP,1/4" THICK PLATE,PER DRAWING HECOV-00025	1	
HECOV-T4	Throw# 4 & 6 / Cyl. Diameter 17-7/8"	2000	320	3	HECOV-00027	COVER,CYLINDER HEAD END,STEEL,SA-36,FOR ARIEL 17-7/8 K:D:C:U:Z 445 MAWP,1/4" THICK PLATE,PER DRAWING HECOV-00027	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
HECOV-3	Throw# 3 & 5 / Cyl. Diameter 24-1/8"	2000	330	3	HECOV-00030	COVER,CYLINDER HEAD END,STEEL,SA-36,FOR ARIEL 24-1/8 K:D:C:U:Z 275 MAWP,1/4" THICK PLATE,PER DRAWING HECOV-00030	2	
		2000	340	3	US-123242-01-CMP-03-700	2ND STG SCRUBBER DRAIN – 1" PIPE SUPPORT (LEFT SIDE),	1	
FH-1164	1/2" MNPT FLEX HOSE	2100	10	4	EXT-155978	HOSE,ASSEMBLY,FLEXIBLE/CORRUGATED ANNULAR,1/2" ID,1/2" MNPT,12" LONG,STAINLESS STEEL,3/4" DIAMETER (NOMINAL),REPLACES P/N 128188007	1	
FH-1165	1"-150#RF FLEX HOSE	2100	20	4	EXT-185272	HOSE,ASSEMBLY,1" ID,1" 150 LB RF CARBON STEEL FLANGE,1" 150 LB RF CARBON STEEL FLANGE,12" LONG,BRAIDED STAINLESS STEEL HOSE	3	
VL-1165	1"-150#RF BALL VALVE	2100	40	4	EXT-181576	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,RAISED FACE,NPS 1,CLASS 150,TWO-PIECE BOLTED BODY,ASTM A216-WCB CAST STEEL BODY,FULL PORT,ASME B16.10 LONG PATTERN,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= PTFE,SEAL MATL= HNBR,BOLTING= ASTM A193-B7/A194-2H (NACE CL. III),API 6D,FIRESAFE PER API 607,NACE MR0175/ISO 15156 COMPLIANT,VINTROL INC,410012624699US	1	
FH-1161	1-1/2"-150#RF FLEX HOSE	2100	50	4	EXT-156764	HOSE,ASSEMBLY,FLEXIBLE METAL,1-1/2" 150# RF,1-1/2" 150# RF,12" OAL,CARBON STEEL,1" DIAMETER, MANGUERA FLEX ARGENTINA	3	
AD-1163	CAT TESTING NIPPLE FILTER	2100	60	4	CAT-6V3965	NIPPLE,PIPE,TYPE: ASSEMBLY,CATERPILLAR,6V3965	1	
OR-1163	CAT O-RING AT FILTER	2100	70	4	CAT-3J1907	SEAL,CATERPILLAR,3J1907	1	
VCAP-1163	CAT DUST CAP AT FILTER	2100	80	4	CAT-6V0852	CAP,DUST,CATERPILLAR,6V0852	1	
VL-1160	1/2" FNPT BALL VALVE	2100	90	4	EXT-185410	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,NPS 1/2,FNPT,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSI AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
						STAINLESS STEEL,SEAT MATL= RPTFE,SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,BOLTING= ASTM B193-B7,API 608,ASME B16.34,FIRESAFE TO API 607,NACE MR0175 COMPLIANT,ISO 5211, 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLTT050		
VL-1166	1" SOCKET WELD BALL VALVE	2100	100	4	EXT-185416	VALVE,BALL,LOCKING LEVER OPERATED,NPS 1,SOCKET WELD,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSI AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE,SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,BOLTING= ASTM B193-B7,API 608,ASME B16.34,FIRESAFE TO API 607,NACE MR0175 COMPLIANT,ISO 5211, 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLWW100	3	
VL-1164	1-1/2" SOCKET WELD BALL VALVE	2100	110	4	EXT-185418	VALVE,BALL,LOCKING LEVER OPERATED,NPS 1-1/2,SOCKET WELD,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSI AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE,SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,BOLTING= ASTM B193-B7,API 608,ASME B16.34,FIRESAFE TO API 607,NACE MR0175 COMPLIANT,ISO 5211, 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLWW150	3	
VL-1161	1-1/2"-150#RF BALL VALVE	2100	120	4	KF-E21491922G91	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,RAISED FACE,NPS 1-1/2,CLASS 150,TWO-PIECE BOLTED BODY,CARBON STEEL BODY,FULL PORT,ASME B16.10 LONG PATTERN,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= PTFE SEAL MATL= HNBR,BOLTING= ASTM A193-B7/A194-2H (NACE CL. III),API 6D,FIRESAFE PER API 607,NACE MR0175/ISO 15156 COMPLIANT,IMPORTED,KF,E21491922G91	1	
VL-1156	3/4" SW X NPT BALL VALVE	2100	130	4	EXT-187055	VALVE,BALL,LOCKING LEVER OPERATED,NPS 3/4,SOCKET WELD X FNPT,CLASS 800,TWO-PIECE BODY,CARBON STEEL BODY,FULL PORT,BALL MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RTFE,SEAL MATL= GRAPHITE,GRAPHITE STEM PACKING (FIRE SAFE),316SS TRIM,QUADRANT M2FCSRGSLWT075	1	
		2000	341	3	US-123242-01-CMP-03-701	2ND STG SCRUBBER DRAIN – 1" PIPE SUPPORT (RIGHT SIDE)	1	
		2000	342	3	US-123242-01-CMP-03-702	1" PIPE SUPPORT	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	343	3	US-123242-01-CMP-03-703	1" PIPE 3-RUN SUPPORT	2	
		2000	344	3	US-123242-01-CMP-03-704	1ST STG SCRUBBER DRAIN – 1" PIPE SUPPORT (RIGHT SIDE)	1	
		2000	345	3	US-123242-01-CMP-03-705	1ST STG SCRUBBER DRAIN – 1" PIPE SUPPORT (LEFT SIDE)	2	
		2000	346	3	US-123242-01-CMP-03-706	2ND STG INSTRUMENT HEADER – 1" PIPE SUPPORT	2	
		2000	347	3	US-123242-01-CMP-03-707	2ND STG DRAIN SYSTEM – 1" PIPE SUPPORT	2	
		2000	348	3	US-123242-01-CMP-03-708	CUSTOMER CONNECTION R & G – 1" PIPE SUPPORT	1	
		2000	349	3	US-123242-01-CMP-03-709	1ST STG SCRUBBER INSTRUMENT AIR HEADER – 1" PIPE SUPPORT	5	
		2000	350	3	US-123242-01-CMP-03-710	1ST STG SCRUBBER DRAIN – 1" PIPE SUPPORT	2	
		2000	351	3	US-123242-01-CMP-03-711	CUSTOMER CONNECTIONS C4, M, R & G – PIPE SUPPORT	1	
		2000	352	3	US-123242-01-CMP-03-712	CUSTOMER CONNECTION C2, C4 & M – 1" PIPE SUPPORT	1	
		2000	353	3	US-123242-01-CMP-03-713	CUSTOMER CONNECTION V, E & F – 1-1/2" PIPE SUPPORT	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	354	3	US-123242-01-CMP-03-714	CUSTOMER CONNECTION T & C3 – 1" PIPE SUPPORT	1	
		2000	355	3	US-123242-01-CMP-03-715	INSTRUMENT AIR SPARE CONNECTION – 1" PIPE SUPPORT	1	
		2000	356	3	US-123242-01-CMP-03-716	1ST STG CASCADE SUPPORT - 1" PIPE SUPPORT (RIGHT SIDE)	1	
		2000	357	3	US-123242-01-CMP-03-717	CASCADE DRAIN LINE TO 3RD STG FROM 2ND STG – 1" PIPE SUPPORT (RIGHT SIDE)	1	
		2000	358	3	US-123242-01-CMP-03-718	FUEL GAS FILTER DRAIN – 1" PIPE SUPPORT	3	
		2000	359	3	US-123242-01-CMP-03-719	FUEL GAS FILTER DRAIN – 1" PIPE SUPPORT (RIGHT SIDE)	1	
		2000	360	3	US-123242-01-CMP-03-720	CUSTOMER CONNECTION R – 1" PIPE SUPPORT	2	
		2000	361	3	US-123242-01-CMP-03-721	OIL 671- B LINE – 1-1/2" PIPE SUPPORT (LEFT SIDE)	2	
		2000	362	3	US-123242-01-CMP-03-722	OIL 671-B LINE – 1-1/2" PIPE SUPPORT (RIGHT SIDE)	1	
		2000	363	3	US-123242-01-CMP-03-723	CASCADE DRAIN LINE TO 3RD STG FROM 2ND STG – 1" PIPE SUPPORT	2	
		2000	364	3	US-123242-01-CMP-03-724	ENGINE TO OIL COOLER WATER LINE IN & OUT TO PEDESTAL – 1-1/2" PIPE SUPPORT (LEFT SIDE)	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	365	3	US-123242-01-CMP-03-725	ENGINE TO OIL COOLER WATER LINE IN & OUT TO PEDESTAL – 1-1/2" PIPE SUPPORT (LEFT SIDE)	2	
		2000	366	3	US-123242-01-CMP-03-726	LINE T – 1" PIPE SUPPORT (LEFT SIDE)	2	
		2000	367	3	US-123242-01-CMP-03-727	LINE F – 1-1/2" PIPE SUPPORT (LEFT SIDE)	1	
		2000	368	3	US-123242-01-CMP-03-728	LINE V – 1-1/2" PIPE SUPPORT (LEFT SIDE)	2	
		2000	369	3	US-123242-01-CMP-03-729	LINE F & E – 1-1/2" PIPE SUPPORT	1	
		2000	370	3	US-123242-01-CMP-03-730	LINE F & E – 1-1/2" PIPE SUPPORT	1	
		2000	371	3	US-123242-01-CMP-03-731	INSTRUMENT AIR LINE – 1" PIPE SUPPORT	3	
		2000	372	3	US-123242-01-CMP-03-732	LINES M, R, OIL COMPRESSOR SIDE (OIL COOLER) – 1" PIPE SUPPORT	1	
		2000	373	3	US-123242-01-CMP-03-733	1" COMING THROUGH BOTTOM OF COMPRESSOR – 3RD STG – 1" PIPE SUCTION SCRUBBER- SUPPORT	1	
		2000	374	3	US-123242-01-CMP-03-734	LINE M THROUGH COMPRESSOR (LEFT SIDE) – 1" PIPE SUPPORT	2	
		2000	375	3	US-123242-01-CMP-03-735	VENT LINE – 1" PIPE SUPPORT (LEFT SIDE)	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	376	3	US-123242-01-CMP-03-736	VENT LINE – 1" PIPE SUPPORT	2	
		2000	377	3	US-123242-01-CMP-03-737	C3 LINE THROUGH COMPRESSOR (LEFT SIDE) – 1" PIPE SUPPORT	1	
		2000	378	3	US-123242-01-CMP-03-738	VENT & WATER LINE (RIGHT SIDE) – 1-1/2" (TOP) & 2" (BTM) PIPE SUPPORT	1	
		2000	379	3	US-123242-01-CMP-03-739	VENT & WATER LINE (RIGHT SIDE) – 1-1/2" (TOP) & 2" (BTM) SUPPORT	1	
		2000	380	3	US-123242-01-CMP-03-740	SP-658 (RIGHT SIDE) – 1-1/2" PIPE SUPPORT	1	
		2000	381	3	US-123242-01-CMP-03-741	SP-664 (RIGHT SIDE) – 1" PIPE SUPPORT	3	
		2000	382	3	US-123242-01-CMP-03-742	HOTSTART TO ENGINE WATER LINE (RIGHT SIDE) – 1-1/2" PIPE SUPPORT	4	
		2000	383	3	US-123242-01-CMP-03-743	SP-662 (LEFT SIDE) – 1-1/2" PIPE SUPPORT	4	
		2000	384	3	US-123242-01-CMP-03-744	SP-661 (LEFT SIDE) 1-1/2" PIPE SUPPORT	1	
		2000	385	3	US-123242-01-CMP-03-745	SP-678B (LEFT SIDE) – 1" PIPE SUPPORT	1	
		2000	386	3	US-123242-01-CMP-03-746	SP-661 (RIGHT SIDE) – 1-1/2" PIPE SUPPORT	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	387	3	US-123242-01-CMP-03-747	SP-665 (LEFT SIDE) – 1" PIPE SUPPORT	1	
		2000	388	3	US-123242-01-CMP-03-748	2" VENT (TOP & 1-1/2" (BTM) JW LINE SUPPORT (LEFT SIDE)	1	
		2000	389	3	US-123242-01-CMP-03-749	EWS-HOTSTART (LEFT SIDE) – 1-1/2" PIPE SUPPORT	1	
		2000	390	3	US-123242-01-CMP-03-750	EJW DRAIN FILL (LEFT SIDE) – 1" PIPE SUPPORT	2	
		2000	391	3	US-123242-01-CMP-03-751	VENT TO SECTIONS (LEFT SIDE) – 2" PIPE SUPPORT	1	
		2000	392	3	US-123242-01-CMP-03-752	VENT TO SECTIONS (RIGHT SIDE) – 2" PIPE SUPPORT	1	
		2000	393	3	US-123242-01-CMP-03-753	FUEL GAS CUSTOMER CONNECTION H (RIGHT SIDE) - 2" PIPE SUPPORT	1	
		2000	394	3	US-123242-01-CMP-03-754	ENGINE OIL DRAIN 676-A (RIGHT SIDE) – 1-1/2" PIPE SUPPORT	1	
		2000	395	3	US-123242-01-CMP-03-755	WATER LINE EJW & AUX DRAIN FILL 45 & 49 – 1" PIPE SUPPORT	2	
		2000	396	3	US-123242-01-CMP-03-756	WATER TO ENGINE LINE (LEFT SIDE) – 1" PIPE SUPPORT	2	
		2000	397	3	US-123242-01-CMP-03-757	WATER FROM ENGINE – 1" PIPE SUPPORT	4	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	398	3	US-123242-01-CMP-03-758	WATER FROM ENGINE (RIGHT SIDE) – 1" PIPE SUPPORT	1	
		2000	399	3	US-123242-01-CMP-03-759	SP-659 (LEFT SIDE) – 1-1/2" PIPE SUPPORT	1	
		2000	400	3	US-123242-01-CMP-03-760	SP-659 (RIGHT SIDE) – 1-1/2" PIPE SUPPORT	2	
		2000	401	3	US-123242-01-CMP-03-761	SP-659 (RIGHT SIDE) – 1-1/2" PIPE SUPPORT	1	
		2000	402	3	US-123242-01-CMP-03-762	SP-659 (RIGHT SIDE) – 1-1/2" PIPE SUPPORT	1	
		2000	403	3	US-123242-01-CMP-03-763	OIL 665 (RIGHT SIDE) – 1" PIPE SUPPORT	1	
		2000	404	3	US-123242-01-CMP-03-764	OIL 665 (LEFT SIDE) – 1" PIPE SUPPORT	1	
		2000	405	3	US-123242-01-CMP-03-765	POST STYLE – 2" PIPE SUPPORT (RIGHT SIDE)	1	
		2000	406	3	US-123242-01-CMP-03-766	FUEL GAS LINE (RIGHT SIDE) – 2" PIPE SUPPORT	1	
		2000	407	3	US-123242-01-CMP-03-767	INSTRUMENT AIR THRU ZONE 7 (LEFT SIDE) – 1" PIPE SUPPORT	4	
		2000	408	3	US-123242-01-CMP-03-768	FUEL GAS FROM FUEL FILTER (RIGHT SIDE) – 1" PIPE SUPPORT	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	409	3	US-123242-01-CMP-03-769	WATER FROM ENGINE TO PEDESTAL PIPE – 2" SUPPORT	1	
		2000	410	3	US-123242-01-CMP-03-770	WATER FROM ENGINE TO PEDESTAL – 2" PIPE SUPPORT (RIGHT SIDE)	1	
		2000	411	3	US-123242-01-CMP-03-771	WATER TO ENGINE FROM PEDESTAL – 2" PIPE SUPPORT (LEFT SIDE)	2	
		2000	412	3	US-123242-01-CMP-03-772	WATER TO ENGINE FROM PEDESTAL – 2" PIPE SUPPORT (LEFT SIDE)	1	
		2000	413	3	US-123242-01-CMP-03-773	1-1/2" PIPE SUPPORT (LEFT SIDE)	2	
		2000	414	3	US-123242-01-CMP-03-774	3RD STG SCRUBBER THRU PEDESTAL – 1" PIPE SUPPORT	1	
		2000	415	3	US-123242-01-CMP-03-775	VENT & INSTRUMENT AIR THRU PEDESTAL – 1" PIPE SUPPORT	2	
		2000	416	3	US-123242-01-CMP-03-776	INSTRUMENT AIR TO 3RD STG SCRUBBER – 1" PIPE SUPPORT (RIGHT SIDE)	1	
		2000	417	3	US-123242-01-CMP-03-777	INSTRUMENT AIR TO 3RD STG SCRUBBER– 1" PIPE SUPPORT (LEFT SIDE)	2	
		2000	418	3	US-123242-01-CMP-03-778	3RD STG SCRUBBER DRAIN – 1" PIPE SUPPORT (RIGHT SIDE)	1	
		2000	419	3	US-123242-01-CMP-03-779	3RD STG SCRUBBER DRAIN – 1" PIPE SUPPORT (RIGHT SIDE)	3	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	420	3	US-123242-01-CMP-03-780	3RD STG SCRUBBER DRAIN – 1" PIPE SUPPORT (LEFT SIDE)	1	
		2000	421	3	US-123242-01-CMP-03-781	3RD STG SCRUBBER DRAIN – 1" PIPE SUPPORT (RIGHT SIDE)	2	
		2000	422	3	US-123242-01-CMP-03-782	3RD STG SCRUBBER DRAIN – 1" PIPE SUPPORT (LEFT SIDE)	2	
		2000	423	3	US-123242-01-CMP-03-783	3" OIL LINE HOTSTART – COMPRESSOR SUPPORT (RIGHT SIDE)	3	
		2000	424	3	US-123242-01-CMP-03-784	2" VENT LINE SUPPORT	3	
		2000	425	3	US-123242-01-CMP-03-785	2" VENT LINE SUPPORT	2	
		2000	426	3	US-123242-01-CMP-03-786	SP-662 - 1-1/2" PIPE SUPPORT (LEFT SIDE)	3	
		2000	427	3	US-123242-01-CMP-03-787	SP-678B – 1" PIPE SUPPORT (RIGHT SIDE)	1	
		2000	428	3	US-123242-01-CMP-03-788	OIL LINE SW 665 – 1" PIPE SUPPORT (LEFT SIDE)	1	
		2000	429	3	US-123242-01-CMP-03-789	FUEL GAS LINE – 2" PIPE SUPPORT (RIGHT SIDE)	2	
		2000	430	3	US-123242-01-CMP-03-790	FUEL GAS LINE TO FILTER – 1" PIPE SUPPORT (RIGHT SIDE)	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	431	3	US-123242-01-CMP-03-791	FUEL GAS LINE TO FILTER – 1" PIPE SUPPORT (RIGHT SIDE)	3	
		2000	432	3	US-123242-01-CMP-03-792	INSTRUMENT AIR LINE – 1" PIPE SUPPORT (RIGHT SIDE)	1	
		2000	433	3	US-123242-01-CMP-03-793	1" PIPE SUPPORT (LEFT SIDE)	1	
		2000	434	3	US-123242-01-CMP-03-794	FUEL GAS LINE/REGULATOR – 2" PIPE SUPPORT (RIGHT SIDE)	2	
		2000	435	3	US-123242-01-CMP-03-795	FUEL GAS LINE/ENGINE – 2" PIPE SUPPORT (LEFT SIDE)	1	
		2000	436	3	US-123242-01-CMP-03-796	FUEL GAS LINE/ENGINE – 2" PIPE SUPPORT (RIGHT SIDE)	5	
		2000	437	3	US-123242-01-CMP-03-797	4TH STG SCRUBBER DRAIN (IN PEDESTAL) – 1" PIPE SUPPORT	1	
		2000	438	3	US-123242-01-CMP-03-798	4TH STG SCRUBBER DRAIN – 1" PIPE SUPPORT (LEFT SIDE)	3	
		2000	439	3	US-123242-01-CMP-03-799	1" PIPE SUPPORT (RIGHT SIDE)	1	
		2000	440	3	US-123242-01-CMP-03-800	4TH STG SCRUBBER DRAIN – SUPPORT (RIGHT SIDE)	4	
		2000	441	3	US-123242-01-CMP-03-801	INSTRUMENT AIR BY FLYWHEEL SUPPORT	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	442	3	US-123242-01-CMP-03-802	INSTRUMENT AIR LINE – 1" PIPE SUPPORT (LEFT SIDE)	2	
		2000	443	3	US-123242-01-CMP-03-803	INSTRUMENT AIR LINE – 1" PIPE SUPPORT (LEFT SIDE)	6	
G-8706	GROUT UNDER COMPRESSOR	1000	8706	3	SUPP-CHOCKFAST-BLACK	GROUT,EPOXY,TWO COMPONENT,DEEP POUR,265 CU.IN/UNIT,BLACK,1-1/4" TO 2-1/2" THICK,CHOCKFAST	32	
		2000	9056	3	XTRN-BTCL2400FAB	CLAMP,ASSEMBLY,24",STANDARD,WITH FABREEKA	2	
		2000	9066	3	XTRN-BTCL2800FAB	CLAMP,ASSEMBLY,28",STANDARD,WITH FABREEKA	1	
		2000	9076	3	EXT-100568	SUPPORT,ASSEMBLY,WEDGE,FOR 26" OD THRU 30" OD VESSELS,PER DRAWING DETAIL	2	
		2000	9086	3	EXT-100567	SUPPORT,ASSEMBLY,WEDGE,FOR 20" OD THRU 24" OD VESSELS,PER DRAWING DETAIL	5	
		2000	9106	3	EXT-140196R1	SUPPORT,ASSEMBLY,DUAL OCLE-3180-0604-3220 HOTSTART DETAIL/FABRICATION DRAWING R2	1	
		2000	9116	3	EXT-164565	SUPPORT,FLANGE,FOR 3" CLASS 150# 12" LONG ASTM A-36	1	
		2000	9126	3	XTRN-PPCS0300FAB	CLAMP,PIPE,CARBON STEEL,NPS 3,2-BOLT,WITH FABREEKA AND 12" SUPPORT,PER DRAWING DETAIL	9	
		2000	9136	3	EXT-124728	SUPPORT,ASSEMBLY,PIPE,TDI STARTER INLET,FOR G3612/G3616,PER DRAWING DETAIL,124728	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	9146	3	XTRN-PPCS0600FAB	CLAMP,PIPE,CARBON STEEL,NPS 6,2-BOLT,WITH FABREEKA AND 12" SUPPORT,PER DRAWING DETAIL	1	
		2000	9156	3	EXT-111140	SUPPORT,ASSEMBLY,WEDGE,FOR 20" AND LARGER VESSELS,LOW PROFILE,PER DRAWING DETAIL,111140	3	
		2000	9166	3	XTRN-UTCL2000CE	CLAMP,PIPE,CARBON STEEL,NPS 20,2-HOLE, PER DWG US-HE-STD-03-009	6	
		2000	9176	3	XTRN-PPCL2000FAB	CLAMP,PIPE,CARBON STEEL,NPS 20,4-BOLT,WITH FABREEKA,PER DRAWING DETAIL	3	
		2000	9186	3	XTRN-PPCL0300FAB	CLAMP,PIPE,CARBON STEEL,NPS 3,2-BOLT,WITH FABREEKA,PER DRAWING DETAIL	10	
		2000	9196	3	XTRN-PPCL1000FAB	CLAMP,PIPE,CARBON STEEL,NPS 10,4-BOLT,WITH FABREEKA,PER DRAWING DETAIL	4	
		2000	9206	3	EXT-164778	SUPPORT,FLANGE,FOR 2" CLASS 900# 12" LONG ASTM A-36	2	
		2000	9216	3	XTRN-PPCL1200CE	CLAMP,PIPE,CARBON STEEL,NPS 12,4-BOLT,PER DRAWING DETAIL	1	
		2000	9226	3	XTRN-PPCL1200FAB	CLAMP,PIPE,CARBON STEEL,NPS 12,4-BOLT,WITH FABREEKA,PER DRAWING DETAIL	14	
		2000	9236	3	XTRN-PPCL0600FAB	CLAMP,PIPE,CARBON STEEL,NPS 6,2-BOLT,WITH FABREEKA,PER DRAWING DETAIL	75	
		2000	9246	3	XTRN-PPCL1400FAB	CLAMP,PIPE,CARBON STEEL,NPS 14,4-BOLT,WITH FABREEKA,PER DRAWING DETAIL	11	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	9256	3	XTRN-PPCL0800FAB	CLAMP,PIPE,CARBON STEEL,NPS 8,4-BOLT,WITH FABREEKA,PER DRAWING DETAIL	20	
		2000	10006	3	US-123130-01-CMP-03-719	FUEL GAS FILTER DRAIN (RIGHT) PIPE SUPPORT DETAIL R2	1	
10866	3" X 2" 150#RF X FNPT REDUCING FLANGE AT FUEL FILTER	2000	10866	3	FLRR0300A0200XTCA	FLANGE,PIPE,RAISED FACE,THREADED,FNPT,REDUCING,CLASS 150,NPS 3,TO NPS 2,STEEL,ASME SA-105,ASME B16.5	2	
10876	SHACKLE FOR DISCHARGE VESSEL LIFTING	2000	10876	3	CROS-G20955	SHACKLE,ANCHOR/SCREW PIN,2-1/2" DIA,55 TON SAFE LOAD RATING,GALVANIZED STEEL,ALLOY PIN, G-209CROSBY,1018678,	1	
		1	10886	3	EXT-188128	PAD,10 IN WIDE X 1/16 IN THICK,FABREEKA	40	
		2000	10896	3	US-123242-01-CMP-03-305	ENGINE WORK PLATFORM,	1	
		2000	10906	3	US-123242-01-CMP-03-306	ENGINE WORK PLATFORM,	1	
		2000	10916	3	US-123242-01-CMP-03-307	ENGINE WORK PLATFORM,	1	
		2000	10926	3	US-123242-01-CMP-03-308	CYLINDER WORK PLATFORM,	1	
		2000	10936	3	US-123242-01-CMP-03-309	HOTSTART ACCESS PLATFORM,	1	
		2000	10946	3	US-123242-01-CMP-03-310	FUEL FILTER ACCESS PLATFORM,	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	10956	3	US-123242-01-CMP-03-311	HEAVY DUTY DUAL AIR FILTER SUPPORT,	1	
		2000	10966	3	US-123242-01-CMP-03-316	SILENCER WORK PLATFORM (RIGHT),	1	
		2000	10976	3	US-123242-01-CMP-03-317	SILENCER WORK PLATFORM (LEFT),	1	
		2000	10986	3	US-123242-01-CMP-03-321	ENGINE UPPER STRUCTURE,	1	
		2000	10996	3	US-123242-01-CMP-03-322	OFF SKID EXHAUST SUPPORT,	1	
		2000	11006	3	US-123242-01-CMP-03-323	OFF SKID EXHAUST SUPPORT,	1	
		2000	11016	3	US-123242-01-CMP-03-326	ENGINE UPPER STRUCTURE,	1	
		2000	11026	3	US-123242-01-CMP-03-327	ENGINE UPPER STRUCTURE,	1	
		2000	11036	3	US-123242-01-CMP-03-330	CAGE LADDER,	1	
		2000	11046	3	US-123242-01-CMP-03-331	SURGE TANK SUPPORT,	1	
		2000	11056	3	US-123242-01-CMP-03-341	OIL COOLER SUPPORT,	2	

Project# : US-123242
Customer : XTO Energy

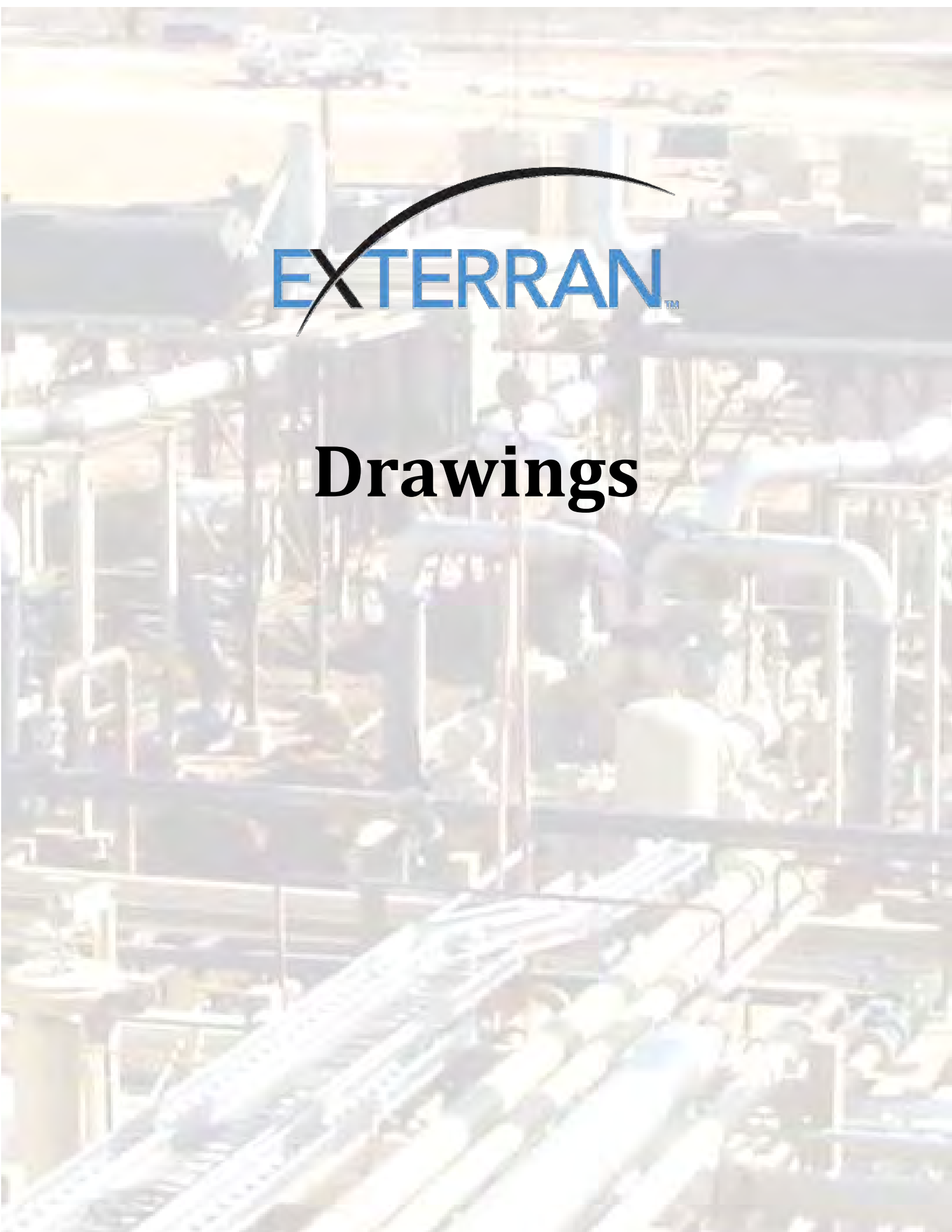
Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	11066	3	US-123242-01-CMP-03-343	PIPE SUPPORT SKID,	1	
		2000	11076	3	US-123242-01-CMP-03-346	112" PIPE SLEEPER/SUPPORT DETAILS,	1	
		2000	11086	3	US-123242-01-CMP-03-347	BOTTLE STRAP W/FABREEKA – 36" OD BOTTLE,	1	
		2000	11096	3	US-123242-01-CMP-03-349	6" G1 TYPE PIPE CLAMP W/FABREEKA,	2	
		2000	11106	3	US-123242-01-CMP-03-350	8" G1 TYPE PIPE CLAMP W/FABREEKA,	3	
		2000	11116	3	US-123242-01-CMP-03-351	12" G1 TYPE PIPE CLAMP W/FABREEKA,	2	
		2000	11126	3	US-123242-01-CMP-03-352	6" G2 TYPE PIPE CLAMP W/FABREEKA,	5	
		2000	11136	3	US-123242-01-CMP-03-353	14" G1 TYPE PIPE CLAMP W/FABREEKA,	3	
		2000	11146	3	US-123242-01-CMP-03-354	SURGE TANK DRIP PAN,	1	
		2000	11156	3	US-123242-01-CMP-03-355	PIPE SUPPORT A – 6" NPS W/FABREEKA,	2	
		2000	11166	3	US-123242-01-CMP-03-356	INLET PIPE SUPPORT – 20" W/FABREEKA,	1	

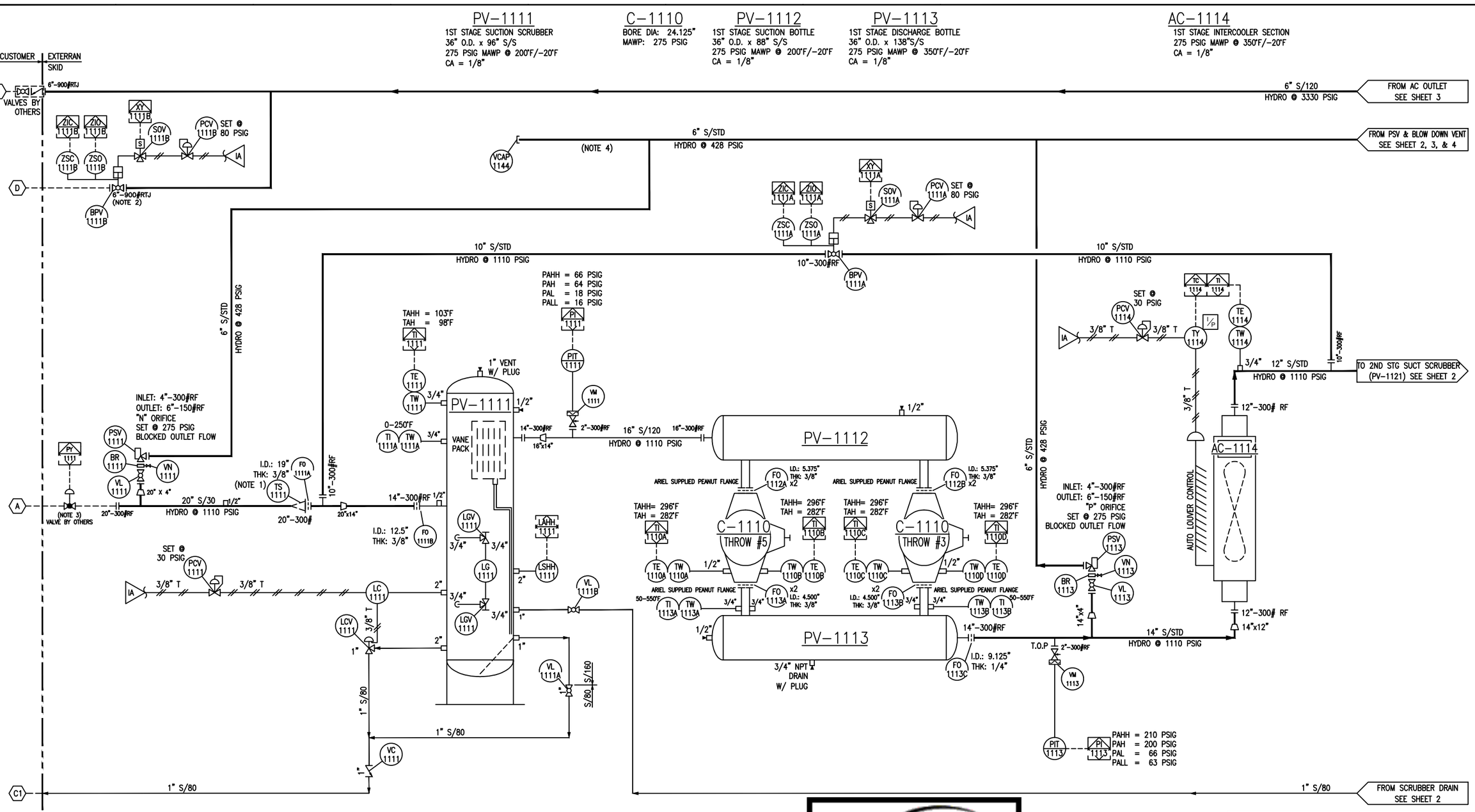
Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	11176	3	US-123242-01-CMP-03-357	PIPE SUPPORT A – 12" & 6" NPS 2/FABREEKA,	1	
		2000	11186	3	US-123242-01-CMP-03-358	PIPE SUPPORT B – 6" NPS W/FABREEKA,	2	
		2000	11196	3	US-123242-01-CMP-03-359	PIPE SUPPORT A – 6" NPS W/FABREEKA,	1	
		2000	11206	3	US-123242-01-CMP-03-360	PIPE SUPPORT – 6" NPS WATER INLET,	1	
		2000	11216	3	US-123242-01-CMP-03-363	8" G2 TYPE PIPE CLAMP W/FABREEKA,	2	
		2000	11226	3	US-123242-01-CMP-03-370	SURGE TANK,	1	
		2000	11236	3	US-123242-01-CMP-03-374	MISC STRUCTURAL – 4TH STG PSV SUPPORT	1	
		1	180	1	US-123242-01-CMP-05-SW	SOCKET WELD SPOOLS	1	



Drawings



NOTES:

1. FLOW ORIFICE (FO-1111) TO BE INSTALLED IN PLACE OF STRAINERS (TS-1111) BY OTHERS AT SITE.
2. CUSTOMER TO PROVIDE & INSTALLED OFF SKID PIPE SPOOL FOR FINAL STAGE BYPASS VALVE.
3. EXTERRAN TO PROVIDE (50 FT- CUSTOMER TO CONFIRM) WIRING FROM EXTERRAN PROVIDED CONTROL PANEL TO SKID EDGE FOR CUSTOMER PROVIDED PRESSURE CONTROL VALVE.
4. VENT LINE (PSV & BLOWDOWN) ROUTED 3.5 FT. ABOVE PROCESS COOLER.

CUSTOMER CONNECTIONS

MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION
A	20"-300# RF	CUSTOMER GAS INLET	C3	1"-3000#	SCRUBBER DRAIN (3RD STAGE)
B	6"-900# RTJ	CUSTOMER GAS OUTLET	C4	1"-3000#	SCRUBBER DRAIN (4TH STAGE)
D	6"-900# RTJ	FINAL STAGE BYPASS VALVE LINE			
C1	1"-3000#	SCRUBBER DRAIN (1ST STAGE)			
C2	1"-3000#	SCRUBBER DRAIN (2ND STAGE)			

MAJOR COMPONENTS

COMPRESSOR	KBZ-6		
CYLINDERS	THROW #1 14-1/8 Z:10	THROW #2 9-1/4 ZK	THROW #3 24-1/8 Z:10
	THROW #4 17-7/8 Z:10	THROW #5 24-1/8 Z:10	THROW #6 17-7/8 Z:10
DRIVER	CAT 3616 A4		
COUPLING	GCF-511-92		
COOLER	PROCESS: 180-2ZF UTILITY: 168-2ZF		
PANEL	CENTRURION PLUS		

TUBING WALL THICKNESS

DIA.	WALL THICKNESS
1/4"	0.035"
3/8"	0.035"
1/2"	0.049"
3/4"	0.065"
1"	0.065"

REVISIONS

REV.	DESCRIPTION	DATE	BY	CK	APP'D
-	-	-	-	-	-
-	-	-	-	-	-
2	AS BUILT UNITS 123242-244: RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
1	REVISED ISSUED FOR CONSTRUCTION	03/18/19	C.P.	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/10/18	KK	JT	JT

EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

	US-123263-01	US-123252-01
	US-123262-01	US-123251-01
US-123272-01	US-123261-01	US-123250-01
US-123271-01	US-123260-01	US-123249-01
US-123270-01	US-123259-01	US-123248-01
US-123269-01	US-123258-01	US-123247-01
US-123268-01	US-123257-01	US-123246-01
US-123267-01	US-123256-01	US-123245-01
US-123266-01	US-123255-01	US-123244-01
US-123265-01	US-123254-01	US-123243-01
US-123264-01	US-123253-01	US-123242-01
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JOB. NO./W.I.P. NO./OP. STEP
—
PART NO./PRODUCT I.D. NO.
—

EXTERRAN
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

CUSTOMER
XTO ENERGY
GAS GATHERING COMPRESSION

TITLE
PROCESS P&ID
6 THROW, 4 STAGE (1ST STAGE)

DRAWN	DATE	APPROVED	SCALE - D SIZE	NO. REQ'D
C. PEREZ	08/15/18	V. VISHAL	N.T.S.	1/PER UNIT

DRAWING NO. US-123242-01-CMP-01-001
SHT. NO. 1 OF 4
REV. 2

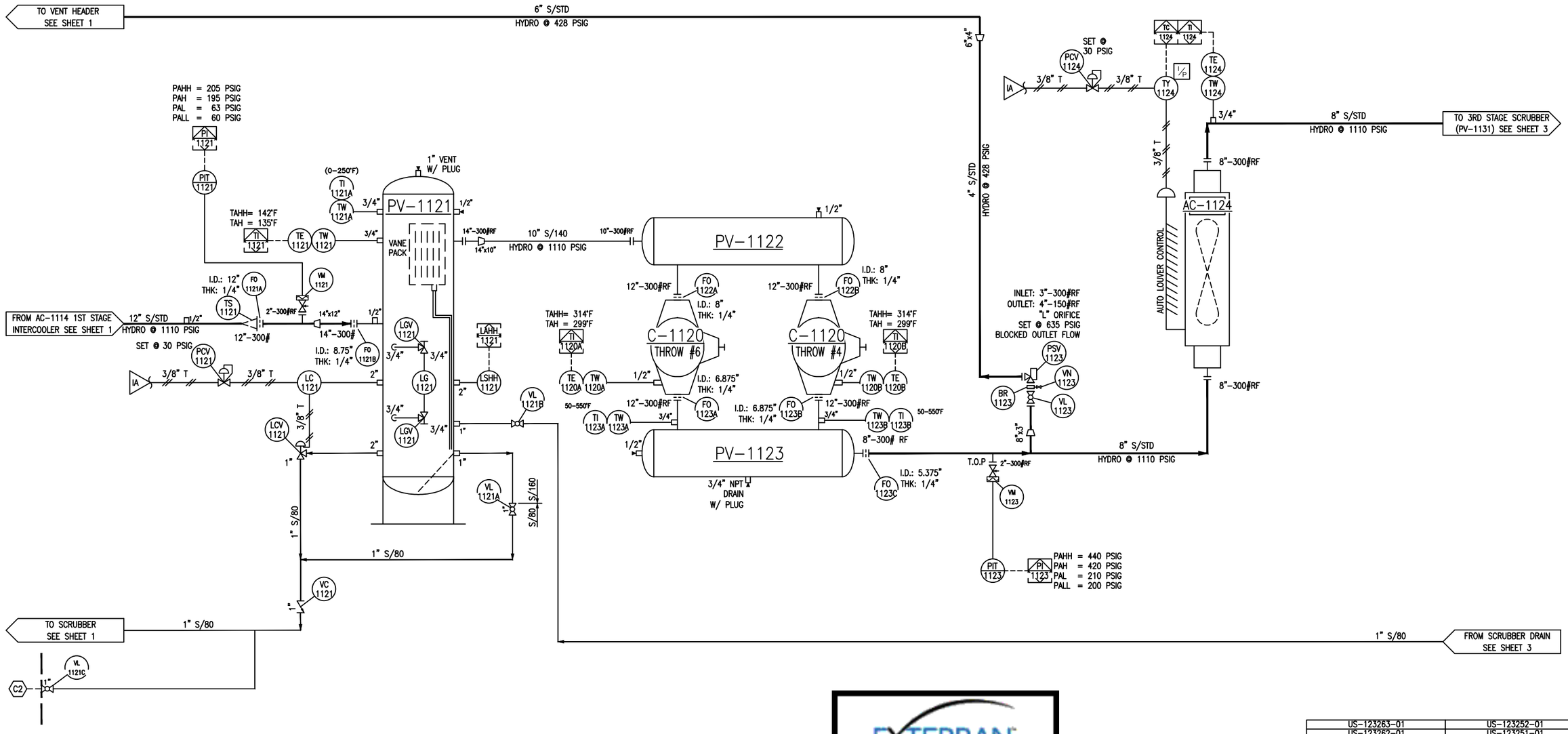
PV-1121
2ND STAGE SUCTION SCRUBBER
36" O.D. x 96" S/S
275 PSIG MAWP @ 200°F/-20°F
CA = 1/8"

C-1120
BORE DIA: 17.375"
MAWP: 635 PSIG

PV-1122
2ND STAGE SUCTION BOTTLE
32" O.D. x 82" S/S
275 PSIG MAWP @ 200°F/-20°F
CA = 1/8"

PV-1123
2ND STAGE DISCHARGE BOTTLE
24" O.D. x 139" S/S
635 PSIG MAWP @ 350°F/-20°F
CA = 1/8"

AC-1124
2ND STAGE INTERCOOLER SECTION
635 PSIG MAWP @ 350°F/-20°F
CA = 1/8"



NOTES:
1. FLOW ORIFICE (FO-1111) TO BE INSTALLED IN PLACE OF STRAINERS (TS-1111) BY OTHERS AT SITE.
2. CUSTOMER TO PROVIDE & INSTALLED OFF SKID PIPE SPOOL FOR FINAL STAGE BYPASS VALVE.
3. EXTERRAN TO PROVIDE (50 FT- CUSTOMER TO CONFIRM) WIRING FROM EXTERRAN PROVIDED CONTROL PANEL TO SKID EDGE FOR CUSTOMER PROVIDED PRESSURE CONTROL VALVE.
4. VENT LINE (PSV & BLOWDOWN) ROUTED 3.5 FT. ABOVE PROCESS COOLER.

CUSTOMER CONNECTIONS

MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION
A	20"-300# RF	CUSTOMER GAS INLET	C3	1"-3000#	SCRUBBER DRAIN (3RD STAGE)
B	6"-900# RTJ	CUSTOMER GAS OUTLET	C4	1"-3000#	SCRUBBER DRAIN (4TH STAGE)
D	6"-900# RTJ	FINAL STAGE BYPASS VALVE LINE			
C1	1"-3000#	SCRUBBER DRAIN (1ST STAGE)			
C2	1"-3000#	SCRUBBER DRAIN (2ND STAGE)			

MAJOR COMPONENTS

COMPRESSOR	KBZ-6			
CYLINDERS	THROW #1 14-1/8 Z:10	THROW #2 9-1/4 ZK	THROW #3 24-1/8 Z:10	
	THROW #4 17-7/8 Z:10	THROW #5 24-1/8 Z:10	THROW #6 17-7/8 Z:10	
DRIVER	CAT 3616 A4			
COUPLING	GCF-511-92			
COOLER	PROCESS: 180-2ZF UTILITY: 168-2ZF			
PANEL	CENTRURION PLUS			

EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

US-123263-01	US-123252-01
	US-123262-01	US-123251-01
US-123272-01	US-123261-01	US-123250-01
US-123271-01	US-123260-01	US-123249-01
US-123270-01	US-123259-01	US-123248-01
US-123269-01	US-123258-01	US-123247-01
US-123268-01	US-123257-01	US-123246-01
US-123267-01	US-123256-01	US-123245-01
US-123266-01	US-123255-01	US-123244-01
US-123265-01	US-123254-01	US-123243-01
US-123264-01	US-123253-01	US-123242-01
THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S

TUBING WALL THICKNESS	
DIA.	WALL THICKNESS
1/4"	0.035"
3/8"	0.035"
1/2"	0.049"
3/4"	0.065"
1"	0.065"

REV.	DESCRIPTION	DATE	BY	CK	APP'D
–	–	–	–	–	–
–	–	–	–	–	–
–	–	–	–	–	–
2	AS BUILT UNITS 123242-244: RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
1	REVISED ISSUED FOR CONSTRUCTION	03/18/19	C.P.	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/10/18	KK	JT	JT

REVISIONS

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JOB. NO./W.I.P. NO./OP. STEP
–
PART NO./PRODUCT I.D. NO.

EXTERRAN.
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

CUSTOMER: XTO ENERGY
GAS GATHERING COMPRESSION

TITLE: PROCESS P&ID
6 THROW, 4 STAGE (2ND STAGE)

DRAWN	DATE	APPROVED	SCALE - D SIZE	NO. REQ'D
C. PEREZ	08/15/18	V. VISHAL	N.T.S.	1/PER UNIT

DRAWING NO. US-123242-01-CMP-01-001
SHT. NO. 2 OF 4
REV. 2

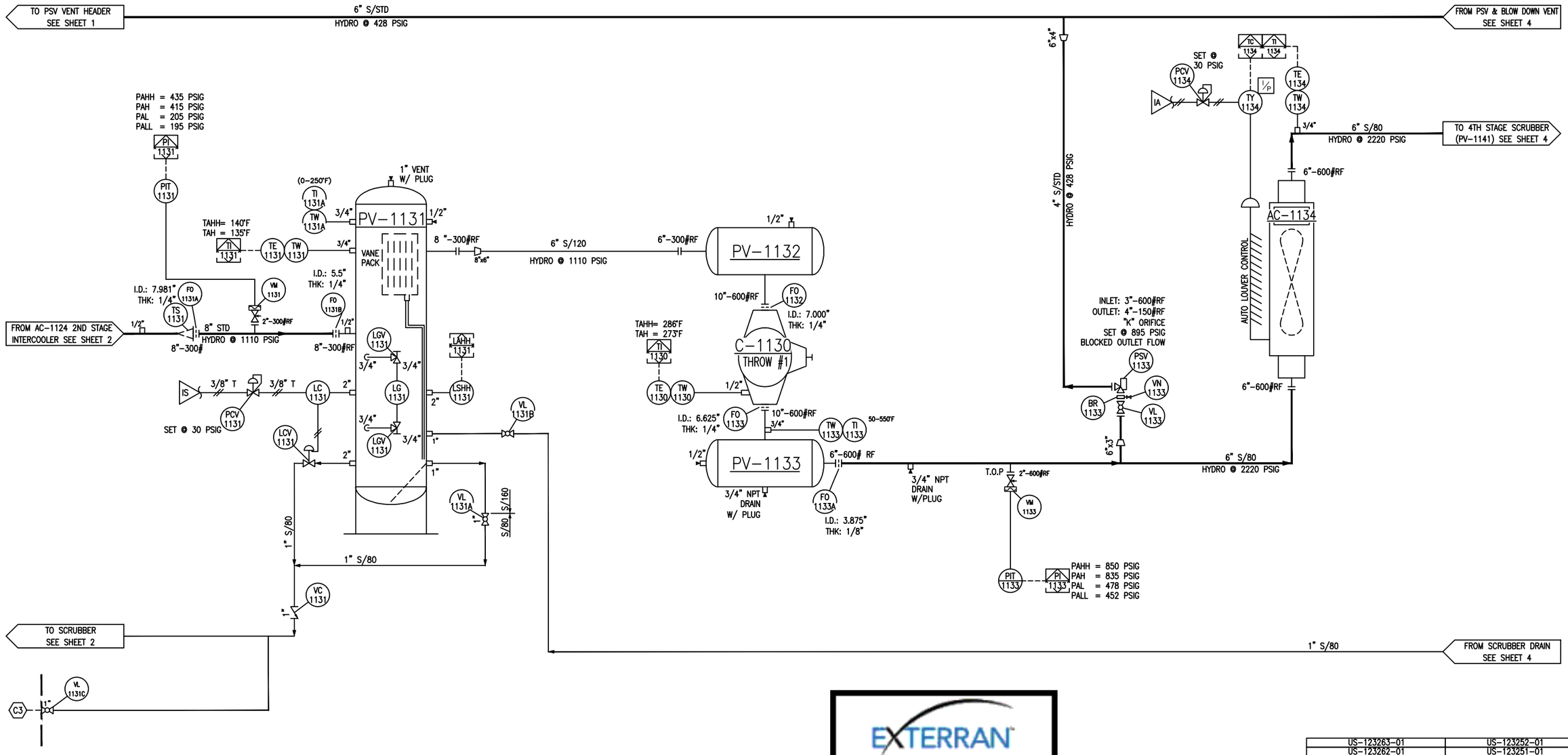
PV-1131
3RD STAGE SUCTION SCRUBBER
30" O.D. x 96" S/S
635 PSIG MAWP @ 200°F/-20°F
CA = 1/8"

PV-1132
3RD STAGE SUCTION BOTTLE
24" O.D. x 36" S/S
635 PSIG MAWP @ 200°F/-20°F
CA = 1/8"

C-1130
BORE DIA: 13.625"
MAWP: 1270 PSIG

PV-1133
3RD STAGE DISCHARGE BOTTLE
28" O.D. x 51" S/S
895 PSIG MAWP @ 350°F/-20°F
CA = 1/8"

AC-1134
3RD STAGE INTERCOOLER SECTION
875 PSIG MAWP @ 350°F/-20°F
CA = 1/8"



NOTES:
1. FLOW ORIFICE (FO-1111) TO BE INSTALLED IN PLACE OF STRAINERS (TS-1111) BY OTHERS AT SITE.
2. CUSTOMER TO PROVIDE & INSTALLED OFF SKID PIPE SPOOL FOR FINAL STAGE BYPASS VALVE.
3. EXTERRAN TO PROVIDE (50 FT- CUSTOMER TO CONFIRM) WIRING FROM EXTERRAN PROVIDED CONTROL PANEL TO SKID EDGE FOR CUSTOMER PROVIDED PRESSURE CONTROL VALVE.
4. VENT LINE (PSV & BLOWDOWN) ROUTED 3.5 FT. ABOVE PROCESS COOLER.

EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

CUSTOMER CONNECTIONS					
MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION
A	20"-300# RF	CUSTOMER GAS INLET	C3	1"-3000#	SCRUBBER DRAIN (3RD STAGE)
B	6"-900# RTJ	CUSTOMER GAS OUTLET	C4	1"-3000#	SCRUBBER DRAIN (4TH STAGE)
D	6"-900# RTJ	FINAL STAGE BYPASS VALVE LINE			
C1	1"-3000#	SCRUBBER DRAIN (1ST STAGE)			
C2	1"-3000#	SCRUBBER DRAIN (2ND STAGE)			

MAJOR COMPONENTS				
COMPRESSOR	KBZ-6			
CYLINDERS	THROW #1 14-1/8 Z:10	THROW #2 9-1/4 ZK	THROW #3 24-1/8 Z:10	
	THROW #4 17-7/8 Z:10	THROW #5 24-1/8 Z:10	THROW #6 17-7/8 Z:10	
DRIVER	CAT 3616 A4			
COUPLING	GCF-511-92			
COOLER	PROCESS: 180-2ZF UTILITY: 168-2ZF			
PANEL	CENTRURION PLUS			

TUBING WALL THICKNESS	
DIA.	WALL THICKNESS
1/4"	0.035"
3/8"	0.035"
1/2"	0.049"
3/4"	0.065"
1"	0.065"

REV.	DESCRIPTION	DATE	BY	CK	APP'D
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
2	AS BUILT UNITS 123242-244: RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
1	REVISED ISSUED FOR CONSTRUCTION	03/18/19	C.P.	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/10/18	KK	JT	JT

REVISIONS

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JOB. NO./W.I.P. NO./OP. STEP
—
PART NO./PRODUCT I.D. NO.

EXTERRAN.
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

	US-123263-01	US-123252-01
	US-123262-01	US-123251-01
US-123272-01	US-123261-01	US-123250-01
US-123271-01	US-123260-01	US-123249-01
US-123270-01	US-123259-01	US-123248-01
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US-123266-01	US-123255-01	US-123244-01
US-123265-01	US-123254-01	US-123243-01
US-123264-01	US-123253-01	US-123242-01
THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S

CUSTOMER: XTO ENERGY
GAS GATHERING COMPRESSION

TITLE: PROCESS P&ID
6 THROW, 4 STAGE (3RD STAGE)

DRAWN	DATE	APPROVED	SCALE - D SIZE	NO. REQ'D
C. PEREZ	08/15/18	V. VISHAL	N.T.S.	1/PER UNIT

DRAWING NO. US-123242-01-CMP-01-001
SHT. NO. 3 OF 4
REV. 2

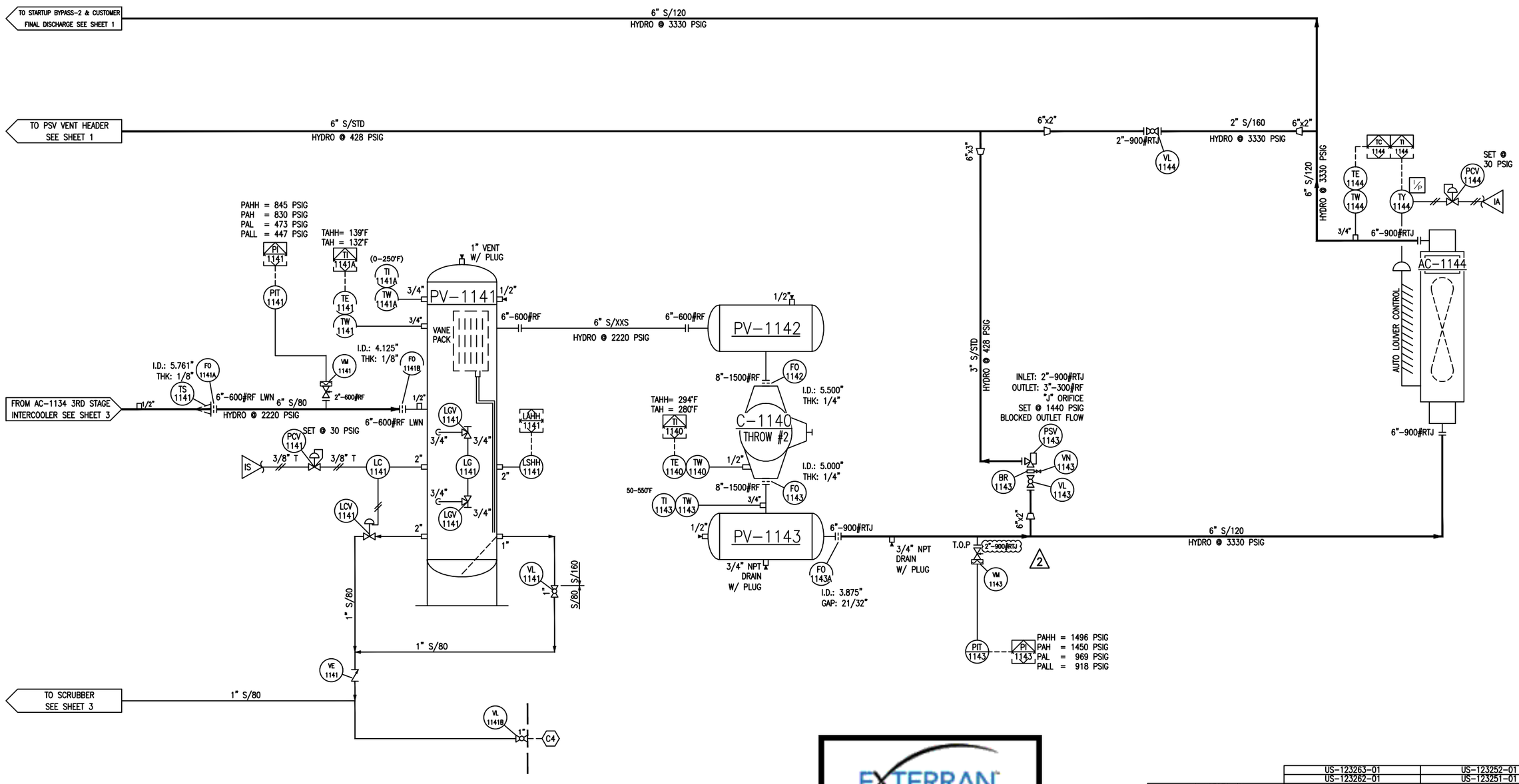
PV-1141
4TH STAGE SUCTION SCRUBBER
30" O.D. x 96" S/S
895 PSIG MAWP @ 200°F/-20°F
CA = 1/8"

PV-1142
4TH STAGE SUCTION BOTTLE
24" O.D. x 30" S/S
895 PSIG MAWP @ 200°F/-20°F
CA = 1/8"

C-1140
BORE DIA: 9.25"
MAWP: 2400 PSIG

PV-1143
4TH STAGE DISCHARGE BOTTLE
24" O.D. x 72" S/S
1575 PSIG MAWP @ 350°F/-20°F
CA = 1/8"

AC-1144
4TH STAGE AFTERCOOLER SECTION
1575 PSIGMAWP @ 350°F/-20°F
CA = 1/8"



NOTES:

1. FLOW ORIFICE (FO-1111) TO BE INSTALLED IN PLACE OF STRAINERS (TS-1111) BY OTHERS AT SITE.
2. CUSTOMER TO PROVIDE & INSTALLED OFF SKID PIPE SPOOL FOR FINAL STAGE BYPASS VALVE.
3. EXTERRAN TO PROVIDE (50 FT- CUSTOMER TO CONFIRM) WIRING FROM EXTERRAN PROVIDED CONTROL PANEL TO SKID EDGE FOR CUSTOMER PROVIDED PRESSURE CONTROL VALVE.
4. VENT LINE (PSV & BLOWDOWN) ROUTED 3.5 FT. ABOVE PROCESS COOLER.

CUSTOMER CONNECTIONS

MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION
A	20"-300# RF	CUSTOMER GAS INLET	C3	1"-3000#	SCRUBBER DRAIN (3RD STAGE)
B	6"-900# RTJ	CUSTOMER GAS OUTLET	C4	1"-3000#	SCRUBBER DRAIN (4TH STAGE)
D	6"-900# RTJ	FINAL STAGE BYPASS VALVE LINE			
C1	1"-3000#	SCRUBBER DRAIN (1ST STAGE)			
C2	1"-3000#	SCRUBBER DRAIN (2ND STAGE)			

MAJOR COMPONENTS

COMPRESSOR	KBZ-6			
CYLINDERS	THROW #1 14-1/8 Z:10	THROW #2 9-1/4 ZK	THROW #3 24-1/8 Z:10	
	THROW #4 17-7/8 Z:10	THROW #5 24-1/8 Z:10	THROW #6 17-7/8 Z:10	
DRIVER	CAT 3616 A4			
COUPLING	GCF-511-92			
COOLER	PROCESS: 180-2ZF UTILITY: 168-2ZF			
PANEL	CENTRURION PLUS			

TUBING WALL THICKNESS

DIA.	WALL THICKNESS
1/4"	0.035"
3/8"	0.035"
1/2"	0.049"
3/4"	0.065"
1"	0.065"

REVISIONS

REV.	DESCRIPTION	DATE	BY	CK	APP'D
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
2	AS BUILT UNITS 123242-244: RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
1	REVISED ISSUED FOR CONSTRUCTION	03/18/19	C.P.	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/10/18	KK	JT	JT

EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

	US-123263-01	US-123252-01
	US-123262-01	US-123251-01
US-123272-01	US-123261-01	US-123250-01
US-123271-01	US-123260-01	US-123249-01
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THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S

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JOB. NO./W.I.P. NO./OP. STEP
PART NO./PRODUCT I.D. NO.

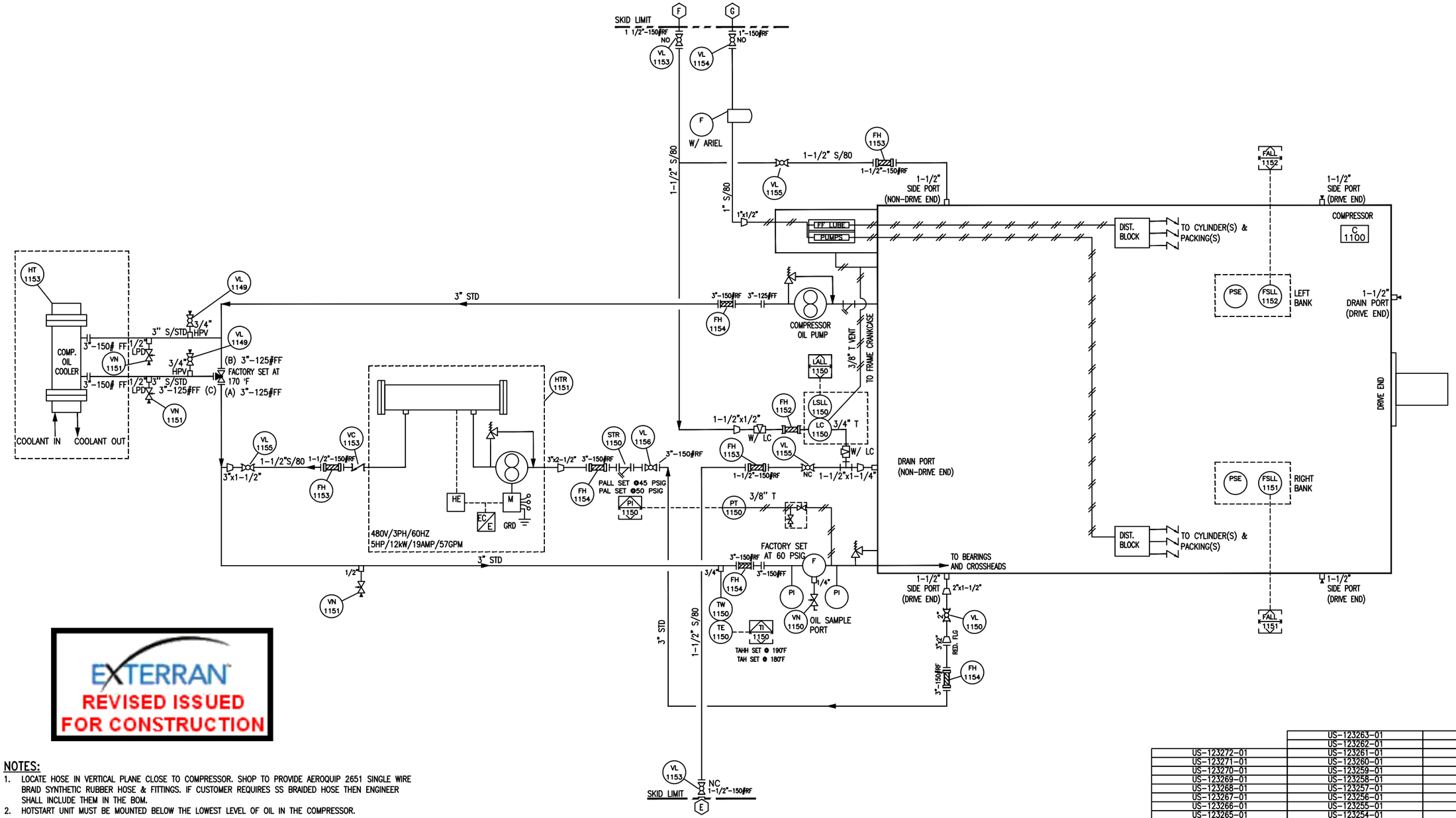
EXTERRAN.
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

CUSTOMER: XTO ENERGY
GAS GATHERING COMPRESSION

TITLE: PROCESS P&ID
6 THROW, 4 STAGE (4TH STAGE)

DRAWN	DATE	APPROVED	SCALE - D SIZE	NO. REQ'D
C. PEREZ	08/15/18	V. VISHAL	N.T.S.	1/PER UNIT

DRAWING NO. US-123242-01-CMP-01-001
SHT. NO. 4 OF 4
REV. 2



EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

NOTES:

1. LOCATE HOSE IN VERTICAL PLANE CLOSE TO COMPRESSOR. SHOP TO PROVIDE AEROQUIP 2651 SINGLE WIRE BRAID SYNTHETIC RUBBER HOSE & FITTINGS. IF CUSTOMER REQUIRES SS BRAIDED HOSE THEN ENGINEER SHALL INCLUDE THEM IN THE BOM.
2. HOTSTART UNIT MUST BE MOUNTED BELOW THE LOWEST LEVEL OF OIL IN THE COMPRESSOR.

CUSTOMER CONNECTIONS

MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION
			(E)	1-1/2"-150# RF	COMPRESSOR OIL DRAIN
			(G)	1"-150# RF	CYL LUBE OIL LINE
			(F)	1-1/2"-150# RF	COPRESSOR OIL MAKEUP

TUBING WALL THICKNESS	
DIA.	WALL THICKNESS
1/4"	0.035"
3/8"	0.035"
1/2"	0.049"
3/4"	0.065"
1"	0.065"

REV.	DESCRIPTION	DATE	BY	CK	APP'D
–	–		–	–	–
–	–		–	–	–
–	–		–	–	–
1	AS BUILT UNITS 123242-244; RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/10/18	KK	JT	JT

REVISIONS

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JOB. NO./W.I.P. NO./OP. STEP
—

PART NO./PRODUCT I.D. NO.

US-123263-01	US-123252-01		
	US-123262-01	US-123251-01	
US-123272-01	US-123261-01	US-123250-01	
US-123271-01	US-123260-01	US-123249-01	
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US-123265-01	US-123254-01	US-123243-01	
US-123264-01	US-123253-01	US-123242-01	
THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S	

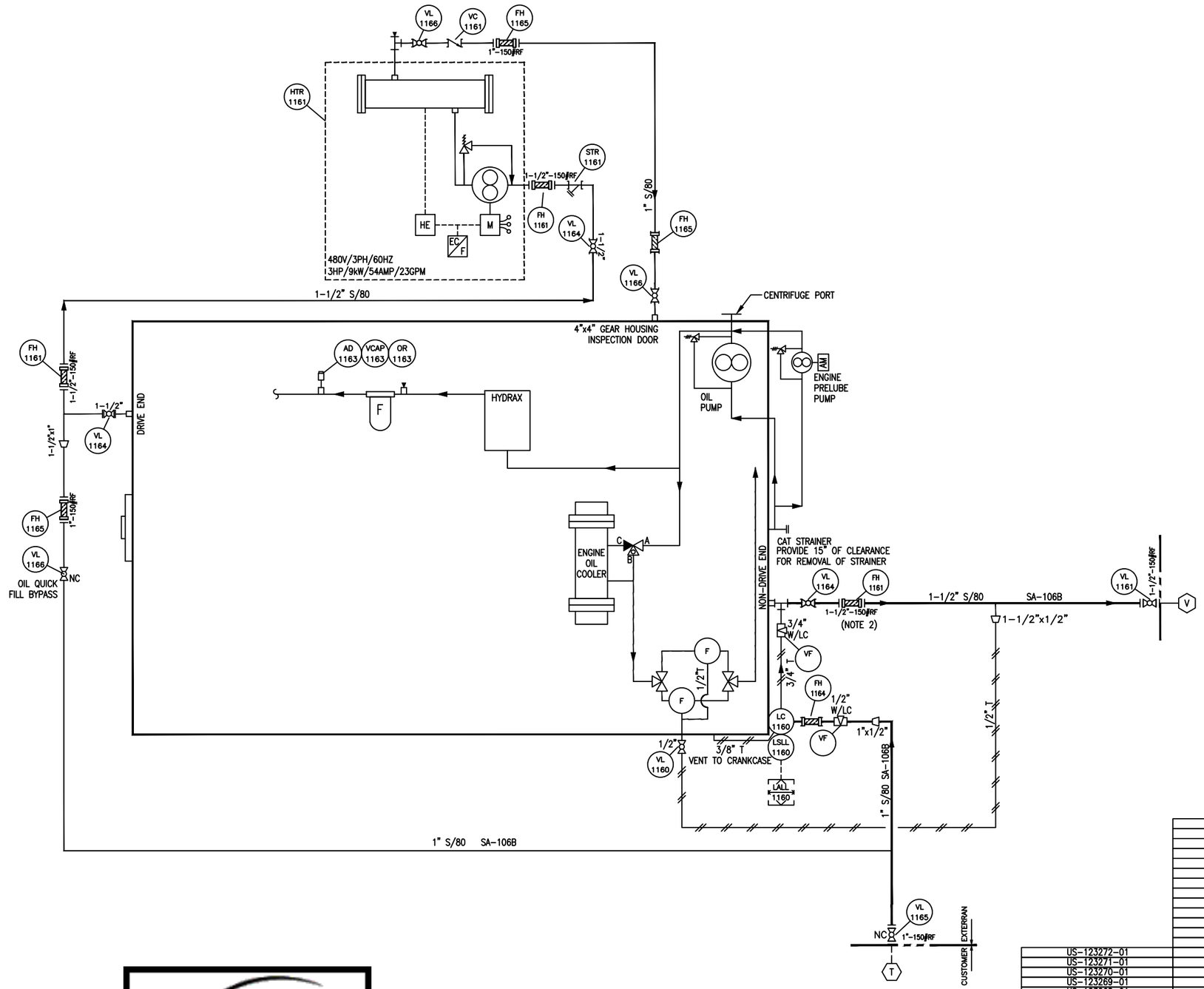
EXTERRAN
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

CUSTOMER: XTO ENERGY
GAS GATHERING COMPRESSION

TITLE: UTILITY P&ID
COMPRESSOR OIL LUBE SYSTEM

DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
C. PEREZ	08/15/18	V. VISHAL	N.T.S.	1/PER UNIT

DRAWING NO. US-123242-01-CMP-01-002 | SHT. NO. 1 OF 2 | REV. 1



NOTES:

1. LUBE OIL SYSTEM MUST BE PURGED PRIOR TO START-UP.
2. MOUNT FLEX HOSE CLOSE TO ENGINE AS POSSIBLE.
3. [ZZZ] REPRESENTS AEROQUIP HOSE TO BE PROVIDED BY SHOP.

CUSTOMER CONNECTIONS

MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION
T	1"-150# RF	ENGINE MAKE-UP/ FILL			
V	1-1/2"-150# RF	ENGINE DRAIN			

EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

TUBING WALL THICKNESS	
DIA.	WALL THICKNESS
1/4"	0.035"
3/8"	0.035"
1/2"	0.049"
3/4"	0.065"
1"	0.065"

REV.	DESCRIPTION	DATE	BY	CK	APP'D
–	–	–	–	–	–
–	–	–	–	–	–
–	–	–	–	–	–
–	–	–	–	–	–
1	AS BUILT UNITS 123242-244; RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/10/18	KK	JT	JT

REVISIONS

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JOB. NO./W.I.P. NO./OP. STEP
–
PART NO./PRODUCT I.D. NO.

EXTERRAN.
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

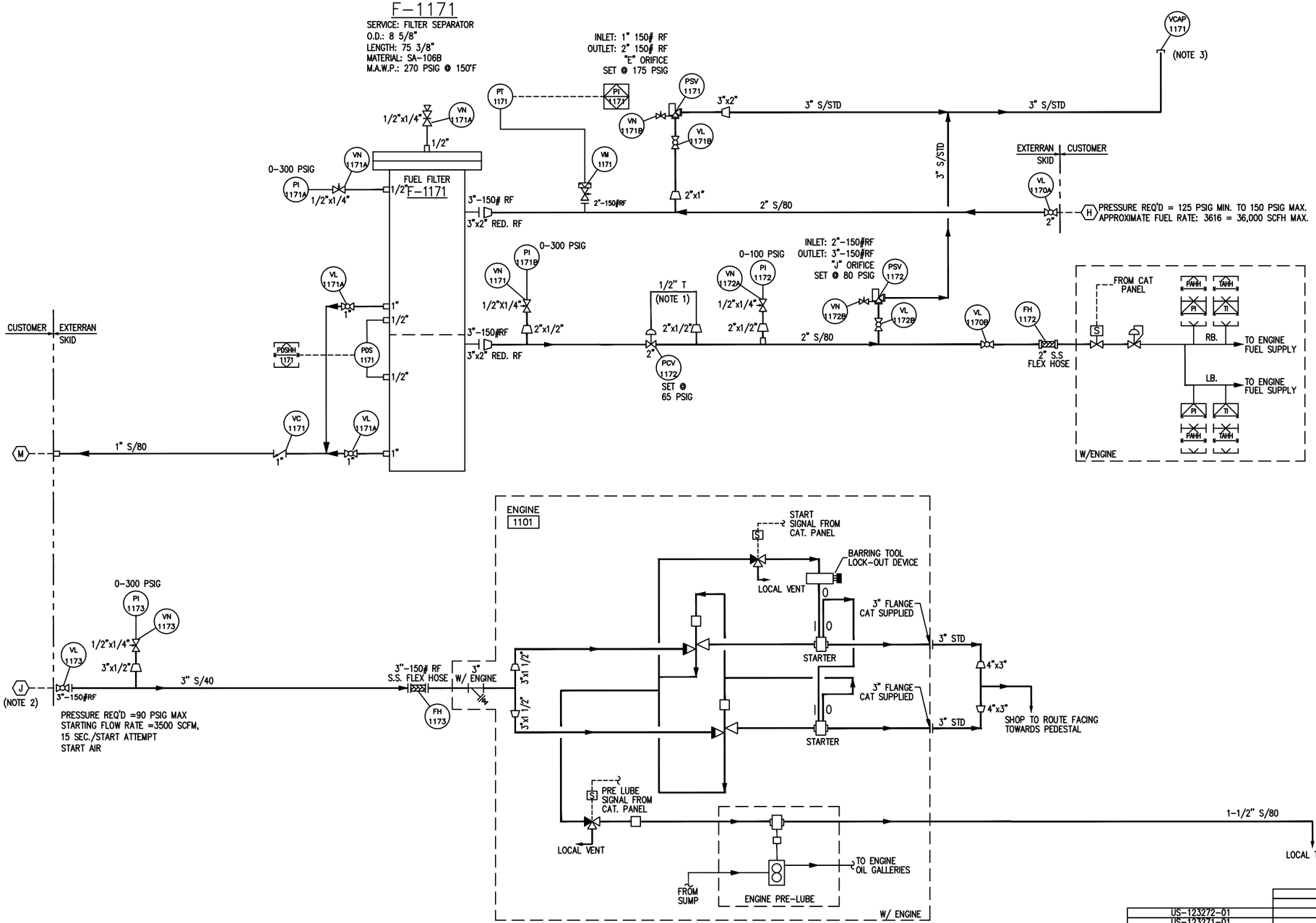
CUSTOMER
XTO ENERGY
GAS GATHERING COMPRESSION

TITLE
UTILITY P&ID
ENGINE OIL LUBE SYSTEM

DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
C. PEREZ	08/15/18	V. VISHAL	N.T.S.	1/PER UNIT

DRAWING NO. US-123242-01-CMP-01-002 | SHT. NO. 2 OF 2 | REV. 1

THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S
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	US-123262-01
	US-123261-01
	US-123260-01
	US-123259-01
	US-123258-01
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US-123268-01	US-123246-01
US-123267-01	US-123245-01
US-123266-01	US-123244-01
US-123265-01	US-123243-01
US-123264-01	US-123242-01



NOTES:

1. SENSING POINT SHALL BE LOCATED IN STRAIGHT RUN OF PIPE AT 24" MINIMUM AFTER REGULATOR.
2. CUSTOMER TO PROVIDE RELIEF VALVE UPSTREAM OF SKID CONNECTION.
3. FUEL PSV VENT ROUTED 3.5 FT. ABOVE PROCESS COOLER.

CUSTOMER CONNECTIONS

MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION
			H	2"-3000# NPT	FUEL GAS INLET
			J	3"-150# RF	START SYSTEM INLET
			M	1"-3000# NPT	FUEL FILTER DRAIN

EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

TUBING WALL THICKNESS	
DIA.	WALL THICKNESS
1/4"	0.035"
3/8"	0.035"
1/2"	0.049"
3/4"	0.065"
1"	0.065"

REVISIONS

REV.	DESCRIPTION	DATE	BY	CK	APP'D
–	–	–	–	–	–
–	–	–	–	–	–
1	AS BUILT UNITS 123242-244; RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/10/18	KK	JT	JT

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JOB. NO./W.I.P. NO./OP. STEP
–
PART NO./PRODUCT I.D. NO.

	US-123263-01	US-123252-01
	US-123262-01	US-123251-01
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THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S

EXTERRAN.
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

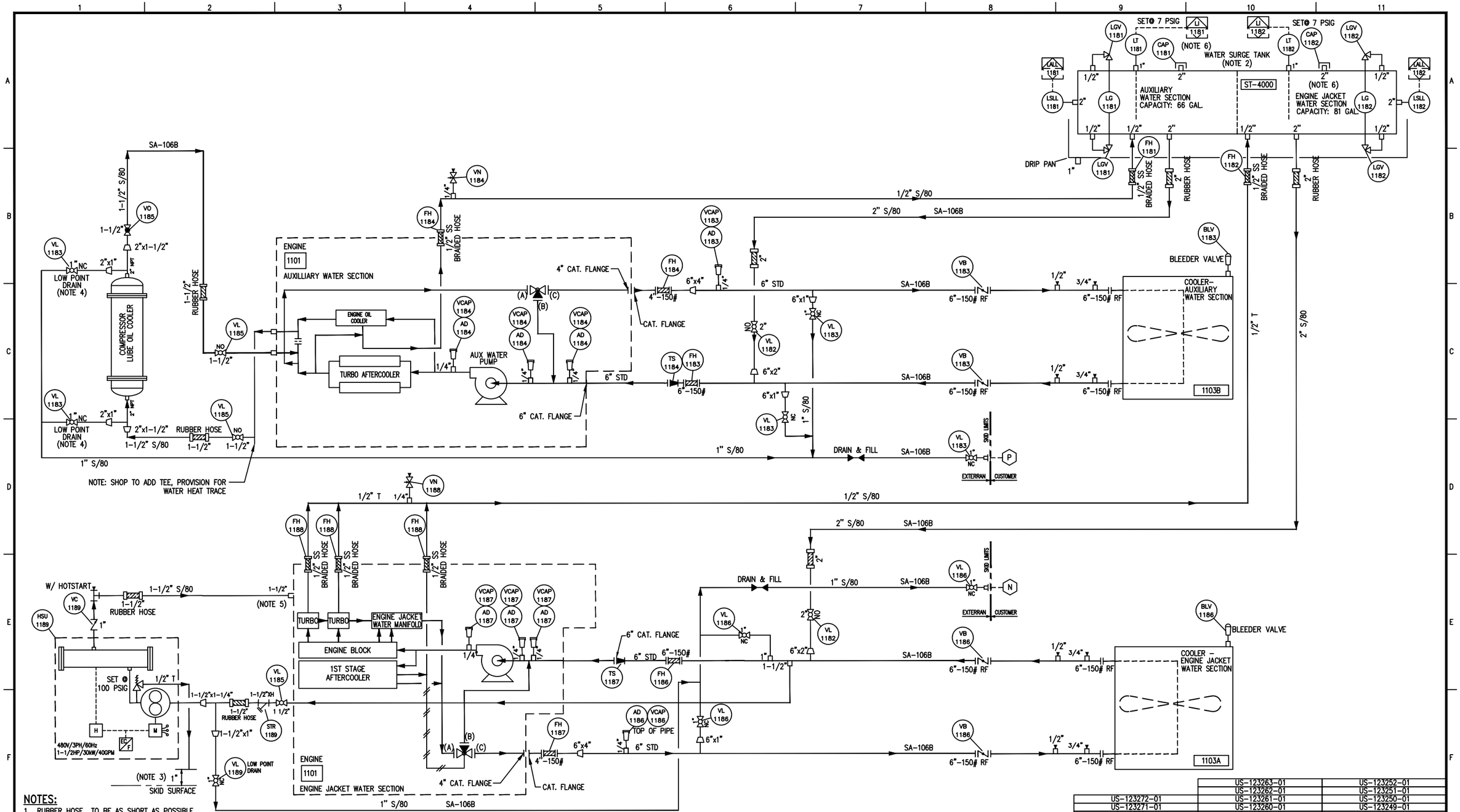
CUSTOMER: XTO ENERGY
GAS GATHERING COMPRESSION
TITLE: UTILITY P&ID
FUEL GAS & START AIR -117

DRAWN	DATE	APPROVED	SCALE - D SIZE	NO. REQ'D
C. PEREZ	08/15/18	V. VISHAL	N.T.S.	1/PER UNIT

DRAWING NO.: US-123242-01-CMP-01-003
SHT. NO.: 1 OF 1
REV.: 1

DRT-FRM-0021, REV.0

C:_Workspace\Compression\US-123000 - US-123999\US-123242-01 thru 272 (XTO DELAWARE BASIN)\01-P&ID\US-123242-01-CMP-01-003.dwg



NOTES:

1. RUBBER HOSE TO BE AS SHORT AS POSSIBLE.
2. SURGE TANK ℄ TO BE 12'-0" ABOVE ENGINE WATER PUMP INLET.
3. TUBE DOWN EDGE OF HOTSTART 1"(IN) ABOVE SKID SURFACE.
4. INDICATED DRAIN VALVE 'VL-4035' TO BE PLACED ON ENGINE SIDE OF PEDESTAL.
5. FRONT OF THE ENGINE AT TOP NEAR THERMOSTATE LOCATION.
6. EXTERRAN TO ROUTE WIRING FROM SURGE TANK LEVEL TRANSMITTER TO SKID EDGE JUNCTION BOX.
7. SURGE TANK INSTALLED AT TOP OF THE PROCESS COOLER.

CUSTOMER CONNECTIONS					
MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION
			(P)	1"-3000# NPT	ENGINE AUX. WATER DRAIN & FILL
			(N)	1"-3000# NPT	ENGINE JACKET WATER DRAIN & FILL

EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

TUBING WALL THICKNESS	
DIA.	WALL THICKNESS
1/4"	0.035"
3/8"	0.035"
1/2"	0.049"
3/4"	0.065"
1"	0.065"

REVISIONS						
REV.	DESCRIPTION	DATE	BY	CK	APP'D
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1	AS BUILT UNITS 123242-244: RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/10/18	KK	JT	JT

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JOB. NO./W.I.P. NO./OP. STEP
—
PART NO./PRODUCT I.D. NO.
—

US-123263-01	US-123252-01
US-123262-01	US-123251-01
US-123272-01	US-123261-01	US-123250-01
US-123271-01	US-123260-01	US-123249-01
US-123270-01	US-123259-01	US-123248-01
US-123269-01	US-123258-01	US-123247-01
US-123268-01	US-123257-01	US-123246-01
US-123267-01	US-123256-01	US-123245-01
US-123266-01	US-123255-01	US-123244-01
US-123265-01	US-123254-01	US-123243-01
US-123264-01	US-123253-01	US-123242-01
THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S

EXTERRAN.
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

CUSTOMER: XTO ENERGY
GAS GATHERING COMPRESSION

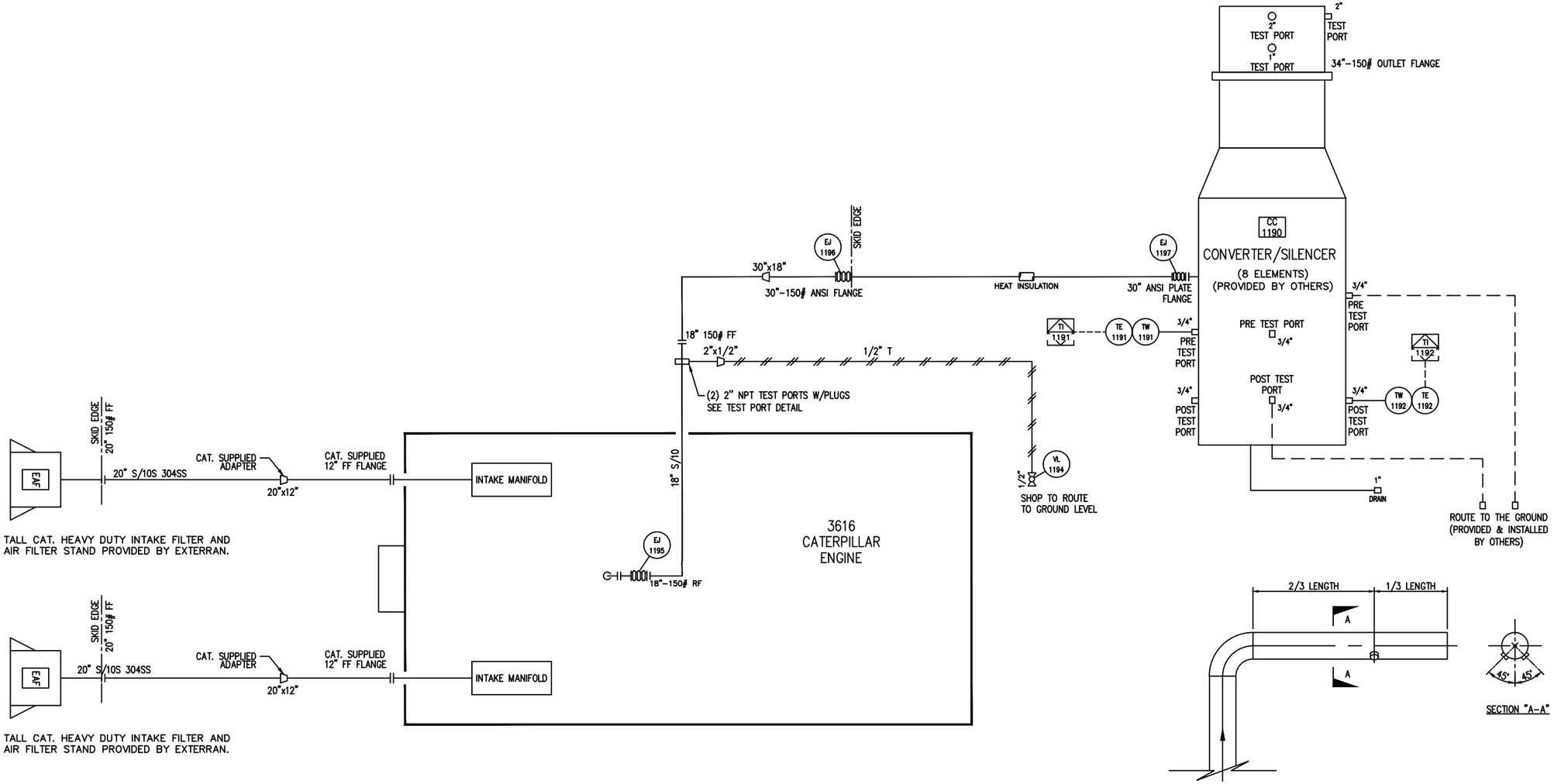
TITLE: UTILITY P&ID
EJW & AUX WATER SYSTEM

DRAWN	DATE	APPROVED	SCALE - D SIZE	NO. REQ'D
C. PEREZ	08/15/18	V. VISHAL	N.T.S.	1/PER UNIT

DRAWING NO. US-123242-01-CMP-01-004
SHT. NO. 1 OF 1
REV. 1

DRT-FRM-0021, REV.0

C:_Workspace\Compression\US-123000 - US-123999\US-123242-01 thru 272 (XTO DELAWARE BASIN)\01-P&ID\US-123242-01-CMP-01-004.dwg



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	US-123262-01	US-123251-01
US-123272-01	US-123261-01	US-123250-01
US-123271-01	US-123260-01	US-123249-01
US-123270-01	US-123259-01	US-123248-01
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US-123266-01	US-123255-01	US-123244-01
US-123265-01	US-123254-01	US-123243-01
US-123264-01	US-123253-01	US-123242-01
THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S

EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

CUSTOMER CONNECTIONS

MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION

REV.	DESCRIPTION	DATE	BY	CK	APP'D
–	–	–	–	–	–
–	–	–	–	–	–
–	–	–	–	–	–
–	–	–	–	–	–
1	AS BUILT UNITS 123242-244; RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/10/18	KK	JT	JT

REVISIONS

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—
PART NO./PRODUCT I.D. NO.

EXTERRAN.
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

CUSTOMER: XTO ENERGY
GAS GATHERING COMPRESSION

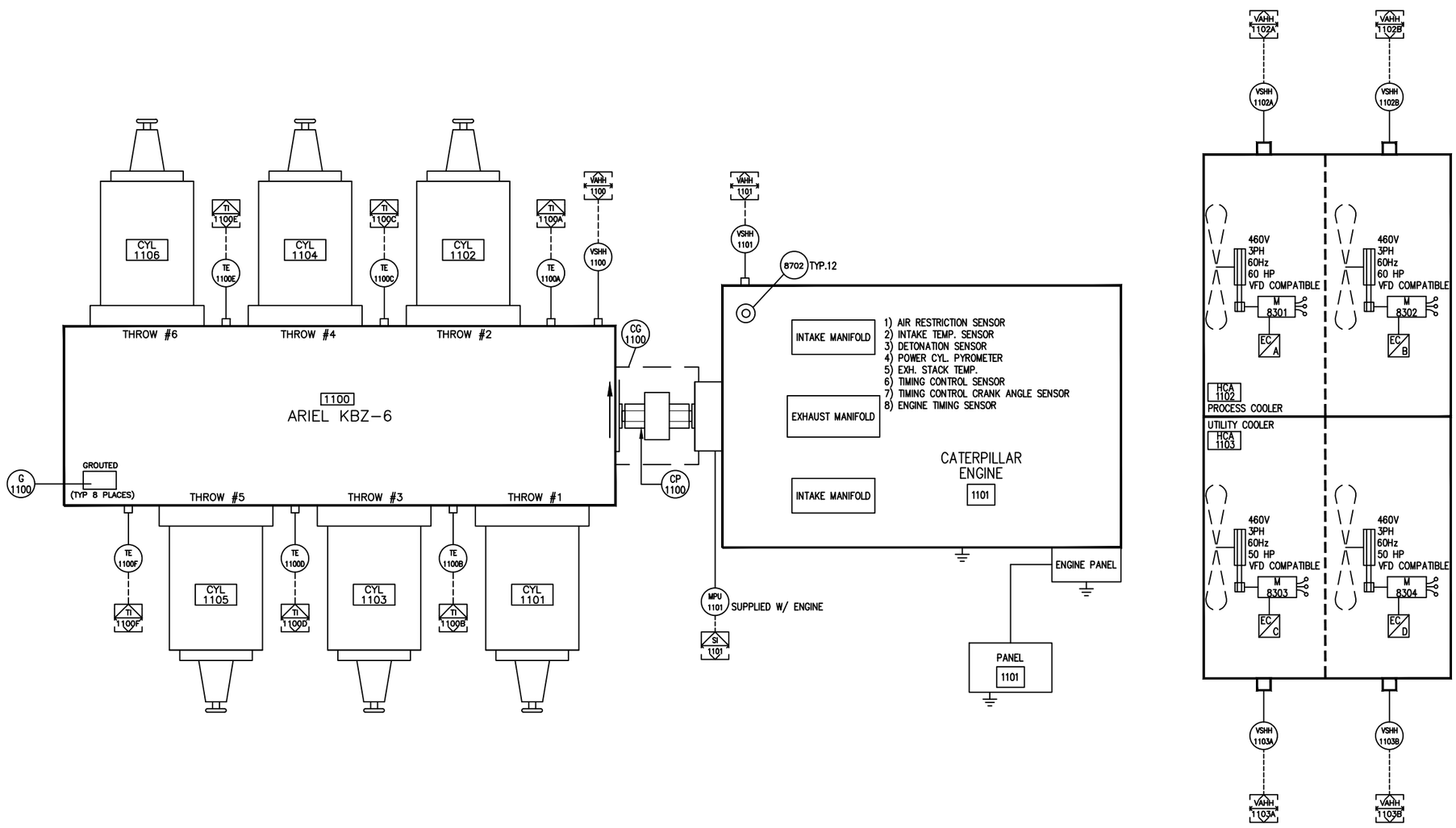
TITLE: UTILITY P&ID
AIR INTAKE & EXHAUST SYSTEM

DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
C. PEREZ	08/15/18	V. VISHAL	N.T.S.	1/PER UNIT

DRAWING NO.: US-123242-01-CMP-01-005
SHT. NO.: 1 OF 1
REV.: 1

DRT-FRM-0021, REV.0

C:_Workspace\Compression\US-123000 – US-123999\US-123242-01 thru 272 (XTO DELAWARE BASIN)\01-P&ID\US-123242-01-CMP-01-005.dwg



EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

	US-123263-01	US-123252-01
	US-123262-01	US-123251-01
US-123272-01	US-123261-01	US-123250-01
US-123271-01	US-123260-01	US-123249-01
US-123270-01	US-123259-01	US-123248-01
US-123269-01	US-123258-01	US-123247-01
US-123268-01	US-123257-01	US-123246-01
US-123267-01	US-123256-01	US-123245-01
US-123266-01	US-123255-01	US-123244-01
US-123265-01	US-123254-01	US-123243-01
US-123264-01	US-123253-01	US-123242-01
THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S

CUSTOMER CONNECTIONS

MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION
⬡			⬡		
⬡			⬡		
⬡			⬡		
⬡			⬡		
⬡			⬡		
⬡			⬡		

MAJOR COMPONENTS

COMPRESSOR	KBZ-6		
CYLINDERS	THROW #1 14-1/8 Z:10	THROW #2 9-1/4 ZK	THROW #3 24-1/8 Z:10
	THROW #4 17-7/8 Z:10	THROW #5 24-1/8 Z:10	THROW #6 17-7/8 Z:10
DRIVER	CAT 3616 A4		
COUPLING	GCF-511-92		
COOLER	PROCESS: 180-2ZF UTILITY: 168-2ZF		
PANEL	CENTRURION PLUS		

REVISIONS

REV.	DESCRIPTION	DATE	BY	CK	APP'D
–	–		–	–	–
–	–		–	–	–
–	–		–	–	–
–	–		–	–	–
1	AS BUILT UNITS 123242-244; RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
0	ISSUED FOR CONSTRUCTON	12/10/18	KK	JT	JT

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PART NO./PRODUCT I.D. NO.

EXTERRAN.
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

CUSTOMER
XTO ENERGY
GAS GATHERING COMPRESSION

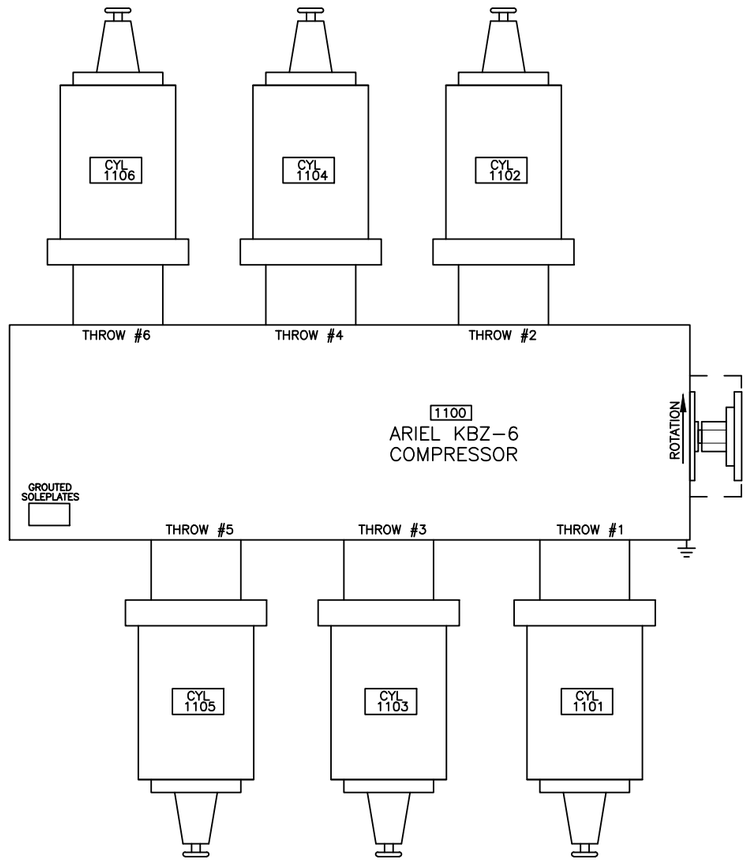
TITLE
UTILITY P&ID
MAJOR EQUIPMENT –119A

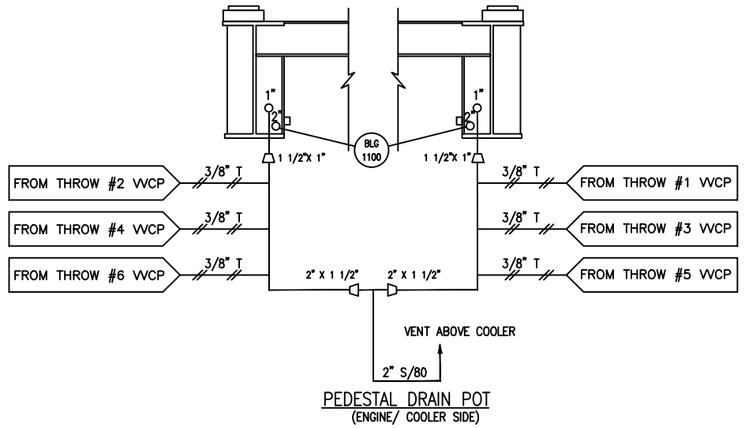
DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
C. PEREZ	08/15/18	V. VISHAL	N.T.S.	1/PER UNIT

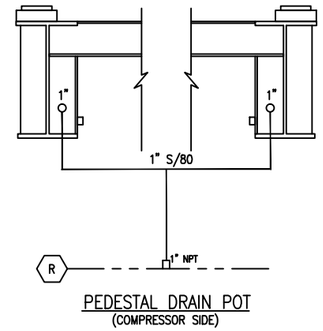
DRAWING NO. US-123242-01-CMP-01-006 | SHT. NO. 1 OF 1 | REV. 1

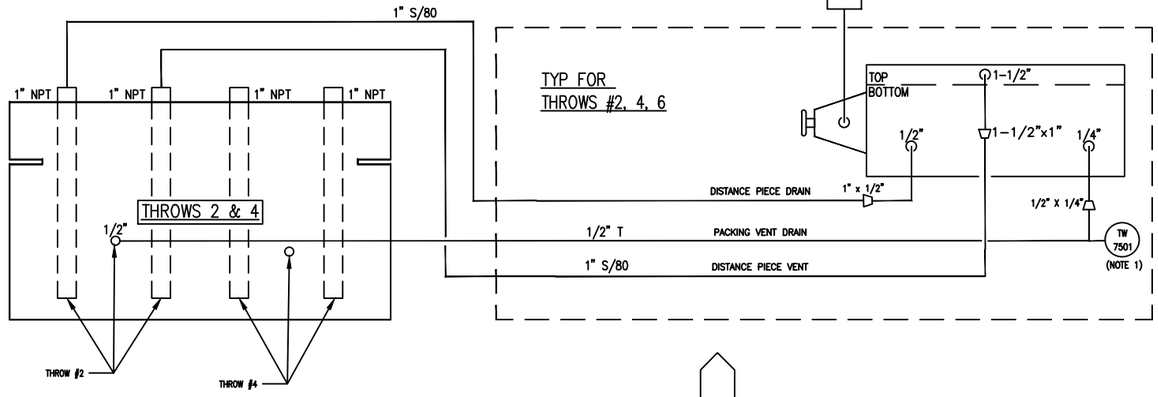
DRT-FRM-0021, REV.0

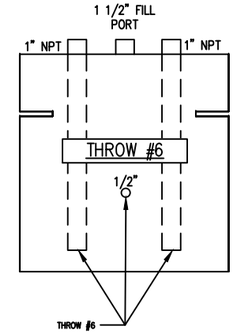
C:_Workspace\Compression\US-123000 – US-123999\US-123242-01 thru 272 (XTO DELAWARE BASIN)\01-P&ID\US-123242-01-CMP-01-006.dwg

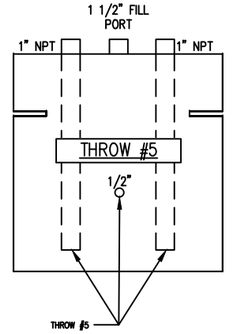


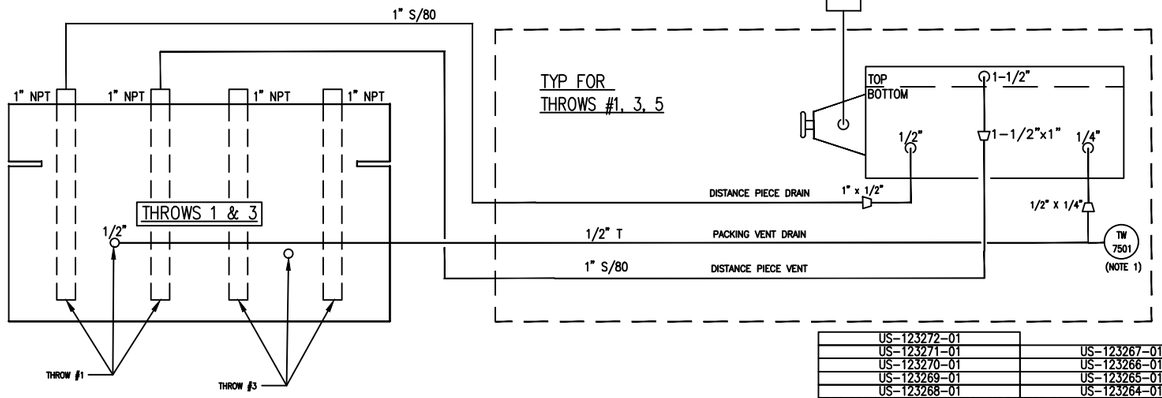












EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

NOTES:
1. TEE & THERMOWELL AT EACH PACKING LINE

CUSTOMER CONNECTIONS					
MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION
⬡			⬡		
⬡			Ⓡ	1"-3000# NPT	PEDASTAL SUMP DRAIN
⬡			⬡		
⬡			⬡		
⬡			⬡		
⬡			⬡		

THIS DRAWING APPLIES TO TASK NO'S			
US-123263-01			US-123252-01
US-123262-01			US-123251-01
US-123261-01			US-123250-01
US-123260-01			US-123249-01
US-123259-01			US-123248-01
US-123258-01			US-123247-01
US-123257-01			US-123246-01
US-123256-01			US-123245-01
US-123255-01			US-123244-01
US-123254-01			US-123243-01
US-123253-01			US-123242-01

THIS DRAWING APPLIES TO TASK NO'S			
US-123272-01			
US-123271-01	US-123267-01		
US-123270-01	US-123266-01		
US-123269-01	US-123265-01		
US-123268-01	US-123264-01		

REV.	DESCRIPTION	DATE	BY	CK	APP'D
–	–	–	–	–	–
–	–	–	–	–	–
–	–	–	–	–	–
–	–	–	–	–	–
1	AS BUILT UNITS 123242-244; RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/10/18	KK	JT	JT

REVISIONS

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JOB. NO./W.I.P. NO./OP. STEP
–
PART NO./PRODUCT I.D. NO.
–

EXTERRAN.
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

CUSTOMER: XTO ENERGY
GAS GATHERING COMPRESSION

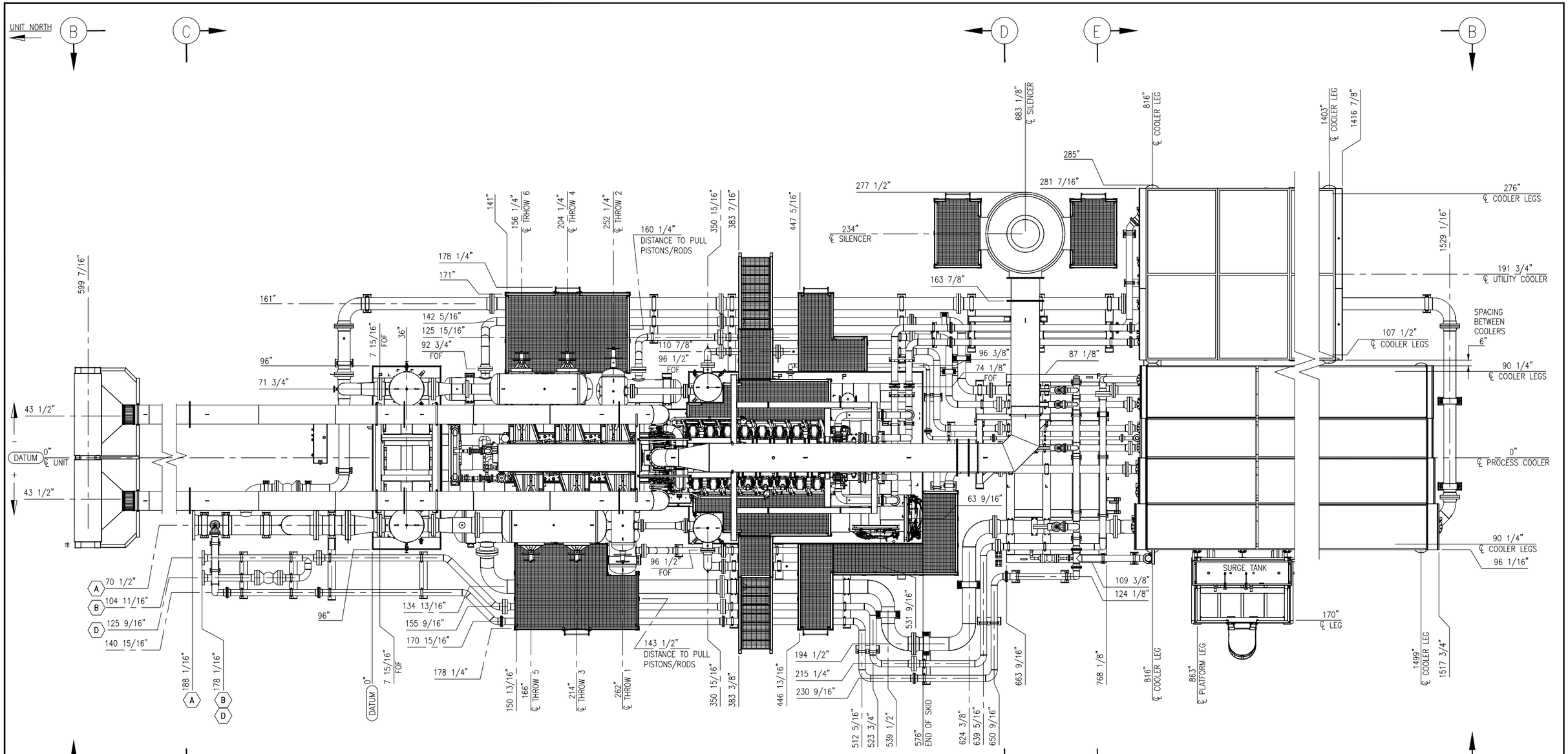
TITLE: UTILITY P&ID
DISTANCE PIECE AND PACKING VENTS & DRAINS -119B

DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
C. PEREZ	08/15/18	C. PEREZ	N.T.S.	1/PER UNIT

DRAWING NO. US-123242-01-CMP-01-007 | SHT. NO. 1 OF 1 | REV. 1

DRT-FRM-0021, REV.0

C:_Workspace\Compression\US-123000 – US-123999\US-123242-01 thru 272 (XTO DELAWARE BASIN)\01-P&ID\US-123242-01-CMP-01-007.dwg



PLAN VIEW

MK NO	SIZE	RATING	DESCRIPTION
V	1-1/2"	150# RF	ENGINE DRAIN
T	1"	150# RF	ENGINE MAKE-UP/FILL
S	1"	3000# FNPT	INSTRUMENT AIR
R	1"	3000# FNPT	PEDESTAL SUMP DRAIN
P	1"	3000# FNPT	ENGINE AUX. WATER DRAIN & FILL
N	1"	3000# FNPT	ENGINE JACKET WATER DRAIN & FILL
M	1"	3000# FNPT	FUEL GAS FILTER DRAIN
J	3"	150# RF	START SYSTEM INLET
H	2"	3000# FNPT	FUEL GAS INLET
G	1"	150# RF	CYLINDER LUBE OIL LINE
F	1-1/2"	150# RF	COMPRESSOR OIL MAKEUP
E	1-1/2"	150# RF	COMPRESSOR OIL DRAIN
D	6"	900# RTJ	FINAL STAGE BYPASS VALVE LINE
C4	1"	3000# FNPT	SCRUBBER DRAIN (4TH STAGE)
C3	1"	3000# FNPT	SCRUBBER DRAIN (3RD STAGE)
C2	1"	3000# FNPT	SCRUBBER DRAIN (2ND STAGE)
C1	1"	3000# FNPT	SCRUBBER DRAIN (1ST STAGE)
B	6"	900# RTJ	CUSTOMER GAS OUTLET
A	20"	300# RF	CUSTOMER GAS INLET

CUSTOMER CONNECTIONS

WEIGHTS	
MAIN SKID FOUNDATION WEIGHT	351,200 lbs
MAIN SKID SHIPPING WEIGHT	138,100 lbs
DRIVER WEIGHT	70,301 lbs
PROCESS COOLER WEIGHT	78,600 lbs
UTILITY COOLER WEIGHT	56,000 lbs
SUBSKID WEIGHT W/1ST & 2ND STG SCRUBBERS	27,000 lbs
TOTAL FOUNDATION WEIGHT	576,500 LBS

MAJOR COMPONENTS			
COMPRESSOR	KBZ-6		
CYLINDERS	THROW #1 14-1/8 Z:10	THROW #2 9-1/4 ZK	THROW #3 24-1/8 Z:10
	THROW #4 17-7/8 Z:10	THROW #5 24-1/8 Z:10	THROW #6 17-7/8 Z:10
DRIVER	CAT 3616 A4		
COUPLING	GCF 511-92-28		
COOLER	PROCESS: 180-2ZF, UTILITY: 168-2ZF		
PANEL	CENTURION PLUS		

DIMENSIONS	LENGTH	WIDTH	HEIGHT
OVERALL	179' 6-3/8"	43' 6-0"	32' 1-3/4"
SHIPPING	42' 0-0"	16' 1-0"	12' 9-0"

MAIN SKID FOUNDATION COG		
X	Y	Z
273	0	45

SHIPPING COG		
X	Y	Z
295	-1	6.5

TOTAL FOUNDATION COG		
X	Y	Z
516	-24	77

ASSEMBLY TOLERANCES		FABRICATION TOLERANCES	
PROCESS CONNECTIONS	±1/2"	CUTS	±1/8"
UTILITY CONNECTIONS	±1"	ANGLES	±1/2'
STRUCTURAL	±1/4"	WELD ASS'Y	±1/4"
ANCHOR BOLTS	±1/16"	FLANGE BOLT HOLES	±1/8"

EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

	US-123272-01
US-123256-01	US-123271-01
US-123255-01	US-123270-01
US-123254-01	US-123269-01
US-123253-01	US-123268-01
US-123252-01	US-123267-01
US-123251-01	US-123266-01
US-123250-01	US-123265-01
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US-123248-01	US-123263-01
US-123247-01	US-123262-01
US-123246-01	US-123261-01
US-123245-01	US-123260-01
US-123244-01	US-123259-01
US-123243-01	US-123258-01
US-123242-01	US-123257-01
THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S

REV.	DESCRIPTION	DATE	BY	CK	APP'D
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–	–	–	–	–	–
1	AS BUILT UNITS 123242-244; RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/14/18	MD	MD	JT

REVISIONS

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JOB. NO./W.I.P. NO./OP. STEP

PART NO./PRODUCT I.D. NO.

EXTERRAN.
4444 Brittmoore Rd.
Houston, TX. 77041 (281) 854-3000

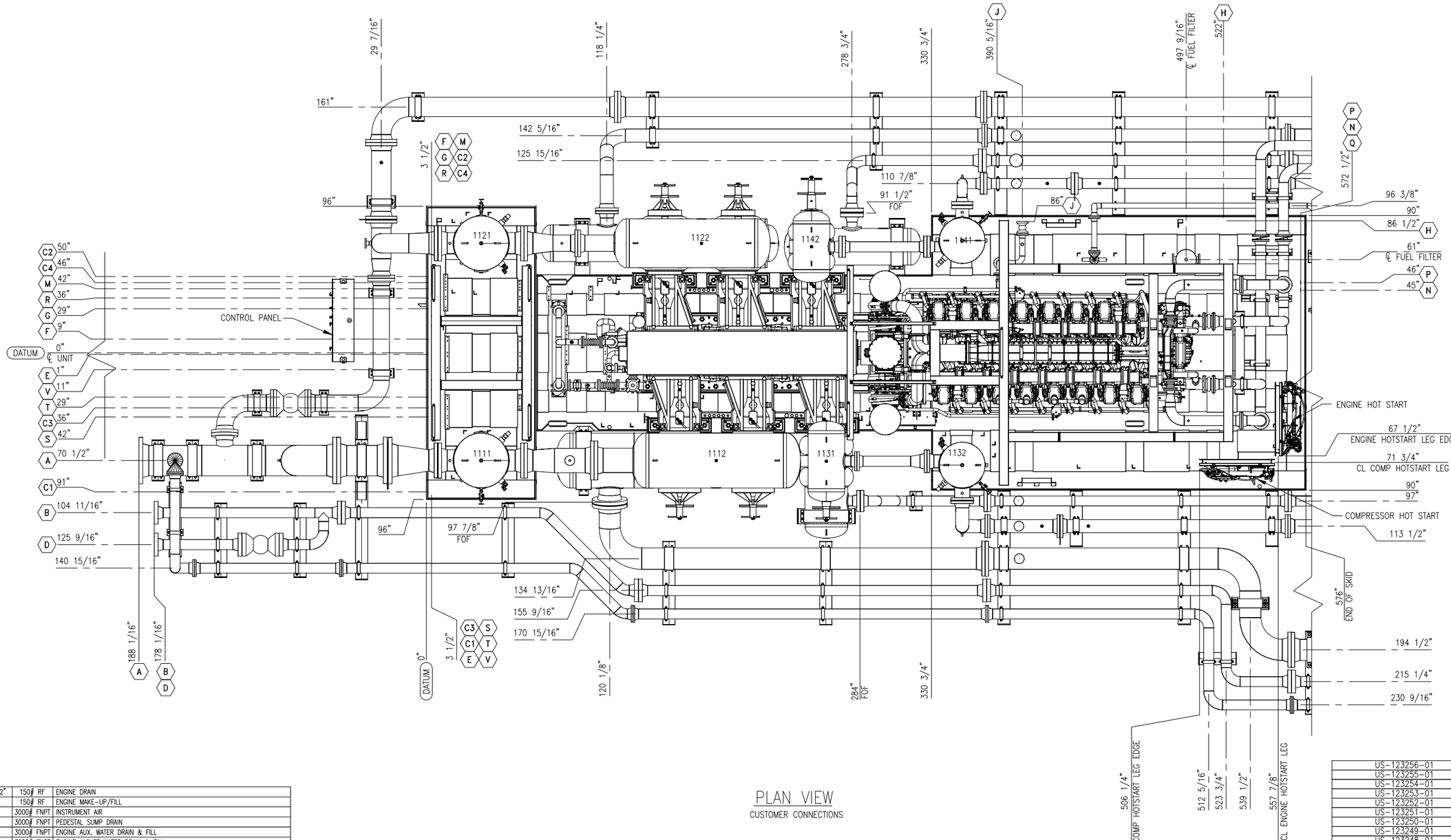
CUSTOMER: XTO ENERGY
DELAWARE BASIN

TITLE: GENERAL ARRANGEMENT
PLAN VIEW

DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
MD	11/29/2017	VV	N.T.S.	1/PER UNIT

DRAWING NO. US-123242-01-CMP-02-200
SHT. NO. 1 OF 9
REV. 1

UNIT NORTH



PLAN VIEW
CUSTOMER CONNECTIONS

	SIZE	RATING	DESCRIPTION
V	1-1/2"	150# RF	ENGINE DRAIN
T	1"	150# RF	ENGINE MAKE-UP/FILL
S	1"	3000# FNPT	INSTRUMENT AIR
R	1"	3000# FNPT	PEDESTAL SUMP DRAIN
P	1"	3000# FNPT	ENGINE AUX. WATER DRAIN & FILL
N	1"	3000# FNPT	ENGINE JACKET WATER DRAIN & FILL
M	1"	3000# FNPT	FUEL GAS FILTER DRAIN
J	3"	150# RF	START SYSTEM INLET
H	2"	3000# FNPT	FUEL GAS INLET
G	1"	150# RF	CYLINDER LUBE OIL LINE
F	1-1/2"	150# RF	COMPRESSOR OIL MAKEUP
E	1-1/2"	150# RF	COMPRESSOR OIL DRAIN
D	6"	900# RTJ	FINAL STAGE BYPASS VALVE LINE
C4	1"	3000# FNPT	SCRUBBER DRAIN (4TH STAGE)
C3	1"	3000# FNPT	SCRUBBER DRAIN (3RD STAGE)
C2	1"	3000# FNPT	SCRUBBER DRAIN (2ND STAGE)
C1	1"	3000# FNPT	SCRUBBER DRAIN (1ST STAGE)
B	6"	900# RTJ	CUSTOMER GAS OUTLET
A	20"	300# RF	CUSTOMER GAS INLET

CUSTOMER CONNECTIONS

MAJOR COMPONENTS			
COMPRESSOR	KBZ-6		
CYLINDERS	THROW #1 14-1/8 Z:10	THROW #2 9-1/4 ZK	THROW #3 24-1/8 Z:10
	THROW #4 17-7/8 Z:10	THROW #5 24-1/8 Z:10	THROW #6 17-7/8 Z:10
DRIVER	CAT 3616 A4		
COUPLING	925 CMR		
COOLER	PROCESS: 180-2ZF, UTILITY: 168-2ZF		
PANEL	CENTURION PLUS		

EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

	US-123272-01
US-123256-01	US-123271-01
US-123255-01	US-123270-01
US-123254-01	US-123269-01
US-123253-01	US-123268-01
US-123252-01	US-123267-01
US-123251-01	US-123266-01
US-123250-01	US-123265-01
US-123249-01	US-123264-01
US-123248-01	US-123263-01
US-123247-01	US-123262-01
US-123246-01	US-123261-01
US-123245-01	US-123260-01
US-123244-01	US-123259-01
US-123243-01	US-123258-01
US-123242-01	US-123257-01
THIS DRAWING APPLIES TO TASK NO'S	THIS DRAWING APPLIES TO TASK NO'S

REV.	DESCRIPTION	DATE	BY	CK	APP'D
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1	AS BUILT UNITS 123242-244; RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/14/18	MD	MD	JT

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JOB. NO./W.I.P. NO./OP. STEP
–
PART NO./PRODUCT I.D. NO.

EXTERRAN.
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

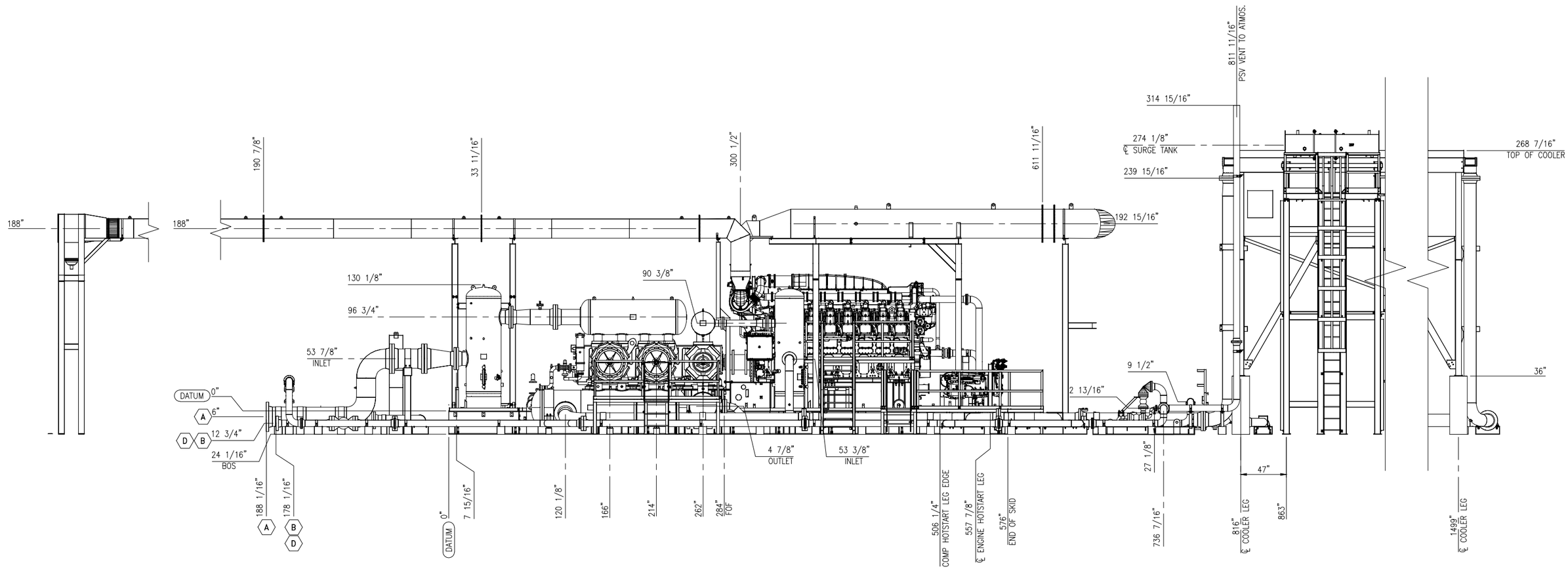
CUSTOMER
XTO ENERGY
DELAWARE BASIN

TITLE
GENERAL ARRANGEMENT
PLAN VIEW/CUSTOMER CONNECTIONS

DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
MD	11/29/2017	VV	N.T.S.	1/PER UNIT

DRAWING NO. US-123242-01-CMP-02-200
SHT. NO. 2 OF 9
REV. 1

UNIT NORTH



SECTION A–A VIEW

EXTERRAN
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FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	BY	CK	APP'D
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0	ISSUED FOR CONSTRUCTION	12/14/18	MD	MD	JT

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PART NO./PRODUCT I.D. NO.

EXTERRAN.
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Houston, TX, 77041 (281) 854–3000

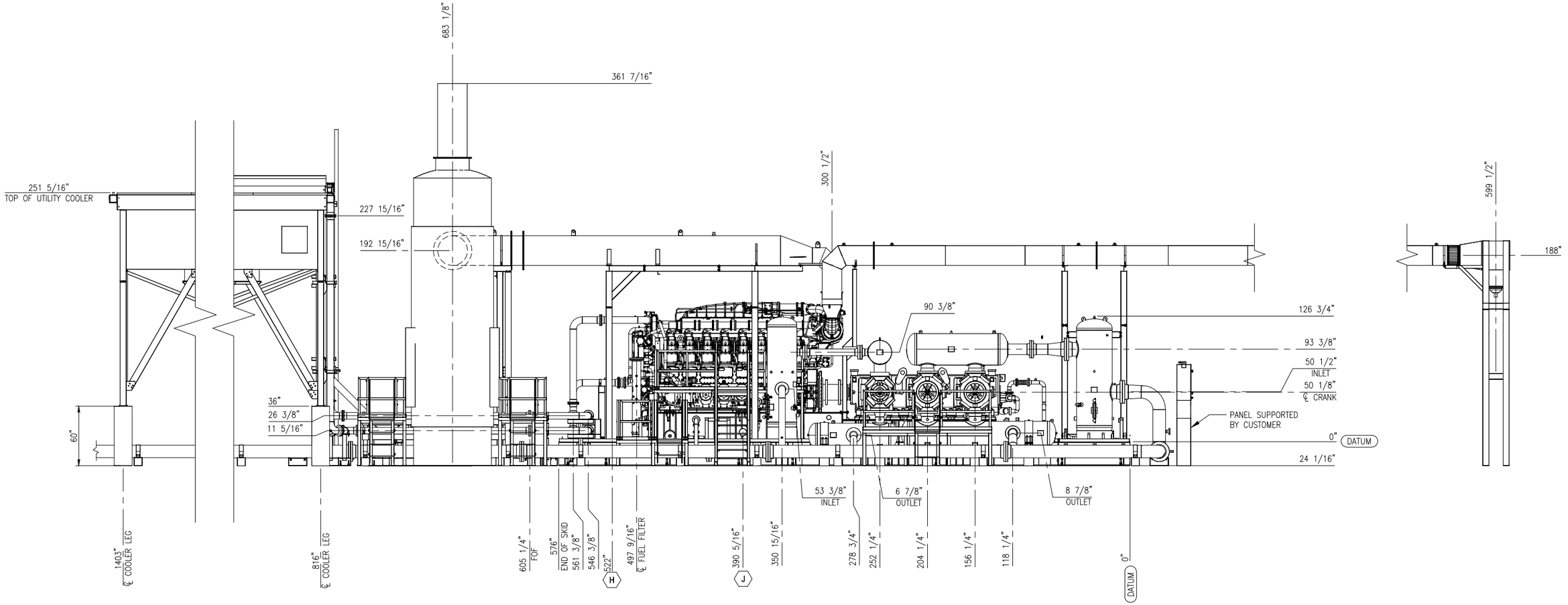
CUSTOMER
XTO ENERGY
DELAWARE BASIN

TITLE
GENERAL ARRANGEMENT
SECTION VIEW A–A

DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
MD	11/29/2017	VV	N.T.S.	1/PER UNIT

DRAWING NO. US–123242–01–CMP–02–200
SHT. NO. 3 OF 9
REV. 1

DRAWING NORTH



SECTION VIEW B–B

EXTERRAN
REVISED ISSUED
FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	BY	CK	APP'D
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0	ISSUED FOR CONSTRUCTION	12/14/18	MD	MD	JT

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PART NO./PRODUCT I.D. NO.

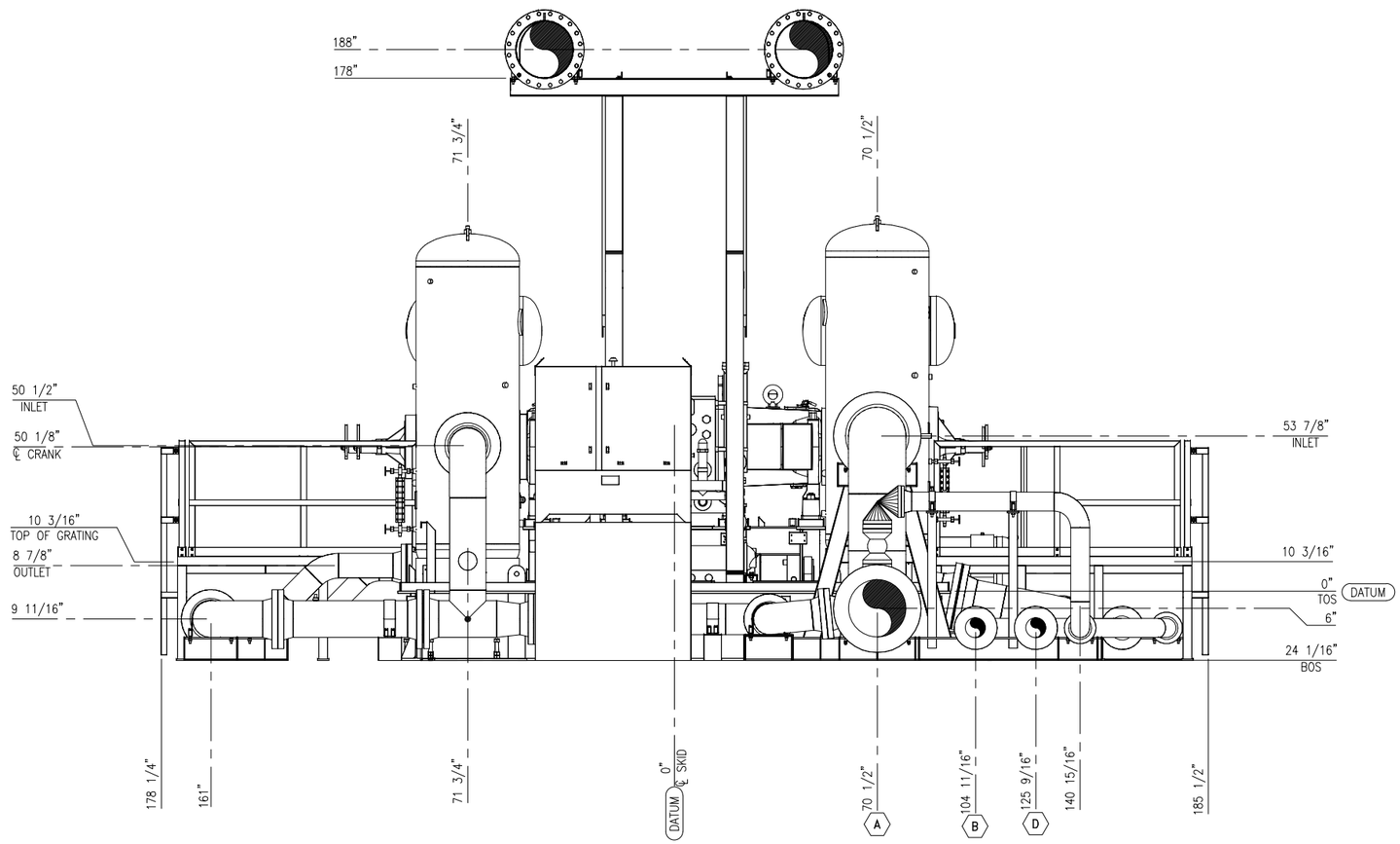
EXTERRAN.
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854–3000

CUSTOMER: XTO ENERGY
DELAWARE BASIN

TITLE: GENERAL ARRANGEMENT
SECTION VIEW B–B

DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
MD	11/29/2017	VV	N.T.S.	1/PER UNIT

DRAWING NO. US–123242–01–CMP–02–200
SHT. NO. 4 OF 9
REV. 1



SECTION VIEW C-C

EXTERRAN
REVISED ISSUED
FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	BY	CK	APP'D
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1	AS BUILT UNITS 123242-244; RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/14/18	MD	MD	JT

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PART NO./PRODUCT I.D. NO.

EXTERRAN.

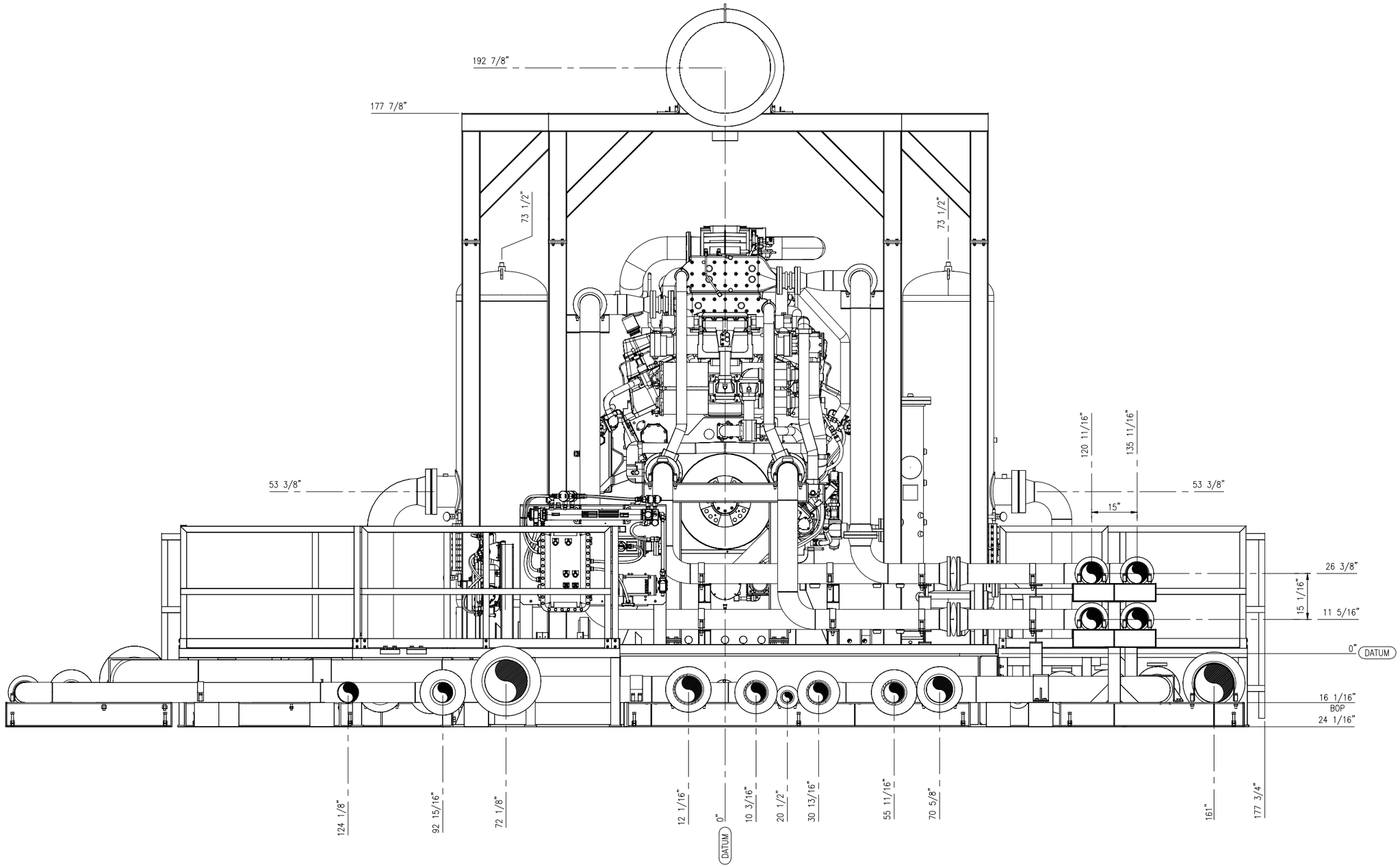
4444 Brittmoore Rd.
Houston, TX. 77041 (281) 854-3000

CUSTOMER
XTO ENERGY
DELAWARE BASIN

TITLE
GENERAL ARRANGEMENT
SECTION VIEW C-C

DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
MD	11/29/2017	VV	N.T.S.	1/PER UNIT

DRAWING NO.	SHT. NO.	REV.
US-123242-01-CMP-02-200	5 OF 9	1



SECTION VIEW D-D

EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	BY	CK	APP'D
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1	AS BUILT UNITS 123242-244; RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/14/18	MD	MD	JT

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PART NO./PRODUCT I.D. NO.

EXTERRAN.

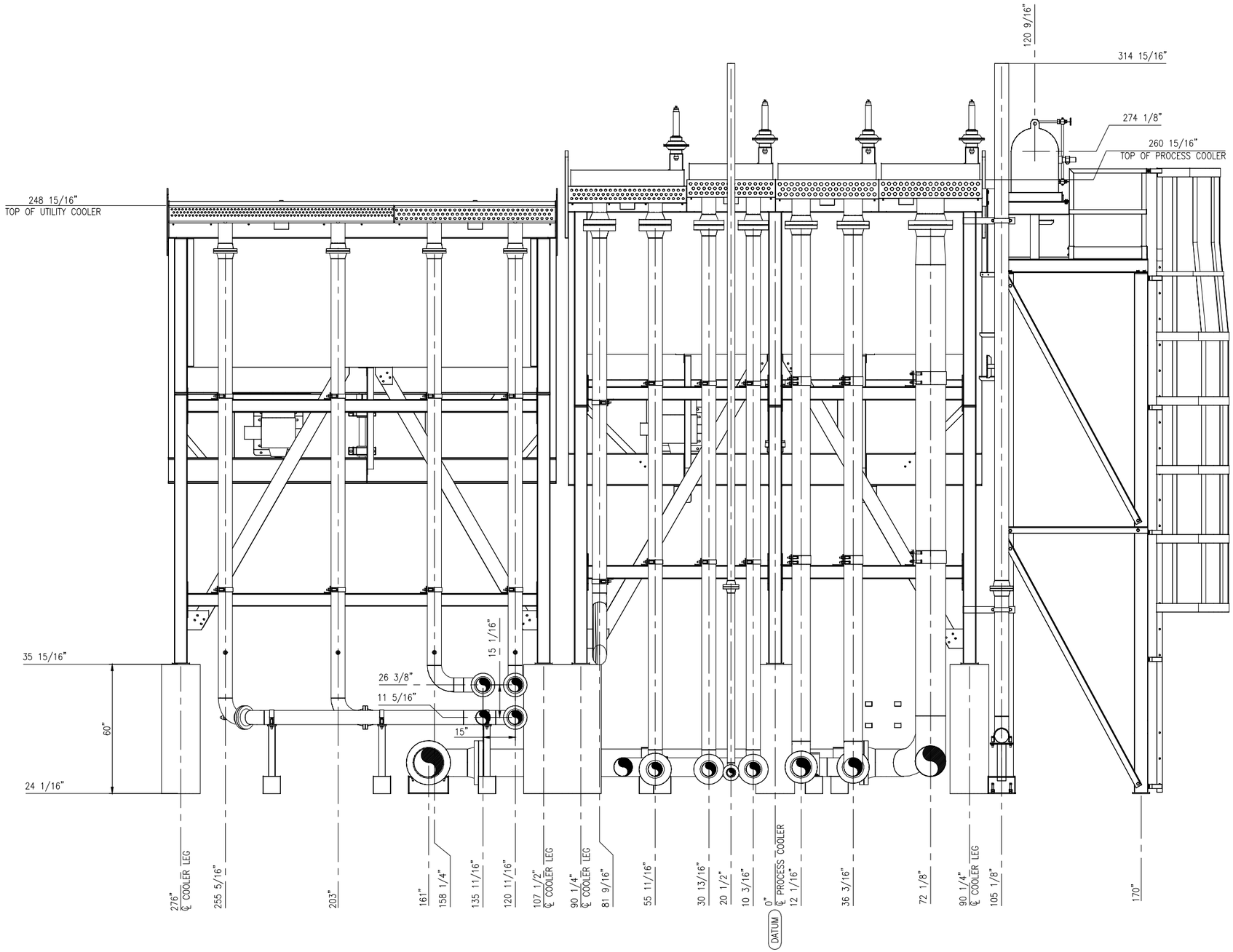
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

CUSTOMER: XTO ENERGY
DELAWARE BASIN

TITLE: GENERAL ARRANGEMENT
SECTION VIEW D-D

DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
MD	11/29/2017	VV	N.T.S.	1/PER UNIT

DRAWING NO.	SHT. NO.	REV.
US-123242-01-CMP-02-200	6 OF 9	1



SECTION VIEW E-E

EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	BY	CK	APP'D
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0	ISSUED FOR CONSTRUCTION	12/14/18	MD	MD	JT

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PART NO./PRODUCT I.D. NO.

EXTERRAN.

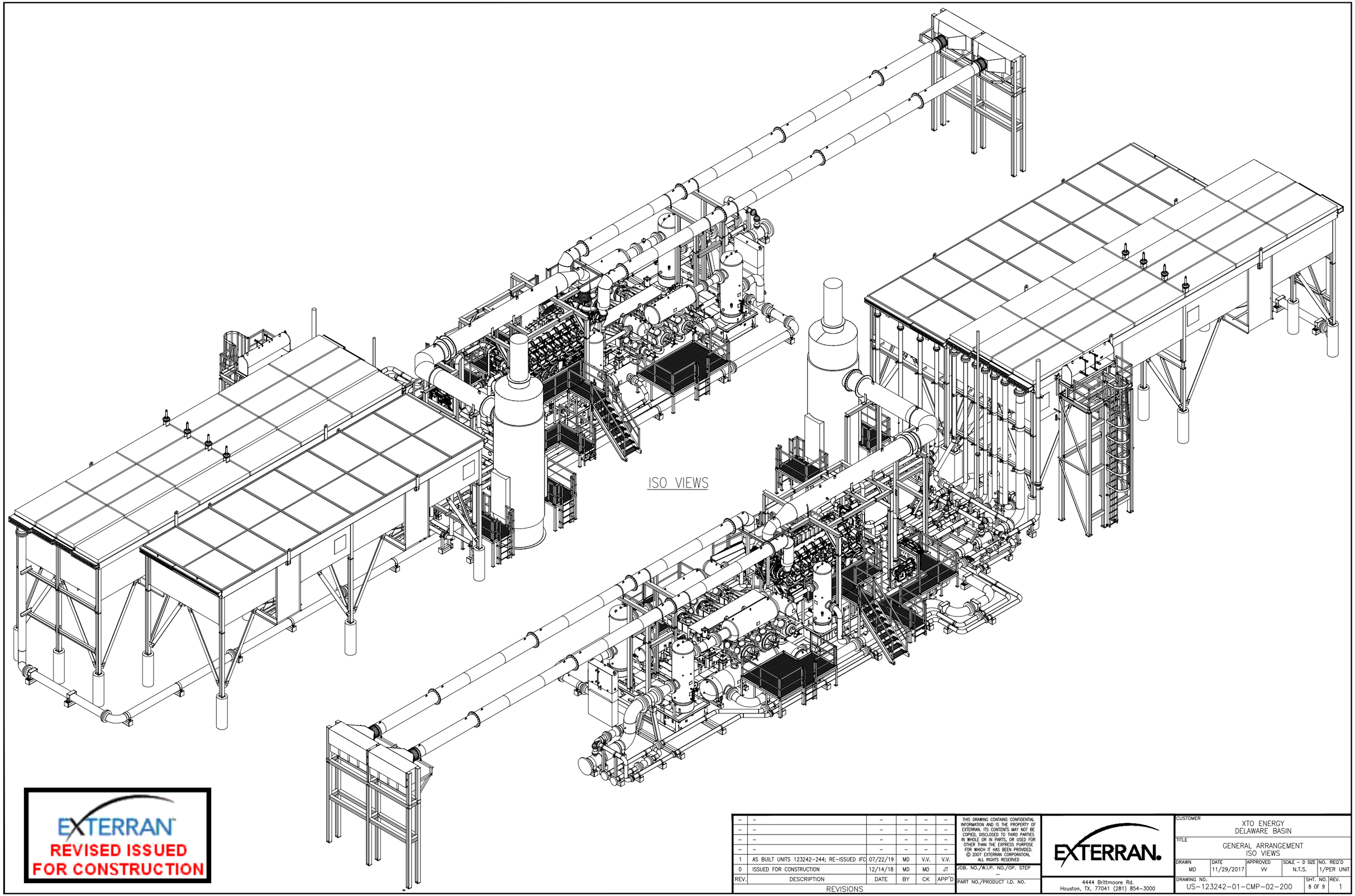
4444 Brittmoore Rd.
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CUSTOMER
XTO ENERGY
DELAWARE BASIN

TITLE
GENERAL ARRANGEMENT
SECTION VIEW E-E

DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
MD	11/29/2017	VV	N.T.S.	1/PER UNIT

DRAWING NO. US-123242-01-CMP-02-200 | SHT. NO. 7 OF 9 | REV. 1



ISO VIEWS

EXTERRAN
REVISED ISSUED
FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	BY	CK	APP'D
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0	ISSUED FOR CONSTRUCTION	12/14/18	MD	MD	JT

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PART NO./PRODUCT I.D. NO.

EXTERRAN.

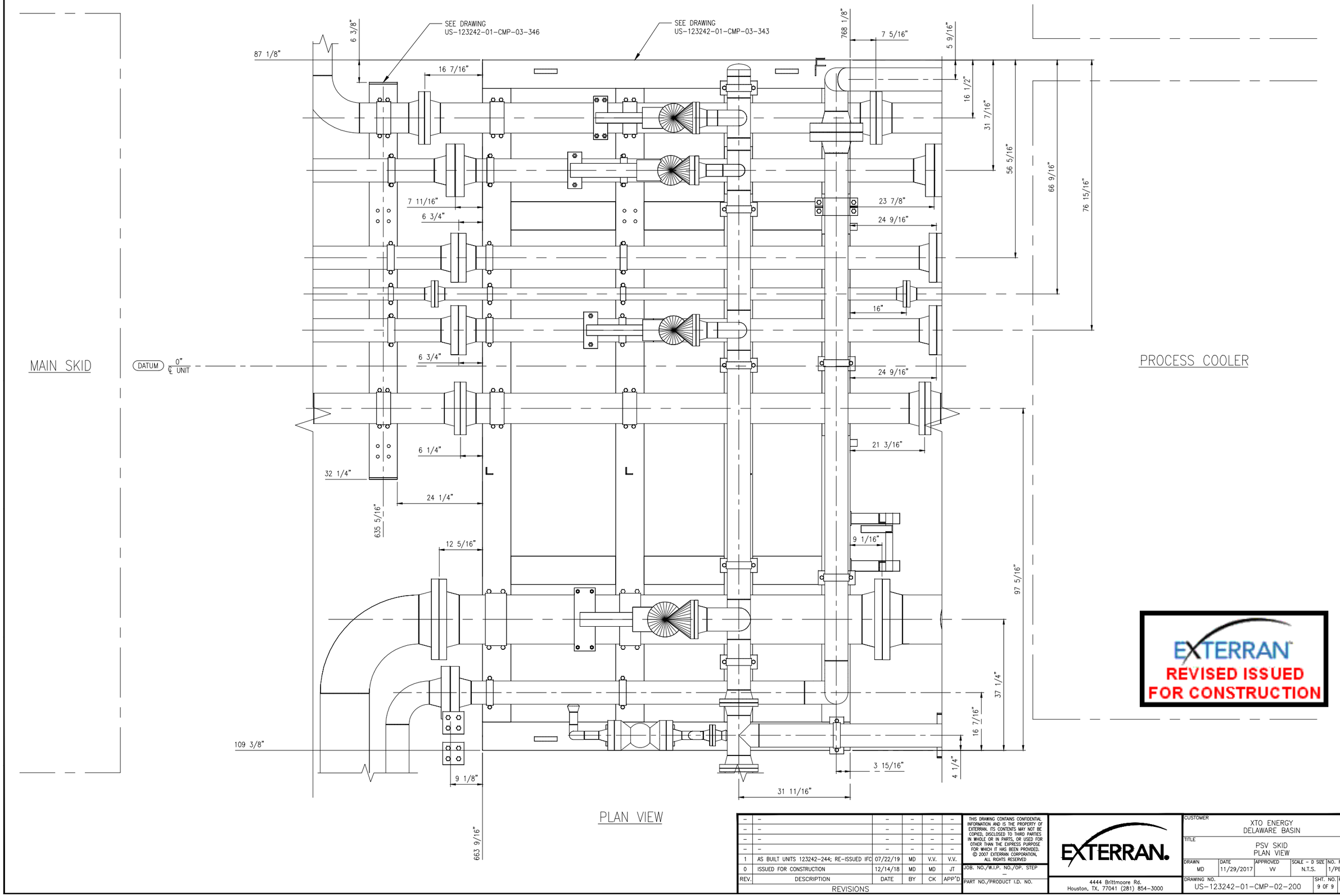
4444 Brittmoore Rd.
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CUSTOMER
XTO ENERGY
DELAWARE BASIN

TITLE
GENERAL ARRANGEMENT
ISO VIEWS

DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
MD	11/29/2017	VV	N.T.S.	1/PER UNIT

DRAWING NO.	SHT. NO.	REV.
US-123242-01-CMP-02-200	8 OF 9	1



PLAN VIEW

EXTERRAN
REVISED ISSUED FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	BY	CK	APP'D
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1	AS BUILT UNITS 123242-244; RE-ISSUED IFC	07/22/19	MD	V.V.	V.V.
0	ISSUED FOR CONSTRUCTION	12/14/18	MD	MD	JT

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PART NO./PRODUCT I.D. NO.

EXTERRAN.

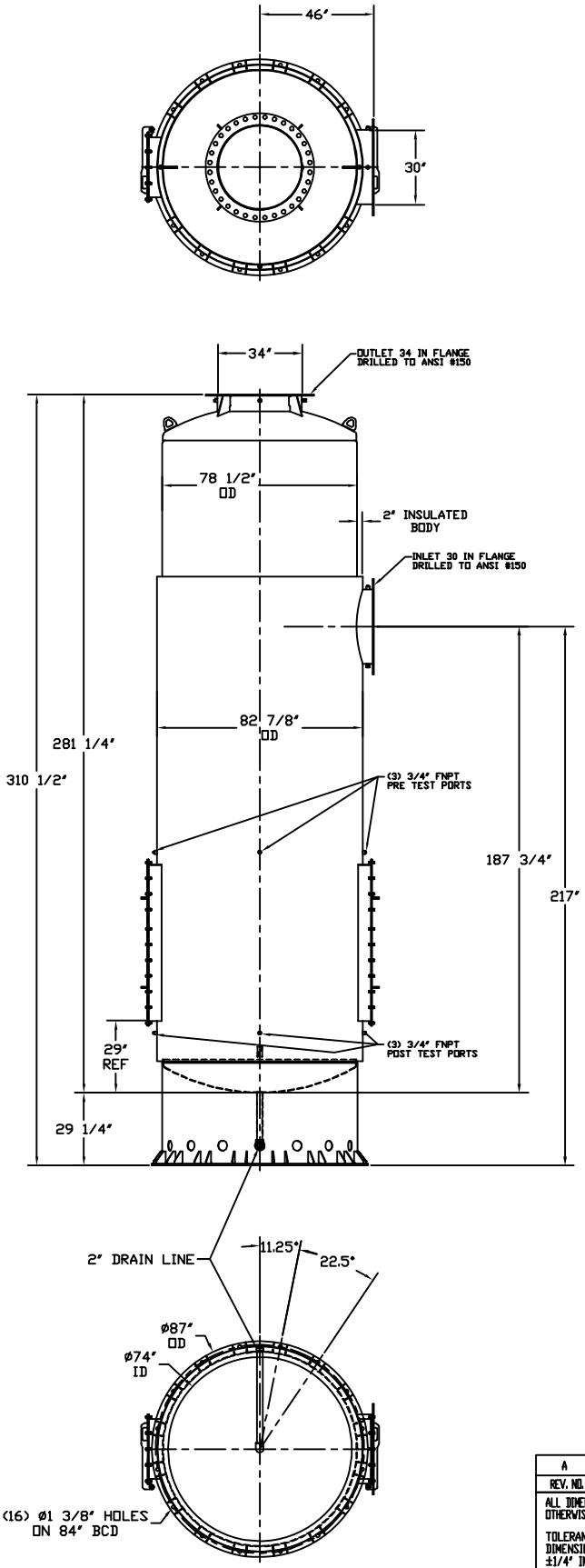
4444 Brittmoore Rd.
Houston, TX, 77041 (281) 854-3000

CUSTOMER: XTO ENERGY DELAWARE BASIN

TITLE: PSV SKID PLAN VIEW

DRAWN	DATE	APPROVED	SCALE – D SIZE	NO. REQ'D
MD	11/29/2017	VV	N.T.S.	1/PER UNIT

DRAWING NO. US-123242-01-CMP-02-200 | SHT. NO. 9 OF 9 | REV. 1



NOTES:

1. MATERIAL CARBON STEEL.
2. SILENCER IS DESIGNED TO SUPPORT OWN WEIGHT ONLY.
3. STANDARD MAXIM CONSTRUCTION TOLERANCE APPLY (±1/4").
4. ALL WELDED CONSTRUCTION.
5. DRAWING SUBJECT TO CHANGE WITHOUT NOTICE.
6. ELEMENT CAPACITY = 12.
7. WIND LOAD = 100 MPH.
8. TYPLICAL ATTENUATION: 20 TO 25 dBA (RESIDENTIAL GRADE)
9. APPROXIMATE LINEAR GROWTH OF INLET NOZZEL = 0.048"

*** MEETS DOT 49 CFR 192.171-E.

REV. NO.	REV. BY	DATE	DESCRIPTION
A	TF	11/21/17	ADDED DRAIN LINE SIZE.

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED.

TOLERANCES APPLY ON CRITICAL DIMENSION(S) AS SHOWN BELOW: ±1/4" IMP FRAC; ±0.25 IMP DEC ±6.35 MM METRIC; ±2° ANGULAR

DIM HOLD - CRITICAL DIMENSION

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THIRD ANGLE PROJECTION

DRAWING TYPE:	SALES
DRAWN BY:	CM
DATE:	11/20/17
APPROVED BY:	
DATE:	
REF #:	12
EST. WEIGHT:	13,000 LBS
ORDER:	
SHIP DATE:	

MAXIM SILENCERS®
10635 Brighton Lane
Stafford, TX 77477
PH (832) 554-0990
FX (832) 554-0990
www.maximsilencers.com

TITLE: CATALYTIC RESIDENTIAL GRADE SILENCER

MAXIM MODEL NO:	MACCOG2-12-3430-C2	DRAWING NO:	145-8A19949
REV:	A		
PROJECT/SALES ORDER NO:		EXTERNAL FINISH:	HT BLACK PAINT
SHEET:	1 OF 1		

September 26, 2016

Emission Control Application Data Sheet

Maxim Silencers
10635 Brighton Lane
Stafford, Texas 77477
Phone: 832 554-0980
Fax: 832 554-0990

Customer: **EXTERRAN** Project: **OPP# 10262 CVX/NM** Date: **11/21/2017**

Customer Contact Powertherm Contact: Order/Quote #: **0**

Engine Data:

Engine Model:	**CAT 3616A4**		Speed:	**1000**	RPM
Fuel & Operating Type:	**Natural Gas Lean Burn**		Engine Power:	**4951** **3763**	Hp KW
Exhaust Flow Rate:	**33259** **56507** **59282**	**acfm** **m^3/hr** **lbs/hr**	Exhaust Temperature:	**873** **467**	°F °C

Catalyst Data:

catalyst by customer

Number of Core layers:	**1**				
Model:	**MACCOG2-12-3428-C2**		Inlet Size:	**30**	in
Grade:	**RESIDENTIAL**		Outlet Size:	**34**	in
Body Diameter:	**78**	in	Body Length:	**281**	in
Estimated weight:	**16300** **7396**	lbs Kg	Estimated Back Pressure of the unit:	**5.73** **14.3**	in of WC mbar
Core Part Number:	**MCC-7140-2 (15.44 X 24.75) SIZE** Qty **8**		Speed through inlet:	**5434**	ft/min
Cell Density	300	cpsi	Back Pressure across Element(s) only	2.66 **6.6**	in of WC mbar

Emission:

Min. Temp. at Core Face: **842** °F **450** °C
Max. Temp. at Core Face: **954** °F **512** °C

Catalyst Type: **Oxidation**

O_2 in Exhaust vol %
H_2O in Exhaust vol %

	Pollutant						
	NOx	CO	NMNEHC/VOC	CH_2O/CHCO	ORGANIC PM10		
Engine Out / Pre Emission:	**0.3**	**3.05**	**1.12**	**0.15**	**0**	g/bhp-hr	
	72.57	**737.76**	**270.91**	**36.28**	**0.00**	mg/Nm3	
Post Emission:	**0.300**	**0.214**	**0.560**	**0.030**	**0.000**	g/bhp-hr	
	72.57	**51.64**	**135.46**	**7.26**	**0.00**	mg/Nm3	
	0.0	***93.0***	***50.0***	***80.0***	***50.0***	% Reduction	
	3.34	2.37	6.23	0.33		lb/hr	
	14.61	10.40	27.28	1.46		tons/year operation	**8760** hr/year
	34.8	24.8	65.0	3.5		ppmv	
						ppmvd @ 15% O2	

Acoustics:

Frequency Band (Hz):	31.5	63	125	250	500	1000	2000	4000	8000	
Raw Noise SPL (dB) at 3.28 ft.:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	7 dBA
Estimated Attenuation (dB):	**9**	**19**	**33**	**28**	**20**	**17**	**17**	**18**	**18**	No Element
Plus:	**9**	**20**	**35**	**30**	**24**	**22**	**23**	**24**	**23**	One Element Layer
Silenced SPL (dB) at 3.28 ft.:										

Warranty & Notes:

- **If Pre-Emission levels are not as noted above, contact Maxim Silencers for a re-quote.**
- To achieve Post Emissions levels detailed above, exhaust temperature and Pre-Emission data must be as specified.
- Maximum allowable exhaust temperature at core face is 1350°F.
- If applicable, the engine will require an air/fuel ratio controller to meet above emission levels. For Rich Burn engines λ must be 0.96 - 0.99.
- Catalyst cleaning/regeneration required, if initial backpressure increases by 2" of WC.
- Engine operation to be stable and reproducible.
- QAC is not designed to withstand a backfire, therefore measures should be taken prior to QAC unit to alleviate backfire pressure.
- Maximum lubrication oil consumption rate to be less than 0.0015 lb/bhp/hr.
- Lube oil sulfate ash contents should not exceed 0.5%.
- Phosphorus and/or Zinc should not exceed 5 ppmv in the exhaust stream.
- A high temperature alarm/shutdown to be maintained at downstream of catalyst at 1300°F.
- Fuel not to contain heavy or transition metals such as Pb, Ar, Zn, Cu, Sn, Fe, Ba, Ni, Cr etc.
- Chlorinated or Silicone containing compounds in the exhaust not to exceed 1 ppmv.
- Sulfur compounds in the exhaust gas stream not to exceed 25 ppmv.
- Performance guarantee is voided should the catalyst become masked or de-activated by any contaminant in the exhaust stream.
- Engine to be maintained and operated in accordance within manufacturer's recommended practice.
- Under no condition will Maxim Silencers assume any contingent liabilities.
- Operating manual is available online at www.maximsilencers.com or contact a Maxim sales representative.
- Nomenclature: QAC4-292-8, 4 is grade (Super Critical), 29 is catalyst block size, 2 is no. of catalyst(s) and 8 is flange diameter.
- Organic PM10 are estimate only and not a guarantee because of the variability in fuels and additives which change PM10.
- Maxim Silencers standard one year warranty applies.

Rev level: 86

September 26, 2016

Emission Control Application Data Sheet

Maxim Silencers
10635 Brighton Lane
Stafford, Texas 77477
Phone: 832 554-0980
Fax: 832 554-0990

Customer: **EXTERRAN** Project: **OPP# 10262 CVX/NM** Date: **11/21/2017**

Customer Contact Powertherm Contact: Order/Quote #: **0**

Engine Data:

Engine Model:	**CAT 3616A4**		Speed:	**1000**	RPM
Fuel & Operating Type:	**Natural Gas Lean Burn**		Engine Power:	**4951** **3763**	Hp KW
Exhaust Flow Rate:	**33259** **56507** **64986**	**acfm** **m^3/hr** **lbs/hr**	Exhaust Temperature:	**756** **402**	°F °C

Catalyst Data:

catalyst by customer

Number of Core layers:	**1**				
Model:	**MACCOG2-12-3428-C2**		Inlet Size:	**30**	in
Grade:	**RESIDENTIAL**		Outlet Size:	**34**	in
Body Diameter:	**78**	in	Body Length:	**281**	in
Estimated weight:	**16300** **7396**	lbs Kg	Estimated Back Pressure of the unit:	**5.88** **14.6**	in of WC mbar
Core Part Number:	**MCC-7140-2 (15.44 X 24.75) SIZE** Qty **8**		Speed through inlet:	**5434**	ft/min
Cell Density	300	cpsi	Back Pressure across Element(s) only	2.51 **6.3**	in of WC mbar

Emission:

Min. Temp. at Core Face: **752** °F **400** °C
Max. Temp. at Core Face: **954** °F **512** °C

Catalyst Type: **Oxidation**

O_2 in Exhaust vol %
H_2O in Exhaust vol %

	Pollutant					
	NOx	CO	NMNEHC/VOC	CH_2O/CHCO	ORGANIC PM10	
Engine Out / Pre Emission:	**0.3**	**3.05**	**1.12**	**0.15**	**0**	g/bhp-hr
	66.20	**673.00**	**247.14**	**33.10**	**0.00**	mg/Nm3
Post Emission:	**0.300**	**0.214**	**0.560**	**0.030**	**0.000**	g/bhp-hr
	66.20	**47.11**	**123.57**	**6.62**	**0.00**	mg/Nm3
	0.0	***93.0***	***50.0***	***80.0***	***50.0***	% Reduction
	3.34	2.37	6.23	0.33		lb/hr
	14.61	10.40	27.28	1.46		tons/year operation **8760** hr/year
	31.8	22.6	59.3	3.2		ppmv
						ppmvd @ 15% O2

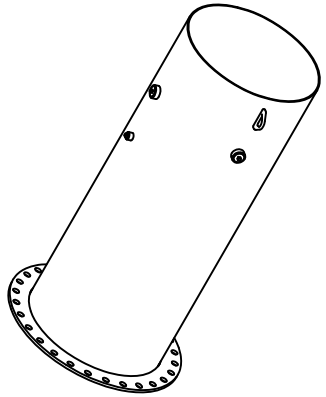
Acoustics:

Frequency Band (Hz):	31.5	63	125	250	500	1000	2000	4000	8000	
Raw Noise SPL (dB) at 3.28 ft.:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	7 dBA
Estimated Attenuation (dB):	**9**	**19**	**33**	**28**	**20**	**17**	**17**	**18**	**18**	No Element
Plus:	**9**	**20**	**35**	**30**	**24**	**22**	**23**	**24**	**23**	One Element Layer
Silenced SPL (dB) at 3.28 ft.:										

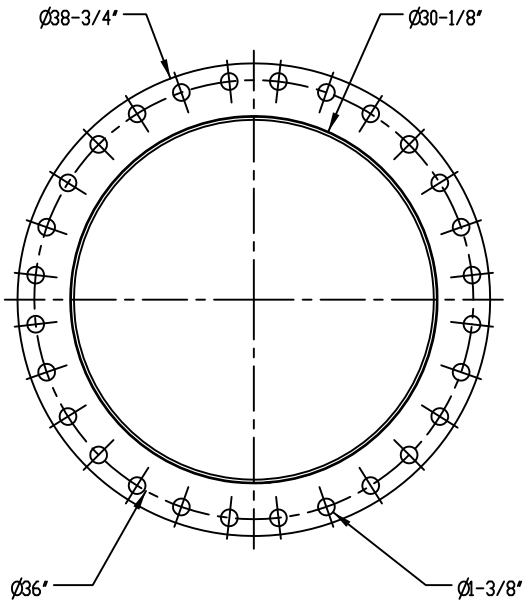
Warranty & Notes:

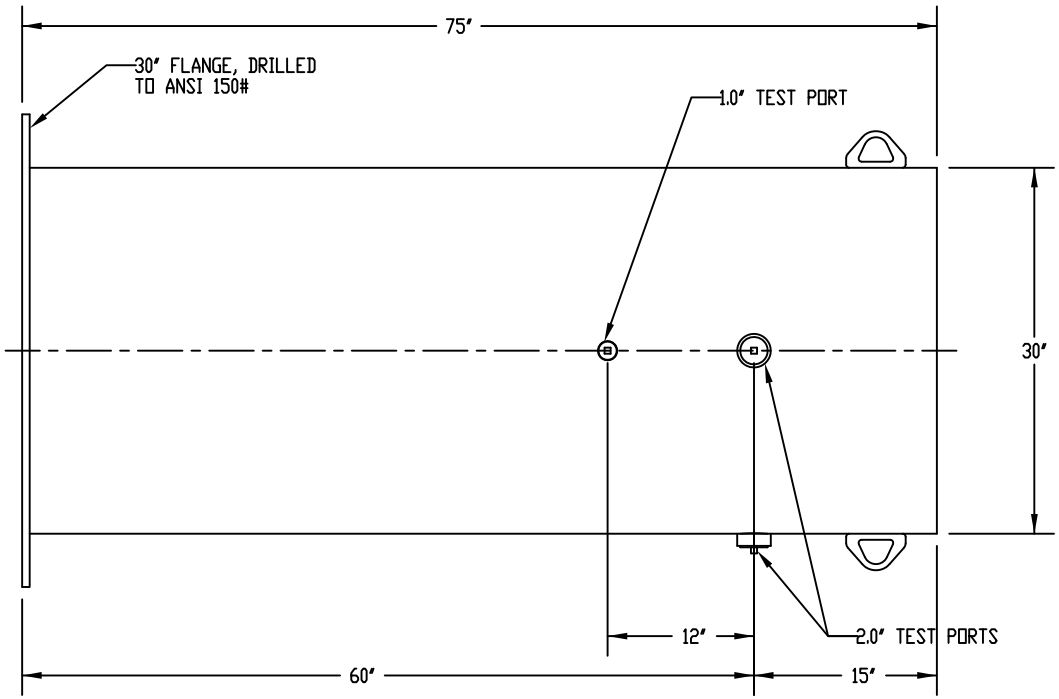
- **If Pre-Emission levels are not as noted above, contact Maxim Silencers for a re-quote.**
- To achieve Post Emissions levels detailed above, exhaust temperature and Pre-Emission data must be as specified.
- Maximum allowable exhaust temperature at core face is 1350°F.
- If applicable, the engine will require an air/fuel ratio controller to meet above emission levels. For Rich Burn engines λ must be 0.96 - 0.99.
- Catalyst cleaning/regeneration required, if initial backpressure increases by 2" of WC.
- Engine operation to be stable and reproducible.
- QAC is not designed to withstand a backfire, therefore measures should be taken prior to QAC unit to alleviate backfire pressure.
- Maximum lubrication oil consumption rate to be less than 0.0015 lb/bhp/hr.
- Lube oil sulfate ash contents should not exceed 0.5%.
- Phosphorus and/or Zinc should not exceed 5 ppmv in the exhaust stream.
- A high temperature alarm/shutdown to be maintained at downstream of catalyst at 1300°F.
- Fuel not to contain heavy or transition metals such as Pb, Ar, Zn, Cu, Sn, Fe, Ba, Ni, Cr etc.
- Chlorinated or Silicone containing compounds in the exhaust not to exceed 1 ppmv.
- Sulfur compounds in the exhaust gas stream not to exceed 25 ppmv.
- Performance guarantee is voided should the catalyst become masked or de-activated by any contaminant in the exhaust stream.
- Engine to be maintained and operated in accordance within manufacturer's recommended practice.
- Under no condition will Maxim Silencers assume any contingent liabilities.
- Operating manual is available online at www.maximsilencers.com or contact a Maxim sales representative.
- Nomenclature: QAC4-292-8, 4 is grade (Super Critical), 29 is catalyst block size, 2 is no. of catalyst(s) and 8 is flange diameter.
- Organic PM10 are estimate only and not a guarantee because of the variability in fuels and additives which change PM10.
- Maxim Silencers standard one year warranty applies.

Rev level: 86



SCALE 0.025





NOTES:

1. MATERIAL CARBON STEEL.
2. STANDARD IAC CONSTRUCTION TOLERANCE APPLY (±1/4″).
3. SPECIFY IF OUTLET FLANGE (IF ANY) IS WELDED OR SHIP LOOSE.
4. DRAWING SUBJECT TO CHANGE WITHOUT NOTICE.

XX	XX	MM/DD/YY	XXXXXXXXXXXXXX
REV. NO.	REV. BY	DATE	DESCRIPTION

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED.

TOLERANCES APPLY ON CRITICAL DIMENSION(S) AS SHOWN BELOW:
±1/4″ IMP FRAC; ±0.25 IMP DEC
±6.35 MM METRIC; ±2° ANGULAR

DIM HOLD - CRITICAL DIMENSION

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THIRD ANGLE PROJECTION

DRAWING TYPE:	
SALES	
DRAWN BY: TF	DATE: 09/20/13
APPROVED BY:	DATE:
REF #: 01	EST. WEIGHT: 600 LBS
ORDER:	SHIP DATE:

MAXIM® SILENCERS
10635 Brighton Lane
Stafford, TX. 77477
PH (832) 554-0980
FX (832) 554-0990
www.maximsilencers.com

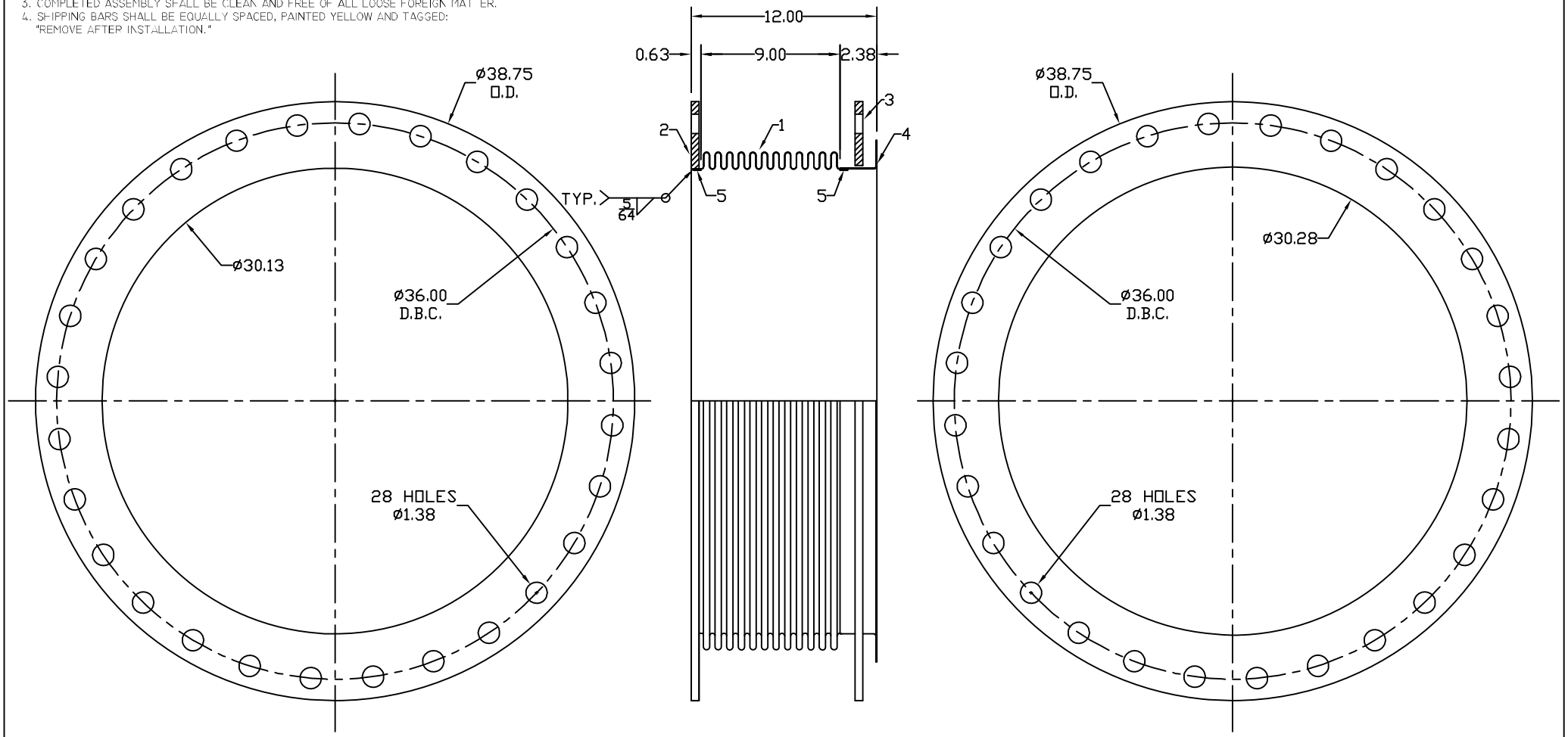
TITLE: EXHAUST STACK
. .

MAXIM MODEL NO.	DRAWING NO.	REV.
TAILPIPE-30-75-C.	132-8A15057	00

PROJECT/SALES ORDER NO.	EXTERNAL FINISH	SHEET
.	HT BLACK PAINT	1 OF 1

GENERAL NOTES:
1. DESIGN AND FABRICATE IN ACCORDANCE WITH THE EJMA STANDARDS.
   (EXPANSION JOINT MANUFACTURE'S ASSOCIATION).
2. WELDING SHALL BE IN ACCORDANCE WITH ASME SECTION IX.
3. COMPLETED ASSEMBLY SHALL BE CLEAN AND FREE OF ALL LOOSE FOREIGN MATTER.
4. SHIPPING BARS SHALL BE EQUALLY SPACED, PAINTED YELLOW AND TAGGED:
   "REMOVE AFTER INSTALLATION."

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



ITEM	QTY	DESCRIPTION	MATERIAL	MTR
1	1	BELLOWS, 30" ID X 2 PLY 0.012" THK.	A 240 T-321	
2	1	FLANGE, FIXED, 30" -125/150# X 0.50" THK.	A 36	
3	1	FLANGE, FLOATING, 30" -125/150# X 0.50" THK.	A 36	
4	1	VANSTONE STUB, 30" BOS. X 0.050" THK.	A 240 T-321	
5	2	INTERNAL BAND, 1/2" WIDE X 0.062" THK.	A 240 T-321	

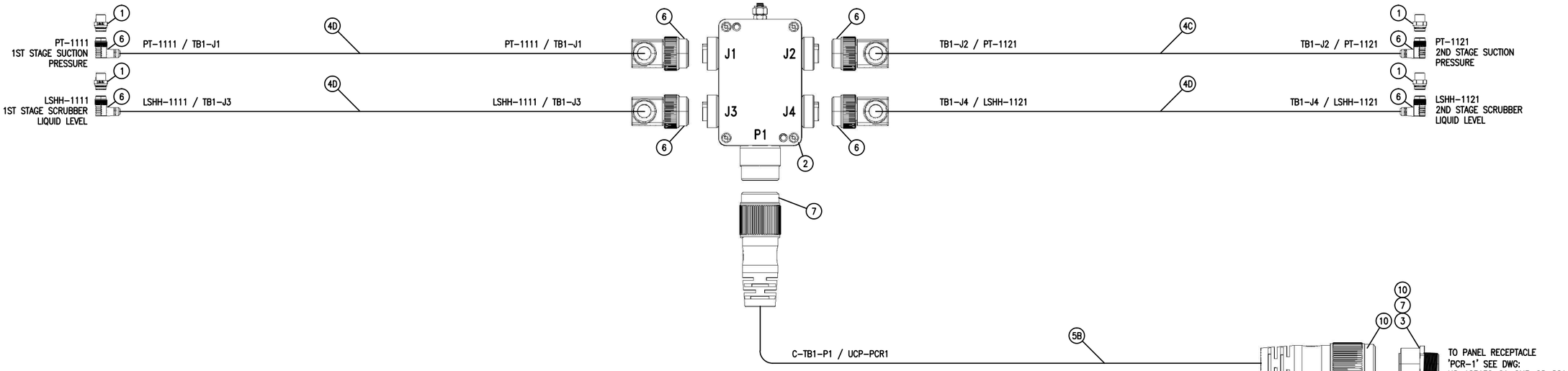
DESIGN SPECIFICATIONS			
DESIGN PRESSURE:	5 PSIG	NON-CONCURRENT MOVEMENTS	
DESIGN TEMP:	1000°F	COMPRESSION:	4.21"
APPROX. WEIGHT:	700 LBS	EXTENSION:	1.0"
MEDIA:	AIR	LATERAL OFFSET:	.41"
DESIGN CYCLE LIFE:	50,000	ANGULAR:	0
TEST:	NONE	AXIAL SPRING RATE:	139 LBS/IN
TEST PRESSURE:	--	LATERAL SPRING RATE:	2624 LBS/IN

TOLERANCES:
FRACTIONS: ± 1/8"
EXP. JOINTS: OAL: ± 1/8"
.XXX ± .010"
.XX ± .030"
.X ± .060"
ANGLES ± 1/2°

DME
14001 MARQUARDT AVE.
SANTA FE SPRINGS, CA 90670
TEL: 562-921-0464 FAX: 562-802-7489

CUSTOMER: POWERTHERM COMPANY
JOB NUMBER: M5603
DESCRIPTION: 30" MULTI-PLY BELLOWS EXPANSION JOINT
DWG NO: 13M3000-12
REV: 0
SHEET: 1 OF 1
DESIGNED BY: E.F.
DRAWN BY: E.F.
APPROVED BY:
SALES APPROVAL:
DATE: 03-25-2015

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BILL OF MATERIAL				
MARK	QTY	DESCRIPTION	EXTERRAN P/N	TURCK P/N
1	4	INSTRUMENT RECEPTACLE	EXT-185191	P-RSFV 40 EX-.15M/14.5/NPT
2	1	TURCK BRICK (4-PORT)	EXT-185193	P-4 RKFV 40-RSFV100
3	1	PANEL RECEPTACLE (10-PIN)	EXT-187531	P-RKFV 101 EX-3M/14.75/NPT
4A	XX	INSTRUMENT DROP CABLE	EXT-185307	P-WSV WKV 40-330-1M
4B	XX	INSTRUMENT DROP CABLE	EXT-188304	P-WSV WKV 40-330-2M
4C	1	INSTRUMENT DROP CABLE	EXT-185309	P-WSV WKV 40-330-3M
4D	3	INSTRUMENT DROP CABLE	EXT-187987	P-WSV WKV 40-330-4M
4E	XX	INSTRUMENT DROP CABLE	EXT-185310	P-WSV WKV 40-330-5M
4F	XX	INSTRUMENT DROP CABLE	EXT-188501	P-WSV WKV 40-330-6M
4G	XX	INSTRUMENT DROP CABLE	EXT-185312	P-WSV WKV 40-330-8M
4H	XX	INSTRUMENT DROP CABLE	EXT-185315	P-WSV WKV 40-330-10M
4J	XX	INSTRUMENT DROP CABLE	EXT-186125	P-WSV WKV 40-330-12M
4K	XX	INSTRUMENT DROP CABLE	EXT-188660	P-WSV WKV 40-330-13M
4L	XX	INSTRUMENT DROP CABLE	EXT-186129	P-WSV WKV 40-330-15M
4M	XX	INSTRUMENT DROP CABLE	EXT-186131	P-WSV WKV 40-330-20M
4N	XX	INSTRUMENT DROP CABLE	EXT-188502	P-WSV WKV 40-330-22M
4P	XX	INSTRUMENT DROP CABLE	EXT-188503	P-WSV WKV 40-330-25M
4Q	XX	INSTRUMENT DROP CABLE	EXT-186822	P-WSV WKV 40-330-28M
4R	XX	INSTRUMENT DROP CABLE	EXT-186823	P-WSV WKV 40-330-32M
5A	XX	HOMERUN CABLE (10-PIN)	EXT-186132	P-RSV RKV 101-489-3M
5B	1	HOMERUN CABLE (10-PIN)	EXT-185338	P-RSV RKV 101-489-4M
5C	XX	HOMERUN CABLE (10-PIN)	EXT-186133	P-RSV RKV 101-489-5M
5D	XX	HOMERUN CABLE (10-PIN)	EXT-187992	P-RSV RKV 101-489-6M
5E	XX	HOMERUN CABLE (10-PIN)	EXT-185339	P-RSV RKV 101-489-8M
5F	XX	HOMERUN CABLE (10-PIN)	EXT-186134	P-RSV RKV 101-489-10M
5G	XX	HOMERUN CABLE (10-PIN)	EXT-186135	P-RSV RKV 101-489-12M
5H	XX	HOMERUN CABLE (10-PIN)	EXT-185341	P-RSV RKV 101-489-14M
5J	XX	HOMERUN CABLE (10-PIN)	EXT-187906	P-RSV RKV 101-489-16M
5K	XX	HOMERUN CABLE (10-PIN)	EXT-186136	P-RSV RKV 101-489-20M
6	8	INSTRUMENT DROP CABLE LOCK BOOT (90')	EXT-185267	LOCK-MINI-ANGLE A9155
7	2	HOMERUN CABLE LOCK BOOT	EXT-185266	LOCK, MINI, B&C
8	XX	DROP CABLE END CAP - MALE	EXT-188306	RKFK-BC
9	XX	DROP CABLE END CAP - FEMALE	EXT-188307	RSFK-BC
10	2	HOMERUN CABLE DUST CAP	EXT-188308	CAP-BLK-VINYL-28.58mm

EXTERRAN.
ISSUED FOR CONSTRUCTION

REVISIONS					
REV.	DESCRIPTION	DATE	BY	CK	APP'D
0	ISSUED FOR CONSTRUCTION	10/29/18	DTB	JAH	JAH
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

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PART NO./PRODUCT I.D. NO.

EXTERRAN.
12001 NORTH HOUSTON ROSSLYN ROAD
Houston, TX, 77086 (281) 447-8787

US-123203-01	US-123194-01
	US-123193-01
US-123202-01	US-123192-01
US-123201-01	US-123135-01
US-123200-01	US-123134-01
US-123199-01	US-123133-01
US-123198-01	US-123132-01
US-123197-01	US-123131-01
US-123196-01	US-123130-01
US-123195-01	THIS DRAWING APPLIES TO TASK NO'S

CUSTOMER: XTO ENERGY
DELAWARE BASIN

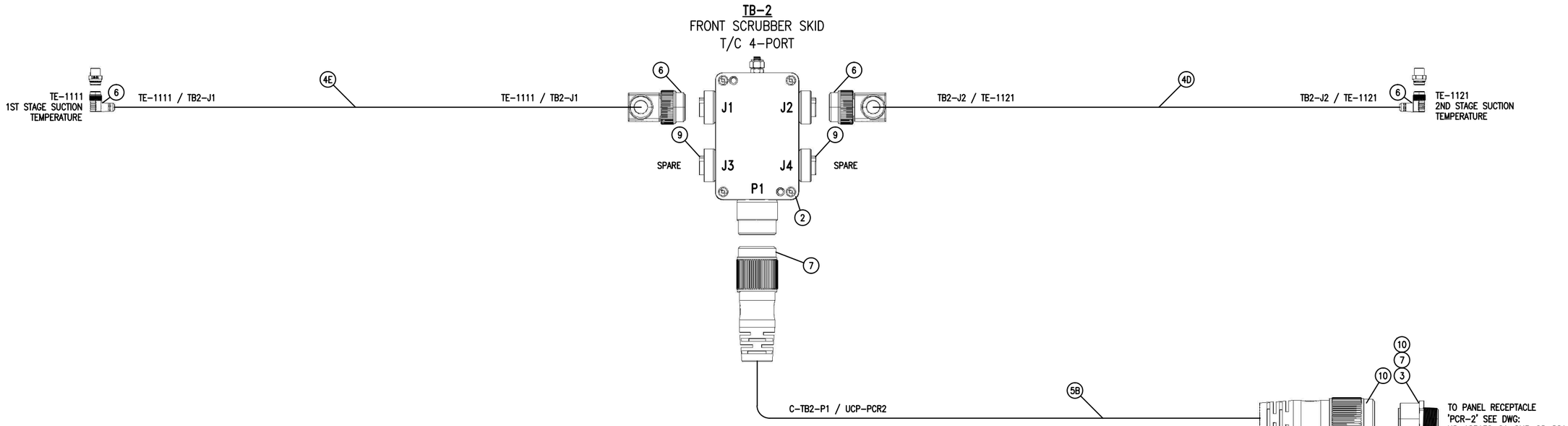
TITLE: TURCK BLOCK DIAGRAM
ASSEMBLY & LAYOUT DETAIL

DRAWN	DATE	APPROVED	SCALE - D SIZE	NO. REQ'D
D.BOOMER	10/01/2018	J.HAEHN	N.T.S.	1/PER UNIT

DRAWING NO. US-123130-01-CMP-08-860 | SHT. NO. 1 OF 14 | REV. 0

DRT-FRM-0021, REV.0

C:_Workspace\Compression\US-123000 - US-123999\US-123130-01 thru 135 (XTO DELAWARE BASIN)\08-Instrument Diagrams, Details\US-123130-01-CMP-08-860.dwg



BILL OF MATERIAL

MARK	QTY	DESCRIPTION	EXTERRAN P/N	TURCK P/N
1	XX	TC-K INSTRUMENT RECEPTACLE	EXT-185367	P-RSFV 35-2148-.5M/14.5/NPT
2	1	TC-K TURCK BRICK (4-PORT)	EXT-185195	P-4 RKFV 35-RSFV1235
3	1	TC-K PANEL RECEPTACLE (12-PIN)	EXT-187533	P-RKFV 1235-2149-3M/M20
4A	XX	TC-K INSTRUMENT DROP CABLE	EXT-185360	P-WSV WKV 35-2148-1M
4B	XX	TC-K INSTRUMENT DROP CABLE	EXT-186144	P-WSV WKV 35-2148-2M
4C	XX	TC-K INSTRUMENT DROP CABLE	EXT-185361	P-WSV WKV 35-2148-3M
4D	1	TC-K INSTRUMENT DROP CABLE	EXT-186145	P-WSV WKV 35-2148-4M
4E	1	TC-K INSTRUMENT DROP CABLE	EXT-185362	P-WSV WKV 35-2148-5M
4F	XX	TC-K INSTRUMENT DROP CABLE	EXT-186146	P-WSV WKV 35-2148-6M
4G	XX	TC-K INSTRUMENT DROP CABLE	EXT-186147	P-WSV WKV 35-2148-8M
4H	XX	TC-K INSTRUMENT DROP CABLE	EXT-186148	P-WSV WKV 35-2148-10M
4J	XX	TC-K INSTRUMENT DROP CABLE	EXT-185364	P-WSV WKV 35-2148-12M
4K	XX	TC-K INSTRUMENT DROP CABLE	EXT-187997	P-WSV WKV 35-2148-20M
4L	XX	TC-K INSTRUMENT DROP CABLE	EXT-188504	P-WSV WKV 35-2148-22M
4M	XX	TC-K INSTRUMENT DROP CABLE	EXT-188505	P-WSV WKV 35-2148-25M
4N	XX	TC-K INSTRUMENT DROP CABLE	EXT-188506	P-WSV WKV 35-2148-28M
4P	XX	TC-K INSTRUMENT DROP CABLE	EXT-186811	P-WSV WKV 35-2148-32M
5A	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-186140	P-RSV RKV 1235-2149-3M
5B	1	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-185222	P-RSV RKV 1235-2149-4M
5C	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-186141	P-RSV RKV 1235-2149-5M
5D	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-187994	P-RSV RKV 1235-2149-6M
5E	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-185221	P-RSV RKV 1235-2149-8M
5F	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-186142	P-RSV RKV 1235-2149-10M
5G	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-187995	P-RSV RKV 1235-2149-12M
5H	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-185224	P-RSV RKV 1235-2149-14M
5J	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-186143	P-RSV RKV 1235-2149-20M
6	4	INSTRUMENT DROP CABLE LOCK BOOT	EXT-185267	LOCK-MINI-ANGLE A9155
7	2	HOMERUN CABLE LOCK BOOT	EXT-185266	LOCK, MINI, B&C
8	XX	DROP CABLE END CAP - MALE	EXT-188306	RKFK-BC
9	2	DROP CABLE END CAP - FEMALE	EXT-188307	RSFK-BC
10	2	HOMERUN CABLE DUST CAP	EXT-188308	CAP-BLK-VINYL-28.58mm

EXTERRAN.
ISSUED FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	BY	CK	APP'D
-	-	-	-	-	-
-	-	-	-	-	-
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0	ISSUED FOR CONSTRUCTION	10/29/18	DTB	JAH	JAH

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PART NO./PRODUCT I.D. NO.

EXTERRAN.
12001 NORTH HOUSTON ROSSLYN ROAD
Houston, TX, 77086 (281) 447-8787

CUSTOMER: XTO ENERGY
DELAWARE BASIN

TITLE: TURCK BLOCK DIAGRAM
ASSEMBLY & LAYOUT DETAIL

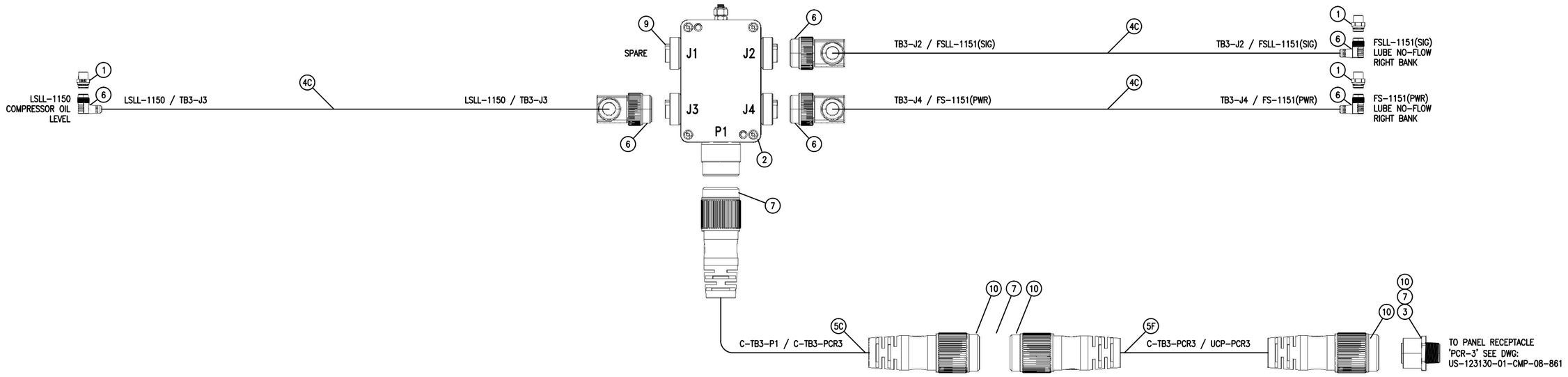
DRAWN	DATE	APPROVED	SCALE - D SIZE	NO. REQ'D
D.BOOMER	10/01/2018	J.HAEHN	N.T.S.	1/PER UNIT

DRAWING NO. US-123130-01-CMP-08-860 | SHT. NO. 2 OF 14 | REV. 0

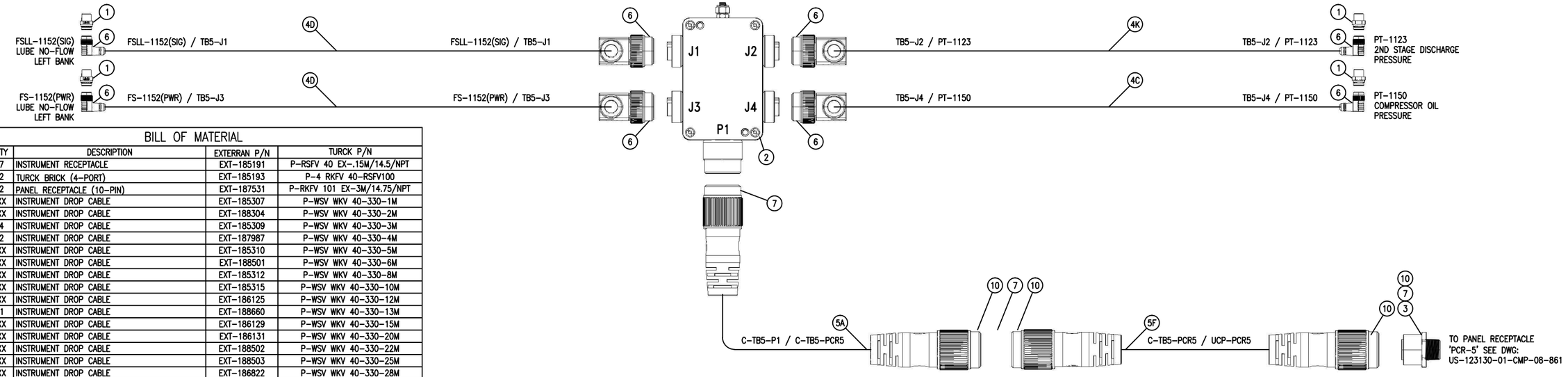
DRT-FRM-0021, REV.0

C:_Workspace\Compression\US-123000 - US-123999\US-123130-01 thru 135 (XTO DELAWARE BASIN)\08-Instrument Diagrams, Details\US-123130-01-CMP-08-860.dwg

TB-3
COMP. RIGHT NON-DRIVE END
STANDARD 4-PORT



TB-5
COMP. LEFT NON-DRIVE END
STANDARD 4-PORT



BILL OF MATERIAL

MARK	QTY	DESCRIPTION	EXTERRAN P/N	TURCK P/N
1	7	INSTRUMENT RECEPTACLE	EXT-185191	P-RSFV 40 EX-.15M/14.5/NPT
2	2	TURCK BRICK (4-PORT)	EXT-185193	P-4 RKFV 40-RSFV100
3	2	PANEL RECEPTACLE (10-PIN)	EXT-187531	P-RKFV 101 EX-3M/14.75/NPT
4A	XX	INSTRUMENT DROP CABLE	EXT-185307	P-WSV WKV 40-330-1M
4B	XX	INSTRUMENT DROP CABLE	EXT-188304	P-WSV WKV 40-330-2M
4C	4	INSTRUMENT DROP CABLE	EXT-185309	P-WSV WKV 40-330-3M
4D	2	INSTRUMENT DROP CABLE	EXT-187987	P-WSV WKV 40-330-4M
4E	XX	INSTRUMENT DROP CABLE	EXT-185310	P-WSV WKV 40-330-5M
4F	XX	INSTRUMENT DROP CABLE	EXT-188501	P-WSV WKV 40-330-6M
4G	XX	INSTRUMENT DROP CABLE	EXT-185312	P-WSV WKV 40-330-8M
4H	XX	INSTRUMENT DROP CABLE	EXT-185315	P-WSV WKV 40-330-10M
4J	XX	INSTRUMENT DROP CABLE	EXT-186125	P-WSV WKV 40-330-12M
4K	1	INSTRUMENT DROP CABLE	EXT-188660	P-WSV WKV 40-330-13M
4L	XX	INSTRUMENT DROP CABLE	EXT-186129	P-WSV WKV 40-330-15M
4M	XX	INSTRUMENT DROP CABLE	EXT-186131	P-WSV WKV 40-330-20M
4N	XX	INSTRUMENT DROP CABLE	EXT-188502	P-WSV WKV 40-330-22M
4P	XX	INSTRUMENT DROP CABLE	EXT-188503	P-WSV WKV 40-330-25M
4Q	XX	INSTRUMENT DROP CABLE	EXT-186822	P-WSV WKV 40-330-28M
4R	XX	INSTRUMENT DROP CABLE	EXT-186823	P-WSV WKV 40-330-32M
5A	1	HOMERUN CABLE (10-PIN)	EXT-186132	P-RSV RKV 101-489-3M
5B	XX	HOMERUN CABLE (10-PIN)	EXT-185338	P-RSV RKV 101-489-4M
5C	1	HOMERUN CABLE (10-PIN)	EXT-186133	P-RSV RKV 101-489-5M
5D	XX	HOMERUN CABLE (10-PIN)	EXT-187992	P-RSV RKV 101-489-6M
5E	XX	HOMERUN CABLE (10-PIN)	EXT-185339	P-RSV RKV 101-489-8M
5F	2	HOMERUN CABLE (10-PIN)	EXT-186134	P-RSV RKV 101-489-10M
5G	XX	HOMERUN CABLE (10-PIN)	EXT-186135	P-RSV RKV 101-489-12M
5H	XX	HOMERUN CABLE (10-PIN)	EXT-185341	P-RSV RKV 101-489-14M
5J	XX	HOMERUN CABLE (10-PIN)	EXT-187906	P-RSV RKV 101-489-16M
5K	XX	HOMERUN CABLE (10-PIN)	EXT-186136	P-RSV RKV 101-489-20M
6	14	INSTRUMENT DROP CABLE LOCK BOOT (90°)	EXT-185267	LOCK-MINI-ANGLE A9155
7	6	HOMERUN CABLE LOCK BOOT	EXT-185266	LOCK, MINI, B&C
8	XX	DROP CABLE END CAP - MALE	EXT-188306	RKFK-BC
9	1	DROP CABLE END CAP - FEMALE	EXT-188307	RSFK-BC
10	8	HOMERUN CABLE DUST CAP	EXT-188308	CAP-BLK-VINYL-28.58mm

EXTERRAN.
ISSUED FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	BY	CK	APP'D
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
0	ISSUED FOR CONSTRUCTION	10/29/18	DTB	JAH	JAH

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PART NO./PRODUCT I.D. NO.

EXTERRAN.
12001 NORTH HOUSTON ROSSLYN ROAD
Houston, TX, 77086 (281) 447-8787

CUSTOMER: XTO ENERGY
DELAWARE BASIN

TITLE: TURCK BLOCK DIAGRAM
ASSEMBLY & LAYOUT DETAIL

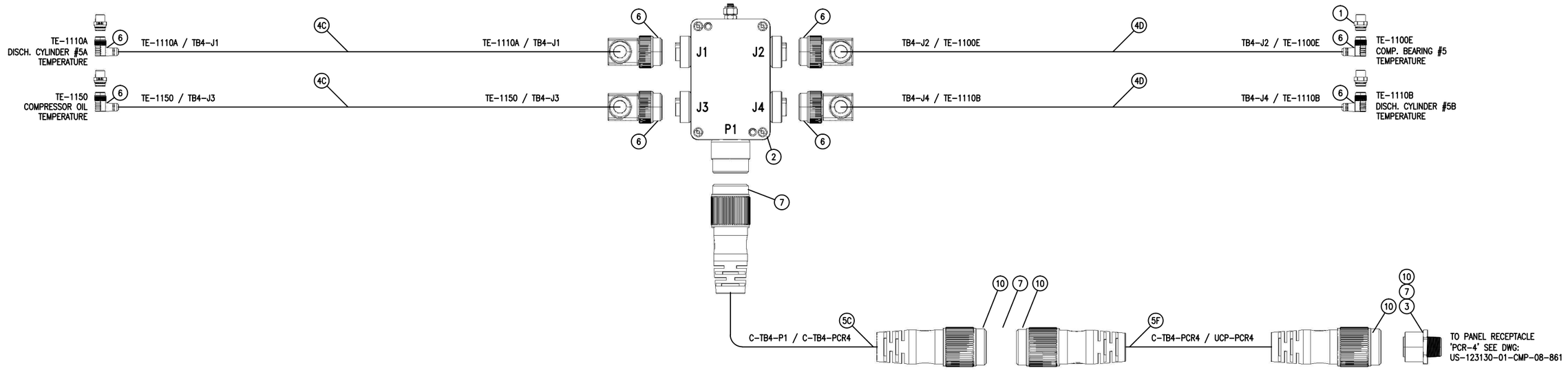
DRAWN	DATE	APPROVED	SCALE - D SIZE	NO. REQ'D
D.BOOMER	10/01/2018	J.HAEHN	N.T.S.	1/PER UNIT

DRAWING NO. US-123130-01-CMP-08-860
SHT. NO. 3 OF 14
REV. 0

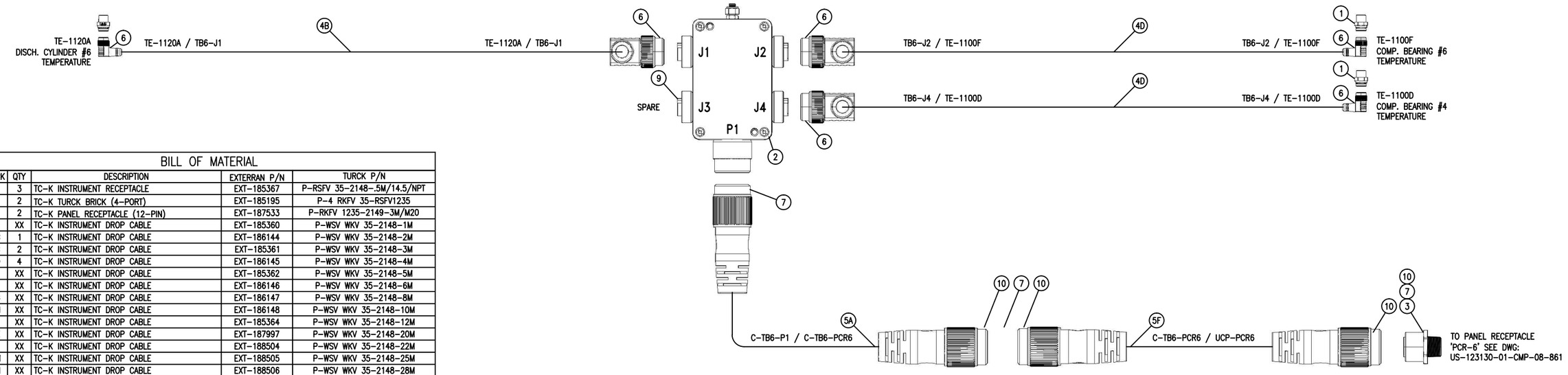
DRT-FRM-0021, REV.0

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TB-4
COMP. RIGHT NON-DRIVE END
T/C 4-PORT



TB-6
COMP. LEFT NON-DRIVE END
T/C 4-PORT



BILL OF MATERIAL

MARK	QTY	DESCRIPTION	EXTERRAN P/N	TURCK P/N
1	3	TC-K INSTRUMENT RECEPTACLE	EXT-185367	P-RSFV 35-2148-.5M/14.5/NPT
2	2	TC-K TURCK BRICK (4-PORT)	EXT-185195	P-4 RKFV 35-RSFV1235
3	2	TC-K PANEL RECEPTACLE (12-PIN)	EXT-187533	P-RKFV 1235-2149-3M/M20
4A	XX	TC-K INSTRUMENT DROP CABLE	EXT-185360	P-WSV WKV 35-2148-1M
4B	1	TC-K INSTRUMENT DROP CABLE	EXT-186144	P-WSV WKV 35-2148-2M
4C	2	TC-K INSTRUMENT DROP CABLE	EXT-185361	P-WSV WKV 35-2148-3M
4D	4	TC-K INSTRUMENT DROP CABLE	EXT-186145	P-WSV WKV 35-2148-4M
4E	XX	TC-K INSTRUMENT DROP CABLE	EXT-185362	P-WSV WKV 35-2148-5M
4F	XX	TC-K INSTRUMENT DROP CABLE	EXT-186146	P-WSV WKV 35-2148-6M
4G	XX	TC-K INSTRUMENT DROP CABLE	EXT-186147	P-WSV WKV 35-2148-8M
4H	XX	TC-K INSTRUMENT DROP CABLE	EXT-186148	P-WSV WKV 35-2148-10M
4J	XX	TC-K INSTRUMENT DROP CABLE	EXT-185364	P-WSV WKV 35-2148-12M
4K	XX	TC-K INSTRUMENT DROP CABLE	EXT-187997	P-WSV WKV 35-2148-20M
4L	XX	TC-K INSTRUMENT DROP CABLE	EXT-188504	P-WSV WKV 35-2148-22M
4M	XX	TC-K INSTRUMENT DROP CABLE	EXT-188505	P-WSV WKV 35-2148-25M
4N	XX	TC-K INSTRUMENT DROP CABLE	EXT-188506	P-WSV WKV 35-2148-28M
4P	XX	TC-K INSTRUMENT DROP CABLE	EXT-186811	P-WSV WKV 35-2148-32M
5A	1	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-186140	P-RSV RKV 1235-2149-3M
5B	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-185222	P-RSV RKV 1235-2149-4M
5C	1	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-186141	P-RSV RKV 1235-2149-5M
5D	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-187994	P-RSV RKV 1235-2149-6M
5E	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-185221	P-RSV RKV 1235-2149-8M
5F	2	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-186142	P-RSV RKV 1235-2149-10M
5G	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-187995	P-RSV RKV 1235-2149-12M
5H	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-185224	P-RSV RKV 1235-2149-14M
5J	XX	TC-K 4-PORT HOMERUN CABLE (12-PIN)	EXT-186143	P-RSV RKV 1235-2149-20M
6	14	INSTRUMENT DROP CABLE LOCK BOOT	EXT-185267	LOCK-MINI-ANGLE A9155
7	6	HOMERUN CABLE LOCK BOOT	EXT-185266	LOCK, MINI, B&C
8	XX	DROP CABLE END CAP - MALE	EXT-188306	RKFK-BC
9	1	DROP CABLE END CAP - FEMALE	EXT-188307	RSFK-BC
10	8	HOMERUN CABLE DUST CAP	EXT-188308	CAP-BLK-VINYL-28.58mm

EXTERRAN.
ISSUED FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	BY	CK	APP'D
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0	ISSUED FOR CONSTRUCTION	10/29/18	DTB	JAH	JAH

REVISIONS

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JOB. NO./W.I.P. NO./OP. STEP
...
PART NO./PRODUCT I.D. NO.

EXTERRAN.
12001 NORTH HOUSTON ROSSLYN ROAD
Houston, TX, 77086 (281) 447-8787

CUSTOMER: XTO ENERGY
DELAWARE BASIN

TITLE: TURCK BLOCK DIAGRAM
ASSEMBLY & LAYOUT DETAIL

DRAWN	DATE	APPROVED	SCALE - D SIZE	NO. REQ'D
D.BOOMER	10/01/2018	J.HAEHN	N.T.S.	1/PER UNIT

DRAWING NO. US-123130-01-CMP-08-860
SHT. NO. 4 OF 14
REV. 0

DRT-FRM-0021, REV.0

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