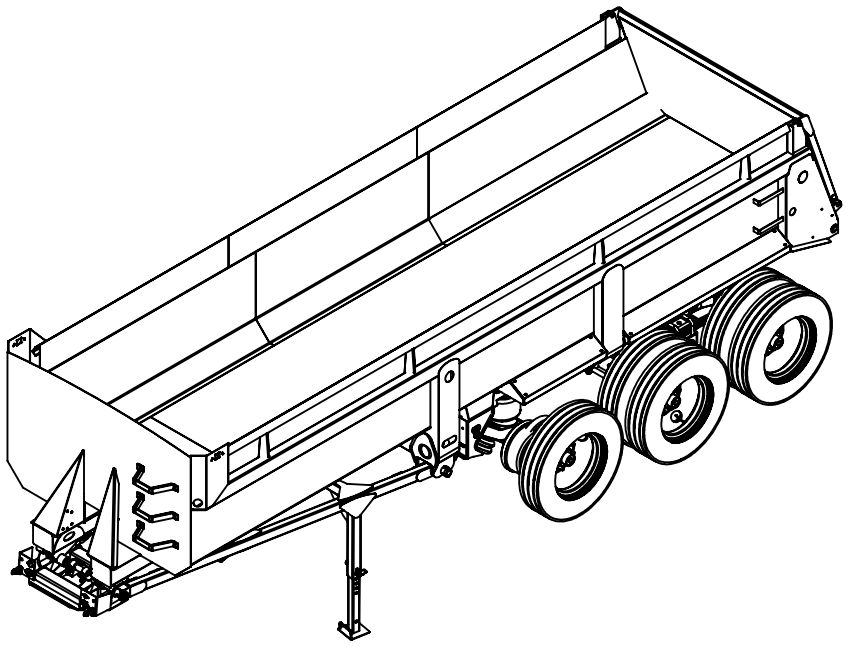
CONSTRUCTION TRAILER SPECIALISTS, Inc.

SAND MASTER
LIGHT WEIGHT END DUMP

PARTS-BOOK



2535 ROSE PARKWAY
SIKESTON, MO 63801
TOLL FREE: 888-669-0003
PH: 573-481-0941
FX: 573-481-0953
E-MAIL: parts@trailerbuilders.com
sales@trailerbuilders.com
www.constructiontrailerspecialsts.com

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TITLE:

SAND MASTER
PARTS BOOK

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DRAWN BY:	DATE:	SIZE	DRAWING #	REV
CRC	5/27/2026	A	LWED PARTS BOOK COVER & TOC	2026

MODEL: LWED MAIN MODEL

PAGE NO	DESCRIPTION
1	VIN INFO
2	77.5 Track OEM Axle
3	77.5 Track 13k OEM Axle
4	Wheel Page
5	Hutchens H900 Suspension
6	Ridewell RUL245 Suspension
7 - 8	Triple Bogey Pod H900 + RUL245
9-10	Bogey Pod, Hutchens H900
11	Nose Assembly
12	Lift Cylinder Components
13	Tub Sheets 26'
14	Tub Sheets 28'
15	Tub Sheets 32'
16	Tub Sheets 37'
17-18	Tub Subassembly 26'
19-20	Tub Subassembly 28'
21-22	Tub Subassembly 32'
23-24	Tub Subassembly 37'
25	ASY5100 Right Side Tailgate Latch Mechanism
26	ASY5101 Left Side Tailgate Latch Mechanism
27	Middle Body Brace Assembly
28	Intermediate Body Brace Assembly
29	Rear Body Brace Assembly
30-31	Standard Door Assembly
32-33	12" Bang Board Door Assembly
34	Draft Arm 26'
35	Draft Arm 28'
36	Draft Arm 32'
37	Draft Arm 37'
38	5th Wheel Assembly
39-40	Lights Wiring Harness
41	Fenders
42-43	Decals
44	Free Flow Door Latch Plumbing

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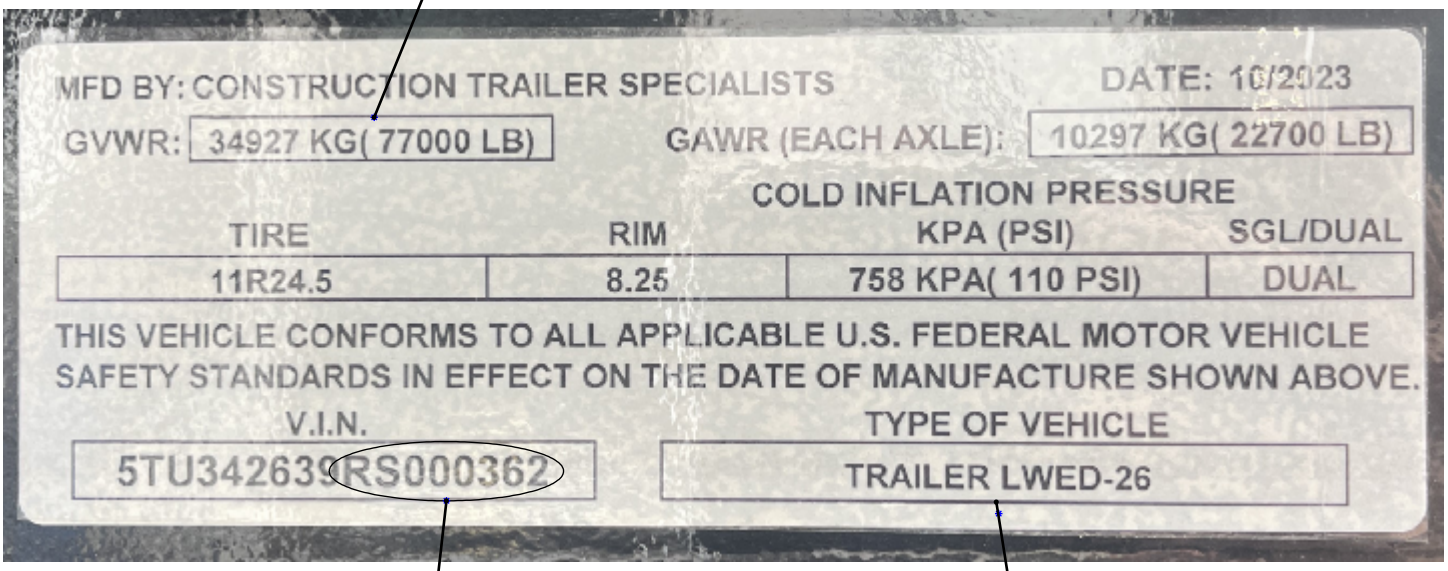
SIZE A

DRAWING # LWED PARTS BOOK COVER & TOC

REV 2026

MODEL:

GROSS VEHICLE WEIGHT RATING:
TARE WEIGHT OF TRAILER AND RATED PAYLOAD



VEHICLE IDENTIFICATION NUMBER
LAST 8 DIGITS IDENTIFY THE YEAR AND TRAILER NUMBER

TRAILER MODEL:
USEFUL FOR IDENTIFICATION OF REPLACMENT BODY PARTS

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TITLE:
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SIZE	DRAWING #	REV
A	LWED VIN INFO	1

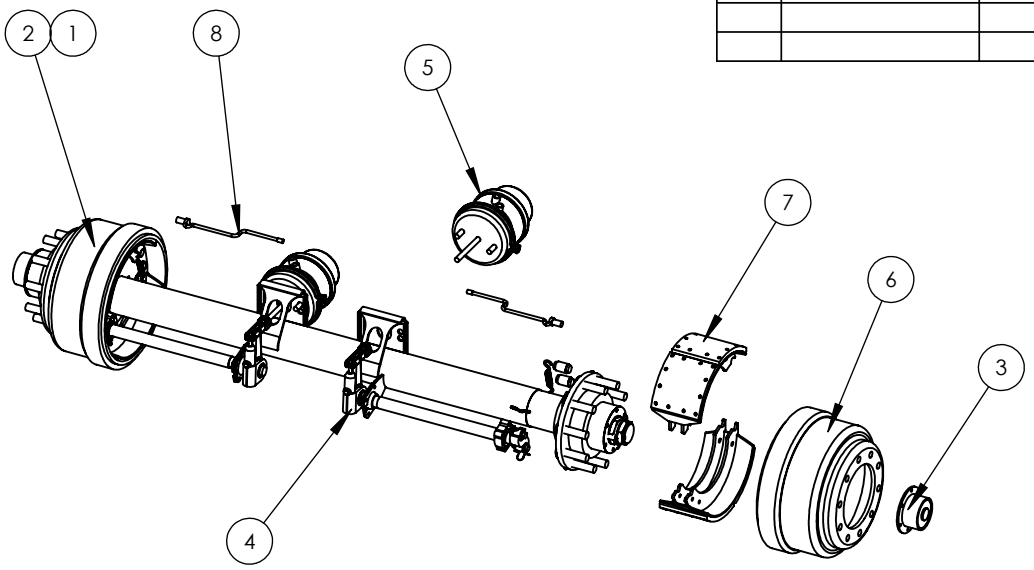
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DRAWN BY: CRC
DATE: 5/11/2026
MODEL:

STANDARD TANDEM AXLE TRAILERS WILL HAVE 2S1M BRAKE SYTEMS AND A BEAM RATING OF 25K. tHE TANDEM CONFIGURATION IS MADE UP OF AN ABS SENSOR EQUIPPED AXLE AND ONE NON ABS SENSOR EQUIPPED AXLE.

OPTIONAL 13K 3RD AXLE SHOWN ON NEXT PAGE

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	AXL 2AXL00532	OEM AXLE ASSEMBLY: 77.5 TRACK AXLES 25K BEAM, 23K SHOES, TAPERED SPINDLE, NON-ABS	1
2	AXL 2AXL00531	OEM AXLE ASSEMBLY: 77.5 TRACK AXLES 25K BEAM, 23K SHOES, TAPERED SPINDLE, ABS	1
3	AXL 3434009	TAPER SPINDLE Stemco oil hub cap with side fill plug	2
4	AXL R801074	6" Meritor style slack adjuster	2
5	BRK 3030GTS	30 / 30 Spring Chamber	2
6		BRAKE DRUM	2
7		BRAKE SHOE	4
8	BRK 441 032 808 0	ABS Sensor - 1.3' Cable	2
			Q



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TITLE:
77.5 TRACK OEM AXLE

SIZE	DRAWING #	REV
A	77.5 track oem axle	1

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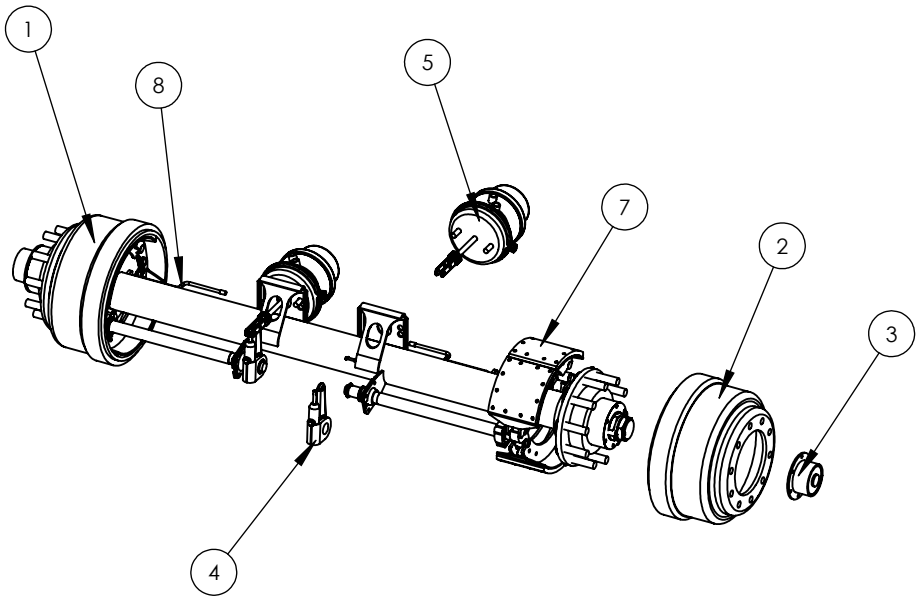
DATE: 5/28/2026

MODEL: 102inchaxle

OPTIONAL 13K 3RD AXLE SHOWN

- 22.5K BEAM RATING
- 77.5" TRACK
- LIGHT WEIGHT HUBS AND DRUMS
- 30 SINGLE CHAMBERS
- NO ABS SENSORS

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	AXL 071119	CTS LITE WEIGHT AXLE NON ABS	1
2	AXL 53123537002	Centerfuse - Hub Piloted Drum	2
3	AXL 3434009	Stemco oil hub cap with side fill plug	2
4	AXL R801074	6" Meritor style slack adjuster	2
5	BRK A3000	Service Brake Chamber Type 30	2
			2



CONSTRUCTION TRAILER SPECIALISTS, INC.
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TITLE: 77.5 TRACK 13K OEM AXLE

SIZE	DRAWING #	REV
A	77.5 track 13K oem axle	1

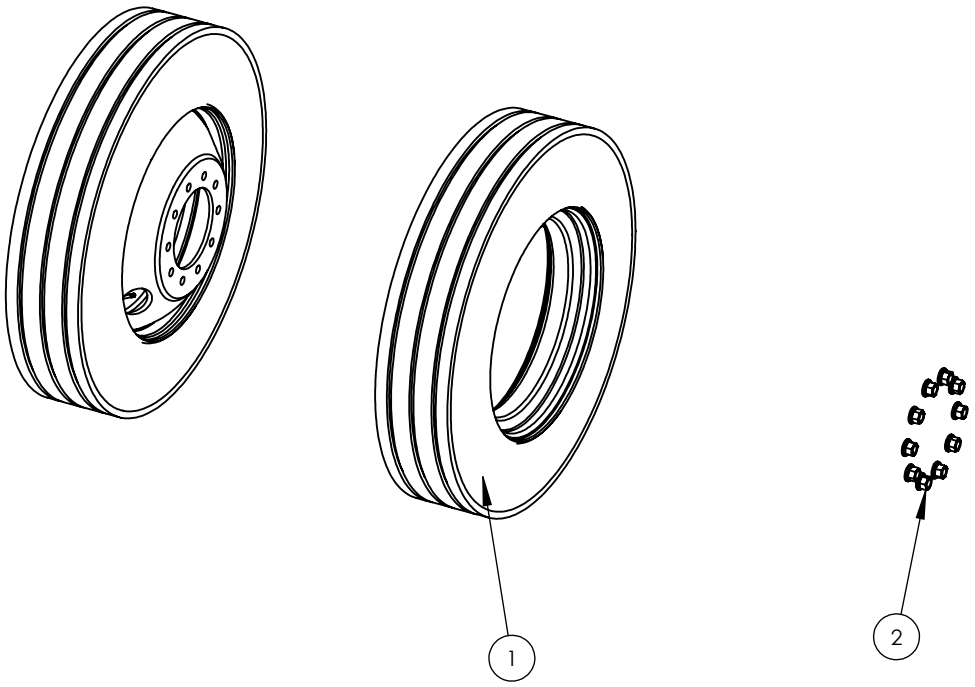
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DRAWN BY: CRC

DATE: 5/28/2026

MODEL: 102inchaxle

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ITEM NO.	PART NO.	DESCRIPTION	TANDEM QTY.	TRIPLE QTY.
1	N/A	TIRE / WHEEL COMBO	8	10
2	WHL 179933	LUG NUT, Thread: M22 x 1.5", Height: 31mm, Hex: 33mm, Flange OD: 48mm	40	60
				Q

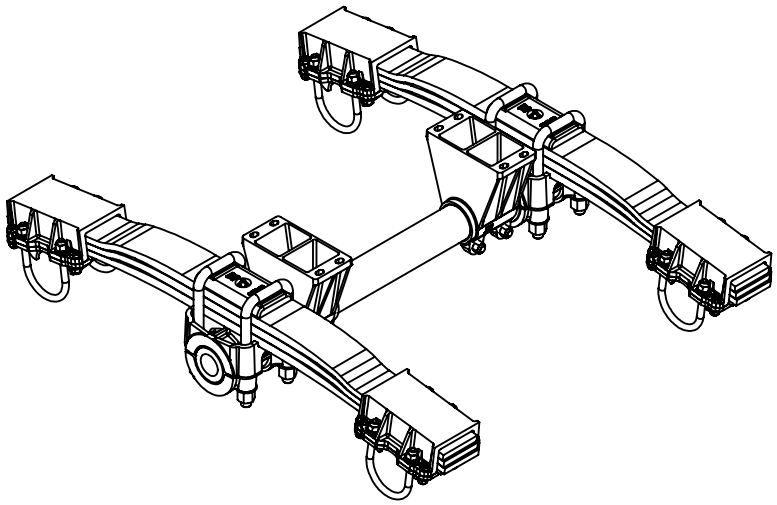
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TITLE:
CONSTRUCTION TRAILER SPECIALISTS, Inc.
PARTS BOOK

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DRAWN BY: CRC | DATE: 5/28/2026 | SIZE: A | DRAWING #: WHEEL PAGE | REV: 1

MODEL: 24.5duals



HUTCHENS H900 SUSPENSION
CONFIGURED FOR BOGIE POD TRAILERS
SEE CONSTRUCTION TRAILER SPECIALISTS
SUSPENSION PARTS BOOK "APPENDIX E"

CONSTRUCTION TRAILER SPECIALISTS, INC.
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TITLE:

SAND MASTER
PARTS BOOK

SIZE	DRAWING #	REV
A	LWED H900	1

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DATE: 6/1/2026

MODEL: 12943-36

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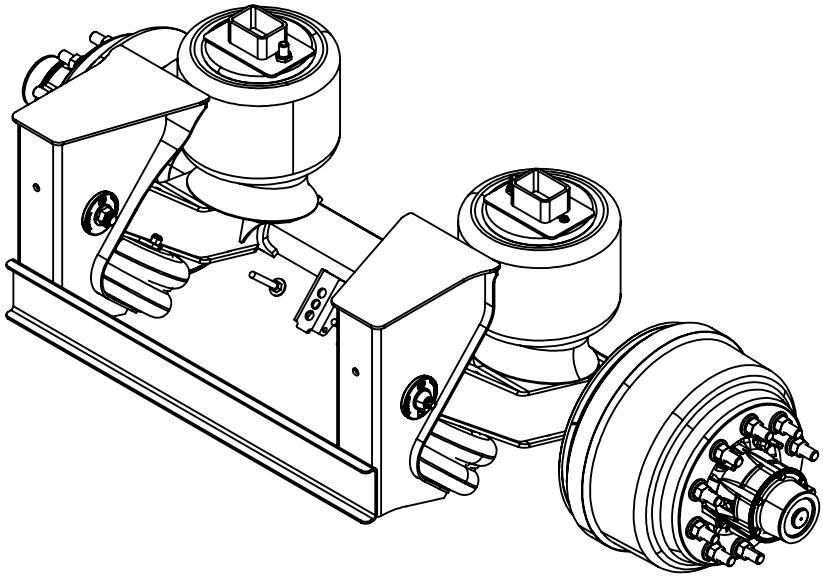
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TITLE:

SAND MASTER
PARTS BOOK

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DRAWN BY:	DATE:	SIZE	DRAWING #	REV
CRC	6/1/2026	A		1



RIDEWELL RUL245 SUSPENSION
CONFIGURED FOR TRI BOGIE POD
TRAILERS SEE CONSTRUCTION TRAILER
SPECIALISTS SUSPENSION PARTS BOOK
"APPENDIX G"

CONSTRUCTION TRAILER SPECIALISTS, INC.
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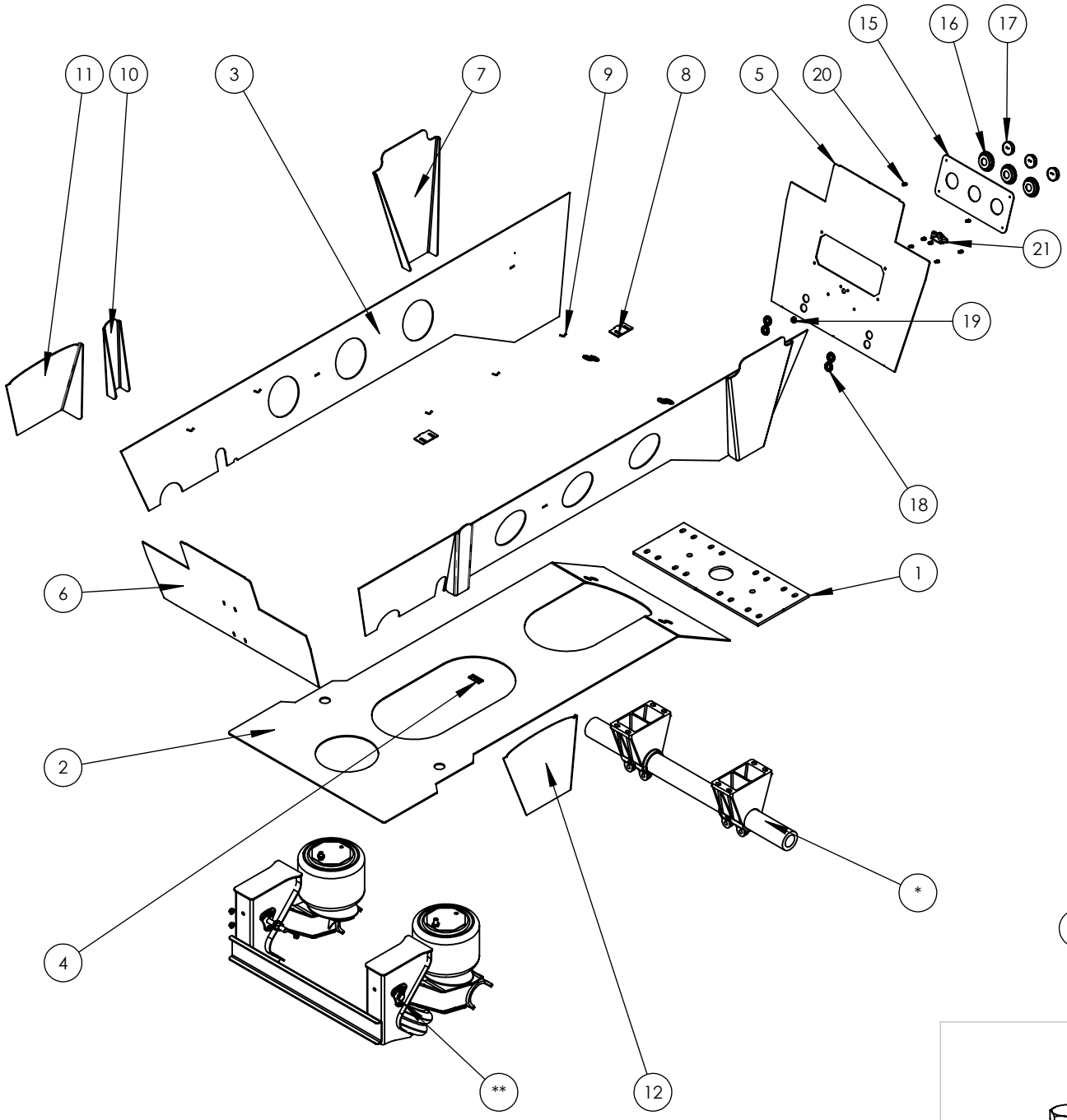
TITLE:

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DRAWN BY:	DATE:	SIZE	DRAWING #	REV
CRC	5/12/2026	A	LWED RUL245	1

MODEL: 2450420-H Narrow Track



* SUSPENSION COMPONENTS PROVIDED BY OUTSIDE SUPPLIER, CONSTRUCTION TRAILER SUBFRAME AND SUSPENSION PARTS BOOK, SEE APPENDIX "E" FOR SUSPENSION COMPONENTS PART NUMBERS

** SUSPENSION COMPONENTS PROVIDED BY OUTSIDE SUPPLIER, CONSTRUCTION TRAILER SUBFRAME AND SUSPENSION PARTS BOOK, SEE APPENDIX "G" FOR SUSPENSION COMPONENTS PART NUMBERS

TRIPLE AXLE BOGEY POD SHOWN (ASY0128) ONLY USED ON LIGHT WEIGHT END DUMP TRAILERS (LWED)

CONSTRUCTION TRAILER SPECIALISTS, INC.
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888-669-0003, FX: 573-481-0941

TITLE:

SAND MASTER
PARTS BOOK

SIZE	DRAWING #	REV
A	LWED ASY0128-PB	1

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DRAWN BY: CRC

DATE: 5/27/2026

MODEL: TRIPLE BOGEYPOD

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MFG0143	BOGEYPOD BOTTOM	1
2	MFG4110	TRIPPLE BP BOTTOM PLATE 1/4"	1
3	MFG4101	3/16" LWED BOGEYPOD SIDE PLATE	2
4	SD WPT-3	WELD PLATE FOR 5/8" HOSE	1
5	MFG1140	LWED BP REAR PLATE	1
6	MFG4104	TRIPPLE AXLE LWED BP FRONT PLATE	1
7	MFG1141	LWED BOGEY POD SIDE CHANNEL	2
8	MFG4055	NEW BP BRAKE TANK MOUNT	4
9	MFG2200	WIRING CABLE CLAMP	10
10	MFG1293	TBP AIR BAG CHANNEL	2
11	MFG4109	TRIPLE AXLE BP AIR RIDE CHAN RIGHT	1
12	MFG1292	TRIPLE AXLE BP AIR RIDE CHAN LEFT	1
15	MFG0150-A	ALUM BOGEY POD REAR COVER	1
16	LTS 91410	GROMMET FLUSH CLEARANCE	3
17	LTS 45812-3	CLEARANCE LIGHT RED	3
18	MIC 43206	RUBBER GROMMET	8
19	MIC 9307K62	Grommet 1/2" ID x 13/16" Hole x 3/16" Panel	1
20	LTS 60781	GROTE LICENSE PLATE LIGHT	1
21	N&B CRX306-TIL	Zinc-Plated Steel Heavy-Duty Rivet Nut	8
22	BKT-0051	BOGEY POD LIGHTS HARDWARE BOLT KIT	1

CONSTRUCTION TRAILER SPECIALISTS, INC.
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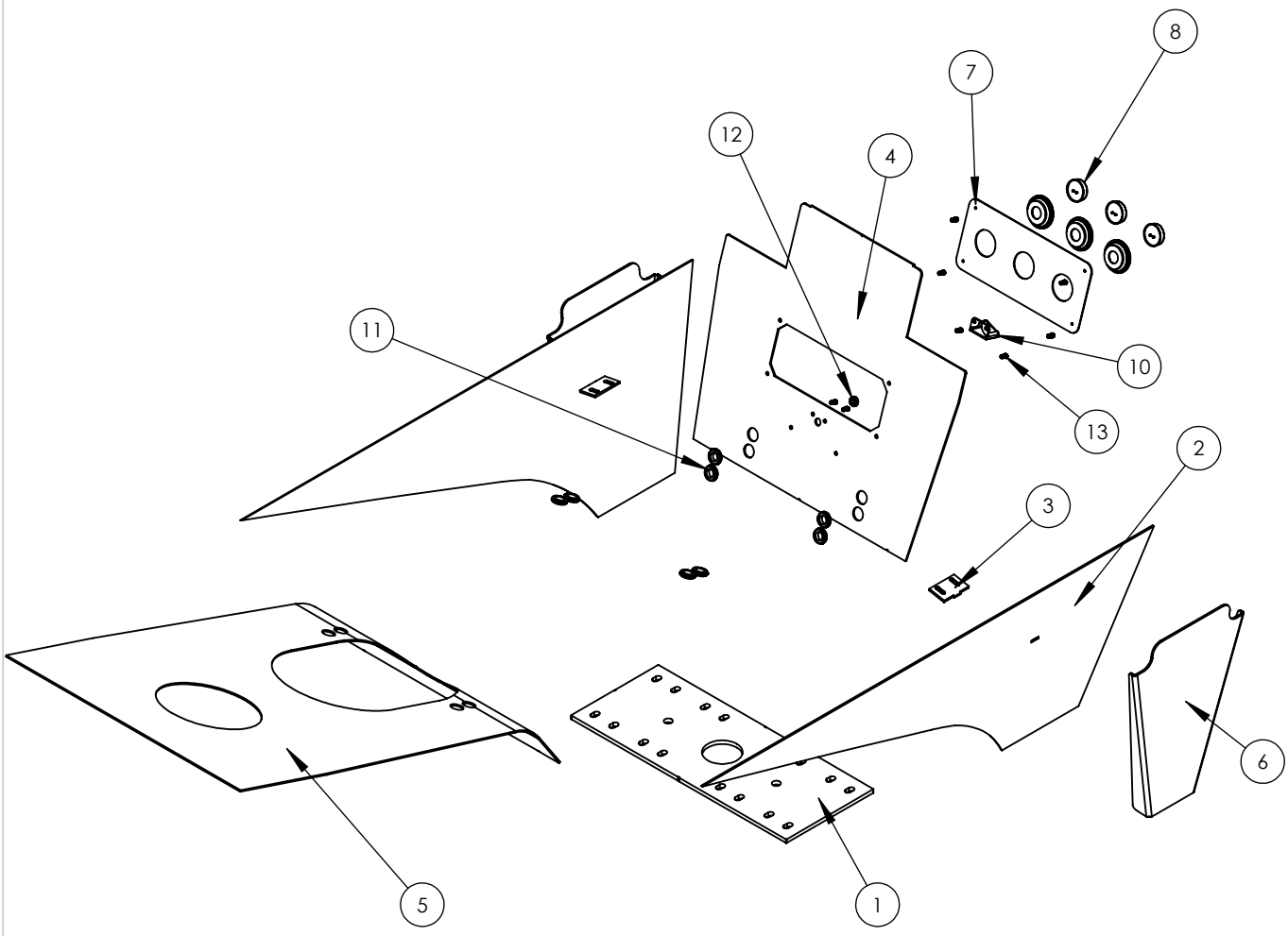
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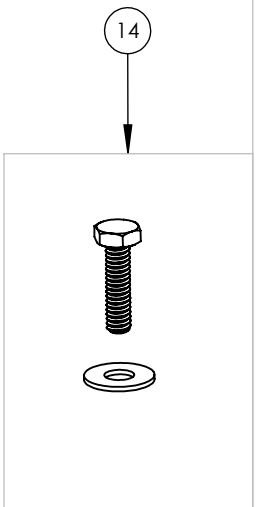
SIZE A

DRAWING # LWED ASY0128-PB

REV 1

MODEL: TRIPLE BOGEYPOD





BOGEY POD ONLY USED WITH H900 SUSPENSION.
SEE APPENDIX "E" FOR SUSPENSION PARTS

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PARTS BOOK

SIZE	DRAWING #	REV
A	LWED ASY0113-PB	1

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DATE: 6/1/2026

MODEL: BOGEYPOD ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MFG0143	BOGEYPOD BOTTOM	1
2	MFG4131	LWED BOGEYPOD SIDE PLATE	2
3	MFG4055	NEW BP BRAKE TANK MOUNT	2
4	MFG4105	TRIPLE AXLE LWED BP REAR PLATE	1
5	MFG1190	BOGEYPOD FRONT PLATE	1
6	MFG1141	LWED BOGEY POD SIDE CHANNEL	2
7	MFG0150-A	ALUM BOGEY POD REAR COVER	1
8	LTS 45812-3	CLEARANCE LIGHT RED	3
9	LTS 91410	GROMMET FLUSH CLEARANCE	3
10	LTS 60781	GROTE LICENSE PLATE LIGHT	1
11	MIC 43206	RUBBER GROMMET	8
12	MIC 9307K62	Grommet 1/2" ID x 13/16" Hole x 3/16" Panel	1
13	N&B CRX306-TIL	Zinc-Plated Steel Heavy-Duty Rivet Nut	8
14	BKT-0051	BOGEY POD LIGHTS HARDWARE BOLT KIT	1

BOGEY POD ONLY USED WITH H900 SUSPENSION.
SEE APPENDIX "E" FOR SUSPENSION PARTS

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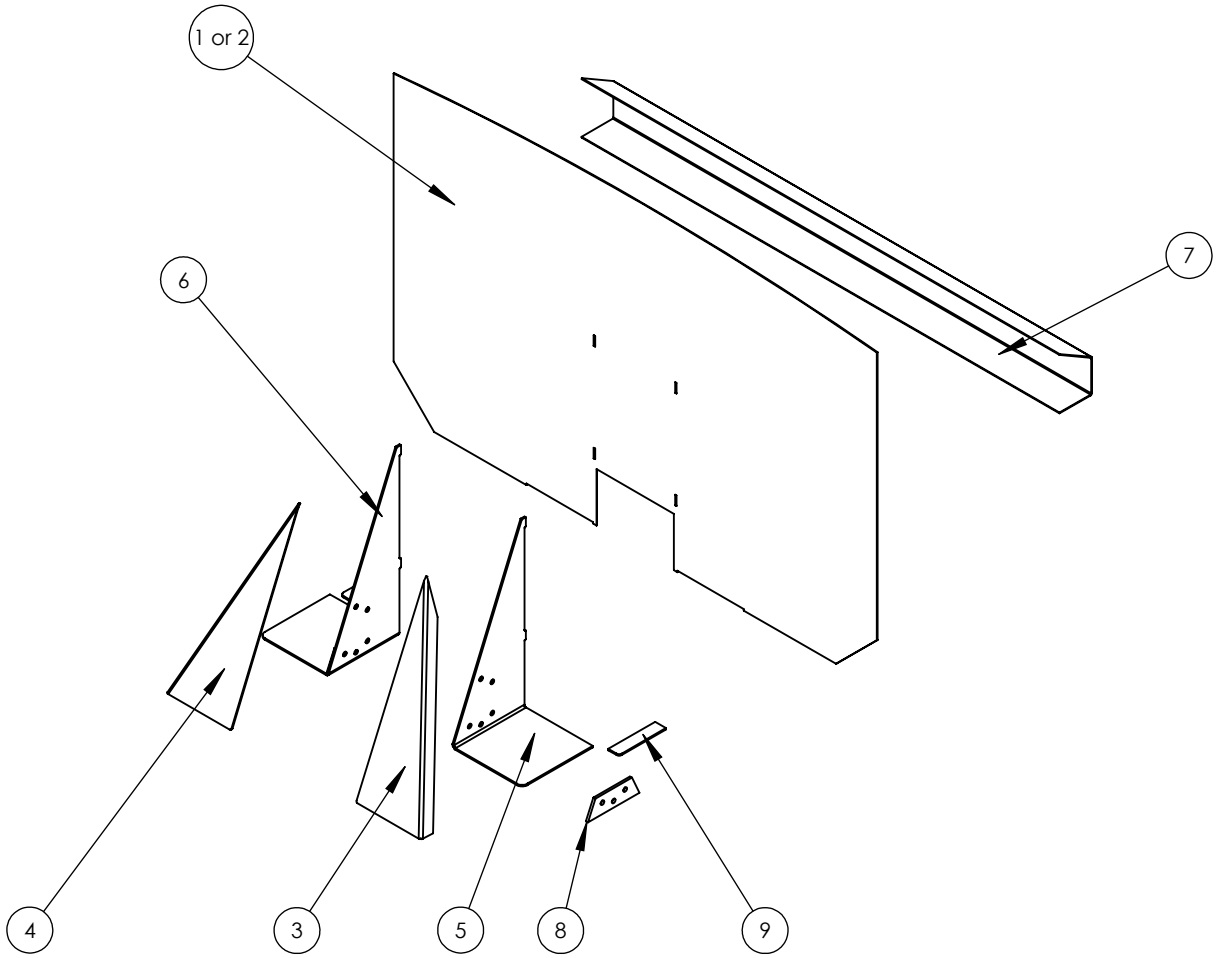
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DATE: 6/1/2026
SIZE A
DRAWING # LWED ASY0113-PB
REV 1

MODEL: BOGEYPOD ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	ASY5107 QTY	ASY5450 QTY
1	MFG1255	LWED NOSE PLATE 12" BANGBOARDS	1	0
2	MFG1000	LWED NOSE PLATE STANDARD TRAILER	0	1
3	MFG1260	LEFT SIDE GUSSET	1	1
4	MFG1261	RIGHT SIDE GUSSET	1	1
5	MFG1258	LEFT SIDE MOUNT	1	1
6	MFG1259	RIGHT SIDE MOUNT	1	1
7	MFG1076	FRONT CHANNEL	1	1
8	MFG1262	BACK UP PLATE	2	2
9	MFG1263	STIFFENER PLATE	2	2



- LWED TRAILERS WITH 12" STEEL BANG-BOARDS MUST USE NOSE ASSEMBLY ASY5107, ALL OTHER VARIANTS USE NOSE ASSEMBLY ASY5450
- BOLT IN UPPER CYLINDER MOUNTS LOCATED ON LIFT CYLINDER PAGE

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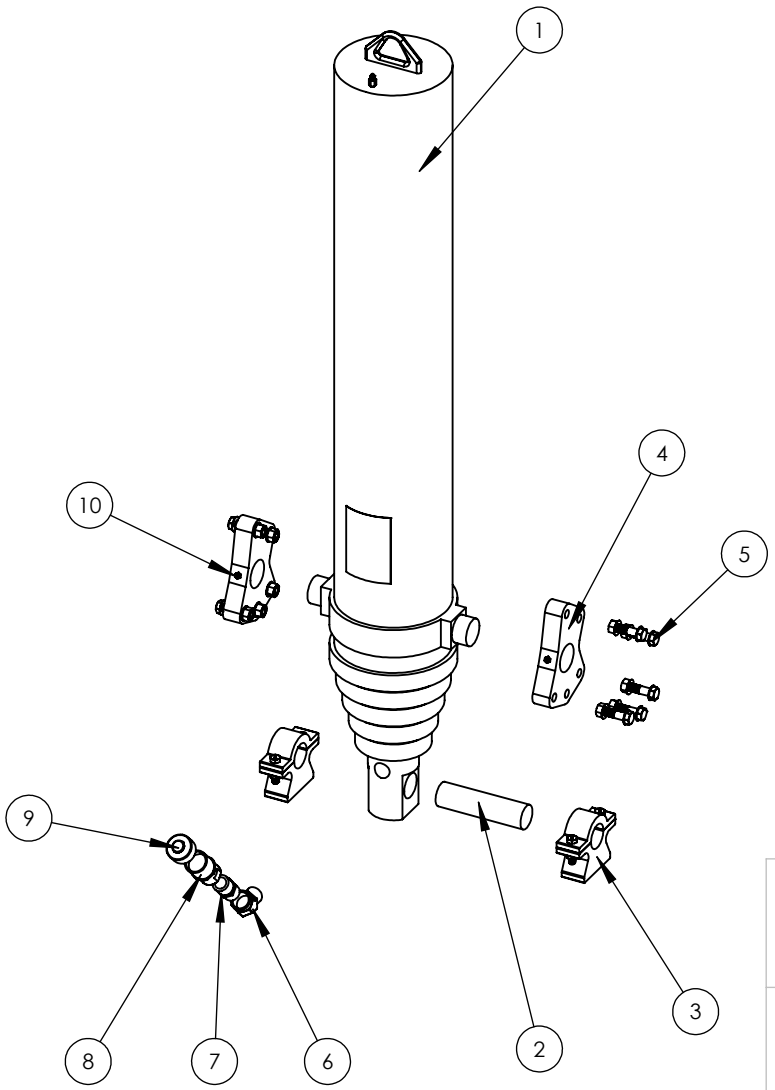
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DRAWN BY: CRC | DATE: 5/21/2026

SIZE A | DRAWING # LWED NOSE ASSEMBLY | REV 1

MODEL: LWED NOSE ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	LWED 26 QTY.	LWED 28 QTY.	LWED 32 QTY.	LWED 37 QTY.
1	HYD 85-4526-180	180" STROKE, Trunnion Mount Telescopic CyL.	1			
	HYD 85-4526-200	200" STROKE, Trunnion Mount Telescopic CyL.		1		
	HYD 85-4526-235	235" STROKE, Trunnion Mount Telescopic CyL.			1	
	HYD 85-4526-265	265" STROKE, Trunnion Mount Telescopic CyL.				1
2	MFG0182	LOWER CYLINDER MOUNT PIN	1	1	1	1
3	ASY5029	LOWER CYLINDER MOUNT ASSEMLBY	2	2	2	2
4	MFG4045	BOLT IN UPPER CYLINDER MOUNT	2	2	2	2
5	BKT0013	BOLT IN UPPER CYLINDER MOUNT BOLT KIT	1	1	1	1
6	HYD H3359X16	1" 45 Deg Street Elbow	1	1	1	1
7	HYD H3069X16	1" Hex Union (Nipple)	1	1	1	1
8	HYD QDWC161	1" Male Coupler	1	1	1	1
9	HYD QDDC161	1" Dust Cap	1	1	1	1



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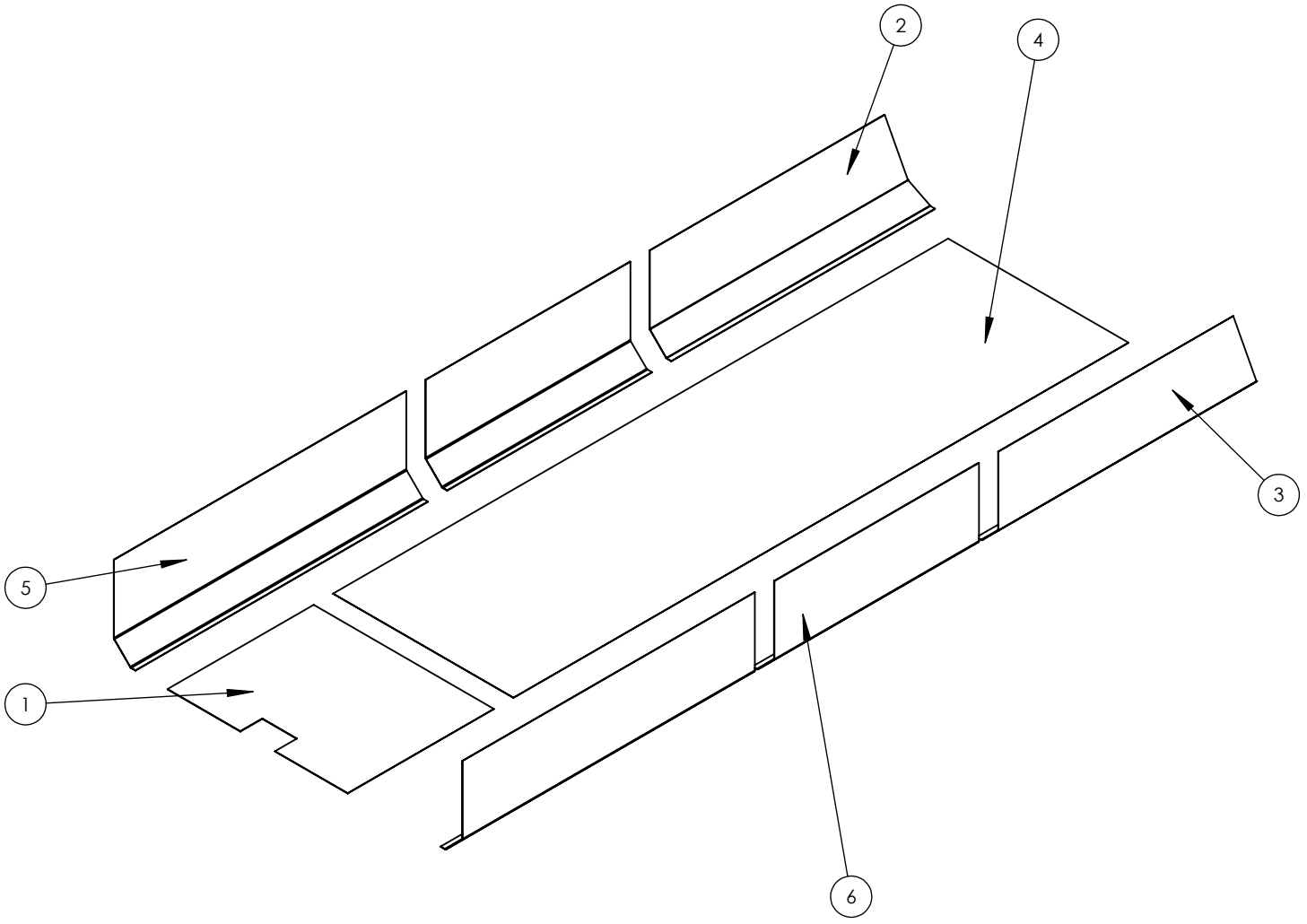
SIZE A

DRAWING # LWED cyl components

REV 1

MODEL: CUSTOM HOIST 235 CYL ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MFG1302	26-28 FOOT LWED FRONT TUB SECTION	1
2	MFG1299	LWED REAR TUB SECTION RIGHT	1
3	MFG1298	LWED REAR TUB SECTION LEFT	1
4	MFG1303	26 FOOT LWED REAR TUB SECTION	1
5	MFG1295	120 INCH LWED TUB SECTION	2
6	MFG1294	84 INCH LWED TUB SECTION	2



SAND MASTER TUB SHEETS 26' TRAILER

CONSTRUCTION TRAILER SPECIALISTS, INC.
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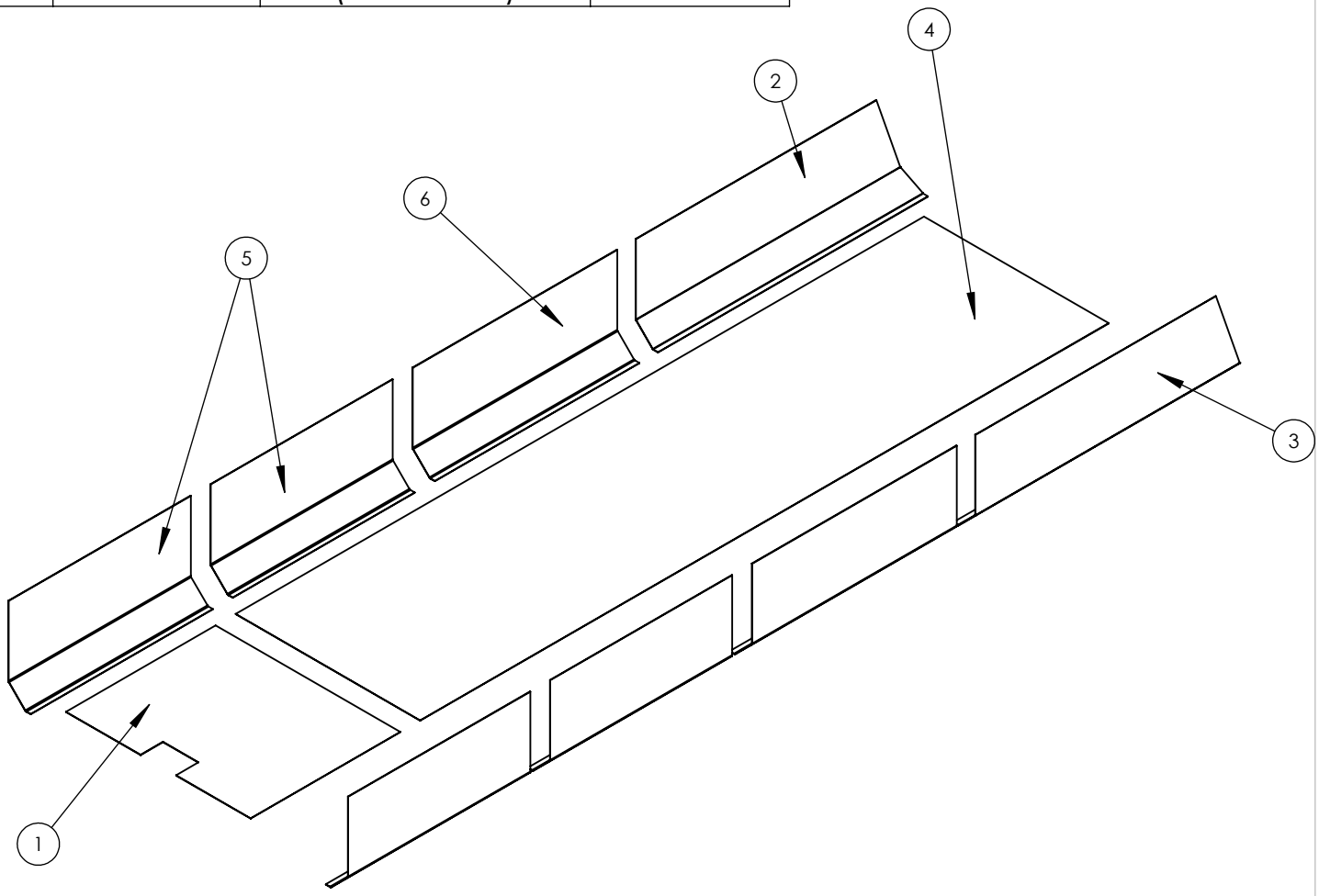
SIZE **A**

DRAWING # LWED TUB SHEETS

REV 1

MODEL: LWED TUB ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MFG1302	26-28 FOOT LWED FRONT TUB SECTION	1
2	MFG1299	LWED REAR TUB SECTION RIGHT	1
3	MFG1298	LWED REAR TUB SECTION LEFT	1
4	MFG1301	28-37 FOOT LWED REAR TUB SECTION	1
5	MFG1312	73" TUB SECTION (28'TRAILER)	4
6	MFG1314	82" TUB SECTION (28'TRAILER)	2



SAND MASTER TUB SHEETS 28' TRAILER

CONSTRUCTION TRAILER SPECIALISTS, INC.
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888-669-0003, FX: 573-481-0941

TITLE:
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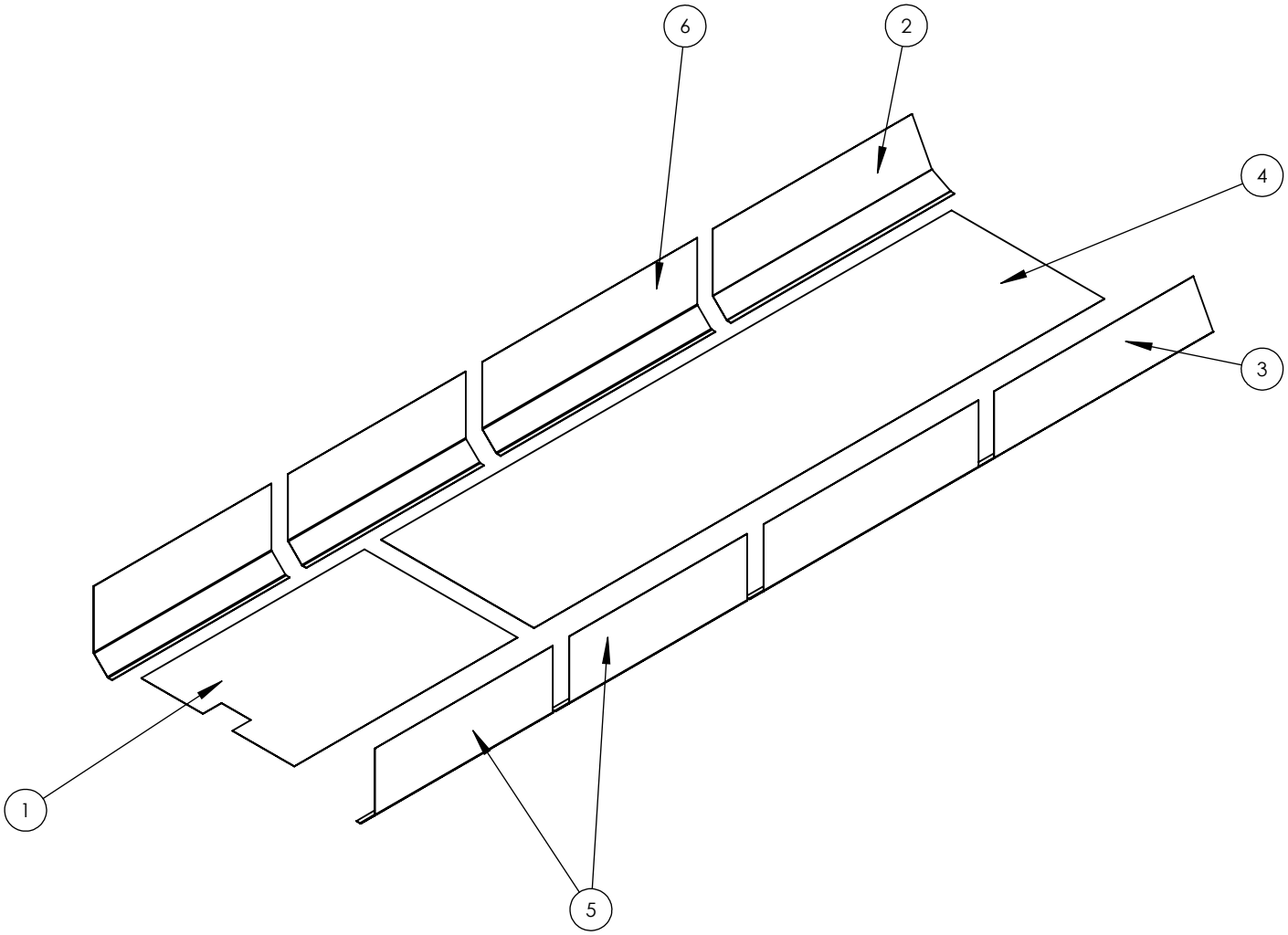
SIZE	DRAWING #	REV
A	LWED TUB SHEETS	1

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DRAWN BY: CRC DATE: 5/26/2026

MODEL: LWED TUB ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	32' FRONT SECTION TUB	LWED TUB FRONT SECTION	1
2	MFG1299	LWED REAR TUB SECTION RIGHT	1
3	MFG1298	LWED REAR TUB SECTION LEFT	1
4	MFG1301	28-37 FOOT LWED REAR TUB SECTION	1
5	MFG5395	96" LWED TUB SHEET, (32' TRAILER)	4
6	MFG5396	104" LWED TUB SHEET, (32' TRAILER)	2



SAND MASTER TUB SHEETS 32' TRAILER

CONSTRUCTION TRAILER SPECIALISTS, INC.
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DATE: 5/26/2026

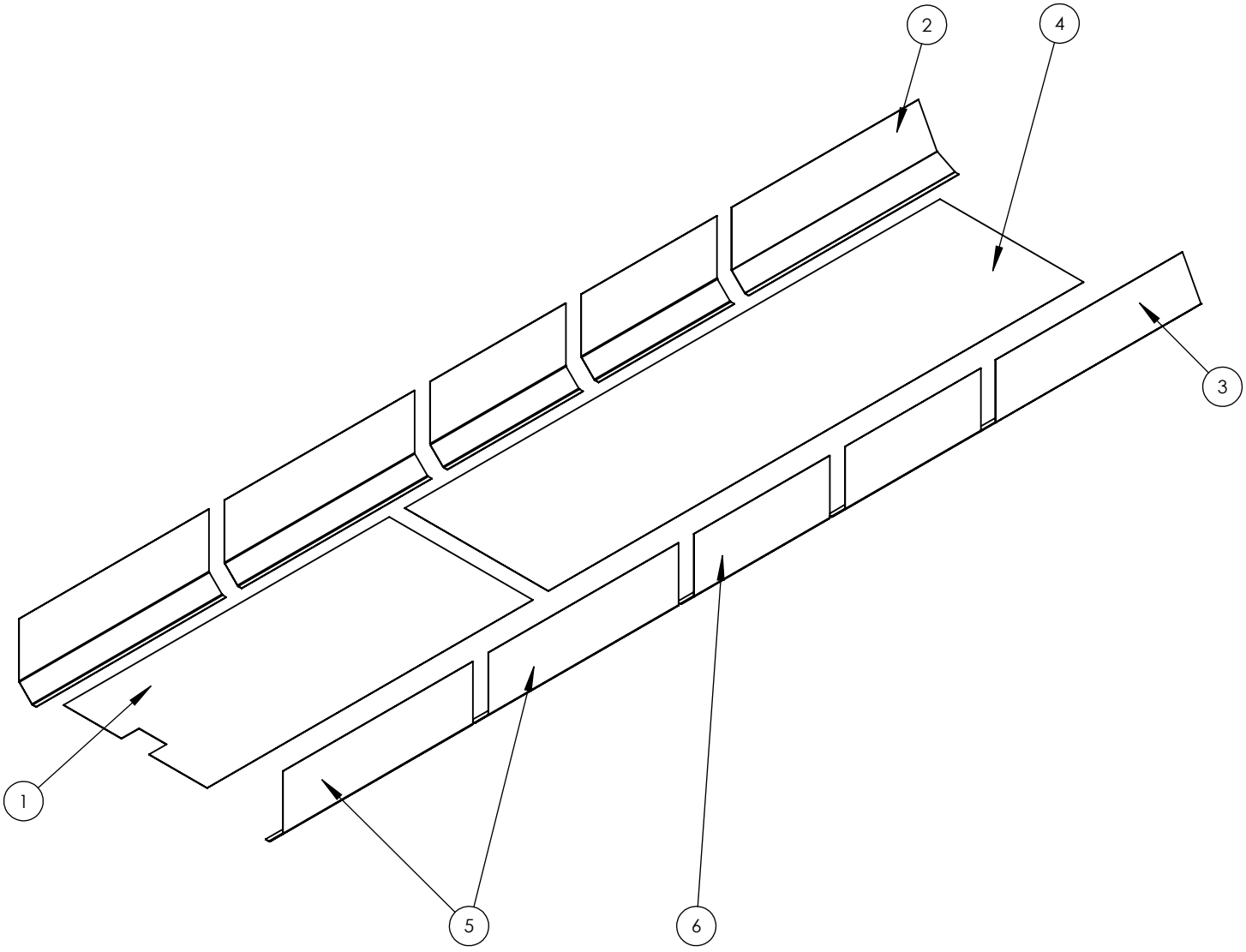
SIZE: A

DRAWING #: LWED TUB SHEETS

REV: 1

MODEL: LWED TUB ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MFG1300	37 FOOT LWED FRONT TUB SECTION	1
2	MFG1299	LWED REAR TUB SECTION RIGHT	1
3	MFG1298	LWED REAR TUB SECTION LEFT	1
4	MFG1301	28-37 FOOT LWED REAR TUB SECTION	1
5	MFG1297	98 INCH LWED TUB SECTION	4
6	MFG1296	70 INCH LWED TUB SECTION	4



SAND MASTER TUB SHEETS 37' TRAILER

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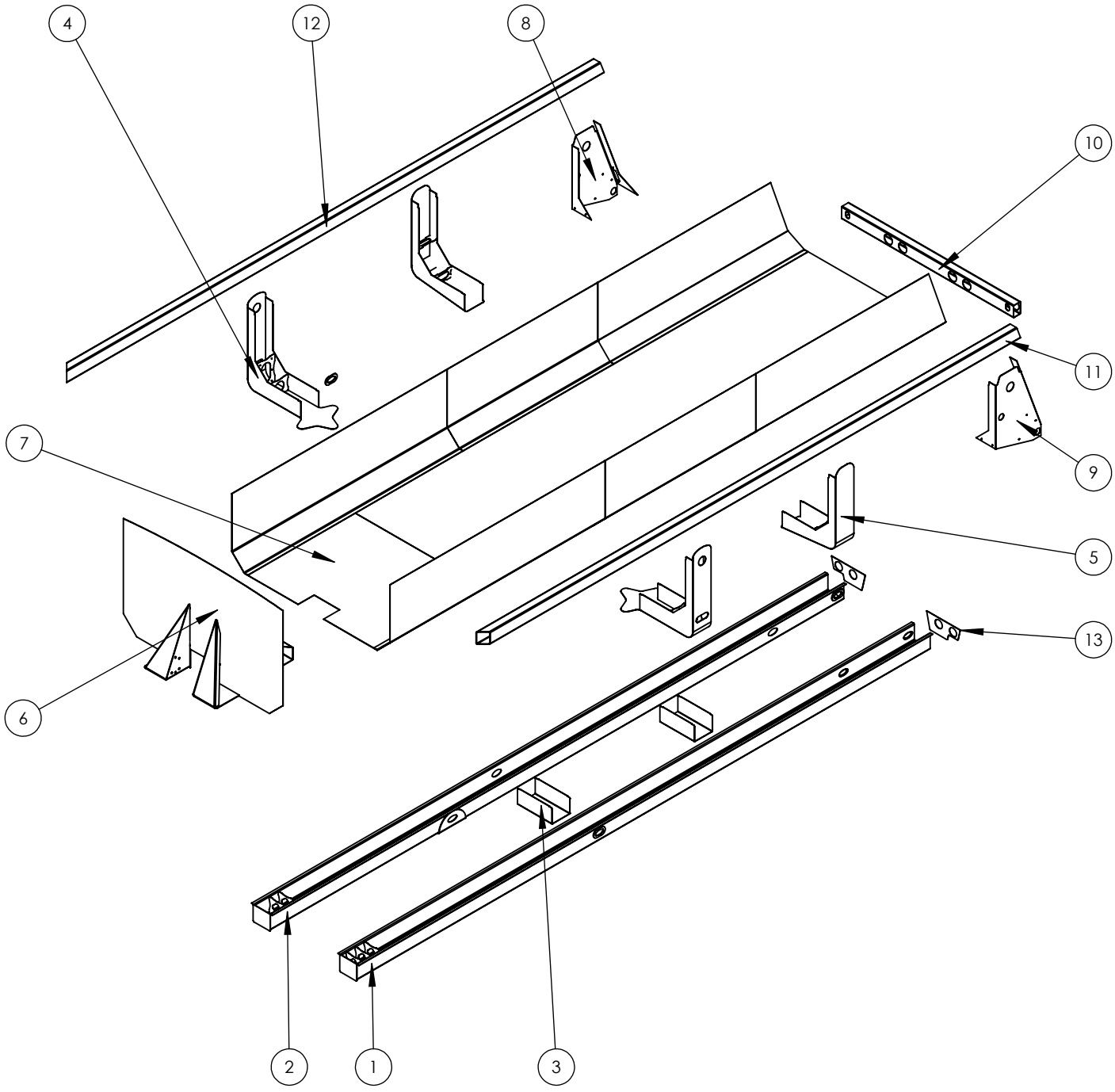
DATE: 5/26/2026

SIZE **A**

DRAWING # LWED TUB SHEETS

REV 1

MODEL: LWED TUB ASSEMBLY



MODEL NO. LWED 26

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DRAWN BY:	DATE:	SIZE	DRAWING #	REV
CRC	5/26/2026	A	LWED TUB SUB ASSEMBLY	2025

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ASY5686-L	26' LWED LONGITUDINAL SUB ASSEMBLY LEFT	1
2	ASY5686-R	26' LWED LONGITUDINAL SUB ASSEMBLY RIGHT	1
3	MFG1148	LWED MBB CROSS MEMBER	2
4	ASY5680-PB	LWED MBB ASSEMBLY	2
5	ASY5682	LWED RBB ASSEMBLY	2
6	ASY5107	LWED NOSE ASSEMBLY	1
7	ASY0810	26' LWED TUB ASSEMBLY	1
8	MFG1063	LWED RBB UPPER RIGHT	1
9	MFG1064	LWED RBB UPPER LEFT	1
10	MFG1093	LWED LIGHT TUBE	1
11	MFG1280	LWED TUBE TOP RAIL LEFT (26')	1
12	MFG1281	LWED TUBE TOP RAIL RIGHT (26')	1
13	MFG1235	LIGHT TUBE REAR ACC WELD PL	2

MODEL NO. LWED 26

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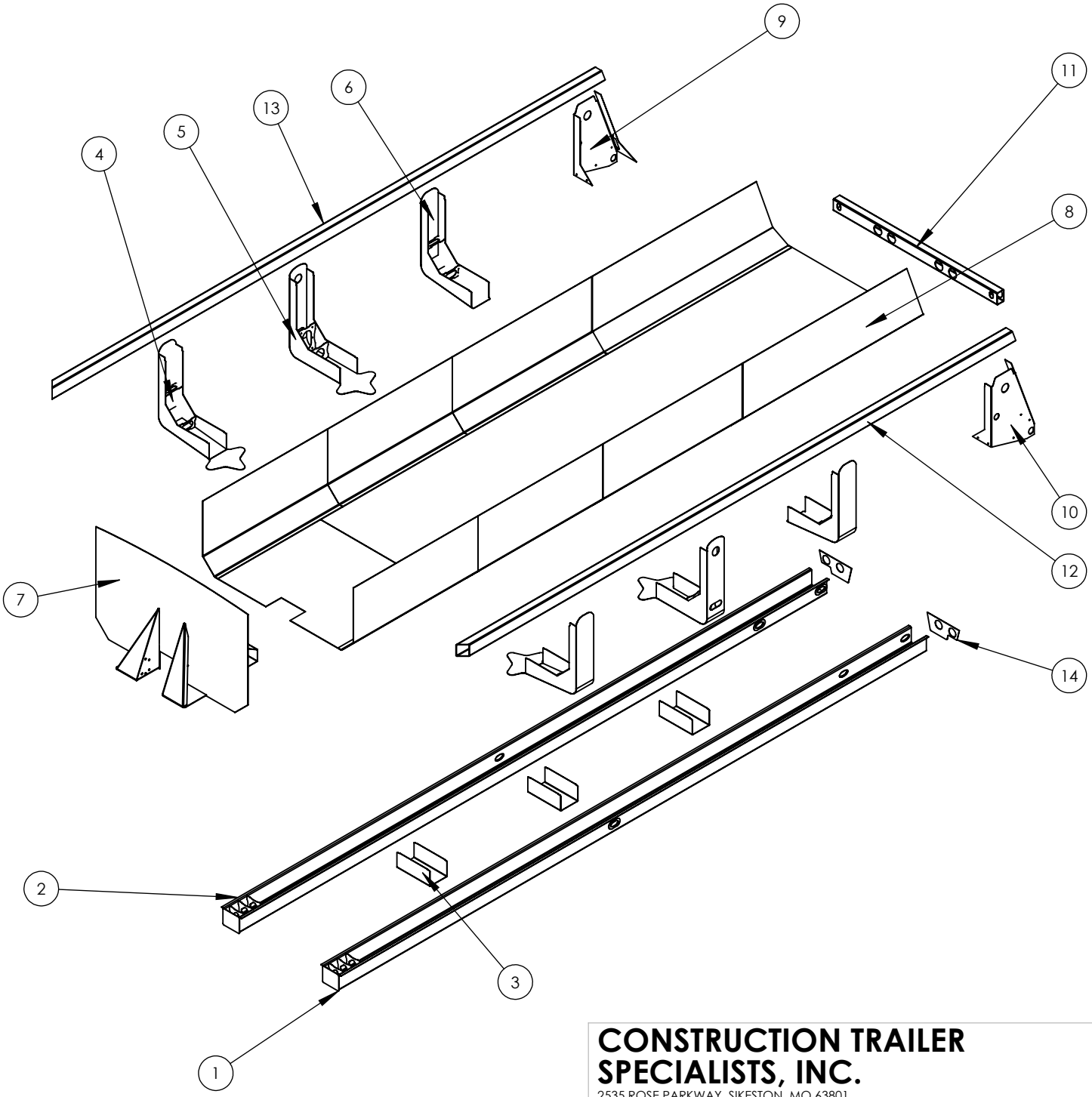
DATE: 5/26/2026

SIZE A

DRAWING # LWED TUB SUB ASSEMBLY

REV 1

MODEL: LWED TUB SUB ASSEMBLY



MODEL NO. LWED 28

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SIZE	DRAWING #	REV
A	LWED TUB SUB ASSEMBLY	1

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DATE: 5/26/2026

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ASY5687-L	28' LWED LONGITUDINAL SUB ASSEMBLY LEFT	1
2	ASY5687-R	28' LWED LONGITUDE RIGHT	1
3	MFG1148	LWED MBB CROSS MEMBER	3
4	ASY5681	LWED IBB ASSEMBLY	2
5	ASY5680-PB	LWED MBB ASSEMBLY	2
6	ASY5682	LWED RIBB ASSEMBLY	2
7	ASY5107	LWED NOSE ASSEMBLY	1
8	ASY0811	28' LWED TUB WELDMENT	1
9	MFG1063	LWED RBB UPPER RIGHT	1
10	MFG1064	LWED RBB UPPER LEFT	1
11	MFG1093	LWED LIGHT TUBE	1
12	MFG1282	LWED TUBE TOP RAIL LEFT (28')	1
13	MFG1283	LWED TUBE TOP RAIL RIGHT (28')	1
14	MFG1235	LIGHT TUBE REAR ACC WELD PL	2

MODEL NO. LWED 28

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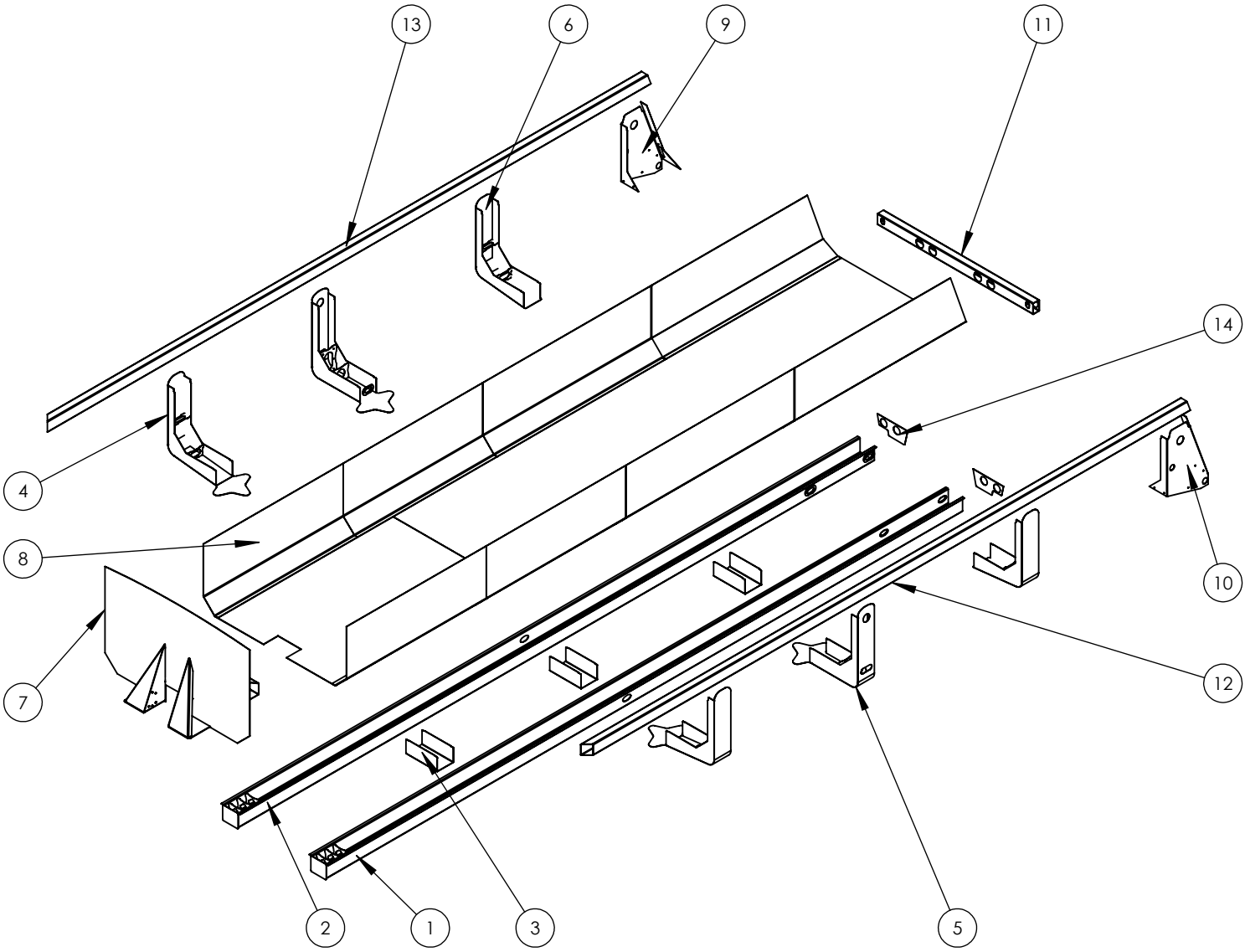
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SIZE A | DRAWING # LWED TUB SUB ASSEMBLY | REV 1

MODEL: LWED TUB SUB ASSEMBLY



MODEL NO. LWED 32

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MODEL: LWED TUB SUB ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ASY5688-L	32' LWED LONGITUDINAL SUB ASSEMBLY (LEFT)	1
2	ASY5688-R	32' LWED LONGITUDINAL SUB ASSEMBLY (RIGHT)	1
3	MFG1148	LWED MBB CROSS MEMBER	3
4	ASY5681	LWED IBB ASSEMBLY	2
5	ASY5680-PB	LWED MBB ASSEMBLY	2
6	ASY5682	LWED RIBB ASSEMBLY	2
7	ASY5107	LWED NOSE ASSEMBLY	1
8	ASY0812	32' LWED TUB WELDMENT	1
9	MFG1063	LWED RBB UPPER RIGHT	1
10	MFG1064	LWED RBB UPPER LEFT	1
11	MFG1093	LWED LIGHT TUBE	1
12	MFG1284	LWED TUBE TOP RAIL LEFT (32')	1
13	MFG1285	LWED TUBE TOP RAIL RIGHT (32')	1
14	MFG1235	LIGHT TUBE REAR ACC WELD PL	2

MODEL NO. LWED 32

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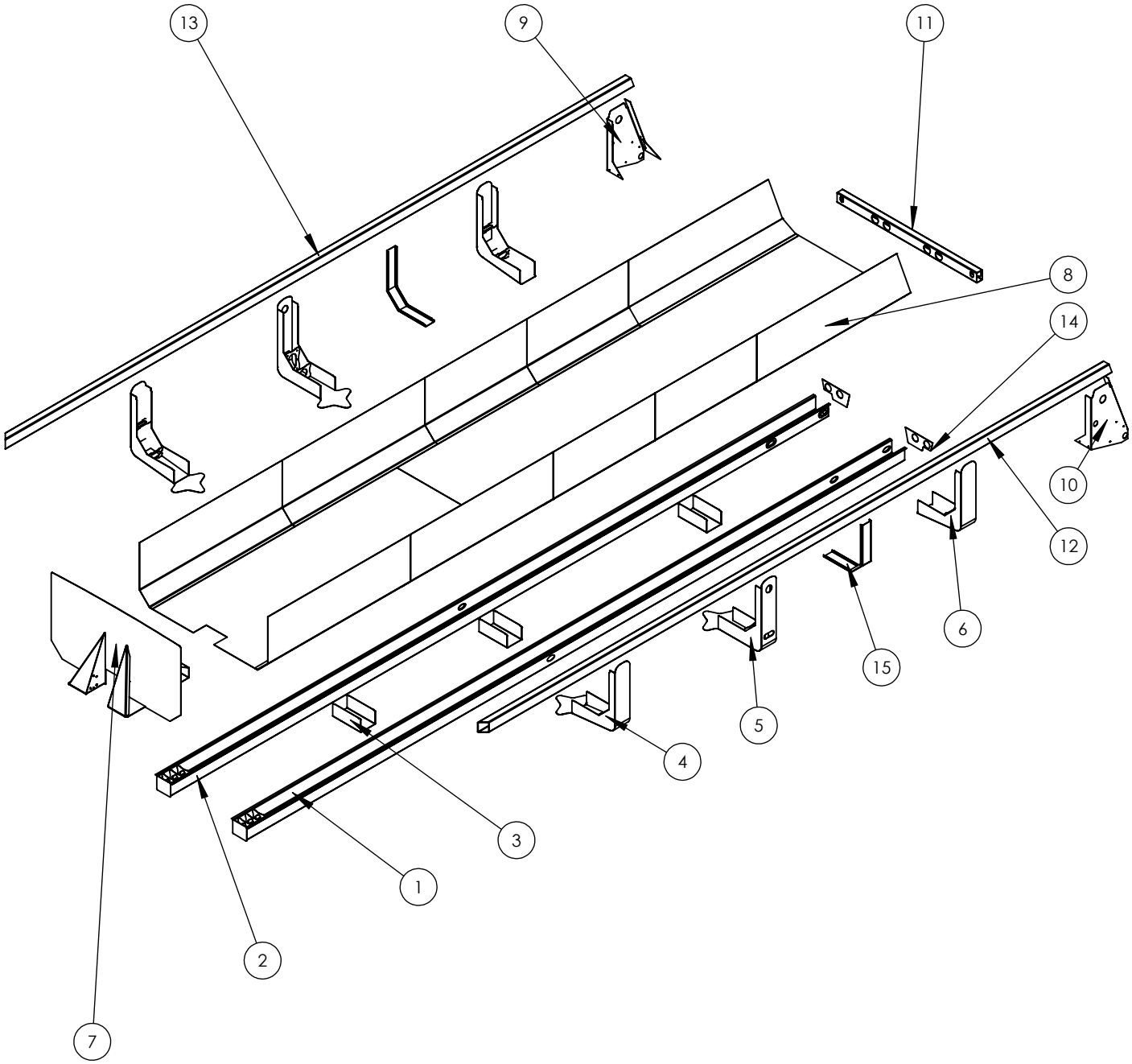
DATE: 5/26/2026

SIZE A

DRAWING # LWED TUB SUB ASSEMBLY

REV 1

MODEL: LWED TUB SUB ASSEMBLY



MODEL NO. LWED 37

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MODEL: LWED TUB SUB ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ASY5689-L	37' LWED LONGITUDINAL SUB ASSEMBLY (LEFT)	1
2	ASY5689-R	37' LWED LONGITUDINAL SUB ASSEMBLY (RIGHT)	1
3	MFG1148	LWED MBB CROSS MEMBER	3
4	ASY5681	LWED FIBB ASSEMBLY	2
5	ASY5680-PB	LWED MBB ASSEMBLY	2
6	ASY5682	LWED RIBB ASSEMBLY	2
7	ASY5107	LWED NOSE ASSEMBLY	1
8	ASY0813	37' LWED TUB WELDMENT	1
9	MFG1063	LWED RBB UPPER RIGHT	1
10	MFG1064	LWED RBB UPPER LEFT	1
11	MFG1093	LWED LIGHT TUBE	1
12	MFG1286	LWED TUBE TOP RAIL LEFT (37')	1
13	MFG1287	LWED TUBE TOP RAIL RIGHT (37')	1
14	MFG1235	LIGHT TUBE REAR ACC WELD PL	2
15	MFG1313	37' LWED SCAB TUBE/CHANNEL	2

MODEL NO. LWED 37

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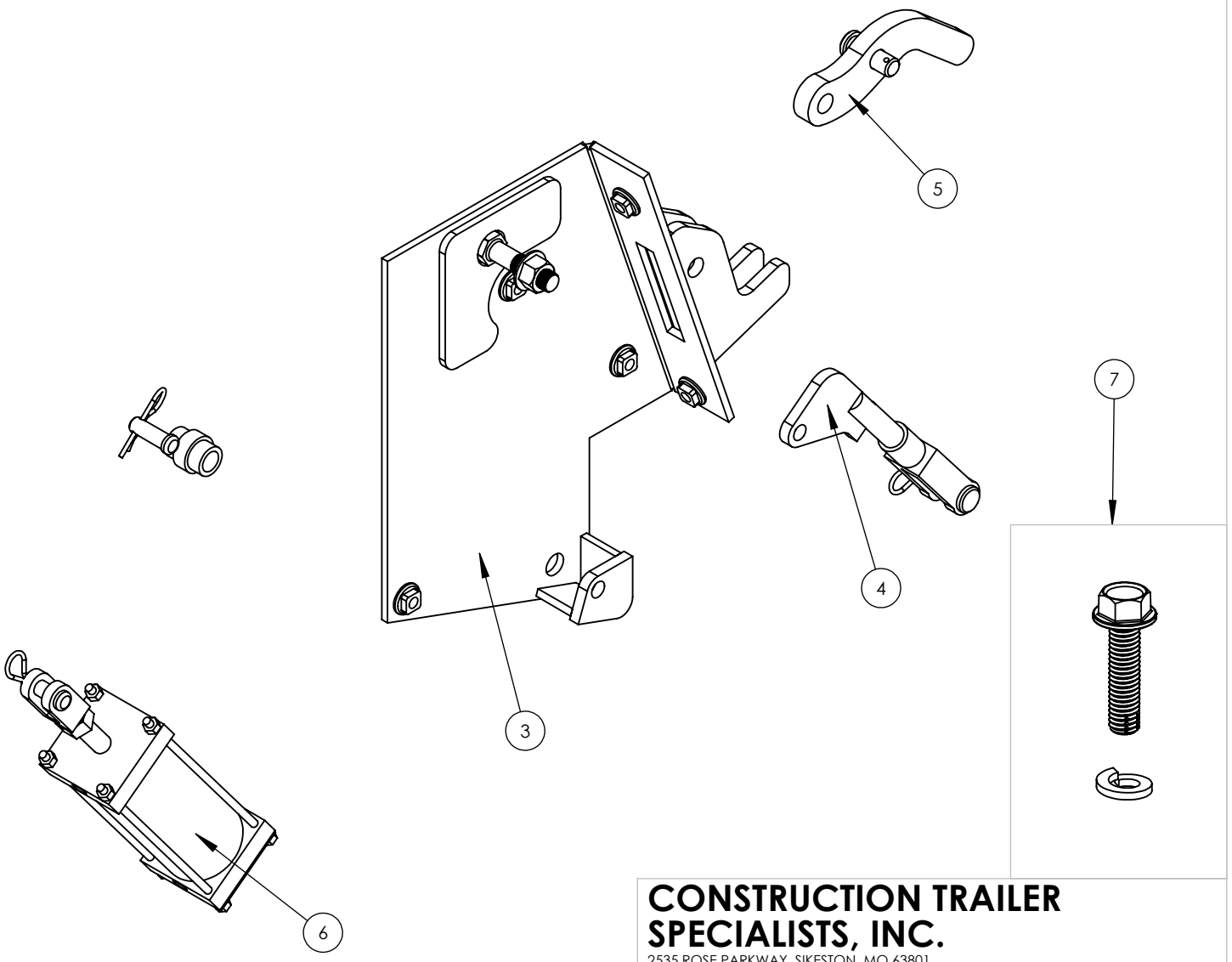
SIZE A

DRAWING # LWED TUB SUB ASSEMBLY

REV 1

MODEL: LWED TUB SUB ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	ASY5100	RIGHT SIDE LATCH ASSEMBLY COMPLETE (INCLUDES ALL PARTS BELOW)	1
2	ASY5112	CAM OVER LATCH PIVOT ASSEMBLY RIGHT	1
3	ASY5100	RIGHT SIDE LATCH ASSEMBLY PLATE	1
4	ASY5108	LATCH LOWER TOGGLE BAR ASSEMBLY	1
5	MFG1108	LATCH FINGER (MIC 97245A453, 1/8" hairpin clip)	1
6	AIC C5026-PK	CYLINDER , 2.5 X 6	1
7	BKT-0051	LWED TAILGATE LATCH MECHANISM BOLT KIT	1



RIGHT SIDE TAILGATE LATCH MECHANISM

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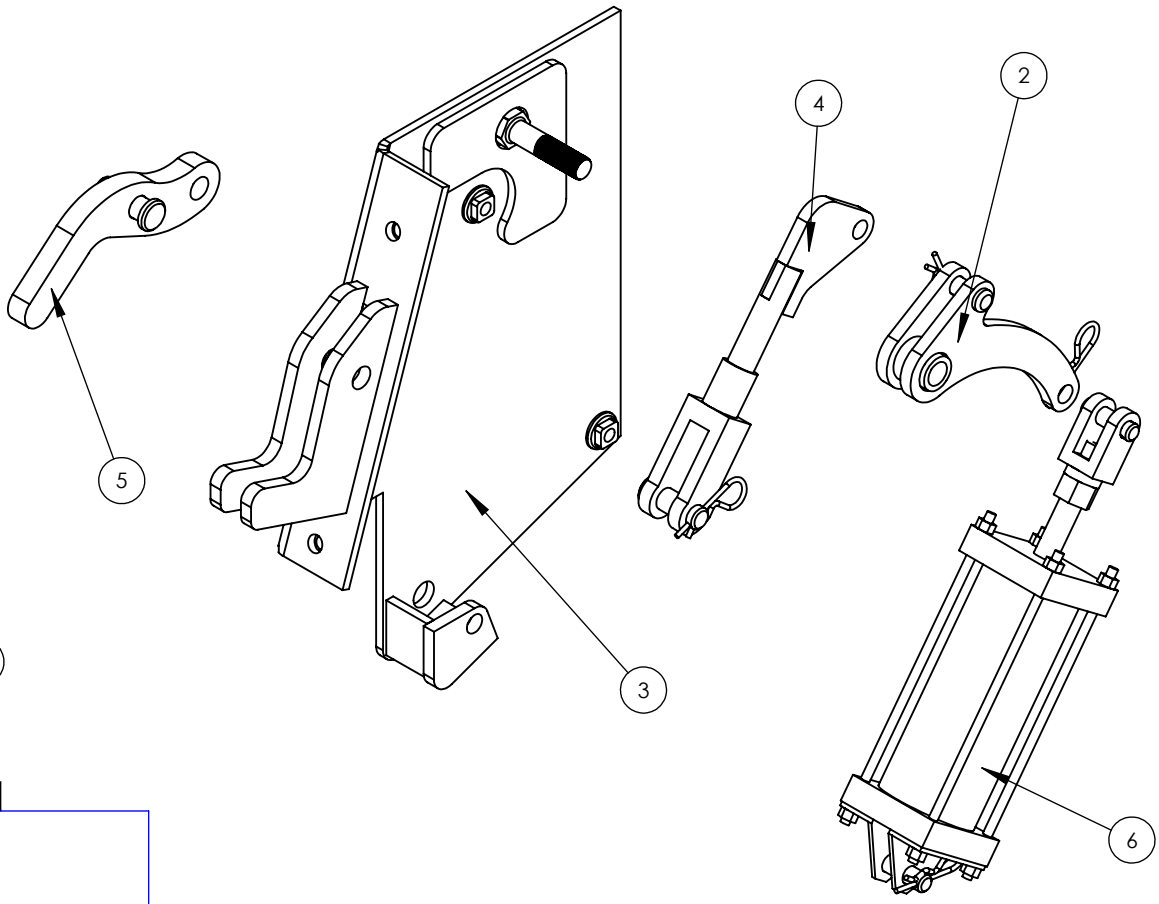
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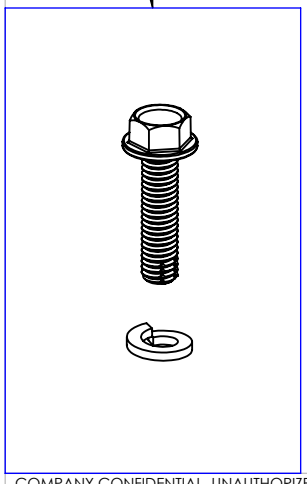
DRAWING # LWED ASY5100-PB

REV 1

MODEL: LWED CAMOVER LATCH ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	ASY5101	LEFT SIDE LATCH ASSEMBLY COMPLETE (INCLUDES ALL PARTS BELOW)	1
2	ASY5111	CAM OVER LATCH PIVOT ASSEMBLY LEFT	1
3	ASY5101	RIGHT SIDE LATCH ASSEMBLY PLATE	1
4	ASY5108	LATCH LOWER TOGGLE BAR ASSEMBLY	1
5	MFG1108	LATCH FINGER (MIC 97245A453, 1/8" hairpin clip)	1
6	AIC C5026-PK	CYLINDER , 2.5 X 6	1
7	BKT-0050	LWED TAILGATE LATCH MECHANISM BOLT KIT	1





LEFT SIDE TAILGATE LATCH MECHANISM

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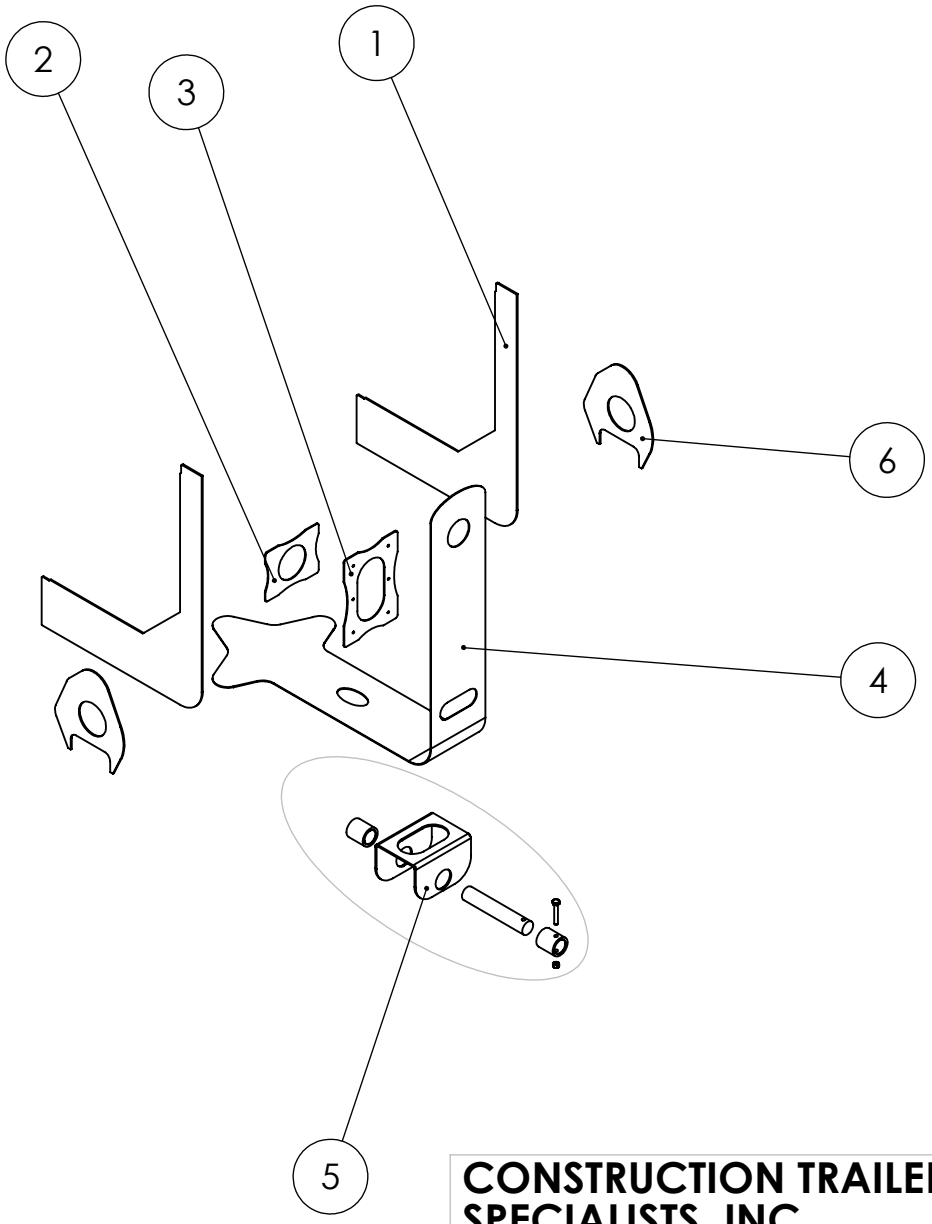
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MODEL: LWED CAMOVER LATCH ASSEMBLY LEFT

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MFG1239	LWED MBB WEB	2
2	MFG1147	LWED MBB INSIDE PLATE	1
3	MFG1146	LWED MBB OUTSIDE PLATE	1
4	MFG1238	LWED MBB END CAP	1
5	ASY5690	LWED DRAFT ARM MOUNT ASSEMBLY	1
6	MFG1009	LWED WELD PLATE	2



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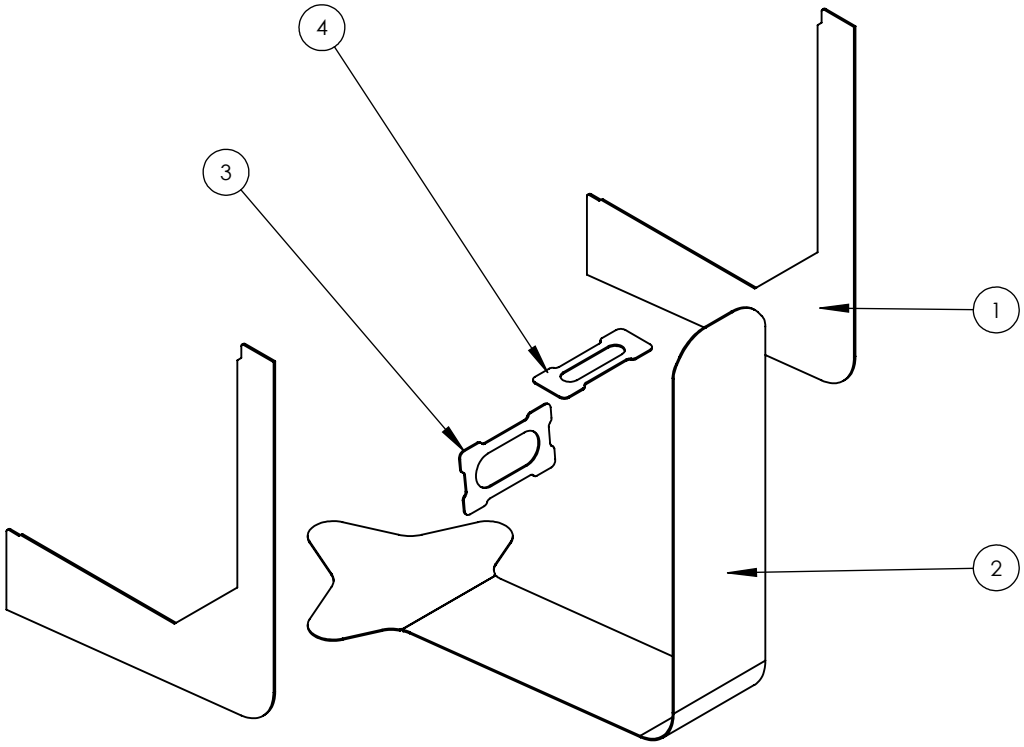
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DRAWN BY: CRC | DATE: 5/26/2026 | SIZE: A | DRAWING #: MIDDLE BODY BRACE ASY5680 | REV: 1

MODEL: LWED BB ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MFG1240	LWED IBB WEB	2
2	MFG1241	LWED FBB END CAP	1
3	MFG1243	IBB LOWER SUPPORT	1
4	MFG1244	LWED IBB UPPER SUPPORT	1



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DATE: 6/1/2026

SIZE A

DRAWING # LWED FBB ASY5681

REV 1

MODEL: LWED FBB ASSEMBLY

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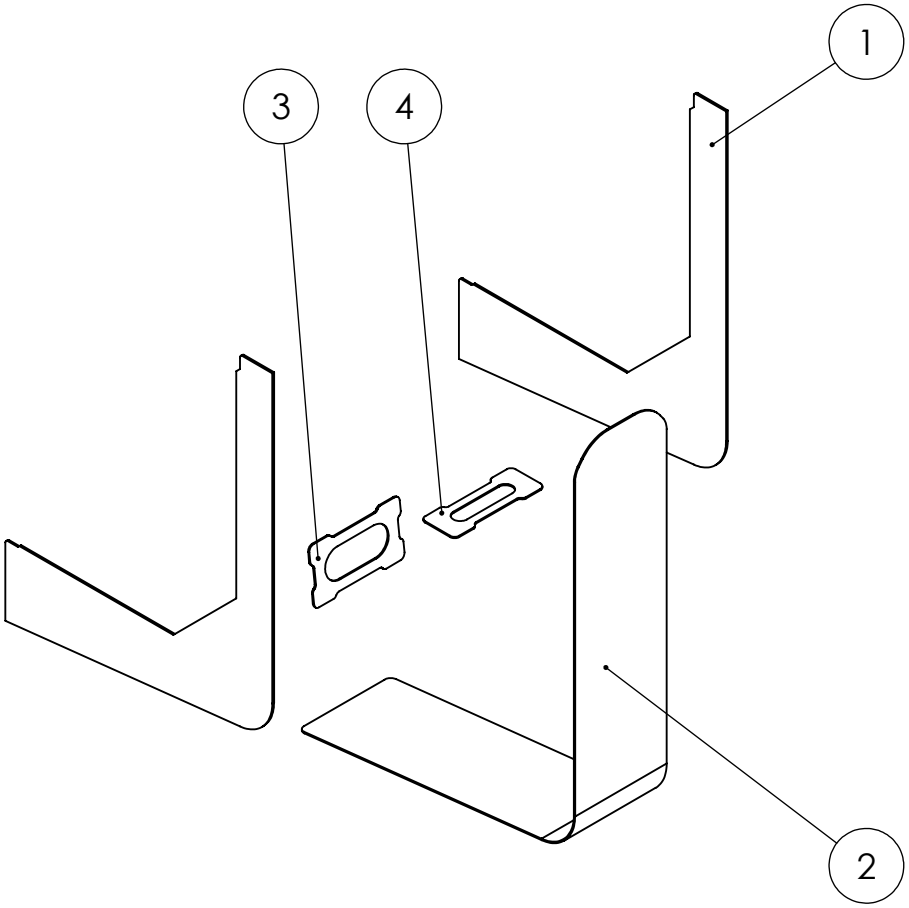
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DRAWN BY:	DATE:	SIZE	DRAWING #	REV
CRC	6/1/2026	A		1

MODEL: LWED FBB ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MFG1240	LWED IBB WEB	2
2	MFG1242	LWED RIBB END CAP	1
3	MFG1243	IBB LOWER SUPPORT	1
4	MFG1244	LWED IBB UPPER SUPPORT	1



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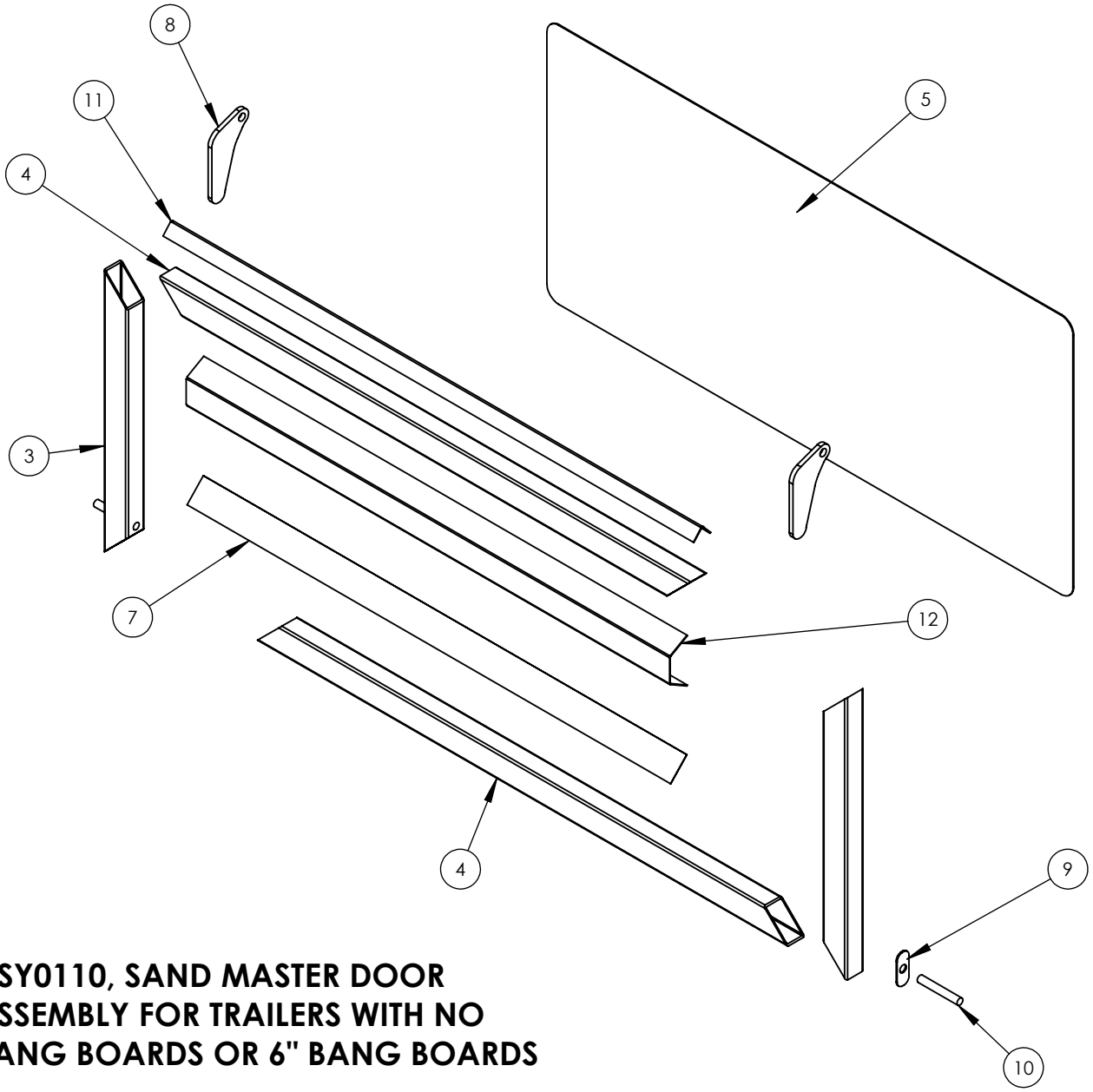
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SIZE **A**

DRAWING # LWED RBB ASY5682

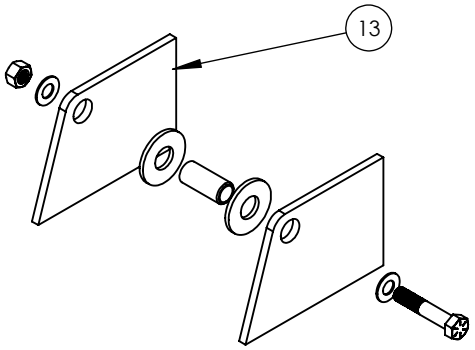
REV 1

MODEL: LWED RBB ASSEMBLY



ASY0110, SAND MASTER DOOR ASSEMBLY FOR TRAILERS WITH NO BANG BOARDS OR 6" BANG BOARDS

BODY SIDE HINGE ASSEMBLY (2x)



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DRAWN BY:	DATE:	SIZE	DRAWING #	REV
CRC	5/28/2026	A	LWED DOOR ASSEMBLY	1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ASY0110-A	ASY0110-B
1	ASY0110-A	LWED STANDARD HEIGHT DOOR, STANDARD DOOR PLATE		X	
2	ASY0110-B	LWED STANDARD HEIGHT DOOR, HD DOOR PLATE			X
3	MFG1082-MFG1083	LWED DOOR TUBES	2	X	X
4	MFG1082	LWED DOOR CROSSTUBE - 90''	2	X	X
5	MFG1081	LWED REAR DOOR PLATE (STANDARD, 10GA GRADE 50)	1*	X	
6	MFG1266	LWED REAR DOOR PLATE (HEAVY DUTY, 3/16'' AR450)	1*		X
7	MFG1085	LWED DOOR SHEDDER	1	X	X
8	MFG1088	LWED DOOR HINGE	2	X	X
9	MFG1086	LWED DOOR LATCH PIN PLATE	2	X	X
10	MFG1087	LWED DOOR LATCH PIN	2	X	X
11	MFG1074	LWED TAILGATE TOP SHEDDER	1	X	X
12	MFG1084	LWED DOOR RIB	1	X	X
13	MFG1089	LWED BODY HINGE	2	X	X

ASY0110, SAND MASTER DOOR ASSEMBLY FOR TRAILERS WITH NO BANG BOARDS OR 6'' BANG BOARDS

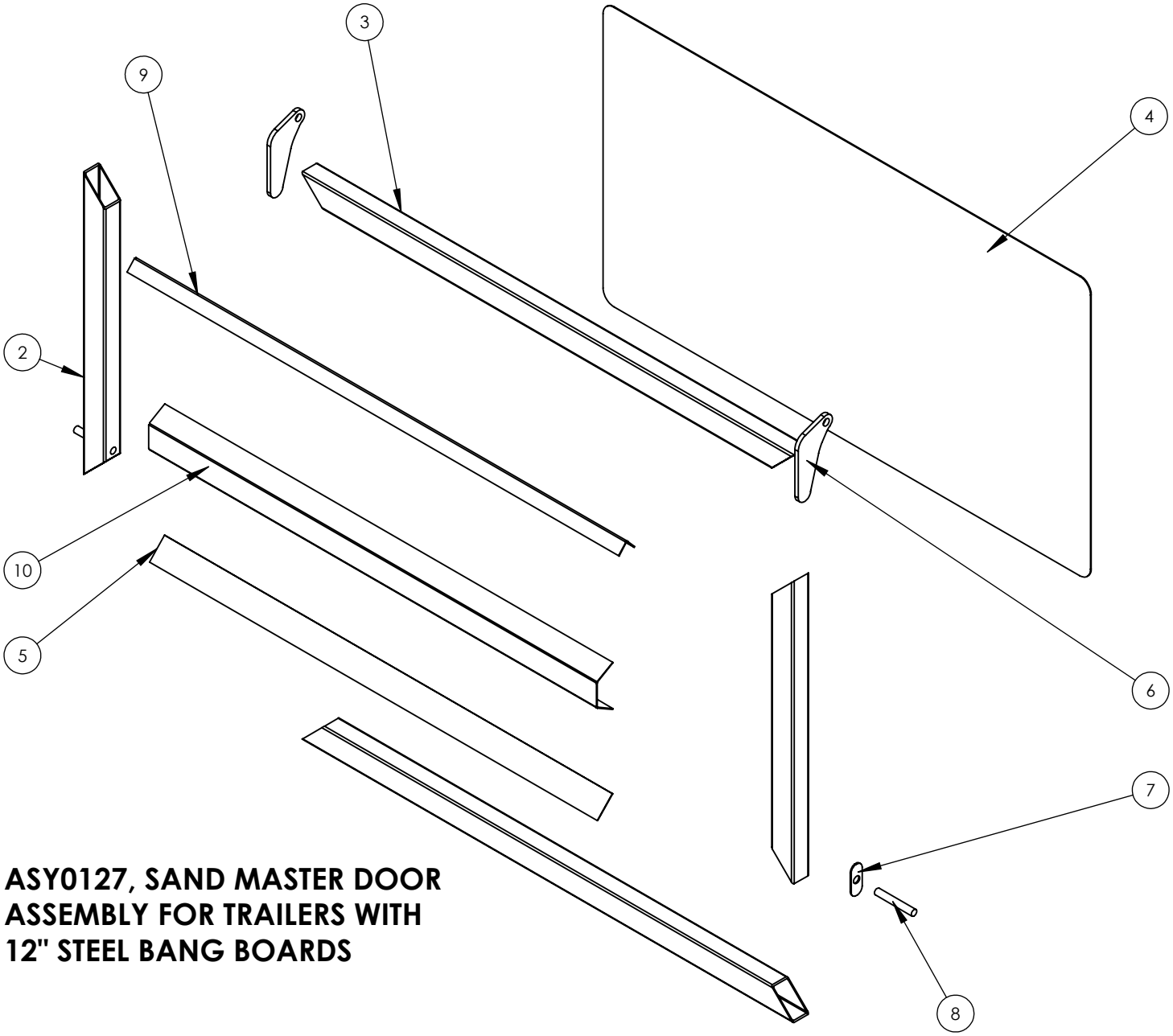
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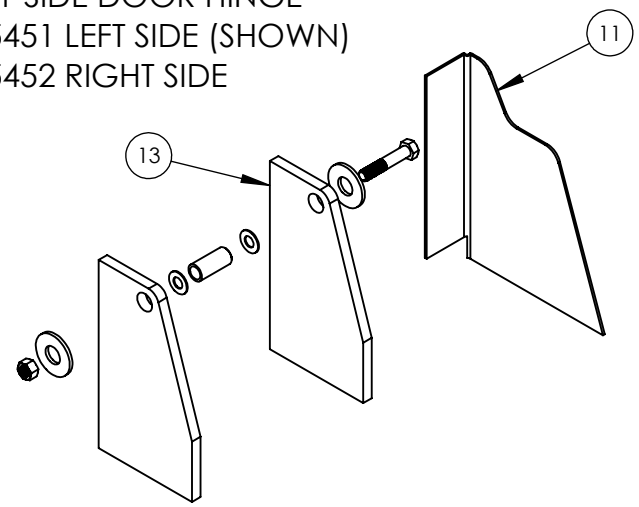
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DATE: 5/28/2026
SIZE A
DRAWING # LWED DOOR ASSEMBLY
REV 1

MODEL: LWED DOOR ASSEMBLY



ASY0127, SAND MASTER DOOR ASSEMBLY FOR TRAILERS WITH 12" STEEL BANG BOARDS

BODY SIDE DOOR HINGE
ASY5451 LEFT SIDE (SHOWN)
ASY5452 RIGHT SIDE



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DRAWN BY:	DATE:	SIZE	DRAWING #	REV
CRC	5/28/2026	A	LWED DOOR ASSEMBLY	1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ASY0127 PARTS	ASY5451-5452
1	ASY0127	SAND MASTER DOOR ASSEMBLY FOR 12" BANGBOARD EQUIPPED TRAILERS			
2	MFG1274	LWED 12" BANGBOARD SIDE TUBE	2	X	
3	MFG1082	LWED DOOR CROSSTUBE - 90"	2	X	
4	MFG1273	LWED DOOR PLATE 12" BANGBOARD	1	X	
5	MFG1085	LWED DOOR SHEDDER	1	X	
6	MFG1088	LWED DOOR HINGE	2	X	
7	MFG1086	LWED DOOR LATCH PIN PLATE	2	X	
8	MFG1087	LWED DOOR LATCH PIN	2	X	
9	MFG1074	LWED TAILGATE TOP SHEDDER	1	X	
10	MFG1084	LWED DOOR RIB	1	X	
11	MFG1288	HINGE PLATE GAP FILLER LEFT	1		X
12	MFG1289	HINGE PLATE GAP FILLER RIGHT	1		X
13	MFG1257	LWED 12" BANGBOARD HINGE	4		X

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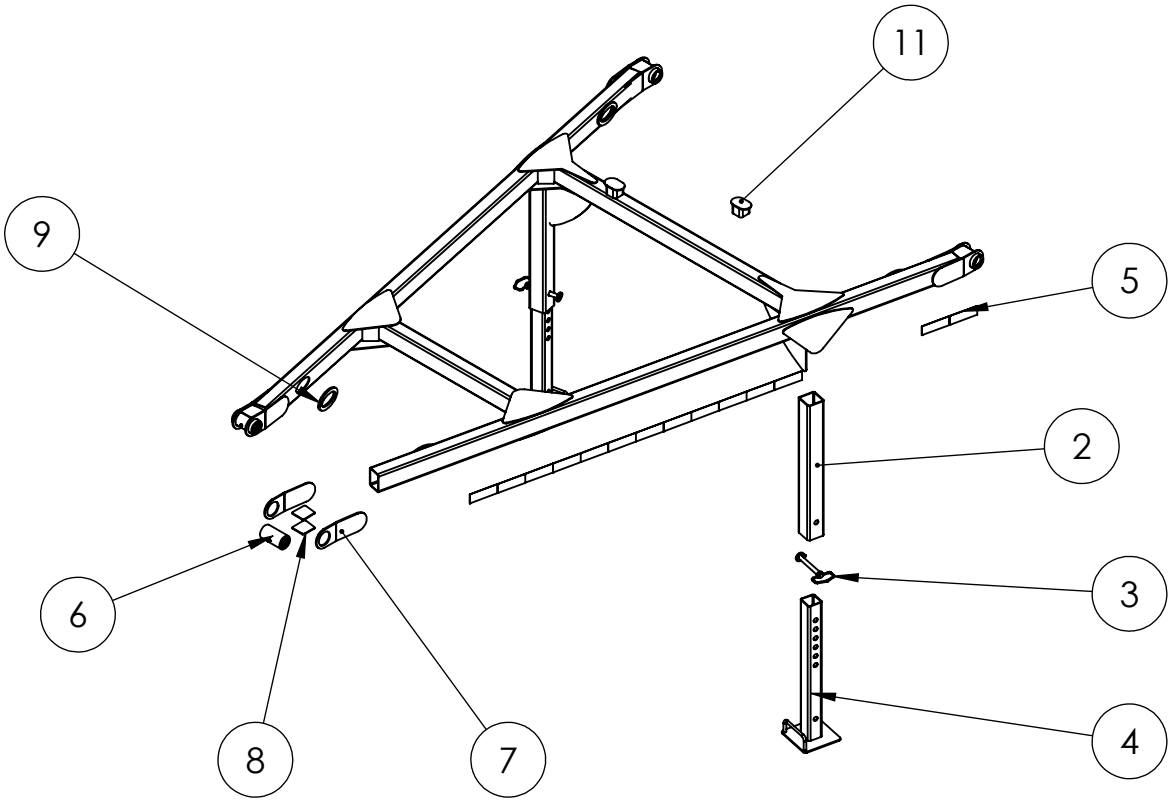
DRAWING # LWED DOOR ASSEMBLY

REV 1

MODEL: LWED DOOR ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	ASY0124	26' LWED FRAMELESS DRAFT ARM ASSEMBLY (CONTAINS ALL ITEMS)	
2	MFG0346	DUMP DROP LEG SLEEVE	2
3	MIC HP34412	3/4x 4-1/2 Clevis Pin for drop legs	2
4	MIC ASY5035	Drop Leg Assembly - Powder Coated	2
5	LTS 01-4105-71 ROLL	V92 6/6 Red/Wh 2"X150', DB Print 6/6 Red/White Conspicuity Tape DOTC2	**
6	MFG1107	2-3/4 X 2.02 X 5 Grooved Bushing	8
7	MIC MC0012	DRAFT ARM LONG BUSHING PLATE	4
8	MFG1106	DRAFT ARM BUSHING TAB	8
9	MFG0991	OVAL CUTOUT	4
10	MIC G3319-016500	GROMMET 3.5" x 1/4" plate	4
11	ASY5109	LWED STAND OFF	2

** SPECIFY TOTAL FEET NEEDED WHEN ORDERING, ONLY ON ASSEMBLY WHEN ORDERED WITH COLOR MATCHED PAINT



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DATE: 5/28/2026

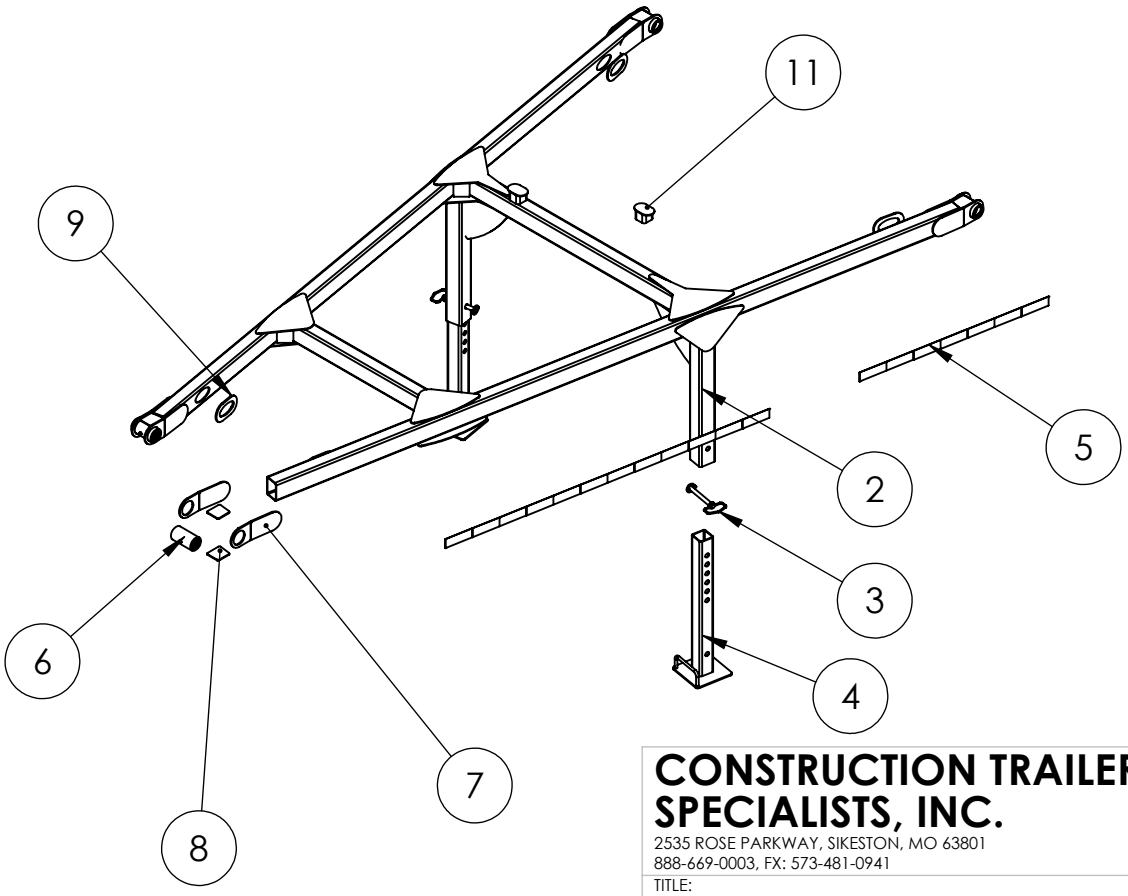
SIZE A

DRAWING # LWED DRAFT ARMS -PB

REV 1

MODEL: 22-26PDAassyLWED 0124

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	ASY0123	28' LWED FRAMELESS DRAFT ARM ASSEMBLY (CONTAINS ALL ITEMS)	
2	MFG0346	DUMP DROP LEG SLEEVE	2
3	MIC HP34412	3/4x 4-1/2 Clevis Pin for drop legs	2
4	MIC ASY5035	Drop Leg Assembly - Powder Coated	2
5	LTS 01-4105-71 ROLL	V92 6/6 Red/Wh 2"X150', DB Print 6/6 Red/White Conspicuity Tape DOTC2	**
6	MFG1107	2-3/4 X 2.02 X 5 Grooved Bushing	8
7	MIC MC0012	DRAFT ARM LONG BUSHING PLATE	4
8	MFG1106	DRAFT ARM BUSHING TAB	8
9	MFG0991	OVAL CUTOUT	4
10	MIC G3319-016500	GROMMET 3.5" x 1/4" plate	4
11	ASY5109	LWED STAND OFF	2
** SPECIFY TOTAL FEET NEEDED WHEN ORDERING, ONLY ON ASSEMBLY WHEN ORDERED WITH COLOR MATCHED PAINT			



CONSTRUCTION TRAILER SPECIALISTS, INC.
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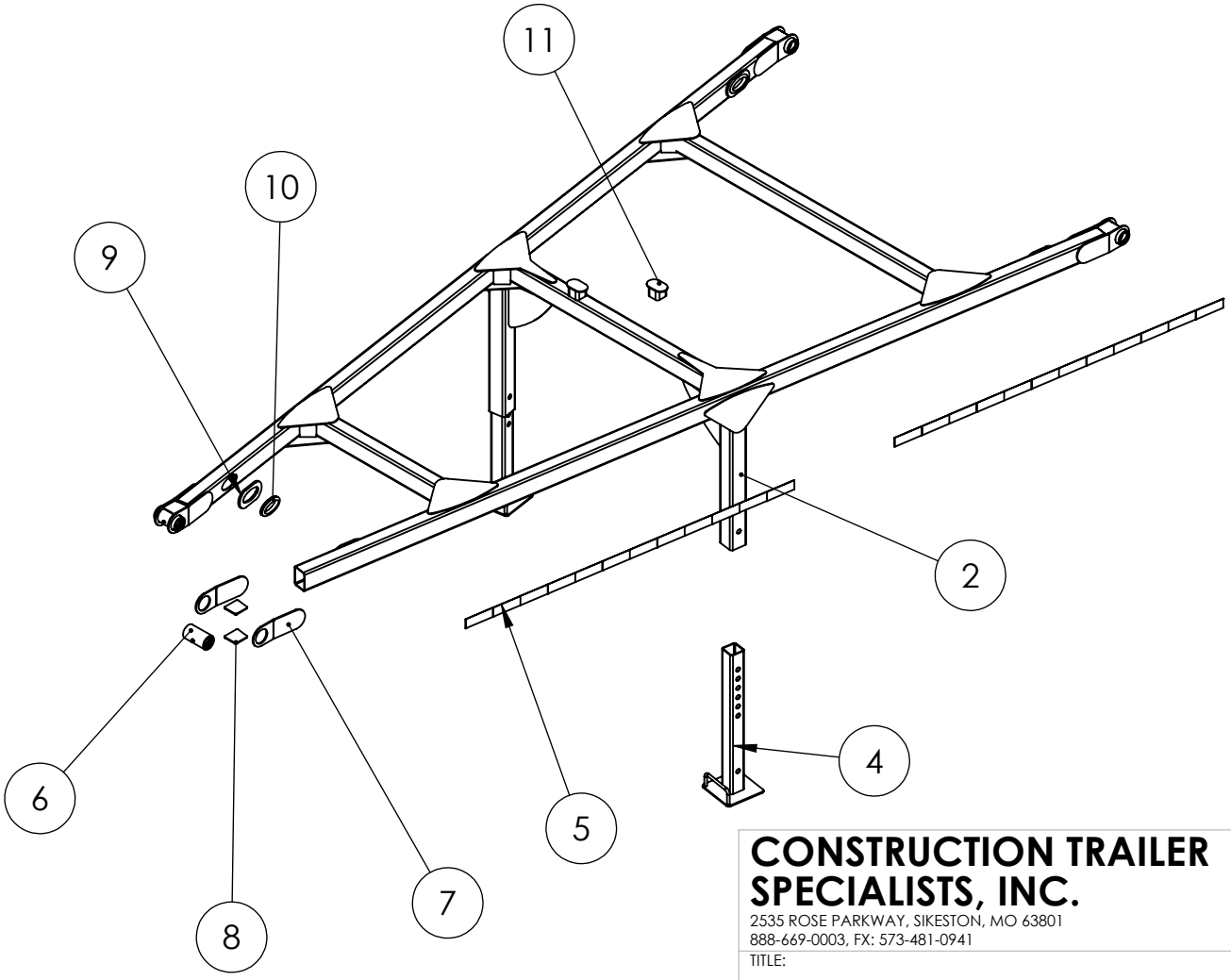
SIZE A

DRAWING # LWED DRAFT ARMS -PB

REV 1

MODEL: 22-26PDAassyLWED 0124

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	ASY0122	32' LWED FRAMELESS DRAFT ARM ASSEMBLY (CONTAINS ALL ITEMS)	
2	MFG0346	DUMP DROP LEG SLEEVE	2
3	MIC HP34412	3/4x 4-1/2 Clevis Pin for drop legs	2
4	MIC ASY5035	Drop Leg Assembly - Powder Coated	2
5	LTS 01-4105-71 ROLL	V92 6/6 Red/Wh 2"X150', DB Print 6/6 Red/White Conspicuity Tape DOTC2	**
6	MFG1107	2-3/4 X 2.02 X 5 Grooved Bushing	8
7	MIC MC0012	DRAFT ARM LONG BUSHING PLATE	4
8	MFG1106	DRAFT ARM BUSHING TAB	8
9	MFG0991	OVAL CUTOUT	4
10	MIC G3319-016500	GROMMET 3.5" x 1/4" plate	4
11	ASY5109	LWED STAND OFF	2
** SPECIFY TOTAL FEET NEEDED WHEN ORDERING, ONLY ON ASSEMBLY WHEN ORDERED WITH COLOR MATCHED PAINT			



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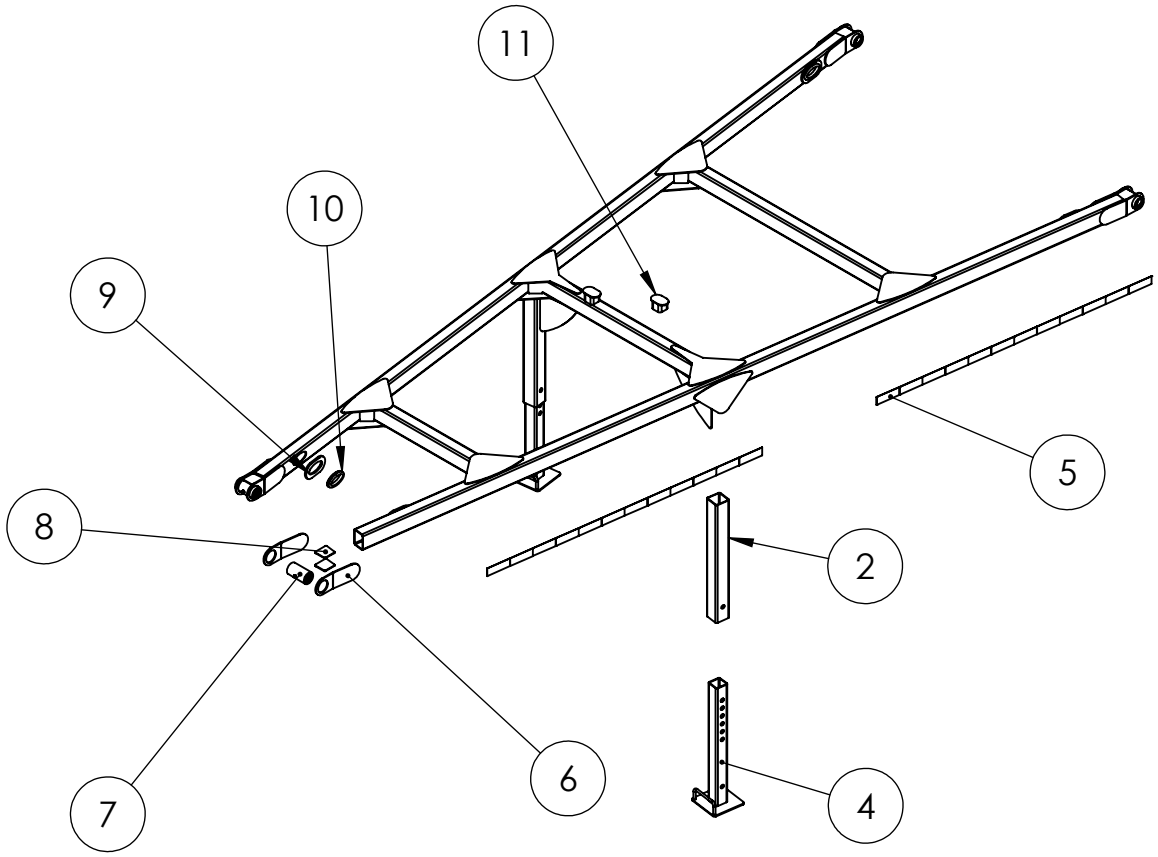
SIZE A

DRAWING # LWED DRAFT ARMS -PB

REV 1

MODEL: 22-26PDAassyLWED 0124

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	ASY0120	37' LWED FRAMELESS DRAFT ARM ASSEMBLY (CONTAINS ALL ITEMS)	
2	MFG0346	DUMP DROP LEG SLEEVE	2
3	MIC HP34412	3/4x 4-1/2 Clevis Pin for drop legs	2
4	MIC ASY5035	Drop Leg Assembly - Powder Coated	2
5	LTS 01-4105-71 ROLL	V92 6/6 Red/Wh 2"X150', DB Print 6/6 Red/White Conspicuity Tape DOTC2	**
6	MFG1107	2-3/4 X 2.02 X 5 Grooved Bushing	8
7	MIC MC0012	DRAFT ARM LONG BUSHING PLATE	4
8	MFG1106	DRAFT ARM BUSHING TAB	8
9	MFG0991	OVAL CUTOUT	4
10	MIC G3319-016500	GROMMET 3.5" x 1/4" plate	4
11	ASY5109	LWED STAND OFF	2
** SPECIFY TOTAL FEET NEEDED WHEN ORDERING, ONLY ON ASSEMLBY WHEN ORDERED WITH COLOR MATCHED PAINT			



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DRAWING # LWED DRAFT ARMS -PB

REV 1

MODEL: 22-26PDAassyLWED 0124

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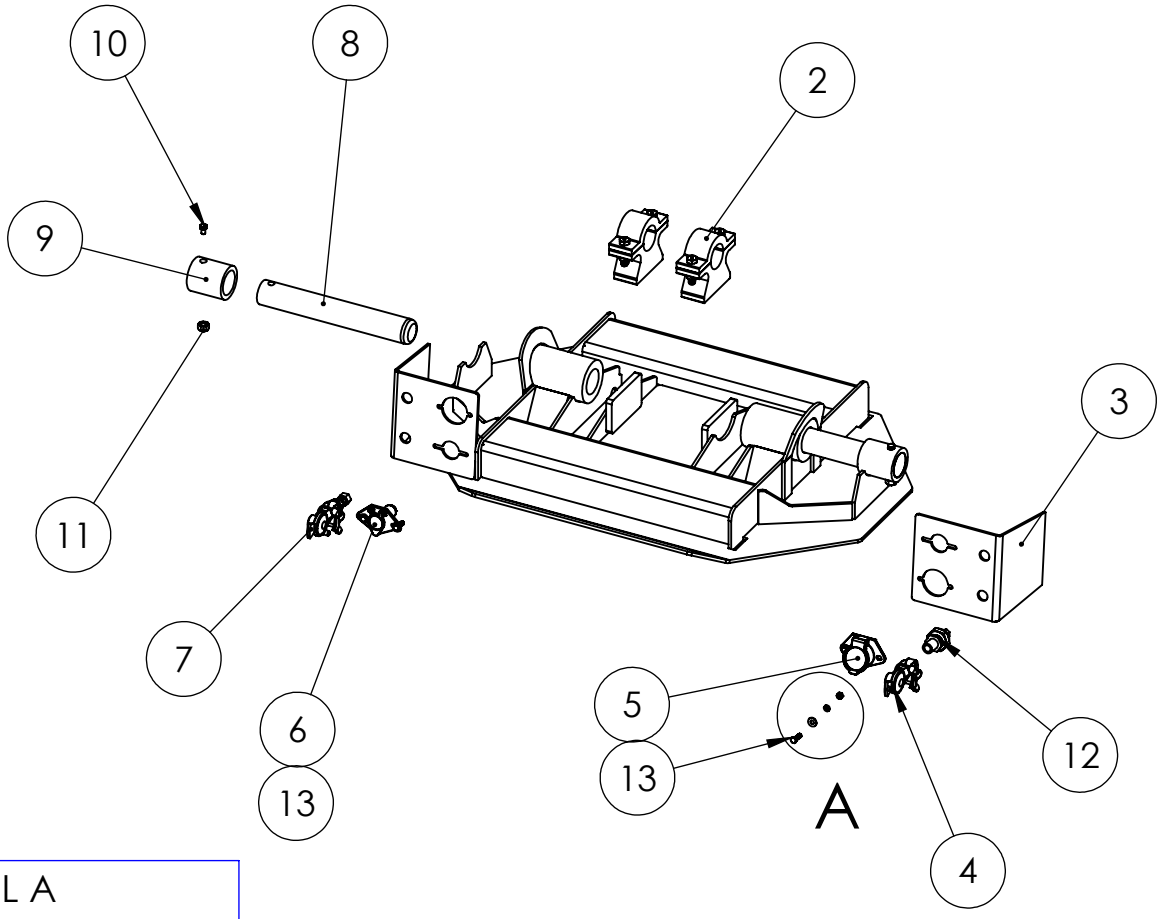
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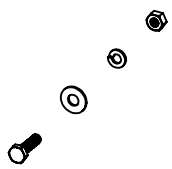
DRAWING #

REV 1

ITEM NO	PART NO	DESCRIPTION	QTY
1	ASY0111	LIGHT WEIGHT DRAFT ARM 5TH WHEEL ASSEMBLY (CONTAINS ITEMS 2,3,8-11))	
2	ASY5029	LOWER CYLINDER MOUNT ASSEMBLY WITH HARDWARE	2
3	MFG4041	DA 5TH WHEEL UNIVERSAL GLADHAND MOUNT	1
4	AIC 81-0011-R	EMERGENCY GLADHAND	1
5	LTS 01-6608-E9	Grote 24" FRONT TRAILER 7 PIN Plug Harness	1
6	LTS 82-1016	6 WAY SOCKET 6 PIN	1
7	AIC 81-0011-B	SERVICE GLADHAND	1
8	MIC MC0006	5TH WHEEL DRAFT ARM PIN	2
9	MIC MC0011	5TH WHEEL DRAFT ARM PIN DOM	2
10	N&B 4829	1/2-13 UNC X 3-1/2 GR 5 Bolt	2
11	N&B 51550	1/2-13 UNC Elastic Lock Nut	2
12	AIC 90644	1/2 x 1/4 x 2-5/32 Terminal Bulk - Bulkhead Fitting	2
13	BKT-0003	BOLT KIT - ELECTRIC PLUG	2*
* ADD ADDITIONAL PART IF TRAILER HAS OPTIONAL TARP			



DETAIL A
BOLT KIT
SCALE 1 : 5



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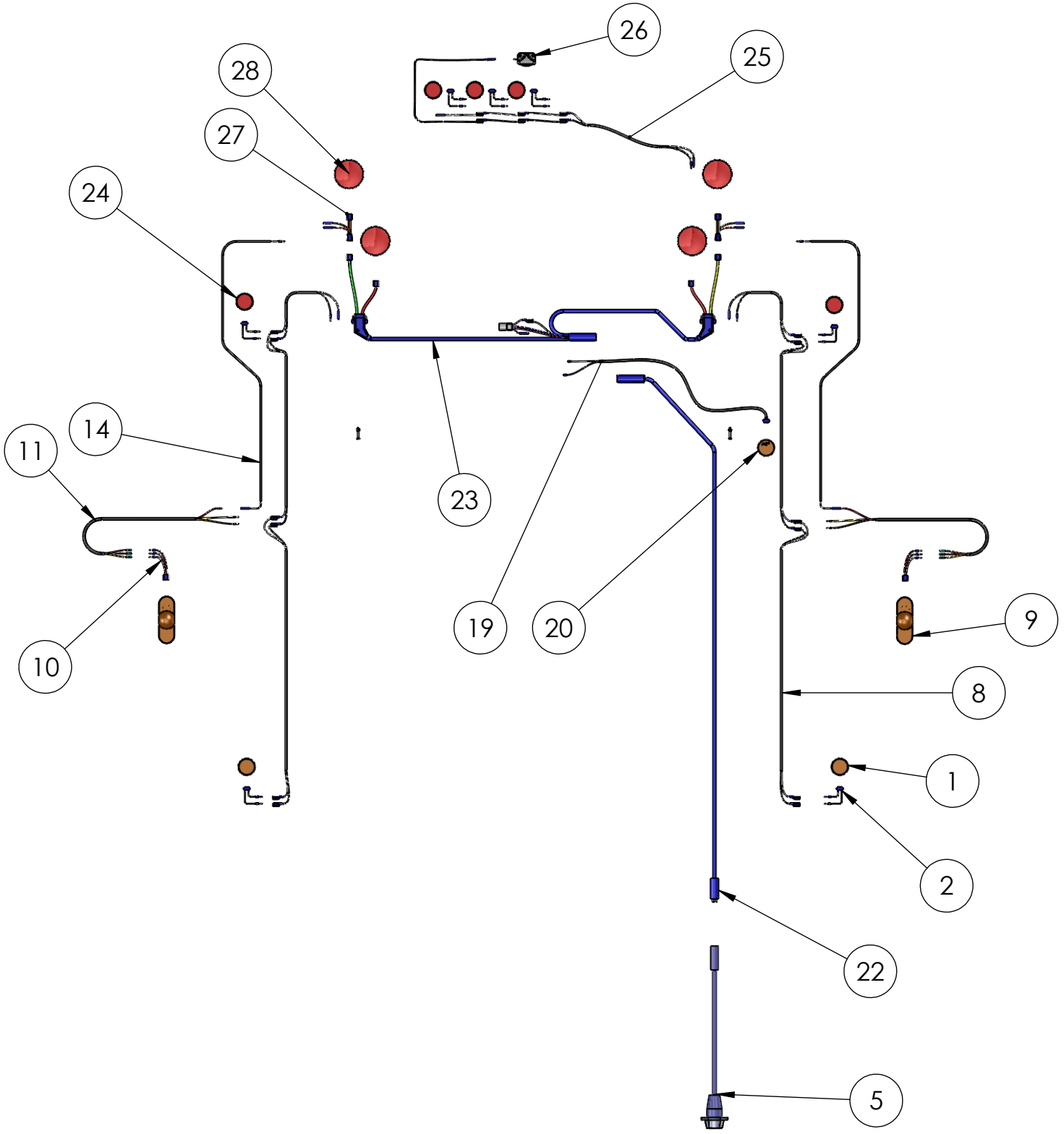
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SIZE	DRAWING #	REV
A	ASY0111-PB	1

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MODEL: DA5wheelassyLWED 0111



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TITLE:

PARTS BOOK,
BD/ED LIGHT WRING HARNESS

SIZE	DRAWING #	REV
A	bd-ed lights wiring	1

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MODEL: HRwiring

ITEM#	PART NO.	DESCRIPTION	QTY	LTS 01-6653-73 (COMPLETE LIGHT KIT)
1	LTS G1033-3	AMBER CLEARANCE LIGHT, LED 2.5"	2	X
2	80-1000-X1	TWO WIRE PLUG, SUBASSEMBLY HARNESS 6"	5	X
5	LTS 01-6608-E9	7 PIN RECEPTACLE	1	X
8	01-6613-98	SIDE CLEARANCE LIGHT WIRE	2	X
9	G6003-3	MIDDLE SIDE CLEARANCE/SIGNAL LIGHT	2	X
10	80-1000-R8	3 WIRE PIGTAIL	2	X
11		MIDDLE SIDE DROPPER WIRE	2	X
14	01-6613-L6	MIDDLE SIGNAL LIGHT WIRE, JUMPER 30'	2	X
19	05-2015-74	64" 2 WIRE PIGTAIL, ABS LIGHT WIRE	1	X
20	78423-3	ABS LIGHT, 2.5" LED	1	X
22	01-6607-U5	7 WIRE MAIN HARNESS WITH CONNECTOR	1	X
23	01-6757-T4	REAR WIRE HARNESS W/ ABS CONNECTOR	1	X
24	G1032-3	RED CLEARANCE LIGHT, 2.5" LED	5	X
25	01-6615-V5	REAR CLEARANCE LIGHT WIRE	1	X
26	LTS60781	LICENSE PLATE LIGHT LED	1	
27	66820	SIGNAL LIGHT PLUG	2	X
28	G4002-3	TAILLIGHT, 4" ROUND LED	4	X
32	LTS 01-6614-71	ADAPTER WIRE 6" SINGLE	3	X
33	LTS 91740-3	4" ROUND GROMMET	4	X
34	LTS 92420-3	OVAL GROMMET	2	X
35	LTS 91410-3	2.5" GROMMET FLUSH MOUNT	8	X

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TITLE:

PARTS BOOK,
BD/ED LIGHT WRING HARNESS

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DRAWING # bd-ed lights wiring

REV 1

MODEL: HRwiring

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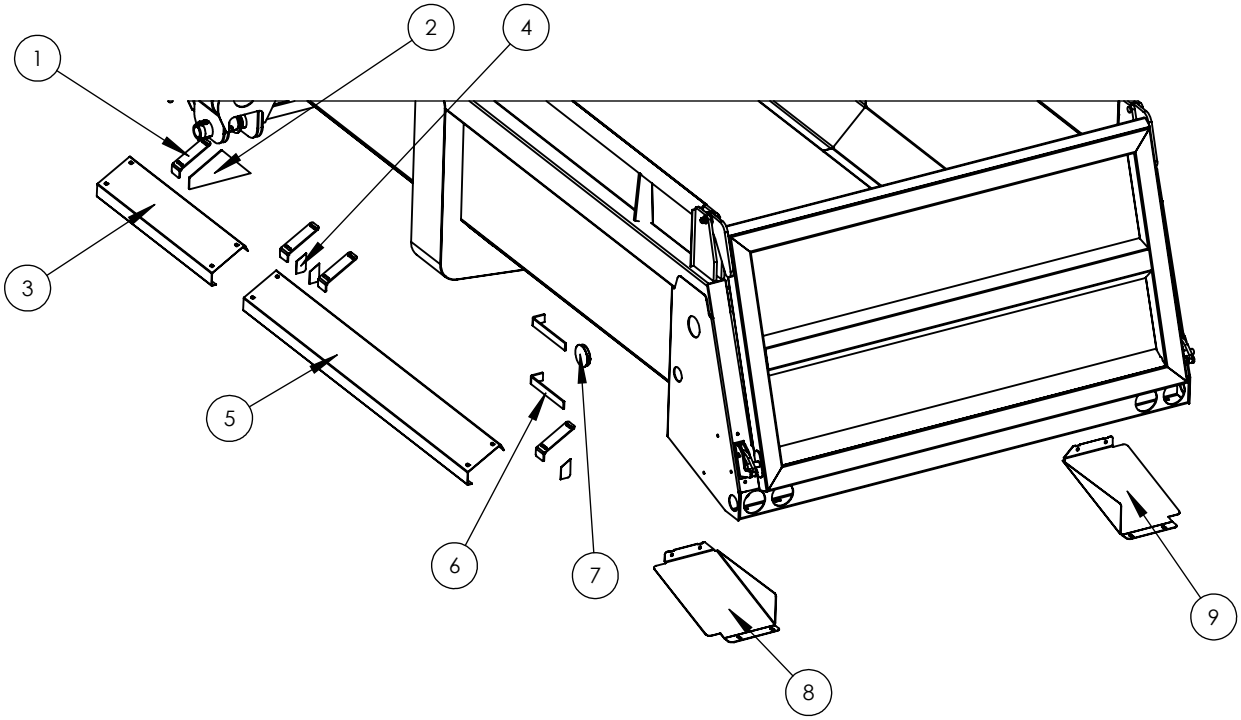
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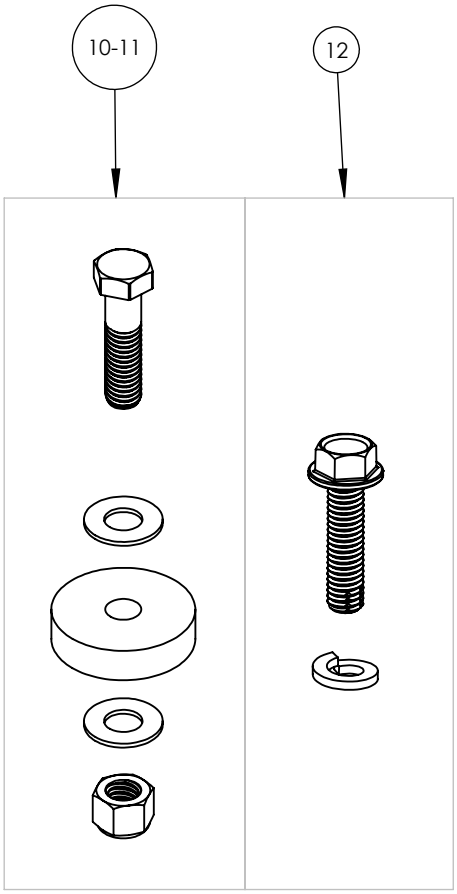
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DRAWN BY:	DATE:	SIZE	DRAWING #	REV
CRC	5/28/2026	A		1

MODEL: HRwiring





			QTY	
ITEM NO.	PART NO.	DESCRIPTION	TANDEM	TRIPLE
1	MFG1290	LWED REAR FENDER BRACKET	4	8
2	MFG1309	EXT FENDER BRACKET REAR GUSSET	N/A	2
3	MFG1278	TRIPLE AXLE FENDER EXTENSION ALUMINUM	N/A	2
4	MFG1099	FENDER CAP	4	6
5	MFG1013	REAR FENDER ALUM	2	2
6	MFG0172	SIDE LADDER RUNG	2	2
7	MIC 2473	DOME PLUG , 4" DIAMETER , SOLID BACK , BLACK	4	4
8	MFG1019	REAR BODY BRACE ACCESS COVER LEFT	1	1
9	MFG1018	REAR BODY BRACE ACCESS COVER LEFT	1	1
10	BKT-0046	LWED FENDER BOLT KIT TANDEM	1	N/A
11	BKT-0047	LWED FENDER BOLT KIT TRIPLE	N/A	1
12	BKT-0048	LWED CYLINDER COVER BOLT KIT	1	1

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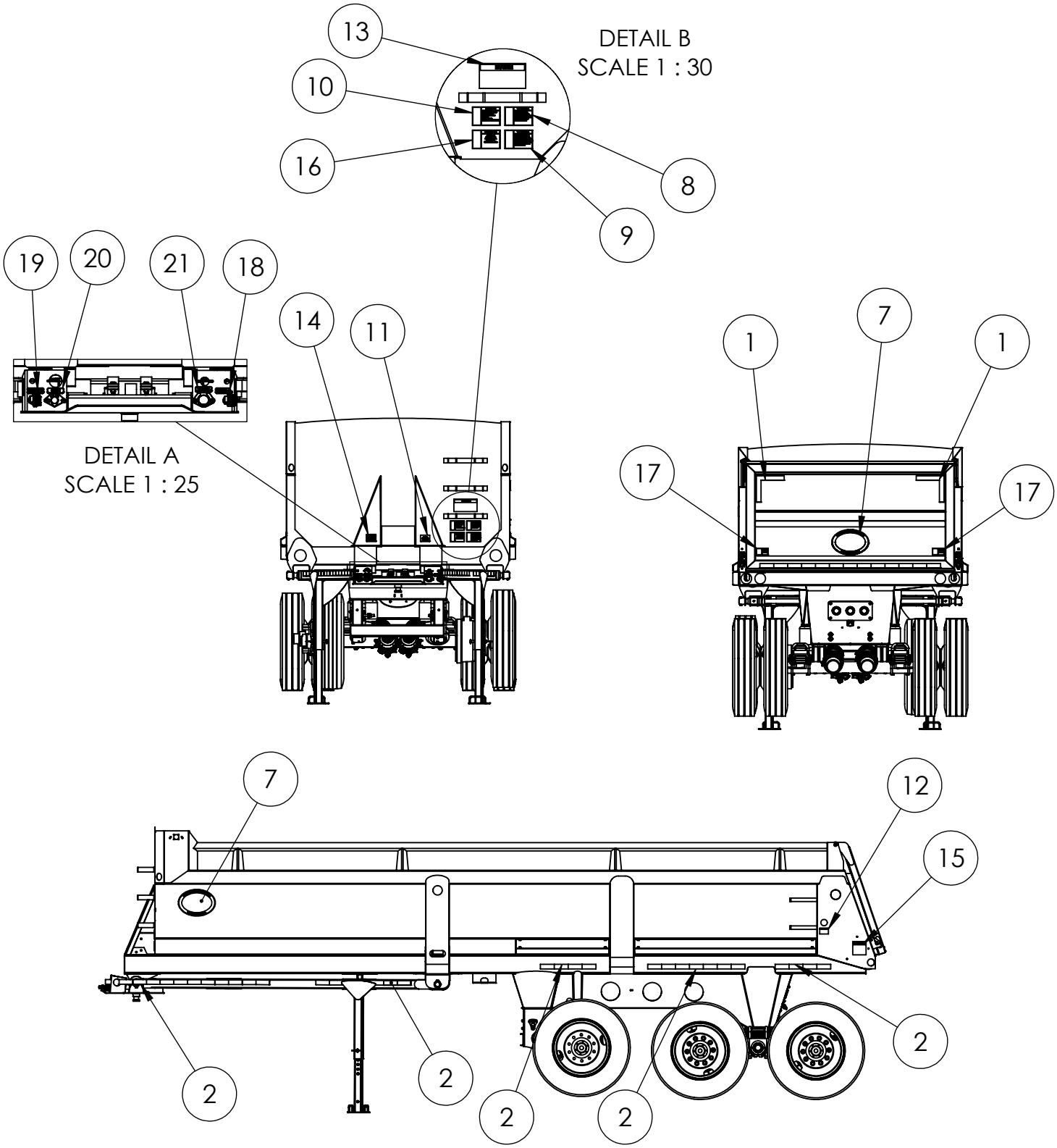
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SIZE A

DRAWING # LWED FENDERS

REV 1

MODEL: LWED MAIN MODEL



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SIZE	DRAWING #	REV
A	LWED DECALS	1

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MODEL: LWED MAIN MODEL

ITEM NO.	PART NO.	DESCRIPTION	QTY	LBL-LWEDKIT - BLUE (label kit)
1	LTS 40641	White Conspicuity Tape - 150' PER ROLL	4'	
2	LTS 01-4105-71 ROLL	V92 6/6 Red/Wh 2"X150', DB Print 6/6 Red/White Conspicuity Tape DOTC2	100'	
3	LBL 5623001	3 Inch Amber Round DOT Stick-On	2	
4				
5				
6				
7	LBL-SAND	SANDMASTER OVAL	3	X
8	LBL-010	WARNING (MATCHED WHEELS)	1	X
9	LBL-009	WARNING (RE-TORQUE)	1	X
10	LBL-011	DANGER (CAGE BRAKE CHAMBER)	1	X
11	LBL-012-B	NOTICE AIR BRAKE ADDITIVE	1	X
12	LBL-013-B	NOTICE ABS WARNING LIGHT	1	X
13	LBL-001-A	NOTICE (READ WARNING LABELS)	1	X
14	LBL-014-A	WARNING KING PIN	1	X
15	LBL-015-A	DANGER STAND CLEAR OF DOOR	1	X
16	LBL-017-A	DANGER POWER LINES	1	X
17	LBL-024-A	WARNING PINCHPOINT	2	X
18	LBL-029	EMERGENCY	1	X
19	LBL-030	SERVICE	1	X
20	LBL-032	ACCESSORY CONTROLS	1	X
21	LBL-033	LIGHTS	1	X

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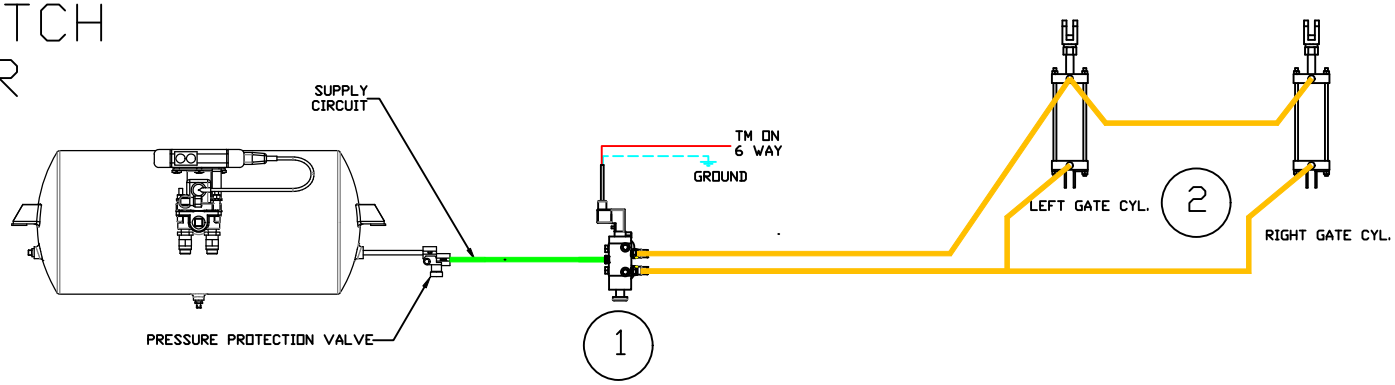
DRAWING # LWED DECALS

REV 1

MODEL: LWED MAIN MODEL

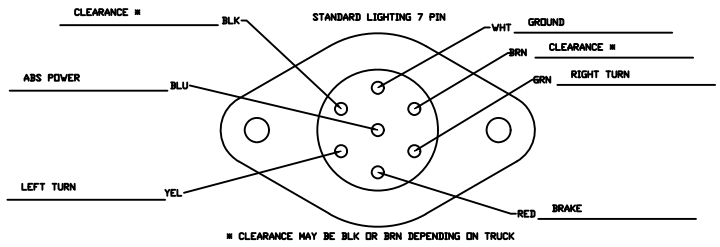
ITEM NO.	PART NO.	DESCRIPTION	QTY	
1	AIC B511ADB47MDC	Parker Detent Valve	1	
2	AIC C5026-PK	CYLINDER , 2.5 X 6	2	

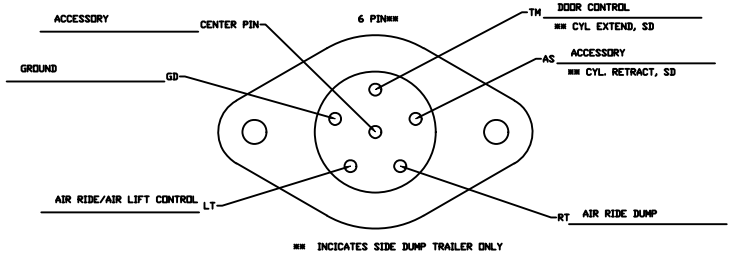
SCH0044
FREE FLOW GATE
DUAL LATCH
CYLINDER



STANDARD PLUG DIAGRAM

TRAILER PLUG WIRING, ALL PLUGS SHOWN FROM BACK SIDE





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