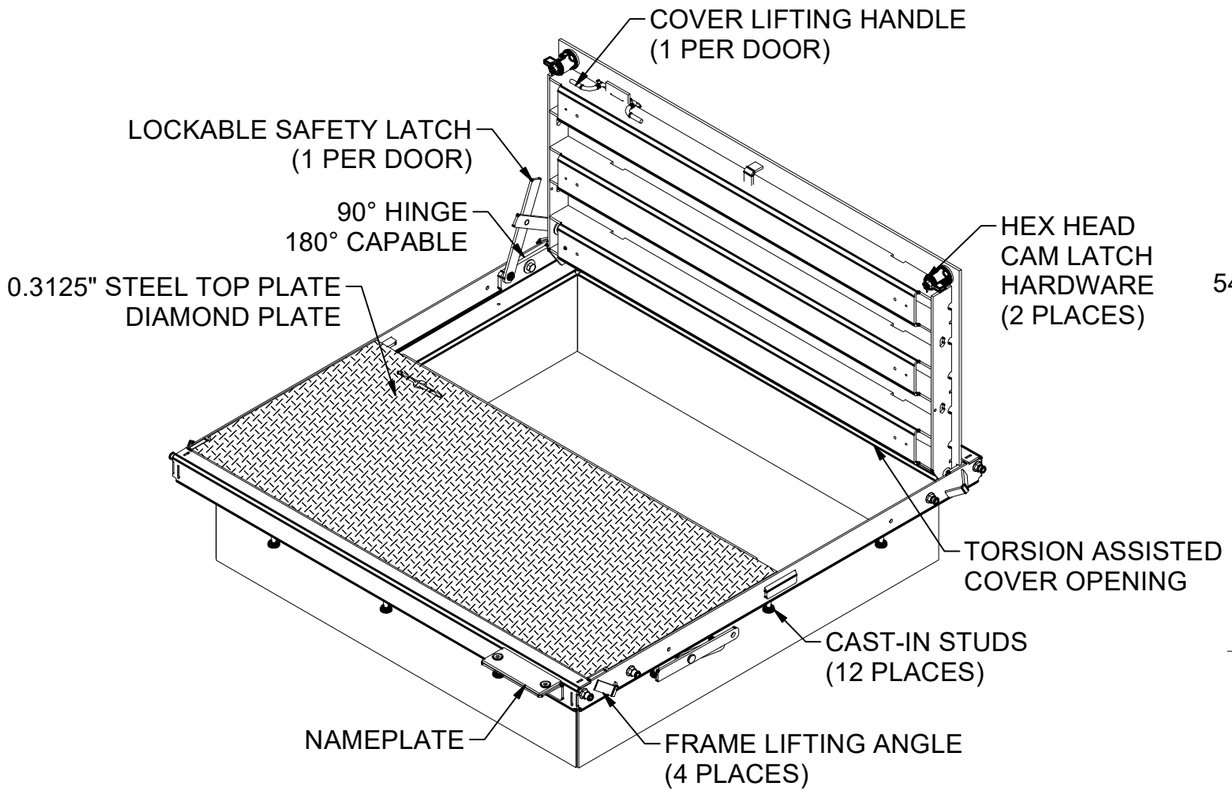
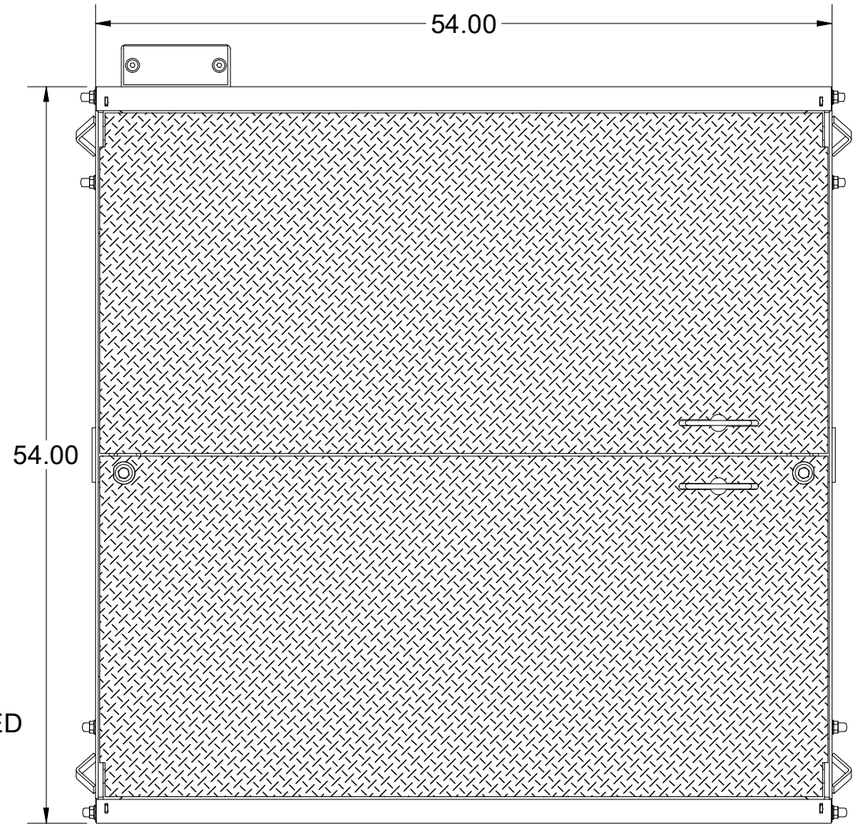
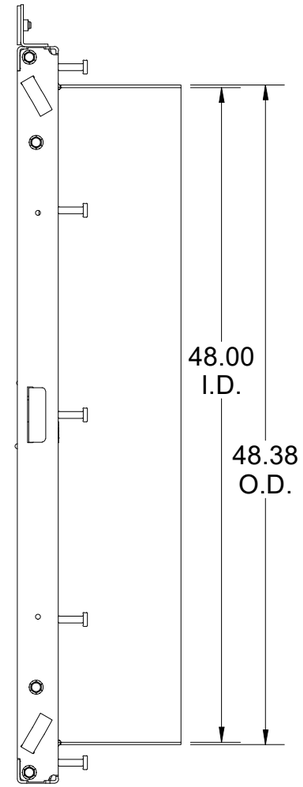
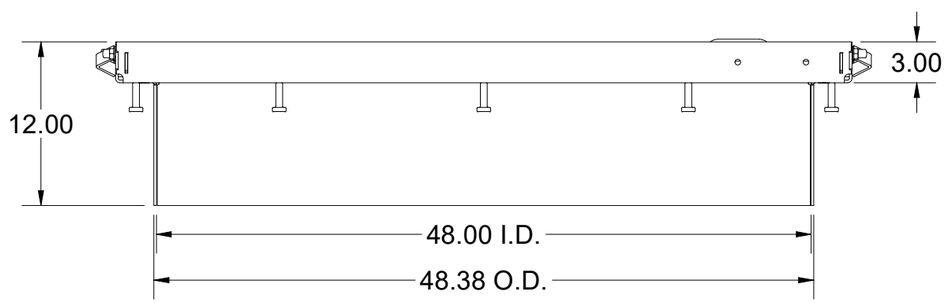






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LOADING CRITERIA: ASTM C1802 Load Level 05

16,000 lb load on 10" x 20" footprint, with 30% impact restricted to unrestricted parking lanes and alleyways where traffic speed is limited to 15 miles per hour.

SURFACE:	Diamond Plate	FINISH:	Galvanized
WEIGHT:	670.15 lbs	MARKING:	None

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DESCRIPTION: CAS2-4848-CH5-DP-G-OH12

48x48 Cover Assembly (Loading Criteria Per ASTM C1802 Load Level 05, , Steel, Hinged, Handle (1 Per Door), Diamond Plate, Galvanized , N/A, N/A) 12

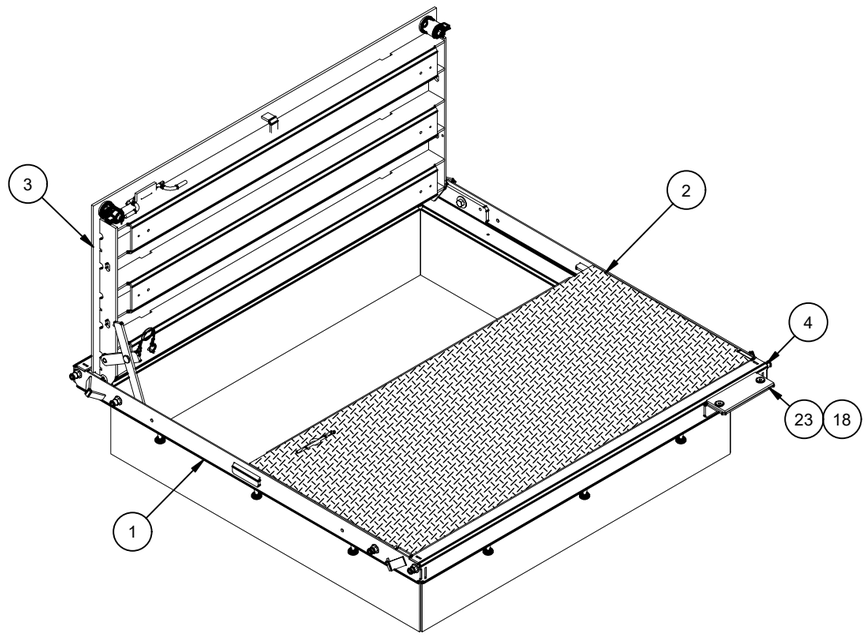
PART NUMBER:	200067110	DRAWN BY:	D. Parlee
CREATED:	5/1/2018	MODIFIED:	9/18/2023

REV: A-3

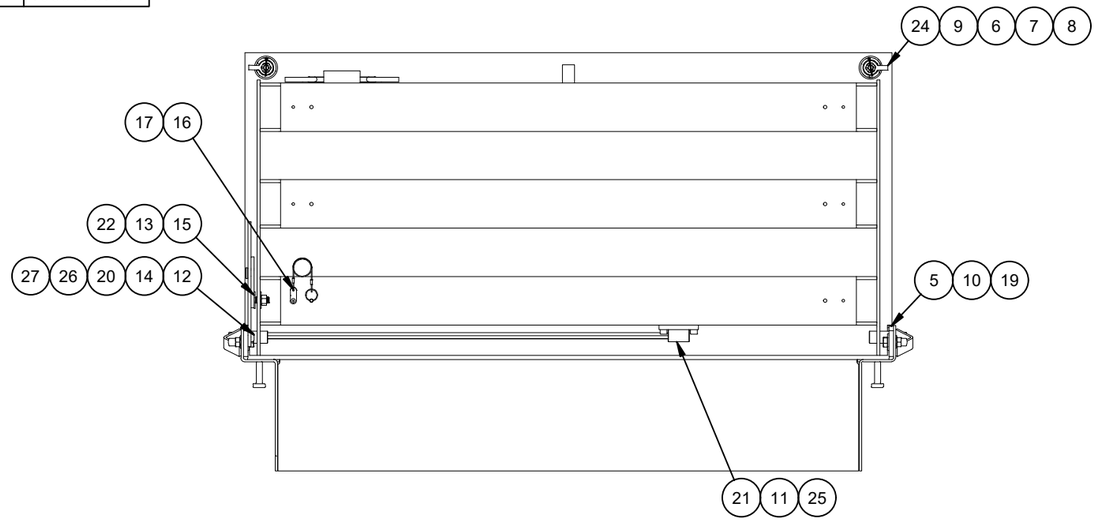
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BILL OF MATERIALS

ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	1	1	200067118	FAS-4848-CH5-R-OH12	200067118
2	1	1	200067111	DAS2-B-4848-H5-DP-R	200067111
3	1	1	200067116	DAS2-T-4848-H5-DP-R	200067116
4	4	4	100007869	BOLT SHCS 1/2-13 X 1-3/4 SS	100007869
5	4	4	100003823	BOLT HEX 1/2-13 UNC 1.5 ZINC	100003823
6	2	2	100007729	HEX NUT SLOTTED CASTLE HEAD 1/2-13 SS	100007729
7	2	2	100007857	NUT FINGER 1/2-13 BRASS	100007857
8	2	2	100007915	SPRING COMPRESSION 055 X 5/8 X 7/8 LONG	100007915
9	2	2	100007918	COTTER PIN 0.094DIA X 1-1/4	100007918
10	8	8	100007939	CAP VINYL .467 X 1/2	100007939
11	4	4	100007859	RIVET NUT 3/8-16 FLAT KNURLED	100007859
12	4	4	100007873	BOLT SHCS 3/8-16 X 1-1/4 PLATED	100007873
13	2	2	100007933	SAFETY LATCH ASSY FOR UNI AND 90 D HINGE	100007933
14	1	1	100007876	BOLT SHOULDER 3/8 X 1/2 WITH 5/16-18 THREADS GR 5 PLATED	100007876
15	2	2	100007492	HEX NUT NYLOCK - 1/2-13 UNC - GR5 - ZINC	100007492
16	2	2	100007924	LANYARD 3/64 W/PIN COATED SS	100007924
17	2	2	100007882	Rivet Blind Grip .1875" Large Domed Head Range-0.376-0.5" Steel	100007882
18	2	2	100007733	BOLT SOCKET FLAT COUNTERSUNK HEAD - 1/2-13 UNC - 1.00 - GR 5 - ZINC	100007733
19	2	2	100007666	HINGE ASSY STL RIGHT	100007666
20	2	2	100007659	HINGE ASSY STL LEFT .50	100007659
21	2	2	100007671	SPRING MOUNT ASSY .500	100007671
22	8	8	100011418	WASHER FLAT 1/2 X 1 3/8 USS TYPE A ZINC	100011418
23	1	1	100007391	NAME PLATE STEEL - BLANK	100007391
24	2	2	100011407	BOLT HEX 1/2-13 UNC 2.25 ZINC	100011407
25	2	2	100007727	TORSION HEX ROD .5 x 36in RAW	100007727
26	8	8	100026256	LOW-STRENGTH STEEL FLANGE NUT, 1/2" - 13 THREAD SIZE	100026256
27	1	1	100007876	BOLT SHOULDER 3/8 X 1/2 WITH 3/8-16 UNC THREADS GR 5 PLATED	100007876



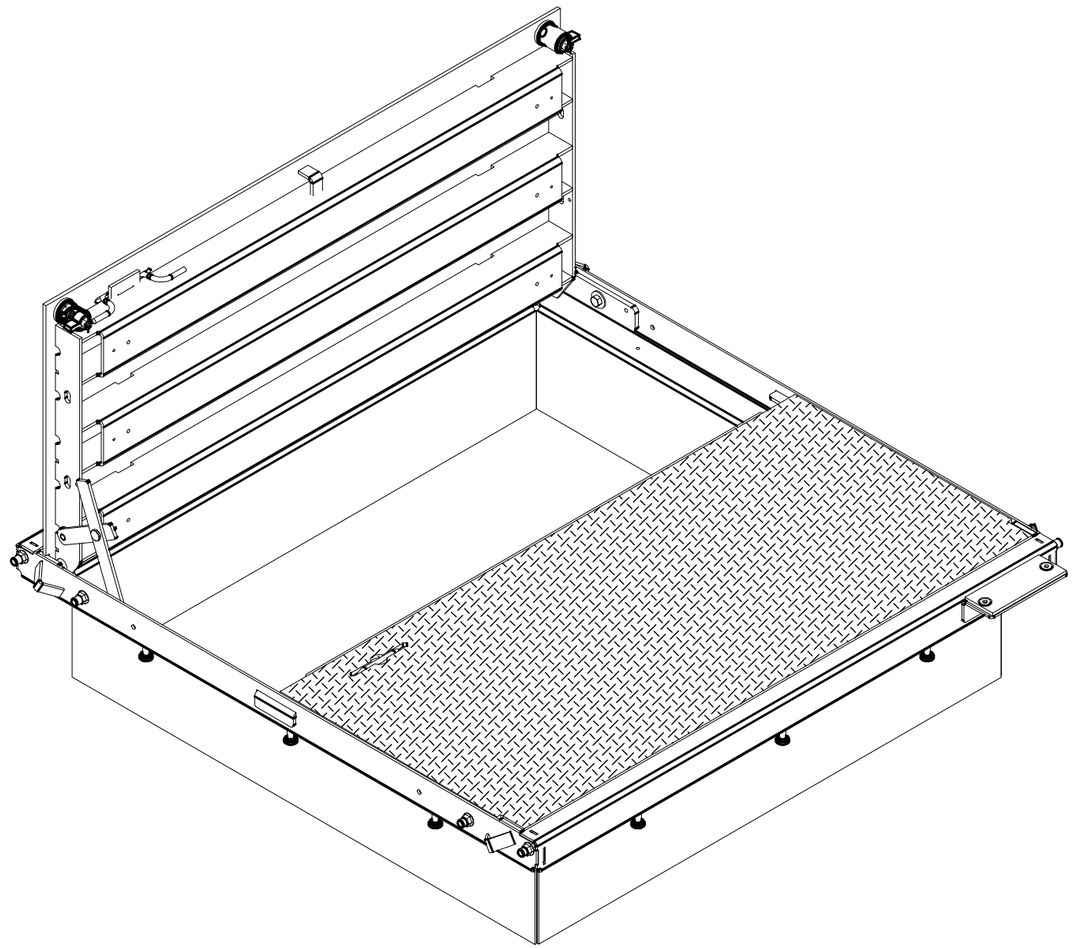
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MATERIAL FINISH: Galvanized	JENSEN METALTECH 450 E. GLENDALE AVE. SPARKS. NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2023 Jensen Precast- All rights reserved. All materials appearing as Jensen Precast documents and the like are proprietary work product and are protected under U.S. copyright and other laws. Unless in conjunction with business conducted with Jensen Precast, any use of Jensen Precast work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action.	PART NUMBER & DESCRIPTION: 200067110 CAS2-4848-CH5-DP-G-OH12	REV: A-3
MATERIAL SURFACE: Diamond Plate			WEIGHT: 670.15 Lbs CREATED: 5/1/2018	DRAWN BY: D. Parlee MODIFIED: 9/18/2023	SHEET: 2

BURN LIST - BOM

PART NAME	ITEM QTY	QTY	DESCRIPTION	STOCK NUMBER	MATERIAL	MASS	SHEET
200013208	1	3.163 lbmass	Door Component Steel Lap Bar 48in	100007735	STL ASTM A36 SM-HRPO RAW .250	7.099 lbmass	07
200067113	6	196.682 lbmass	Door Component Steel Channel	100007820	SHT STL GR80 SM-HR RAW .25	32.780 lbmass	08
200067117	1	129.359 lbmass	Door Component Steel Plate, Top	100007824	SHT STL CQ DP RAW .3125	129.359 lbmass	09
200067114	1	129.772 lbmass	Door Component Steel Plate, Bottom	100007824	SHT STL CQ DP RAW .3125	129.772 lbmass	10
200067115	4	14.476 lbmass	Door Component Steel Side Bar	100007735	STL ASTM A36 SM-HRPO RAW .250	3.619 lbmass	11
200067119	2	85.352 lbmass	Frame Component Steel Frame End, Cast In	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	42.676 lbmass	12
200067120	2	76.749 lbmass	Frame Component Steel Frame Side, Cast In	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	38.374 lbmass	13



200067110.idw

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: Diamond Plate

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PART NUMBER & DESCRIPTION: 200067110 CAS2-4848-CH5-DP-G-OH12

REV: A-3

WEIGHT: 670.15 Lbs

DRAWN BY: D. Parlee

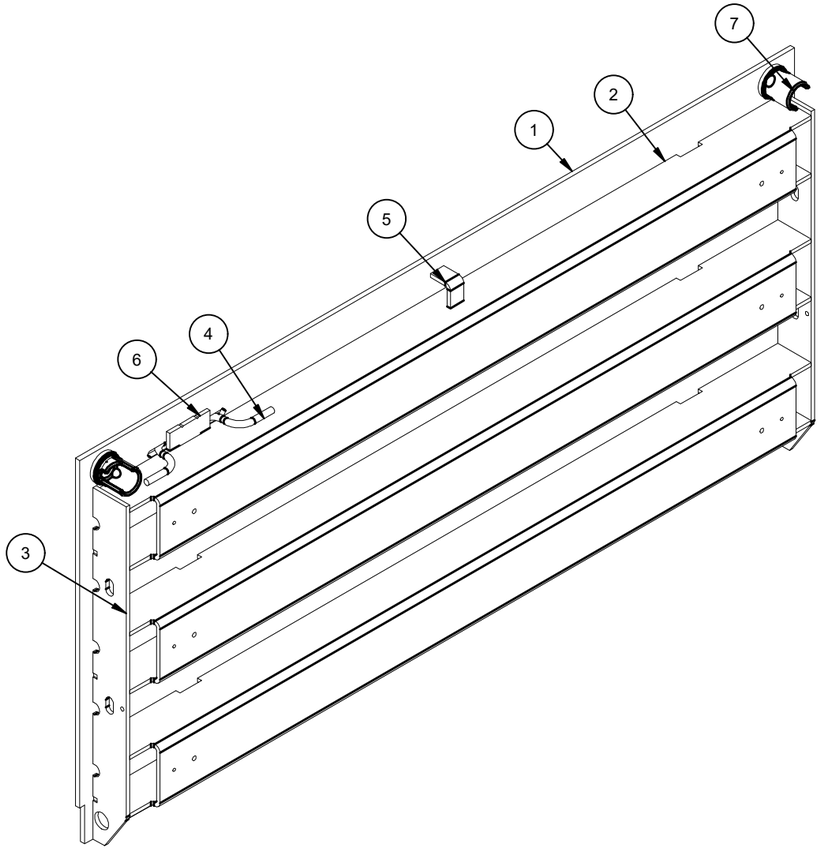
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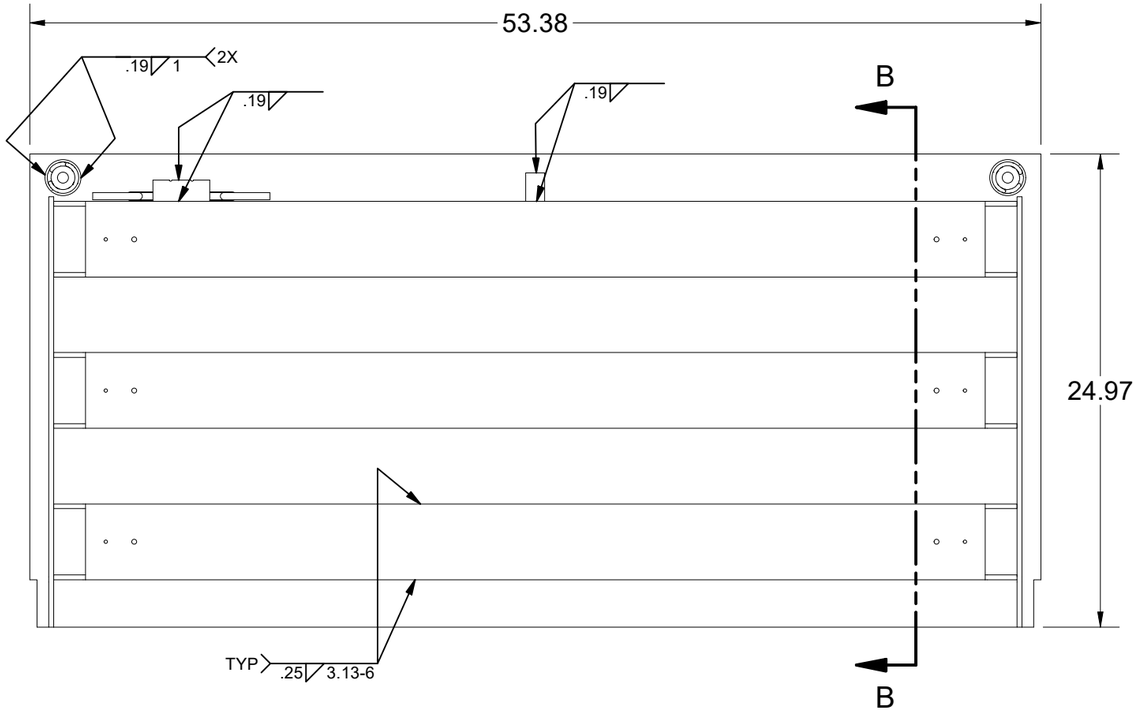
CREATED: 5/1/2018

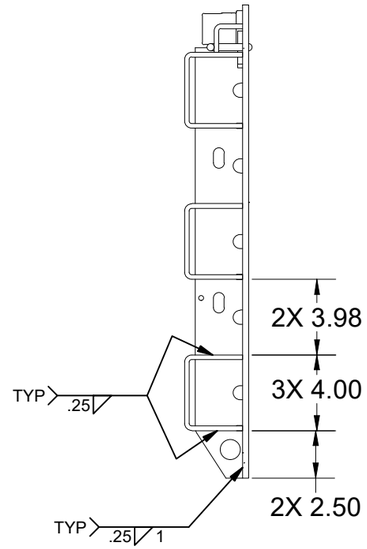
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BILL OF MATERIALS

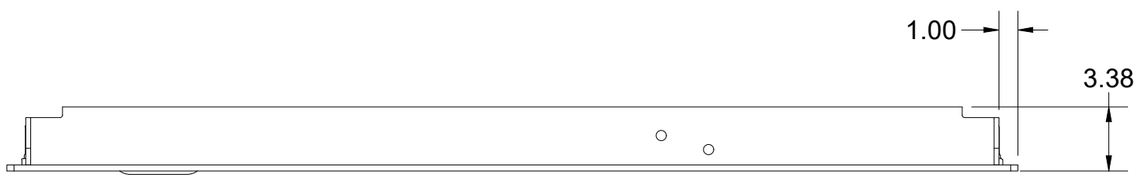
ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	1	129.359 lbmass	100007824	Door Component Steel Plate, Top	200067117
2	3	98.341 lbmass	100007820	Door Component Steel Channel	200067113
3	2	7.238 lbmass	100007735	Door Component Steel Side Bar	200067115
4	1	1	100007644	LEAF PULL HANDLE A36 3/8IN DIAMETER	100007644
5	1	1	100007647	LIFTING BRACKET STEEL LEAF	100007647
6	1	1	100007646	HANDLE RETAINER STL	100007646
7	2	2	100007970	CAM TOWER CAST STEEL	100007970







SECTION B-B

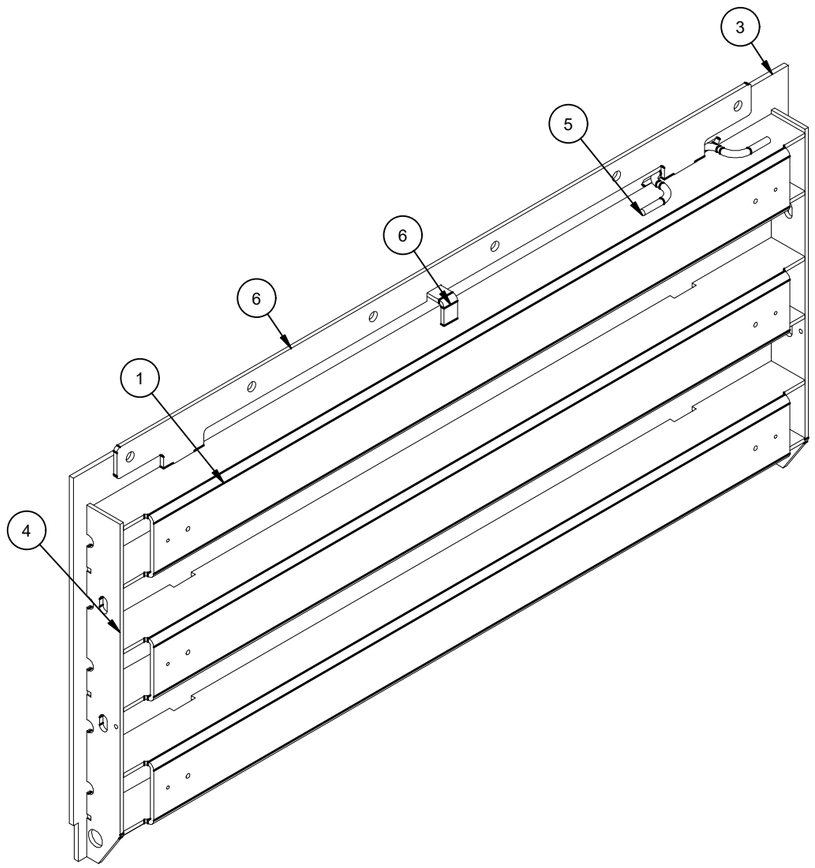


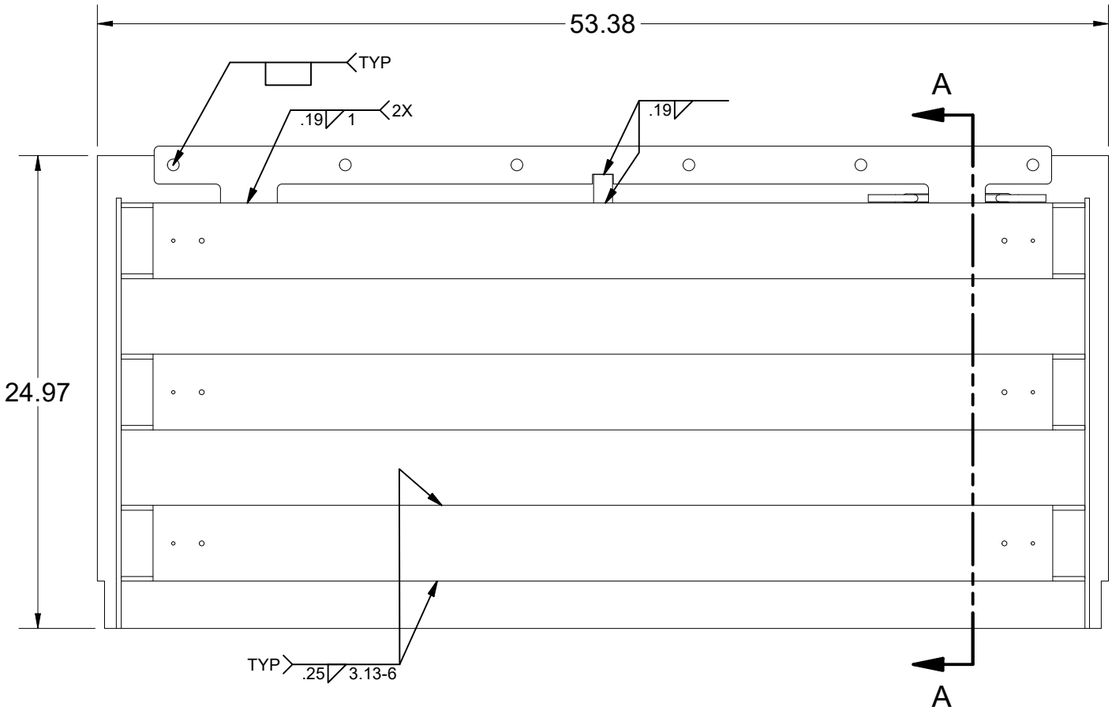
MATERIAL FINISH: Raw	JENSEN METALTECH	©2023 Jensen Precast- All rights reserved. All materials appearing as Jensen Precast documents and the like are proprietary work product and are protected under U.S. copyright and other laws. Unless in conjunction with business conducted with Jensen Precast, any use of Jensen Precast work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action.	PART NUMBER & DESCRIPTION: 200067116 DAS2-T-4848-H5-DP-R	REV: A-3
MATERIAL SURFACE: Diamond Plate	450 E. GLENDALE AVE. SPARKS. NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*		WEIGHT: 236.69 Lbs / DRAWN BY: D. Parlee	SHEET: 4
			CREATED: 5/1/2018 / MODIFIED: 9/18/2023	

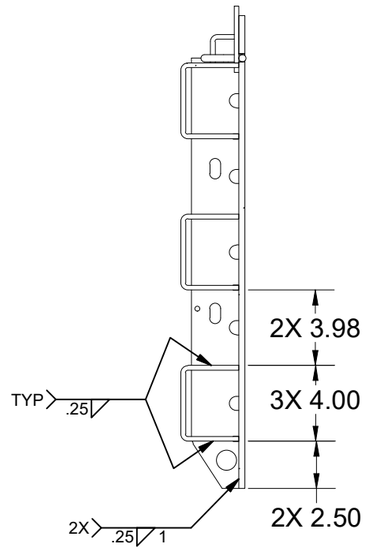
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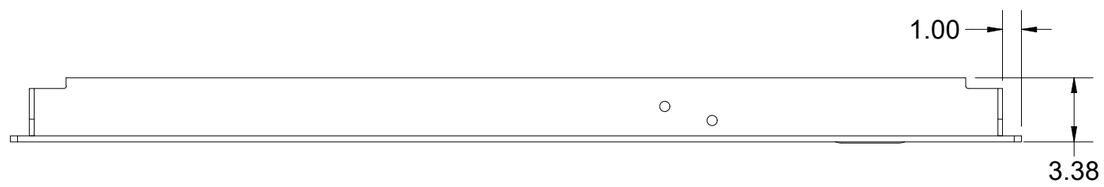
ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	3	98.341 lbmass	100007820	Door Component Steel Channel	200067113
3	1	129.772 lbmass	100007824	Door Component Steel Plate, Bottom	200067114
4	2	7.238 lbmass	100007735	Door Component Steel Side Bar	200067115
5	1	1	100007644	LEAF PULL HANDLE A36 3/8IN DIAMETER	100007644
6	1	1	100007647	LIFTING BRACKET STEEL LEAF	100007647
6	1	3.163 lbmass	100007735	Door Component Steel Lap Bar 48in	200013208







SECTION A-A

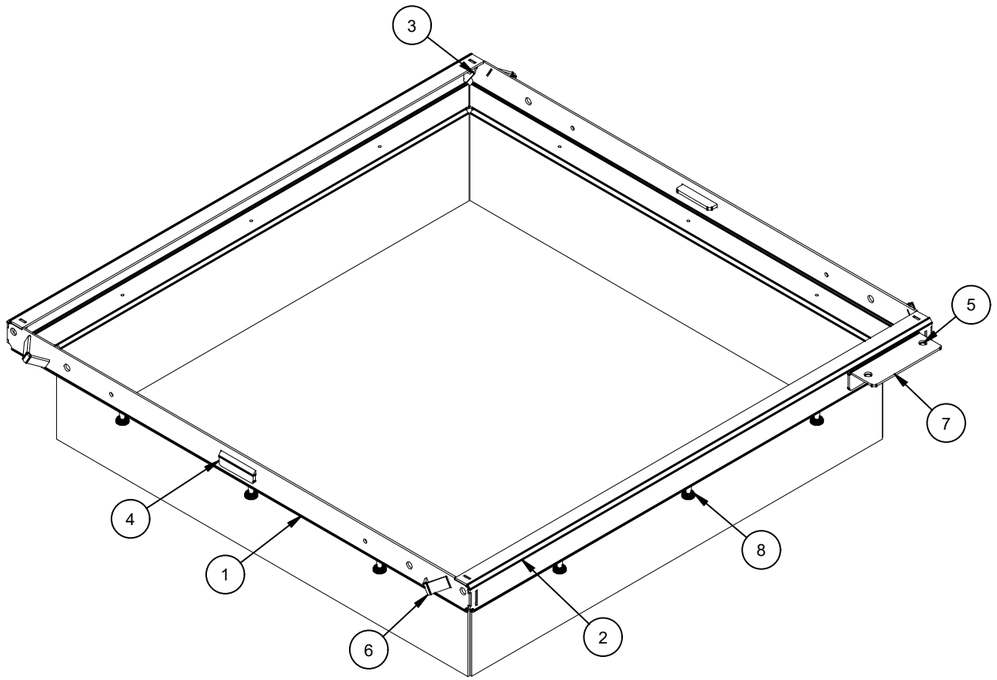


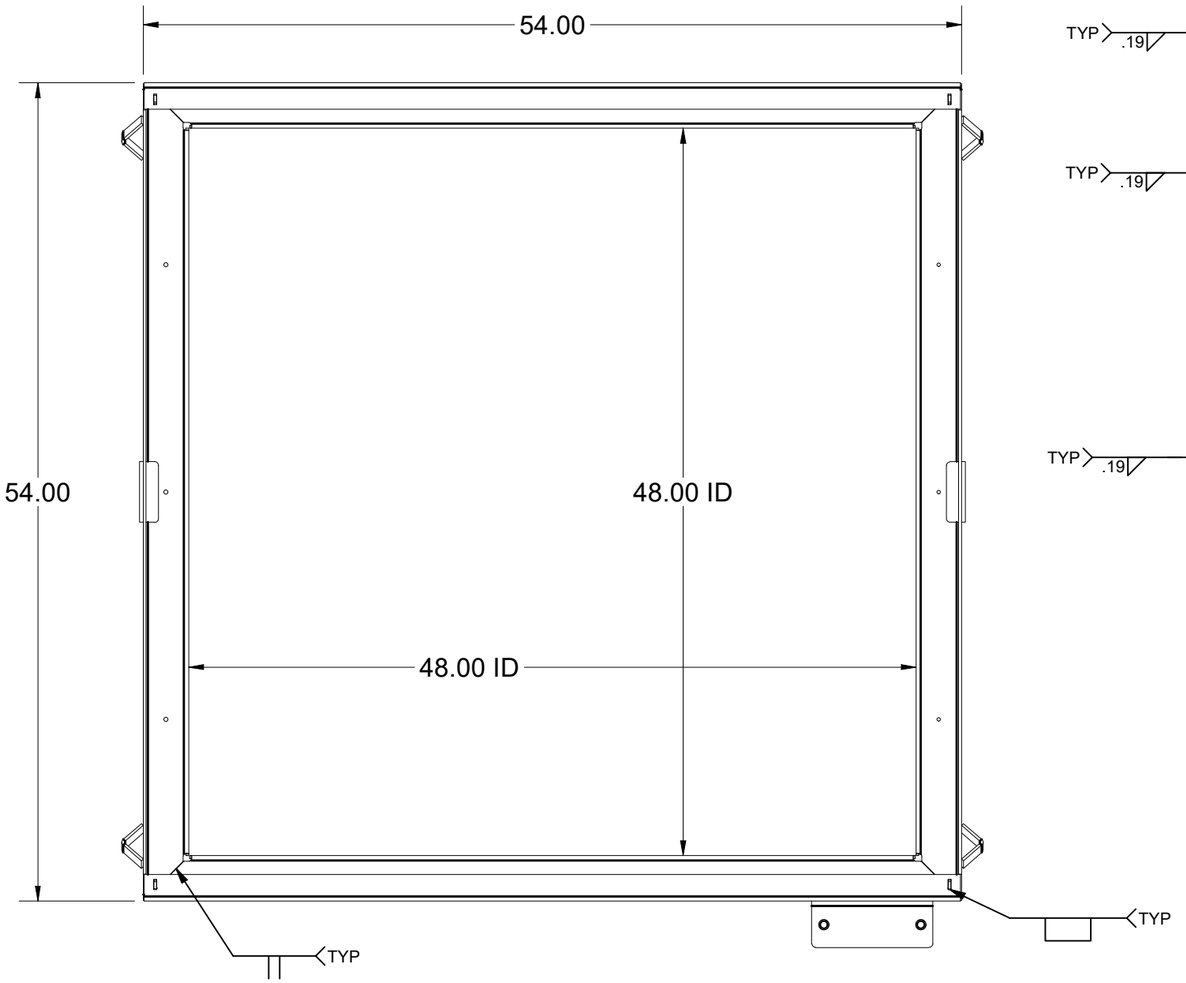
MATERIAL FINISH: Raw	JENSEN METALTECH 450 E. GLENDALE AVE. SPARKS. NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2023 Jensen Precast- All rights reserved. All materials appearing as Jensen Precast documents and the like are proprietary work product and are protected under U.S. copyright and other laws. Unless in conjunction with business conducted with Jensen Precast, any use of Jensen Precast work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action.	PART NUMBER & DESCRIPTION: 200067111 DAS2-B-4848-H5-DP-R	REV: A-3
MATERIAL SURFACE: Diamond Plate			WEIGHT: 242.68 Lbs / DRAWN BY: D. Parlee	SHEET: 5
			CREATED: 5/1/2018 / MODIFIED: 9/18/2023	

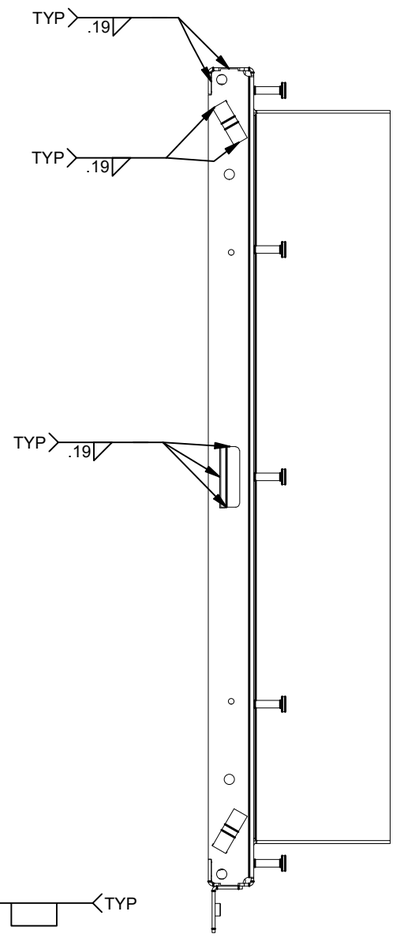
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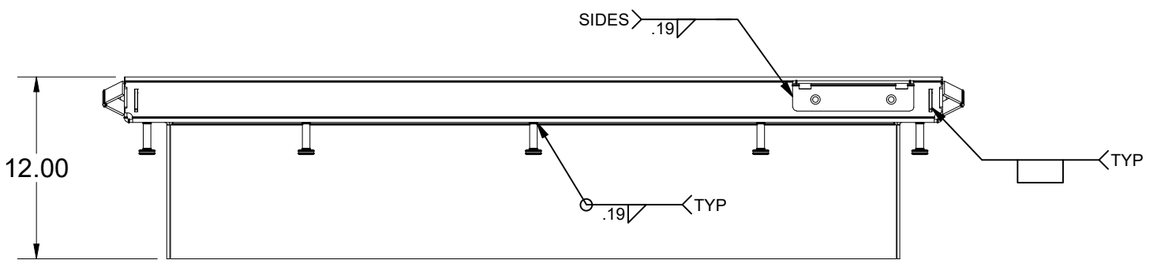
BILL OF MATERIALS

ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	2	76.749 lbmass	100007734	Frame Component Steel Frame Side, Cast In	200067120
2	2	85.352 lbmass	100007734	Frame Component Steel Frame End, Cast In	200067119
3	4	4	200018691	FRAME BOLT DOUBLER SLOT	100007668
4	2	2	100007636	FRAME LATCH ANGLE - A36 - 4IN LONG	100007636
5	2	2	100007728	NUT SELF-CLINCH 1/2-13 S-0813-1 RAW	100007728
6	4	4	100007641	FRAME LIFTING BRACKET	100007641
7	1	1	100007667	NAME PLATE FRAME ANGLE	100007667
8	12	12	100007889	STUD NELSON WELD H4L-HEADED A36 1/2X2-1/8	100007889



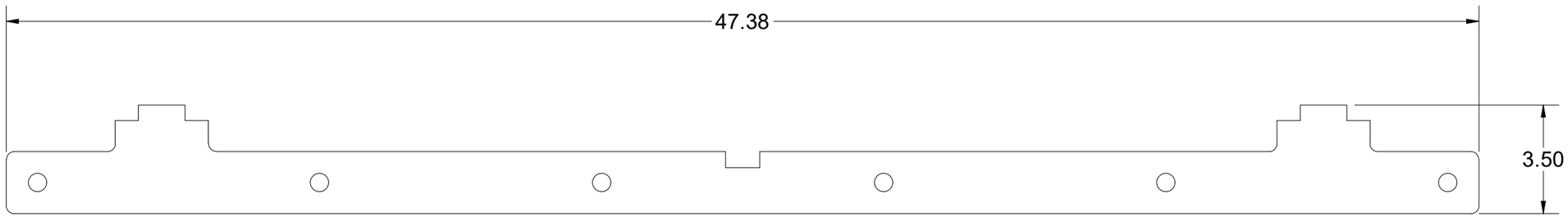


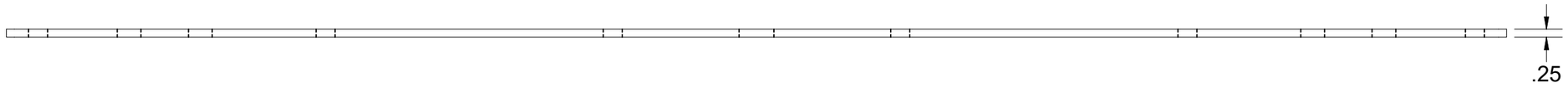




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MATERIAL FINISH: Raw	JENSEN METALTECH 450 E. GLENDALE AVE. SPARKS. NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2023 Jensen Precast- All rights reserved. All materials appearing as Jensen Precast documents and the like are proprietary work product and are protected under U.S. copyright and other laws. Unless in conjunction with business conducted with Jensen Precast, any use of Jensen Precast work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action.	PART NUMBER & DESCRIPTION: 200067118 FAS-4848-CH5-R-OH12	REV: A-3
MATERIAL SURFACE: Smooth			WEIGHT: 140 Lbs CREATED: 5/1/2018	DRAWN BY: D. Parlee MODIFIED: 9/18/2023	SHEET: 6





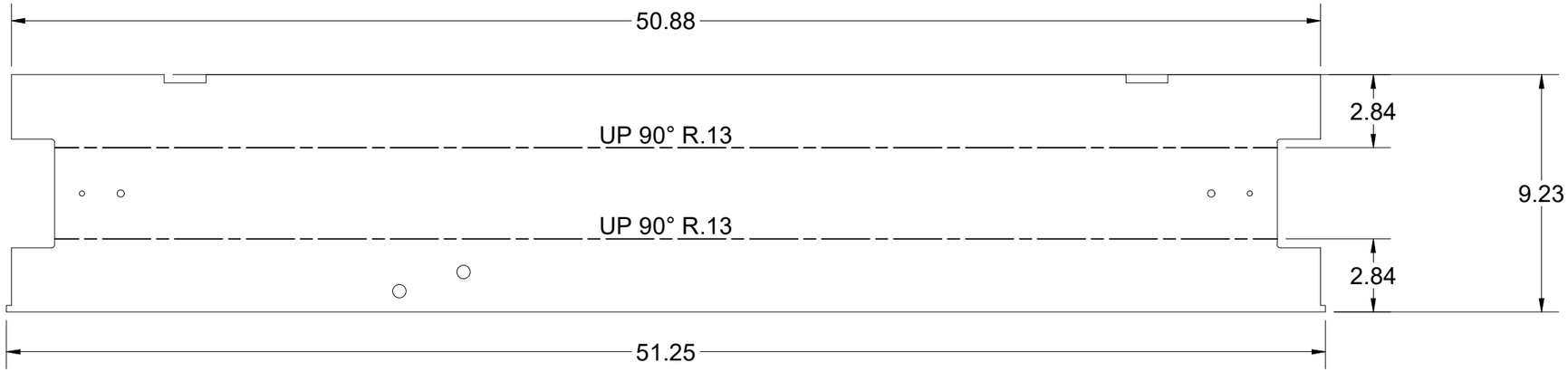
BEND TABLE				MATERIAL IFS: 100007735
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25
-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250

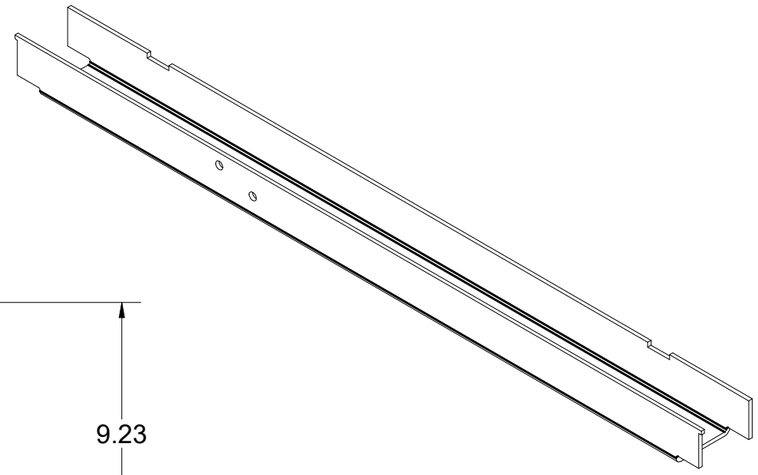
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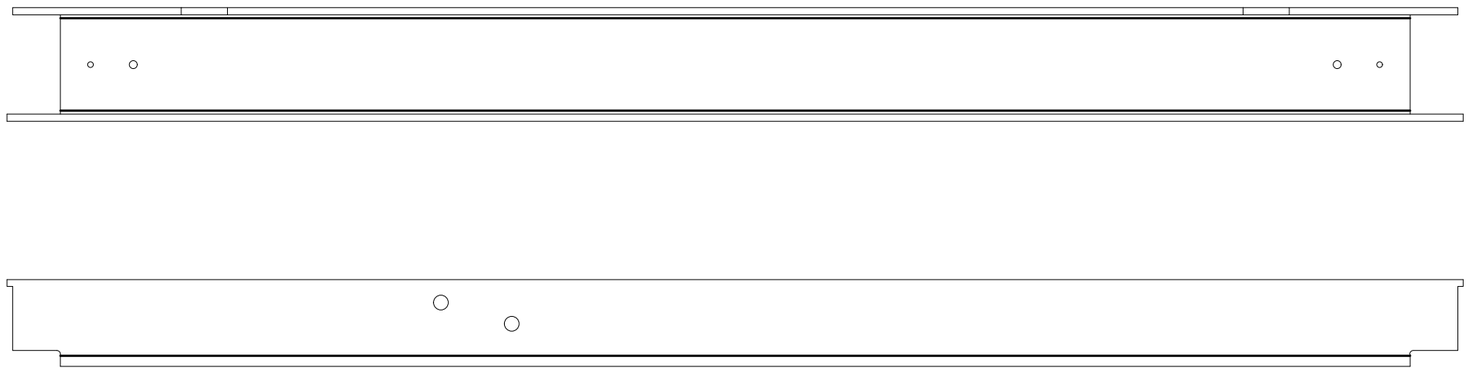
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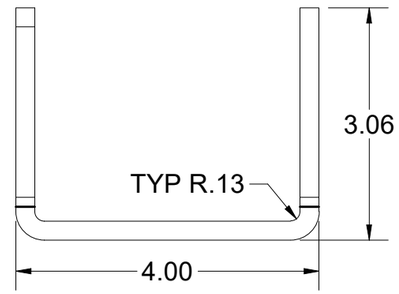
NAME & DESCRIPTION:		REV:
200013208 Door Component Steel Lap Bar 48in		A-3
WEIGHT: 7.099 lbmass	DRAWN BY: D. Parlee	SHEET:
CREATED: 5/1/2018	MODIFIED: 9/18/2023	7 OF 13

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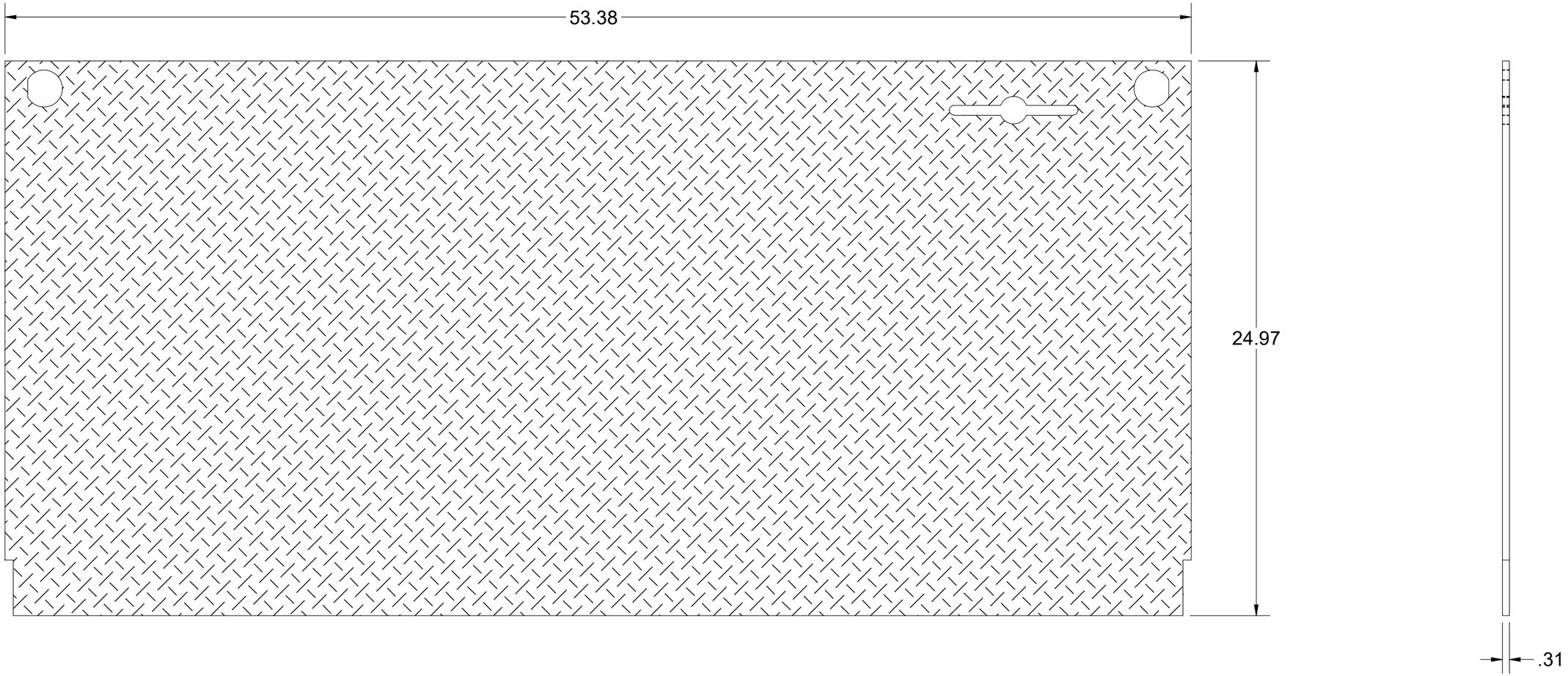


BEND TABLE				MATERIAL IFS: 100007820		NAME & DESCRIPTION: 200067113 Door Component Steel Channel		REV: A-3
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25				
0.125	2.5	90	0.450	MAT DESCRIPTION: SHT STL GR80 SM-HR RAW .25		WEIGHT: 32.780 lbmass	DRAWN BY: D. Parlee	SHEET: 3 OF 13
						CREATED: 5/1/2018	MODIFIED: 9/18/2023	

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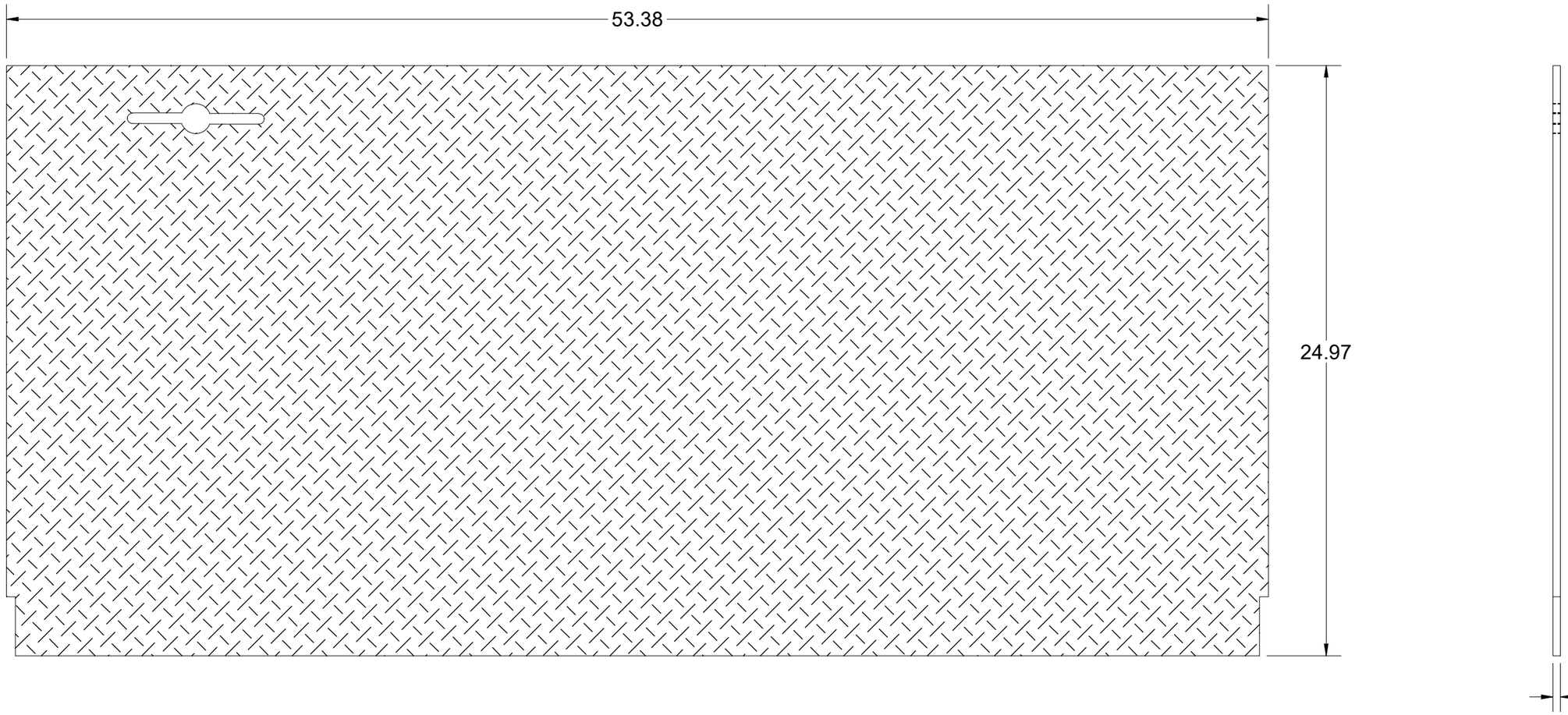
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BEND TABLE				MATERIAL IFS: 100007824
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.3125
-	-	-	-	MAT DESCRIPTION: SHT STL CQ DP RAW .3125

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NAME & DESCRIPTION: 200067117 Door Component Steel Plate, Top		REV: A-3
WEIGHT: 129.359 lbmass	DRAWN BY: D. Parlee	SHEET: 9 OF 13
CREATED: 5/1/2018	MODIFIED: 9/18/2023	



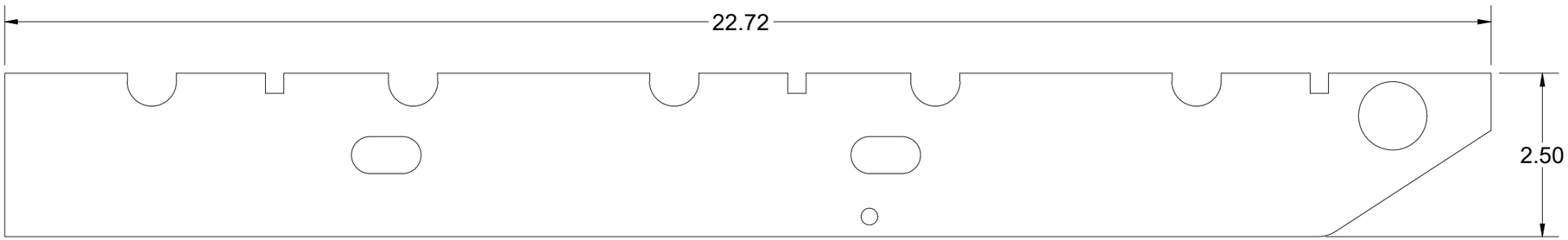
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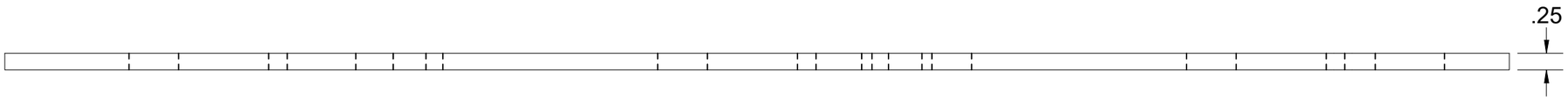
BEND TABLE				MATERIAL IFS: 100007824
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.3125
-	-	-	-	MAT DESCRIPTION: SHT STL CQ DP RAW .3125

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NAME & DESCRIPTION: 200067114 Door Component Steel Plate, Bottom		REV: A-3
WEIGHT: 129.772 lbmass	DRAWN BY: D. Parlee	SHEET: 10 OF 13
CREATED: 5/1/2018	MODIFIED: 9/18/2023	





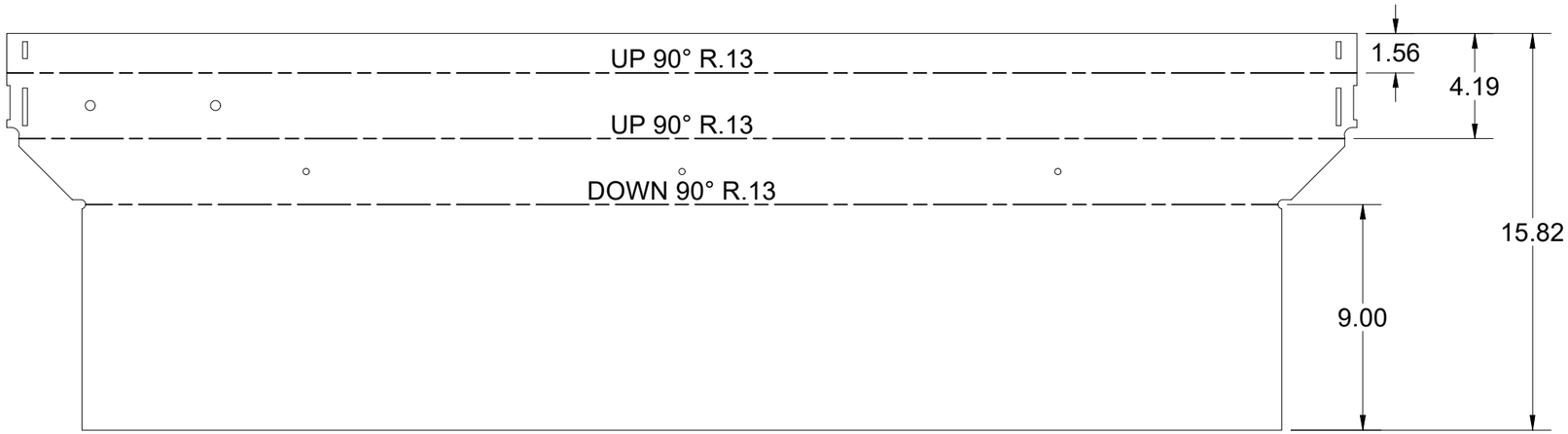
BEND TABLE				MATERIAL IFS: 100007735
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25
-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250

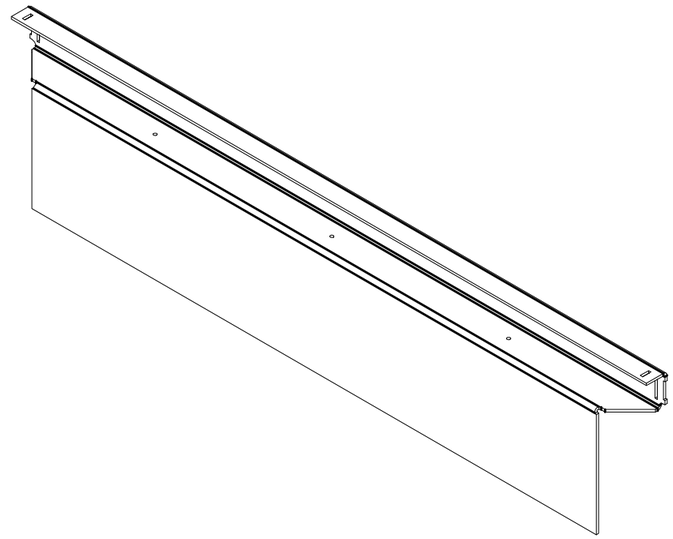
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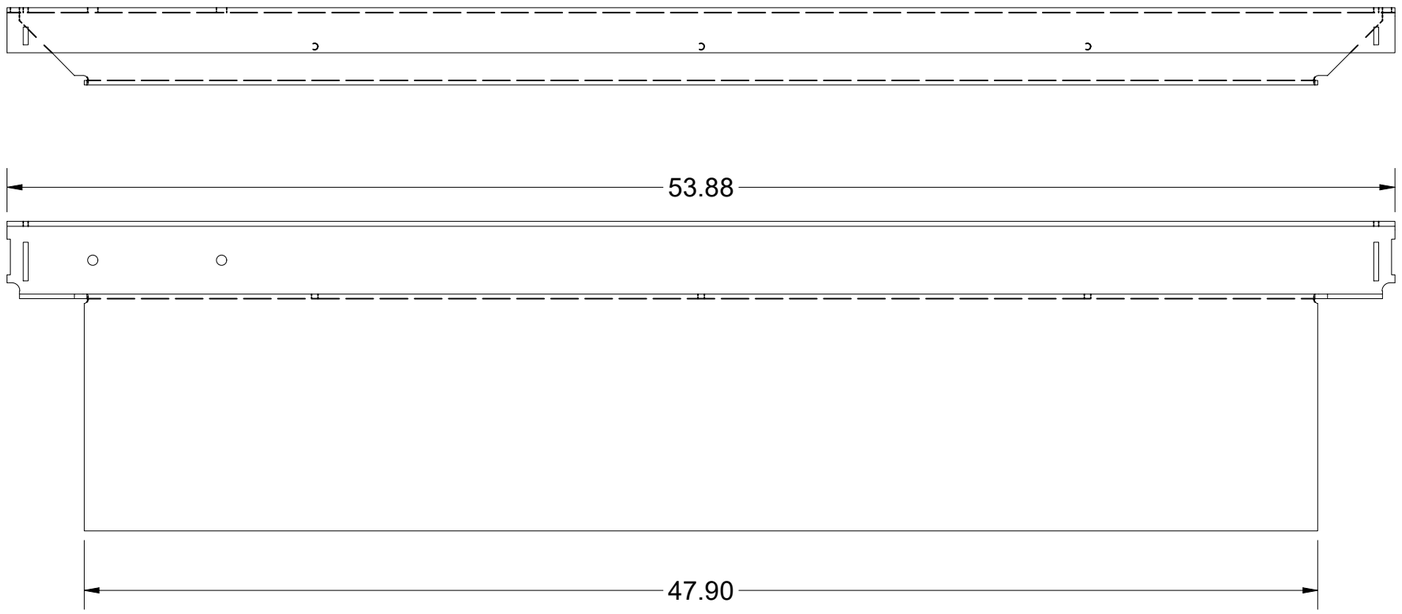
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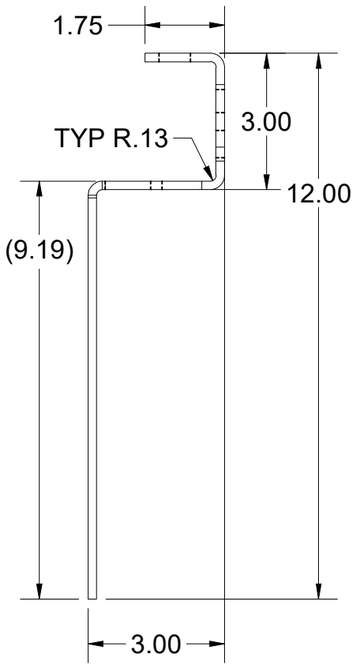
NAME & DESCRIPTION:		REV:
200067115 Door Component Steel Side Bar		A-3
WEIGHT: 3.619 lbmass	DRAWN BY: D. Parlee	SHEET: 11 OF 13
CREATED: 5/1/2018	MODIFIED: 9/18/2023	

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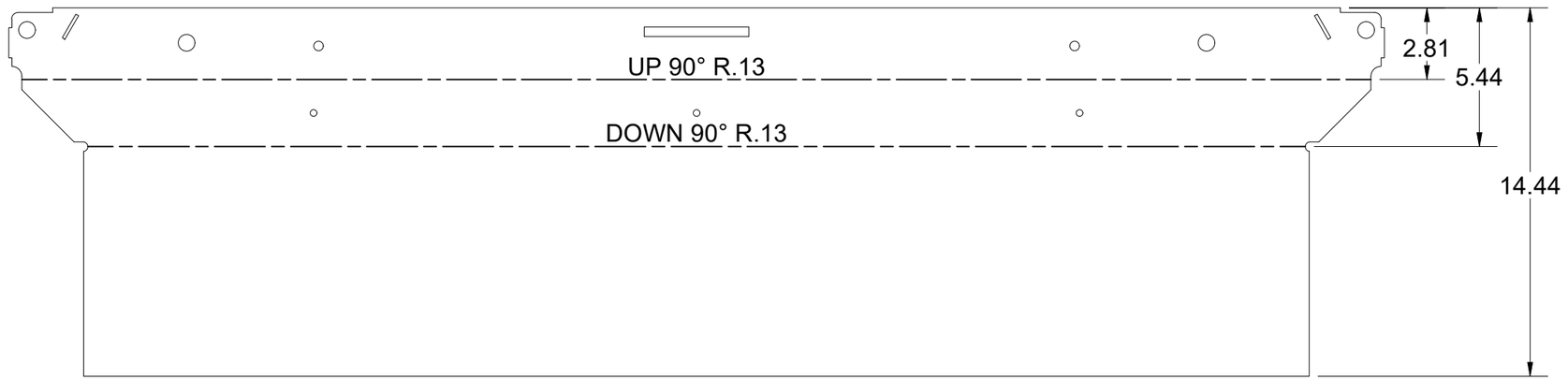
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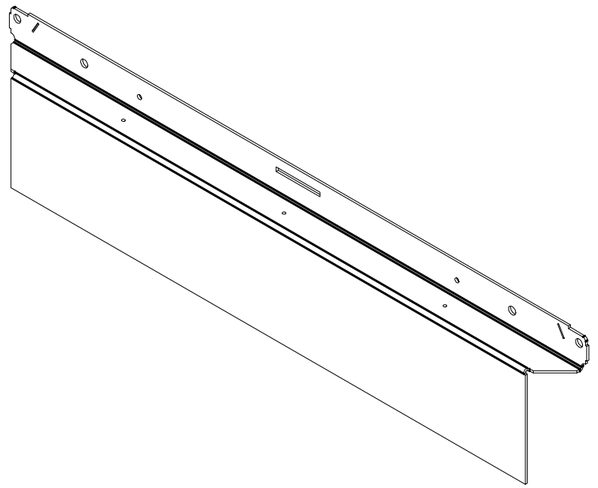
BEND TABLE				MATERIAL IFS: 100007734			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1875			
0.125	2	90	0.3750	MAT DESCRIPTION: STL ASTM A36 SM-HRPO 60X120 RAW .1875			

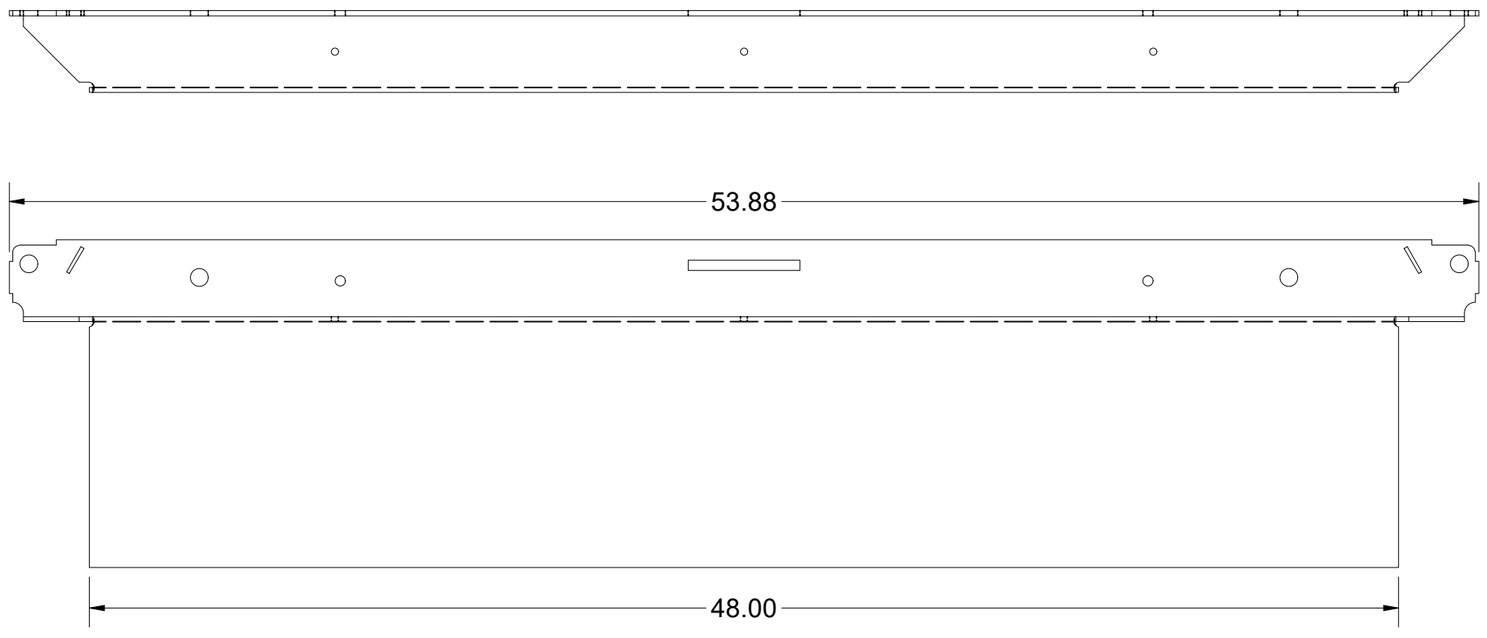
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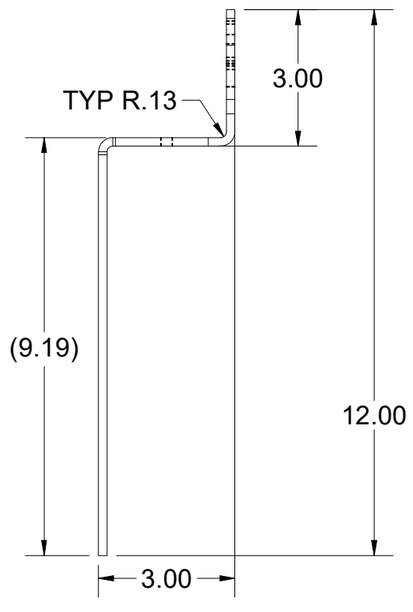
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NAME & DESCRIPTION: 200067119 Frame Component Steel Frame End, Cast In		REV: A-3
WEIGHT: 42.676 lbmass	DRAWN BY: D. Parlee	SHEET: 12 OF 13
CREATED: 5/1/2018	MODIFIED: 9/18/2023	









BEND TABLE				MATERIAL IFS: 100007734
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1875
0.125	2	90	0.3750	MAT DESCRIPTION: STL ASTM A36 SM-HRPO 60X120 RAW .1875

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NAME & DESCRIPTION: 200067120 Frame Component Steel Frame Side, Cast In		REV: A-3
WEIGHT: 38.374 lbmass	DRAWN BY: D. Parlee	SHEET: 13 OF 13
CREATED: 5/1/2018	MODIFIED: 9/18/2023	

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