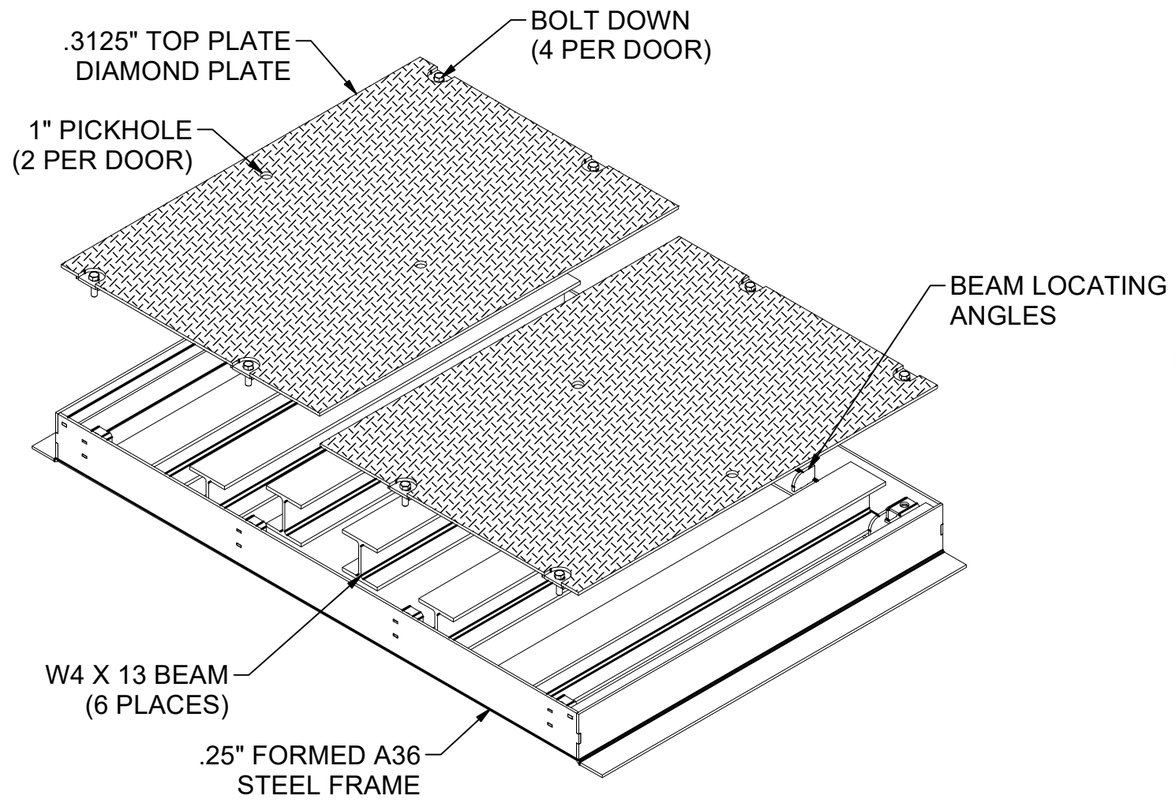
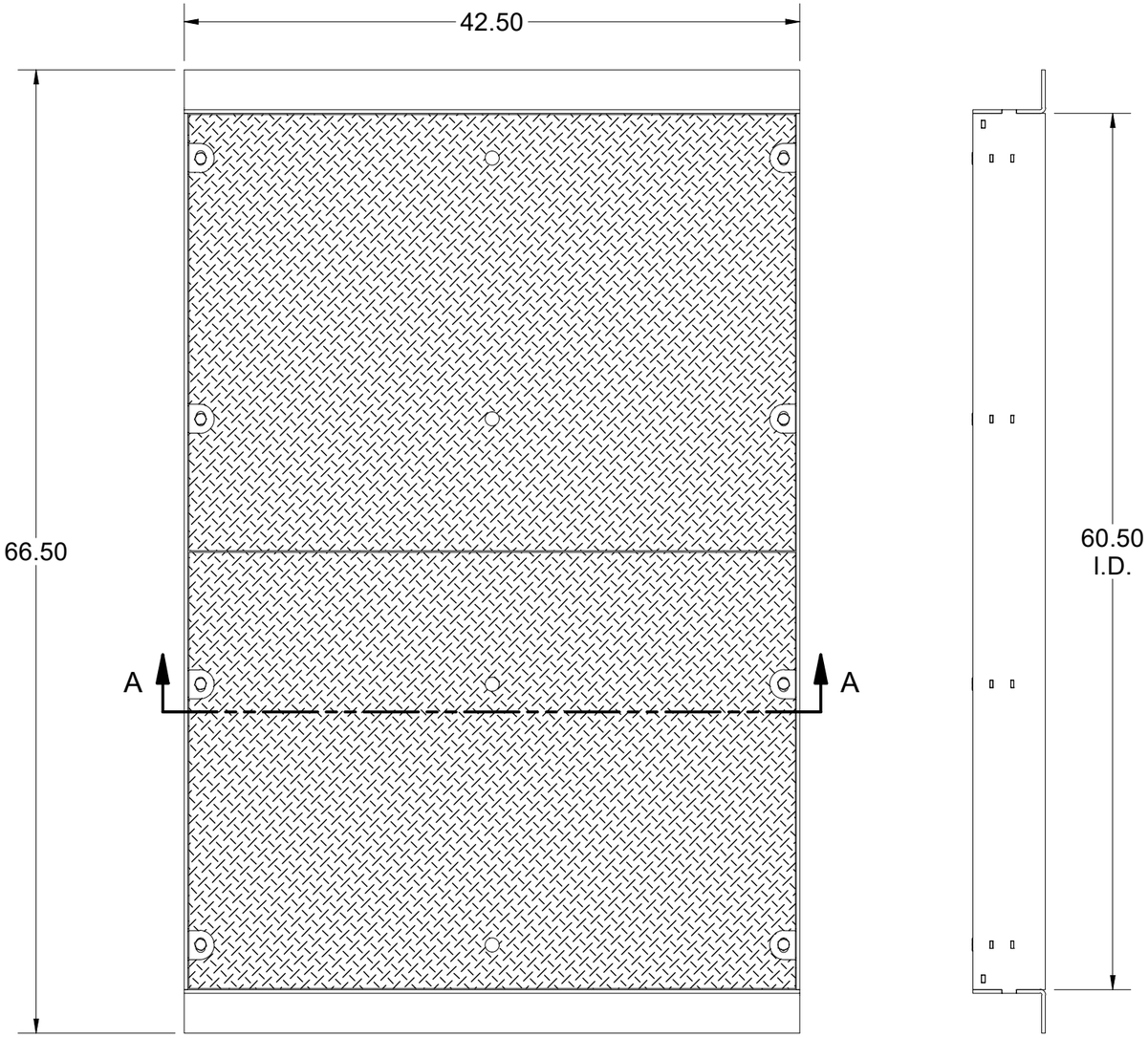
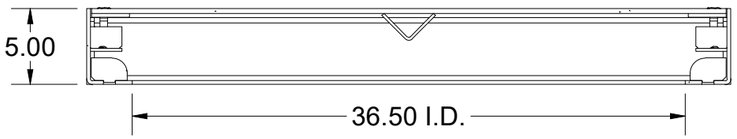






SECTION A-A

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:	Raw
WEIGHT:	654.78 lbs	MARKING:	None

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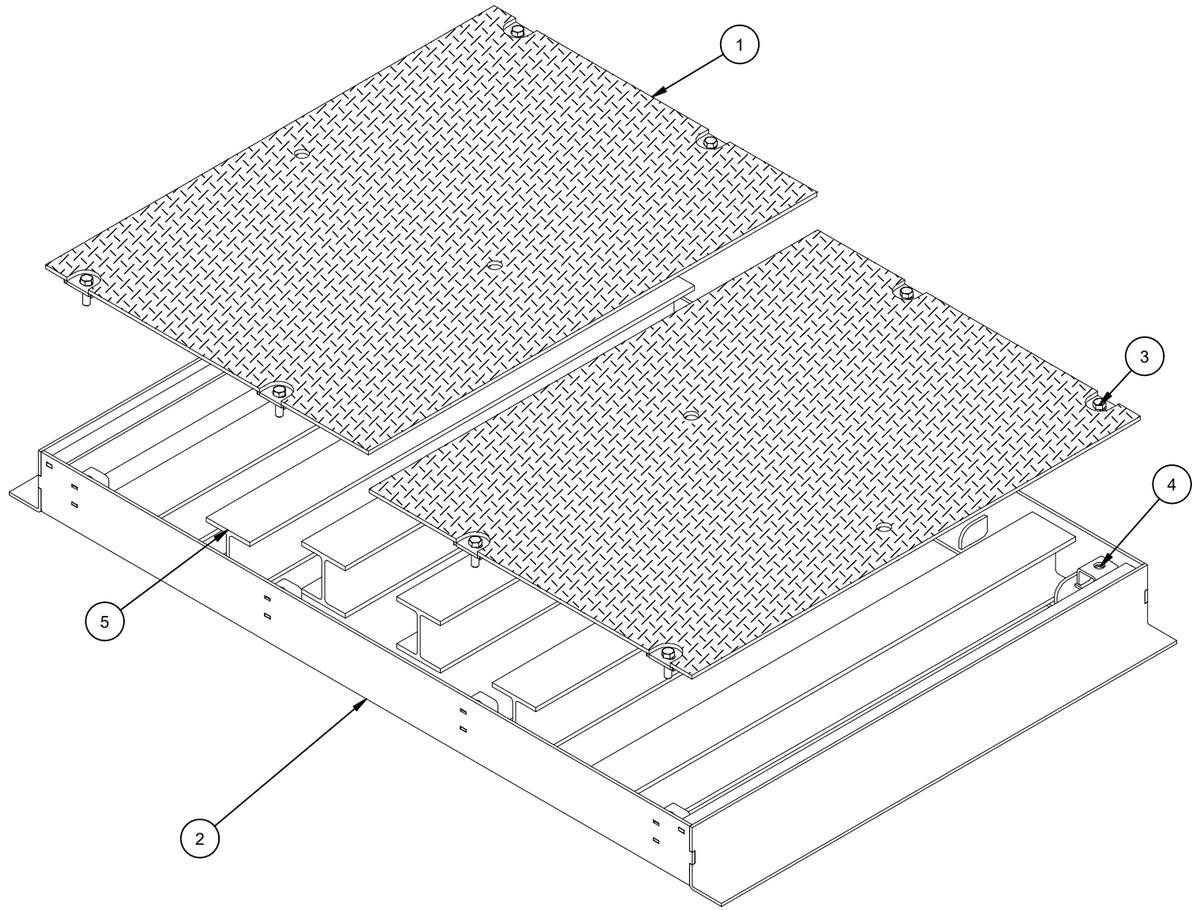
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DESCRIPTION:	CAS2-4260-CD5-DP-R-BD-OH08-(SP400) 42x60 Standard Cover Assembly (ASTM C1802 Load Level 05, Steel, Drop In, Pickhole, Diamond Plate, Raw (SP400)) 08	REV:	A-1-1
PART NUMBER:	100007333	DRAWN BY:	A. Billett
CREATED:	2/25/2020	MODIFIED:	9/10/2026
		SHEET:	1

100007333.idw

BILL OF MATERIALS

ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	2	2	200036568	DAS2-SD-4260-D5-DP-R-(SP400)	200036568
2	1	1	200036496	FAS-4260-AD5-R-OH05-(SP400)	200036496
3	8	8	100008010	BOLT HEX 1/2-13 UNC 1.75 ZINC	100008010
4	8	8	100007441	STRUT FITTING SPRING NUT 1/2-13 UNC 1-5/8 CHANNEL REGULAR SPRING ZINC	100007441
5	6	249.000 in	100004822	STRUCTURAL I BEAM - W4 x 13 (4.16x4.06)	100004822



100007333.idw

REVISION HISTORY		
DESCRIPTION	DATE	REVISED BY
61194-2: FIXED BURN LIST AND UPDATED V-OPENING FOR SPRING NUT BRACKET.	7/16/2026	C. HEYWOOD

MATERIAL FINISH: Raw

MATERIAL SURFACE: Diamond Plate

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PART NUMBER & DESCRIPTION: 100007333
CAS2-4260-CD5-DP-R-BD-OH08-(SP400)

REV: A-1-1

WEIGHT: 654.78 Lbs

DRAWN BY: A. Billett

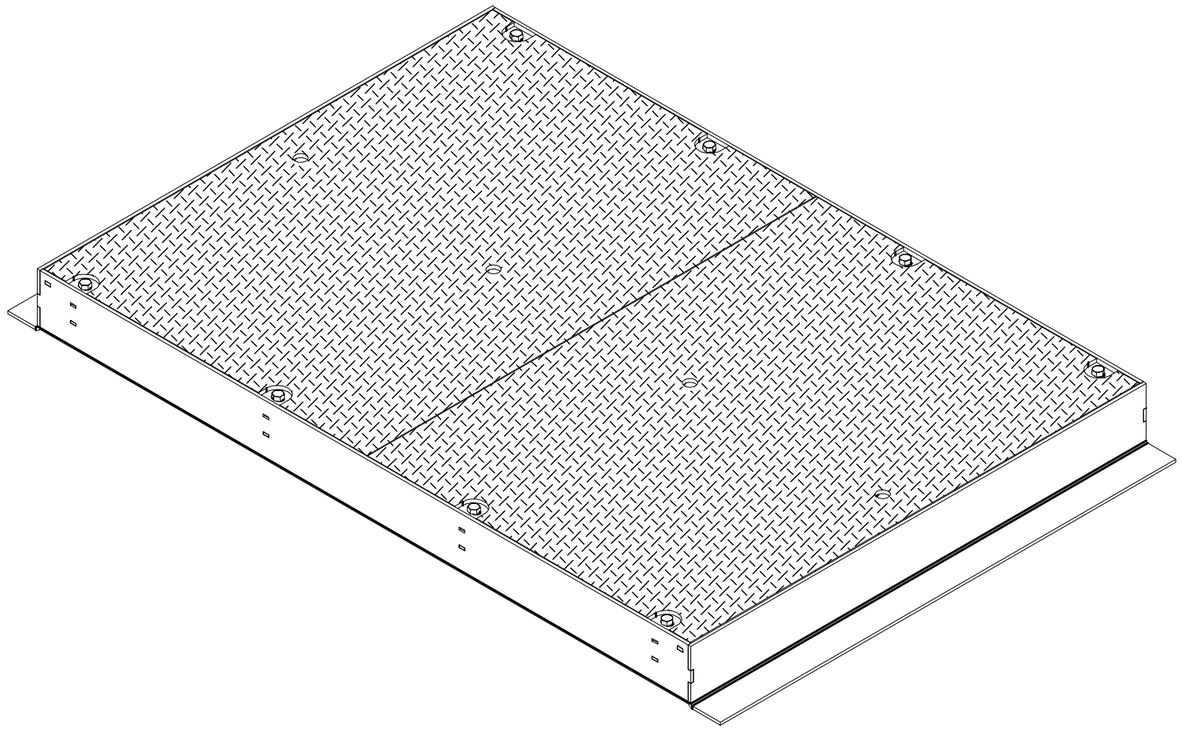
CREATED: 2/25/2020

MODIFIED: 9/10/2026

SHEET: 2

BURN LIST - BOM

PART NAME	ITEM QTY	QTY	DESCRIPTION	STOCK NUMBER	MATERIAL	MASS	SHEET
200036490	2	46.050 lbmass	Frame Component Steel Frame End, Adjustable	100007735	STL ASTM A36 SM-HRPO RAW .250	23.025 lbmass	07
200036491	2	65.180 lbmass	Frame Component Steel Frame Side, Adjustable	100007735	STL ASTM A36 SM-HRPO RAW .250	32.590 lbmass	08
200036499	2	15.797 lbmass	DOOR SUPPORT FOR SP400 FRAME	100007735	STL ASTM A36 SM-HRPO RAW .250	7.898 lbmass	09
200036554	24	5.811 lbmass	Frame Component BEAM LOCATOR SP400	100007735	STL ASTM A36 SM-HRPO RAW .250	0.242 lbmass	10
200036556	8	1.972 lbmass	SPRING NUT BRACKET PLATFORM SP400	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	0.247 lbmass	11
200036563	8	3.397 lbmass	SPRING NUT BRACKET MOVED HOLE	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	0.425 lbmass	12
200036567	2	239.311 lbmass	Door Component Steel Plate, Top	100007824	SHT STL CQ DP RAW .3125 - 36 KSI YIELD	119.656 lbmass	13
200036572	8	3.227 lbmass	BOLT DOUBLER SIDEWAYS SLOT 2.5 X 2.5	100007735	STL ASTM A36 SM-HRPO RAW .250	0.403 lbmass	14
200036574	4	2.509 lbmass	PICKHOLE COVER 2.5 X 2.5	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	0.627 lbmass	15



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MATERIAL FINISH: Raw

MATERIAL SURFACE: Diamond Plate

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PART NUMBER & DESCRIPTION: 100007333
CAS2-4260-CD5-DP-R-BD-OH08-(SP400)

REV: A-1-1

WEIGHT: 654.78 Lbs

DRAWN BY: A. Billett

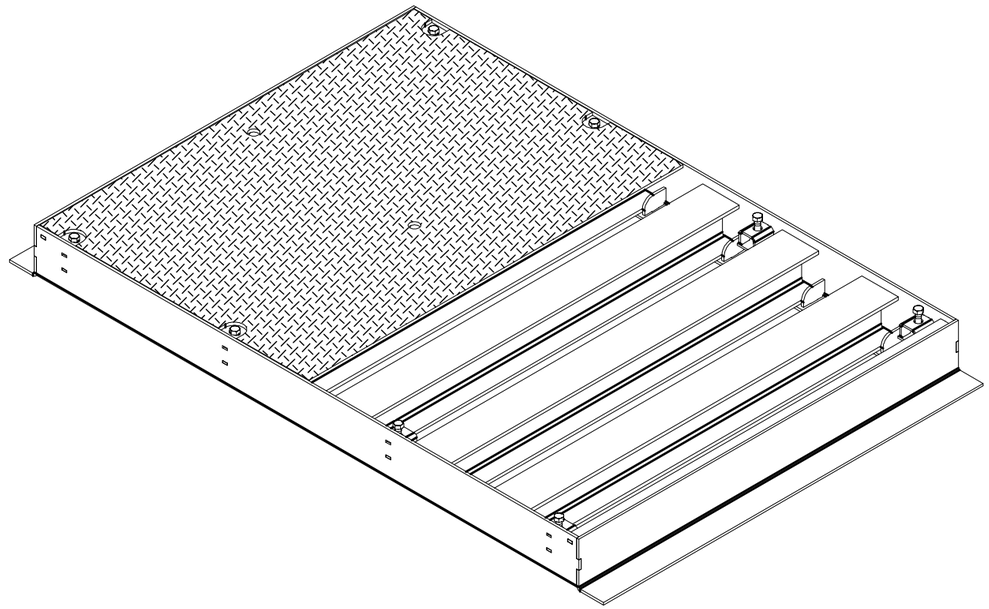
CREATED: 2/25/2020

MODIFIED: 9/10/2026

SHEET: 3

CUT LIST - BOM

PART NAME	ITEM QTY	BASE QTY	QTY	DESCRIPTION	PART NUMBER	MASS	SHEET
100004822	6	41.500 in	249.000 in	STRUCTURAL I BEAM - W4 x 13 (4.16x4.06)	100004822	45.037 lbmass	

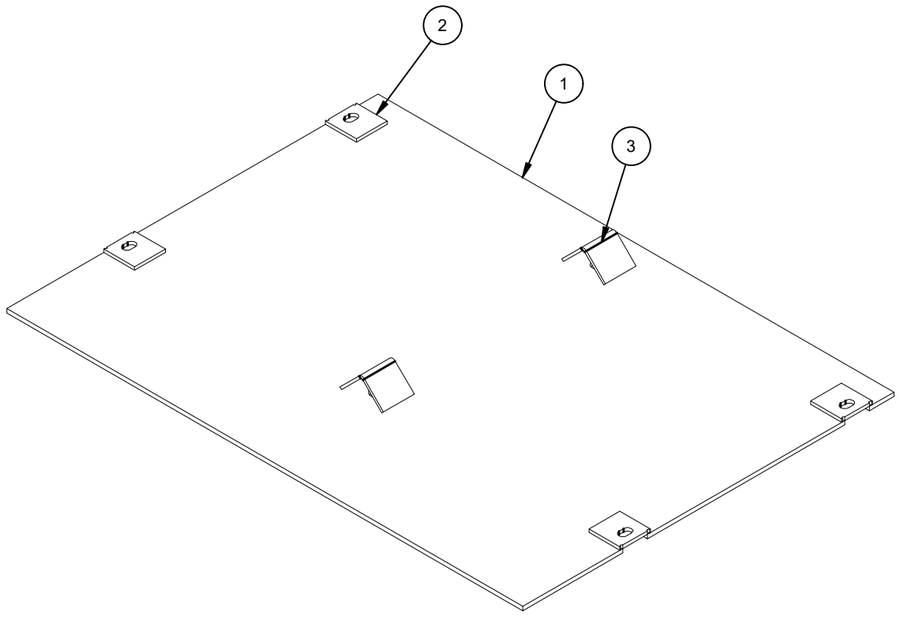


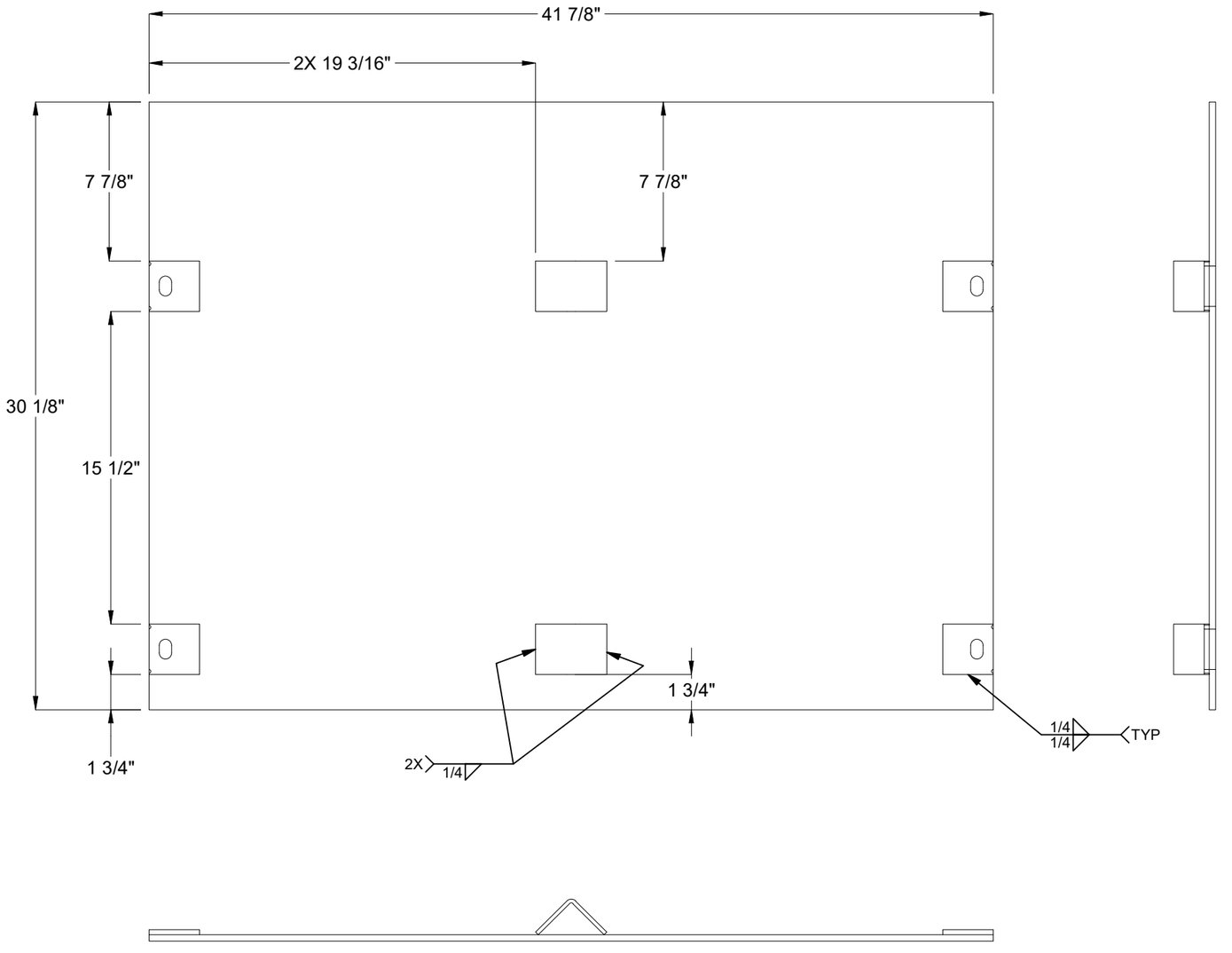
100007333.idw

MATERIAL FINISH: Raw	Infrastructure JENSEN 527 Dunn Circle, Sparks, NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2026 Jensen Infrastructure - All rights reserved. All materials appearing as Jensen Infrastructure 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 Infrastructure , any use of Jensen Infrastructure 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. This product shall only be produced in a Jensen Infrastructure facility.	PART NUMBER & DESCRIPTION: 100007333 CAS2-4260-CD5-DP-R-BD-OH08-(SP400)		REV: A-1-1
MATERIAL SURFACE: Diamond Plate			WEIGHT: 654.78 Lbs	DRAWN BY: A. Billett	SHEET: 4
			CREATED: 2/25/2020	MODIFIED: 9/10/2026	

BILL OF MATERIALS

ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	1	119.656 lbmass	100007824	Door Component Steel Plate, Top	200036567
2	4	1.613 lbmass	100007735	BOLT DOUBLER SIDEWAYS SLOT 2.5 X 2.5	200036572
3	2	1.255 lbmass	100007734	PICKHOLE COVER 2.5 X 2.5	200036574





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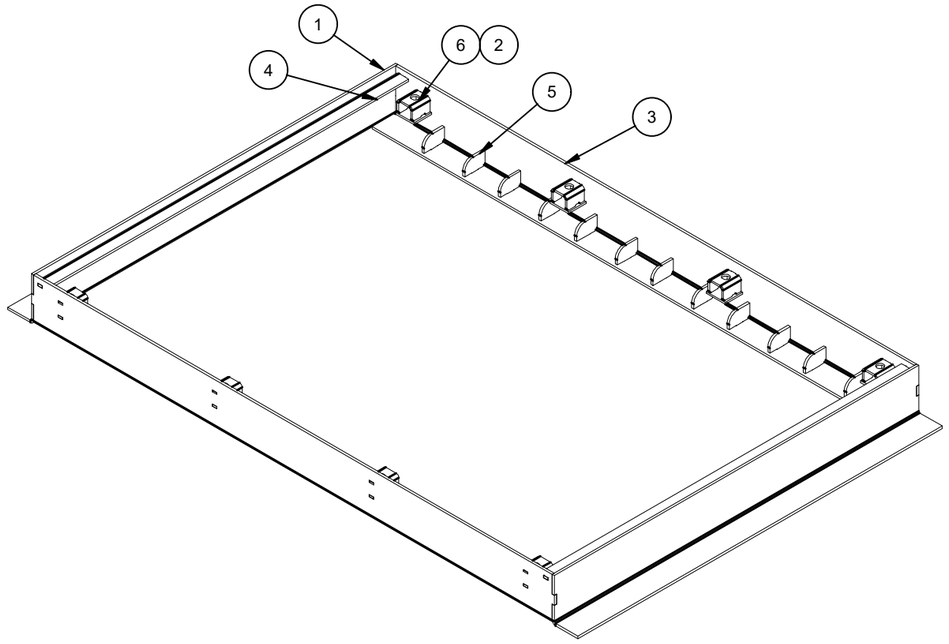
MATERIAL FINISH: Raw	Infrastructure JENSEN 527 Dunn Circle, Sparks, NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2026 Jensen Infrastructure - All rights reserved. All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected under U.S. copyright and other laws. Unless in conjunction with business conducted with Jensen Infrastructure , any use of Jensen Infrastructure 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. This product shall only be produced in a Jensen Infrastructure facility.	PART NUMBER & DESCRIPTION: 200036568 DAS2-SD-4260-D5-DP-R-(SP400)
MATERIAL SURFACE: Diamond Plate			WEIGHT: 124.82 Lbs / DRAWN BY: A. Billett / CREATED: 2/25/2020 / MODIFIED: 9/10/2026

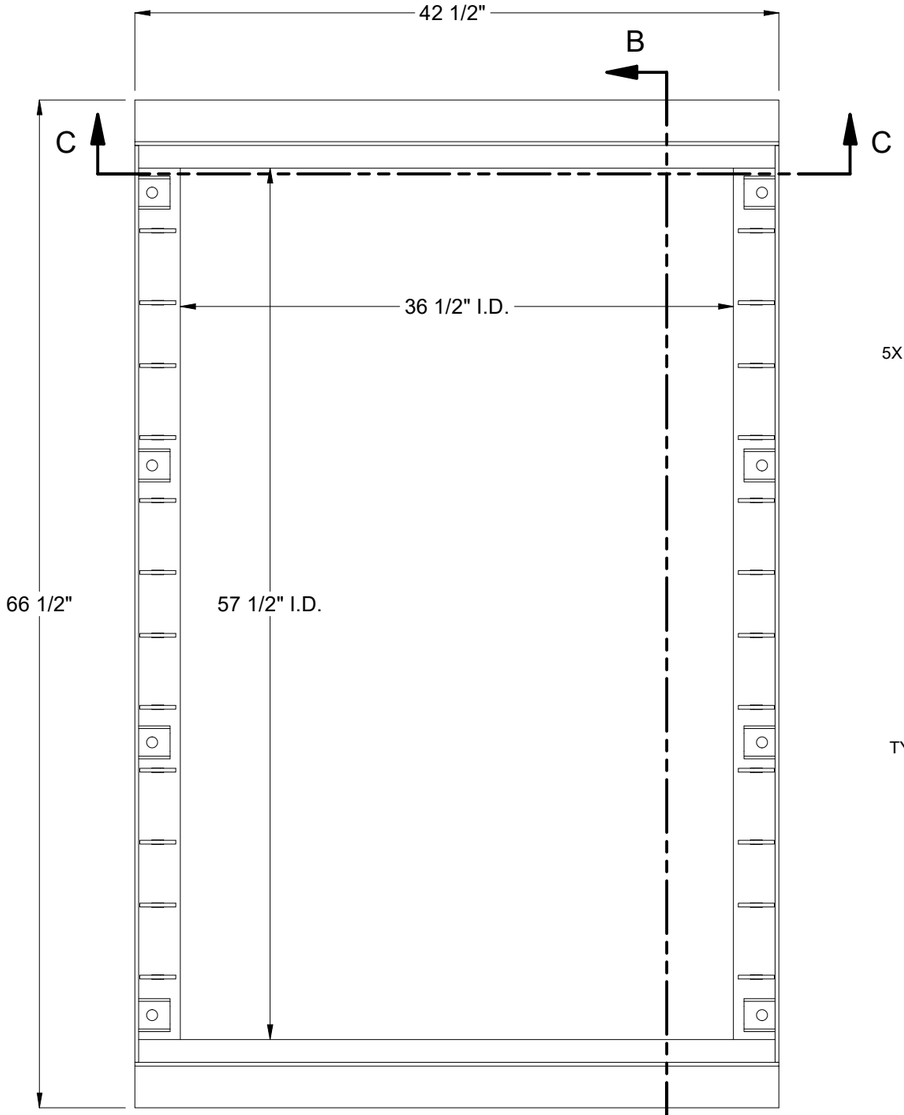
REV: A-1-1

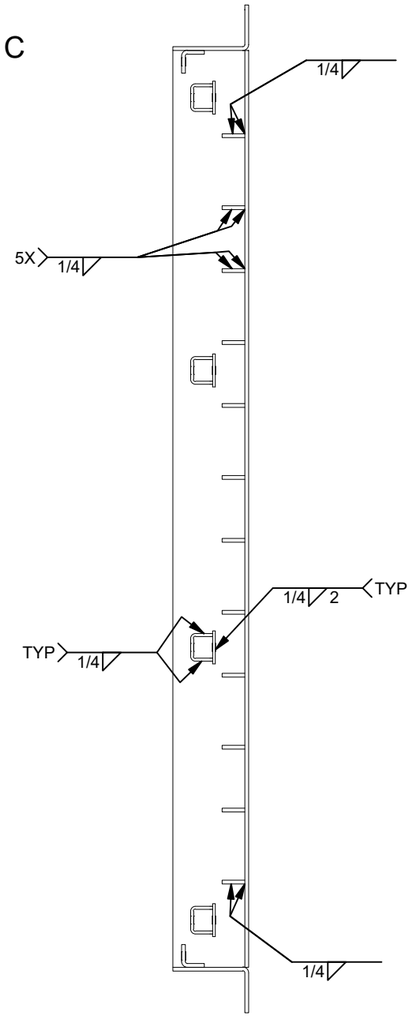
SHEET: 5

BILL OF MATERIALS

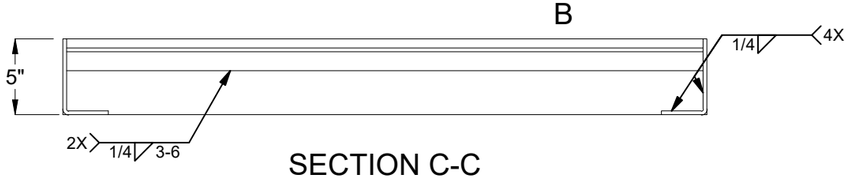
ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	2	46.050 lbmass	100007735	Frame Component Steel Frame End, Adjustable	200036490
2	8	1.972 lbmass	100007734	SPRING NUT BRACKET PLATFORM SP400	200036556
3	2	65.180 lbmass	100007735	Frame Component Steel Frame Side, Adjustable	200036491
4	2	15.797 lbmass	100007735	DOOR SUPPORT FOR SP400 FRAME	200036499
5	24	5.811 lbmass	100007735	Frame Component BEAM LOCATOR SP400	200036554
6	8	3.397 lbmass	100007734	SPRING NUT BRACKET MOVED HOLE	200036563







SECTION B-B

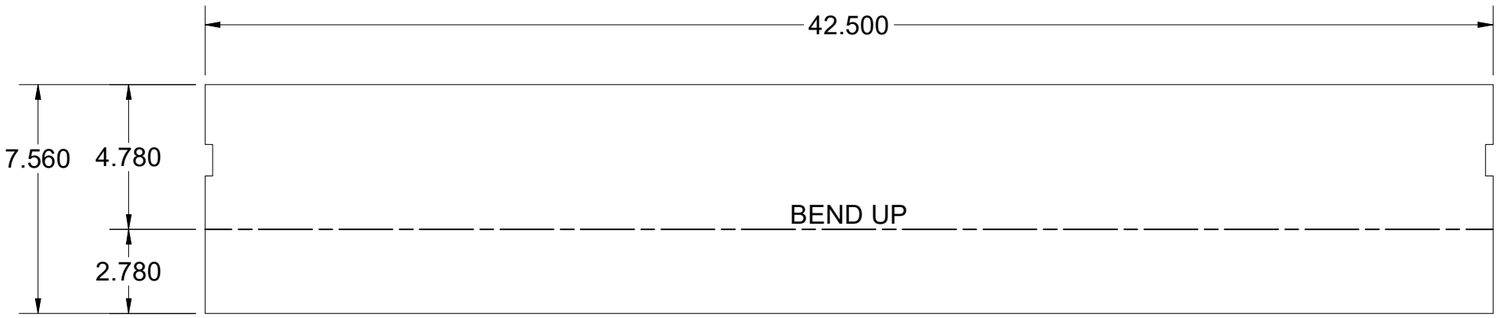


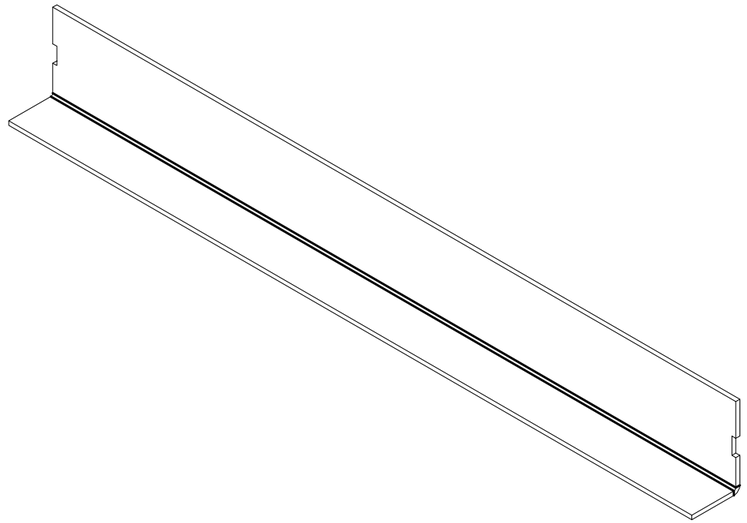
SECTION C-C

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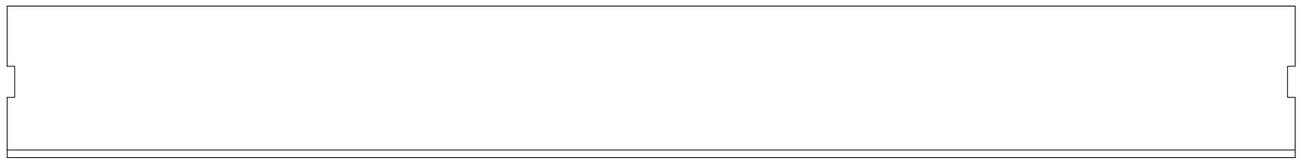
MATERIAL FINISH: Raw	Infrastructure JENSEN 527 Dunn Circle, Sparks, NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2026 Jensen Infrastructure - All rights reserved. All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected under U.S. copyright and other laws. Unless in conjunction with business conducted with Jensen Infrastructure , any use of Jensen Infrastructure 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. This product shall only be produced in a Jensen Infrastructure facility.	PART NUMBER & DESCRIPTION: 200036496 FAS-4260-AD5-R-OH05-(SP400)	REV: A-1-1
MATERIAL SURFACE: Smooth			WEIGHT: 138.21 Lbs CREATED: 2/25/2020	DRAWN BY: A. Billett MODIFIED: 9/10/2026	SHEET: 6

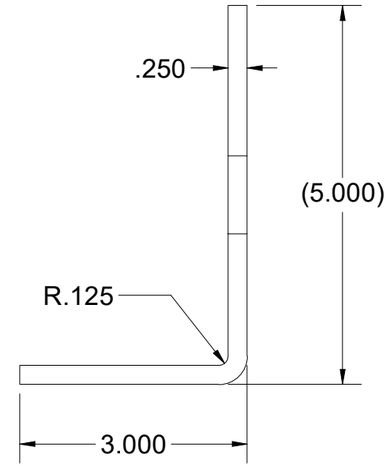
SYMMETRIC











BEND TABLE				MATERIAL IFS: 100007735
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25
0.125	2	90	0.44	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250

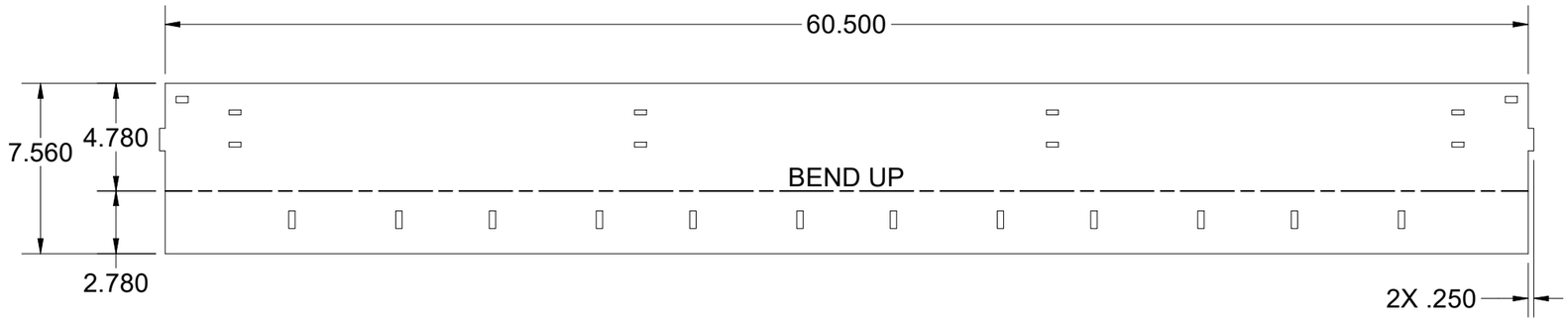
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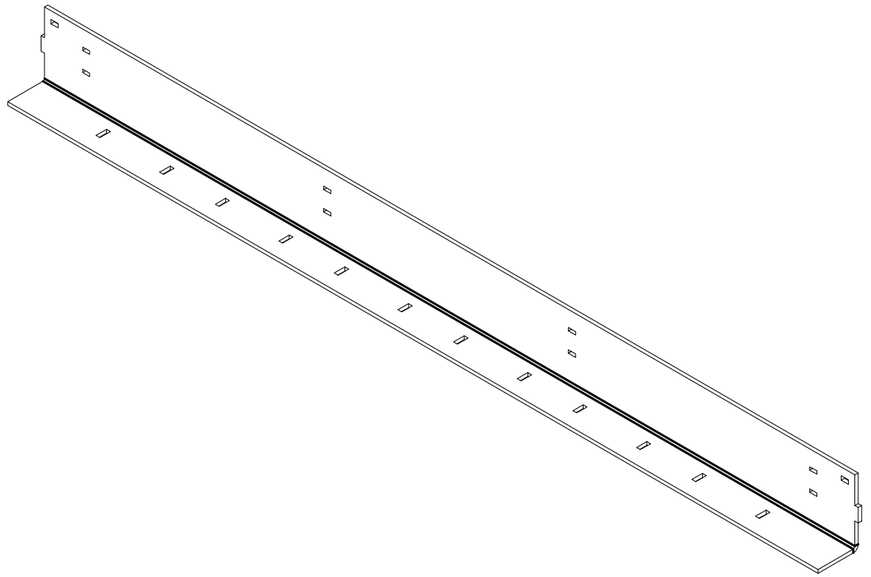
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NAME & DESCRIPTION: 200036490 Frame Component Steel Frame End, Adjustable		REV: A-1-1
WEIGHT: 23.025 lbmass	DRAWN BY: A. Billett	SHEET: 7 OF 15
CREATED: 2/25/2020	MODIFIED: 9/10/2026	

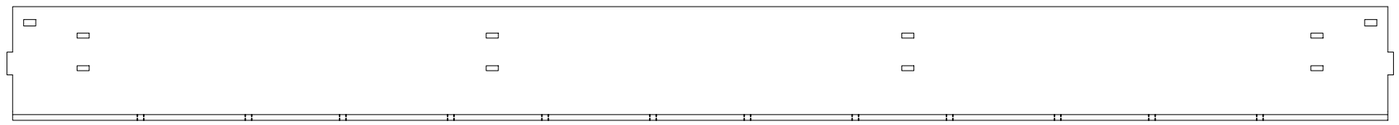
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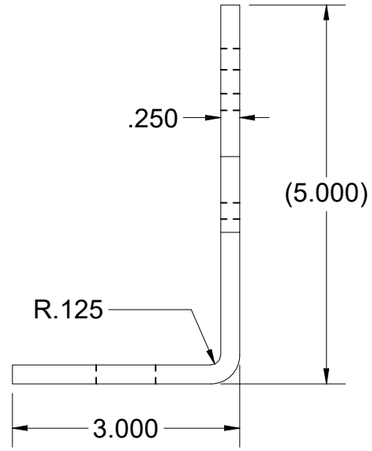
SYMMETRIC











BEND TABLE				MATERIAL IFS: 100007735
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25
0.125	2	90	0.44	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250

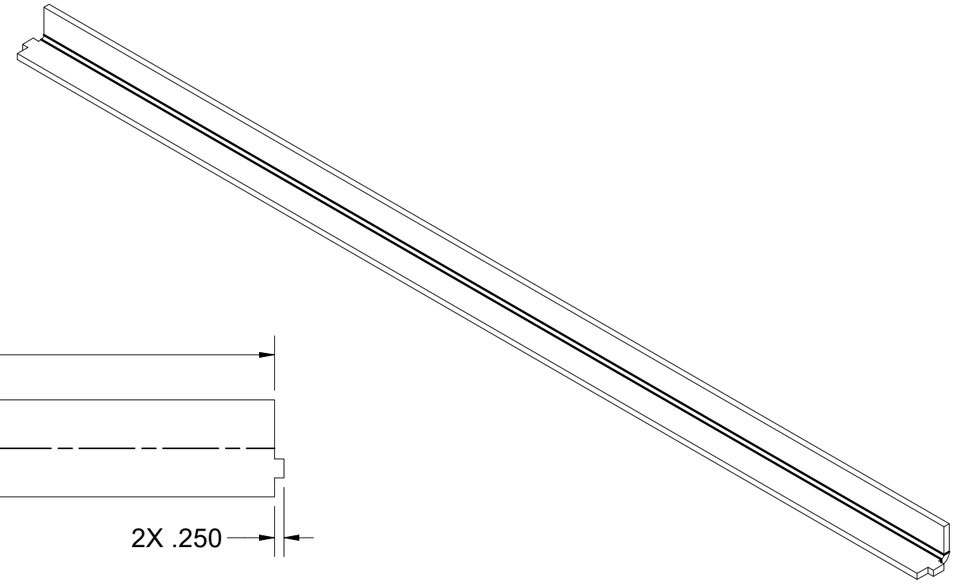
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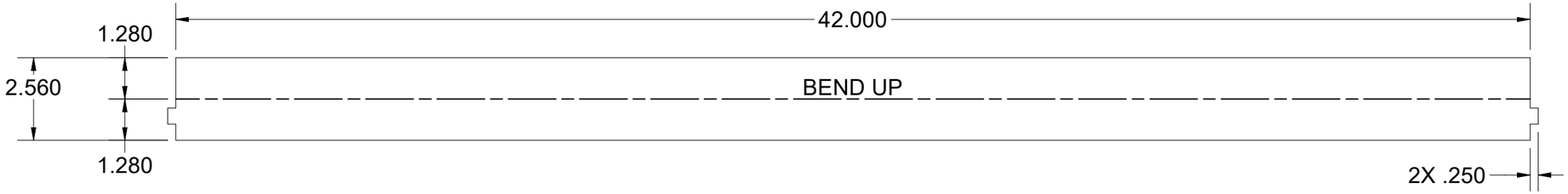
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NAME & DESCRIPTION:	200036491 Frame Component Steel Frame Side, Adjustable	REV:
WEIGHT: 32.590 lbmass	DRAWN BY: A. Billett	SHEET: 8 OF 15
CREATED: 2/25/2020	MODIFIED: 9/10/2026	

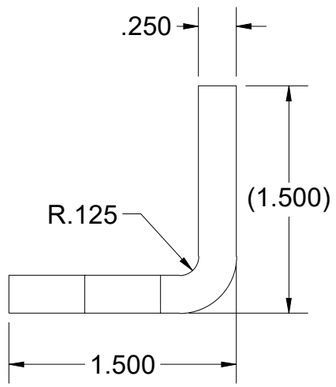
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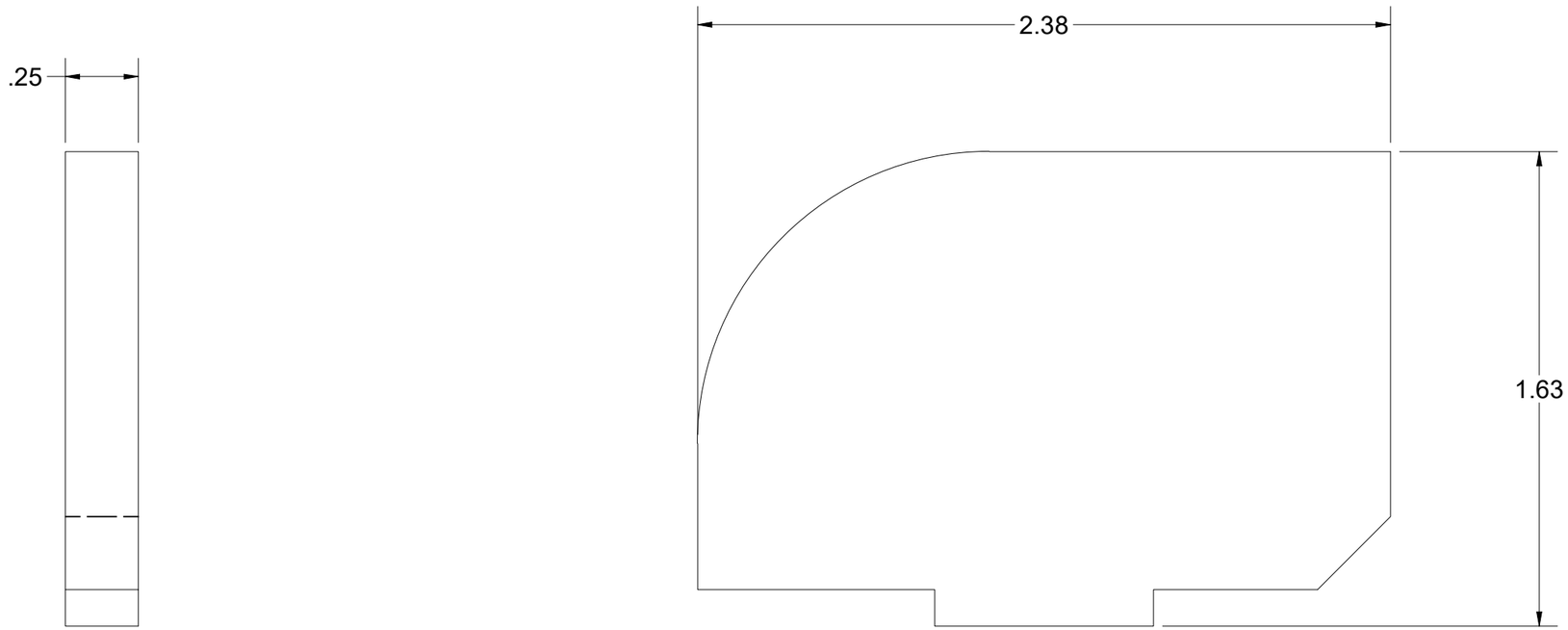
BEND TABLE				MATERIAL IFS: 100007735
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25
0.125	2	90	0.44	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250

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NAME & DESCRIPTION: 200036499 DOOR SUPPORT FOR SP400 FRAME		REV: A-1-1
WEIGHT: 7.898 lbmass	DRAWN BY: A. Billett	SHEET: 9 OF 15
CREATED: 2/25/2020	MODIFIED: 9/10/2026	

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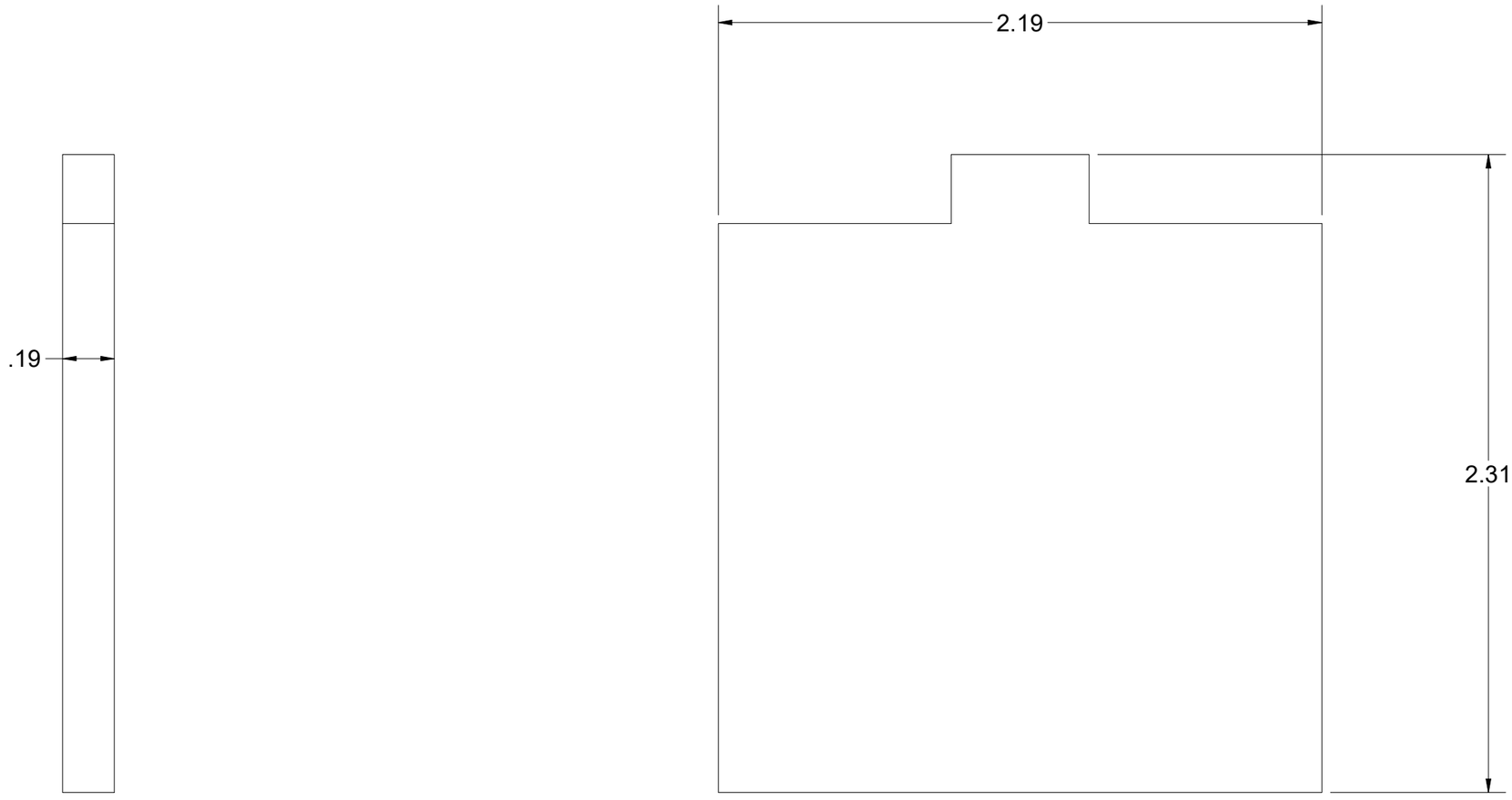
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BEND TABLE				MATERIAL IFS: 100007735			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25			
-	-	- 0	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250			

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NAME & DESCRIPTION: 200036554 Frame Component BEAM LOCATOR SP400		REV: A-1-1
WEIGHT: 0.242 lbmass	DRAWN BY: A. Billett	SHEET: 10 OF 15
CREATED: 2/25/2020	MODIFIED: 9/10/2026	



BEND TABLE			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION
-	-	- 0	-

MATERIAL IFS: 100007734

MATERIAL THK: 0.1875

MAT DESCRIPTION: STL ASTM A36 SM-HRPO 60X120 RAW .1875

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NAME & DESCRIPTION: 200036556 SPRING NUT BRACKET PLATFORM SP400

REV: A-1-1

WEIGHT: 0.247 lbmass

DRAWN BY: A. Billett

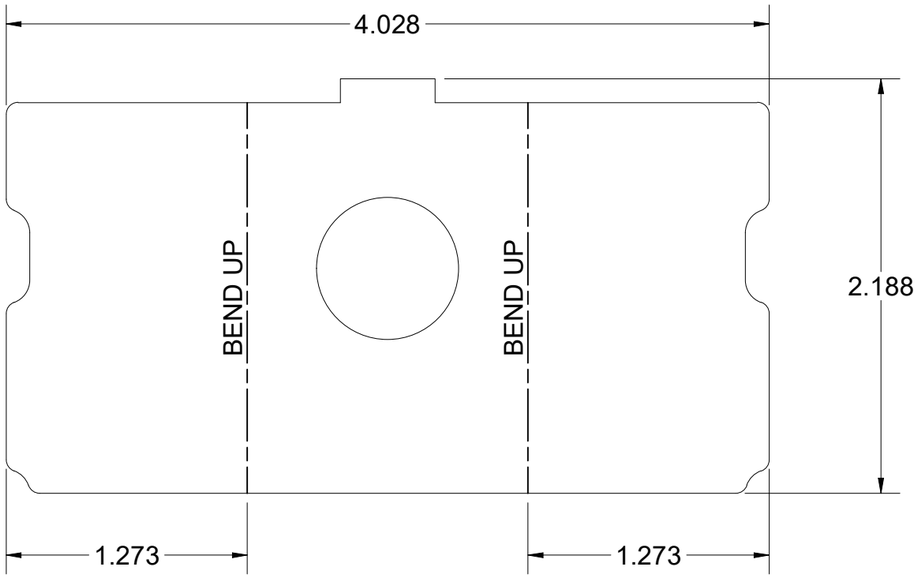
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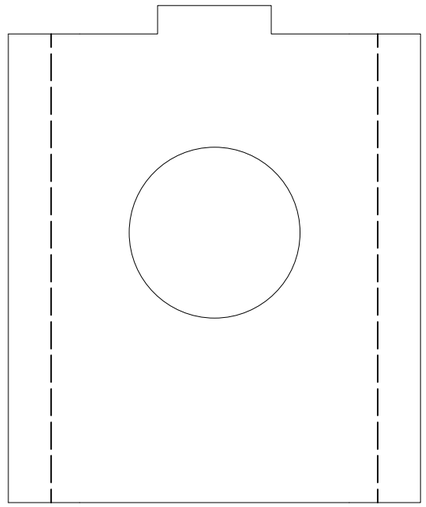
MODIFIED: 9/10/2026

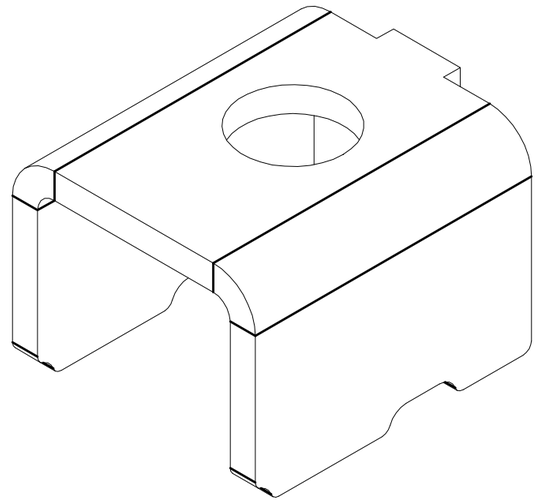
SHEET: 11 OF 15

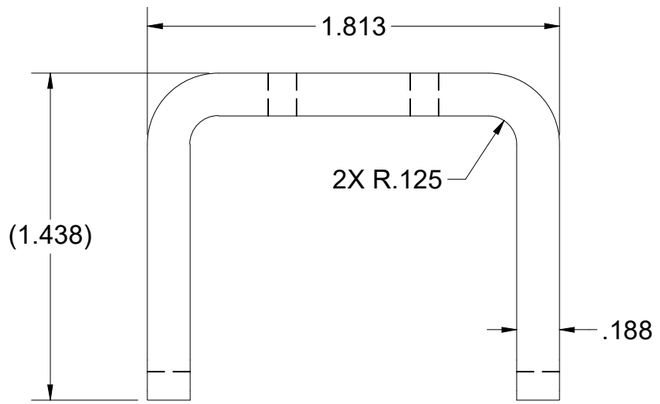
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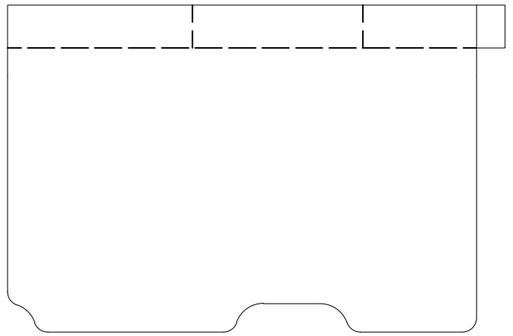
SYMMETRIC











BEND TABLE				MATERIAL IFS: 100007734
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1875
0.125	1.5	90	0.33	MAT DESCRIPTION: STL ASTM A36 SM-HRPO 60X120 RAW .1875

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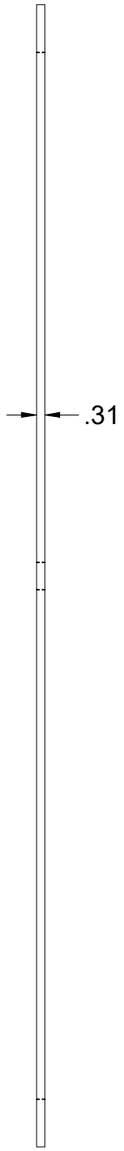
527 Dunn Circle, Sparks, NV 89431
775-352-2716 FAX: 755-358-8127
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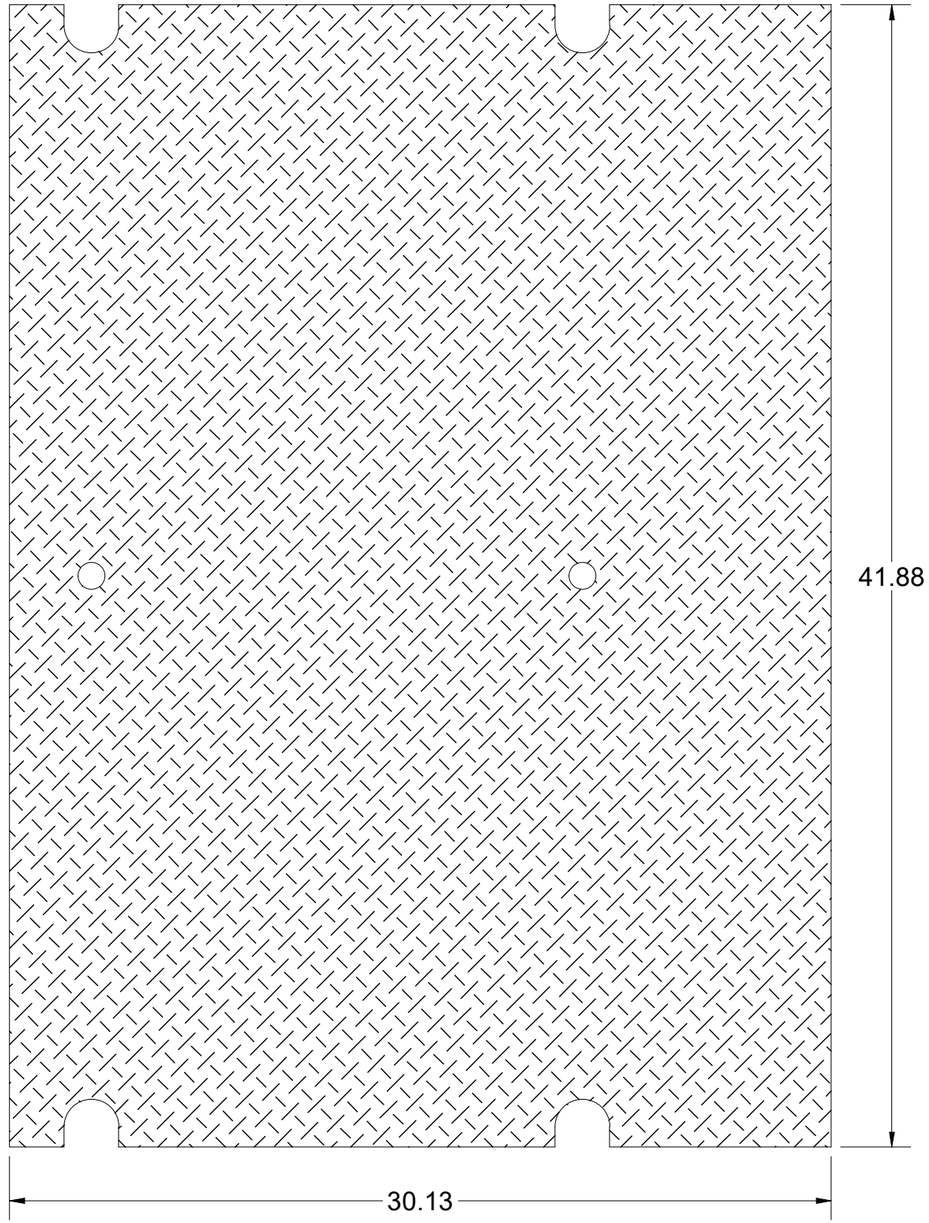
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NAME & DESCRIPTION: 200036563 SPRING NUT BRACKET MOVED HOLE		REV: A-1-1
WEIGHT: 0.425 lbmass	DRAWN BY: A. Billett	SHEET: 12 OF 15
CREATED: 2/25/2020	MODIFIED: 9/10/2026	

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NON-SYMMETRIC





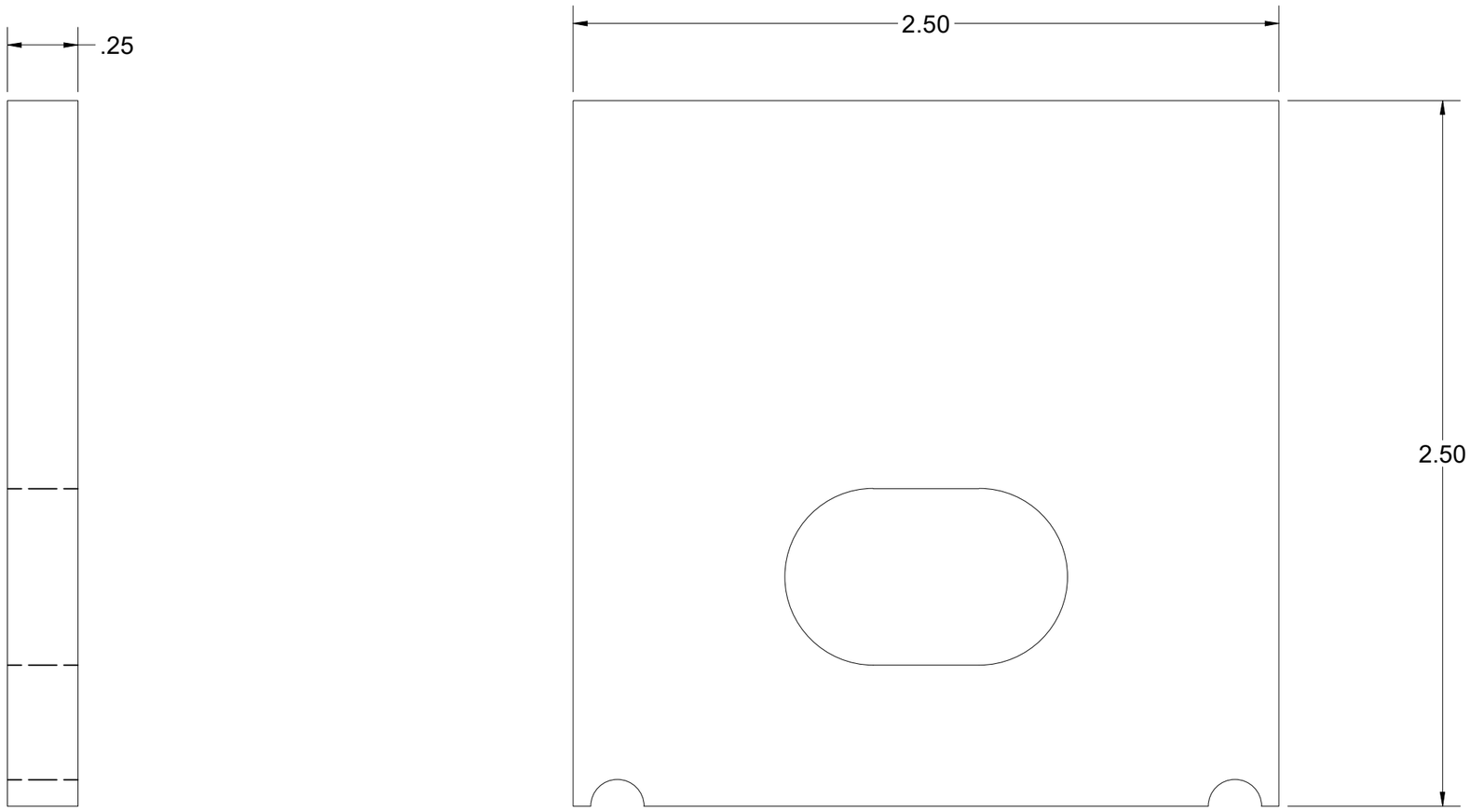
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BEND TABLE				MATERIAL IFS: 100007824
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.3125
-	-	- 0	-	MAT DESCRIPTION: SHT STL CQ DP RAW .3125 - 36 KSI YIELD

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NAME & DESCRIPTION:	200036567 Door Component Steel Plate, Top	REV: A-1-1
WEIGHT: 119.656 lbmass	DRAWN BY: A. Billett	SHEET: 13 OF 15
CREATED: 2/25/2020	MODIFIED: 9/10/2026	



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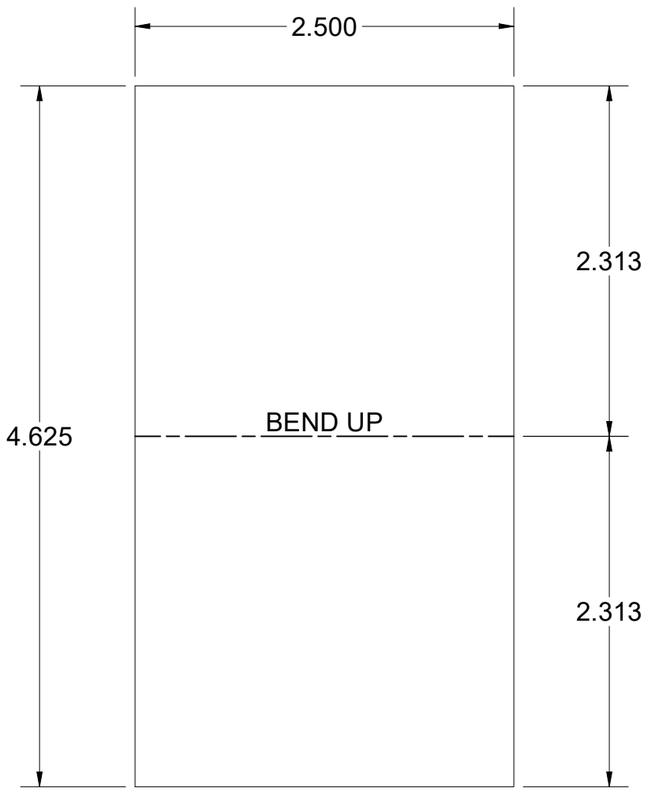
BEND TABLE				MATERIAL IFS: 100007735			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25			
-	-	- 0	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250			

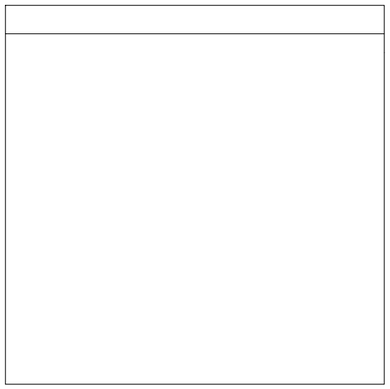
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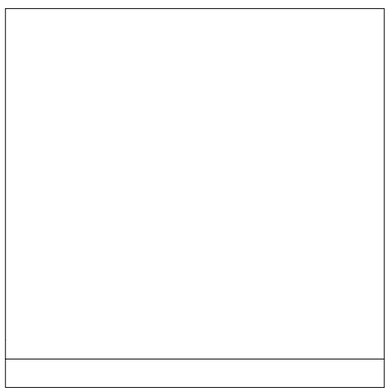
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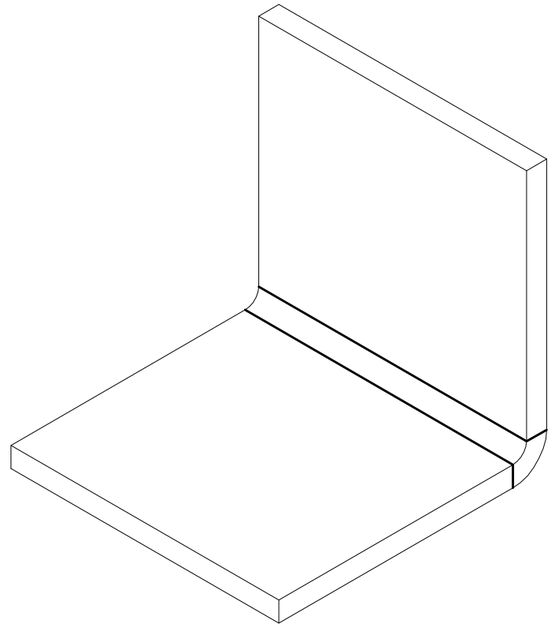
NAME & DESCRIPTION:	200036572	REV:
	BOLT DOUBLER SIDEWAYS SLOT 2.5 X 2.5	A-1-1
WEIGHT: 0.403 lbmass	DRAWN BY: A. Billett	SHEET: 14 OF 15
CREATED: 2/25/2020	MODIFIED: 9/10/2026	

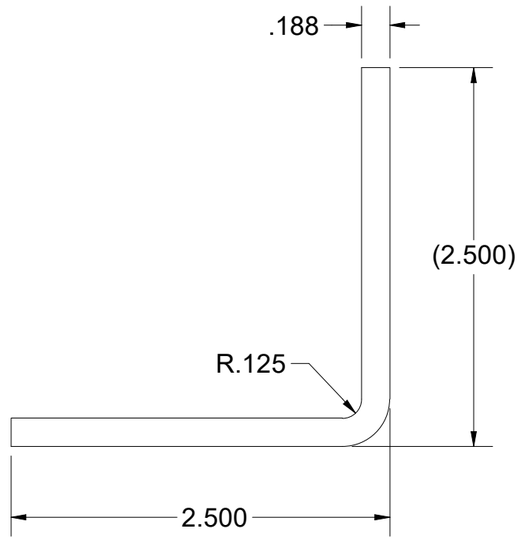
SYMMETRIC











BEND TABLE			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION
0.125	2	90	0.375

MATERIAL IFS: 100007734

MATERIAL THK: 0.1875

MAT DESCRIPTION: STL ASTM A36 SM-HRPO 60X120 RAW .1875

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NAME & DESCRIPTION: 200036574 PICKHOLE COVER 2.5 X 2.5

REV: A-1-1

WEIGHT: 0.627 lbmass

DRAWN BY: A. Billett

CREATED: 2/25/2020

MODIFIED: 9/10/2026

SHEET: 15 OF 15

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