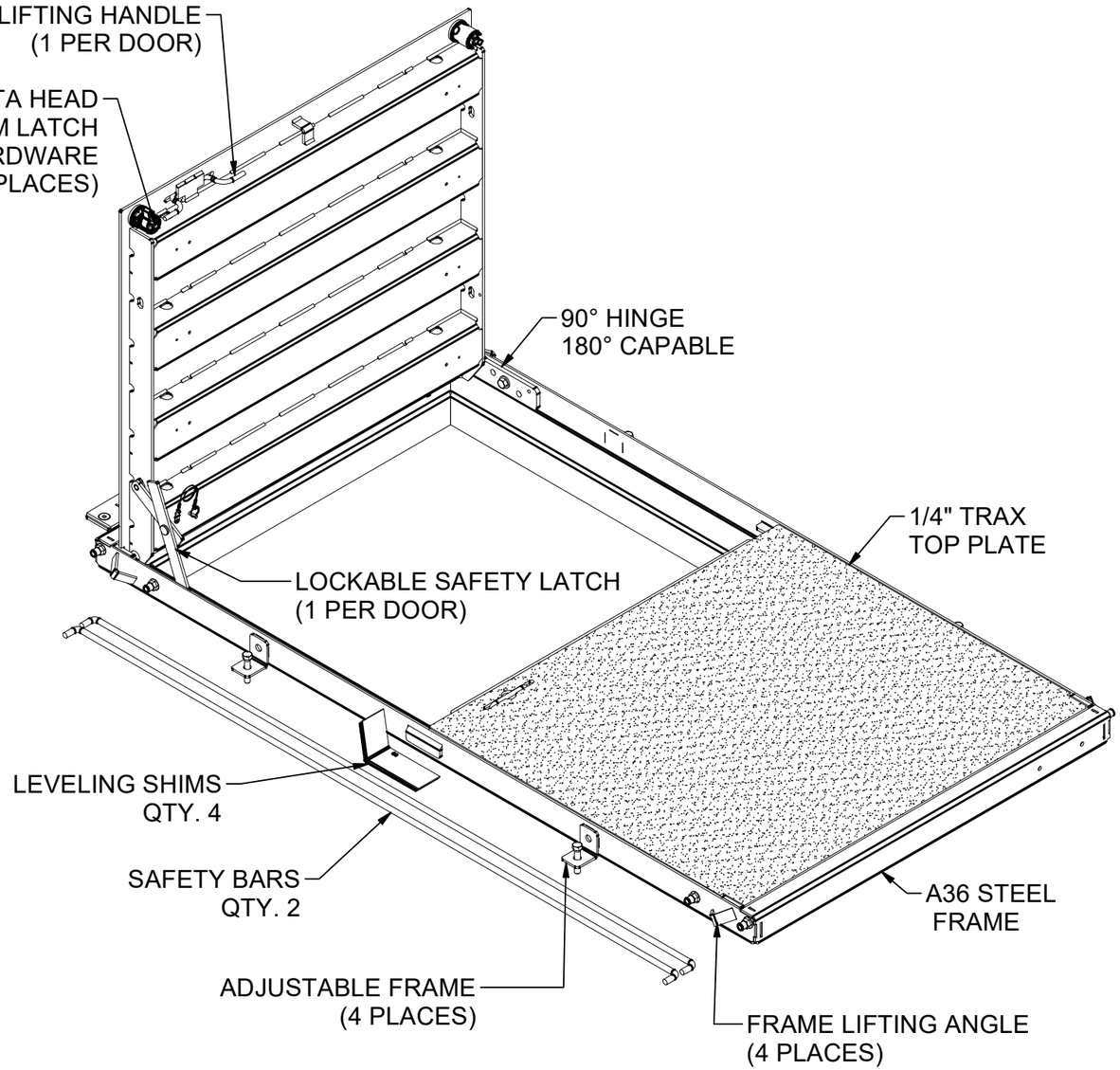
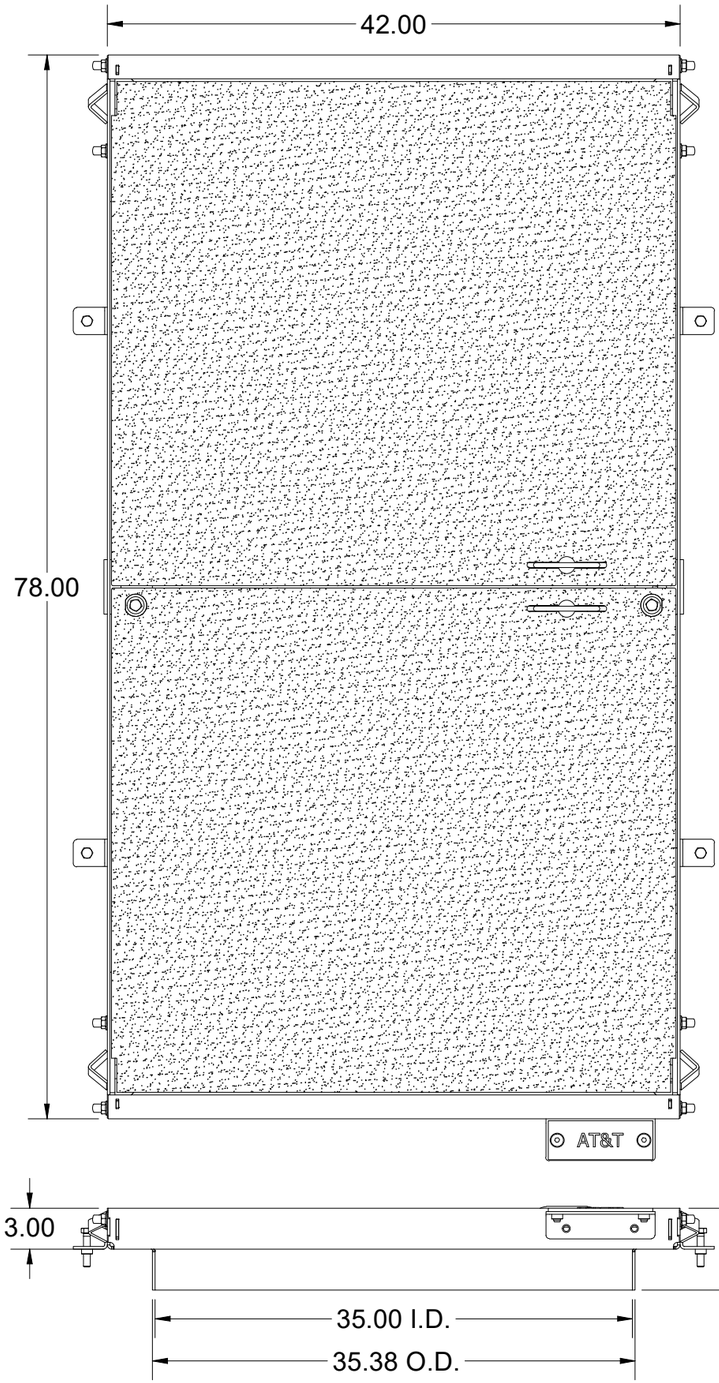
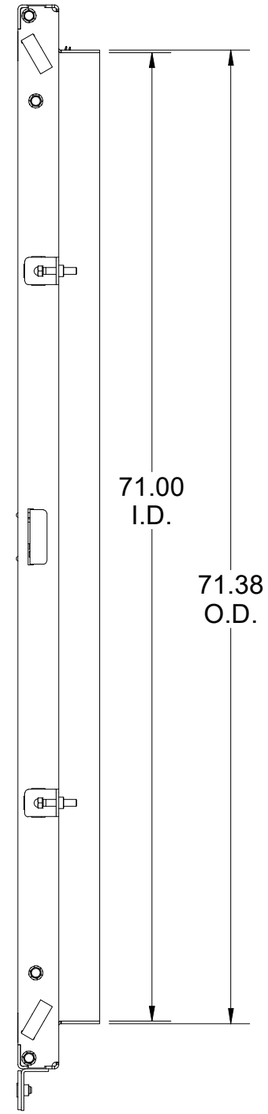






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LOADING CRITERIA: ASTM C1802 Load Level 04

16,000 lb load on 10" x 20" footprint, without impact restricted to parking spaces and areas within close proximity of roadways.

SURFACE:	TraxPlate™	FINISH:	Galvanized
WEIGHT:	498.93 lbs	MARKING:	As Noted

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DESCRIPTION: CAS2-3672-AH4-TRX-G-CL-ATT-OH06

36x72 Standard Cover Assembly (Loading Criteria Per ASTM C1802 Load Level 04, Steel, Hinged, Handle (1 Per Door), TraxPlate™, Galvanized, N/A, AT&T) 06

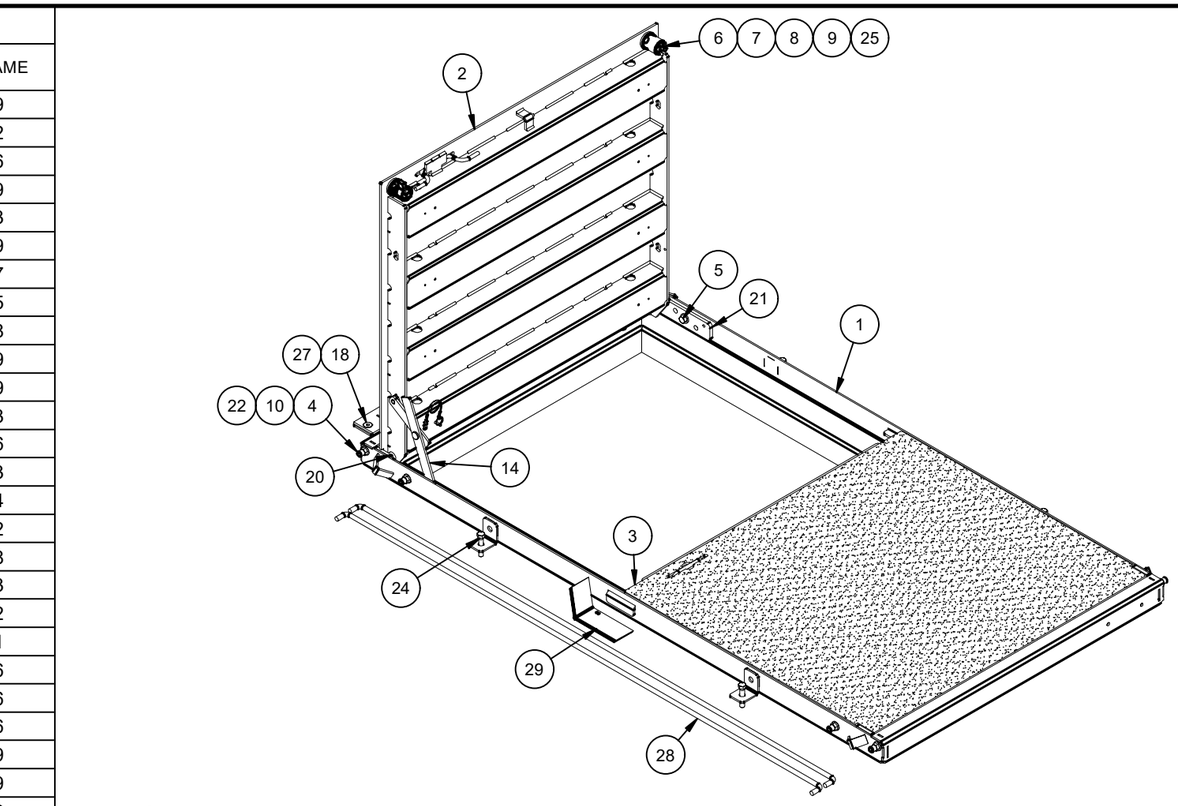
PART NUMBER:	100002317	DRAWN BY:	R. Dohr
CREATED:	12/14/2023	MODIFIED:	8/1/2025

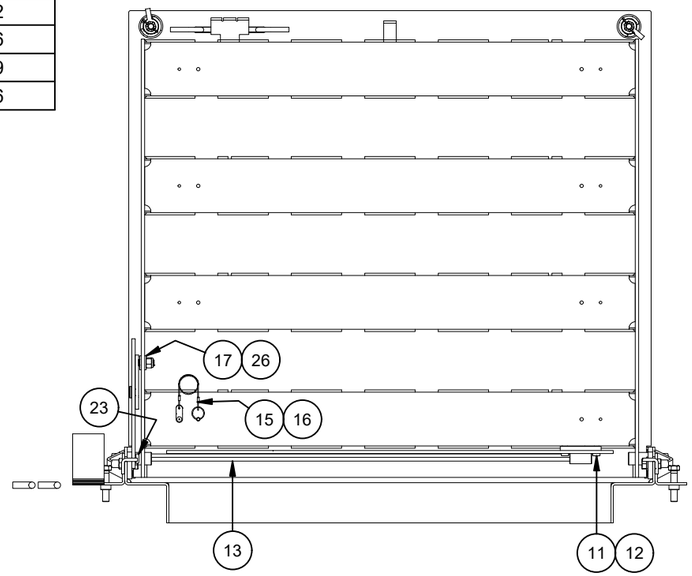
REV: B-3

SHEET: 1

BILL OF MATERIALS

ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	1	1	200084259	FAS-3672-AH-R-OH06	200084259
2	1	1	200084262	DAS2-T-3672-H4-TRX-R-CL	200084262
3	1	1	200084266	DAS2-B-3672-H4-TRX-R	200084266
4	4	4	100007869	BOLT SHCS 1/2-13 X 1-3/4 SS	100007869
5	4	4	100003823	Hex Bolt 1/2-13 UNC ZINC - PT - 1.5"	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	100007896	TORSION HEX ROD 9/16 X 36 RAW	100007896
14	2	2	100007933	SAFETY LATCH ASSY FOR UNI AND 90 D HINGE	100007933
15	2	2	100007924	LANYARD 3/64 W/PIN COATED SS	100007924
16	2	2	100007882	RIVET GRIP STEEL 3/16 X 7/16 LRG HD	100007882
17	8	8	100011418	WASHER FLAT 1/2 NARROW ZINC	100011418
18	2	2	100007733	BOLT SOCKET FLAT COUNTERSUNK HEAD - 1/2-13 UNC - 1.00 - GR 5 - ZINC	100007733
19	2	2	100007672	SPRING MOUNT ASSY .562	100007672
20	2	2	100007661	Hinge Assembly, Left, 9/16, Steel	100007661
21	2	2	100007666	Hinge Assembly, Right, Steel	100007666
22	8	8	100026256	LOW-STRENGTH STEEL FLANGE NUT, 1/2" - 13 THREAD SIZE	100026256
23	2	2	100007876	Bolt Shoulder Socket Head - 3/8-16 UNC - SD-0.5" - SL-0.3125" - Grade 5 - Zinc	100007876
24	4	4	100005059	BOLT HEX 1/2-13 UNC 2.5 ZINC	100005059
25	2	2	100007749	BOLT PENTA 1/2-13 UNC 0.875 HEAD 2.25L SS DRILLED	100007749
26	2	2	100007492	HEX NUT NYLOCK - 1/2-13 UNC - GR5 - ZINC	100007492
27	1	1	100007966	NAME PLATE CAST ALUM - AT&T	100007966
28	2	2	100007709	SAFETY BAR CAS2-3672 HNG	100007709
29	4	4	100005056	LEVELING BOLT 9.5 SHIM PLATE	100005056





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REVISION HISTORY	
DESCRIPTION	DATE
UPDATED HINGE ASSEMBLY, ADDED ALL MISSING PARTS, UPDATED FRAME DIMENSIONS, ADDED VISUAL WELD BEADS, ADDED WELD INDICATORS, ADDED BEND RELIEFS, ERM 56810-1	4/12/24
ADJUSTED WELD DIMENSIONS, REDUCED HINGE HOLE DIAMETER, REPLACED LAP BAR	8/2/24
58027-6 UPDATED HANDLE RETAINER/LAP BAR CUTOUTS. SWAPPED HANDLE SIDE TO MATCH STANDARD	4/24/25

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: TraxPlate™

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PART NUMBER & DESCRIPTION: 100002317 CAS2-3672-AH4-TRX-G-CL-ATT-OH06

REV: B-3

WEIGHT: 498.93 Lbs

DRAWN BY: R. Dohr

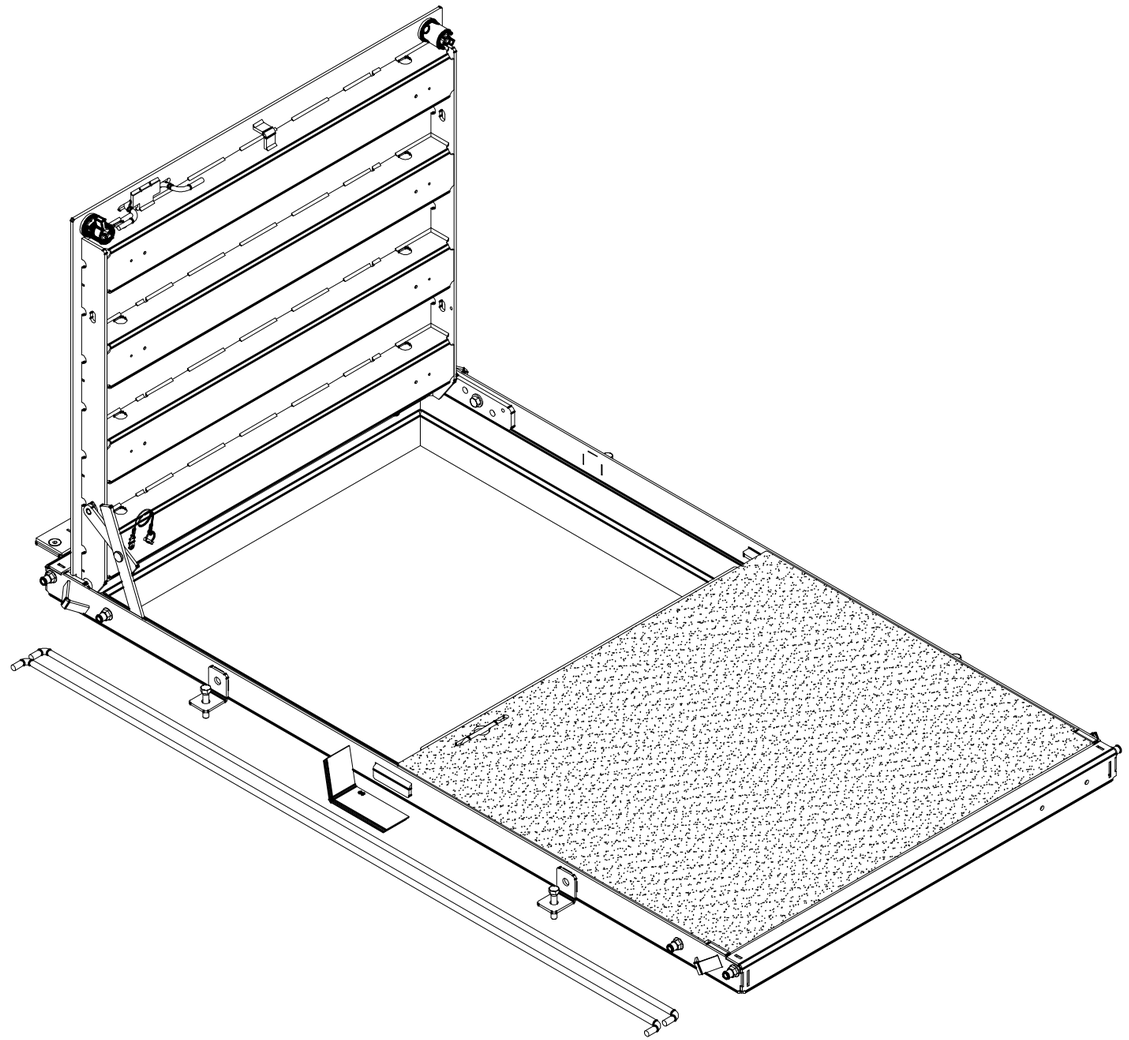
CREATED: 12/14/2023

MODIFIED: 8/1/2025

SHEET: 2

BURN LIST - BOM

PART NAME	ITEM QTY	QTY	DESCRIPTION	STOCK NUMBER	MATERIAL	MASS	SHEET
200084260	2	71.701 lbmass	Frame Component Steel Frame Side, Adjustable	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	35.851 lbmass	07
200084261	2	43.591 lbmass	Frame Component Steel Frame End, Adjustable	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	21.796 lbmass	08
200084263	8	93.668 lbmass	Door Component Steel Channel	100007840	SHT STL GR80 GA-11 SM-HR RAW .1196	11.709 lbmass	09
200084264	4	23.435 lbmass	Door Component Steel Side Bar	100007735	STL ASTM A36 SM-HRPO RAW .250	5.859 lbmass	10
200084265	1	107.936 lbmass	Door Component Steel Plate, Top	100007735	STL ASTM A36 SM-HRPO RAW .250	107.936 lbmass	11
200084267	1	108.236 lbmass	Door Component Steel Plate, Bottom	100007735	STL ASTM A36 SM-HRPO RAW .250	108.236 lbmass	12
200087246	1	4.842 lbmass	Door Component Steel Lap Bar 36in, 2.5" Stiffener Offset	100007735	STL ASTM A36 SM-HRPO RAW .250	4.842 lbmass	13



10000317.idw

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: TraxPlate™

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PART NUMBER & DESCRIPTION: 100002317
CAS2-3672-AH4-TRX-G-CL-ATT-OH06

REV: B-3

WEIGHT: 498.93 Lbs

DRAWN BY: R. Dohr

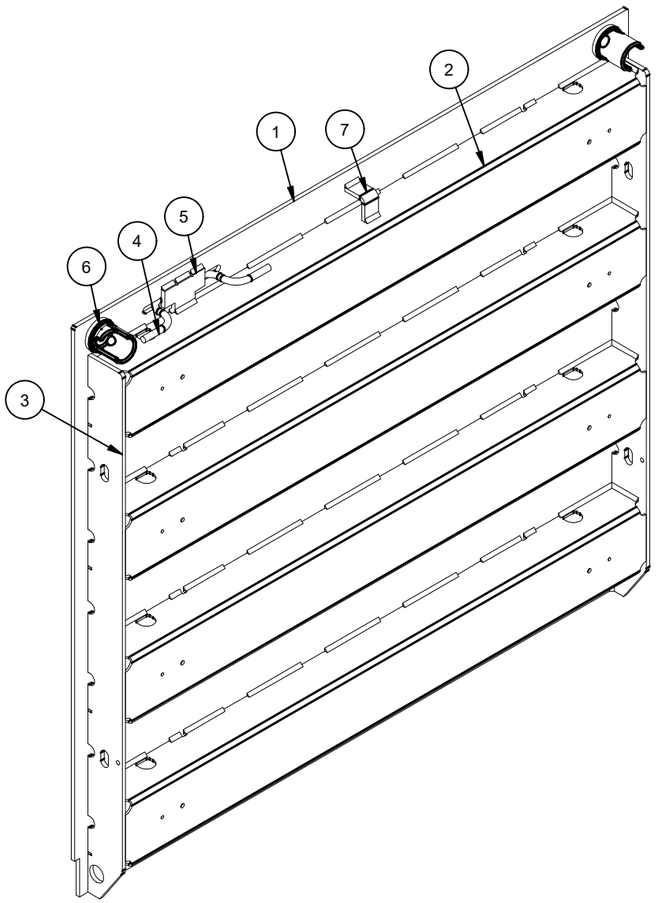
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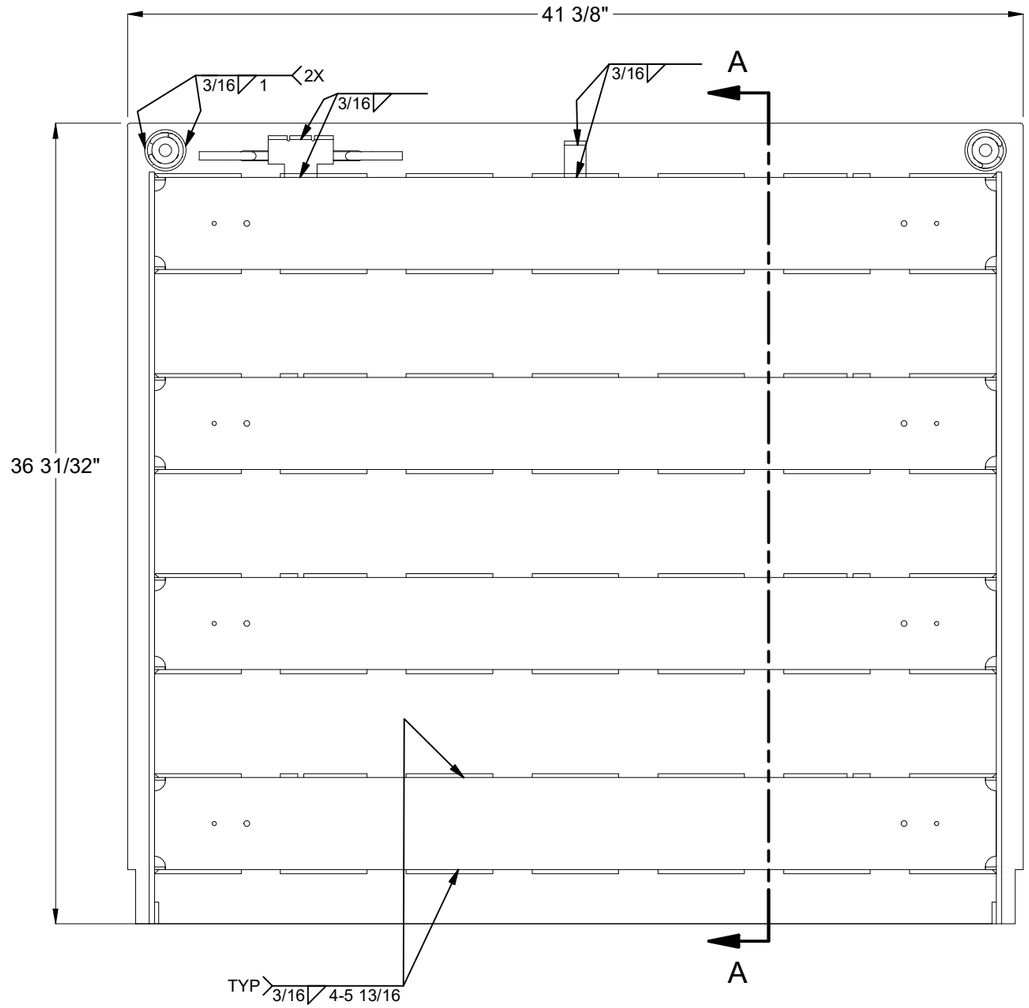
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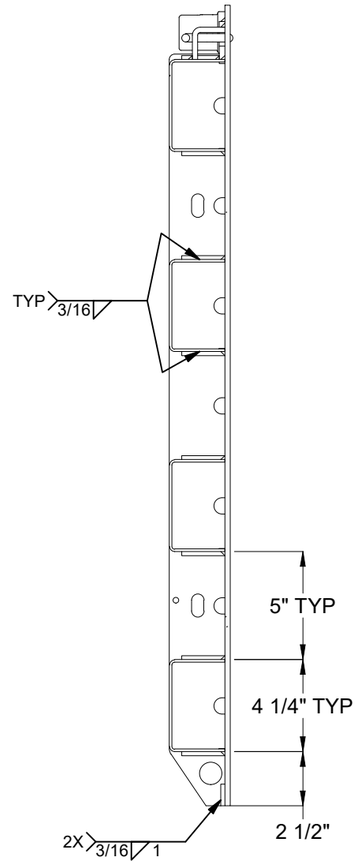
SHEET: 3

BILL OF MATERIALS

ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	1	107.937 lbmass	100007735	Door Component Steel Plate, Top	200084265
2	4	46.857 lbmass	100007840	Door Component Steel Channel	200084263
3	2	11.583 lbmass	100007735	Door Component Steel Side Bar	200084264
4	1	1	100007644	LEAF PULL HANDLE A36 3/8IN DIAMETER	100007644
5	1	1	100007646	HANDLE RETAINER STL	100007646
6	2	2	100007970	CAM TOWER CAST STEEL	100007970
7	1	1	100007647	LIFTING BRACKET STEEL LEAF	100007647







SECTION A-A



ROBOT DOOR

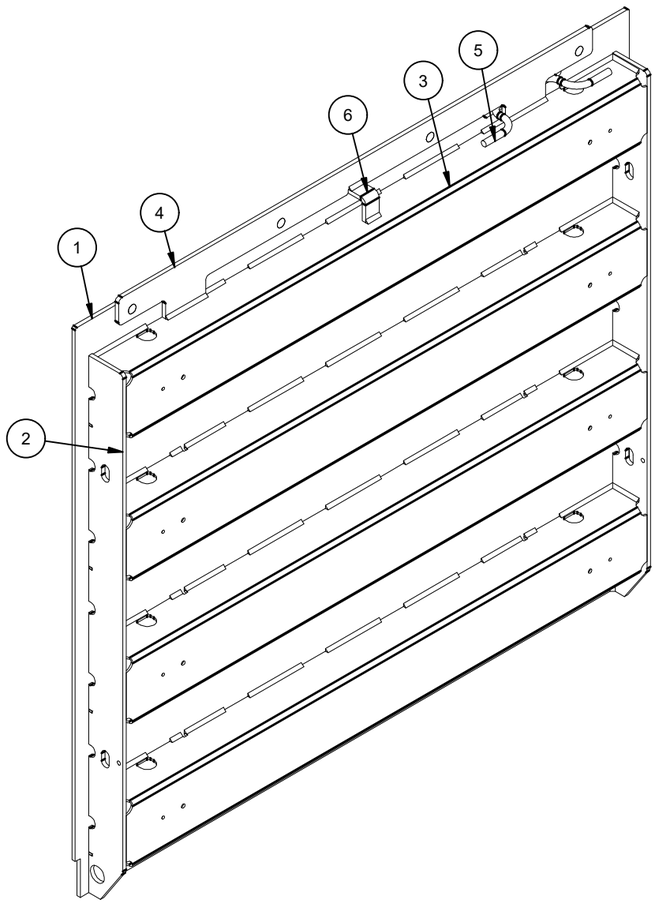
MATERIAL FINISH: Raw	Infrastructure JENSEN 527 Dunn Circle, Sparks, NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	PART NUMBER & DESCRIPTION: 200084262 DAS2-T-3672-H4-TRX-R-CL	REV: B-3
MATERIAL SURFACE: TraxPlate™		WEIGHT: 169.55 Lbs DRAWN BY: R. Dohr	SHEET: 4
		CREATED: 12/14/2023 MODIFIED: 8/1/2025	

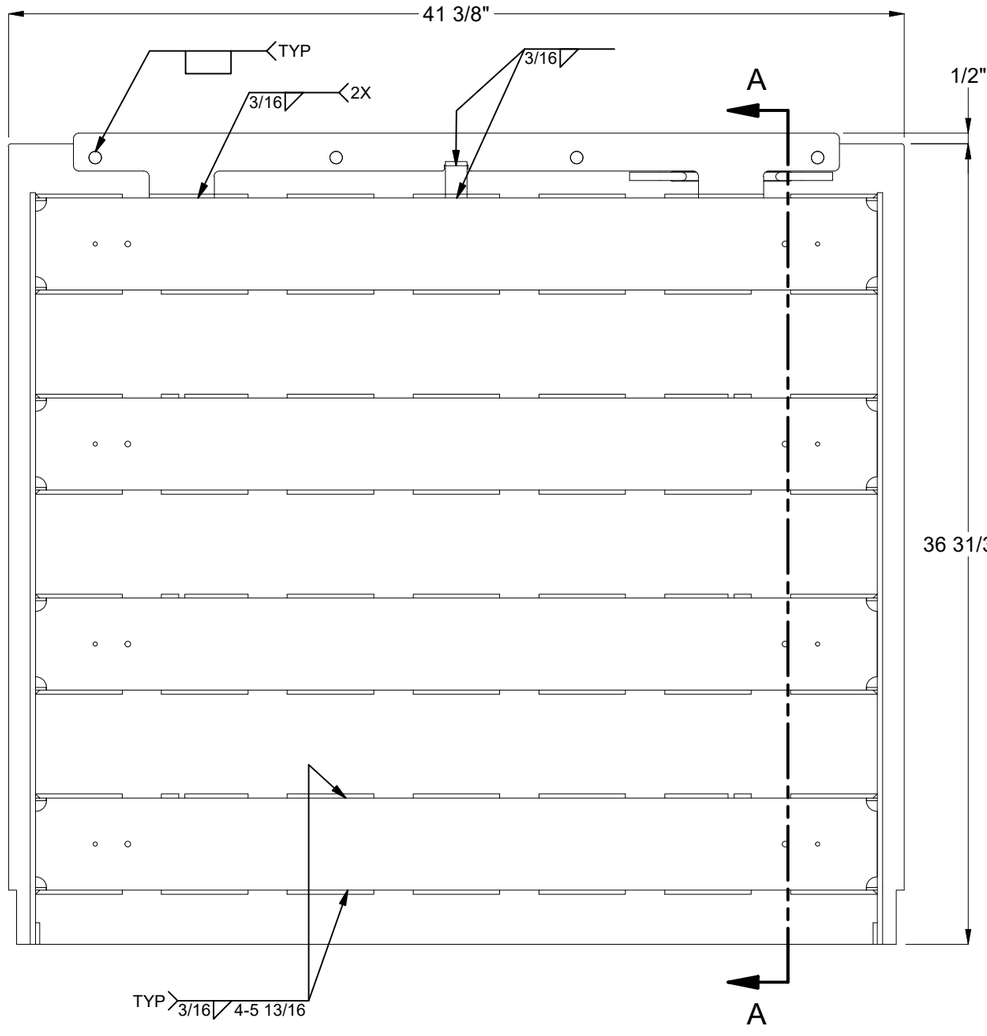
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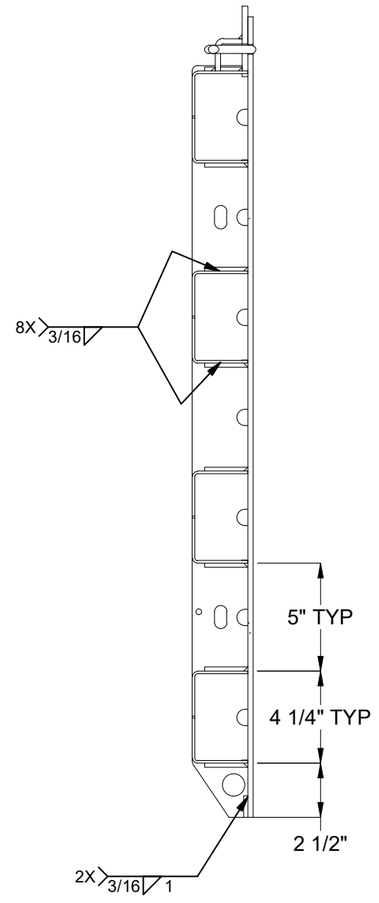
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BILL OF MATERIALS

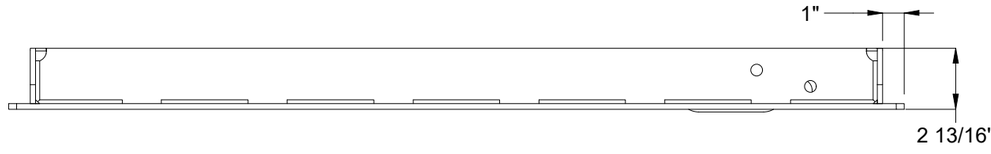
ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	1	108.237 lbmass	100007735	Door Component Steel Plate, Bottom	200084267
2	2	11.718 lbmass	100007735	Door Component Steel Side Bar	200084264
3	4	47.041 lbmass	100007840	Door Component Steel Channel	200084263
4	1	4.822 lbmass	100007735	Door Component Steel Lap Bar 36in, 2.5" Stiffener Offset	200087246
5	1	1	100007644	LEAF PULL HANDLE A36 3/8IN DIAMETER	100007644
6	1	1	100007647	LIFTING BRACKET STEEL LEAF	100007647







SECTION A-A



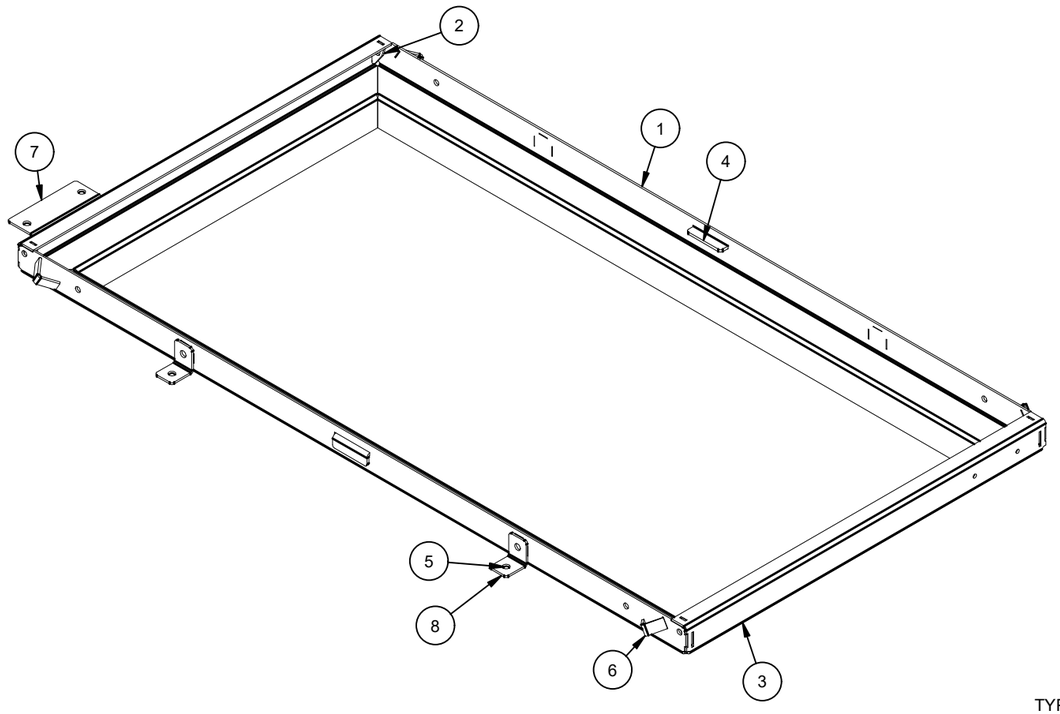
ROBOT DOOR

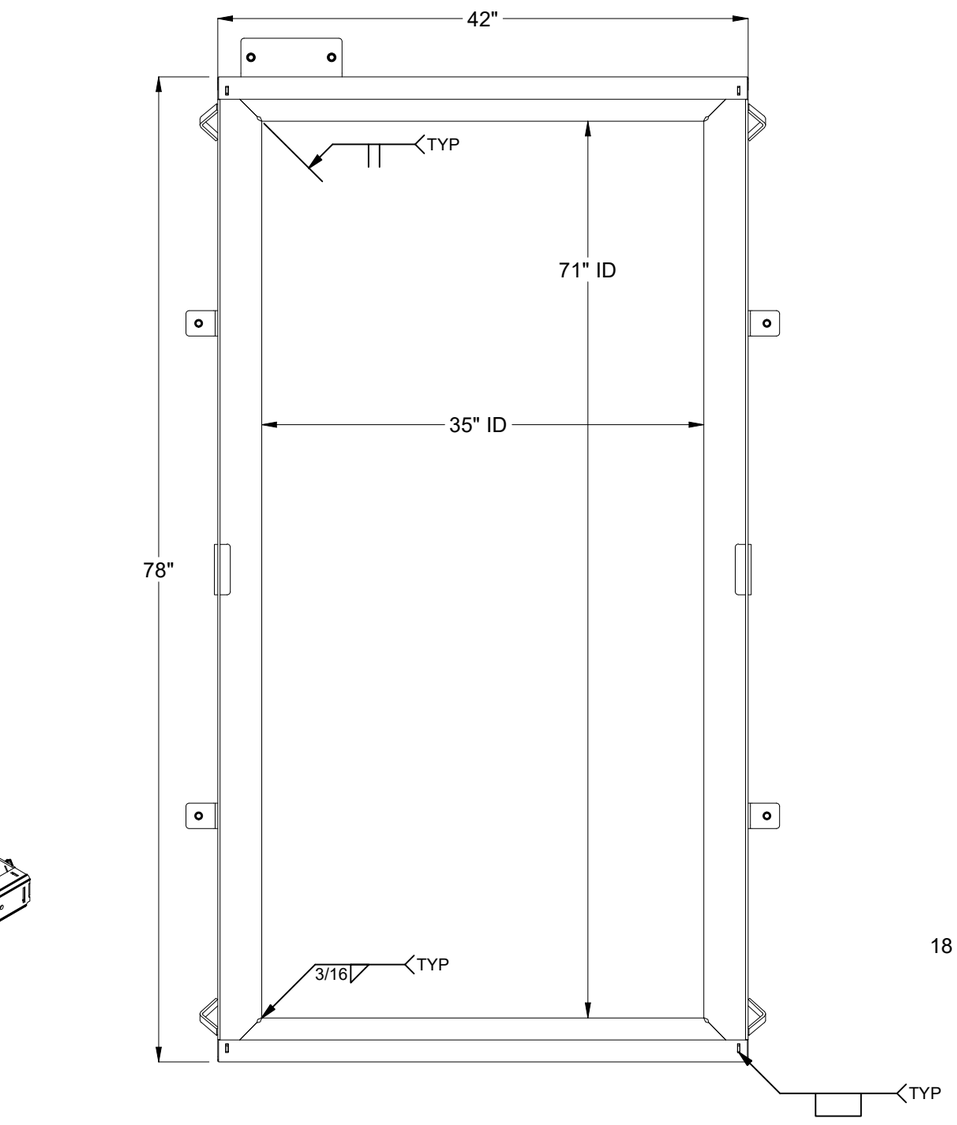
MATERIAL FINISH: Raw	Infrastructure JENSEN 527 Dunn Circle, Sparks, NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2025 Jensen Infrastructure - All rights reserved. All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected under 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: 200084266 DAS2-B-3672-H4-TRX-R	REV: B-3
MATERIAL SURFACE: TraxPlate™			WEIGHT: 173.24 Lbs CREATED: 12/14/2023	DRAWN BY: R. Dohr MODIFIED: 8/1/2025	SHEET: 5

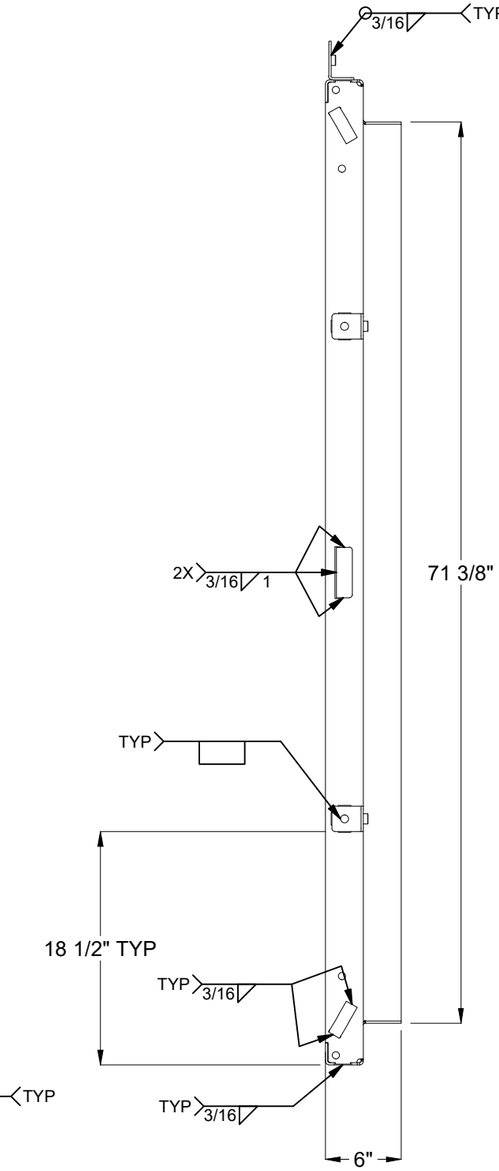
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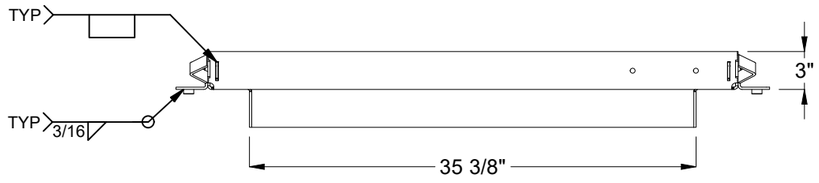
BILL OF MATERIALS

ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	2	71.701 lbmass	100007734	Frame Component Steel Frame Side, Adjustable	200084260
2	4	4	200018691	FRAME BOLT DOUBLER SLOT	200018691
3	2	43.591 lbmass	100007734	Frame Component Steel Frame End, Adjustable	200084261
4	2	2	100007636	FRAME LATCH ANGLE - A36 - 4IN LONG	100007636
5	6	6	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	4	4	100007695	FRAME LEVELING ANGLE	100007695





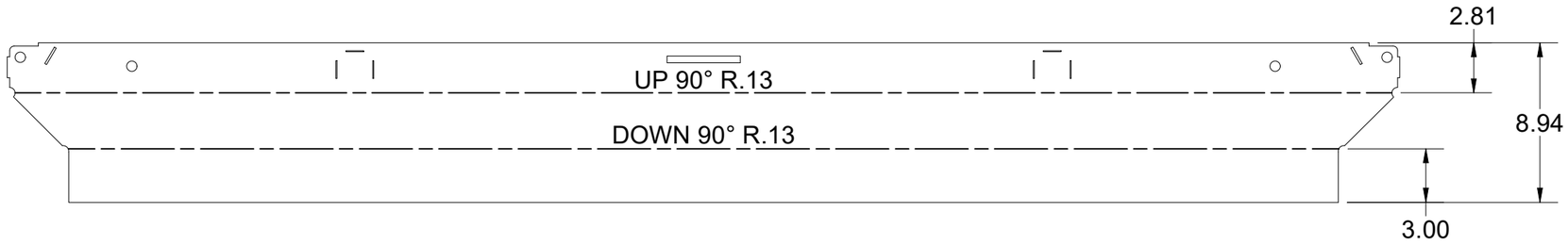


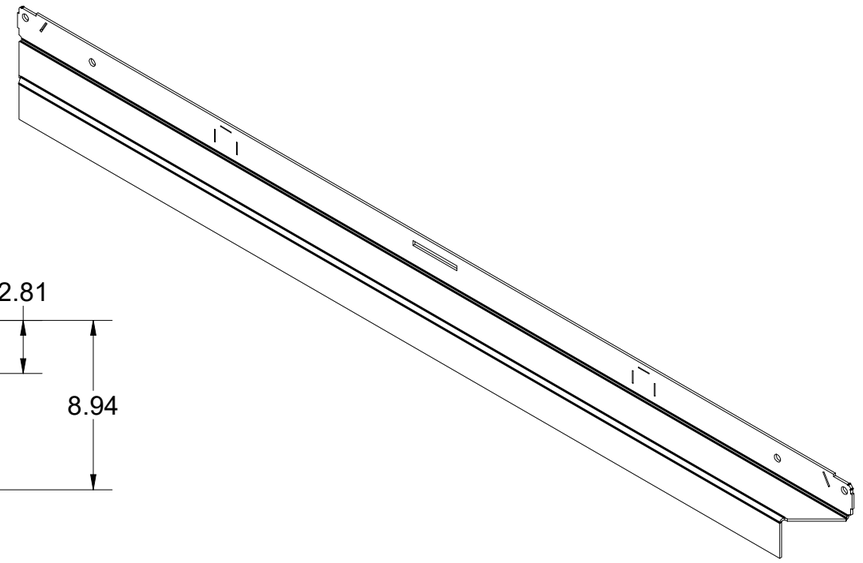


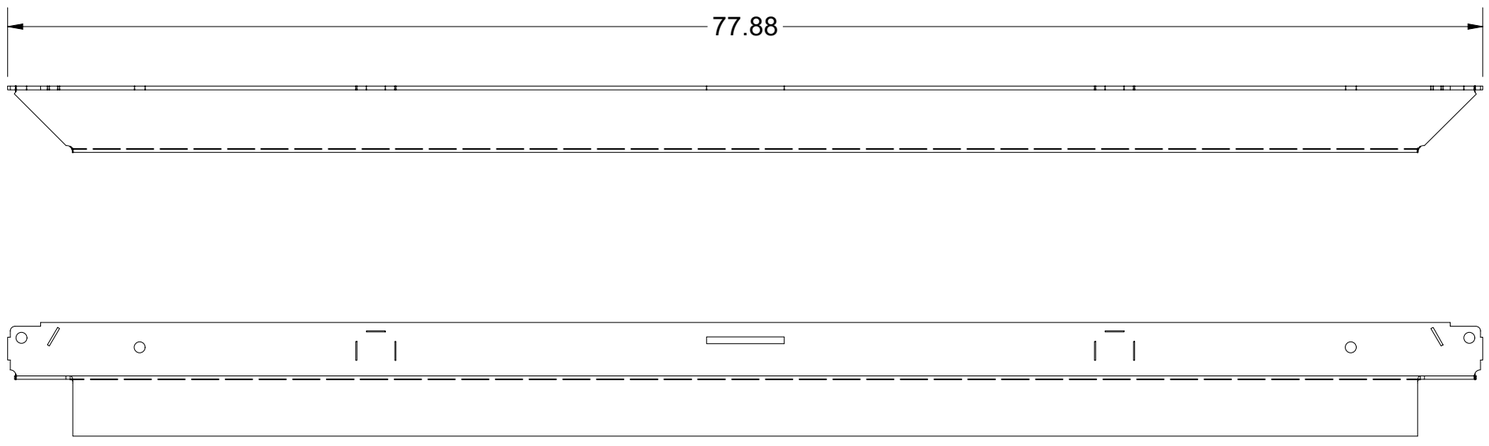
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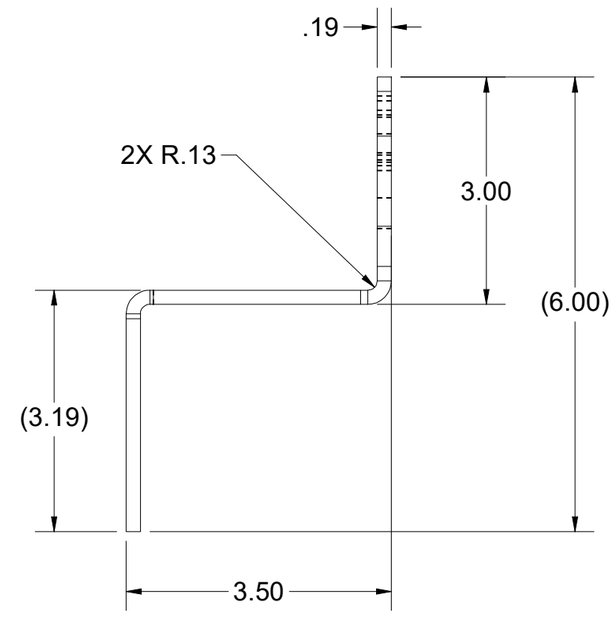
MATERIAL FINISH: Raw	Infrastructure JENSEN 527 Dunn Circle, Sparks, NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2025 Jensen Infrastructure - All rights reserved. All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected under 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: 200084259 FAS-3672-AH-R-OH06 — REV: B-3
MATERIAL SURFACE: Smooth			WEIGHT: 121.75 Lbs — DRAWN BY: R. Dohr — SHEET: 6
			CREATED: 12/14/2023 — MODIFIED: 8/1/2025

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: 200084260 Frame Component Steel Frame Side, Adjustable

REV: B-3

WEIGHT: 35.851 lbmass

DRAWN BY: R. Dohr

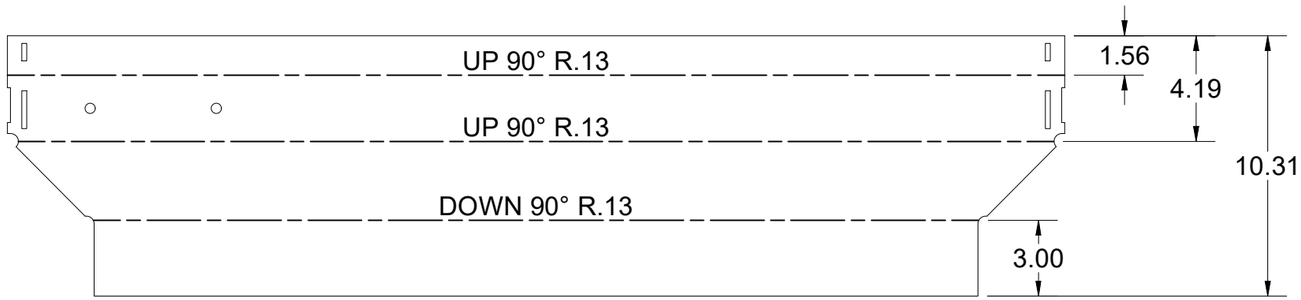
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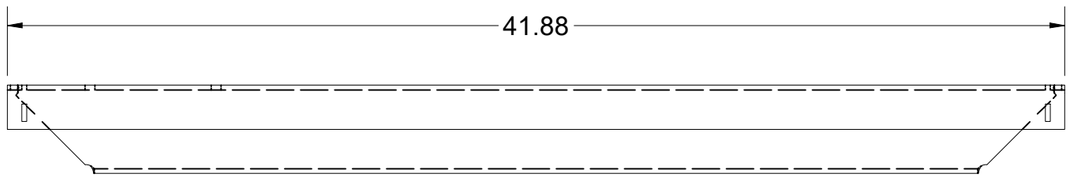
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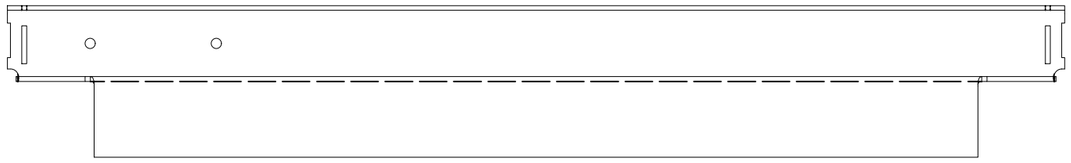
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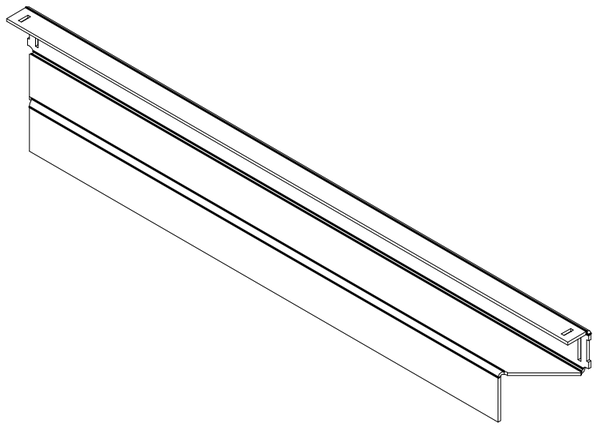
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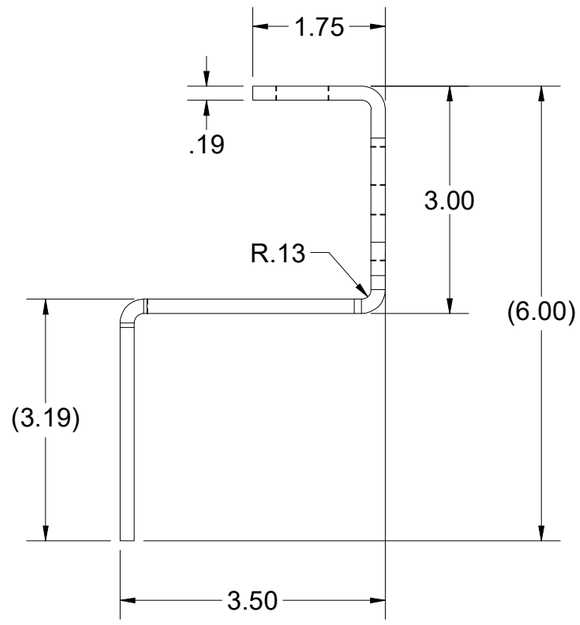
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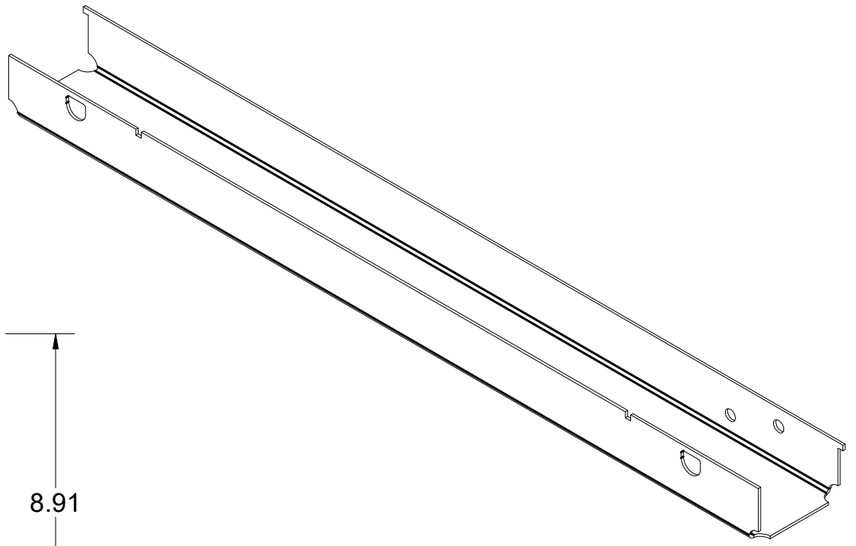
BEND TABLE				MATERIAL IFS: 100007734
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1875
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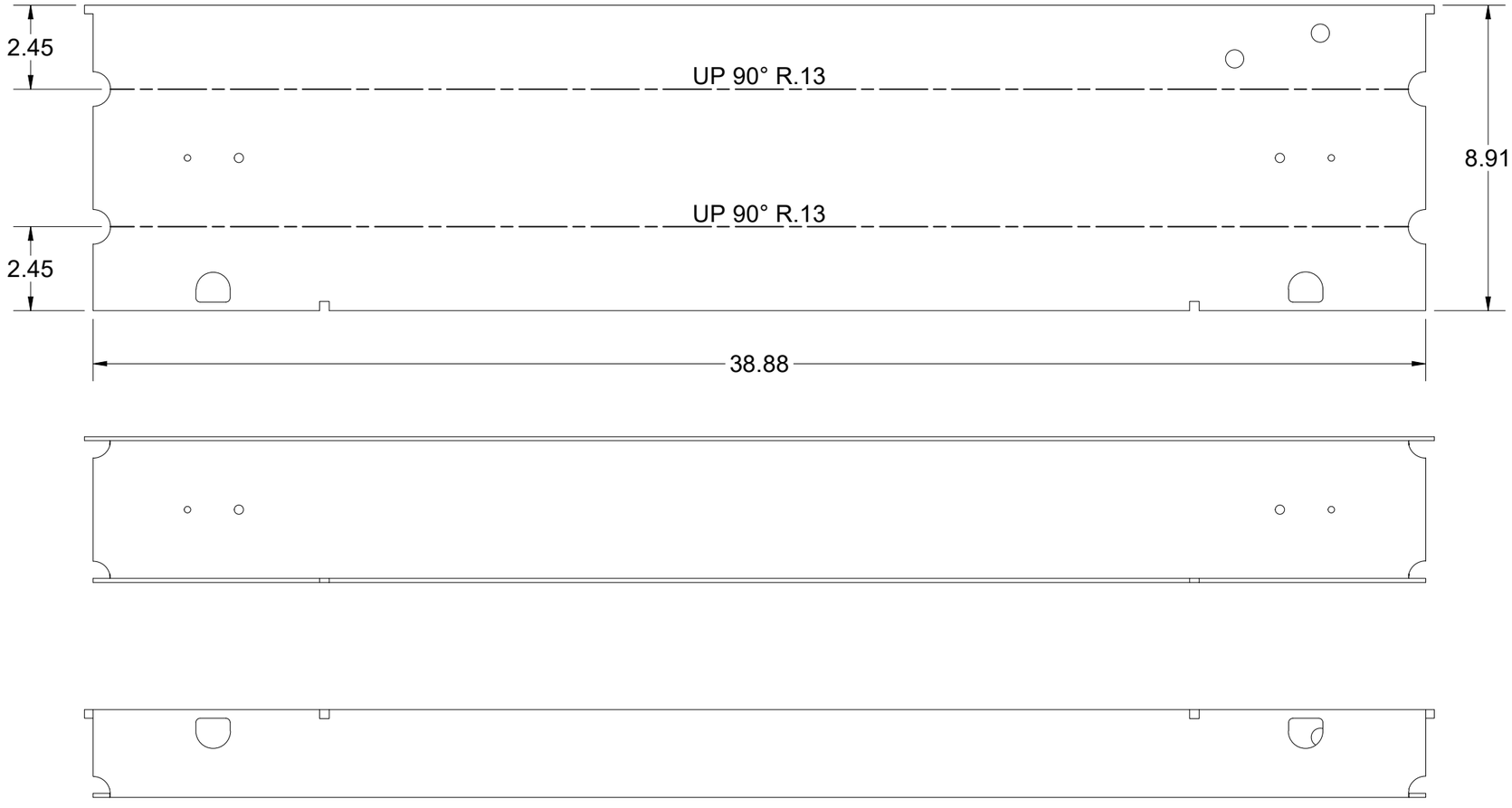
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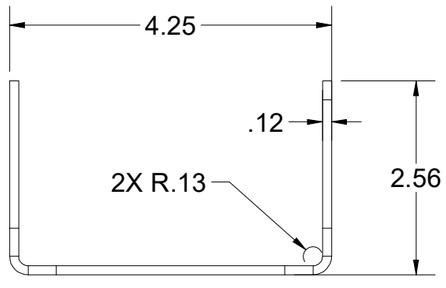
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NAME & DESCRIPTION: 200084261 Frame Component Steel Frame End, Adjustable		REV: B-3
WEIGHT: 21.796 lbmass	DRAWN BY: R. Dohr	SHEET: 8 OF 13
CREATED: 12/14/2023	MODIFIED: 8/1/2025	

NOT SYMMETRIC







BEND TABLE			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION
0.125	1	90	0.235

MATERIAL IFS: 100007840

MATERIAL THK: 0.1196

MAT DESCRIPTION: SHT STL GR80 GA-11 SM-HR RAW .1196

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NAME & DESCRIPTION: 200084263 Door Component Steel Channel

REV: B-3

WEIGHT: 11.709 lbmass

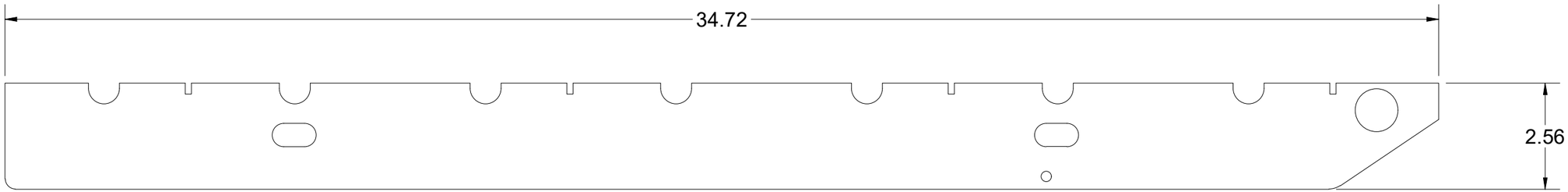
DRAWN BY: R. Dohr

CREATED: 12/14/2023

MODIFIED: 8/1/2025

SHEET: 9 OF 13

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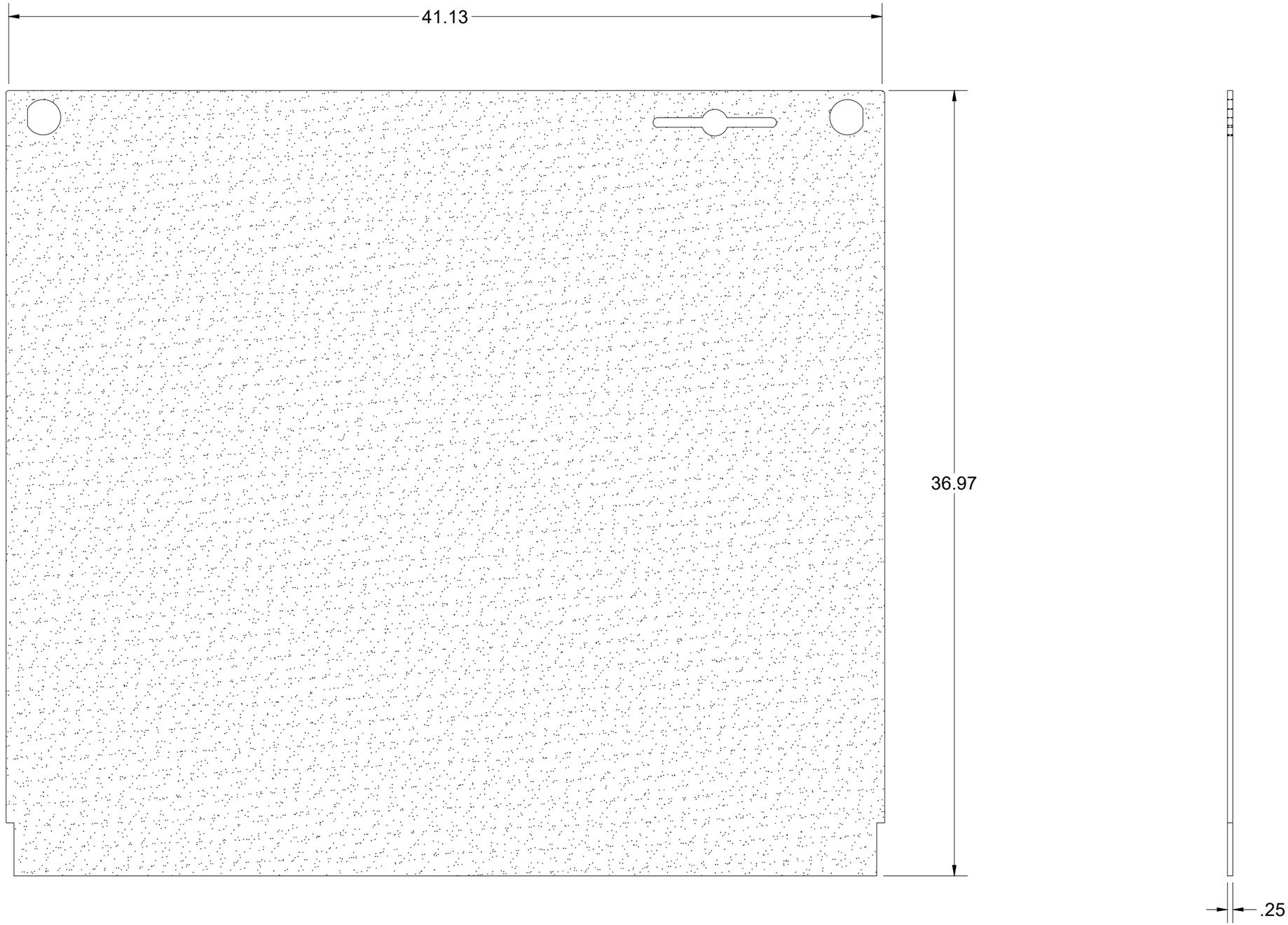
BEND TABLE				MATERIAL IFS: 100007735
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25
-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250

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NAME & DESCRIPTION:	200084264 Door Component Steel Side Bar	REV: B-3
WEIGHT: 5.859 lbmass	DRAWN BY: R. Dohr	SHEET: 10 OF 13
CREATED: 12/14/2023	MODIFIED: 8/1/2025	

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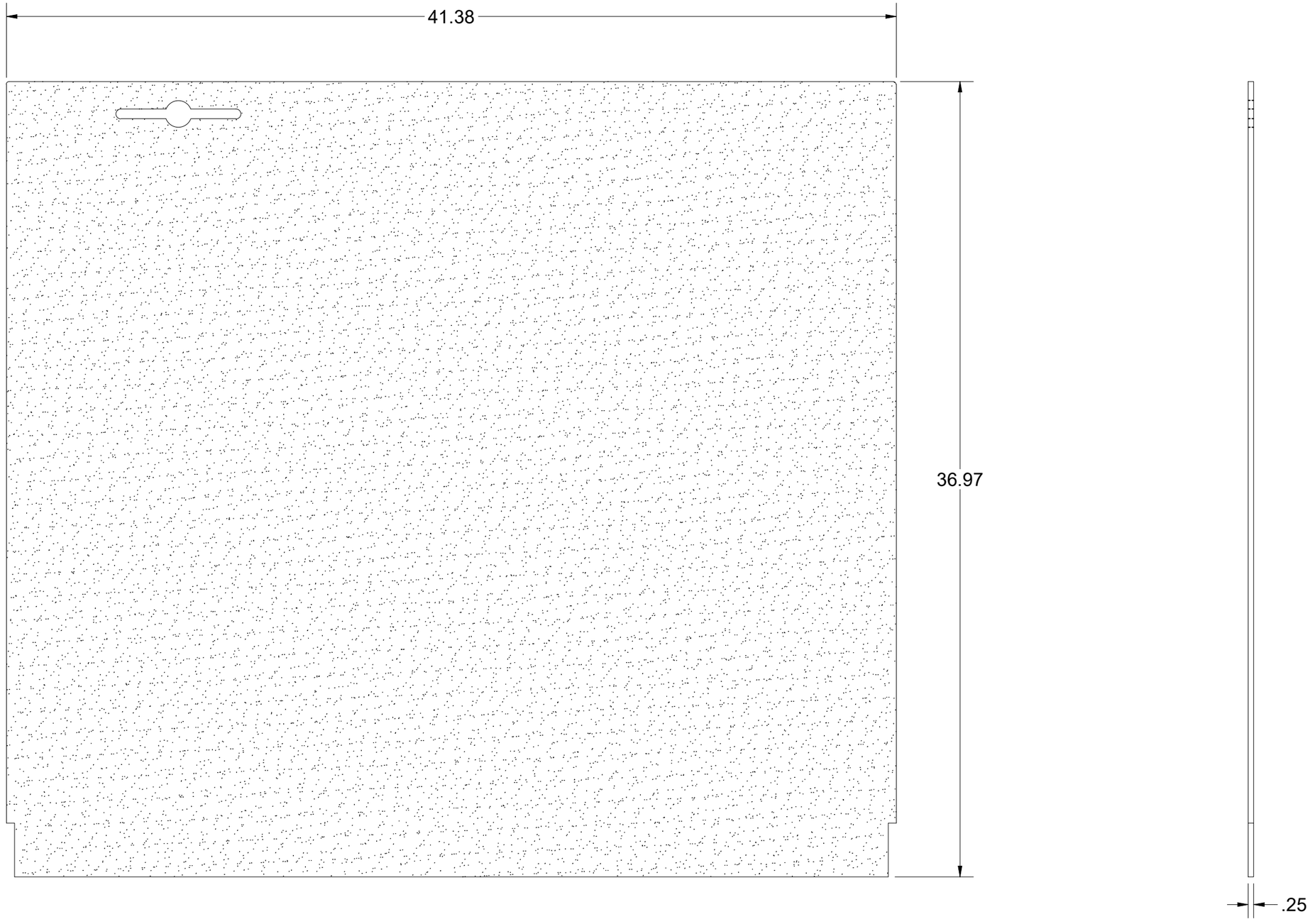
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BEND TABLE				MATERIAL IFS: 100007735			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25			
-	-	- 0	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250			

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NAME & DESCRIPTION: 200084265 Door Component Steel Plate, Top		REV: B-3
WEIGHT: 107.936 lbmass	DRAWN BY: R. Dohr	SHEET: 11 OF 13
CREATED: 12/14/2023	MODIFIED: 8/1/2025	



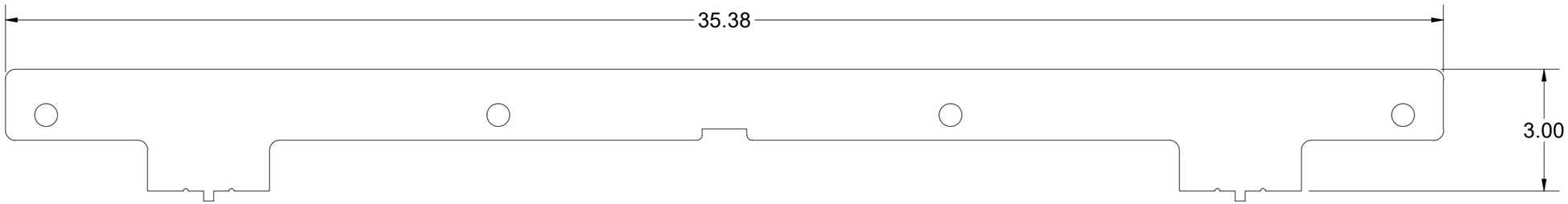
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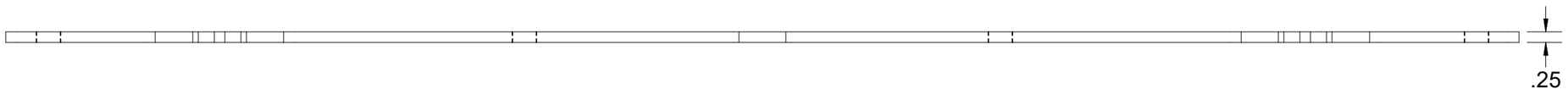
BEND TABLE				MATERIAL IFS: 100007735			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25			
-	-	- 0	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250			

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NAME & DESCRIPTION: 200084267 Door Component Steel Plate, Bottom		REV: B-3
WEIGHT: 108.236 lbmass	DRAWN BY: R. Dohr	SHEET: 12 OF 13
CREATED: 12/14/2023	MODIFIED: 8/1/2025	





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: 200087246 Door Component Steel Lap Bar 36in, 2.5" Stiffener Offset		REV: B-3
WEIGHT: 4.842 lbmass	DRAWN BY: R. Dohr	SHEET: 13 OF 13
CREATED: 12/14/2023	MODIFIED: 8/1/2025	

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