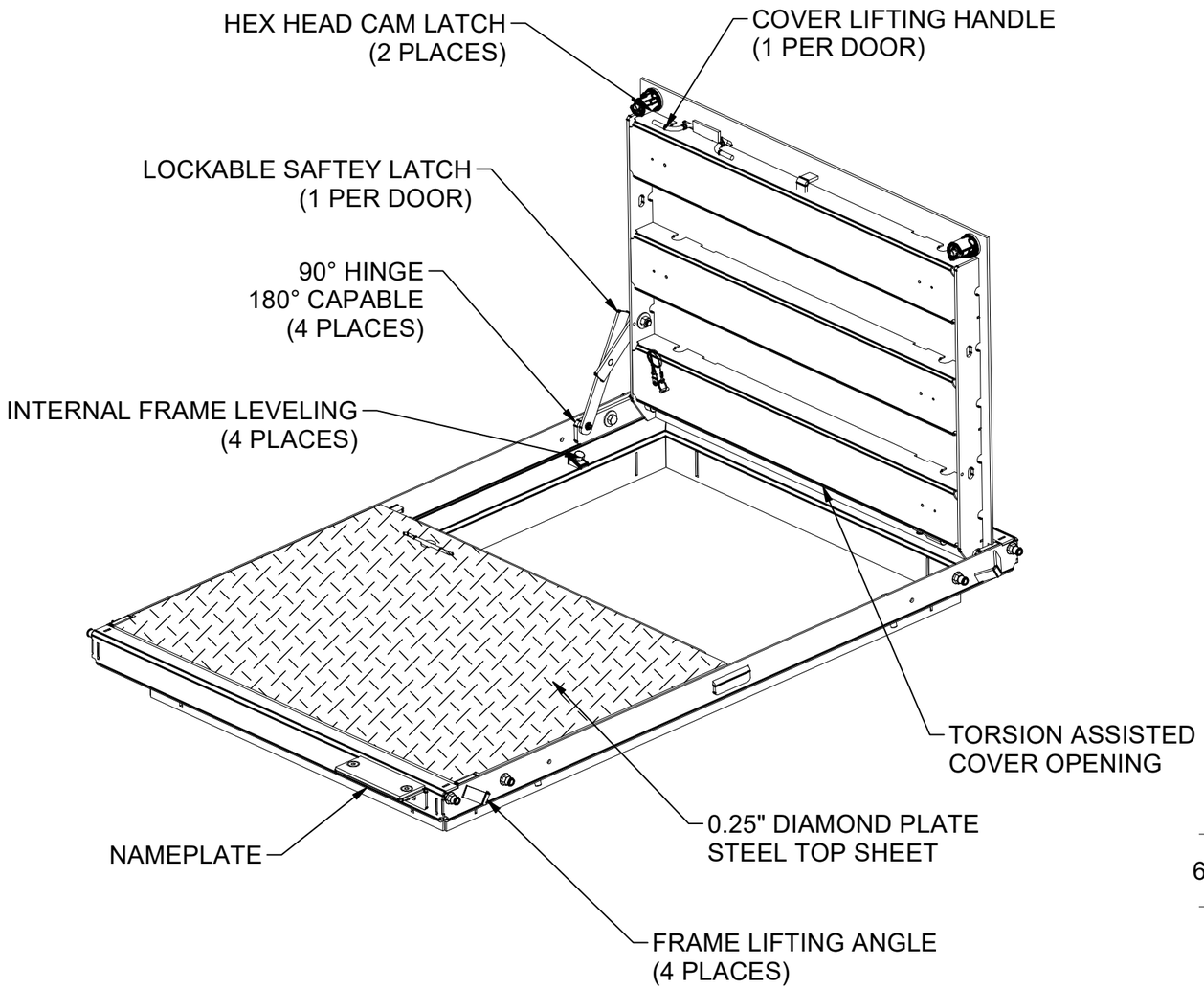
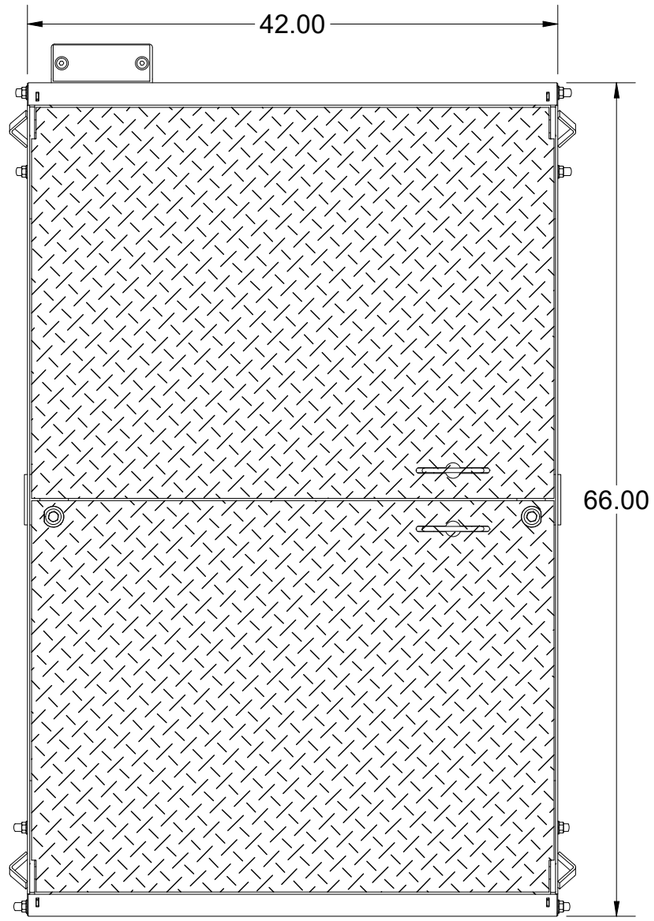
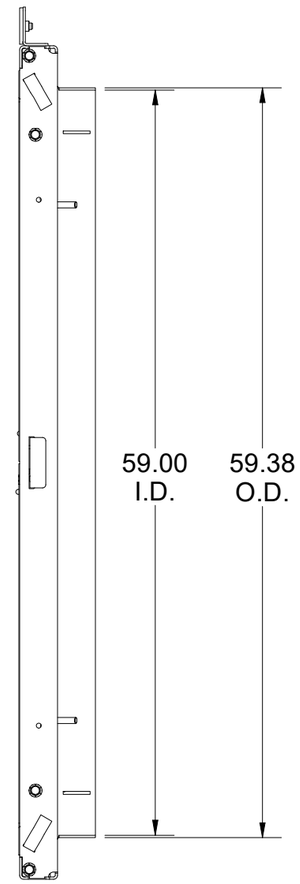
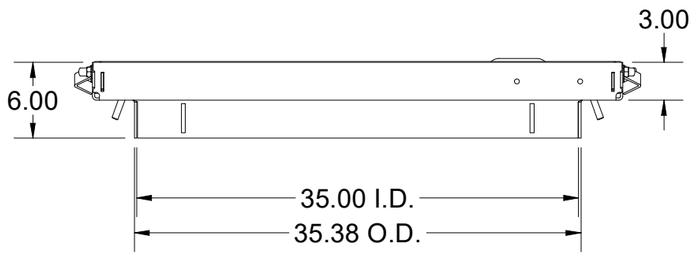








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ASTM C1802: Level 04

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

SURFACE:	Diamond Plate	FINISH:	Galvanized
WEIGHT:	434.82 lbs	MARKING:	As Noted

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DESCRIPTION: CAS2-3660-AH4-DP-G-OH06

36x60 Cover Assembly (ASTM Load Level 04, 2 Door, Steel, Hinged, Diamond Plate, Galvanized , N/A , N/A) OH 06

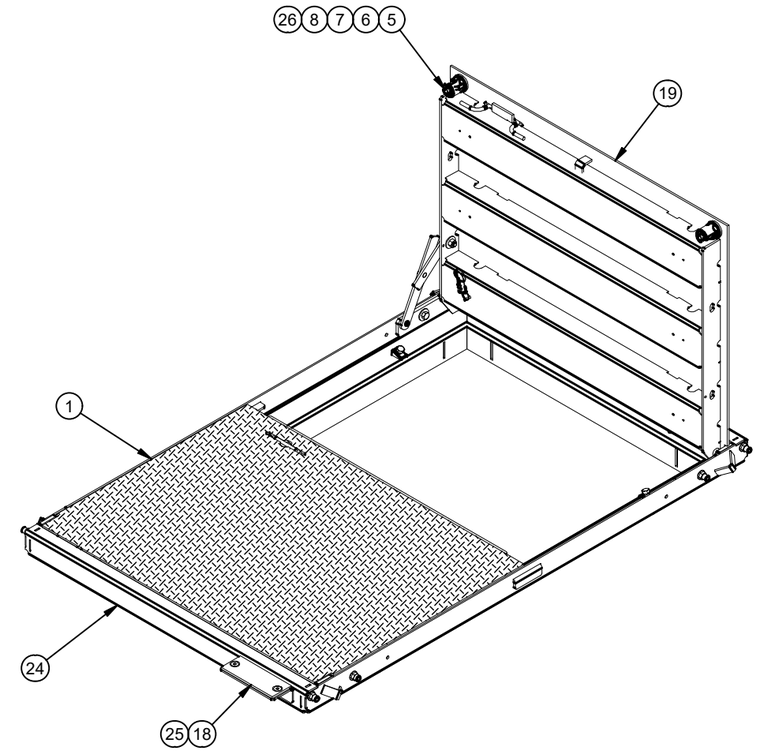
PART NUMBER:	200067190	DRAWN BY:	K. Aguilar
CREATED:	5/1/2018	MODIFIED:	8/1/2022

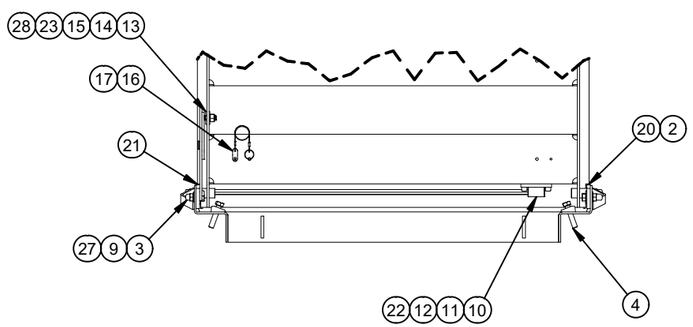
REV: C

SHEET: 1

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	1	1	200051235	DAS2-B-3660-H4-DP-R-STANDARD ROBOT DOOR
2	1	5	100007869	BOLT SHCS 1/2-13 X 1-3/4 SS
3	1	4	100003823	BOLT HEX 1/2-13 UNC 1.5 ZINC
4	1	4	100005059	BOLT HEX 1/2-13 UNC 2.5 ZINC
5	1	2	100007729	HEX NUT SLOTTED CASTLE HEAD 1/2-13 SS
6	1	2	100007857	NUT FINGER 1/2-13 BRASS
7	1	2	100007915	SPRING COMPRESSION 055 X 5/8 X 7/8 LONG
8	1	2	100007918	COTTER PIN 0.094DIA X 1-1/4
9	1	8	100007939	CAP VINYL .467 X 1/2
10	1	4	100007859	RIVET NUT 3/8-16 FLAT KNURLED
11	1	4	100007873	BOLT SHCS 3/8-16 X 1-1/4 PLATED
12	1	2	100007727	TORSION HEX ROD 1/2 X 36 RAW
13	1	2	100007933	SAFETY LATCH ASSY FOR UNI AND 90 D HINGE
14	1	1	100007876	BOLT SHOULDER 3/8 X 1/2 WITH 5/16-18 THREADS GR 5 PLATED
15	1	2	100007492	HEX NUT NYLOCK 1/2-13 GR-5 ZINC-PLATED
16	1	2	100007924	LANYARD 3/64 W/PIN COATED SS
17	1	2	100007882	RIVET GRIP STEEL 3/16 X 7/16 LRG HD
18	1	2	100007872	BOLT HEX SOCKET FLAT COUNTERSUNK HEAD 1/2-13 UNC 1 GR 5 SS
19	1	1	200051231	DAS2-T-3660-H4-DP-R-STANDARD ROBOT DOOR
20	1	2	100007660	HINGE ASSY STL RIGHT .50
21	1	2	100007659	HINGE ASSY STL LEFT .50
22	1	2	100007671	SPRING MOUNT ASSY .50
23	1	8	100011418	WASHER FLAT 1/2 X 1 3/8 USS TYPE A ZINC
24	1	1	200067191	FAS-3660-AH-R-OH06
25	1	1	100007391	NAME PLATE STEEL - BLANK
26	1	2	100011407	BOLT HEX 1/2-13 UNC 2.25 ZINC
27	1	8	100026256	LOW-STRENGTH STEEL FLANGE NUT, 1/2" - 13 THREAD SIZE
28	1	1	100007876	BOLT SHOULDER 3/8 X 1/2 WITH 3/8-16 UNC THREADS GR 5 PLATED





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MATERIAL FINISH: Galvanized

MATERIAL SURFACE: Diamond Plate

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PART NUMBER & DESCRIPTION: 200067190 CAS2-3660-AH4-DP-G-OH06

REV: C

WEIGHT: 434.82 Lbs

DRAWN BY: K. Aguilar

CREATED: 5/1/2018

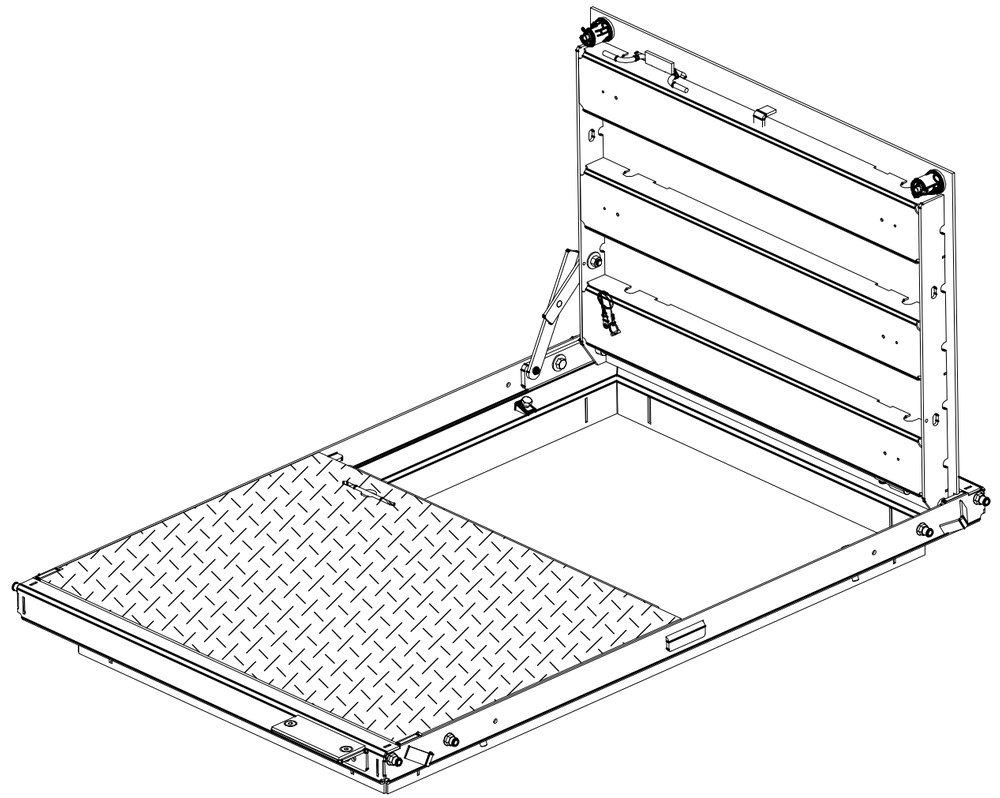
MODIFIED: 8/1/2022

SHEET: 2

BURN LIST - BOM

PART NUMBER	ITEM QTY	DESCRIPTION	STOCK NUMBER	MATERIAL	MASS
200051232	6	Door Component Steel Channel	100007840	SHT STL GR80 GA-11 SM-HR RAW .1196	12.982 lbmass
200051233	4	Door Component Steel Side Bar	100007735	STL ASTM A36 SM-HRPO RAW .250	4.814 lbmass
200051234	1	Door Component Steel Plate, Top, Robot Door	100007736	SHT STL CQ DP RAW .25	99.469 lbmass
200051236	1	Door Component Steel Plate, Bottom, Robot Door	100007736	SHT STL CQ DP RAW .25	99.800 lbmass
200051237	1	Door Component Steel Lap Bar, Robot Door	100007735	STL ASTM A36 SM-HRPO RAW .250	5.390 lbmass
200067192	2	Frame Component Steel Frame Side, Adjustable	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	29.866 lbmass
200067193	2	Frame Component Steel Frame End, Adjustable	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	21.684 lbmass

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MATERIAL FINISH: Galvanized

MATERIAL SURFACE: Diamond Plate

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PART NUMBER & DESCRIPTION: 200067190 CAS2-3660-AH4-DP-G-OH06

REV: C

WEIGHT: 434.82 Lbs

DRAWN BY: K. Aguilar

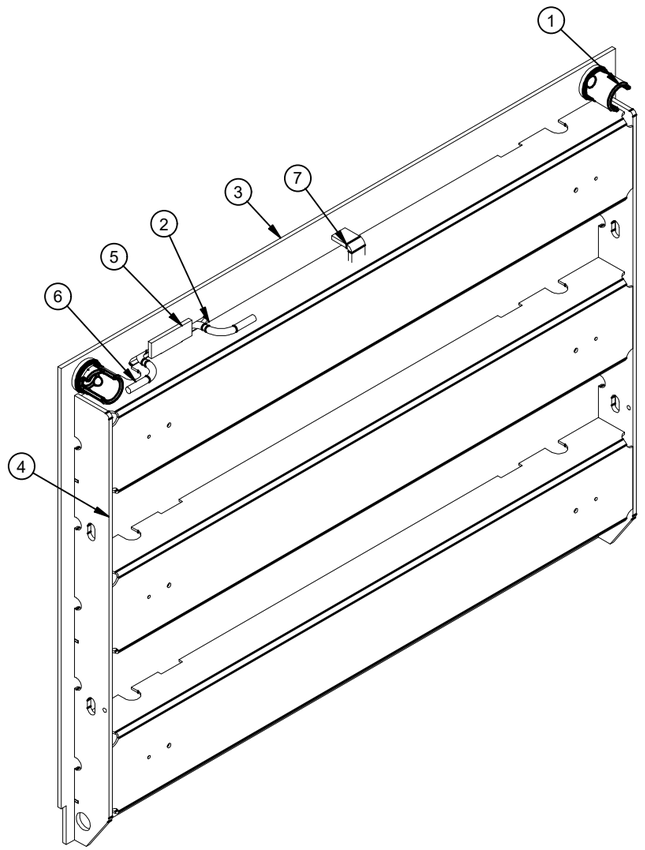
CREATED: 5/1/2018

MODIFIED: 8/1/2022

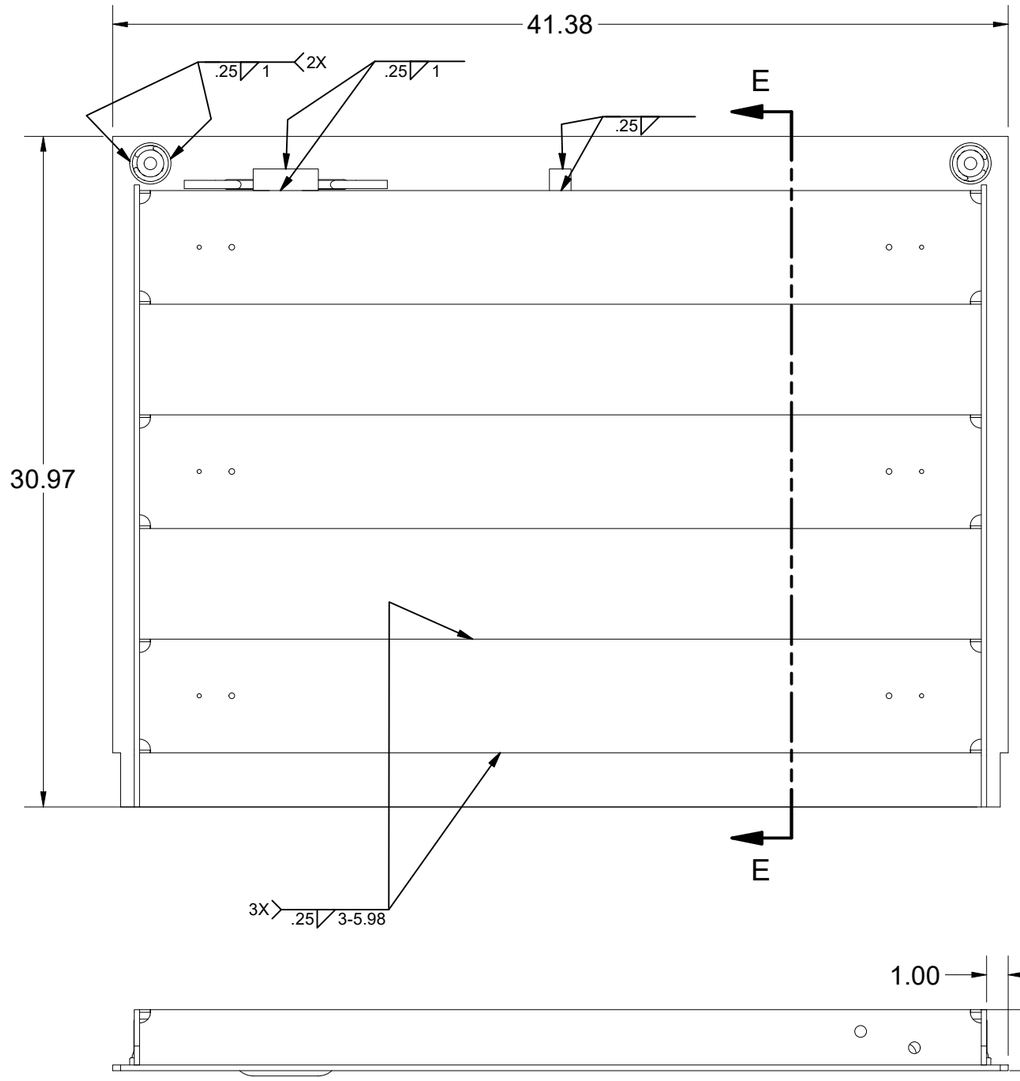
SHEET: 3

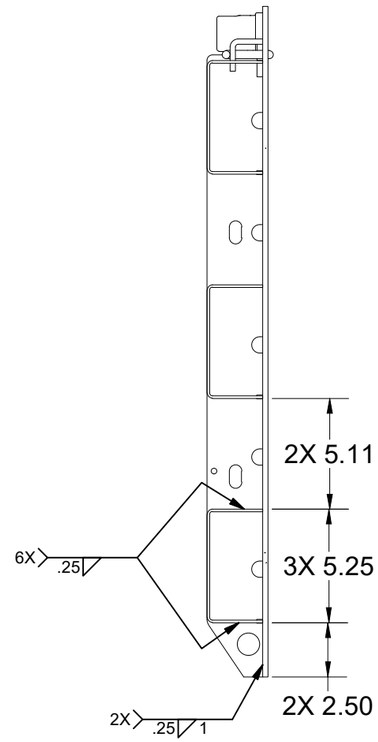
BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	1	2	100007970	CAM TOWER CAST STEEL
2	1	3	200051232	Door Component Steel Channel
3	1	1	200051234	Door Component Steel Plate, Top, Robot Door
4	1	2	200051233	Door Component Steel Side Bar
5	1	1	100007646	HANDLE RETAINER STL
6	1	1	100007644	LEAF PULL HANDLE A36 3/8IN DIAMETER
7	1	1	100007647	LIFTING BRACKET STEEL LEAF



ROBOT DOOR
SYSTEM:100iB
S1:57-56
S2:36-20





SECTION E-E

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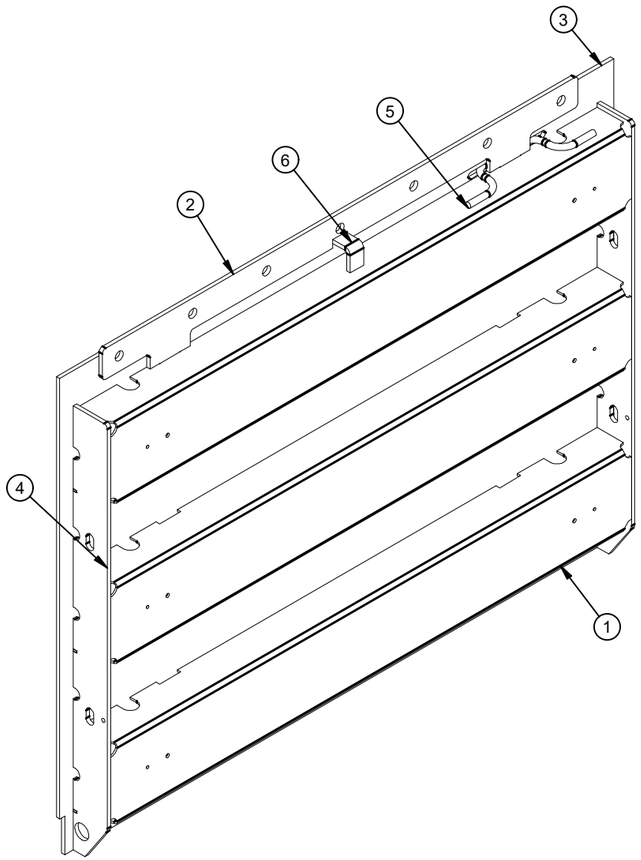
MATERIAL FINISH: Raw	JENSEN METALTECH 450 E. GLENDALE AVE. SPARKS. NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2022 Jensen Precast- All rights reserved. All materials appearing as Jensen Precast documents and the like are proprietary work product and are protected under U.S. copyright 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: 200051231 DAS2-T-3660-H4-DP-R-STANDARD ROBOT DOOR
MATERIAL SURFACE: Diamond Plate			WEIGHT: 149.8 Lbs DRAWN BY: K. Aguilar CREATED: 4/23/2018 MODIFIED: 8/1/2022

REV: A-1

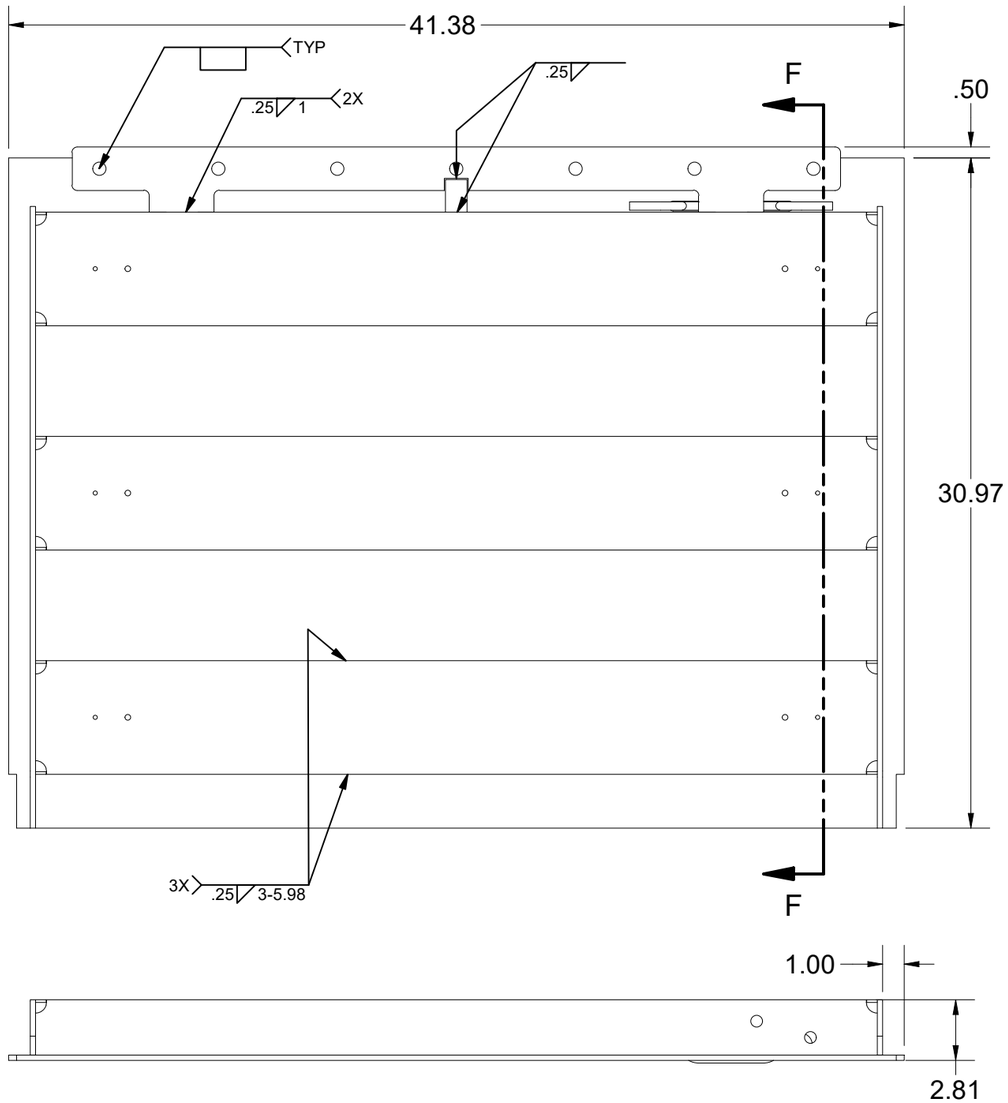
SHEET: 4

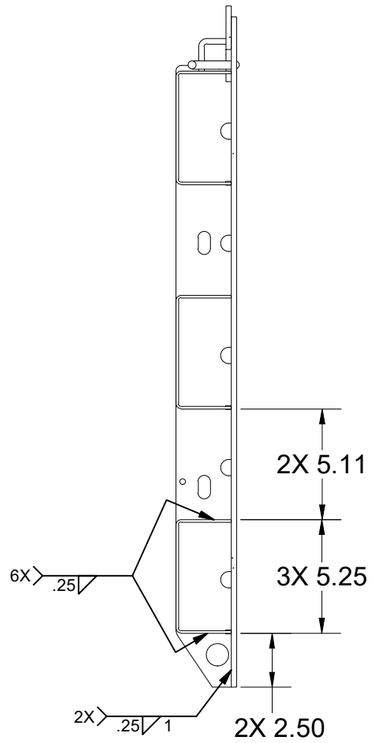
BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	1	3	200051232	Door Component Steel Channel
2	1	1	200051237	Door Component Steel Lap Bar, Robot Door
3	1	1	200051236	Door Component Steel Plate, Bottom, Robot Door
4	1	2	200051233	Door Component Steel Side Bar
5	1	1	100007644	LEAF PULL HANDLE A36 3/8IN DIAMETER
6	1	1	100007647	LIFTING BRACKET STEEL LEAF



ROBOT DOOR
SYSTEM:100iB
S1:57-56
S2:36-20





SECTION F-F

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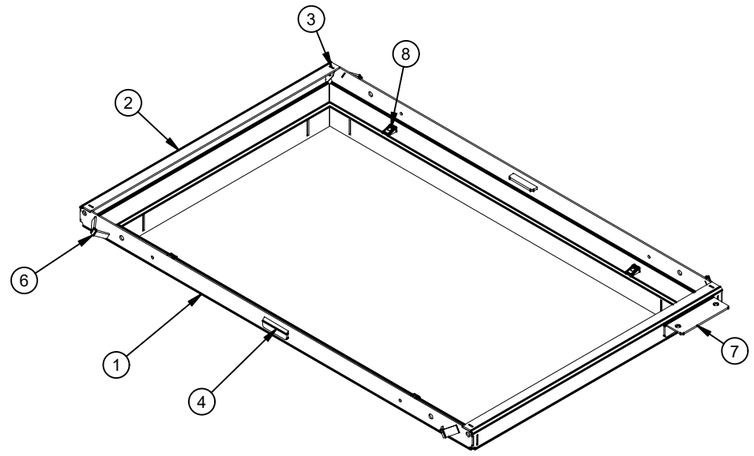
MATERIAL FINISH: Raw	JENSEN METALTECH 450 E. GLENDALE AVE. SPARKS. NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2022 Jensen Precast- All rights reserved. All materials appearing as Jensen Precast documents and the like are proprietary work product and are protected under U.S. copyright 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: 200051235 DAS2-B-3660-H4-DP-R-STANDARD ROBOT DOOR
MATERIAL SURFACE: Diamond Plate			WEIGHT: 154 Lbs DRAWN BY: K. Aguilar CREATED: 4/23/2018 MODIFIED: 8/1/2022

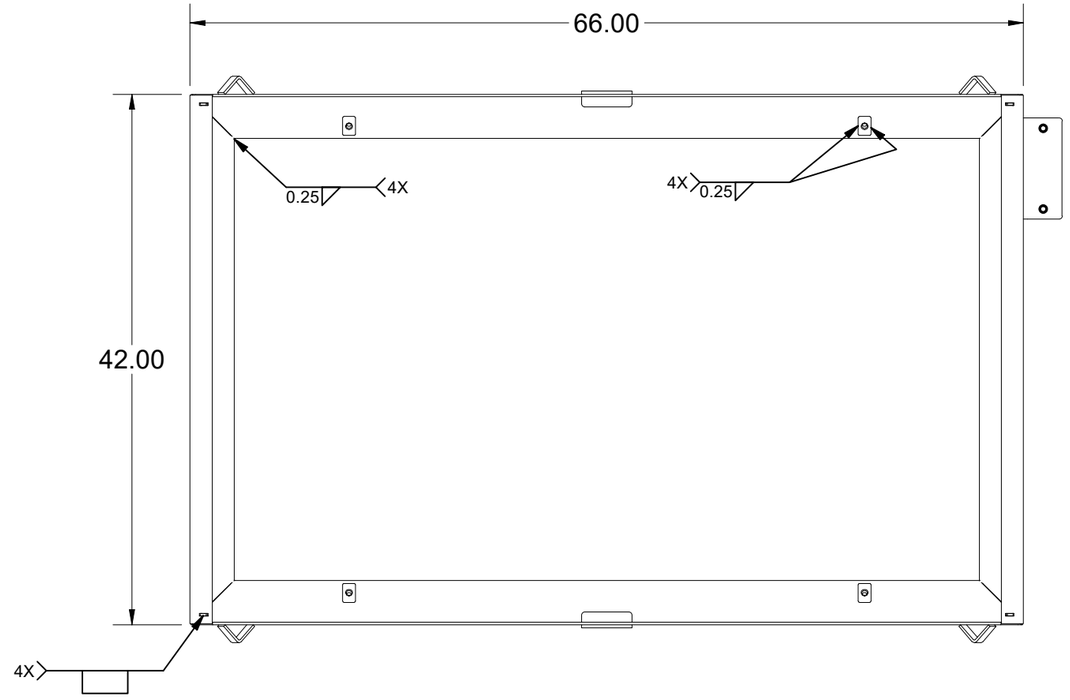
REV: A-1

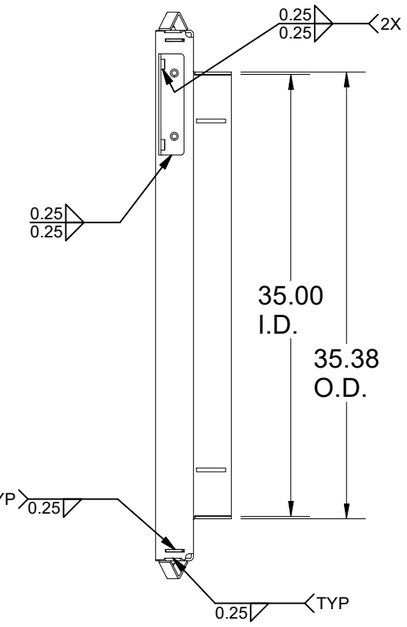
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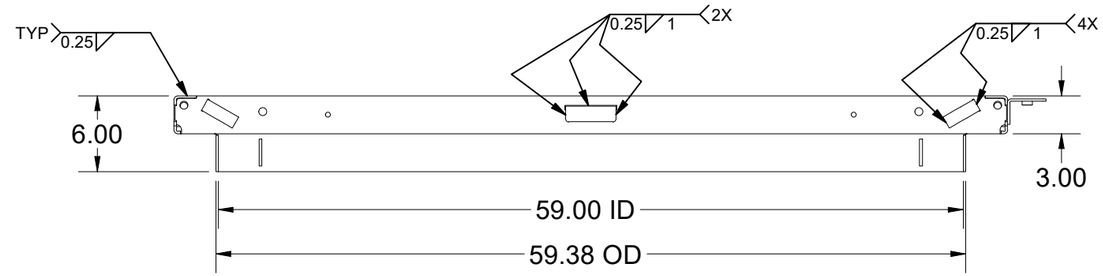
BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	1	2	200067192	Frame Component Steel Frame Side, Adjustable
2	1	2	200067193	Frame Component Steel Frame End, Adjustable
3	1	4	200018691	FRAME BOLT DOUBLER SLOT
4	1	2	100007636	FRAME LATCH ANGLE - A36 - 4IN LONG
5	1	2	100007728	NUT SELF-CLINCH 1/2-13 S-0813-1 RAW
6	1	4	100007641	FRAME LIFTING BRACKET
7	1	1	100007667	NAME PLATE FRAME ANGLE
8	1	4	100007863	NUT LEVELER 1/2-13 WELDABLE CAST STEEL



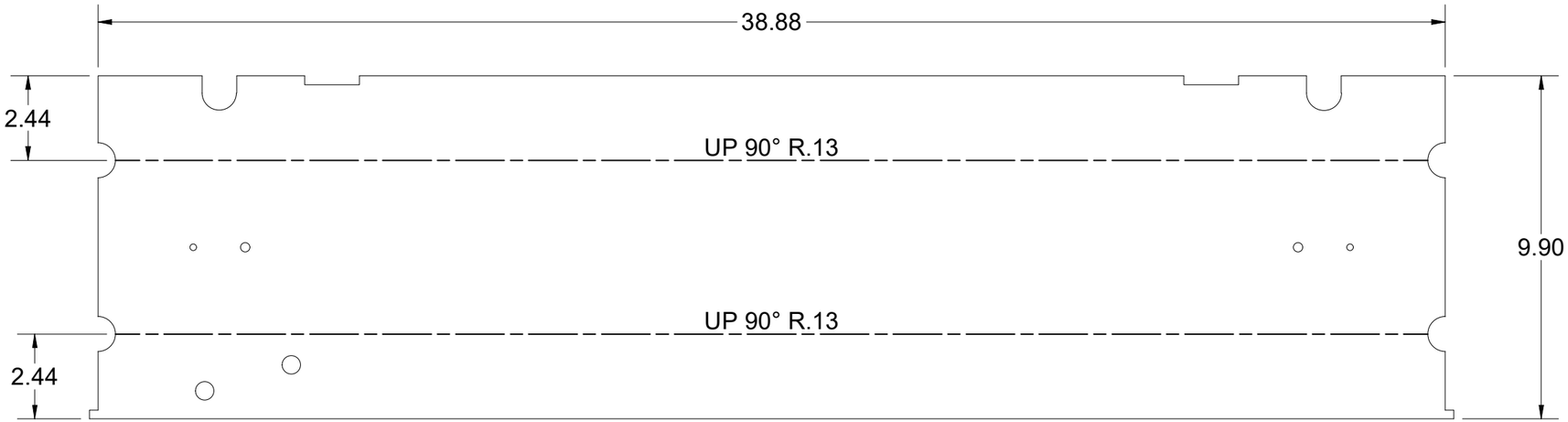


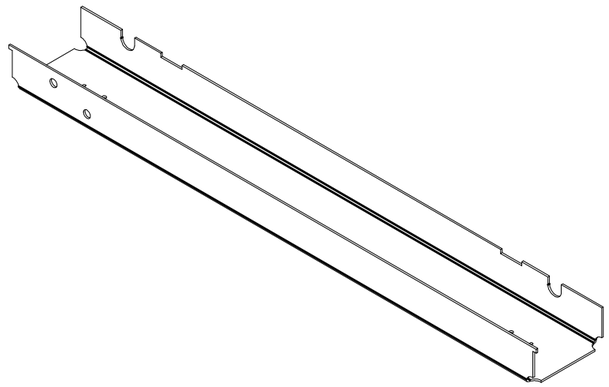




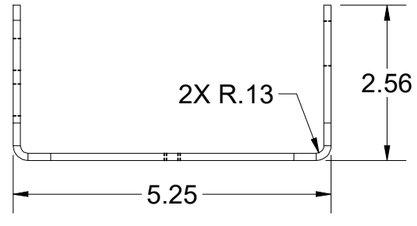
MATERIAL FINISH: Raw	JENSEN METALTECH 450 E. GLENDALE AVE. SPARKS. NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2022 Jensen Precast- All rights reserved. All materials appearing as Jensen Precast documents and the like are proprietary work product and are protected under U.S. copyright 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: 200067191 FAS-3660-AH-R-OH06 — REV: B
MATERIAL SURFACE: Smooth			WEIGHT: 140 Lbs — DRAWN BY: K. Aguilar — SHEET: 6
			CREATED: 4/17/2018 — MODIFIED: 8/1/2022

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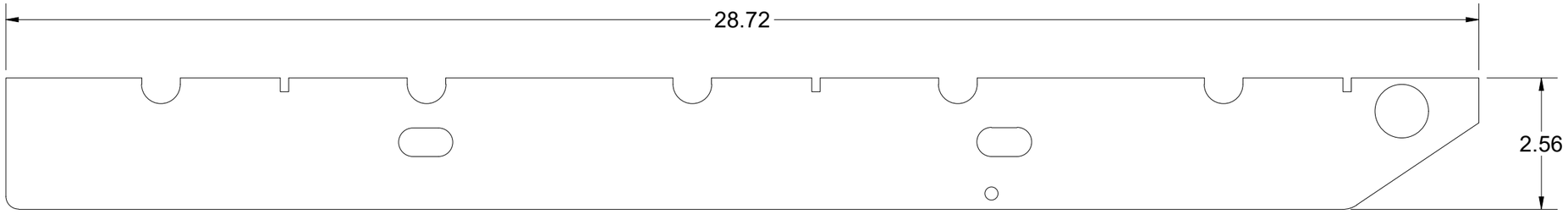
BEND TABLE				MATERIAL IFS: 100007840
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1196
0.125	1"	90	0.2350	MAT DESCRIPTION: SHT STL GR80 GA-11 SM-HR RAW .1196

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NAME & DESCRIPTION:	200051232 Door Component Steel Channel		REV:
WEIGHT:	12.982 lbmass	DRAWN BY: K. Aguilar	SHEET:
CREATED:	9/27/2018	MODIFIED: 8/1/2022	7 OF 13

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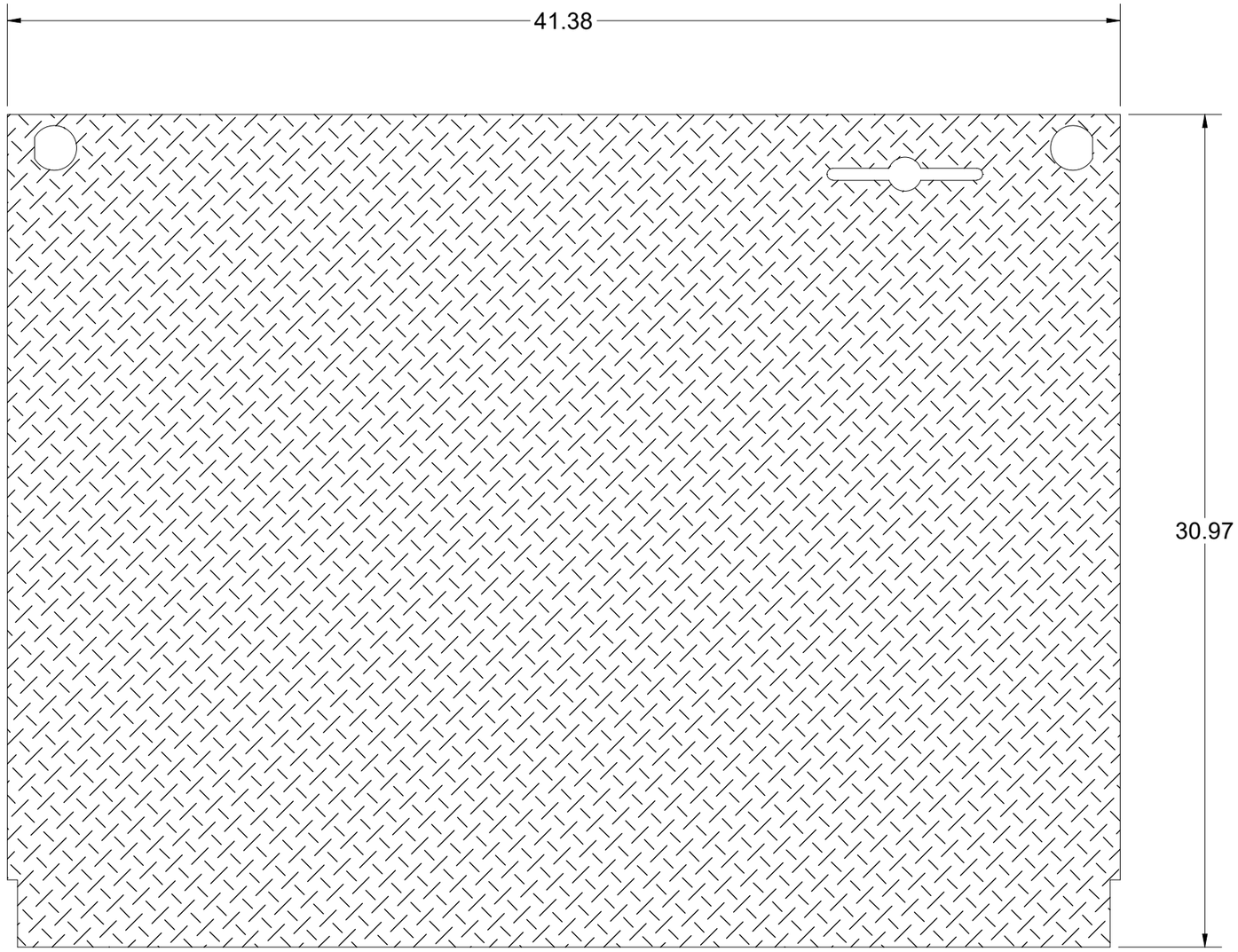
BEND TABLE				MATERIAL IFS: 100007735			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25			
-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250			

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NAME & DESCRIPTION:	200051233 Door Component Steel Side Bar		REV: A-1
WEIGHT: 4.814 lbmass		DRAWN BY: K. Aguilar	SHEET: 8 OF 13
CREATED: 9/27/2018		MODIFIED: 8/1/2022	

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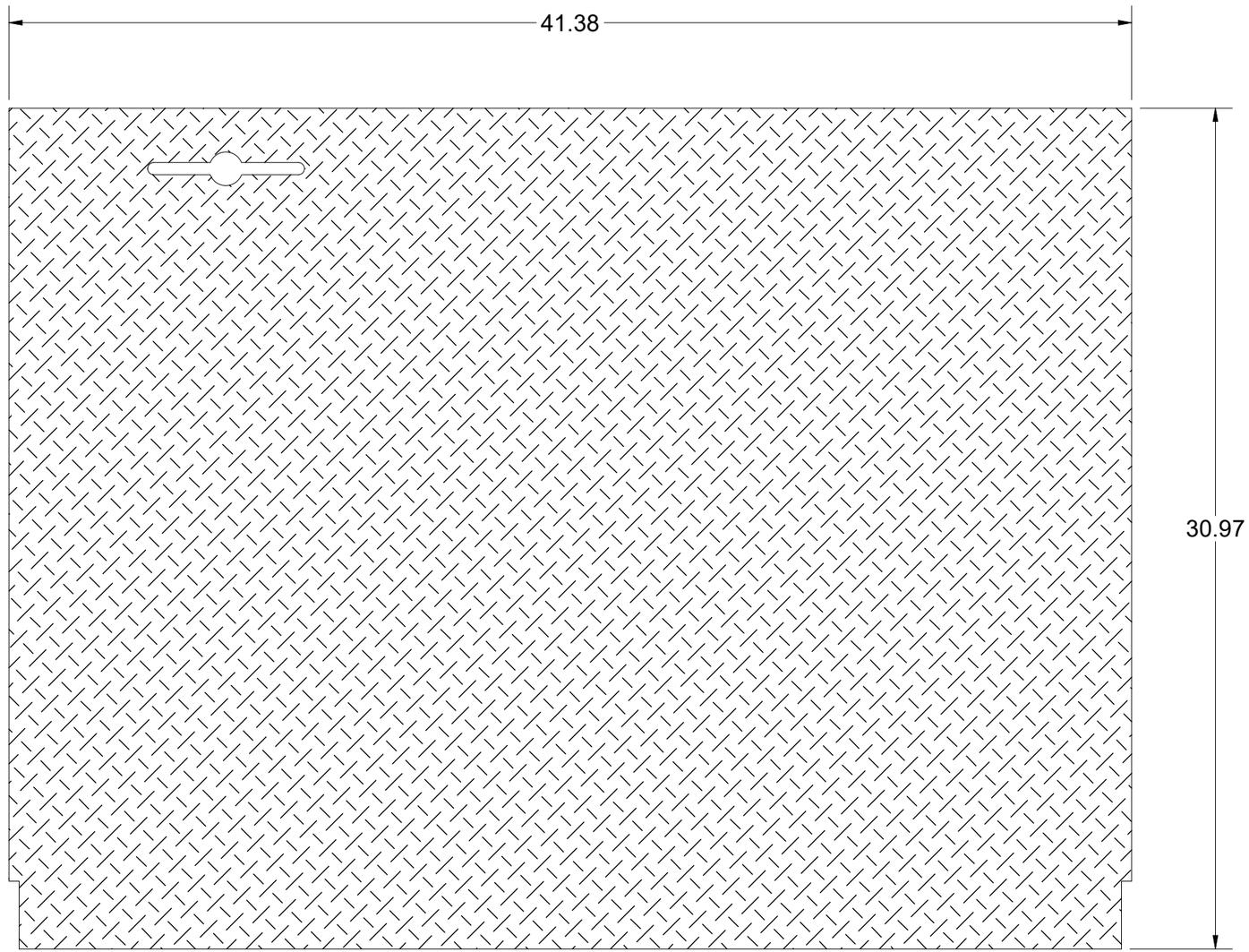
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BEND TABLE				MATERIAL IFS: 100007736
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25
-	-	-	-	MAT DESCRIPTION: SHT STL CQ DP RAW .25

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NAME & DESCRIPTION:	200051234 Door Component Steel Plate, Top, Robot Door	REV: A-1
WEIGHT: 99.469 lbmass	DRAWN BY: K. Aguilar	SHEET: 9 OF 13
CREATED: 9/27/2018	MODIFIED: 8/1/2022	



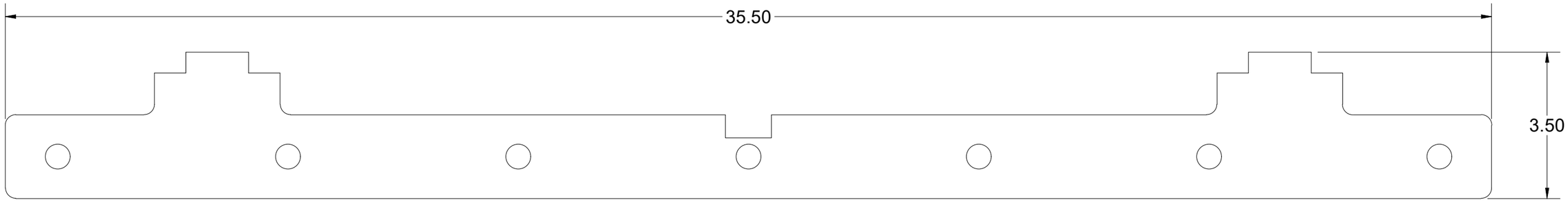
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BEND TABLE				MATERIAL IFS: 100007736			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25			
-	-	-	-	MAT DESCRIPTION: SHT STL CQ DP RAW .25			

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NAME & DESCRIPTION:	200051236 Door Component Steel Plate, Bottom, Robot Door	REV:
WEIGHT: 99.800 lbmass	DRAWN BY: K. Aguilar	SHEET: 10 OF 13
CREATED: 9/27/2018	MODIFIED: 8/1/2022	



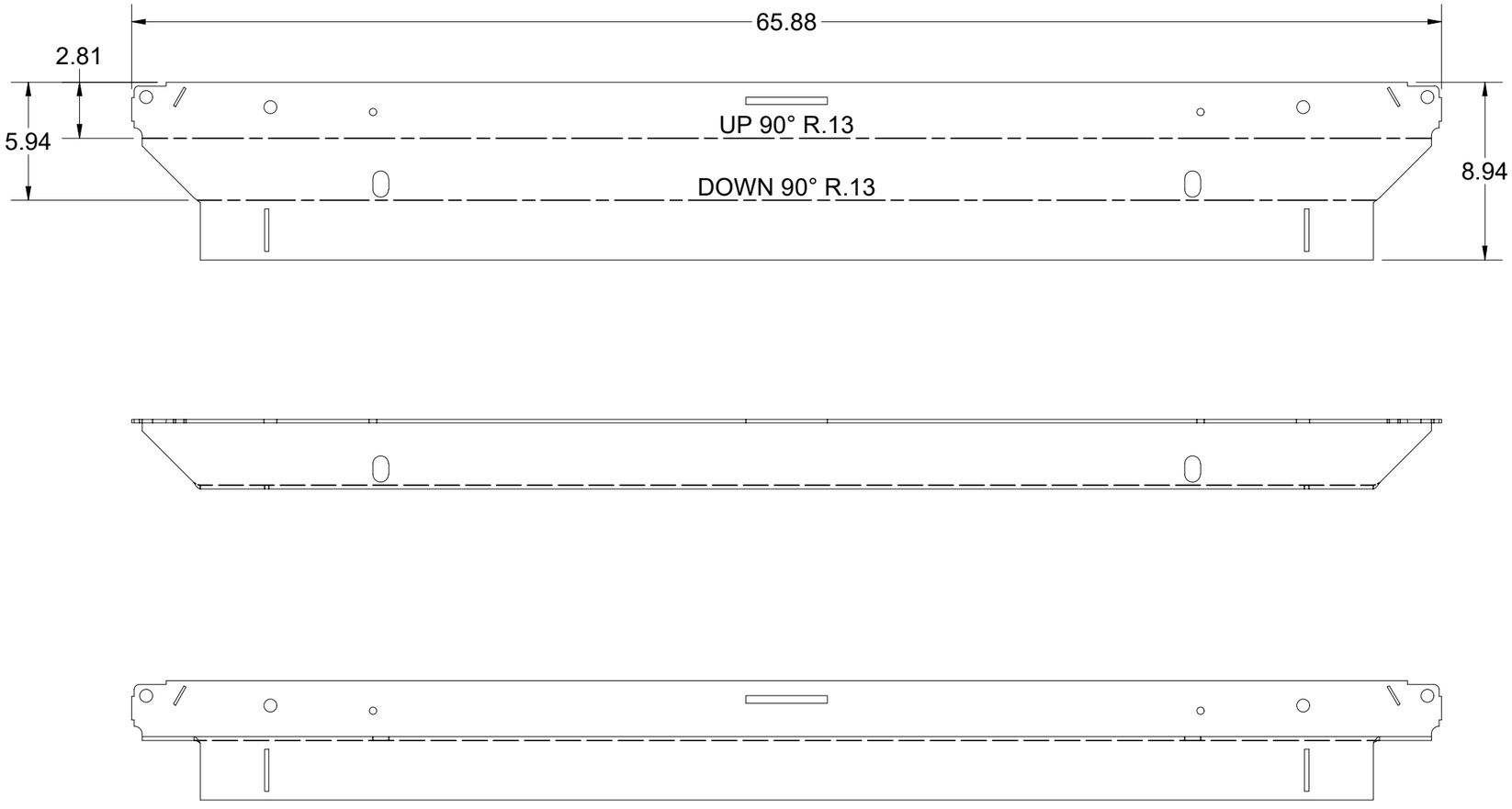
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-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250

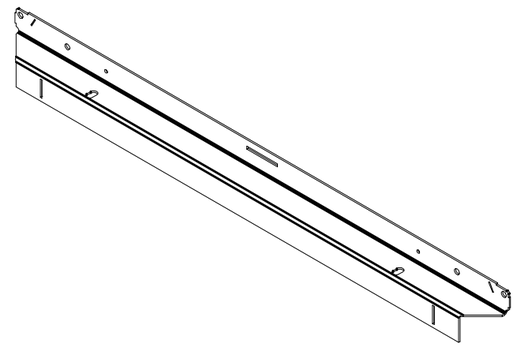
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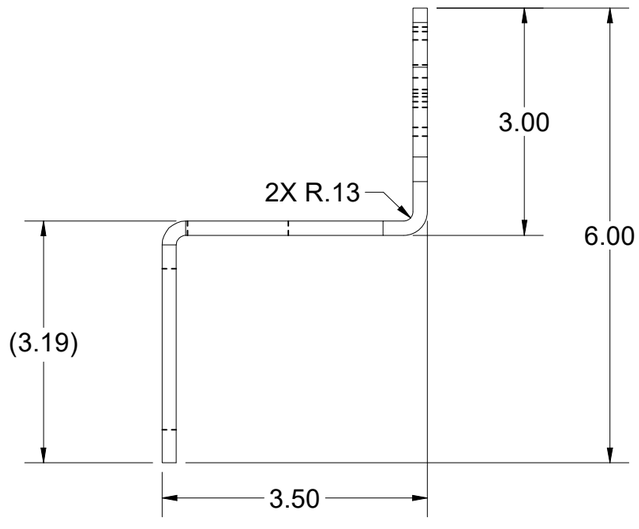
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NAME & DESCRIPTION:		REV:
200051237 Door Component Steel Lap Bar, Robot Door		A-1
WEIGHT: 5.390 lbmass	DRAWN BY: K. Aguilar	SHEET: 11 OF 13
CREATED: 1/4/2019	MODIFIED: 8/1/2022	

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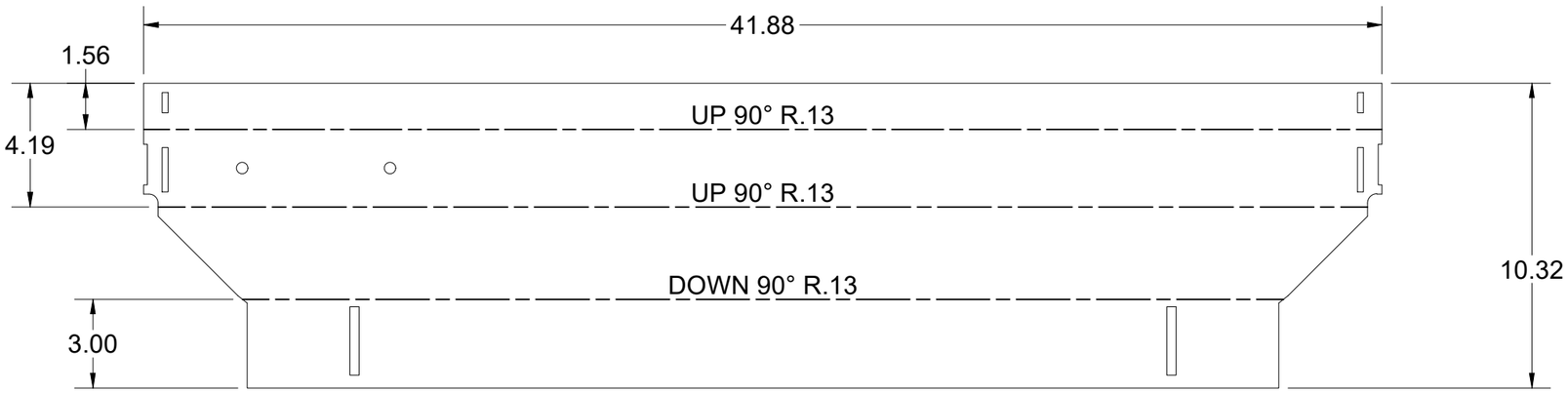
BEND TABLE				MATERIAL IFS: 100007734
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1875
0.125	2"	90	0.3750	MAT DESCRIPTION: STL ASTM A36 SM-HRPO 60X120 RAW .1875

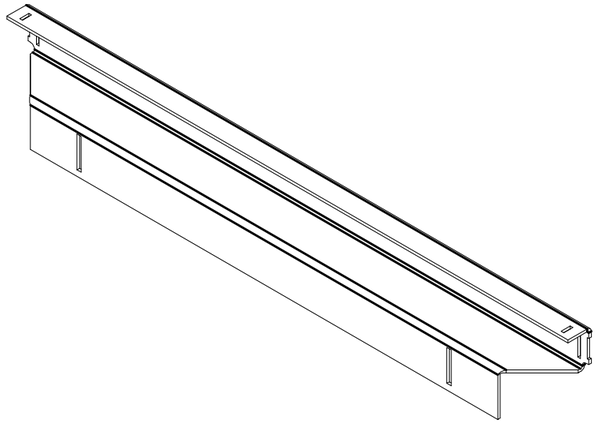
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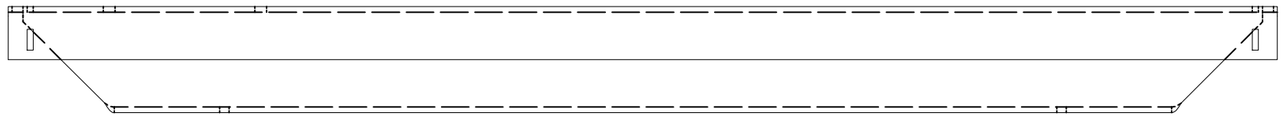
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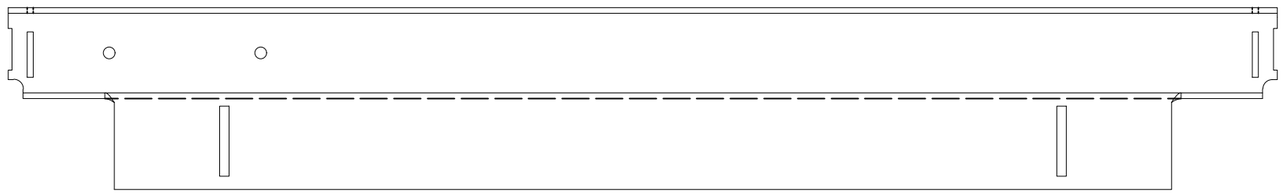
NAME & DESCRIPTION: 200067192 Frame Component Steel Frame Side, Adjustable		REV: A-2
WEIGHT: 29.866 lbmass	DRAWN BY: K. Aguilar	SHEET: 12 OF 13
CREATED: 9/27/2018	MODIFIED: 8/1/2022	

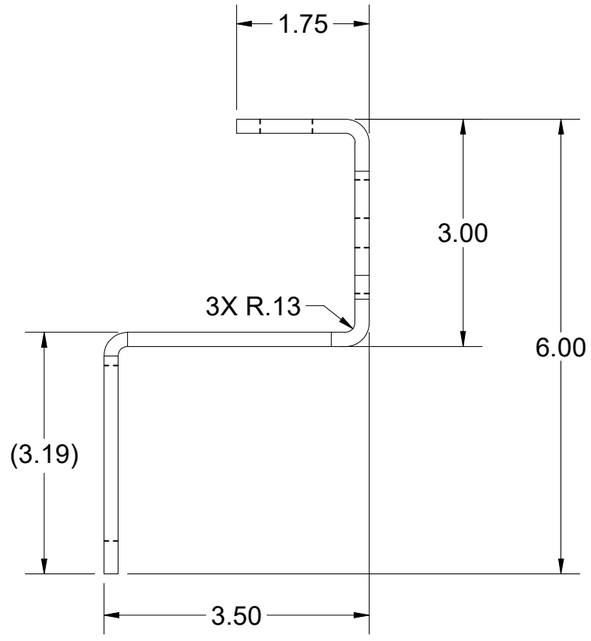
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BEND TABLE				MATERIAL IFS: 100007734
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1875
0.125	2"	90	0.3750	MAT DESCRIPTION: STL ASTM A36 SM-HRPO 60X120 RAW .1875

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NAME & DESCRIPTION:	200067193 Frame Component Steel Frame End, Adjustable		REV: A-2
WEIGHT: 21.684 lbmass		DRAWN BY: K. Aguilar	SHEET: 13 OF 13
CREATED: 9/27/2018		MODIFIED: 8/1/2022	

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