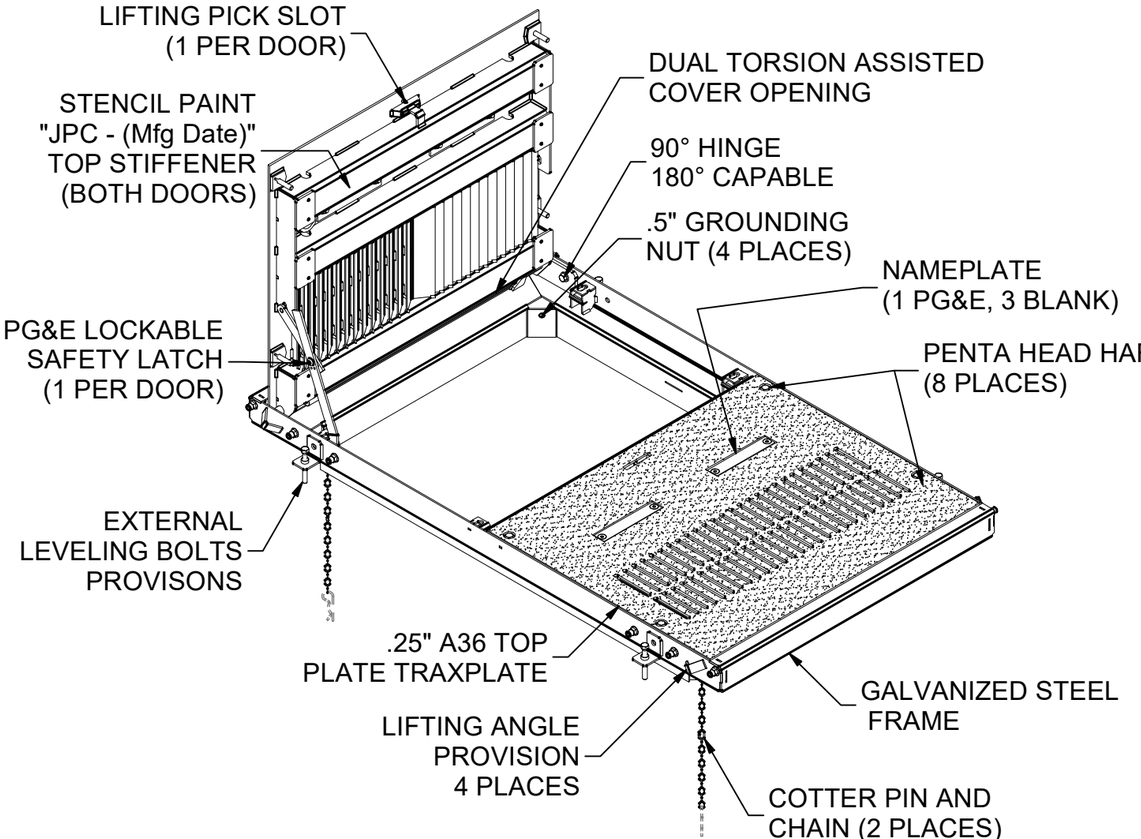
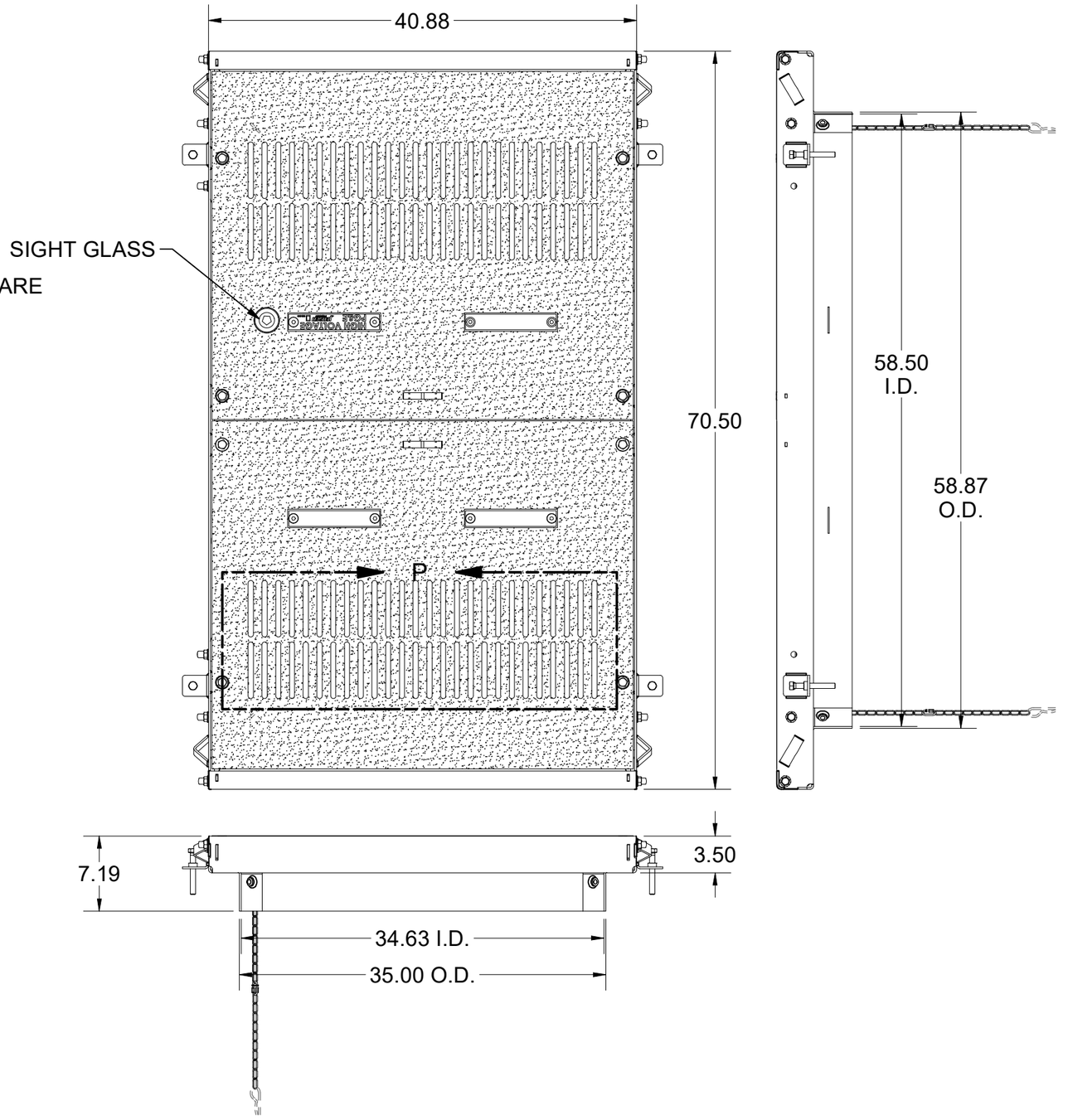


TYPICAL VENT SLOT AREA = 2.17 sq in to 2.59 sq in
MINIMUM TOTAL OPEN AREA PER ASSEMBLY = 225.7 sq in
(AFTER TRAX AND GALV PROCESS)



200069080.idw

LOADING CRITERIA: FVT

SURFACE:	TraxPlate™	FINISH:	Galvanized
WEIGHT:	622.24 lbs	MARKING:	

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DESCRIPTION: CAS2-3660-AH-TRX-G-SG-GR-PG&E-OH08-TRANSFORMER FVT

36x60 Cover Assembly (Loading Criteria Per N/A, , Steel, Hinged, Pickhole, TraxPlate™, Galvanized , Sight Glass, PG&E TRANSFORMER FVT) 08

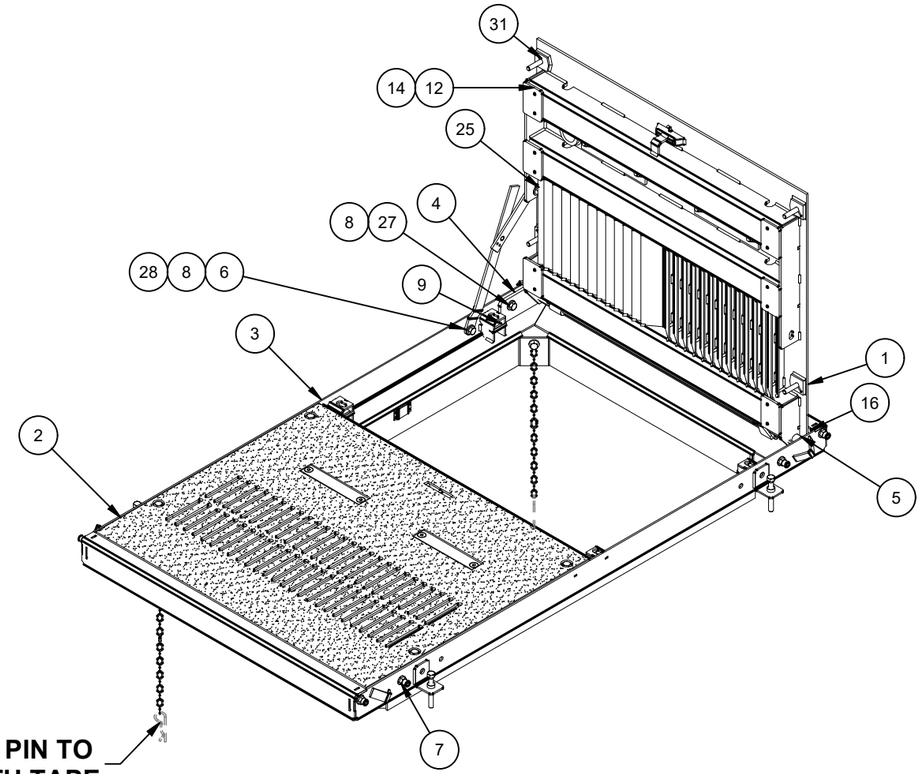
PART NUMBER:	200069080	DRAWN BY:	R. Dohr
CREATED:	10/5/2022	MODIFIED:	2/2/2026

REV: H-1-1

SHEET: 1

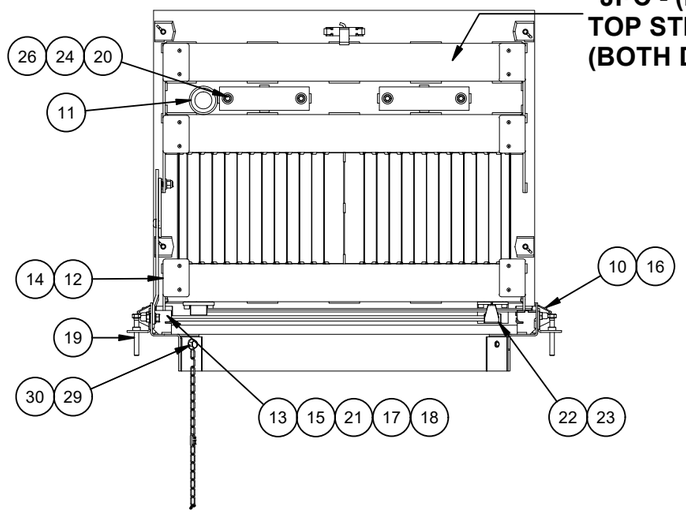
BILL OF MATERIALS

ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	1	1	200069085	DAS2-T-3660-H-TRX-G-SG-PG&E-TRANSFORMER FVT	200069085
2	1	1	200069081	DAS2-B-3660-H-TRX-G-PG&E-TRANSFORMER FVT	200069081
3	1	1	200069087	FAS-3660-AH-G-GR-PG&E-OH07-TRANSFORMER FVT	200069087
4	2	2	200069493	HINGE ASSY PG&E FVT LEFT .5625	200069493
5	2	2	200069489	HINGE ASSY .375 PG&E FVT TRANSFORMER RIGHT	200069489
6	2	2	200068660	PG&E FVT SAFETY LATCH	200068660
7	10	10	100026256	LOW-STRENGTH STEEL FLANGE NUT, 1/2" - 13 THREAD SIZE	100026256
8	15	15	100011418	WASHER FLAT 1/2 NARROW ZINC	100011418
9	8	8	200072509	Square Strut Channel Nut, 1/2"-13 Thread Size	200072509
10	10	10	100007939	CAP VINYL .467 X 1/2	100007939
11	1	1	100007928	SIGHT GLASS	100007928
12	12	12	100007925	PAD INSULATING POLYURETHANE LARGE 4.00 X 2.75	100007925
13	2	2	100007896	TORSION HEX ROD 9/16 X 36 RAW	100007896
14	24	24	100007882	Rivet Blind Grip .1875" Large Domed Head Range-0.376-0.5" Steel	100007882
15	8	8	100007873	BOLT SHCS 3/8-16 X 1-1/4 PLATED	100007873
16	4	4	100007869	BOLT SHCS 1/2-13 X 1-3/4 SS	100007869
17	8	8	100007859	RIVET NUT 3/8-16 FLAT KNURLED	100007859
18	2	2	100007767	WASHER FLAT 1/2 REGULAR 1.25 OD 304SS	100007767
19	4	4	100044236	BOLT HEX 1/2-13 UNC 4 ZINC GR5	100044236
20	8	8	100007733	Bolt Socket Flat Countersunk Head - 1/2-13 UNC - Grade 5 - Zinc - FT - 1"	100007733
21	2	2	100007725	TORSION HEX ROD 3/8 X 36 RAW	100007725
22	2	2	100007682	OFFSET SPRING MOUNT .562	100007682
23	2	2	100007669	SPRING MOUNT ASSY .375	100007669
24	3	3	100007562	NAME PLATE PLEXI PG&E	100007562
25	2	2	100007492	HEX NUT NYLOCK - 1/2-13 UNC - GR5 - ZINC	100007492
26	1	1	100005058	NAME PLATE CAST ALUM PG&E - HIGH VOLTAGE	100005058
27	3	3	100003823	Hex Bolt 1/2-13 UNC ZINC - PT - 1.5"	100003823
28	2	3	100003823	BOLT HEX 1/2-13 UNC 1.5 ZINC	100003823
29	2	2	100003484	Hex Bolt 1/2-13 UNC ZINC - FT - 0.75"	100003484
30	2	2	100041563	16" CHAIN SAFETY W/WASHER	100041563
31	8	8	100007749	BOLT PENTA 1/2-13 UNC 0.875 HEAD 2.25L SS DRILLED	100007749
32	4	4	100005056	LEVELING BOLT 9.5 SHIM PLATE	100005056



SECURE COTTER PIN TO INSIDE OF FRAME WITH TAPE

STENCIL PAINT "JPC - (Mfg Date)" TOP STIFFENER (BOTH DOORS)



INSPECT SLOT DIMENSIONS PRIOR TO GALV, AND AFTER GALV

MINIMUM SLOT WIDTH AFTER TRAX-PLATING, BUT BEFORE GALV = 0.450"

MINIMUM SLOT WIDTH AFTER TRAX-PLATING AND GALV = 0.432"

REVISION HISTORY		
REV	DESCRIPTION	DATE
A-1	1ST ARTICLE PRODUCTION RELEASE	10/17/22
B-1	CHANNELS MOVED TO 5/16 THK AFTER LOAD TESTING	1/11/22
C-1	PG&E INSPECTION OF SLOTS DID NOT PASS, UPDATE SLOTS FOR AIR FLOW VENTING, MATCH PG&E SPEC, CLEANED WELDS	11/29/22
D-1	INCREASED SLOTS SIZE FOR TRAX AND GALV BUILD UP AND MATCHED WELDS CALLOUTS PER MANUFACTURING	3/13/23
E-1	UPDATED NOTES AND WELD CALLOUTS PER PG&E COMMENTS DURING TESTING; CHANGED TO 2.25" COVER BOLTS; ADDED VISUAL WELDS AND MORE WELD INDICATOR NOTCHES FOR MFG PRECISION	5/10/23
F-1	UPDATED LOUVER END WELDS FROM 1" TO 1/2" LG PER PG&E REQUEST	8/17/2023
G-1	ADDED UPDATED SLOT TOLERANCES PER PG&E REQUEST; ADDED STENCIL NOTE AND TAPE NOTE FOR HAIRPIN COTTER	9/11/2023
H-1	ADDED (4) SHIM PLATES, ADDED GALV DRAIN HOLES TO STIFFENER CORNERS, CHANGED LEVELING BOLTS TO BE 4" LONG	1/16/2024
H-1-1	REPLACED J CONE BASE WITH CAM TOWER BASE	2/2/26

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: TraxPlate™

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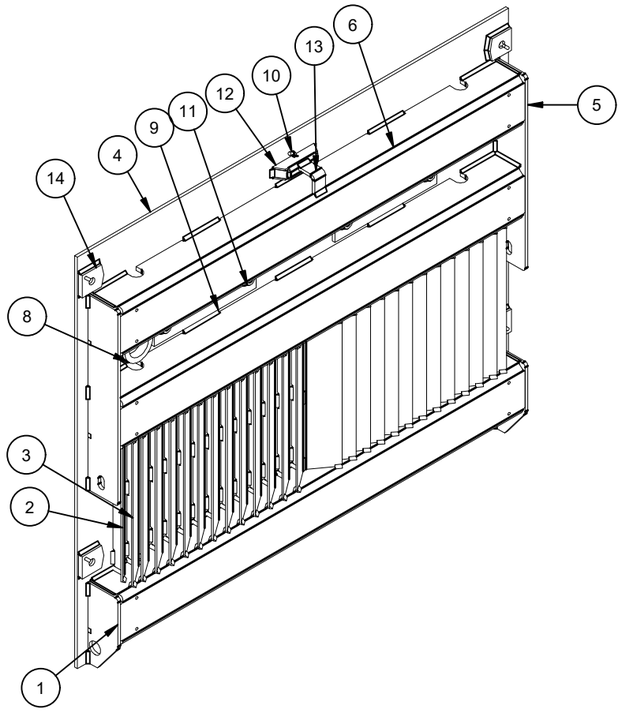
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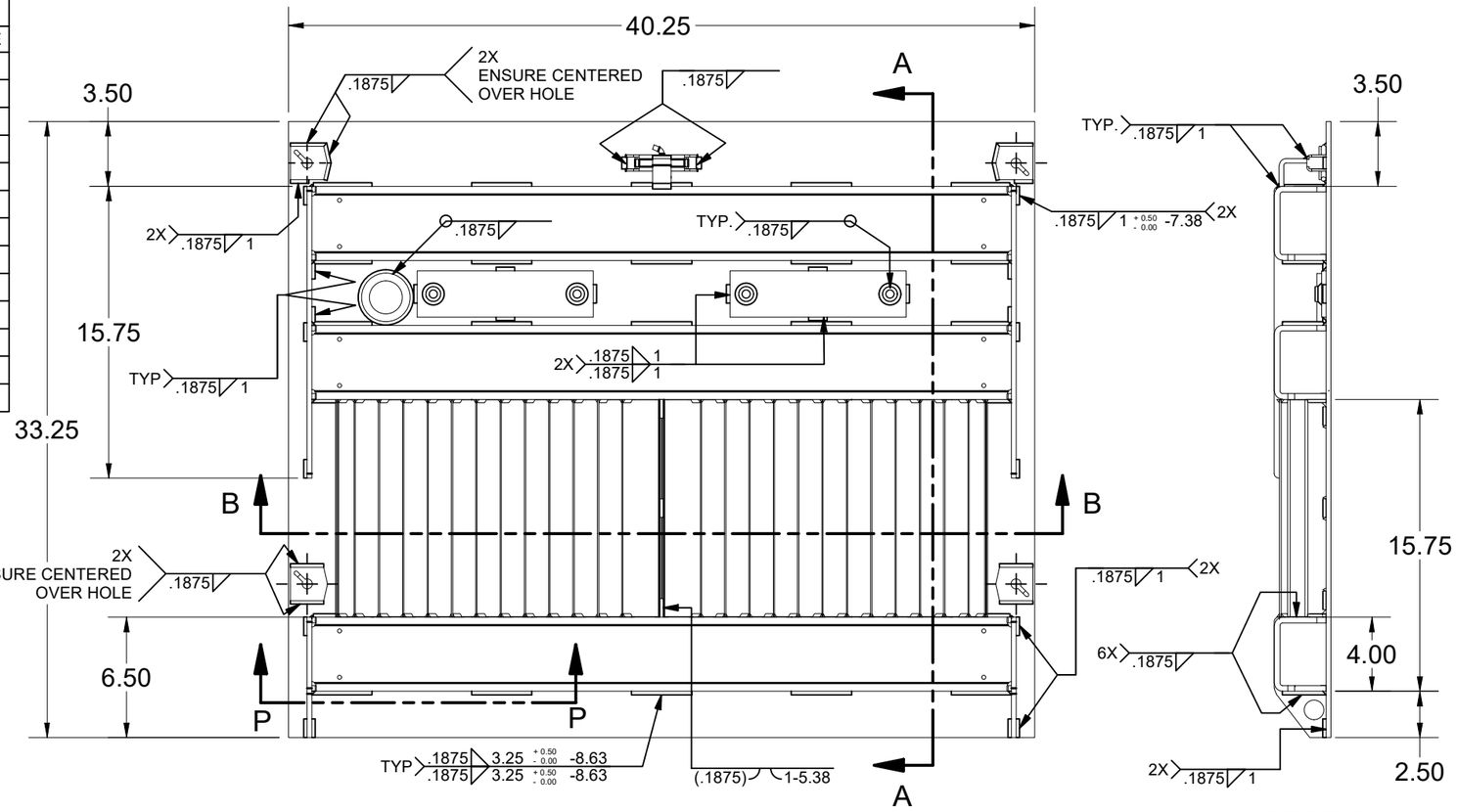
PART NUMBER & DESCRIPTION:	200069080 CAS2-3660-AH-TRX-G-SG-GR-PG&E-OH08-TRANSFORMER FVT		REV: H-1-1
WEIGHT:	622.24 Lbs	DRAWN BY: R. Dohr	SHEET: 2
CREATED:	10/5/2022	MODIFIED: 2/2/2026	

200069080.idw

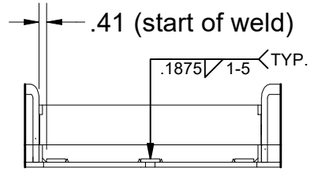
BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	1.052 lbmass	2.104 lbmass	100007735	Door Component Steel Side Bar	200069108
2	0.781 lbmass	1.561 lbmass	100007807	Door Component Steel Stiffener, Plate	200069106
3	1.375 lbmass	35.755 lbmass	100007807	Door Component Steel Stiffener, Bar	200069097
4	82.199 lbmass	82.199 lbmass	100007735	Door Component Steel Plate, Bottom Nameplate	200069086
5	3.075 lbmass	6.150 lbmass	100007735	Door Component Steel Side Bar	200069084
6	28.898 lbmass	86.693 lbmass	100007838	Door Component Steel Channel	200069082
8	1	1	100041280	SIGHT GLASS BUSHING STL	100041280
9	1.638 lbmass	3.276 lbmass	100007735	PG&E NAME PLATE BACKING PLATE	100021175
10	1	1	100007916	CLIP PICK HOLE 304SS	100007916
11	1	4	100007860	NUT SELF-CLINCH 1/2-13 CLS-0813-1 SS	100007860
12	1	1	100007697	LIFT COVER STL	100007697
13	1	1	100007647	LIFTING BRACKET STEEL LEAF	100007647
14	1	4	100007675	CAM BASE	100007675

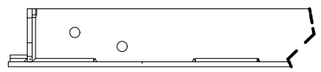




SECTION A-A

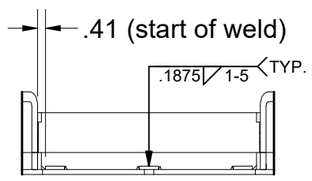


SECTION D-D
SCALE 1/8

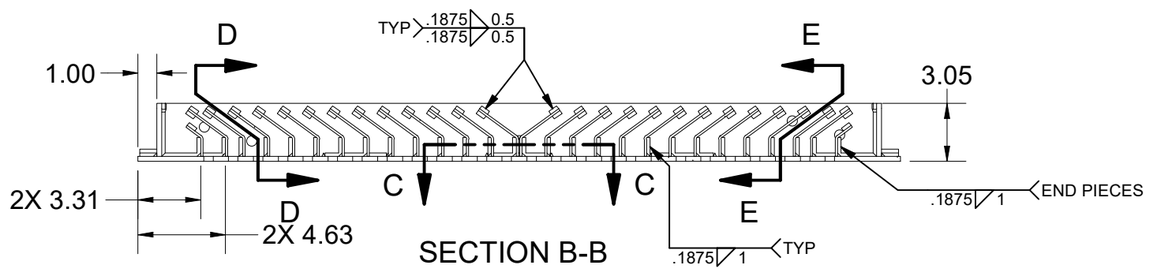


SECTION P-P
SCALE 1/8

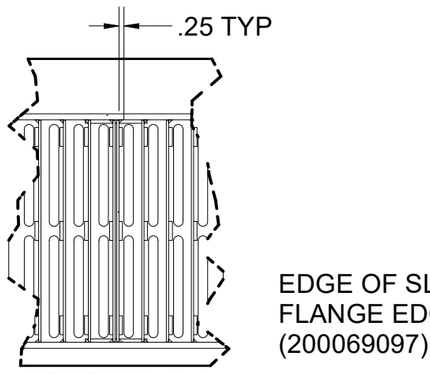
USE NOTCHES FOR HOLDING WELDING PATTERN



SECTION E-E
SCALE 1/8



SECTION B-B
SCALE 1/8



SECTION C-C
SCALE 1/8

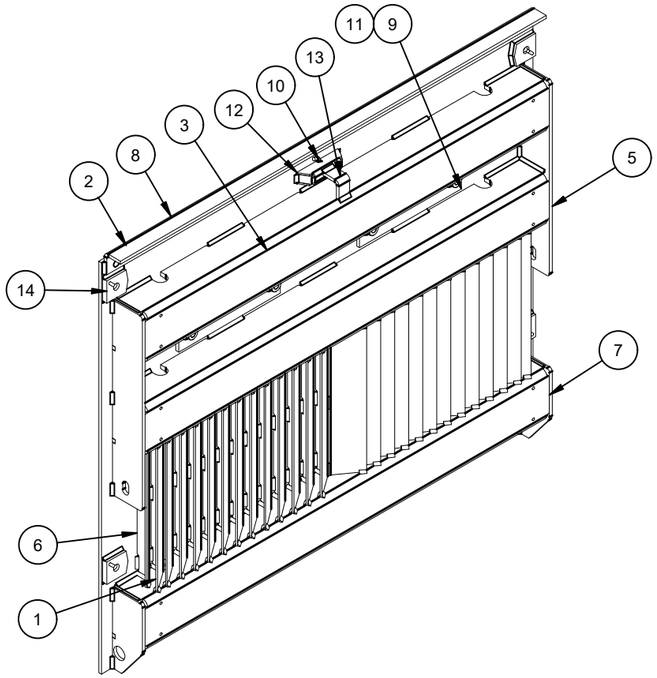
EDGE OF SLOT TO FLANGE EDGE. (200069097)

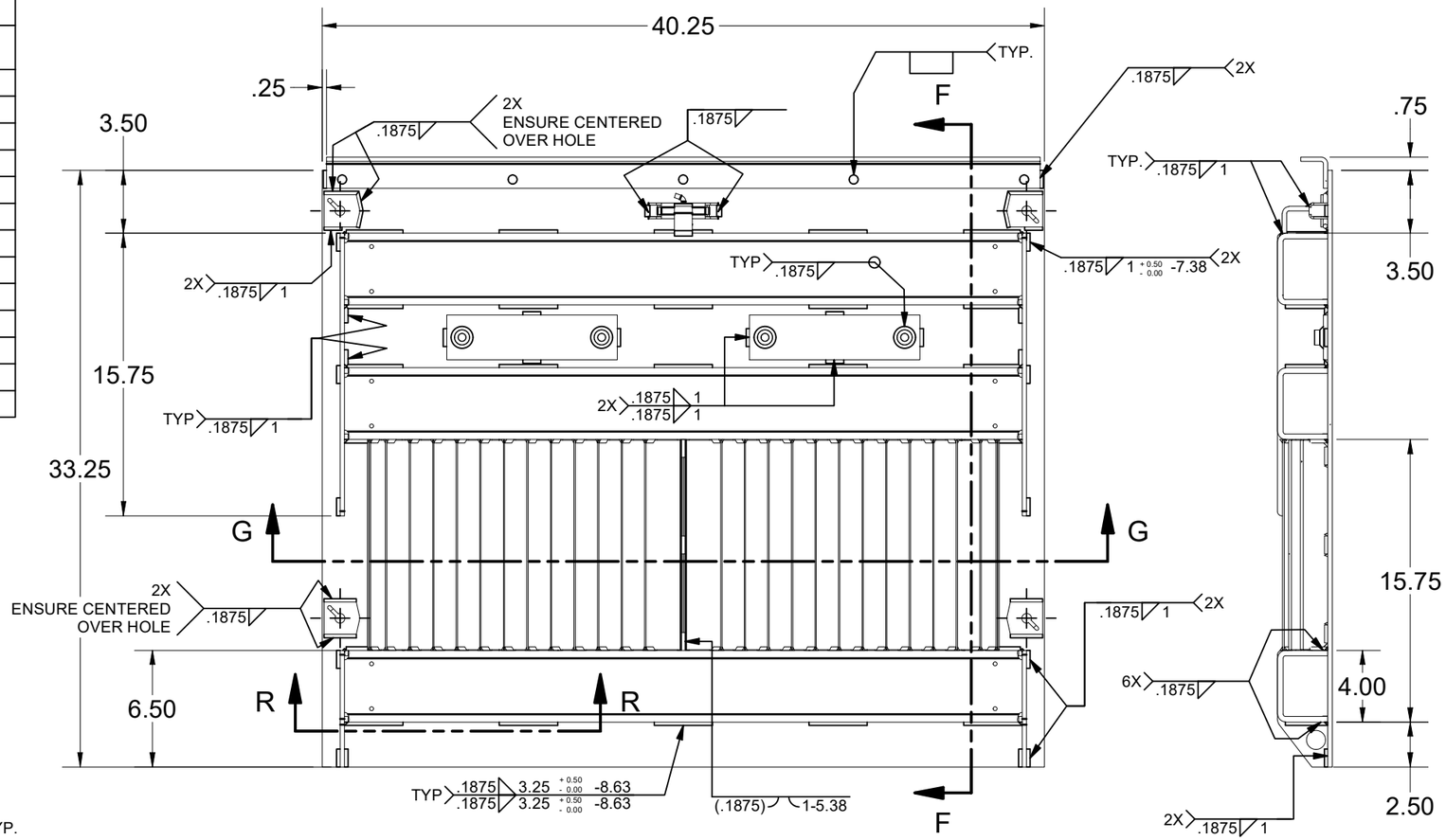
MATERIAL FINISH: Galvanized	Infrastructure JENSEN 527 Dunn Circle, Sparks, NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2026 Jensen Infrastructure - All rights reserved. All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected 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: 200069085 DAS2-T-3660-H-TRX-G-SG-PG&E-TRANSFORMER FVT — REV: H-1-1
MATERIAL SURFACE: TraxPlate™			WEIGHT: 221.93 Lbs — DRAWN BY: R. Dohr — SHEET: 3
			CREATED: 10/5/2022 — MODIFIED: 2/2/2026

200069080.idw

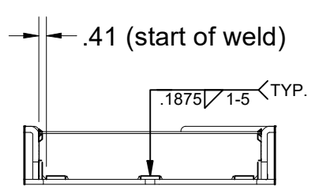
BILL OF MATERIALS

ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	26	35.755 lbmass	100007807	Door Component Steel Stiffener, Bar	200069097
2	1	82.532 lbmass	100007735	Door Component Steel Plate, Top Nameplate	200069083
3	3	86.693 lbmass	100007838	Door Component Steel Channel	200069082
5	2	6.150 lbmass	100007735	Door Component Steel Side Bar	200069084
6	2	1.561 lbmass	100007807	Door Component Steel Stiffener, Plate	200069106
7	2	2.104 lbmass	100007735	Door Component Steel Side Bar	200069108
8	1	8.094 lbmass	100007735	Door Component Steel Lap Bar	200069884
9	2	3.276 lbmass	100007735	PG&E NAME PLATE BACKING PLATE	100021175
10	1	1	100007916	CLIP PICK HOLE 304SS	100007916
11	4	4	100007864	NUT 1/2-13 WELDABLE ALUM	100007864
12	1	1	100007697	LIFT COVER STL	100007697
13	1	1	100007647	LIFTING BRACKET STEEL LEAF	100007647
14	4	4	100007675	CAM BASE	100007675

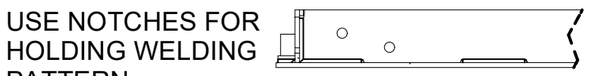




SECTION F-F

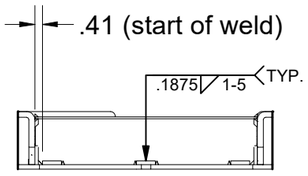


SECTION J-J

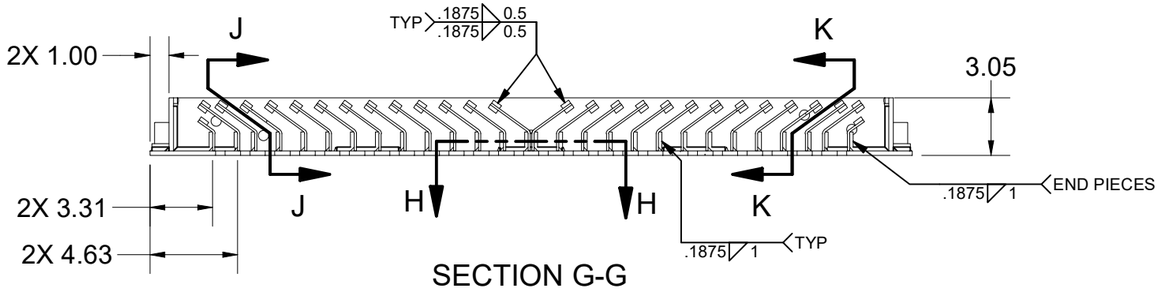


USE NOTCHES FOR HOLDING WELDING PATTERN

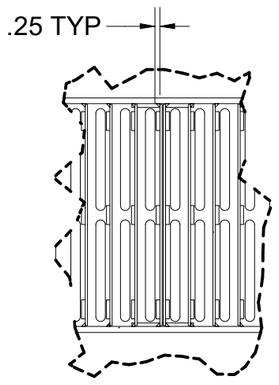
SECTION R-R



SECTION K-K



SECTION G-G



DETAIL H

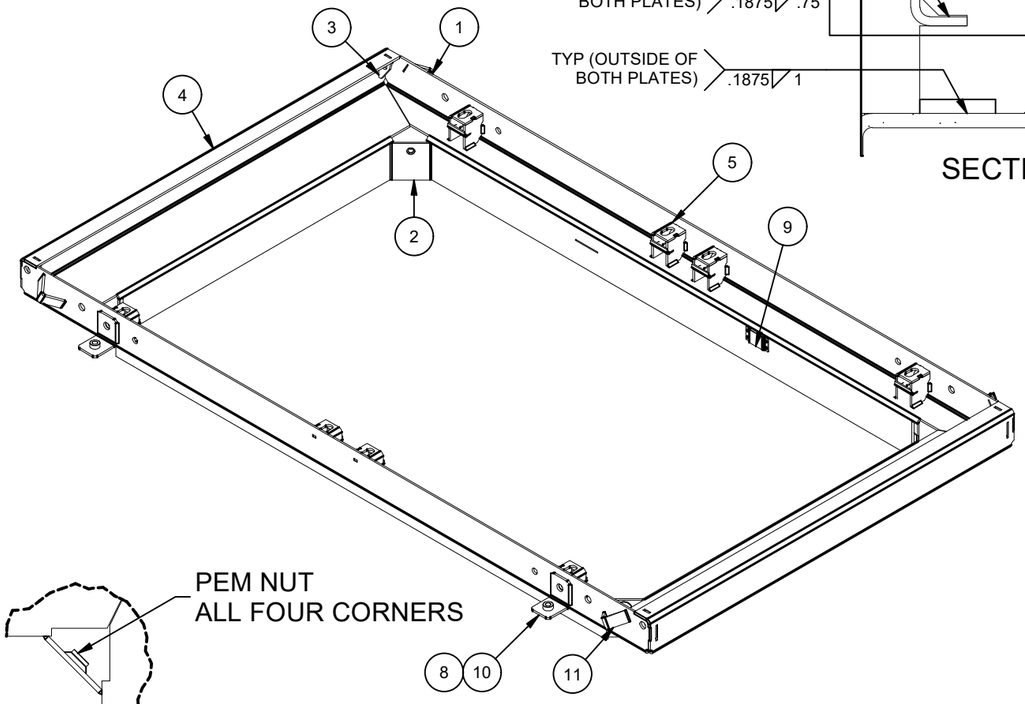
EDGE OF SLOT TO FLANGE EDGE. (200069097)

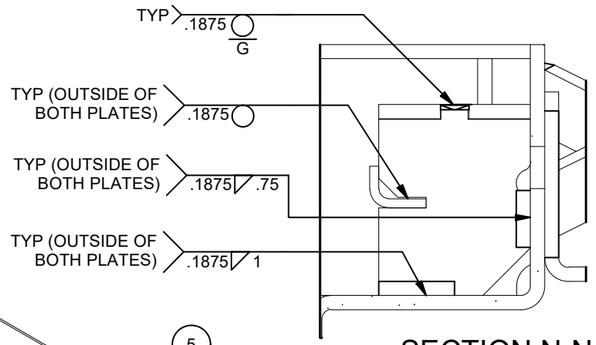
MATERIAL FINISH: Galvanized	Infrastructure JENSEN 527 Dunn Circle, Sparks, NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2026 Jensen Infrastructure - All rights reserved. All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected 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: 200069081 DAS2-B-3660-H-TRX-G-PG&E-TRANSFORMER FVT REV: H-1-1
MATERIAL SURFACE: TraxPlate™			WEIGHT: 229.83 Lbs DRAWN BY: R. Dohr SHEET: 4 CREATED: 10/5/2022 MODIFIED: 2/2/2026

200069080.idw

BILL OF MATERIALS

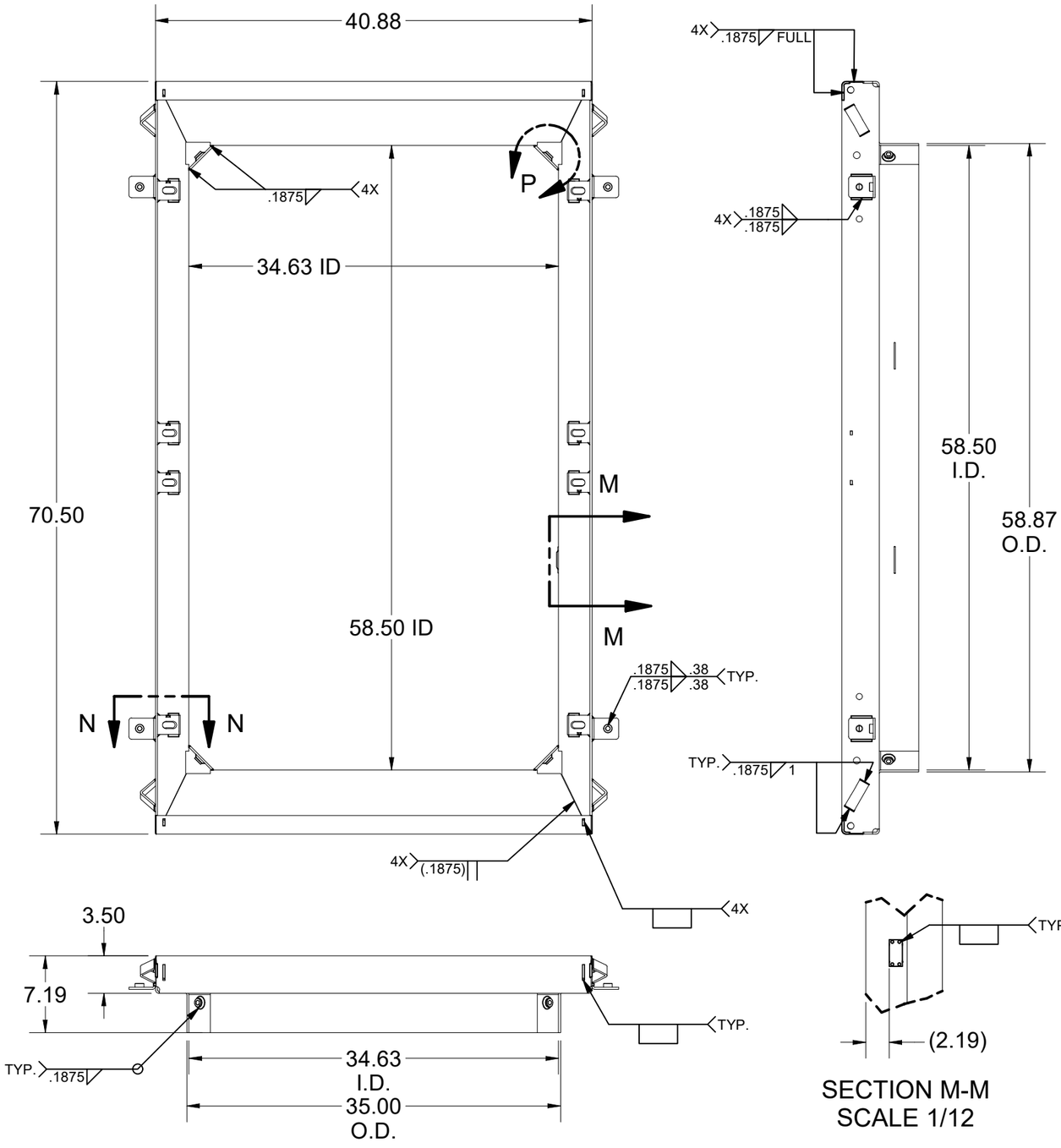
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	32.935 lbmass	65.869 lbmass	100007734	Frame Component Steel Frame Side, Adjustable	200069090
2	0.550 lbmass	2.200 lbmass	100007734	Frame Component Steel	200069088
3	1	4	200018691	FRAME BOLT DOUBLER SLOT	200018691
4	27.875 lbmass	55.750 lbmass	100007734	Frame Component Steel Frame End, Adjustable	200069089
5	0.367 lbmass	2.938 lbmass	100007734	SQUARE NUT BRACKET-CUSTOM PG&E FVT	200069093
6	0.230 lbmass	1.839 lbmass	100007734	STANDOFF SIDEWALL	200069095
7	1	8	200069094	STANDOFF BOLTING PLATFORM	200069094
8	1	8	100007860	NUT SELF-CLINCH 1/2-13 CLS-0813-1 SS	100007860
9	1	1	100007700	SIGHT GLASS LIGHT CLIP	100007700
10	1	4	100007695	FRAME LEVELING ANGLE	100007695
11	1	4	100007641	FRAME LIFTING BRACKET	100007641





SECTION N-N

DETAIL P



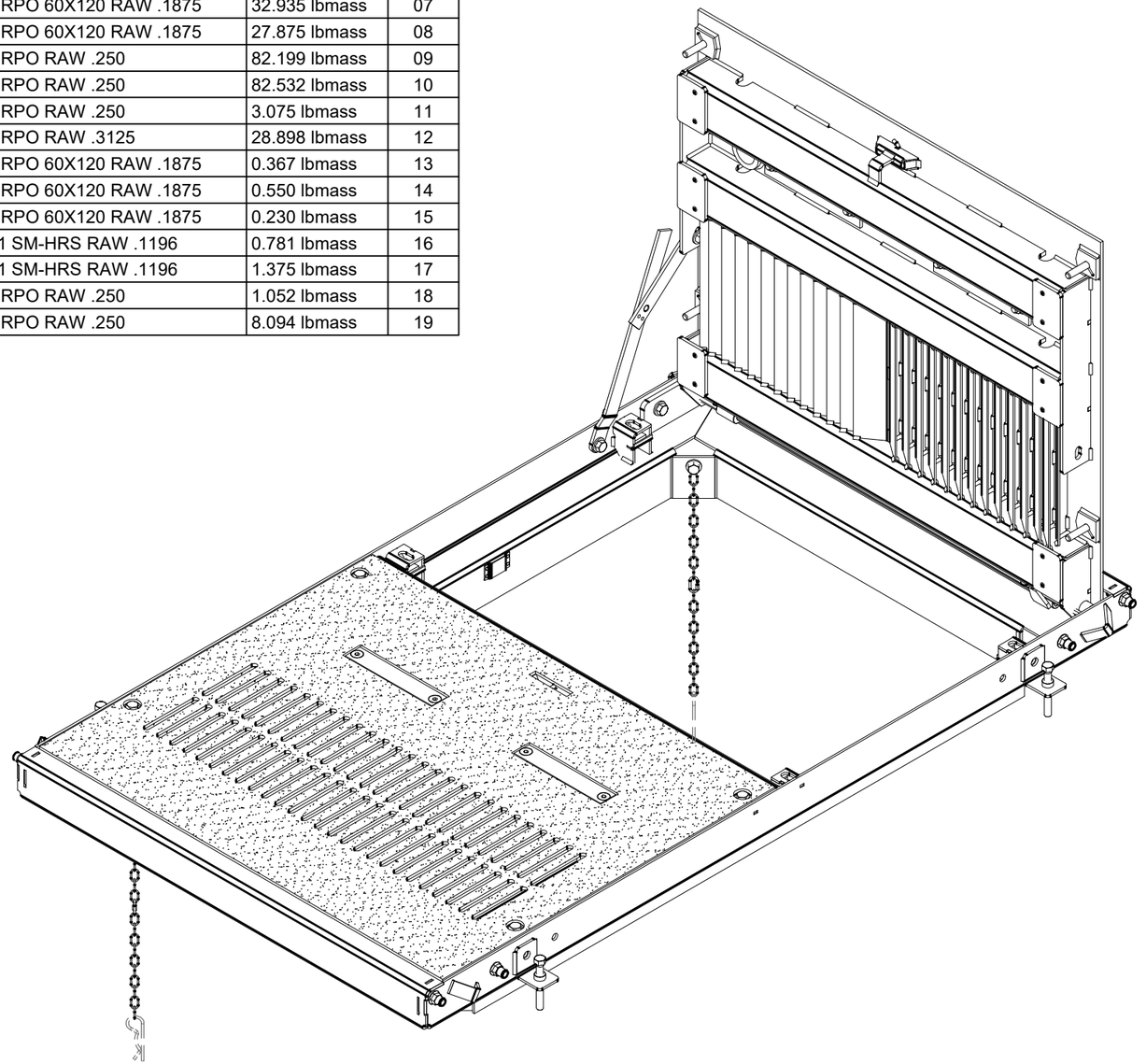
SECTION M-M
SCALE 1/12

200069080.idw

MATERIAL FINISH: Galvanized	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: 200069087 FAS-3660-AH-G-GR-PG&E-OH07-TRANSFORMER FVT — REV: H-1-1
MATERIAL SURFACE: Smooth			WEIGHT: 133.15 Lbs — DRAWN BY: R. Dohr — SHEET: 5
			CREATED: 10/5/2022 — MODIFIED: 2/2/2026

BURN LIST - BOM

PART NAME	ITEM QTY	QTY	DESCRIPTION	STOCK NUMBER	MATERIAL	MASS	SHEET
200069090	2	65.869 lbmass	Frame Component Steel Frame Side, Adjustable	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	32.935 lbmass	07
200069089	2	55.750 lbmass	Frame Component Steel Frame End, Adjustable	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	27.875 lbmass	08
200069086	1	82.199 lbmass	Door Component Steel Plate, Bottom Nameplate	100007735	STL ASTM A36 SM-HRPO RAW .250	82.199 lbmass	09
200069083	1	82.532 lbmass	Door Component Steel Plate, Top Nameplate	100007735	STL ASTM A36 SM-HRPO RAW .250	82.532 lbmass	10
200069084	4	12.300 lbmass	Door Component Steel Side Bar	100007735	STL ASTM A36 SM-HRPO RAW .250	3.075 lbmass	11
200069082	6	173.385 lbmass	Door Component Steel Channel	100007838	STL ASTM A36 SM-HRPO RAW .3125	28.898 lbmass	12
200069093	8	2.938 lbmass	SQUARE NUT BRACKET-CUSTOM PG&E FVT	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	0.367 lbmass	13
200069088	4	2.200 lbmass	Frame Component Steel	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	0.550 lbmass	14
200069095	8	1.839 lbmass	STANDOFF SIDEWALL	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	0.230 lbmass	15
200069106	4	3.122 lbmass	Door Component Steel Stiffener, Plate	100007807	STL ASTM A36 GA-11 SM-HRS RAW .1196	0.781 lbmass	16
200069097	52	71.510 lbmass	Door Component Steel Stiffener, Bar	100007807	STL ASTM A36 GA-11 SM-HRS RAW .1196	1.375 lbmass	17
200069108	4	4.207 lbmass	Door Component Steel Side Bar	100007735	STL ASTM A36 SM-HRPO RAW .250	1.052 lbmass	18
200069884	1	8.094 lbmass	Door Component Steel Lap Bar	100007735	STL ASTM A36 SM-HRPO RAW .250	8.094 lbmass	19



200069080.idw

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: TraxPlate™

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PART NUMBER & DESCRIPTION: 200069080
CAS2-3660-AH-TRX-G-SG-GR-PG&E-OH08-TRANSFORMER FVT

REV: H-1-1

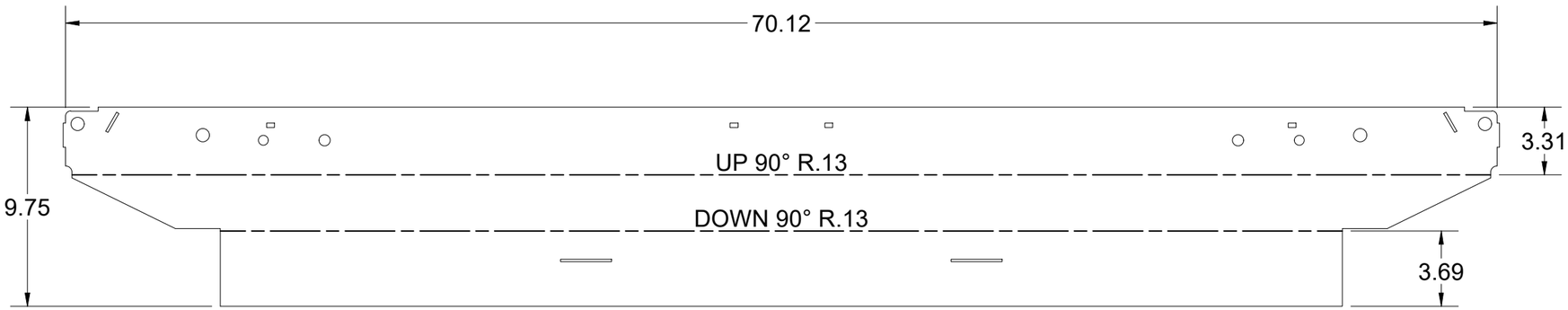
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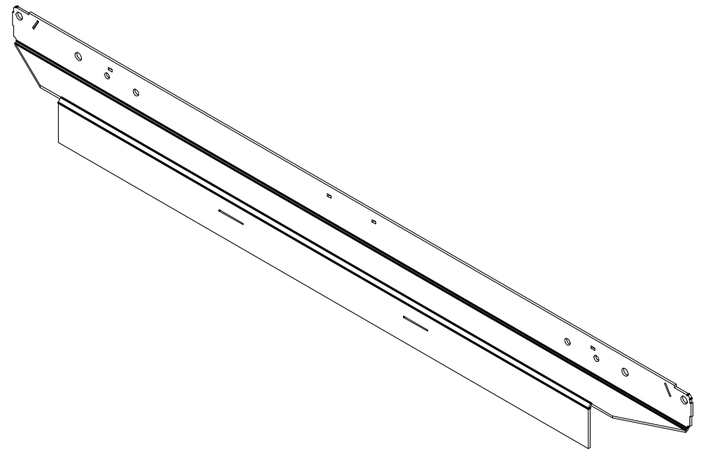
DRAWN BY: R. Dohr

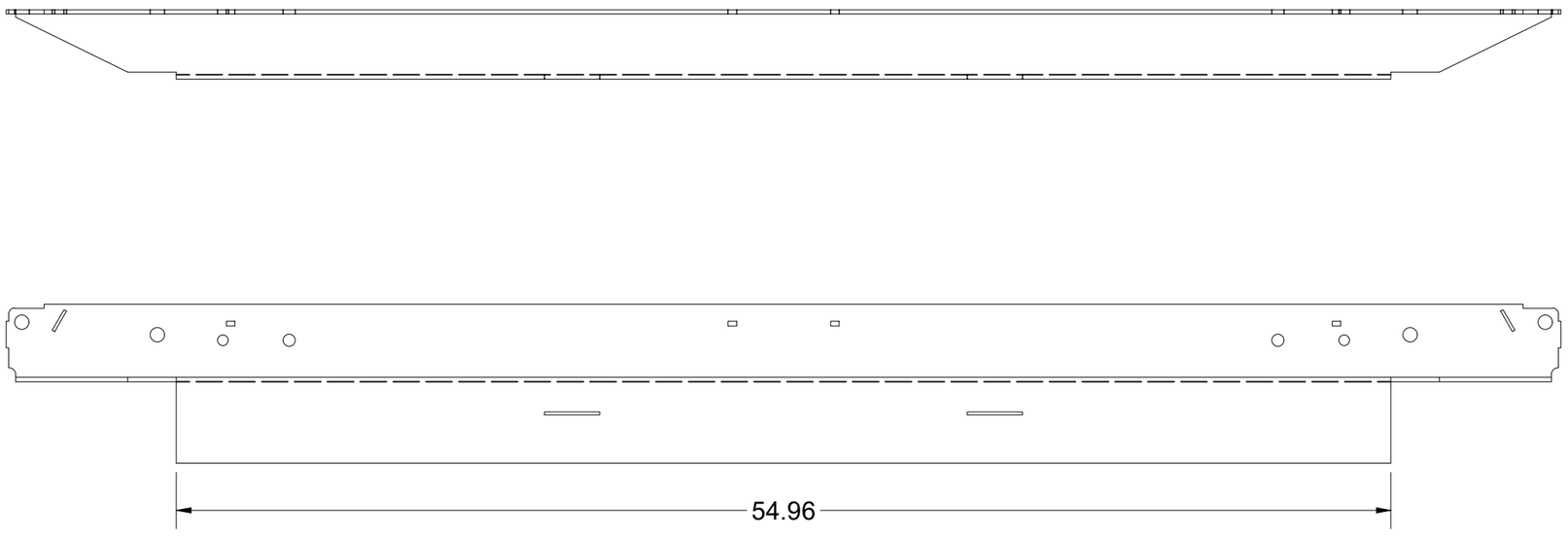
CREATED: 10/5/2022

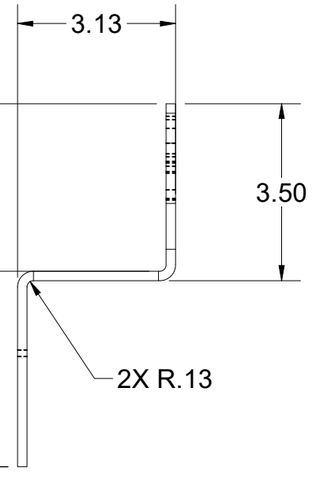
MODIFIED: 2/2/2026

SHEET: 6









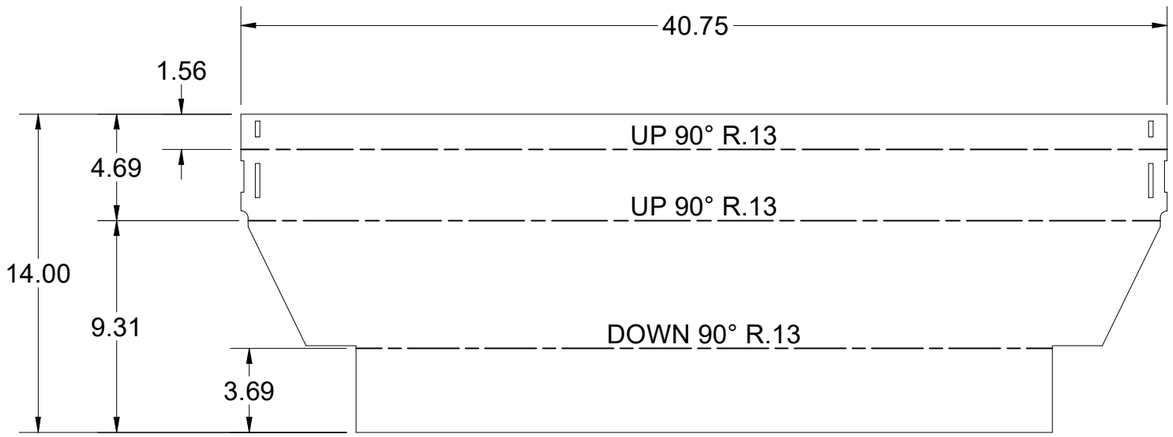
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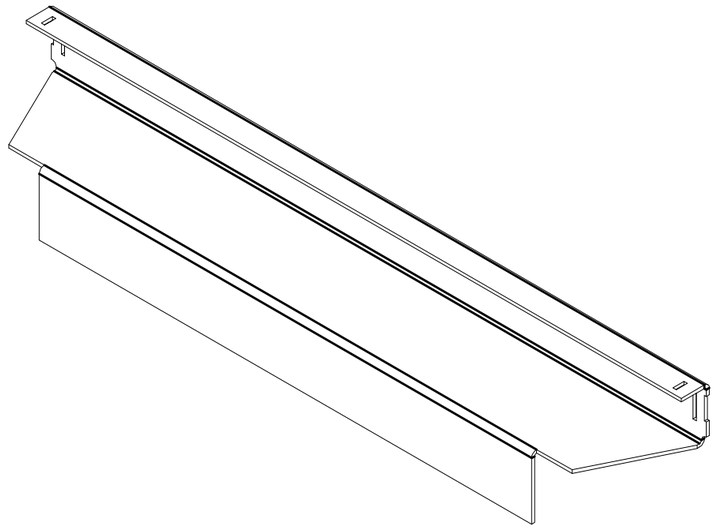
BEND TABLE				MATERIAL IFS: 100007734
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1875
0.125	2	90	0.3750	MAT DESCRIPTION: STL ASTM A36 SM-HRPO 60X120 RAW .1875

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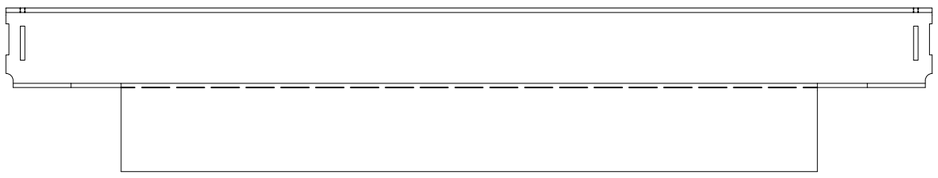
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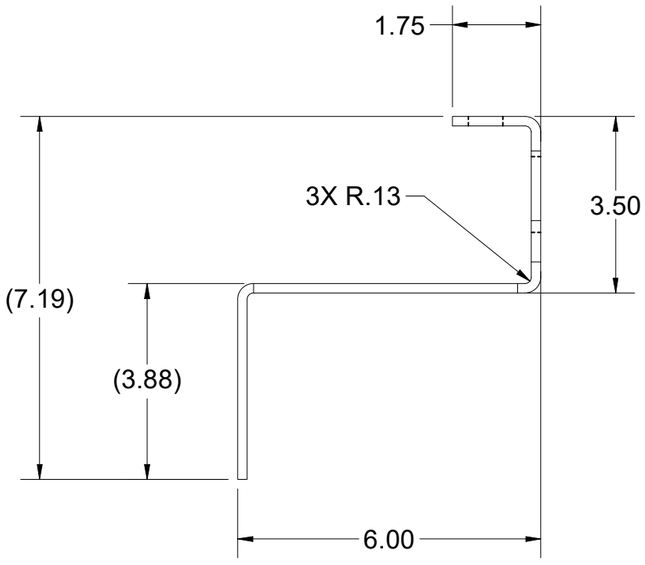
NAME & DESCRIPTION: 200069090 Frame Component Steel Frame Side, Adjustable		REV: H-1-1
WEIGHT: 32.935 lbmass	DRAWN BY: R. Dohr	SHEET: 7 OF 19
CREATED: 10/5/2022	MODIFIED: 2/2/2026	











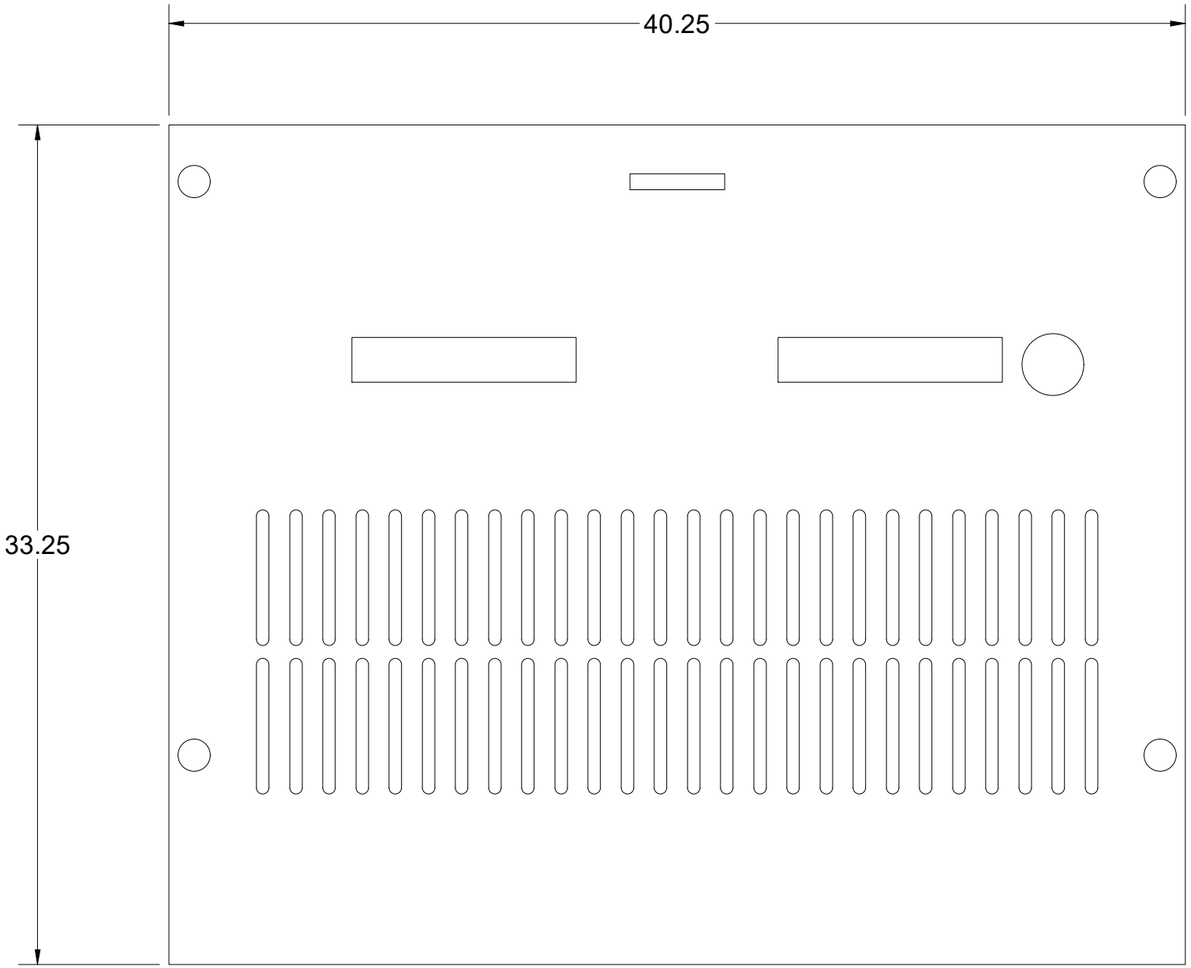
200069080.idw

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: 200069089 Frame Component Steel Frame End, Adjustable		REV: H-1-1
WEIGHT: 27.875 lbmass	DRAWN BY: R. Dohr	SHEET: 8 OF 19
CREATED: 10/5/2022	MODIFIED: 2/2/2026	



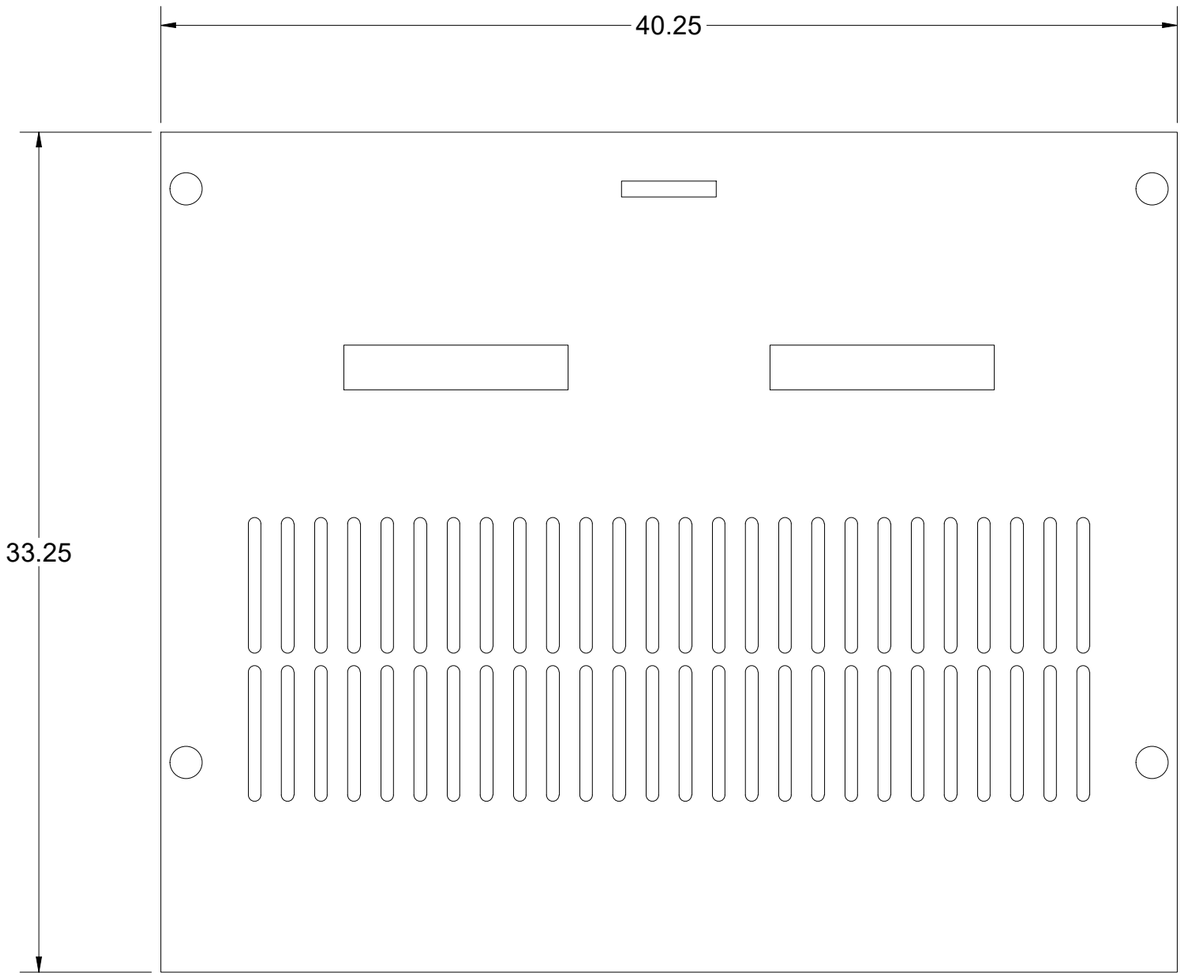
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BEND TABLE				MATERIAL IFS: 100007735
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25
-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250

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NAME & DESCRIPTION: 200069086 — Door Component Steel Plate, Bottom Nameplate		REV: H-1-1
WEIGHT: 82.199 lbmass	DRAWN BY: R. Dohr	SHEET: 9 OF 19
CREATED: 10/5/2022	MODIFIED: 2/2/2026	



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

MATERIAL IFS: 100007735

MATERIAL THK: 0.25

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

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NAME & DESCRIPTION: 200069083
Door Component Steel Plate, Top Nameplate

REV: H-1-1

WEIGHT: 82.532 lbmass

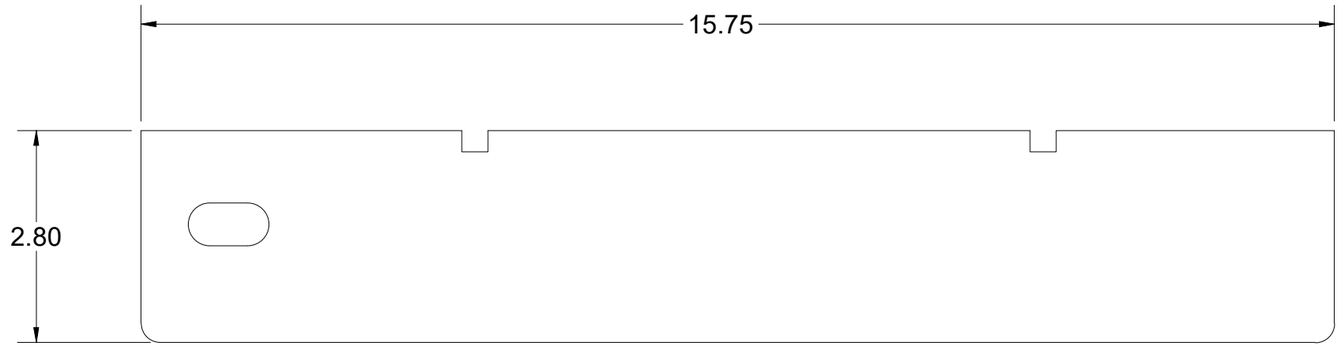
DRAWN BY: R. Dohr

CREATED: 10/5/2022

MODIFIED: 2/2/2026

SHEET: 10 OF 19

200069080.idw



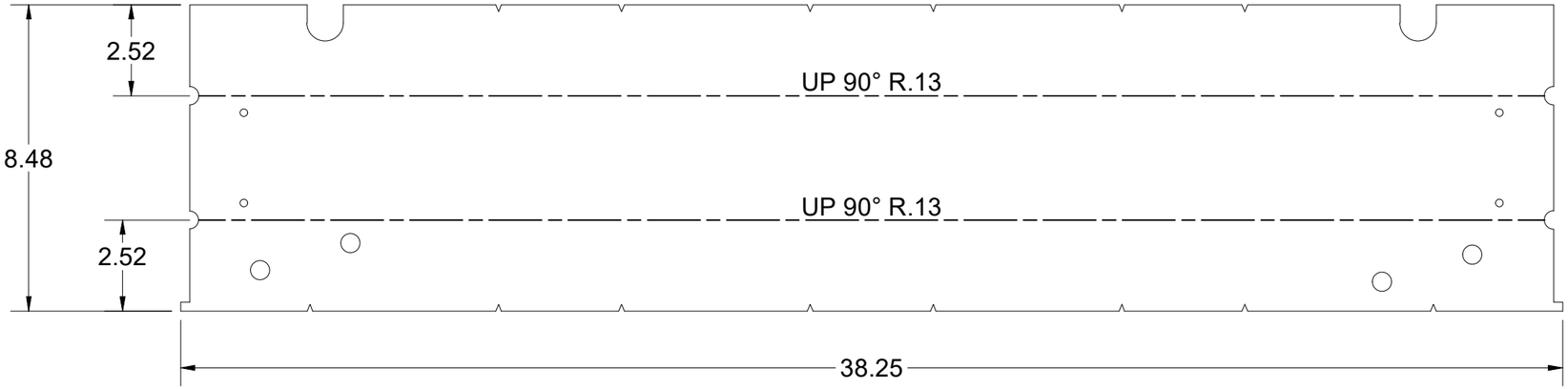
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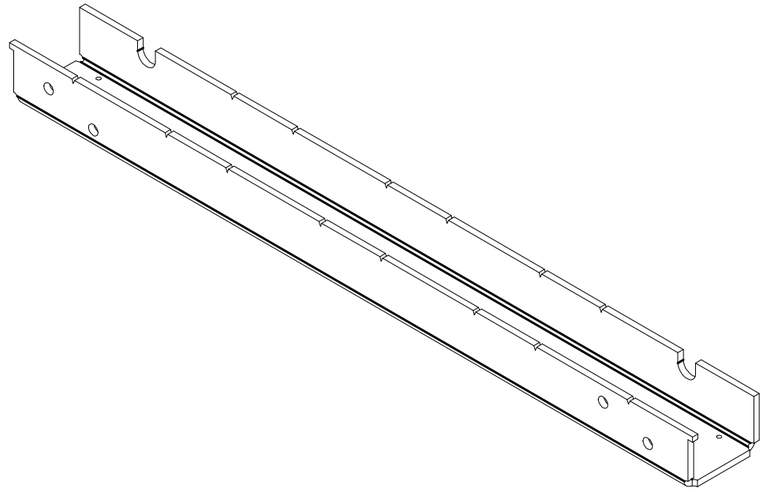
BEND TABLE				MATERIAL IFS: 100007735			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25			
-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250			

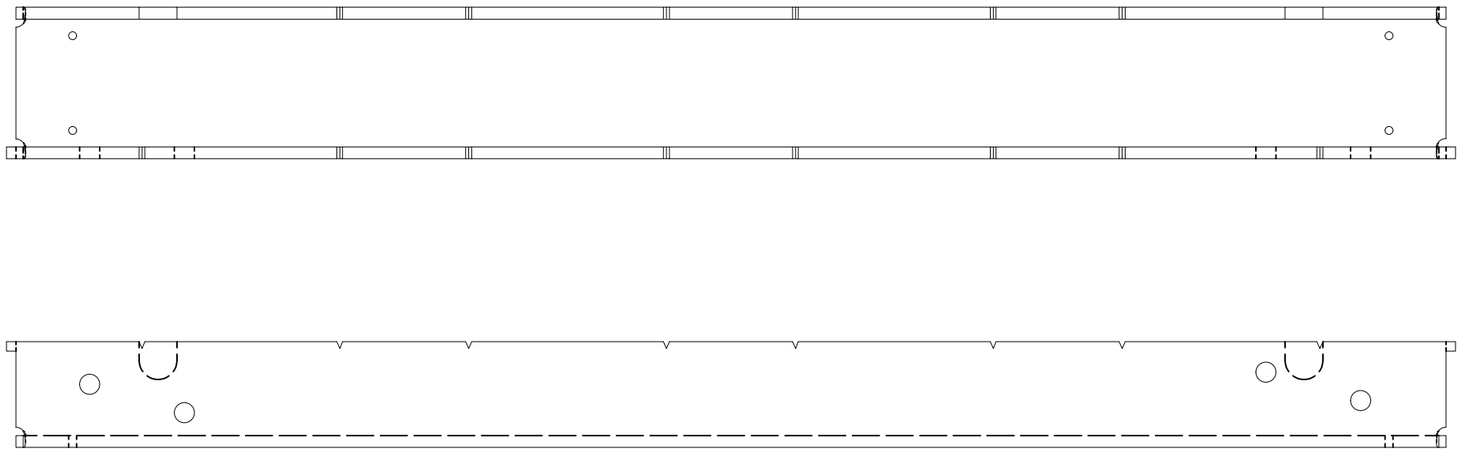
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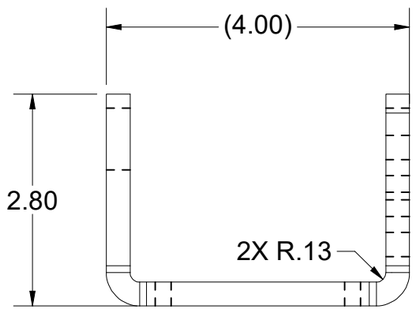
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NAME & DESCRIPTION:			REV:
200069084 Door Component Steel Side Bar			H-1-1
WEIGHT: 3.075 lbmass	DRAWN BY: R. Dohr		SHEET: 11 OF 19
CREATED: 10/5/2022	MODIFIED: 2/2/2026		









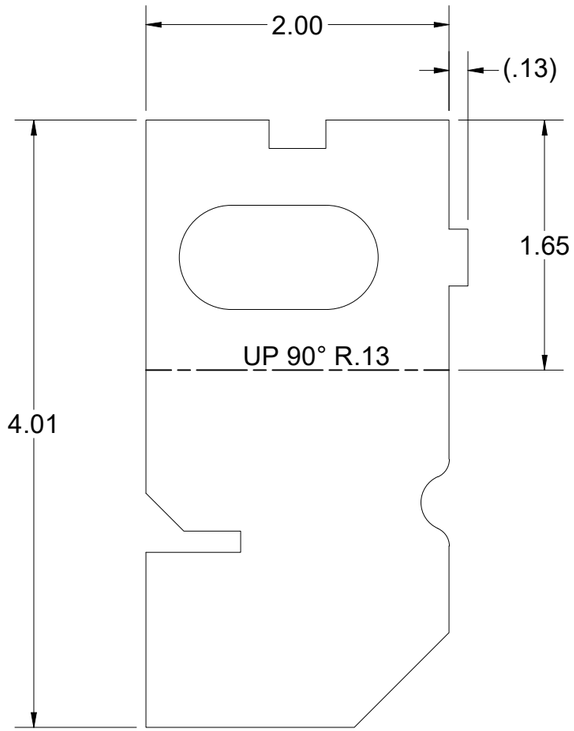
BEND TABLE				MATERIAL IFS: 100007838
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.3125
0.125	2.5	90	0.5580	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .3125

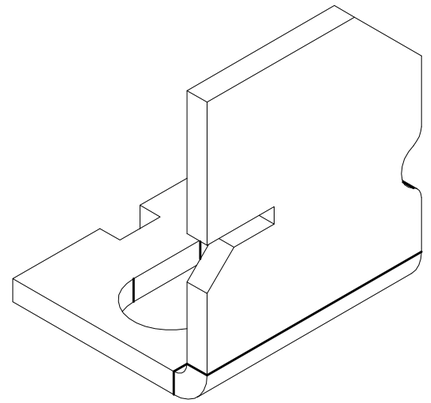
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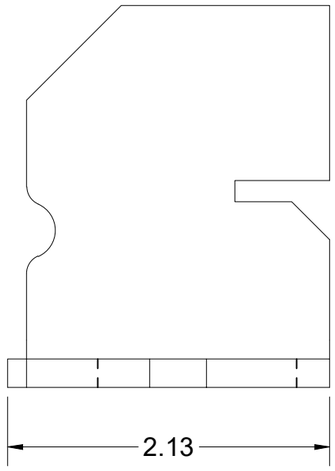
NAME & DESCRIPTION: 200069082 Door Component Steel Channel		REV: H-1-1
WEIGHT: 28.898 lbmass	DRAWN BY: R. Dohr	SHEET: 12 OF 19
CREATED: 10/5/2022	MODIFIED: 2/2/2026	

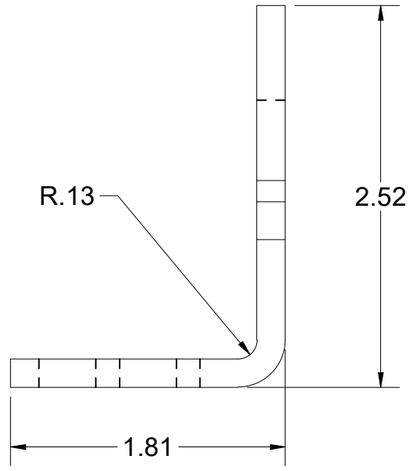
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200069080.idw





BEND TABLE			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION
0.125	1	90	0.3250

MATERIAL IFS: 100007734

MATERIAL THK: 0.1875

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

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NAME & DESCRIPTION: 200069093
SQUARE NUT BRACKET-CUSTOM PG&E FVT

REV: H-1-1

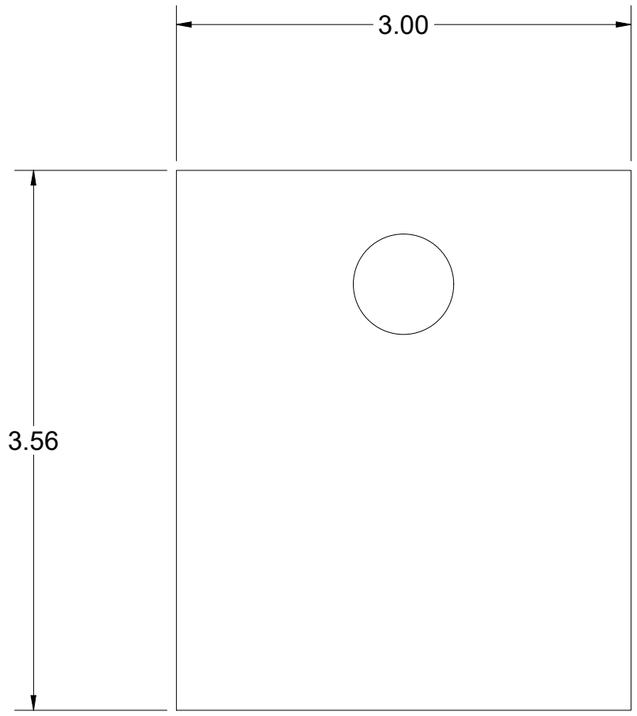
WEIGHT: 0.367 lbmass

DRAWN BY: R. Dohr

CREATED: 10/5/2022

MODIFIED: 2/2/2026

SHEET: 13 OF 19



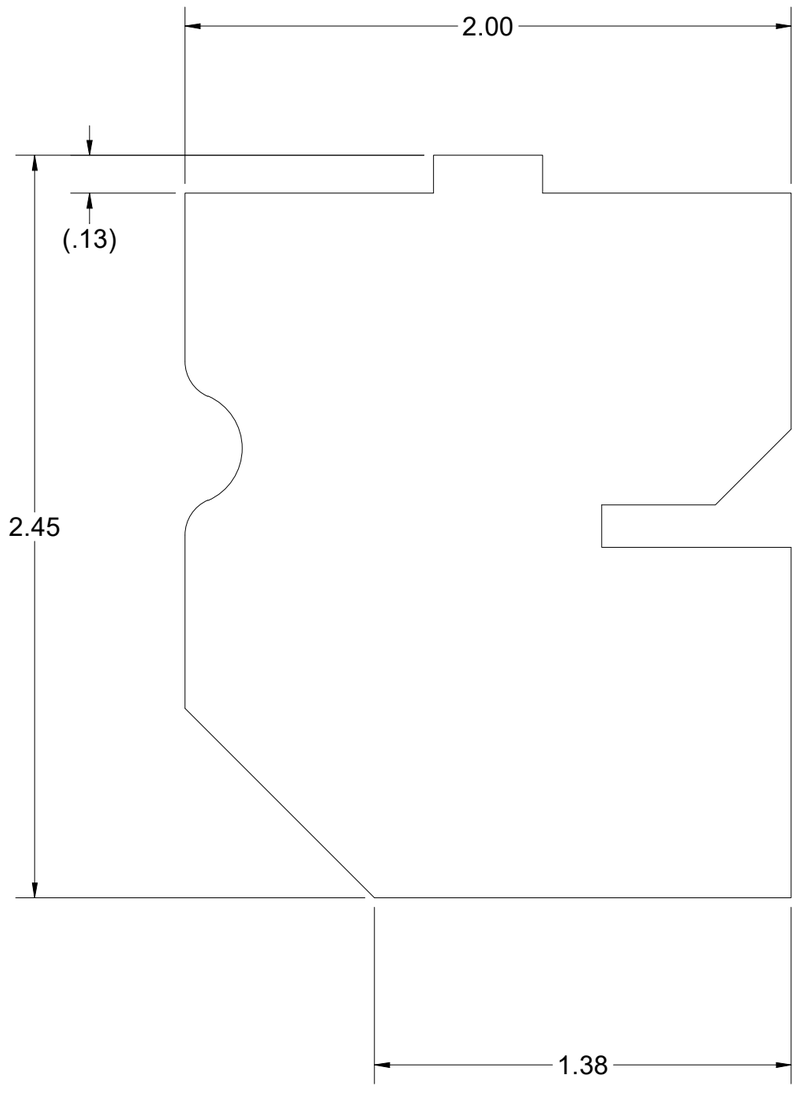
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BEND TABLE				MATERIAL IFS: 100007734
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1875
-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO 60X120 RAW .1875

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NAME & DESCRIPTION:	200069088 Frame Component Steel		REV:
WEIGHT: 0.550 lbmass		DRAWN BY: R. Dohr	SHEET: 14 OF 19
CREATED: 10/5/2022		MODIFIED: 2/2/2026	



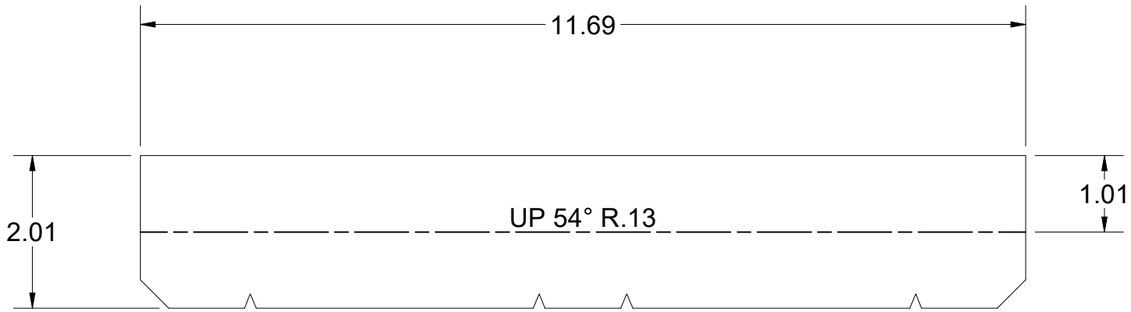
BEND TABLE				MATERIAL IFS: 100007734
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1875
-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO 60X120 RAW .1875

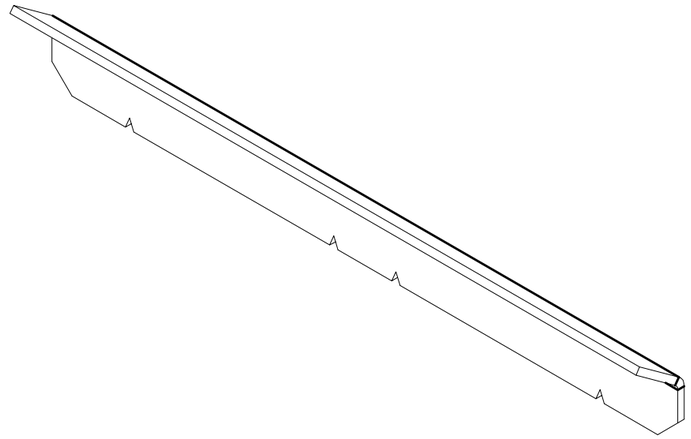
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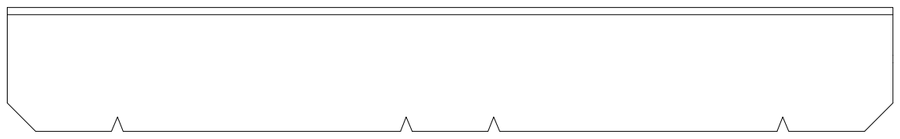
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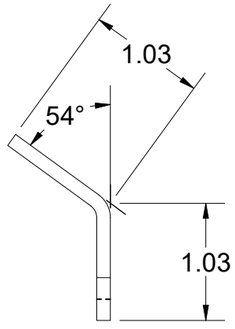
NAME & DESCRIPTION:	200069095 STANDOFF SIDEWALL	REV:
WEIGHT: 0.230 lbmass	DRAWN BY: R. Dohr	SHEET: 15 OF 19
CREATED: 10/5/2022	MODIFIED: 2/2/2026	

200069080.idw









BEND TABLE			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION
0.125	1	54	0.050

MATERIAL IFS: 100007807

MATERIAL THK: 0.1196

MAT DESCRIPTION: STL ASTM A36 GA-11 SM-HRS RAW .1196

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NAME & DESCRIPTION: 200069106
Door Component Steel Stiffener, Plate

REV: H-1-1

WEIGHT: 0.781 lbmass

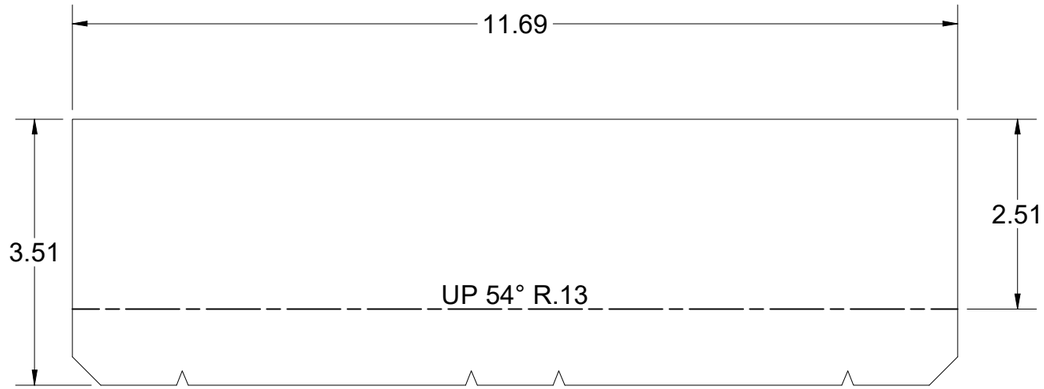
DRAWN BY: R. Dohr

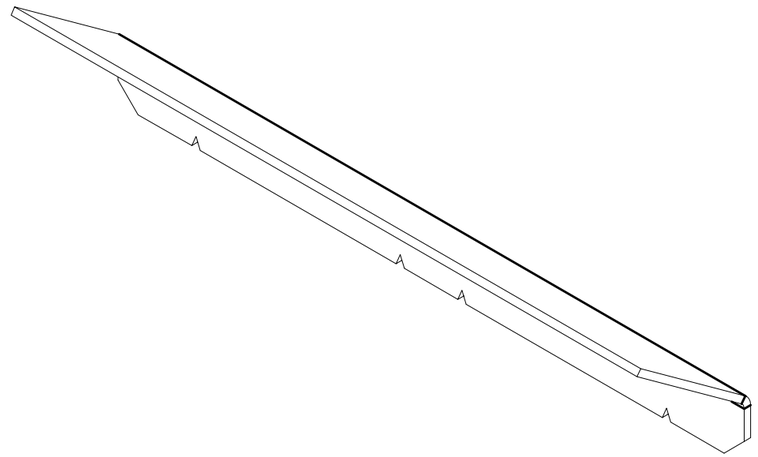
CREATED: 10/5/2022

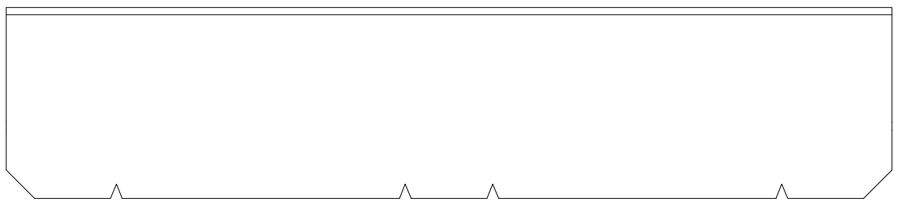
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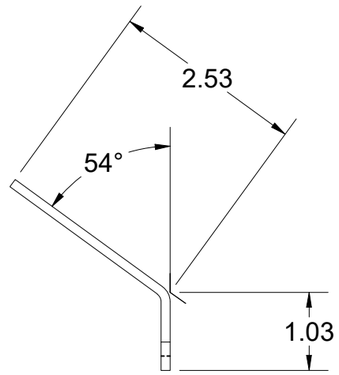
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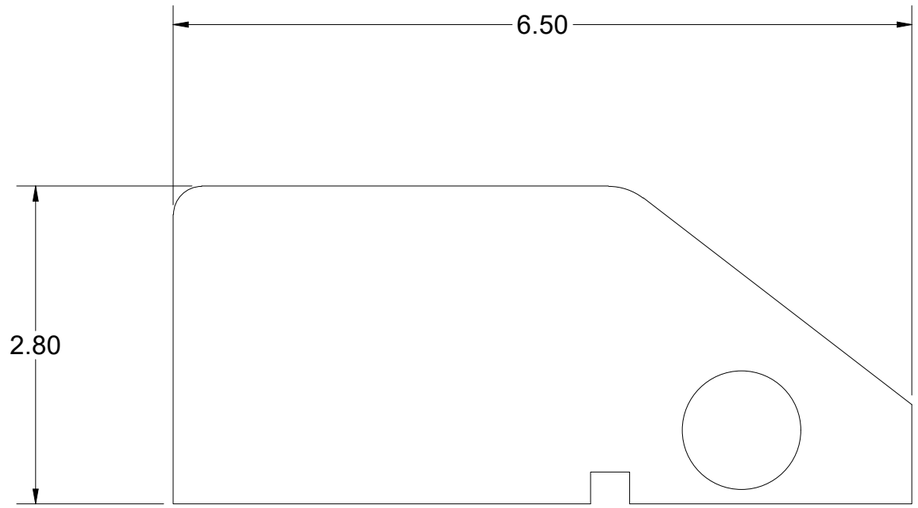
BEND TABLE				MATERIAL IFS: 100007807
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1196
0.125	1	54	0.050	MAT DESCRIPTION: STL ASTM A36 GA-11 SM-HRS RAW .1196

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NAME & DESCRIPTION: 200069097 Door Component Steel Stiffener, Bar		REV: H-1-1
WEIGHT: 1.375 lbmass	DRAWN BY: R. Dohr	SHEET: 17 OF 19
CREATED: 10/5/2022	MODIFIED: 2/2/2026	

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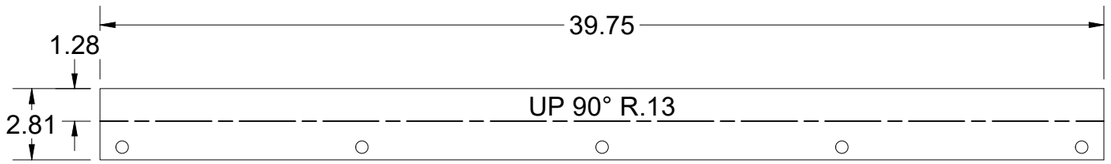
BEND TABLE				MATERIAL IFS: 100007735
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25
-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .250

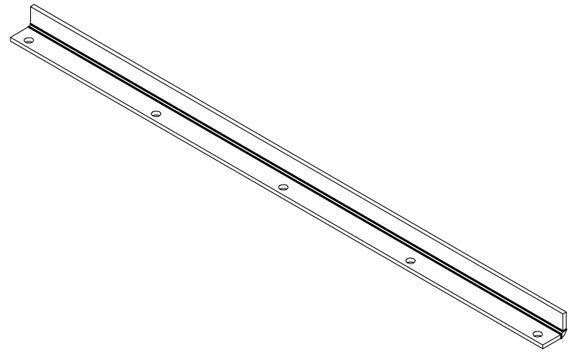
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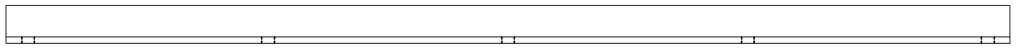
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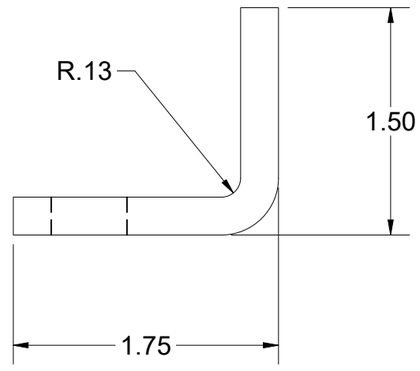
NAME & DESCRIPTION: 200069108 Door Component Steel Side Bar		REV: H-1-1
WEIGHT: 1.052 lbmass	DRAWN BY: R. Dohr	SHEET: 18 OF 19
CREATED: 10/5/2022	MODIFIED: 2/2/2026	

200069080.idw









BEND TABLE			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION
0.125	2	90	0.440

MATERIAL IFS: 100007735

MATERIAL THK: 0.25

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

Infrastructure
JENSEN
527 Dunn Circle, Sparks, NV 89431
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NAME & DESCRIPTION: 200069884
Door Component Steel Lap Bar

REV: H-1-1

WEIGHT: 8.094 lbmass

DRAWN BY: R. Dohr

SHEET: 19 OF 19

CREATED: 10/5/2022

MODIFIED: 2/2/2026

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