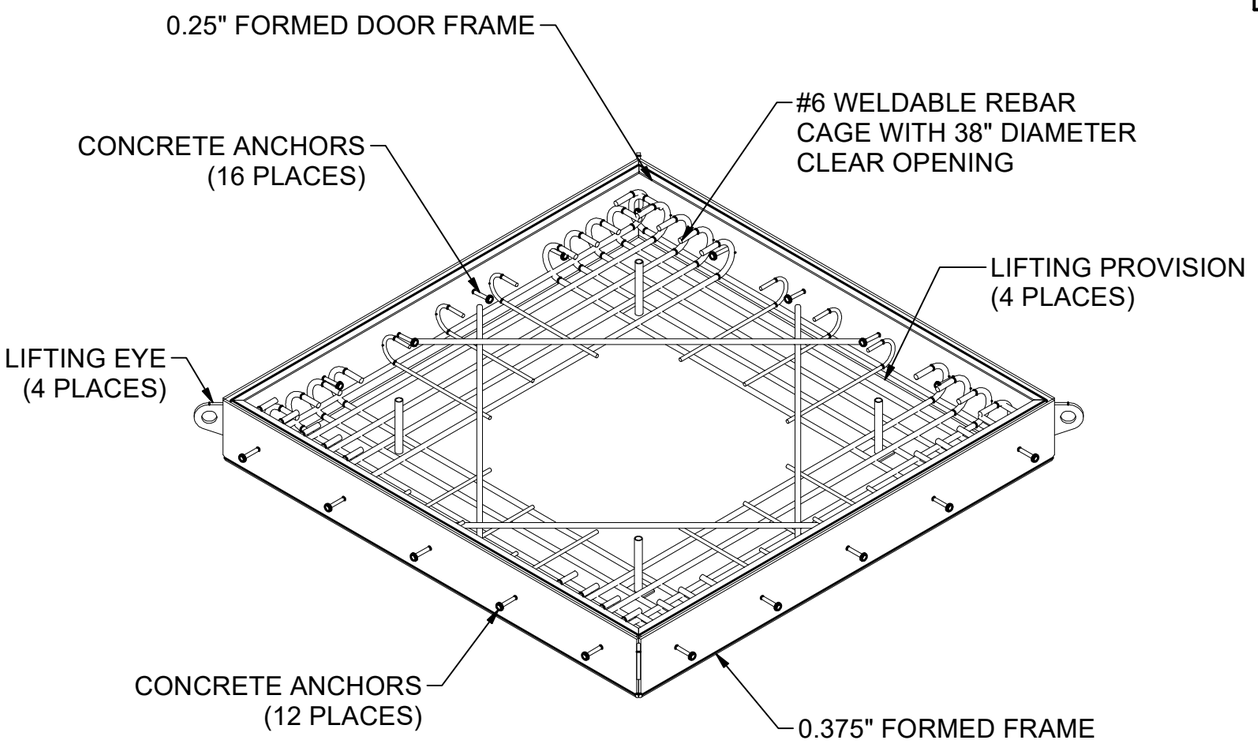
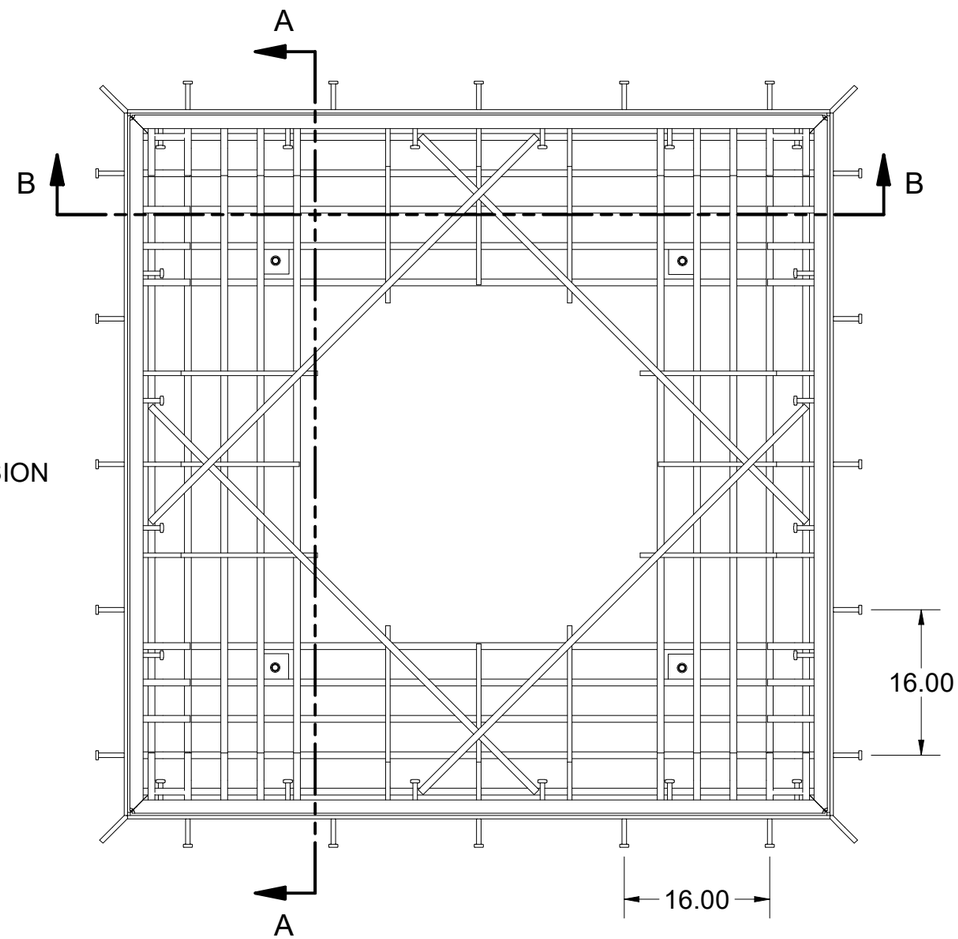
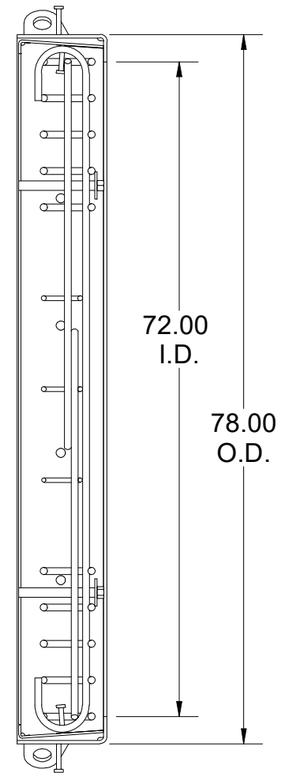
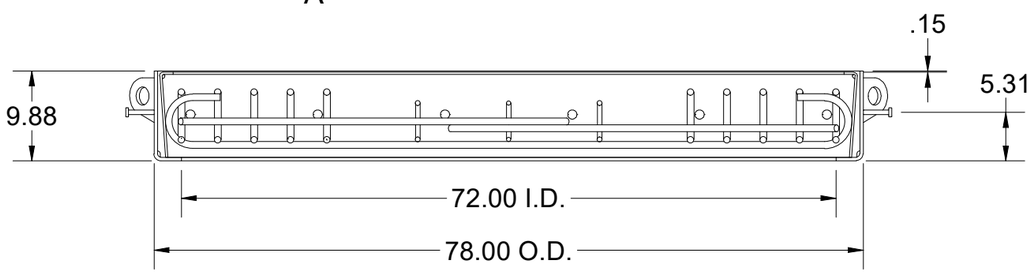






SECTION A-A



SECTION B-B

LOADING CRITERIA: ASTM C1802 Load Level 07

16,000 lb load on 10" x 20" footprint, with 33% impact for use in multi-lane roadways with a maximum posted speed limit of 70 miles per hour.

SURFACE:	Concrete	FINISH:	Galvanized
WEIGHT:	645.65 lbs	MARKING:	None

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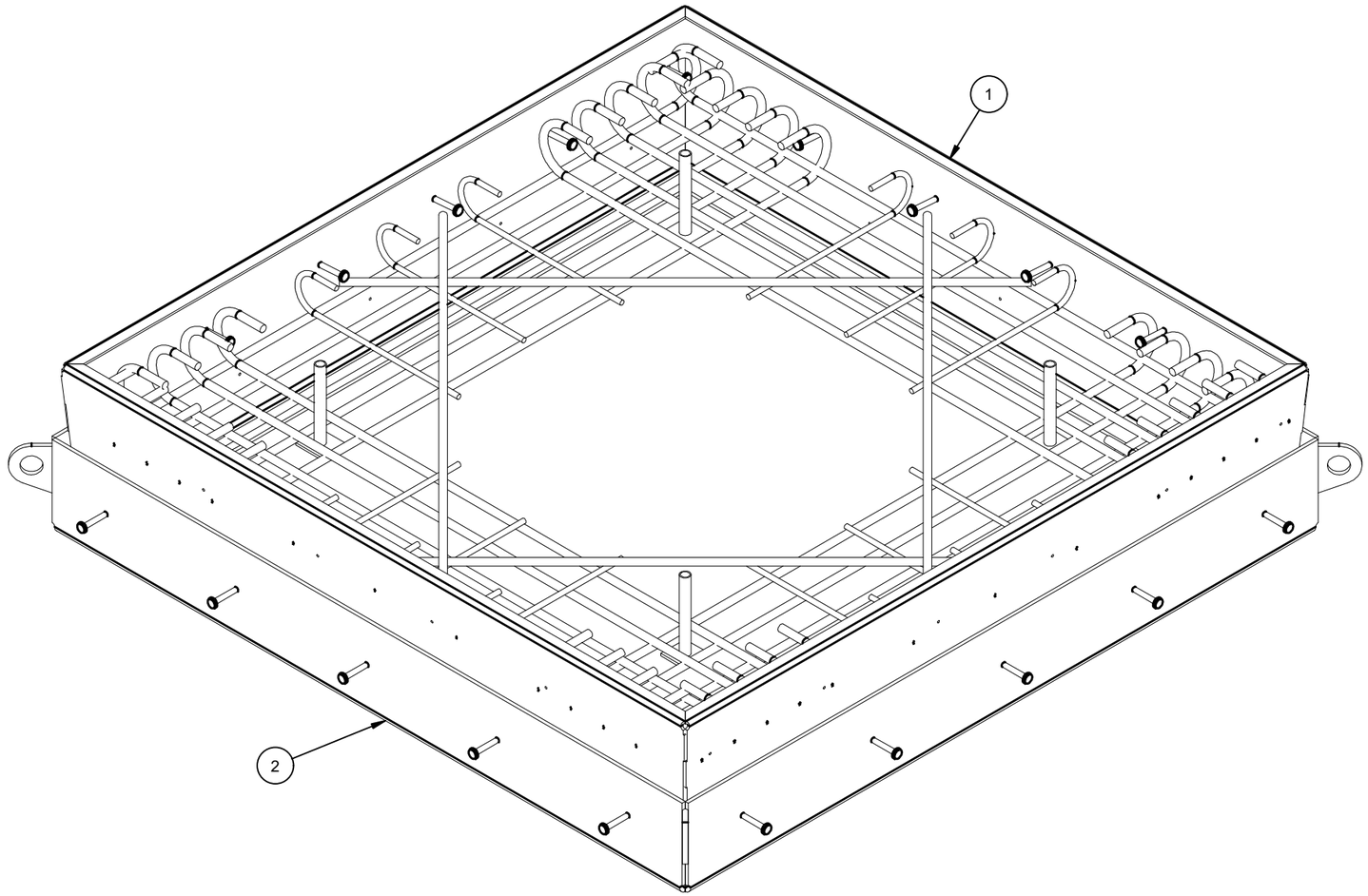
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DESCRIPTION:	PLCAS1-7272-CD7-C-G-OH09	REV:	E-1-1
	72x72 Plug Cover Assembly (Loading Criteria Per ASTM C1802 Load Level 07, Steel, Drop In, Pickhole, Concrete, Galvanized, N/A, N/A) 09	SHEET:	1
PART NUMBER:	200020614	DRAWN BY:	D. Parlee
CREATED:	5/7/2019	MODIFIED:	5/30/2025

200020614.idw

BILL OF MATERIALS

ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
2	1	1	200020615	PLFAS-7272-HDO-G-OH09	200020615
1	1	1	200020617	PLDAS1-SD-7272-D7-C-G	200020617



200020614.idw

REVISION HISTORY	
DESCRIPTION	DATE
UPDATED BEND DEDUCTIONS, BROUGHT DRAWINGS TO CURRENT STANDARDS, ERM 55130-3	5/30/2024
59040-4 UPDATED INNER FRAME SIDE AND END BEND TABLES. FIXED INNER FRAME SIDE AND END MODELS.	5/28/2025

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: Concrete

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PART NUMBER & DESCRIPTION: 200020614 PLCAS1-7272-CD7-C-G-OH09

REV: E-1-1

WEIGHT: 645.65 Lbs

DRAWN BY: D. Parlee

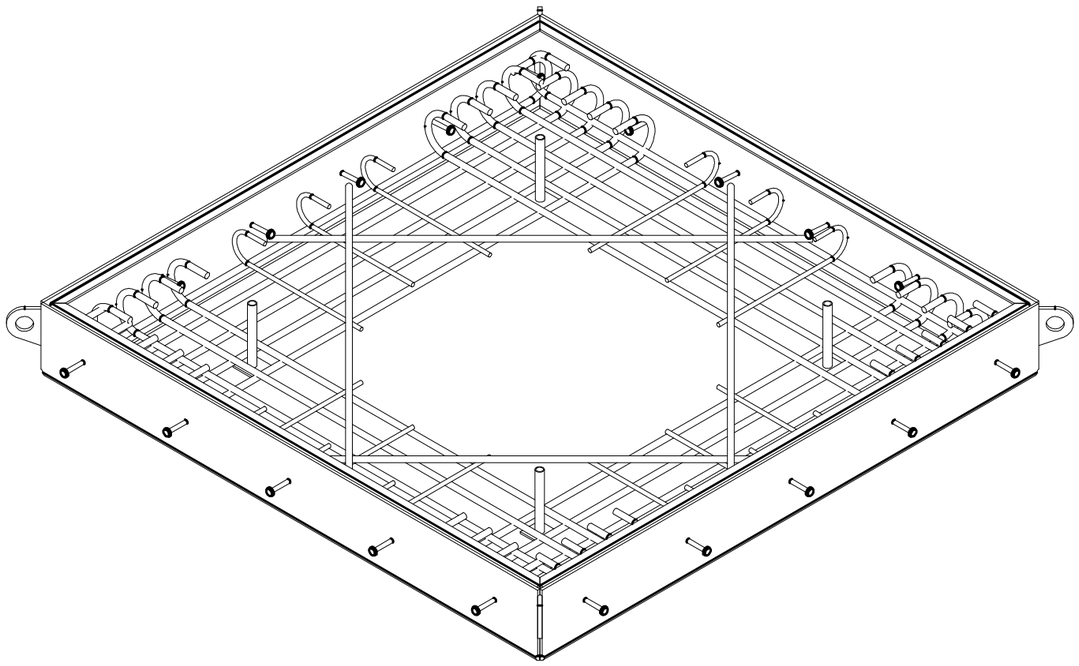
CREATED: 5/7/2019

MODIFIED: 5/30/2025

SHEET: 2

BURN LIST - BOM

PART NAME	ITEM QTY	QTY	DESCRIPTION	STOCK NUMBER	MATERIAL	MASS	SHEET
200015285	4	6.808 lbmass	FRAME LIFTING EYE	100007806	STL ASTM A36 SM-HRPO RAW .500	1.702 lbmass	10
200016158	4	4	LIFTING TUBE BASE PLATE	100007735	STL ASTM A36 SM-HRPO RAW .250	0.603 lbmass	11
200020616	4	399.569 lbmass	Frame Component Steel Frame Side, Outer, Cast In	100007805	STL ASTM A36 SM-HRS RAW .375	99.892 lbmass	12
200020619	2	112.437 lbmass	Frame Component Steel Frame End, Cast In	100007735	STL ASTM A36 SM-HRPO RAW .250	56.219 lbmass	13
200020620	2	112.380 lbmass	Frame Component Steel Frame Side, Cast In	100007735	STL ASTM A36 SM-HRPO RAW .250	56.190 lbmass	14



200020614.idw

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: Concrete

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PART NUMBER & DESCRIPTION: 200020614 PLCAS1-7272-CD7-C-G-OH09

REV: E-1-1

WEIGHT: 645.65 Lbs

DRAWN BY: D. Parlee

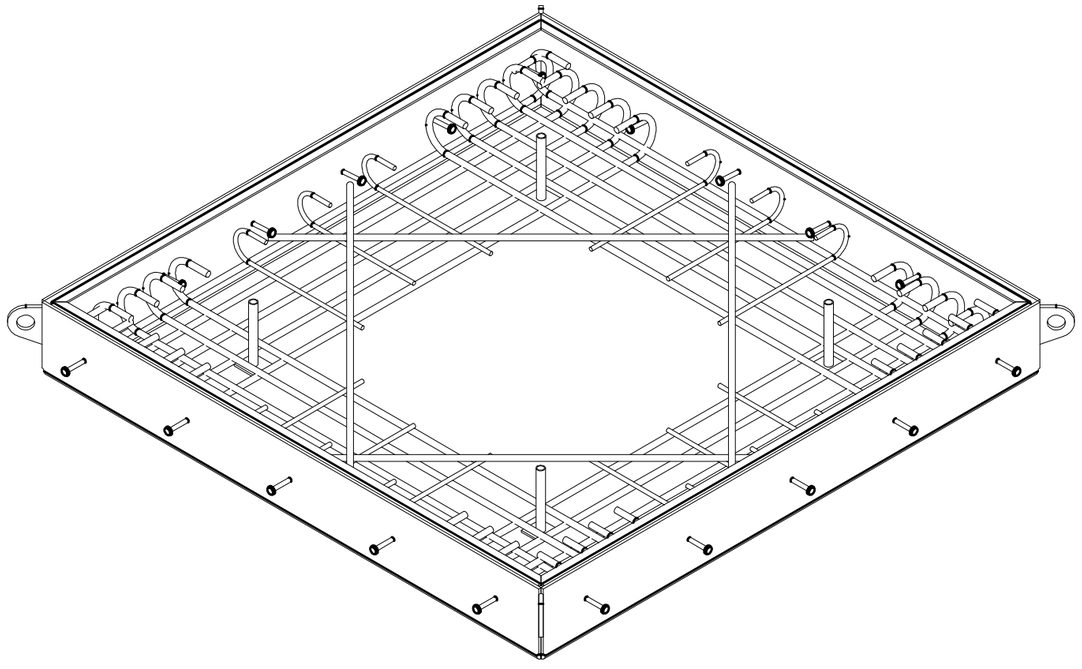
CREATED: 5/7/2019

MODIFIED: 5/30/2025

SHEET: 3

CUT LIST - BOM

PART NAME	ITEM QTY	BASE QTY	QTY	DESCRIPTION	PART NUMBER	MASS	SHEET
100003295	4	8.3750 in	33.500 in	STRUCTURAL STEEL PIPE SCH 40 - 3/4	100003295	0.7901 lbmass	



200020614.idw

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: Concrete

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PART NUMBER & DESCRIPTION: 200020614 PLCAS1-7272-CD7-C-G-OH09

REV: E-1-1

WEIGHT: 645.65 Lbs

DRAWN BY: D. Parlee

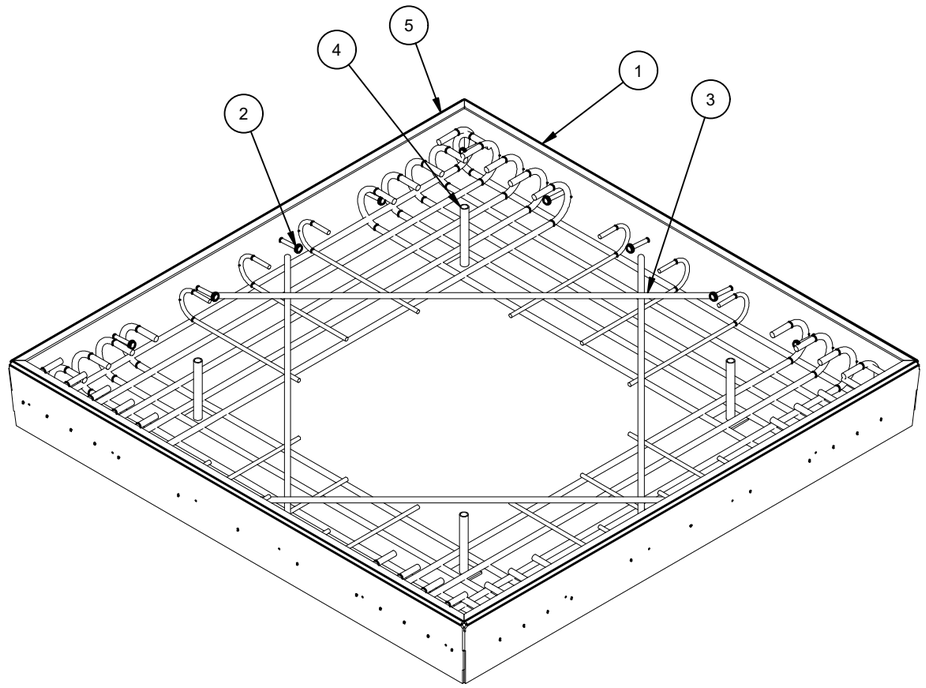
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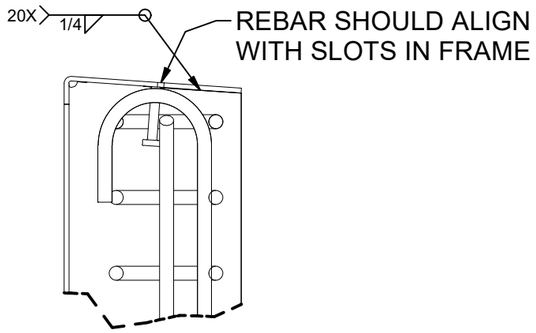
MODIFIED: 5/30/2025

SHEET: 4

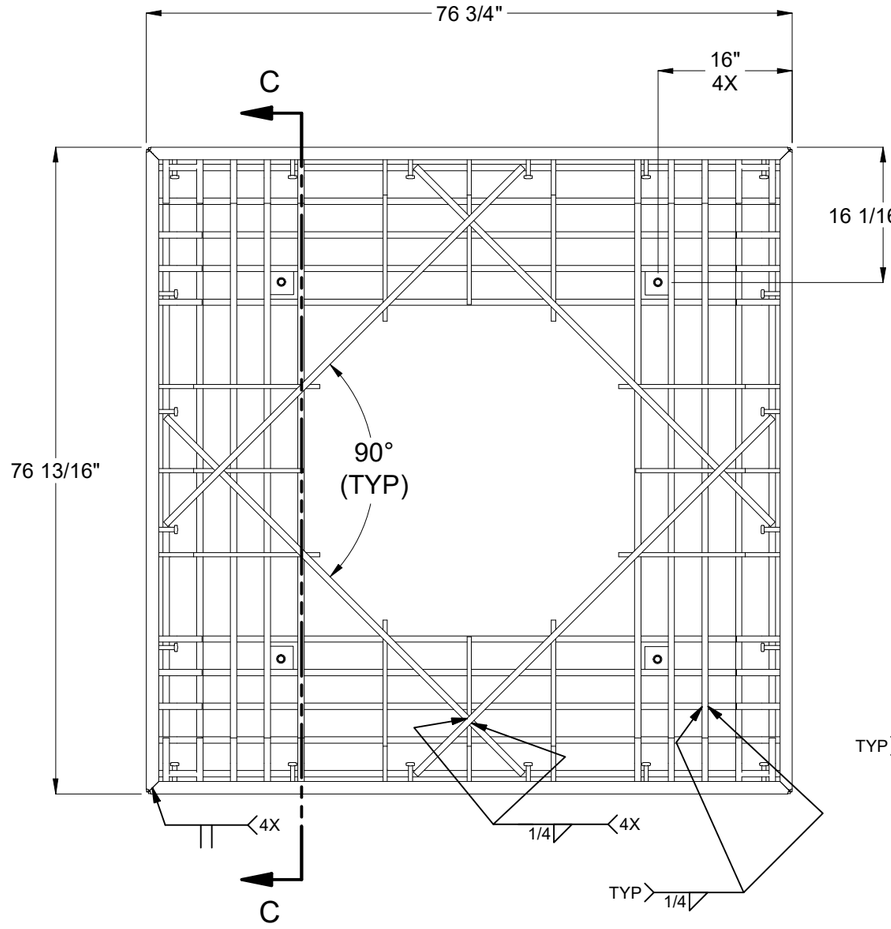
BILL OF MATERIALS

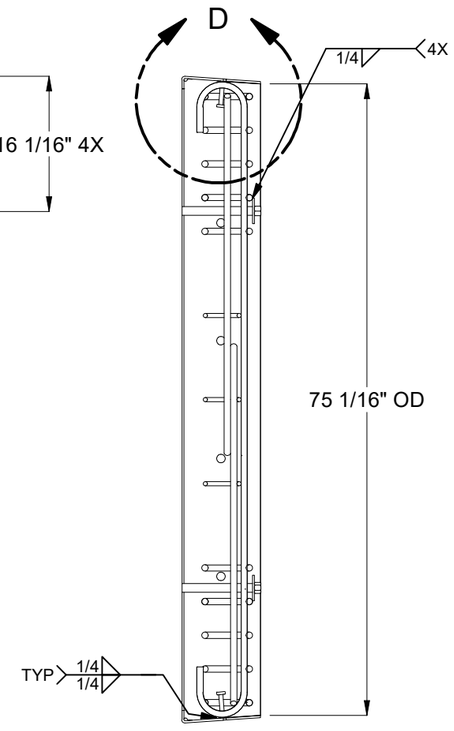
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	56.190 lbmass	112.380 lbmass	100007735	Frame Component Steel Frame Side, Cast In	200020620
2	1	20	100007886	STUD NELSON WELD H4L-HEADED A36 1/2X3-1/8	100007886
3	1	1	200020618	Rebar Kit 72x72 Access	200020618
4	1	4	200020698	9.375" Lifting Tube	200020698
5	56.219 lbmass	112.437 lbmass	100007735	Frame Component Steel Frame End, Cast In	200020619



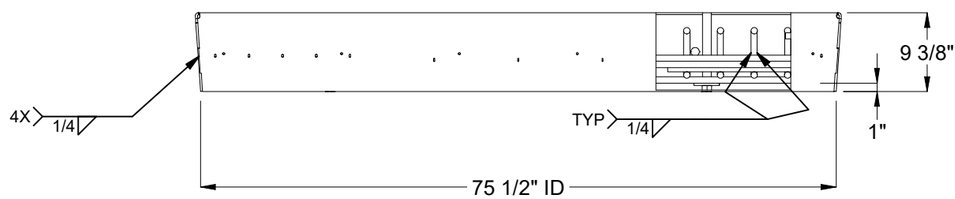


DETAIL D





SECTION C-C

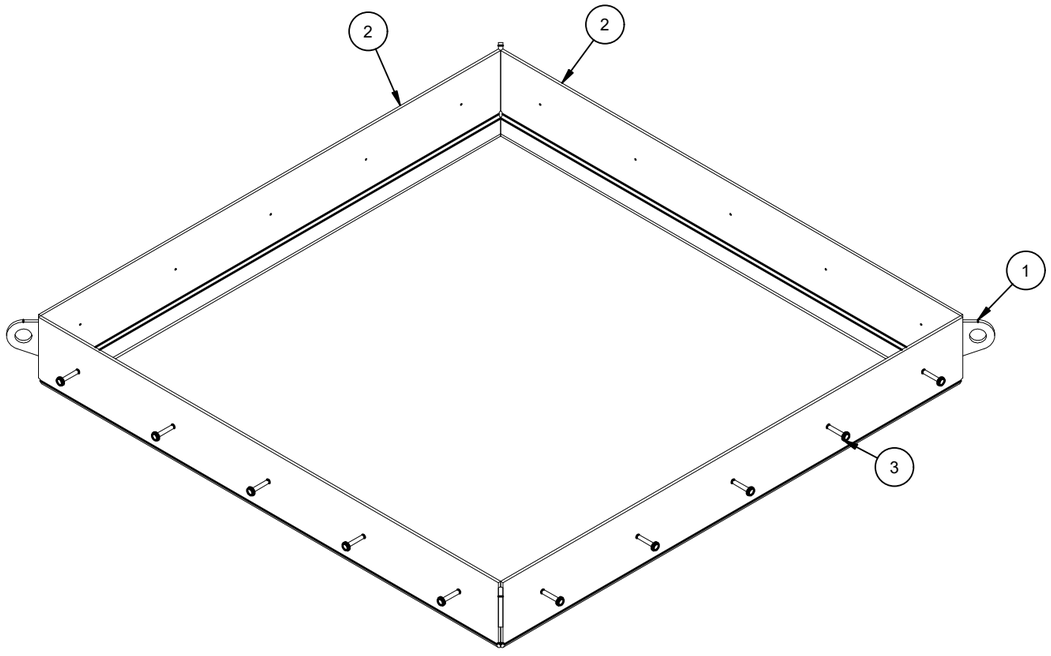


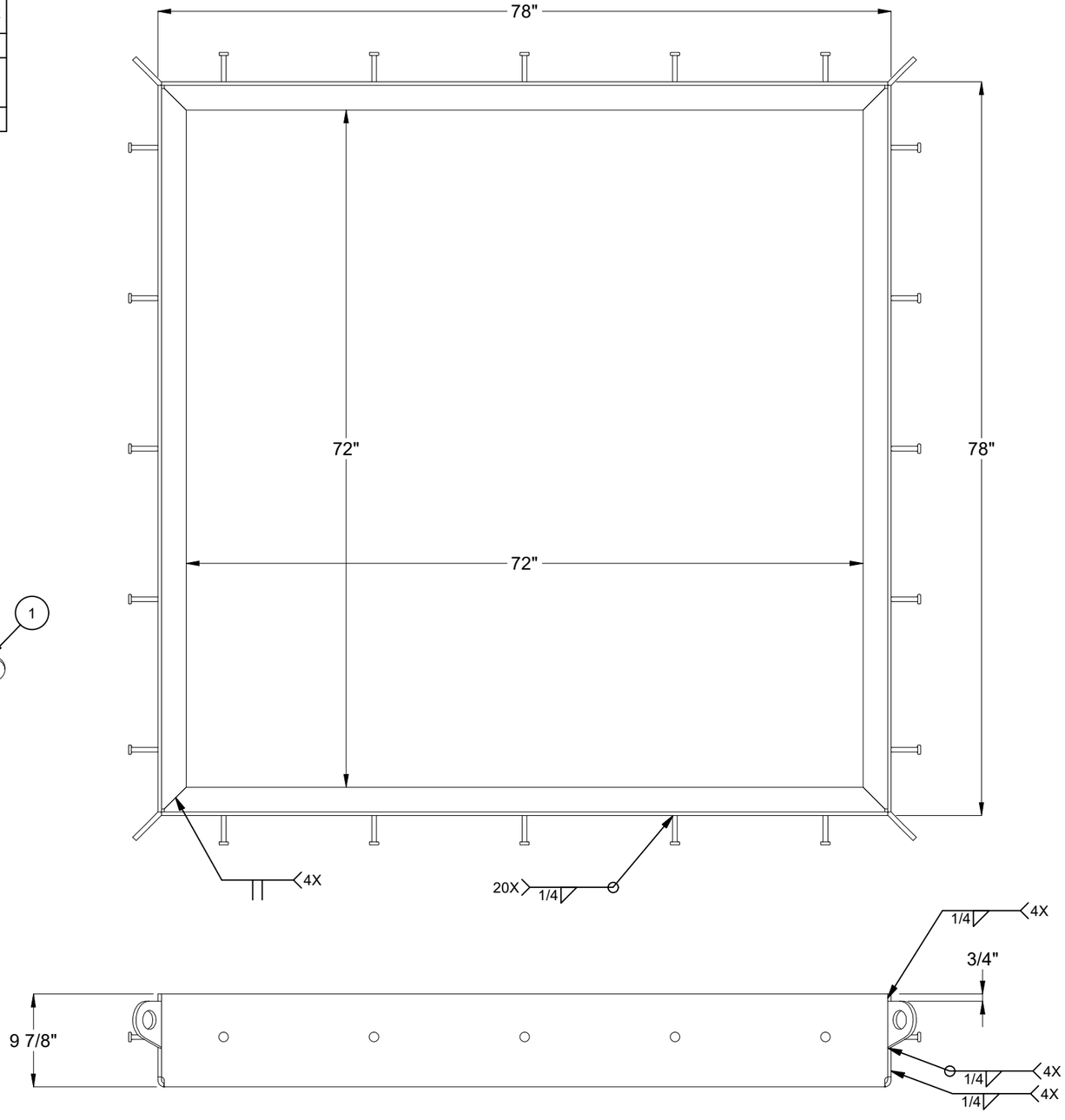
MATERIAL FINISH: Galvanized	Jensen Infrastructure **527 Dunn Circle, Sparks, NV 89431** **775-352-2716 FAX: 755-358-8127** ***JENSENMETALTECH.COM***	©2025 Jensen Infrastructure - All rights reserved. All materials appearing as Jensen Infrastructure documents and the like are proprietary work product 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: 200020617 PLDAS1-SD-7272-D7-C-G	REV: E-1-1
MATERIAL SURFACE: Concrete			WEIGHT: 234.19 Lbs CREATED: 5/7/2019	DRAWN BY: D. Parlee MODIFIED: 5/30/2025	SHEET: 5

200020614.idw

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	1.702 lbmass	6.808 lbmass	100007806	FRAME LIFTING EYE	200015285
2	99.892 lbmass	399.569 lbmass	100007805	Frame Component Steel Frame Side, Outer, Cast In	200020616
3	1	20	100007886	STUD NELSON WELD H4L-HEADED A36 1/2X3-1/8	100007886



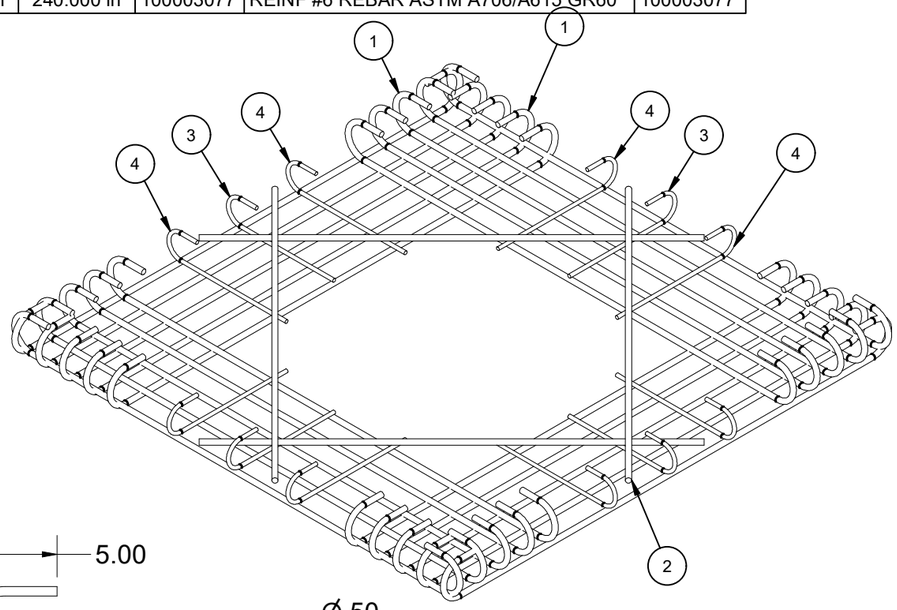


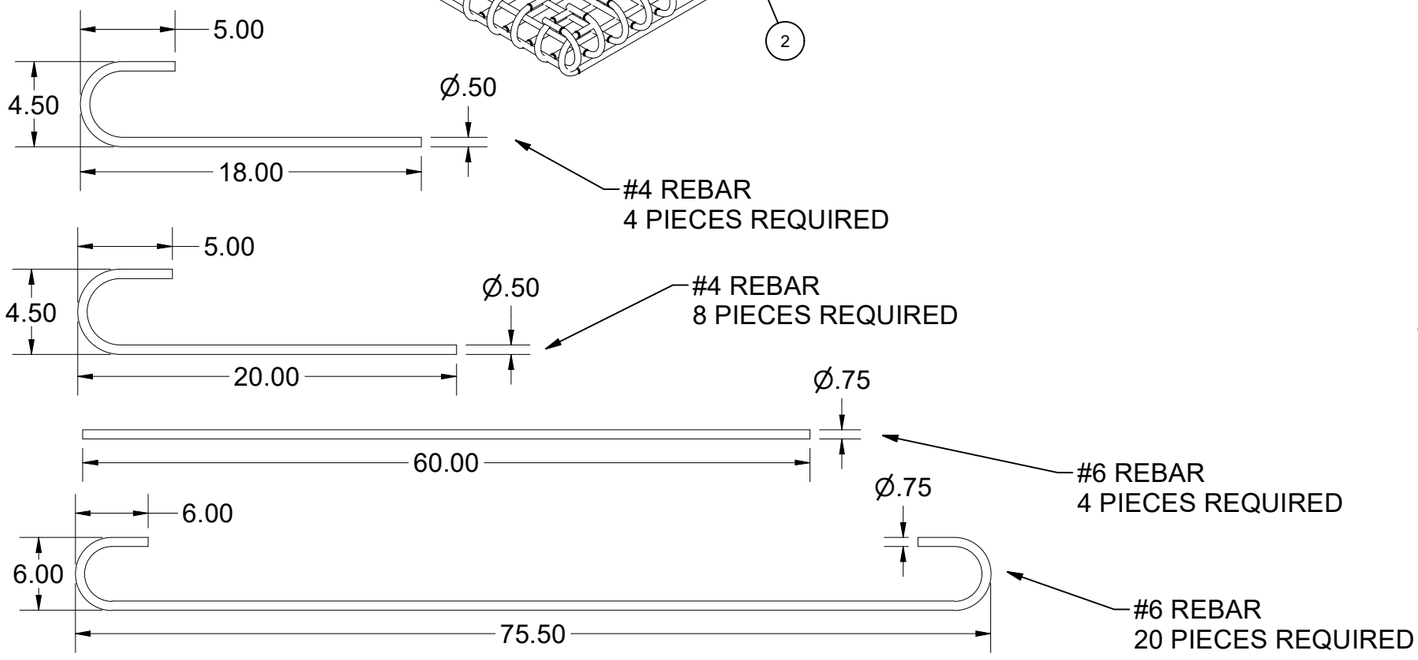
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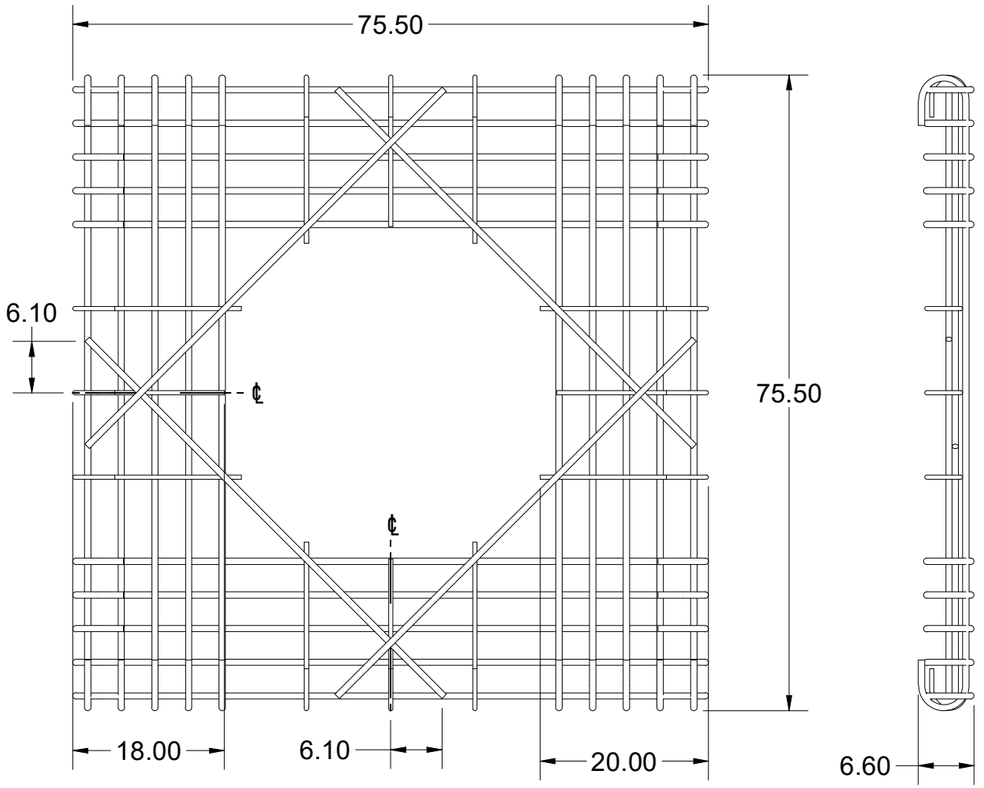
MATERIAL FINISH: Galvanized	Infrastructure JENSEN 527 Dunn Circle, Sparks, NV 89431 775-352-2716 FAX: 755-358-8127 *JENSENMETALTECH.COM*	©2025 Jensen Infrastructure - All rights reserved. All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected 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: 200020615 PLFAS-7272-HDO-G-OH09	REV: E-1-1
MATERIAL SURFACE: Smooth			WEIGHT: 410.47 Lbs CREATED: 5/7/2019	DRAWN BY: D. Parlee MODIFIED: 5/30/2025	SHEET: 6

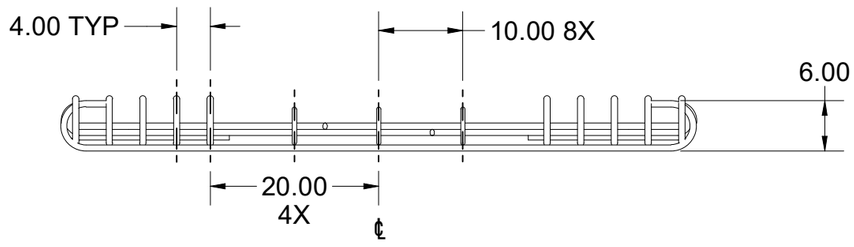
BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	91.993 in	1839.867 in	100003077	REINF #6 REBAR ASTM A706/A615 GR60	100003077
3	24.783 in	99.133 in	100003075	REINF #4 REBAR ASTM A706/A615 GR60	100003075
4	26.783 in	214.265 in	100003075	REINF #4 REBAR ASTM A706/A615 GR60	100003075
2	60.000 in	240.000 in	100003077	REINF #6 REBAR ASTM A706/A615 GR60	100003077







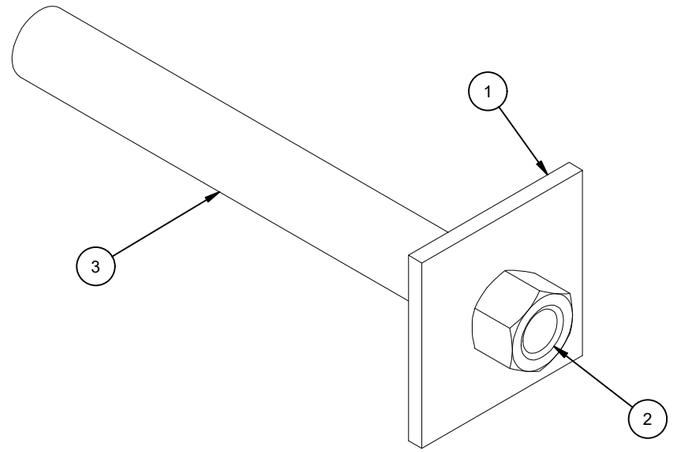


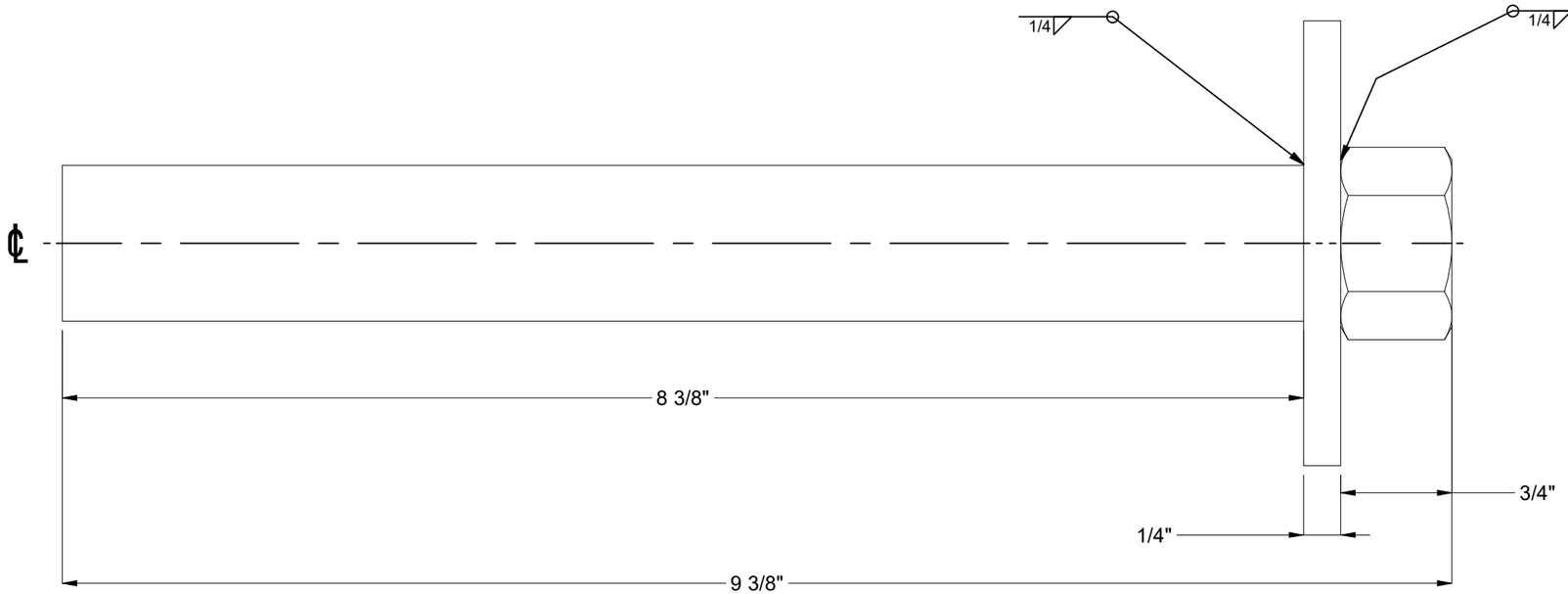
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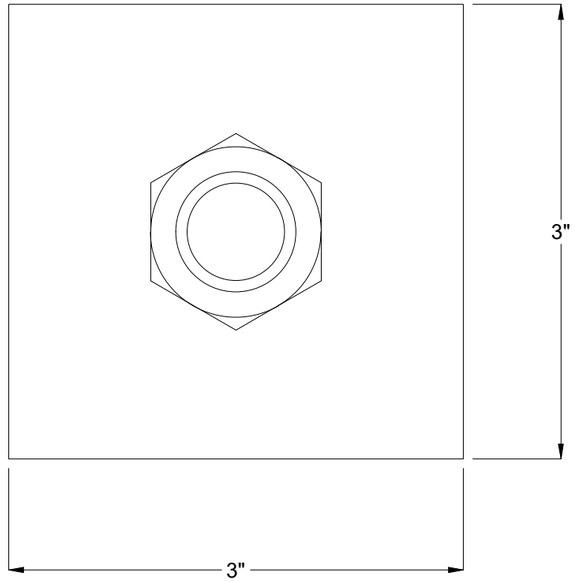
MATERIAL FINISH: Raw	Jensen Infrastructure **527 Dunn Circle, Sparks, NV 89431** **775-352-2716 FAX: 755-358-8127** ***JENSENMETALTECH.COM***	©2025 Jensen Infrastructure - All rights reserved. All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are 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: 200020618 Rebar Kit 72x72 Access REV: E-1-1
MATERIAL SURFACE: Smooth			WEIGHT: 0.04 Lbs DRAWN BY: D. Parlee CREATED: 5/7/2019 MODIFIED: 5/30/2025 SHEET: 7

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	1	1	200016158	LIFTING TUBE BASE PLATE
2	1	1	100007011	HEX COIL NUT 3/4-4.5 PLAIN
3	8.375 in	8.375 in	100003295	STRUCTURAL STEEL PIPE SCH 40 - 3/4

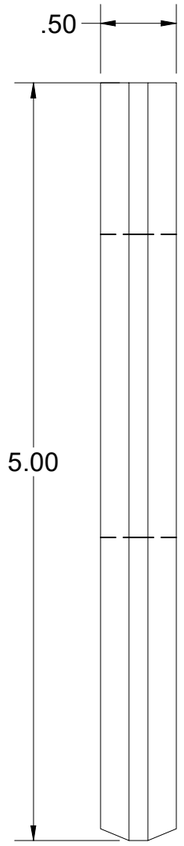


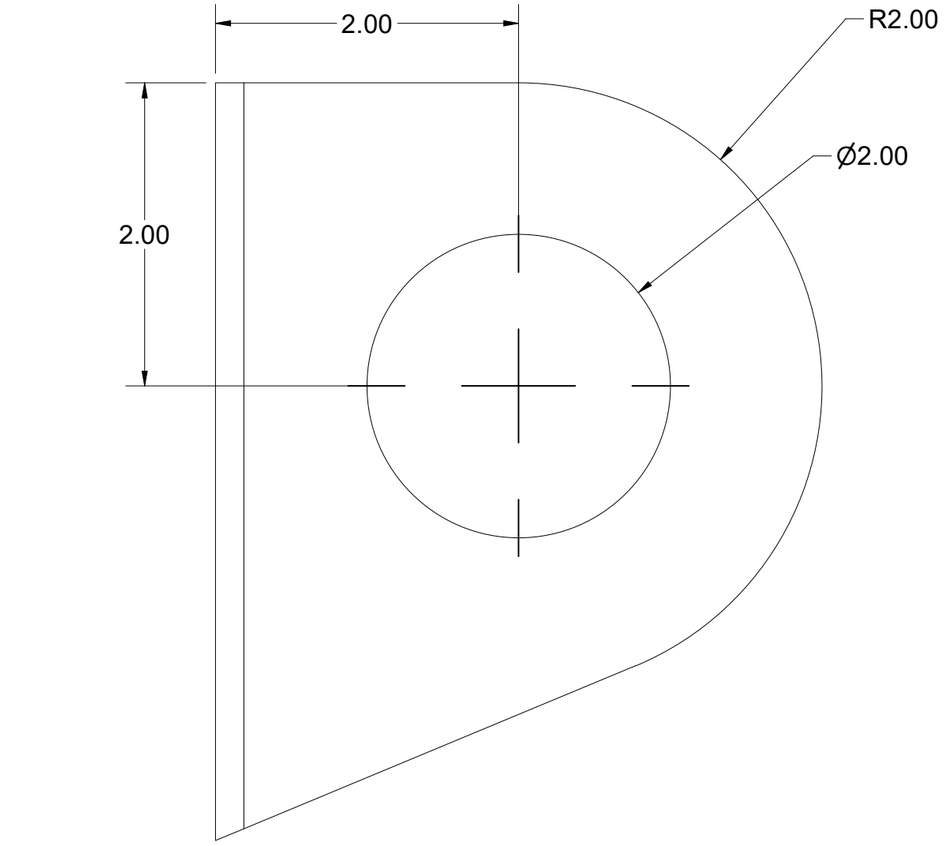


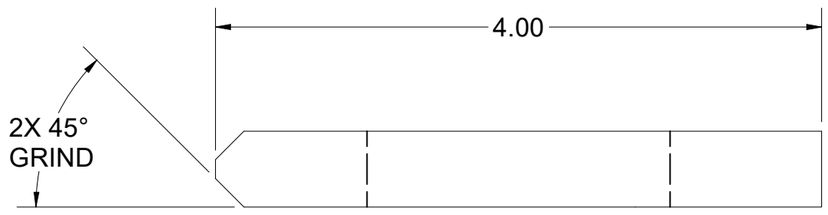


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MATERIAL SURFACE: Smooth			WEIGHT: 1.56 Lbs; DRAWN BY: D. Parlee; SHEET: 8
			CREATED: 5/7/2019; MODIFIED: 5/30/2025







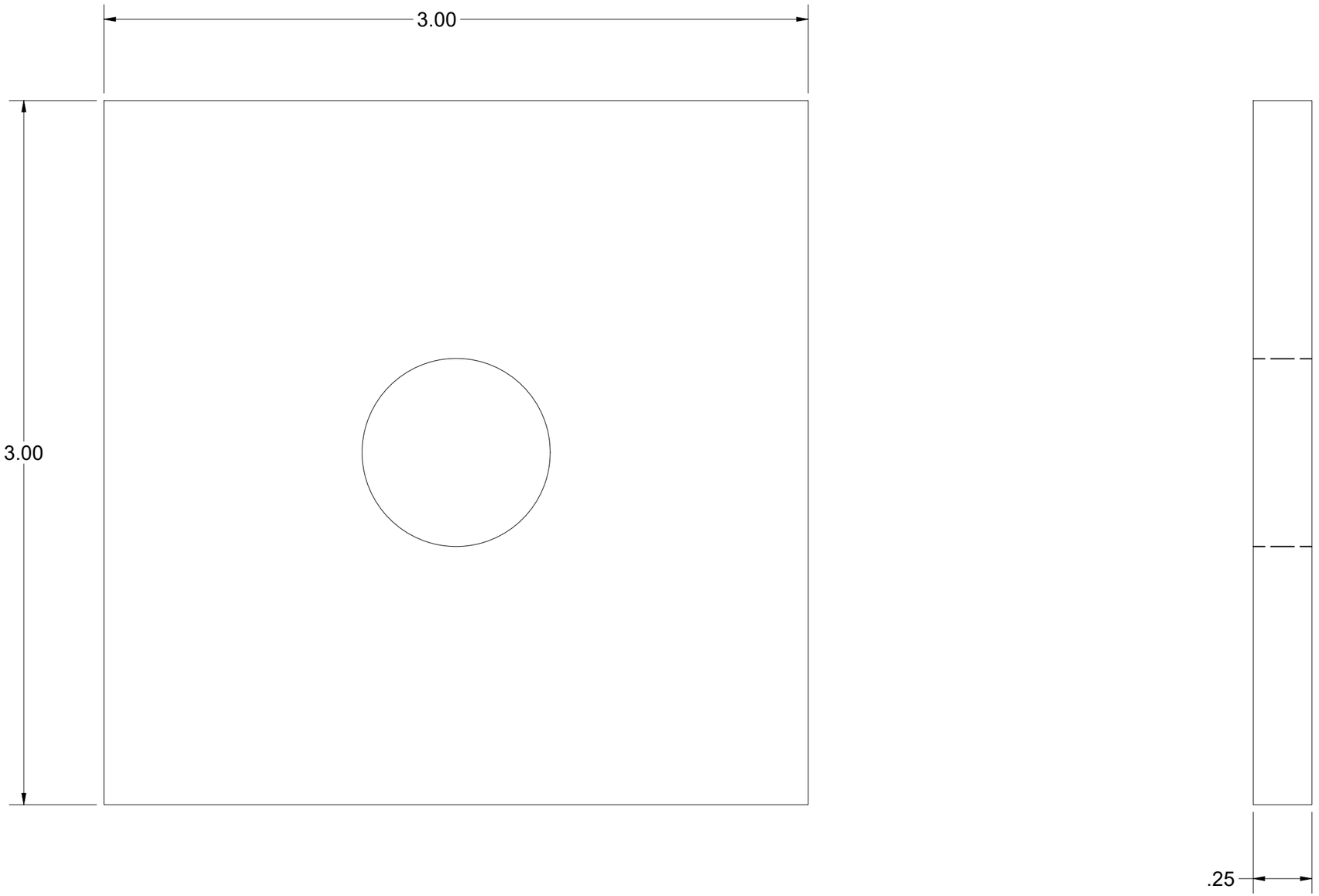
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BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.5			
-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO RAW .500			

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NAME & DESCRIPTION: 200015285 FRAME LIFTING EYE		REV: E-1-1
WEIGHT: 1.702 lbmass	DRAWN BY: D. Parlee	SHEET: 9 OF 13
CREATED: 5/7/2019	MODIFIED: 5/30/2025	

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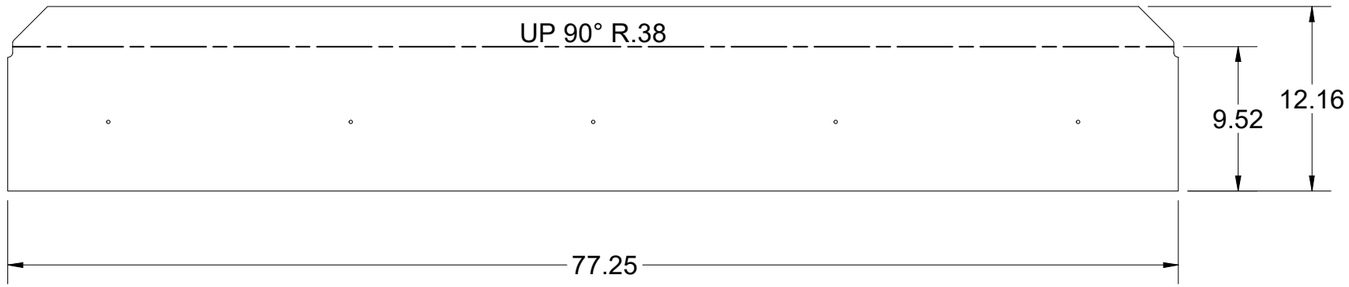
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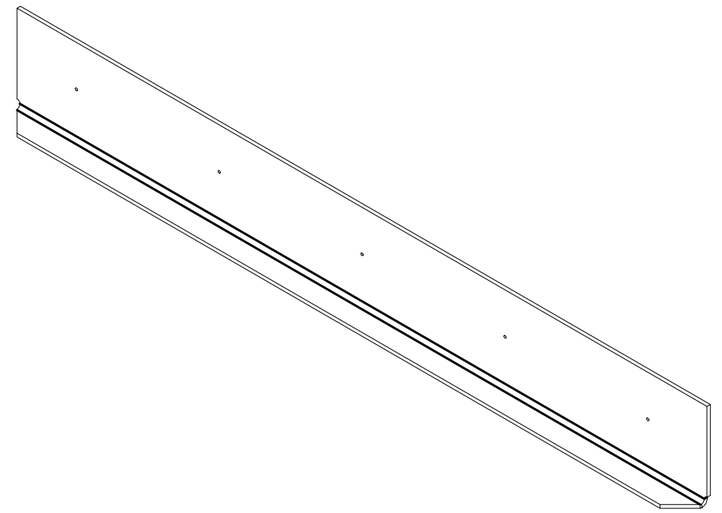
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BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25
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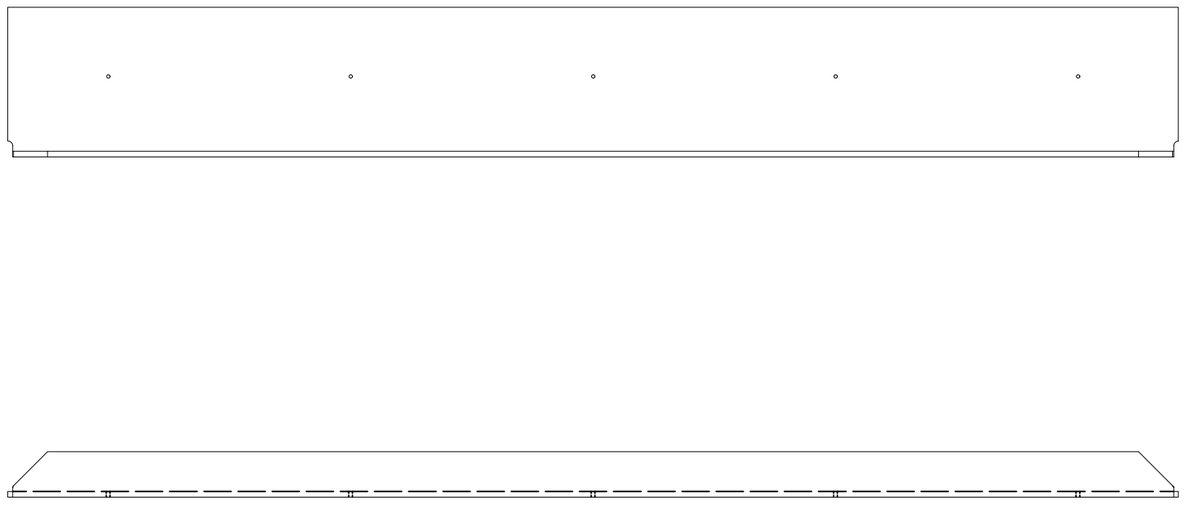
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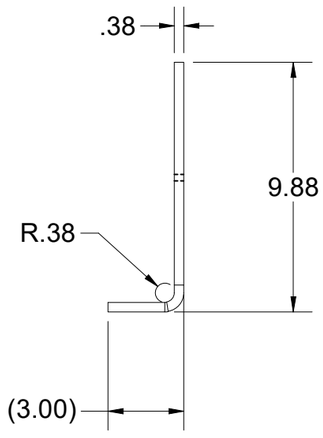
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NAME & DESCRIPTION: 200016158 LIFTING TUBE BASE PLATE		REV: E-1-1
WEIGHT: 0.603 lbmass	DRAWN BY: D. Parlee	SHEET: 10 OF 13
CREATED: 5/7/2019	MODIFIED: 5/30/2025	









BEND TABLE			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION
0.375	3	90	0.717

MATERIAL IFS: 100007805

MATERIAL THK: 0.375

MAT DESCRIPTION: STL ASTM A36 SM-HRS RAW .375

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NAME & DESCRIPTION: 200020616
Frame Component Steel Frame Side, Outer, Cast In

REV: E-1-1

WEIGHT: 99.892 lbmass

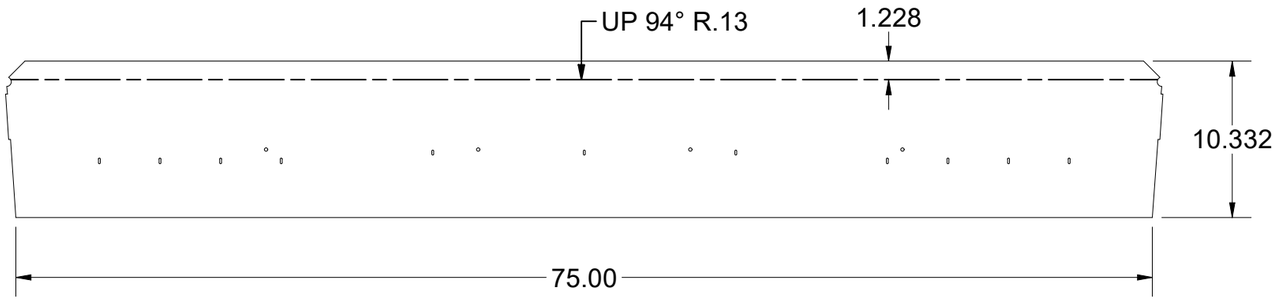
DRAWN BY: D. Parlee

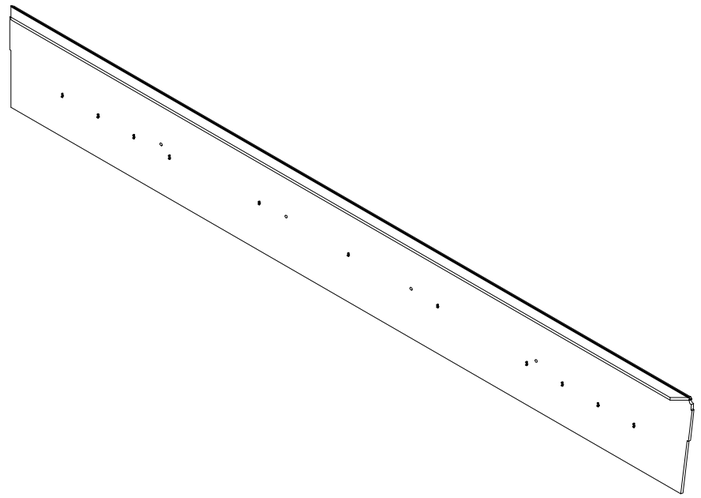
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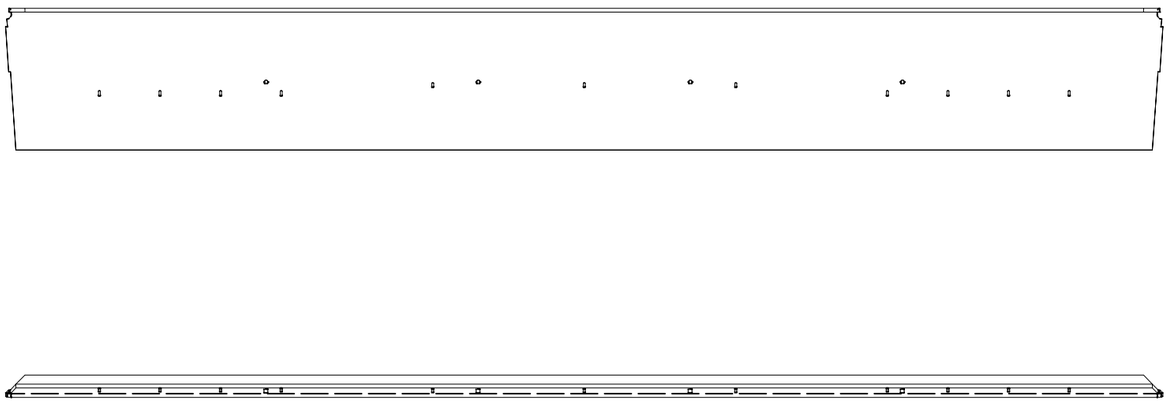
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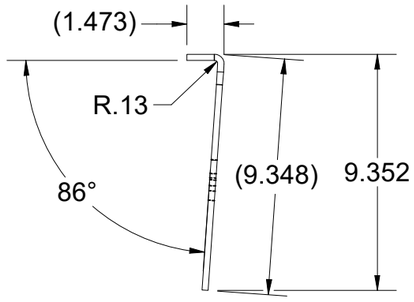
SHEET: 11 OF 13

200020614.idw









BEND TABLE			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION
0.125	2	94	0.4944

MATERIAL IFS: 100007735

MATERIAL THK: 0.25

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

Infrastructure JENSEN
527 Dunn Circle, Sparks, NV 89431
775-352-2716 FAX: 755-358-8127
JENSENMETALTECH.COM

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NAME & DESCRIPTION: 200020619
Frame Component Steel Frame End, Cast In

REV: E-1-1

WEIGHT: 56.219 lbmass

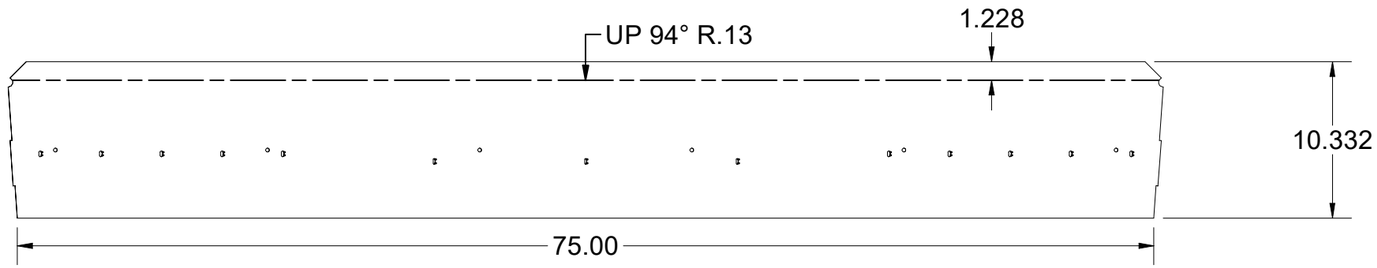
DRAWN BY: D. Parlee

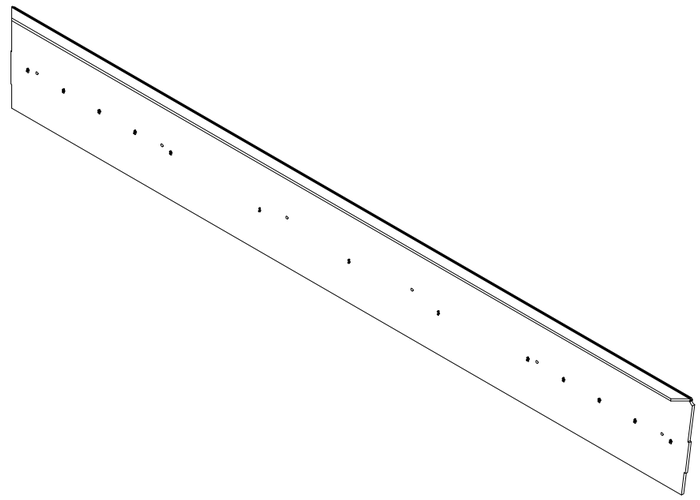
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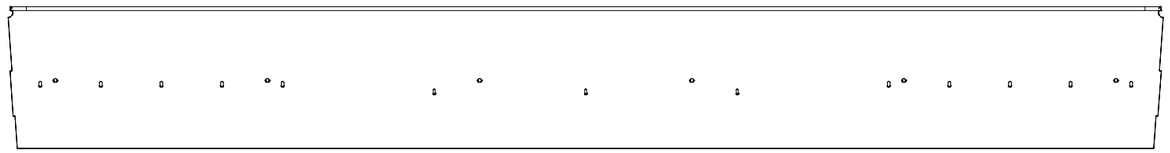
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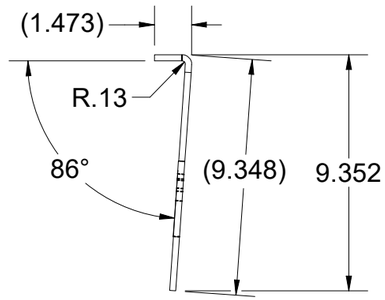
SHEET: 12 OF 13

200020614.idw











200020614.idw

BEND TABLE			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION
0.125	2	94	0.4944

MATERIAL IFS: 100007735

MATERIAL THK: 0.25

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

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NAME & DESCRIPTION: 200020620
Frame Component Steel Frame Side, Cast In

REV: E-1-1

WEIGHT: 56.190 lbmass

DRAWN BY: D. Parlee

CREATED: 5/7/2019

MODIFIED: 5/30/2025

SHEET: 13 OF 13