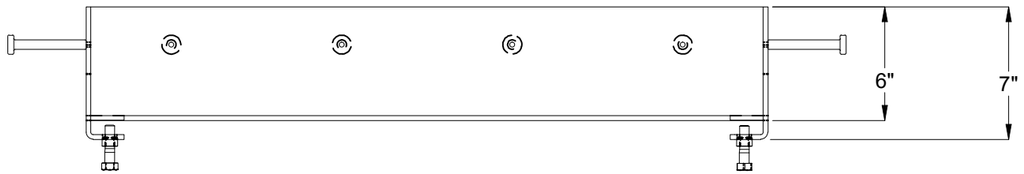
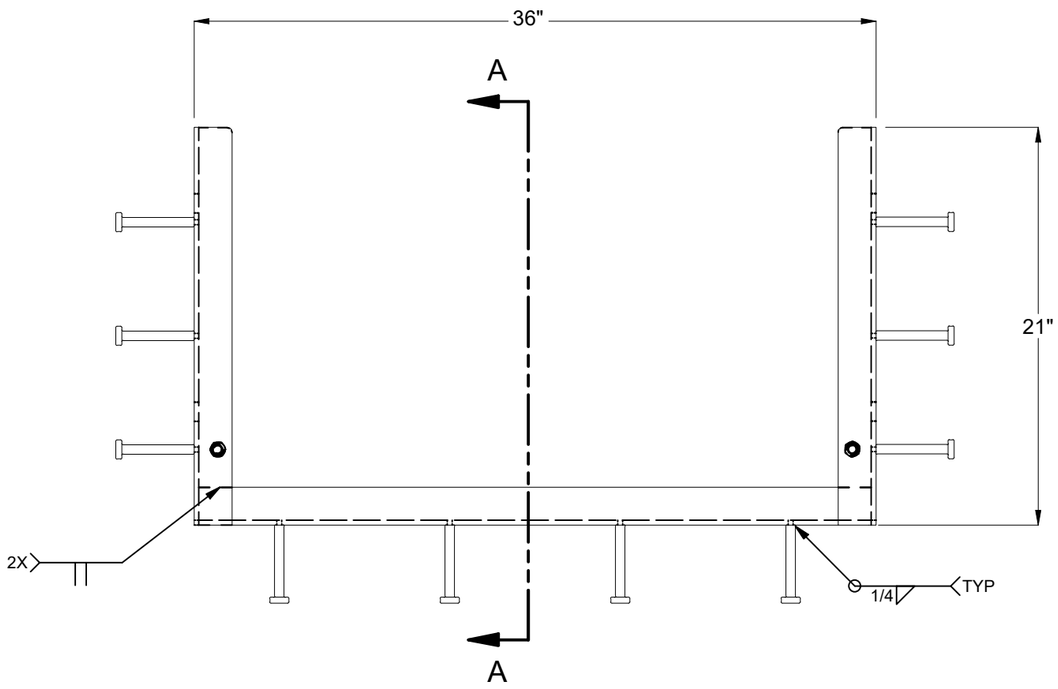
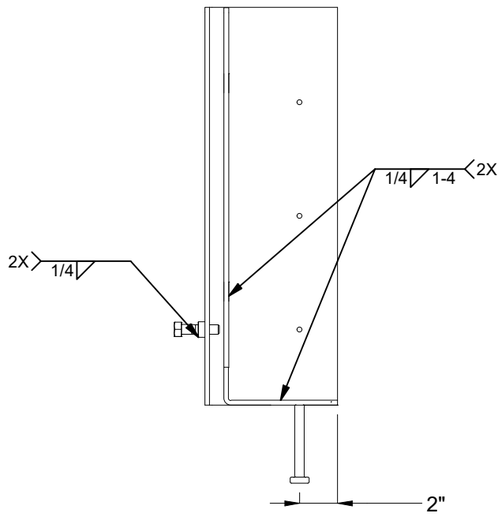
BILL OF MATERIALS

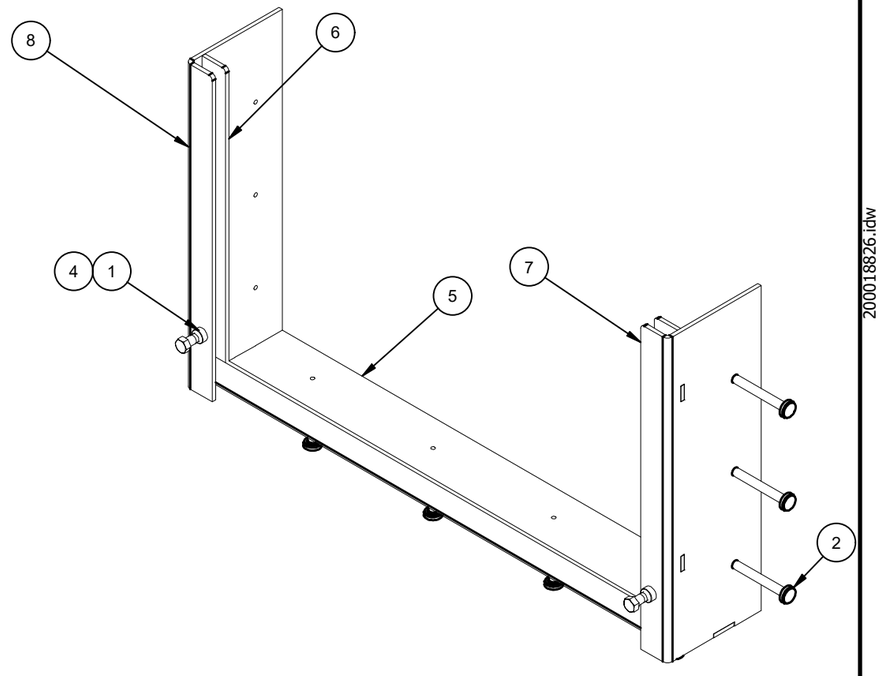
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	1	2	100004339	BOLT HEX 1/2-13 UNC 2 304SS	
2	1	10	100007888	STUD NELSON WELD H4L-HEADED A36 1/2X4-1/8 SS	
3	53.868 lbmass	53.868 lbmass	100007844	36x21 Adjustable Weir Weir Plate	200018830
4	1	2	100007860	NUT SELF-CLINCH 1/2-13 CLS-0813-1 SS	100007860
5	19.643 lbmass	19.643 lbmass	100007844	36x21 Adjustable Weir Base	200018962
6	2.437 lbmass	4.875 lbmass	100007844	48x21 Adjustable Weir Backing	200018872
7	13.002 lbmass	13.002 lbmass	100007844	48x21 Adjustable Weir Angle Left	200018875
8	13.002 lbmass	13.002 lbmass	100007844	48x21 Adjustable Weir Angle Right	200018876

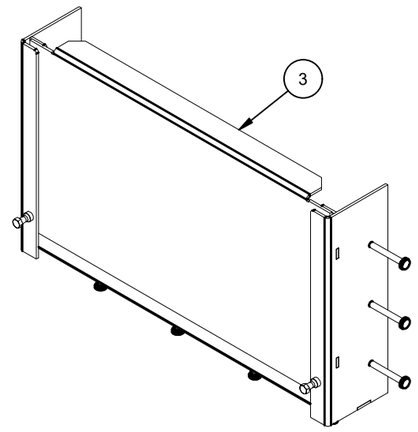






SECTION A-A





200018826.idw

REVISION HISTORY	
DESCRIPTION	DATE
ERM 57619-8 REDUCED WEIR PLATE LENGTH BY 1/2" TO ACCOMMODATE 1/4" GAP ON BOTH SIDES. INCREASED HOLE SIZE TO ACCOMMODATE PEM NUTS	9/11/2024

MATERIAL FINISH: Raw

MATERIAL SURFACE: Smooth

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PART NUMBER & DESCRIPTION: 200018826 — 36x21 Adjustable Weir Assembly

REV: A

WEIGHT: 107.36 Lbs

DRAWN BY: R. Dohr

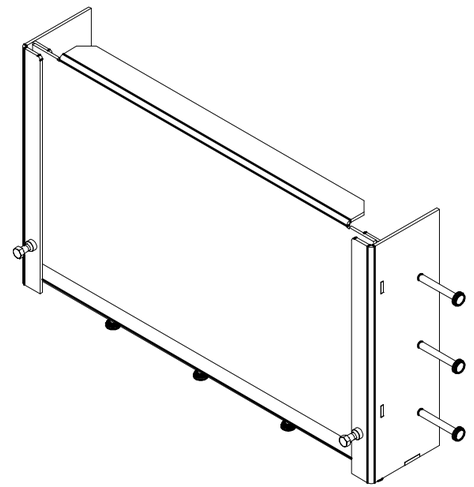
CREATED: 1/24/2019

MODIFIED: 9/11/2024

SHEET: 1

BURN LIST - BOM

PART NAME	PART NUMBER	ITEM QTY	DESCRIPTION	STOCK NUMBER	MATERIAL	MASS	SHEET
200018830	100007844	1	36x21 Adjustable Weir Weir Plate	100007844	SHT 304SS SM RAW .25	53.868 lbmass	03
200018872	100007844	2	48x21 Adjustable Weir Backing	100007844	SHT 304SS SM RAW .25	2.437 lbmass	04
200018875	100007844	1	48x21 Adjustable Weir Angle Left	100007844	SHT 304SS SM RAW .25	13.002 lbmass	05
200018876	100007844	1	48x21 Adjustable Weir Angle Right	100007844	SHT 304SS SM RAW .25	13.002 lbmass	06
200018962	100007844	1	36x21 Adjustable Weir Base	100007844	SHT 304SS SM RAW .25	19.643 lbmass	07



200018826.idw

MATERIAL FINISH: Raw

MATERIAL SURFACE: Smooth

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PART NUMBER & DESCRIPTION: 200018826 — 36x21 Adjustable Weir Assembly

REV: A

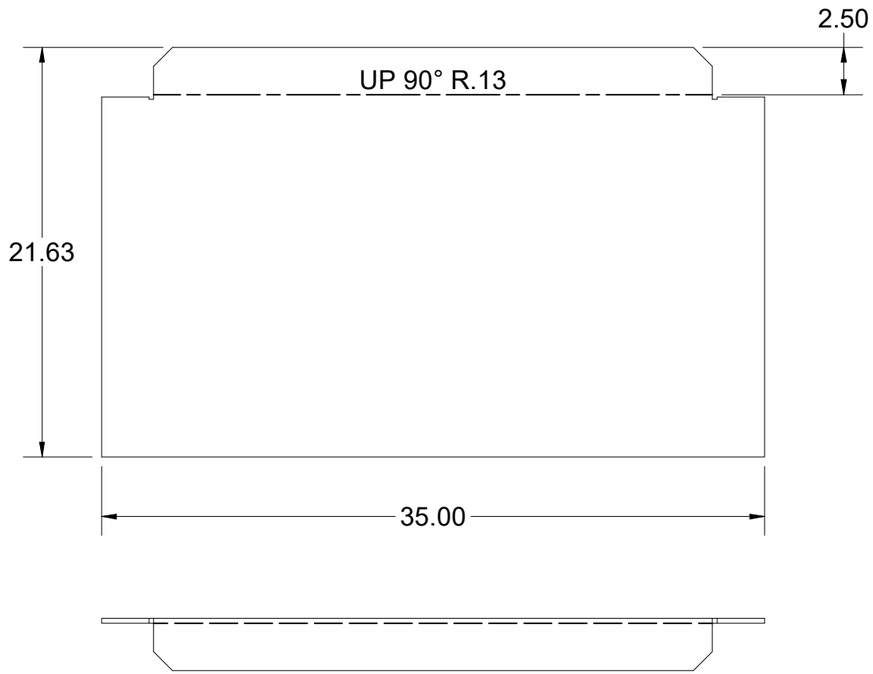
WEIGHT: 107.36 Lbs

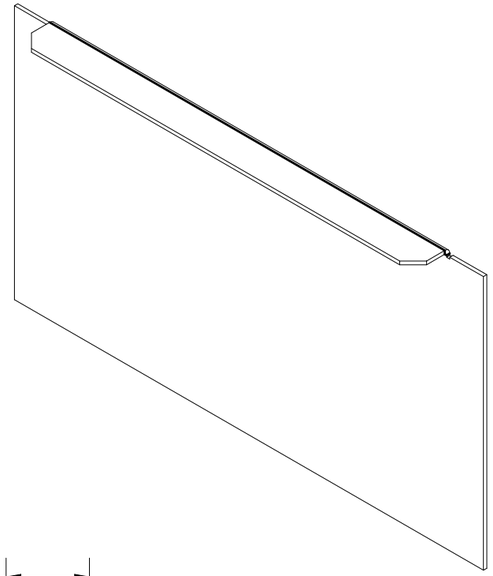
DRAWN BY: R. Dohr

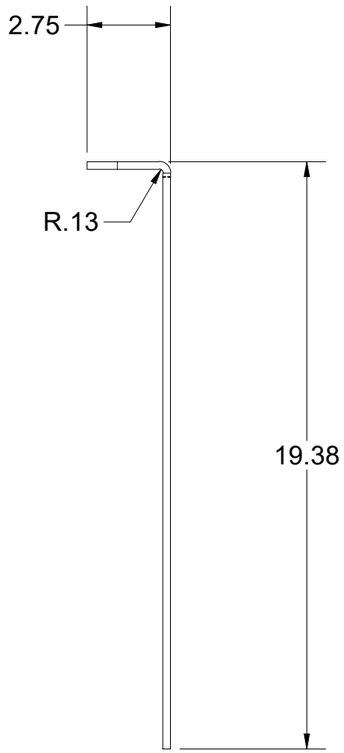
CREATED: 1/24/2019

MODIFIED: 9/11/2024

SHEET: 2







BEND TABLE			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION
0.125	2	90	0.4950

MATERIAL IFS: 100007844

MATERIAL THK: 0.25

MAT DESCRIPTION: SHT 304SS SM RAW .25

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NAME & DESCRIPTION: 200018830
36x21 Adjustable Weir Weir Plate

REV: A

WEIGHT: 53.868 lbmass

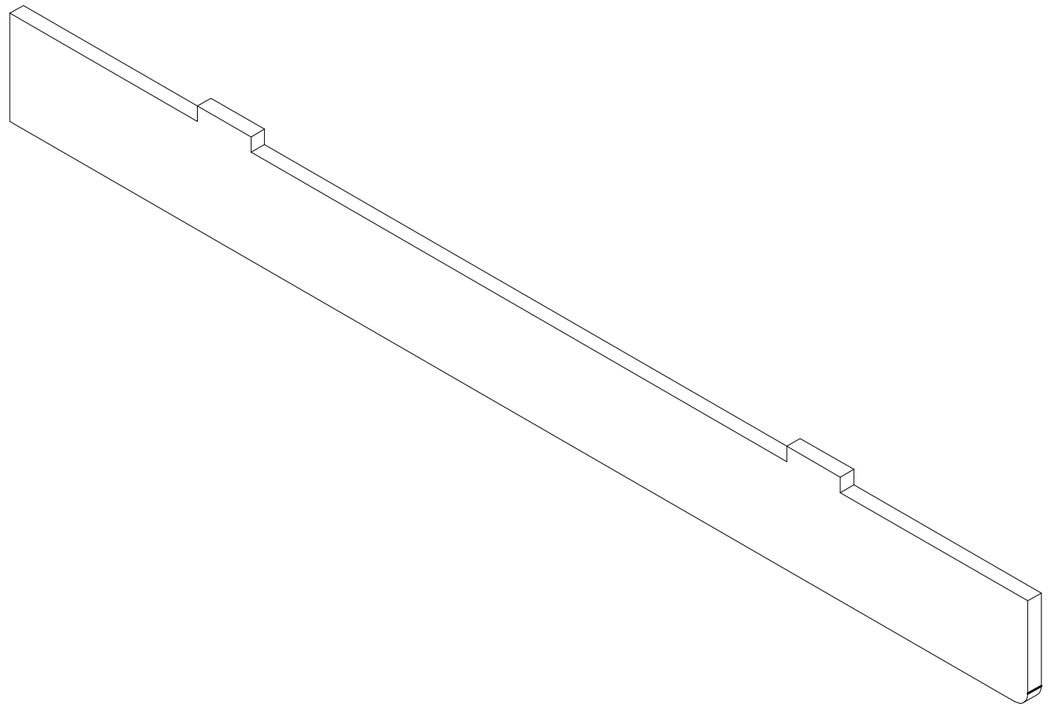
DRAWN BY: R. Dohr

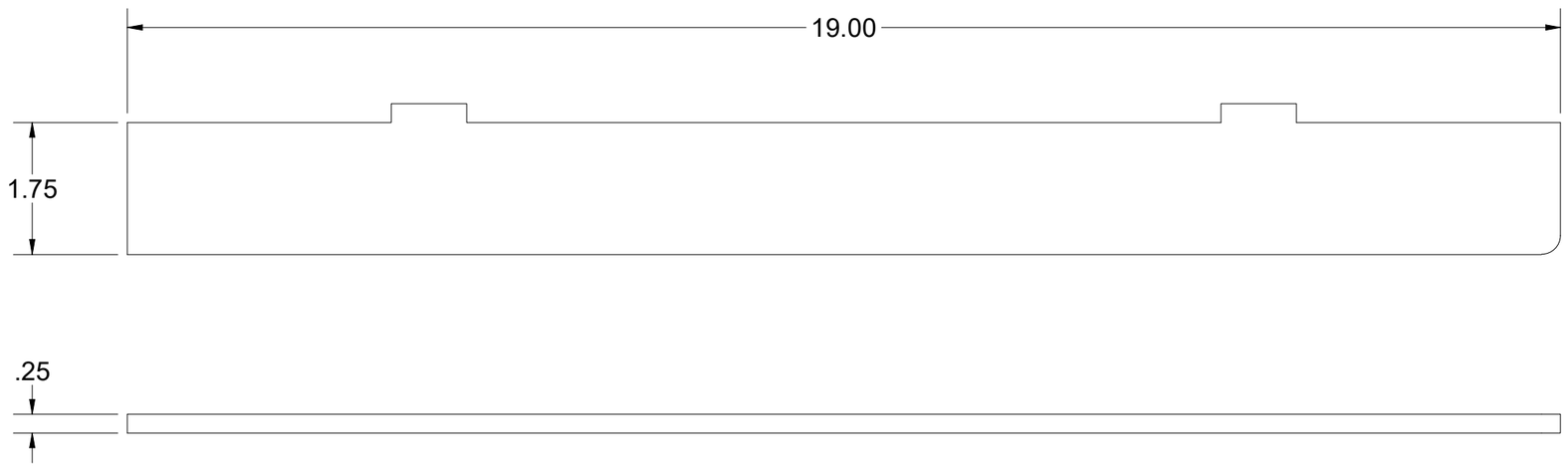
CREATED: 1/24/2019

MODIFIED: 9/11/2024

SHEET: 3 OF 7

200018826.idw





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

MATERIAL IFS: 100007844

MATERIAL THK: 0.25

MAT DESCRIPTION: SHT 304SS SM RAW .25

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NAME & DESCRIPTION: 200018872
48x21 Adjustable Weir Backing

REV: A

WEIGHT: 2.437 lbmass

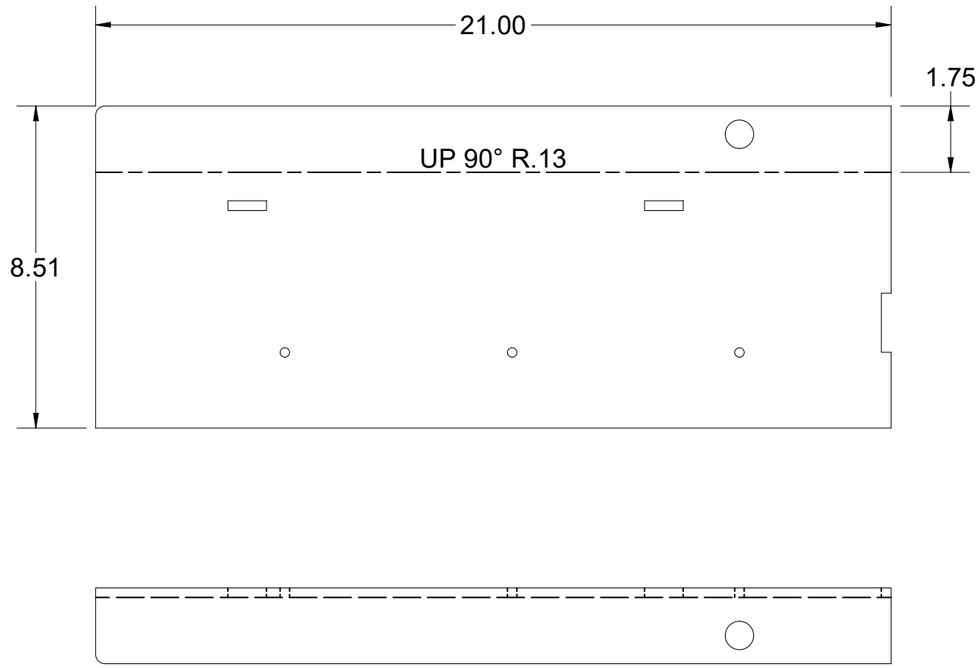
DRAWN BY: R. Dohr

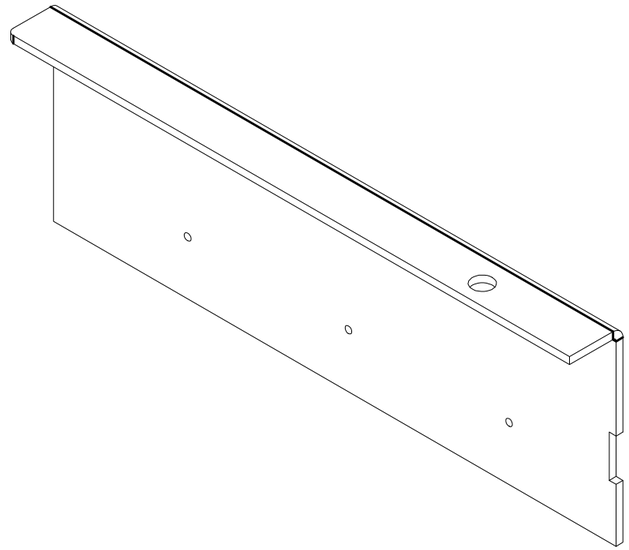
CREATED: 1/24/2019

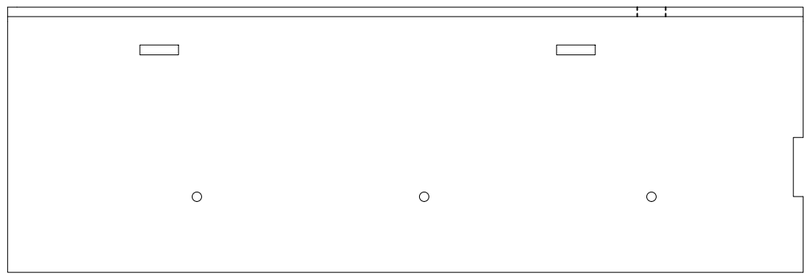
MODIFIED: 9/11/2024

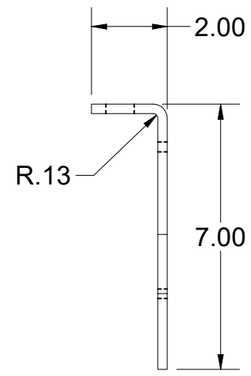
SHEET: 4 OF 7

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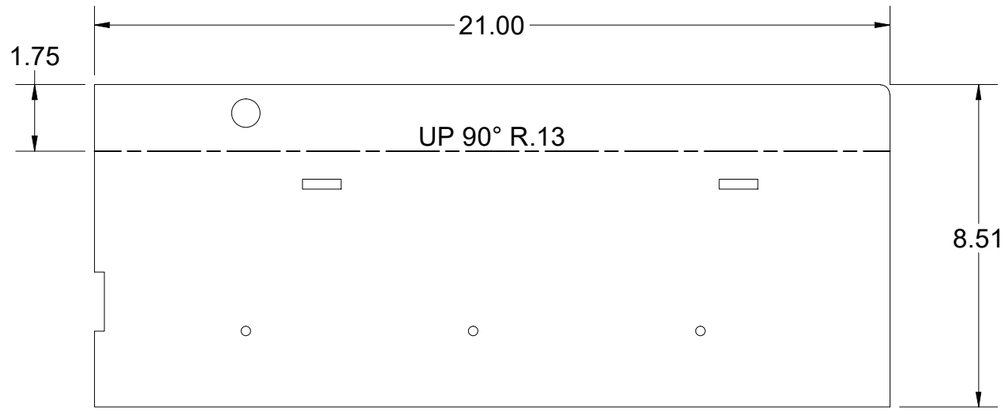
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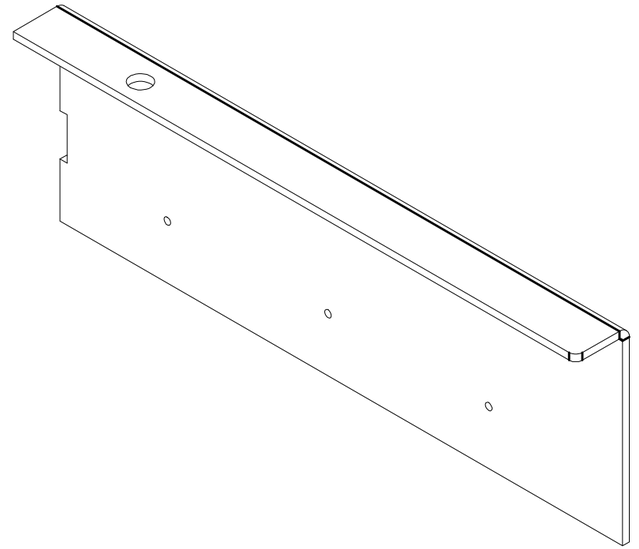
BEND TABLE				MATERIAL IFS: 100007844
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25
0.125	2	90	0.4950	MAT DESCRIPTION: SHT 304SS SM RAW .25

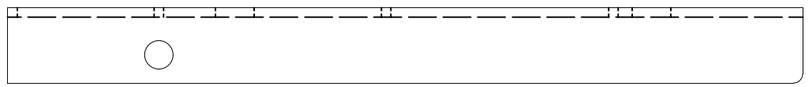
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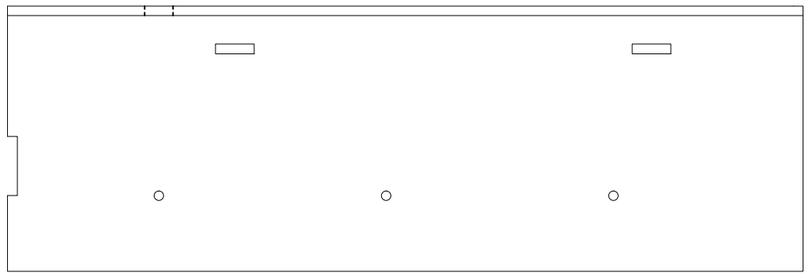
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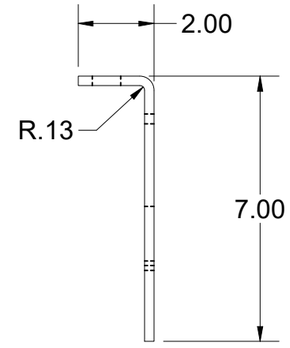
NAME & DESCRIPTION: 200018875 48x21 Adjustable Weir Angle Left		REV: A
WEIGHT: 13.002 lbmass	DRAWN BY: R. Dohr	SHEET: 5 OF 7
CREATED: 1/24/2019	MODIFIED: 9/11/2024	











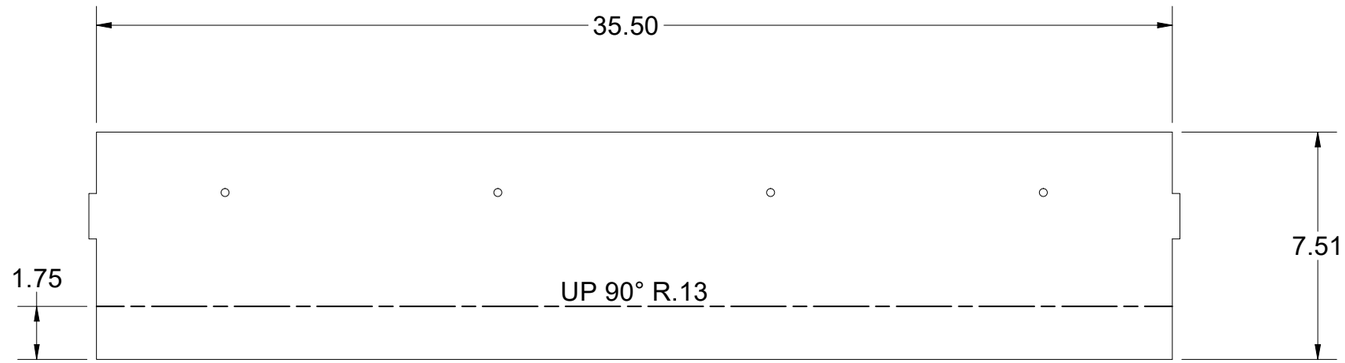
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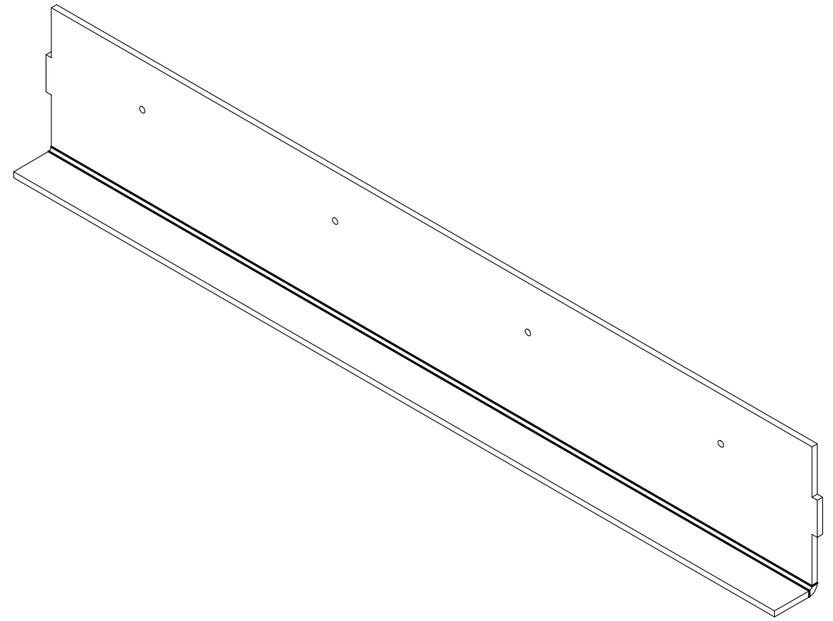
BEND TABLE				MATERIAL IFS: 100007844			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25			
0.125	2	90	0.4950	MAT DESCRIPTION: SHT 304SS SM RAW .25			

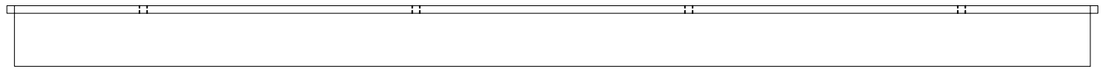
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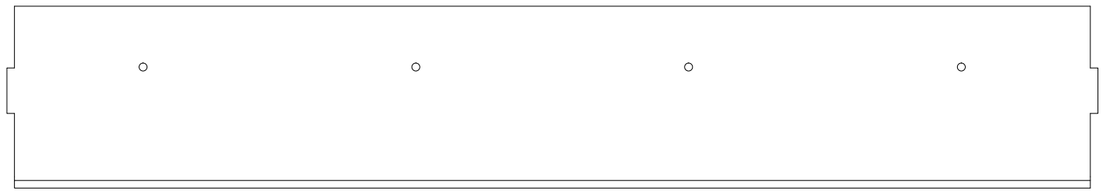
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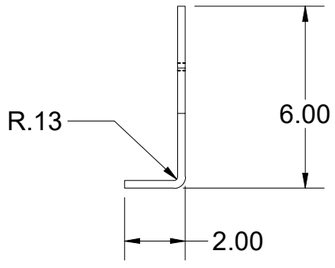
NAME & DESCRIPTION: 200018876 — 48x21 Adjustable Weir Angle Right		REV: A
WEIGHT: 13.002 lbmass	DRAWN BY: R. Dohr	SHEET: 6 OF 7
CREATED: 1/24/2019	MODIFIED: 9/11/2024	











BEND TABLE				MATERIAL IFS: 100007844
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.25
0.125	2	90	0.4950	MAT DESCRIPTION: SHT 304SS SM RAW .25

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NAME & DESCRIPTION:	200018962 36x21 Adjustable Weir Base		REV: A
WEIGHT: 19.643 lbmass		DRAWN BY: R. Dohr	SHEET: 7 OF 7
CREATED: 1/24/2019		MODIFIED: 9/11/2024	

200018826.idw