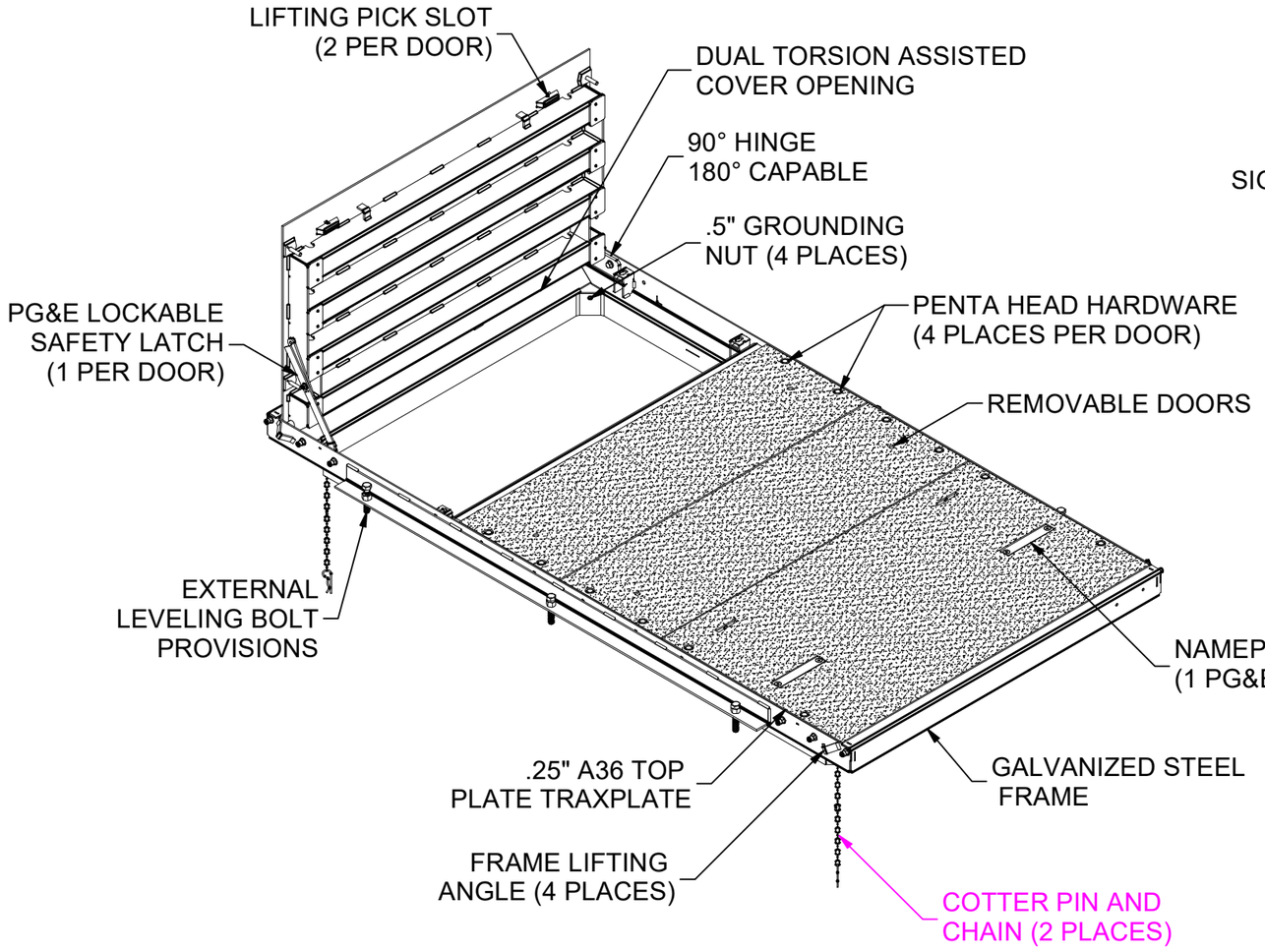
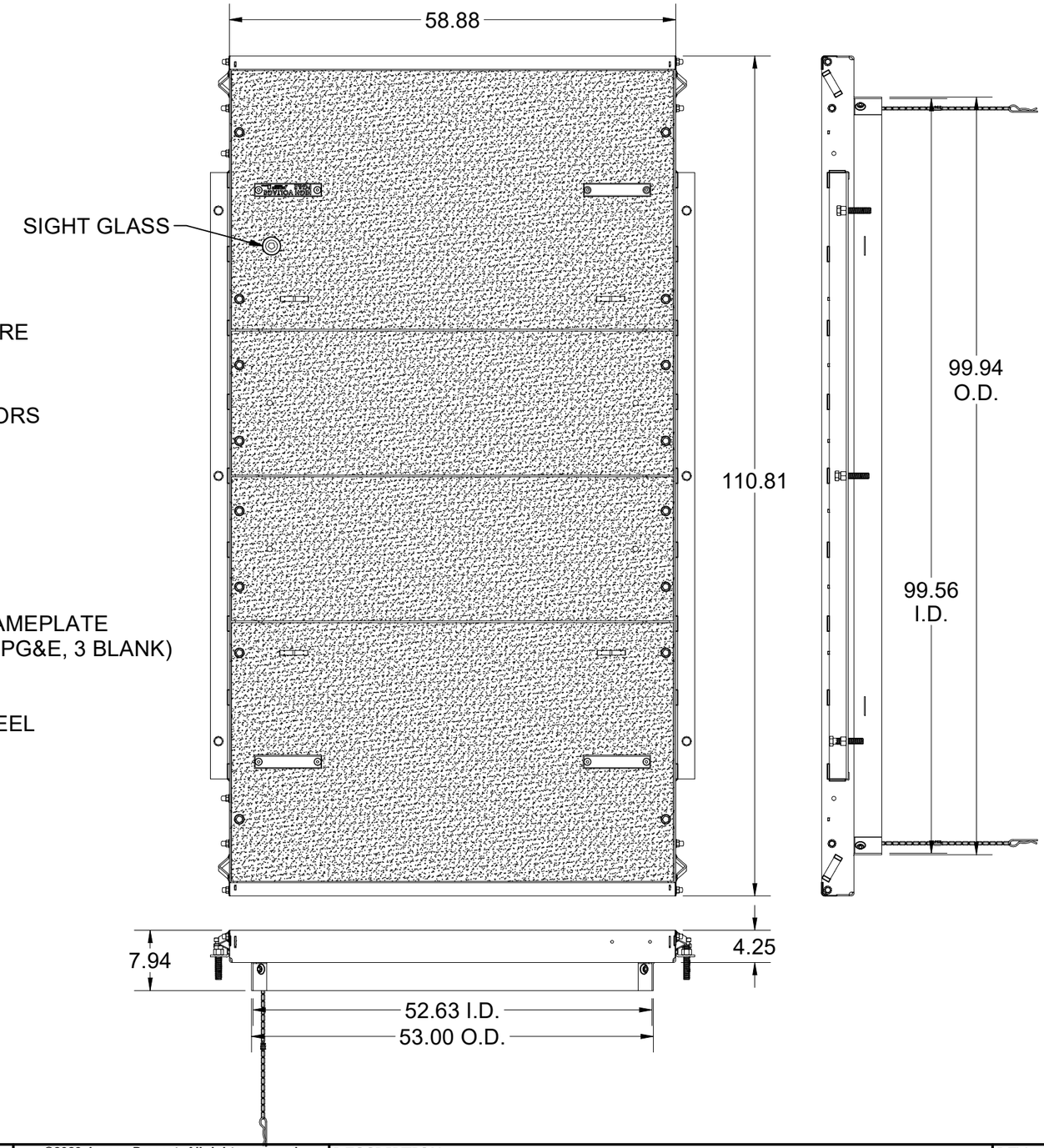




100005480_Submittal.idw

REVISION HISTORY		
REV	DESCRIPTION	DATE
A-1	INITIAL DESIGN FOR IN HOUSE TESTING	9/24/2022
B-1	TORSION RECIEVERS AND HINGES CHANGED PER SHOP. NEW CHANNEL DESIGN	10/18/2022
C-1	CHANGED FROM SPRING NUT TO SQUARE NUT BOLT TOWER CONFIGURATION	3/22/2023
D-3	UPDATED NOTES AND WELD CALLOUTS PER PG&E COMMENTS DURING TRANSFORMER TESTING; CHANGED TO 2.25" COVER BOLTS; ADDED VISUAL WELDS FOR MFG PRECISION; CORRECTED TORSION ASSIST	6/29/2023

LOADING: PG&E FVT

SURFACE:	TraxPlate™	FINISH:	Galvanized
WEIGHT:	1510.17 lbs	MARKING:	As Noted

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DESCRIPTION: CAS2-54102-AH-TRX-G-SG-GR-PG&E-OH08-SPLICE FVT

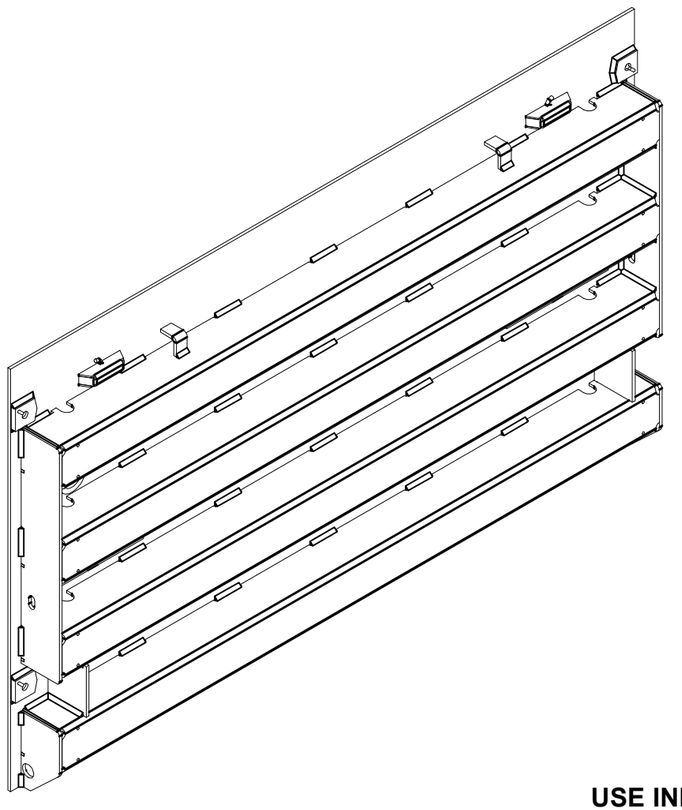
54x102 Cover Assembly (ASTM Load N/A, 2 Door, Steel, Hinged, TraxPlate™, Galvanized , Sight Glass Grounding, PG&E) OH 08 SPLICE FVT

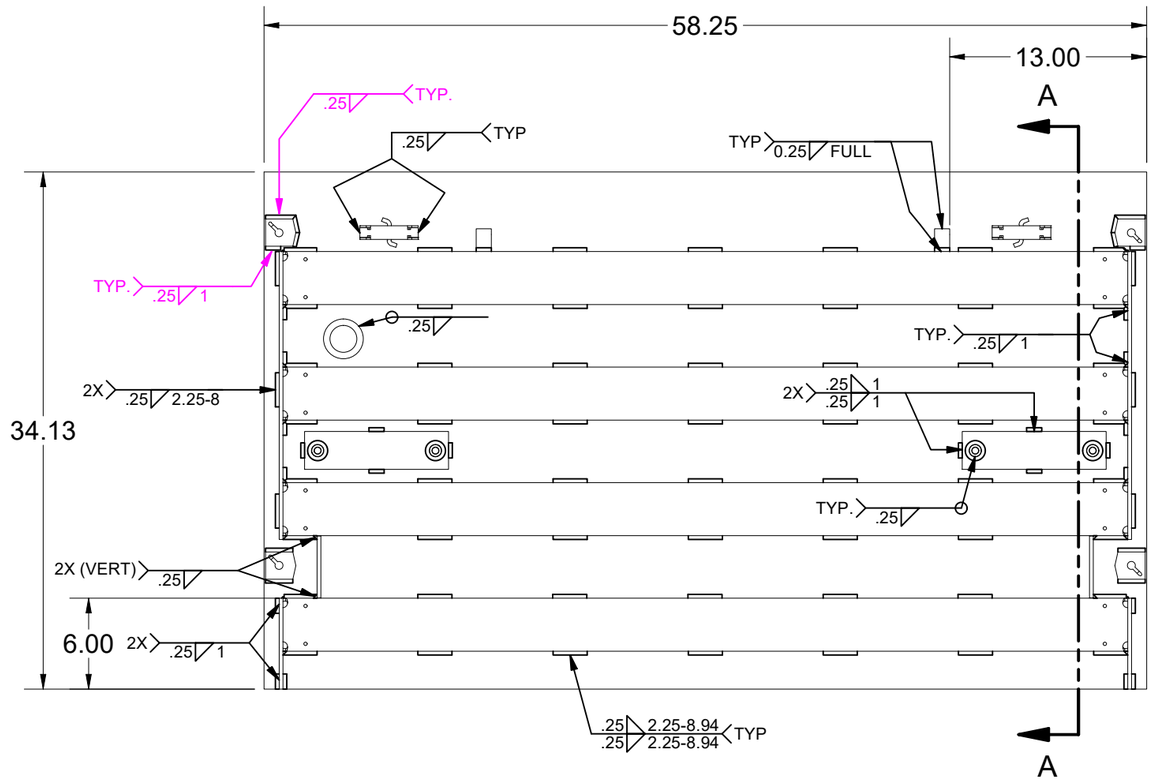
PART NUMBER:	100005480	DRAWN BY:	A.Billett
CREATED:	5/1/2018	MODIFIED:	6/29/2023

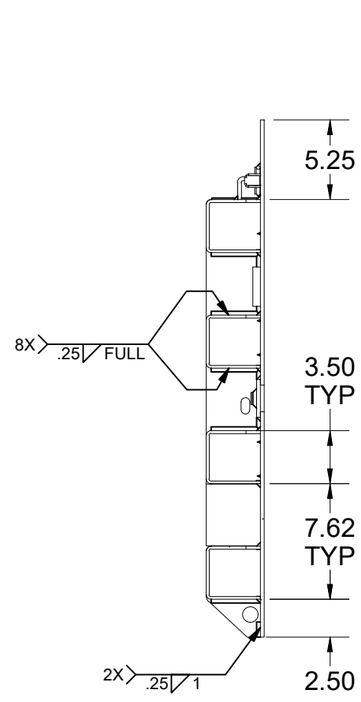
REV: D-3

SHEET: 1

DESIGN NOTES
- TOP PLATE: ASTM A36
- BOTTOM CHANNEL: ASTM A36
- BEARING BAR: ASTM A36
- WELD: GRADE E70
- UNLESS SPECIFIED, WELD LENGTHS ARE FULL LENGTH

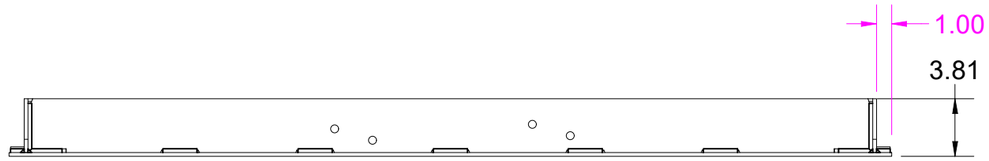






SECTION A-A

USE INDICATOR NOTCHES FOR HOLDING WELD PATTERNS



REVISION HISTORY		
REV	DESCRIPTION	DATE
A-1	INITIAL DESIGN FOR IN HOUSE TESTING	9/24/2022
B-1	TORSION RECIEVERS AND HINGES CHANGED PER SHOP. NEW CHANNEL DESIGN	10/18/2022
C-1	CHANGED FROM SPRING NUT TO SQUARE NUT BOLT TOWER CONFIGURATION	3/22/2023
D-3	UPDATED NOTES AND WELD CALLOUTS PER PG&E COMMENTS DURING TRANSFORMER TESTING; CHANGED TO 2.25" COVER BOLTS; ADDED VISUAL WELDS FOR MFG PRECISION; CORRECTED TORSION ASSIST	6/29/2023

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: TraxPlate™

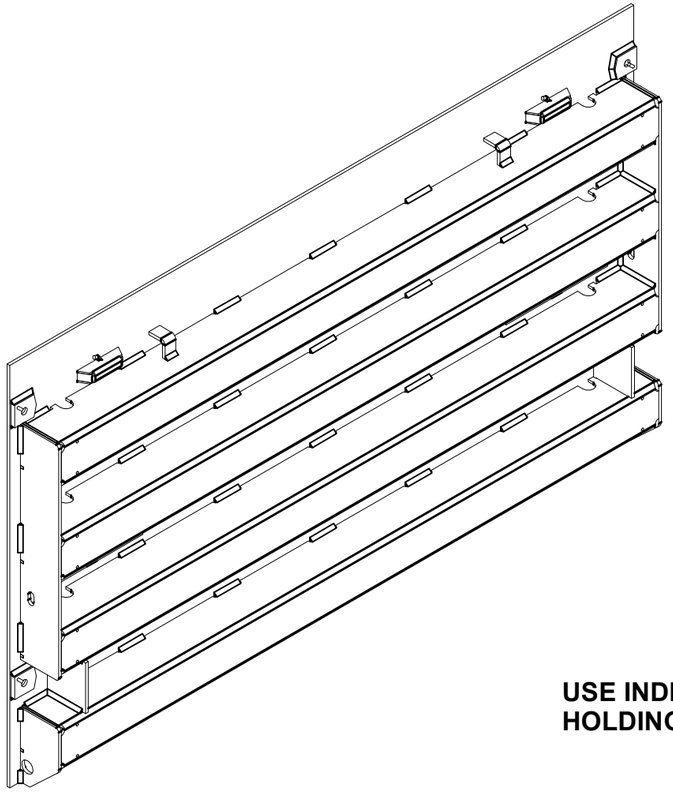
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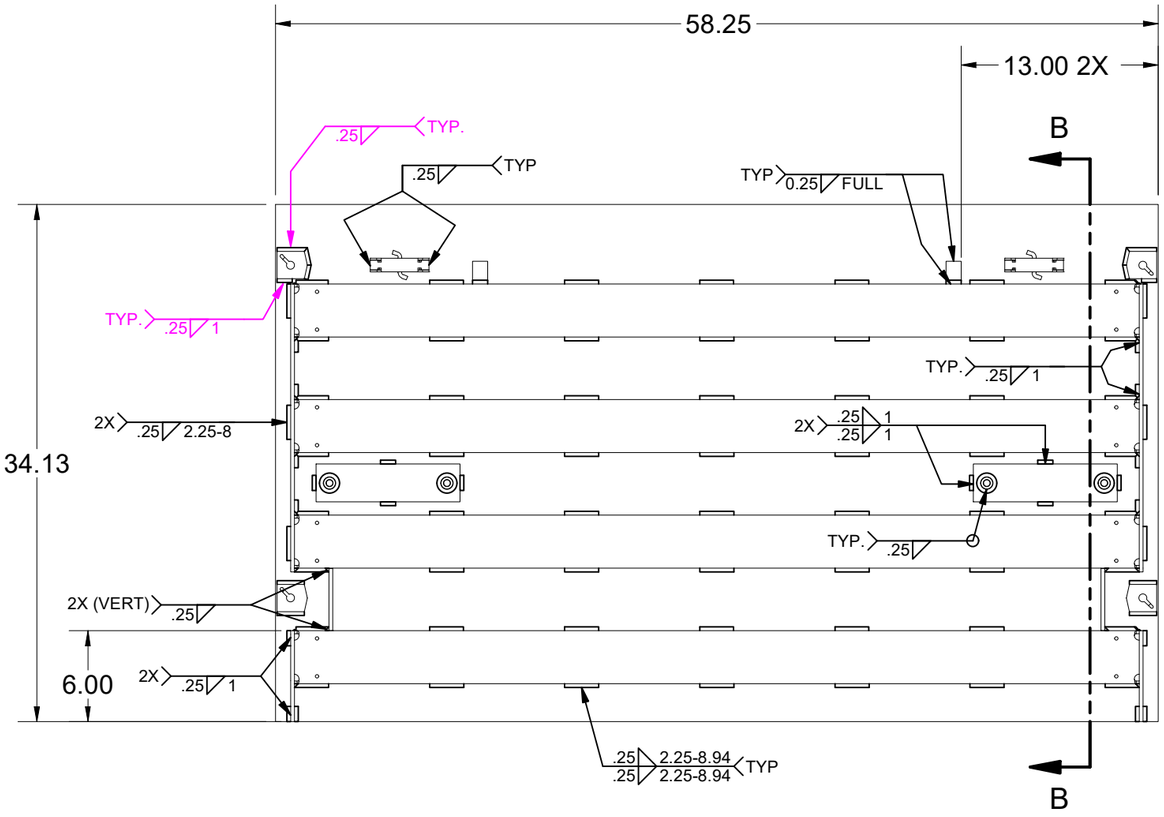
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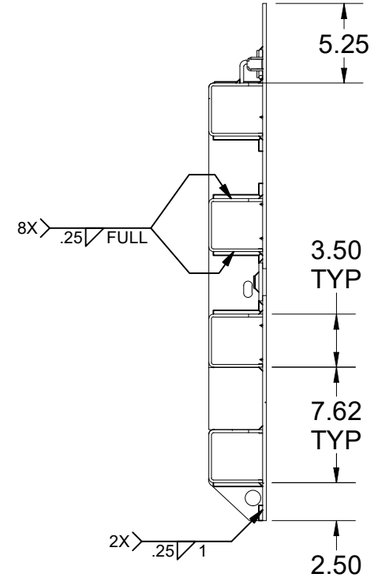
PART NUMBER & DESCRIPTION:	200068621 DAS2-T-54102-H-TRX-G-CL-SG-PG&E-SPLICE FVT		REV: D-3
WEIGHT:	278.58 Lbs	DRAWN BY: A.Billett	SHEET: 2
CREATED:	5/1/2018	MODIFIED: 6/29/2023	

100005480_Submittal.idw

DESIGN NOTES
- TOP PLATE: ASTM A36
- BOTTOM CHANNEL: ASTM A36
- BEARING BAR: ASTM A36
- WELD: GRADE E70
- UNLESS SPECIFIED, WELD LENGTHS ARE FULL LENGTH

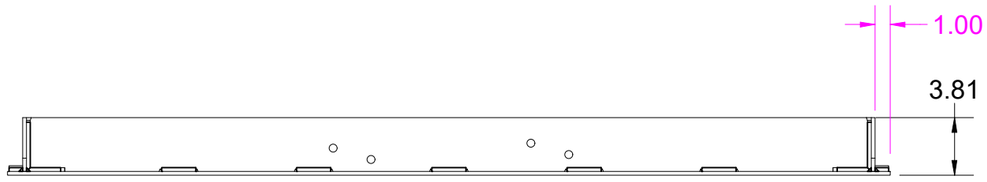






SECTION B-B

USE INDICATOR NOTCHES FOR HOLDING WELD PATTERNS



REVISION HISTORY		
REV	DESCRIPTION	DATE
A-1	INITIAL DESIGN FOR IN HOUSE TESTING	9/24/2022
B-1	TORSION RECIEVERS AND HINGES CHANGED PER SHOP. NEW CHANNEL DESIGN	10/18/2022
C-1	CHANGED FROM SPRING NUT TO SQUARE NUT BOLT TOWER CONFIGURATION	3/22/2023
D-3	UPDATED NOTES AND WELD CALLOUTS PER PG&E COMMENTS DURING TRANSFORMER TESTING; CHANGED TO 2.25" COVER BOLTS; ADDED VISUAL WELDS FOR MFG PRECISION; CORRECTED TORSION ASSIST	6/29/2023

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: TraxPlate™

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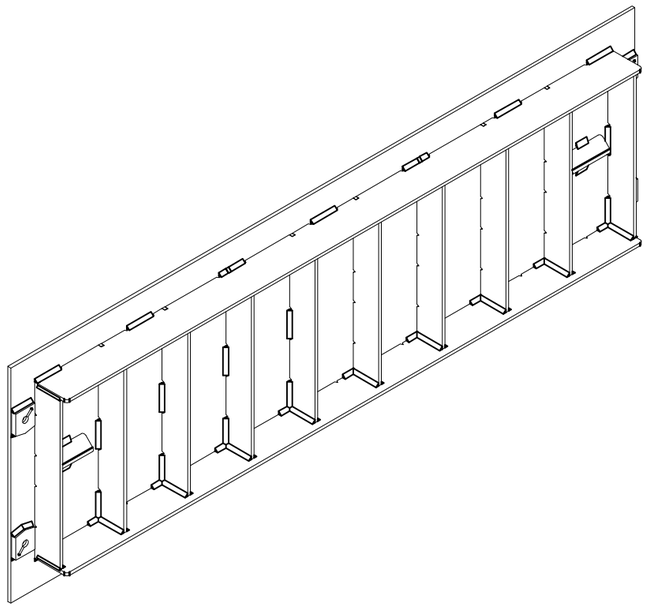
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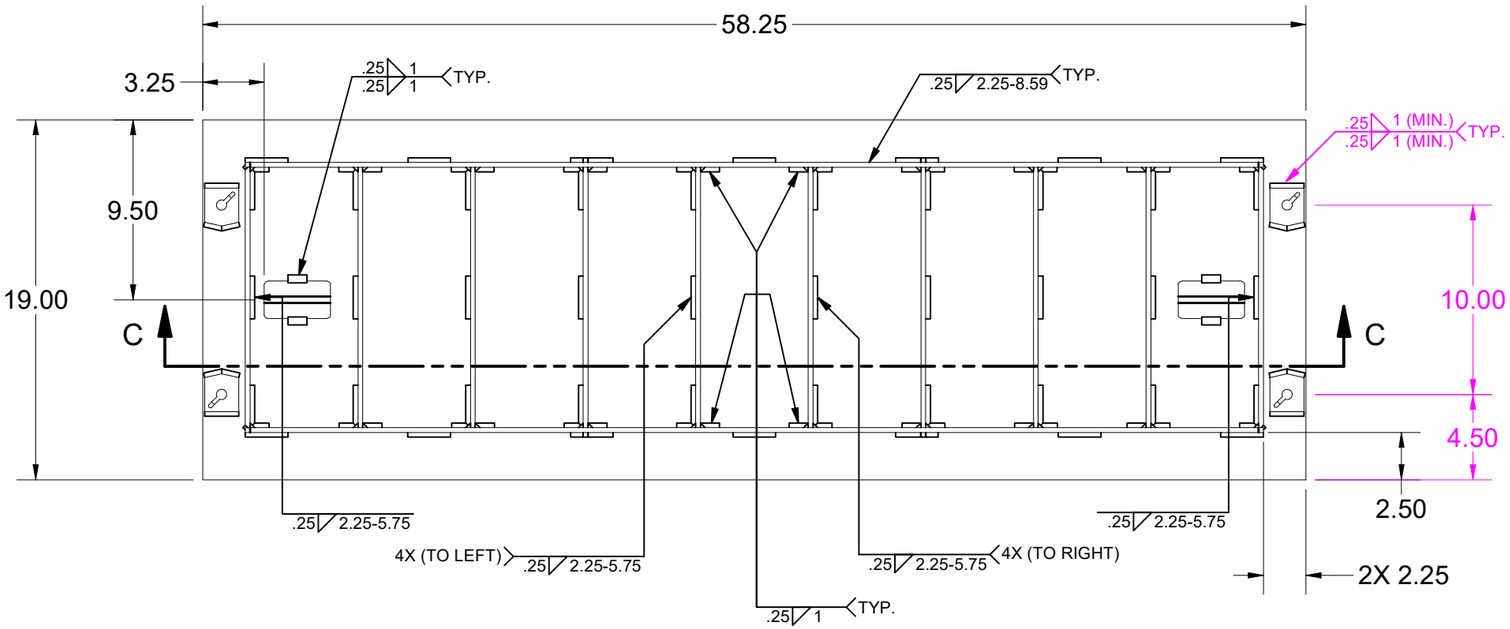
PART NUMBER & DESCRIPTION: 200068615 DAS2-T-54102-H-TRX-G-BD-PG&E-SPLICE			REV: D-3
WEIGHT: 278.44 Lbs		DRAWN BY: A.Billett	SHEET: 3
CREATED: 5/1/2018		MODIFIED: 6/29/2023	

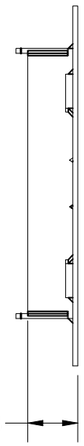
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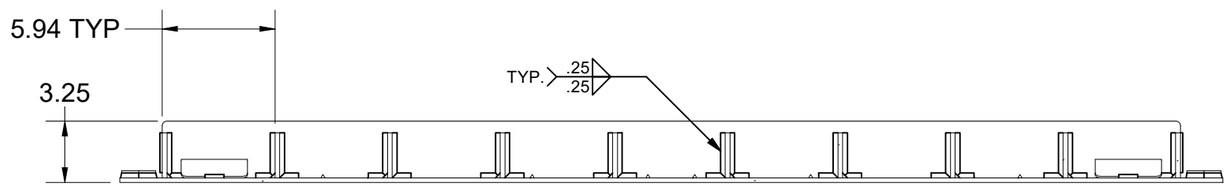
DESIGN NOTES
- TOP PLATE: ASTM A36
- STIFFENER PLATE: ASTM A36
- BEARING BAR: ASTM A36
- WELD: GRADE E70
- UNLESS SPECIFIED, WELD LENGTHS ARE FULL LENGTH

USE INDICATOR NOTCHES FOR HOLDING WELD PATTERNS









SECTION C-C
SCALE 1 / 8

REVISION HISTORY		
REV	DESCRIPTION	DATE
A-1	INITIAL DESIGN FOR IN HOUSE TESTING	9/24/2022
B-1	TORSION RECIEVERS AND HINGES CHANGED PER SHOP. NEW CHANNEL DESIGN	10/18/2022
C-1	CHANGED FROM SPRING NUT TO SQUARE NUT BOLT TOWER CONFIGURATION	3/22/2023
D-3	UPDATED NOTES AND WELD CALLOUTS PER PG&E COMMENTS DURING TRANSFORMER TESTING; CHANGED TO 2.25" COVER BOLTS; ADDED VISUAL WELDS FOR MFG PRECISION; CORRECTED TORSION ASSIST	6/29/2023

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: TraxPlate™

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PART NUMBER & DESCRIPTION: 200068644 DAS1-T-54102-D-TRX-G-BD-PG&E-SPLICE FVT

REV: D-3

WEIGHT: 127.9 Lbs

DRAWN BY: A.Billett

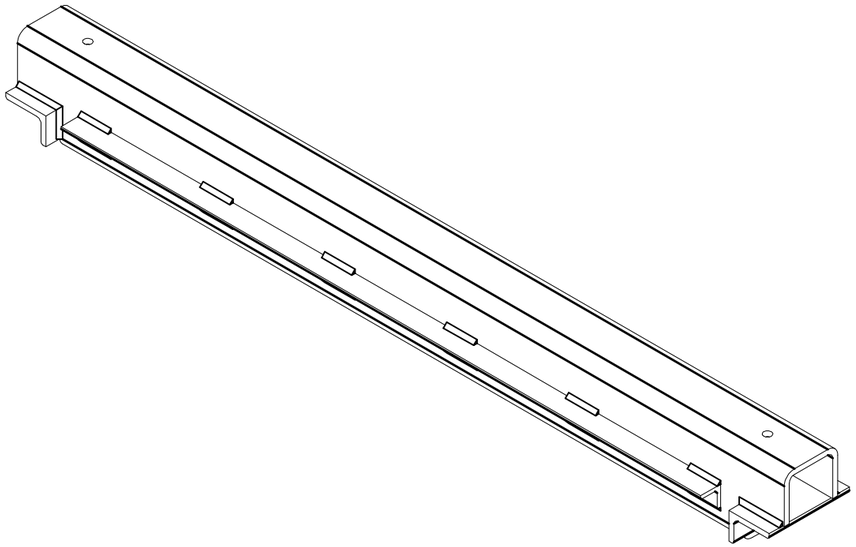
CREATED: 5/1/2018

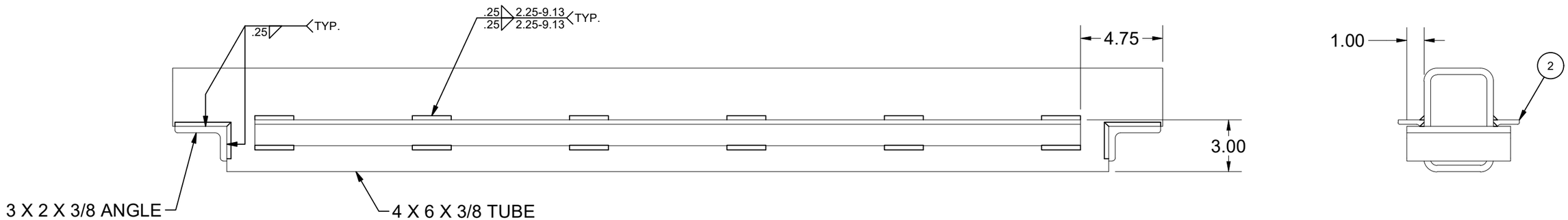
MODIFIED: 6/29/2023

SHEET: 4

100005480_Submittal.idw

DESIGN NOTES
- HSS TUBING: ASTM A500 GRADE B
- ANGLES: ASTM A36
- WELD: GRADE E70
- UNLESS SPECIFIED, WELD LENGTHS ARE FULL LENGTH





REVISION HISTORY		
REV	DESCRIPTION	DATE
A-1	INITIAL DESIGN FOR IN HOUSE TESTING	9/24/2022
B-1	TORSION RECIEVERS AND HINGES CHANGED PER SHOP. NEW CHANNEL DESIGN	10/18/2022
C-1	CHANGED FROM SPRING NUT TO SQUARE NUT BOLT TOWER CONFIGURATION	3/22/2023
D-3	UPDATED NOTES AND WELD CALLOUTS PER PG&E COMMENTS DURING TRANSFORMER TESTING; CHANGED TO 2.25" COVER BOLTS; ADDED VISUAL WELDS FOR MFG PRECISION; CORRECTED TORSION ASSIST	6/29/2023

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: Smooth

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PART NUMBER & DESCRIPTION: 200076144 Support Beam 57.25in W Beam 54102 PG&E FVT

REV: D-3

WEIGHT: 126.64 Lbs

DRAWN BY: A.Billett

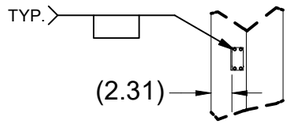
CREATED: 5/1/2018

MODIFIED: 6/29/2023

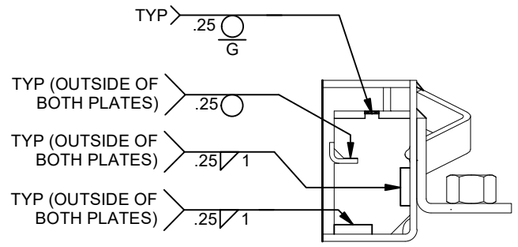
SHEET: 5

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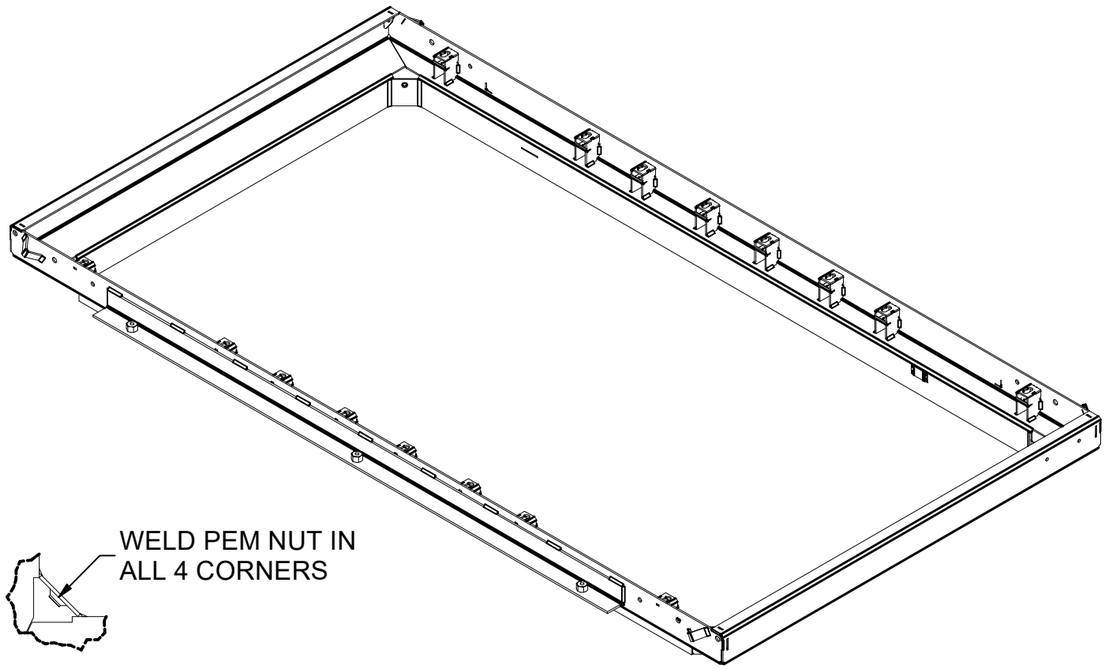
DESIGN NOTES
- FRAME SIDE & END: ASTM A36
- WELD: GRADE E70
- UNLESS SPECIFIED, WELD LENGTHS ARE FULL LENGTH



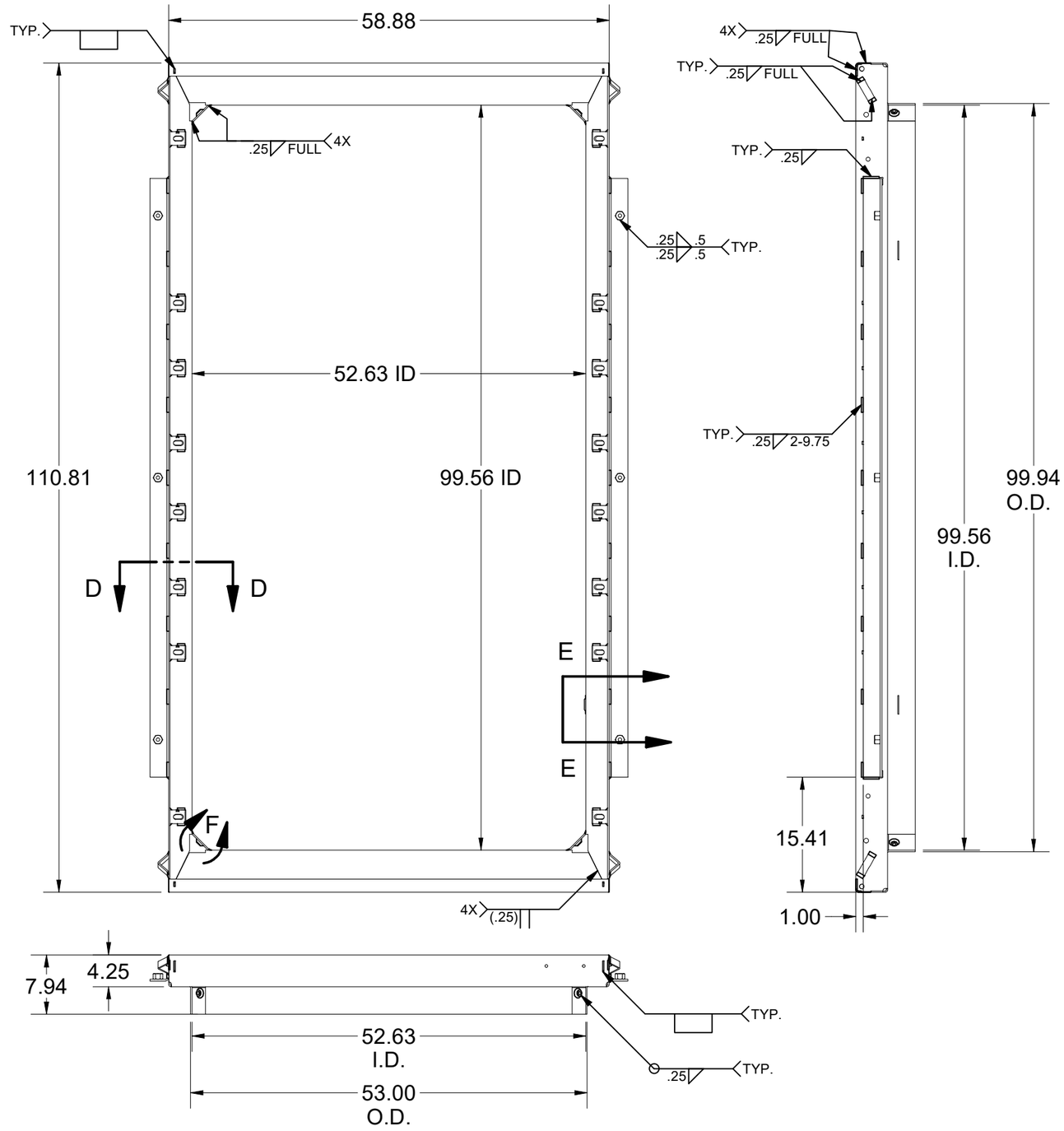
SECTION E-E



SECTION D-D



DETAIL F



REVISION HISTORY		
REV	DESCRIPTION	DATE
A-1	INITIAL DESIGN FOR IN HOUSE TESTING	9/24/2022
B-1	TORSION RECIEVERS AND HINGES CHANGED PER SHOP. NEW CHANNEL DESIGN	10/18/2022
C-1	CHANGED FROM SPRING NUT TO SQUARE NUT BOLT TOWER CONFIGURATION	3/22/2023
D-3	UPDATED NOTES AND WELD CALLOUTS PER PG&E COMMENTS DURING TRANSFORMER TESTING; CHANGED TO 2.25" COVER BOLTS; ADDED VISUAL WELDS FOR MFG PRECISION; CORRECTED TORSION ASSIST	6/29/2023

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: Smooth

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PART NUMBER & DESCRIPTION:	200068623 FAS-54102-AH-G-SG-PG&E-OH08-SPLICE FVT		REV: D-3
WEIGHT:	275.59 Lbs	DRAWN BY: A.Billett	SHEET: 6
CREATED:	5/1/2018	MODIFIED: 6/29/2023	

100005480_Submittal.idw