

BAFFLE ASSEMBLY

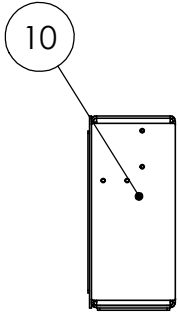
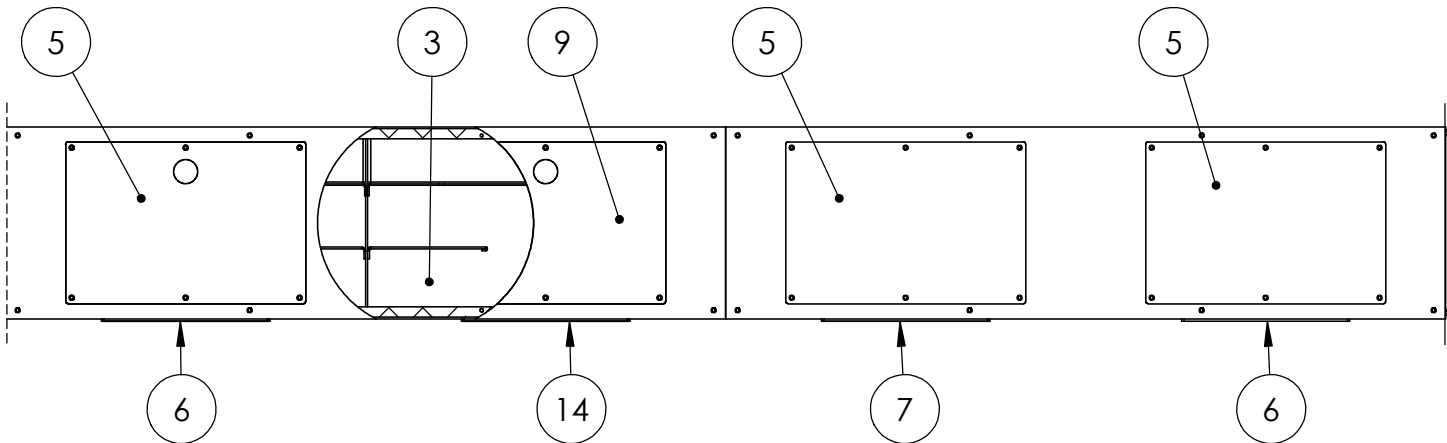
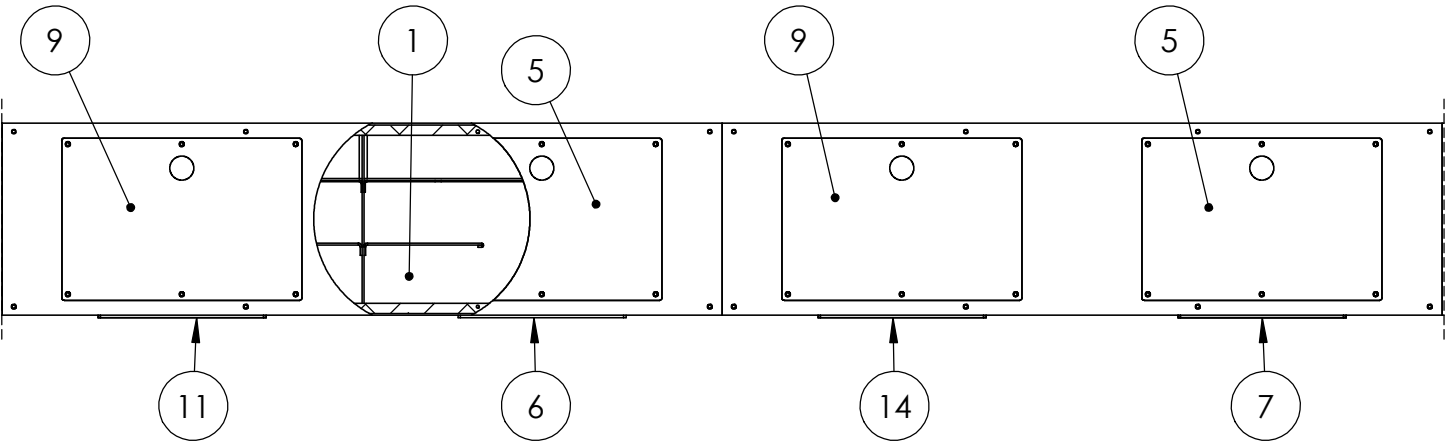
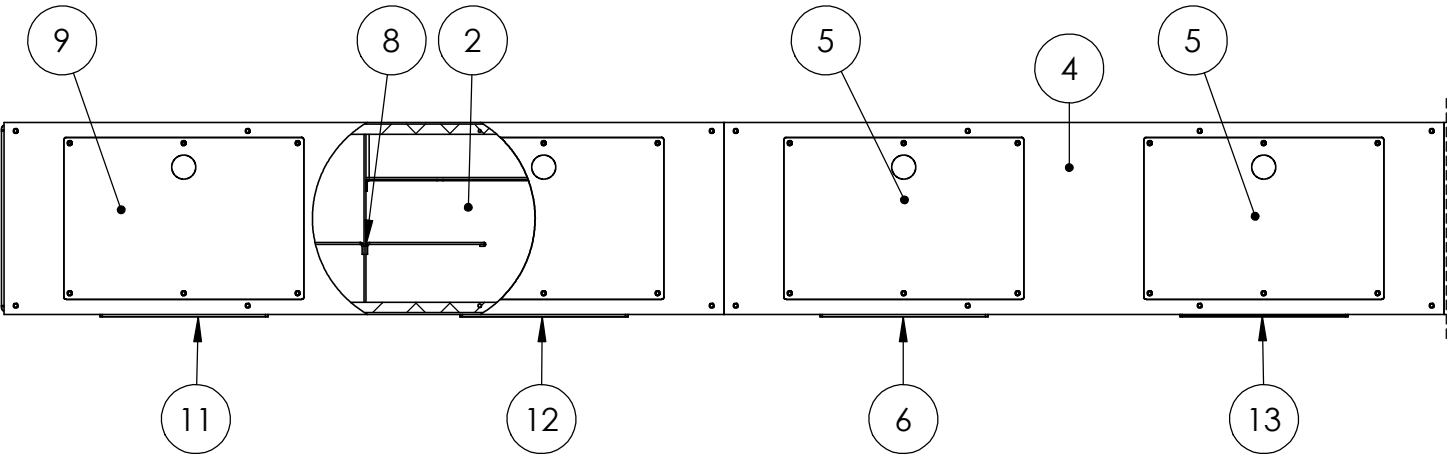
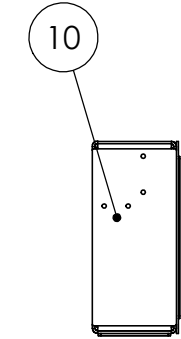
DOWNSTREAM SECTION

MIDDLE SECTION

UPSTREAM SECTION

BILL OF MATERIALS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Back Section Middle	10 Gauge 6061 Alloy Sheet	1
2	Back Section Downstream	10 Gauge 6061 Alloy Sheet	1
3	Back Section Upstream	10 Gauge 6061 Alloy Sheet	1
4	Front Facade	12 Gauge 6061 Alloy Sheet	6
5	Face Plate Blank	14 Gauge 6061 Alloy Sheet	12
6	Face Plate Lower Blank	10 Gauge 6061 Alloy Sheet	12
7	Face Plate Lower 16	10 Gauge 6061 Alloy Sheet	4
8	Baffle Assem		11
9	Face Plate RJ45	14 Gauge 6061 Alloy Sheet	10
10	End Cap	10 Gauge 6061 Alloy Sheet	2
11	Face Plate Lower 10	10 Gauge 6061 Alloy Sheet	5
12	Face Plate Lower 6	10 Gauge 6061 Alloy Sheet	1
13	Face Plate Lower Puller	14 Gauge 6061 Alloy Sheet	1
14	Face Plate Lower 3	10 Gauge 6061 Alloy Sheet	4



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AND COMPOSITE CENTER IS PROHIBITED.

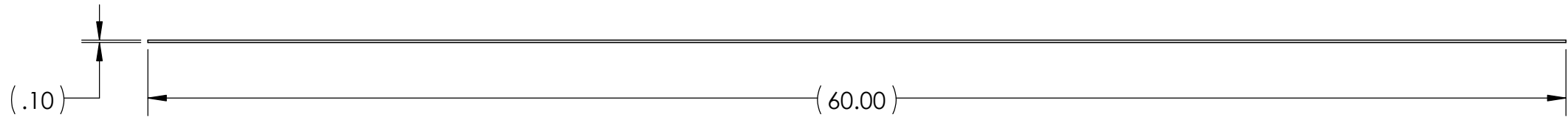
	NAME	DATE
DRAWN	ECMV	3/12/2025
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

COMMENTS:

TITLE:
Baffle Assembly

SIZE DWG. NO. REV
Baffle Assembly, BOM-

SCALE: 1:50 SHEET 1 OF 21



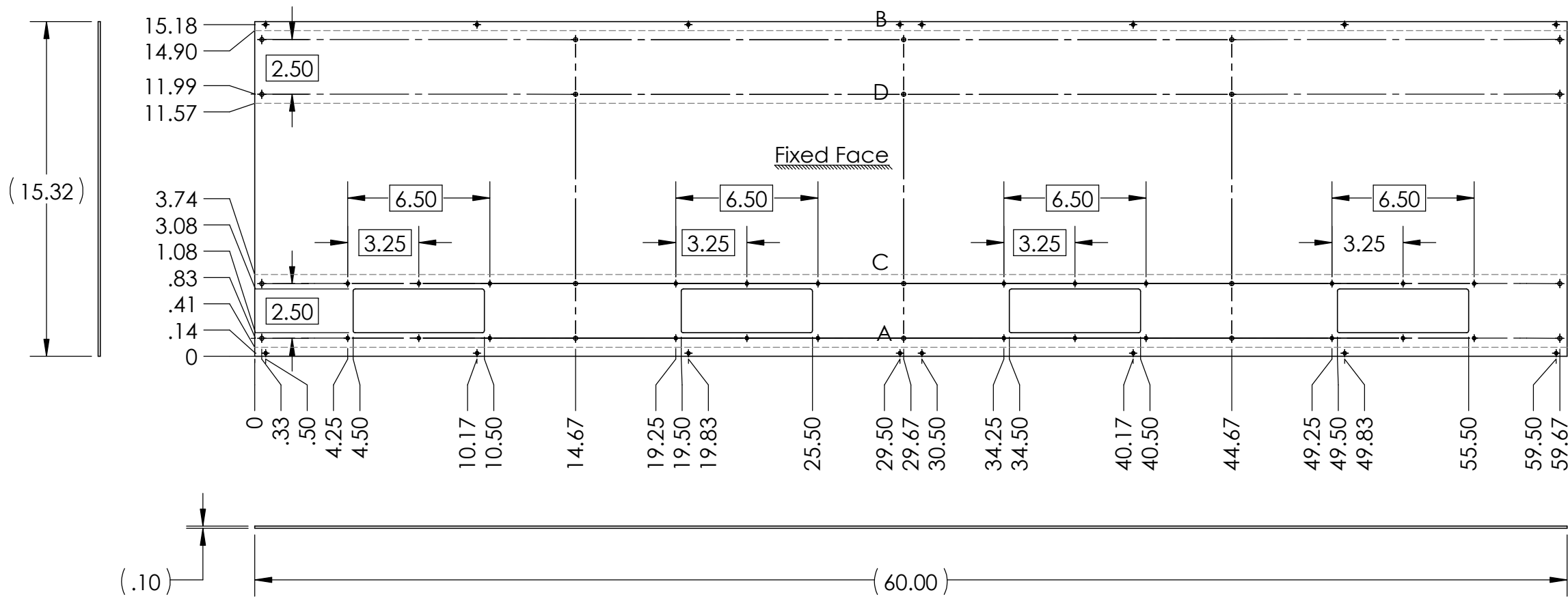
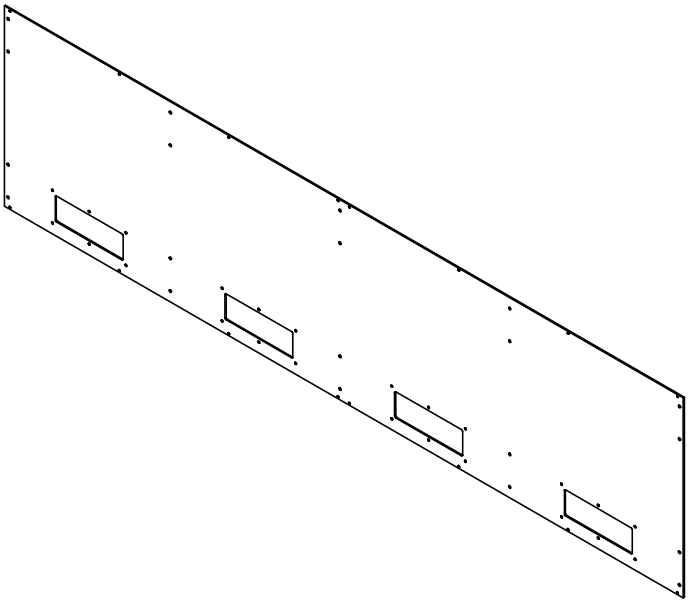
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A	DOWN	90°	0.12
B	DOWN	90°	0.12
C	DOWN	90°	0.12
D	DOWN	90°	0.12

Tag	Direction	Angle	Inner Radius
A	DOWN	90°	0.12
B	DOWN	90°	0.12
C	DOWN	90°	0.12
D	DOWN	90°	0.12

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SIZE	DWG. NO.	REV
B	Back Section Middle,	Flat
SCALE: 1:6	SHEET 2 OF 21	

BACK SECTION, DOWNSTREAM



BEND TABLE

Tag	Direction	Angle	Inner Radius
A	DOWN	90°	0.12
B	DOWN	90°	0.12
C	DOWN	90°	0.12
D	DOWN	90°	0.12

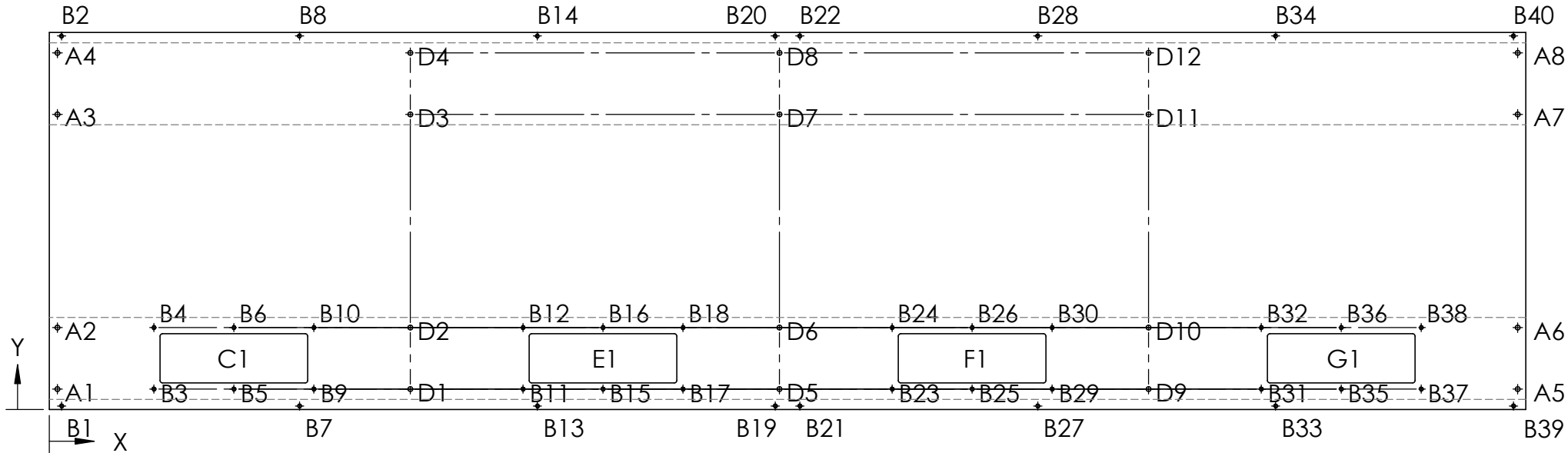
	NAME	DATE	TITLE: Back Section Downstream		
DRAWN	ECMV	3/12/2025			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			SIZE DWG. NO. REV Back Section Downstream, Fl		
COMMENTS:					
			SCALE: 1:6		SHEET 4 OF 21

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HOLE TABLE							
TAG	X LOC	Y LOC	SIZE	TAG	X LOC	Y LOC	SIZE
A1	.33	.83	Ø .19 THRU	B24	34.25	3.33	Ø .14 THRU 8-32 UNC THRU
A2	.33	3.33	Ø .19 THRU				
A3	.33	11.99	Ø .19 THRU				
A4	.33	14.49	Ø .19 THRU				
A5	59.67	.83	Ø .19 THRU				
A6	59.67	3.33	Ø .19 THRU				
A7	59.67	11.99	Ø .19 THRU				
A8	59.67	14.49	Ø .19 THRU				
B1	.50	.14	Ø .14 THRU 8-32 UNC THRU	B29	40.75	.83	Ø .14 THRU 8-32 UNC THRU
B2	.50	15.18	Ø .14 THRU 8-32 UNC THRU	B30	40.75	3.33	Ø .14 THRU 8-32 UNC THRU
B3	4.25	.83	Ø .14 THRU 8-32 UNC THRU	B31	49.25	.83	Ø .14 THRU 8-32 UNC THRU
B4	4.25	3.33	Ø .14 THRU 8-32 UNC THRU	B32	49.25	3.33	Ø .14 THRU 8-32 UNC THRU
B5	7.50	.83	Ø .14 THRU 8-32 UNC THRU	B33	49.83	.14	Ø .14 THRU 8-32 UNC THRU
B6	7.50	3.33	Ø .14 THRU 8-32 UNC THRU	B34	49.83	15.18	Ø .14 THRU 8-32 UNC THRU
B7	10.17	.14	Ø .14 THRU 8-32 UNC THRU	B35	52.50	.83	Ø .14 THRU 8-32 UNC THRU
B8	10.17	15.18	Ø .14 THRU 8-32 UNC THRU	B36	52.50	3.33	Ø .14 THRU 8-32 UNC THRU
B9	10.75	.83	Ø .14 THRU 8-32 UNC THRU	B37	55.75	.83	Ø .14 THRU 8-32 UNC THRU
B10	10.75	3.33	Ø .14 THRU 8-32 UNC THRU	B38	55.75	3.33	Ø .14 THRU 8-32 UNC THRU
B11	19.25	.83	Ø .14 THRU 8-32 UNC THRU	B39	59.50	.14	Ø .14 THRU 8-32 UNC THRU
B12	19.25	3.33	Ø .14 THRU 8-32 UNC THRU	B40	59.50	15.18	Ø .14 THRU 8-32 UNC THRU
B13	19.83	.14	Ø .14 THRU 8-32 UNC THRU	C1	7.50	2.08	
B14	19.83	15.18	Ø .14 THRU 8-32 UNC THRU	D1	14.67	.83	Ø .19 THRU ALL
				D2	14.67	3.33	Ø .19 THRU ALL
				D3	14.67	11.99	Ø .19 THRU ALL
B15	22.50	.83	Ø .14 THRU 8-32 UNC THRU	D4	14.67	14.49	Ø .19 THRU ALL
B16	22.50	3.33	Ø .14 THRU 8-32 UNC THRU	D5	29.67	.83	Ø .19 THRU ALL
				D6	29.67	3.33	Ø .19 THRU ALL
B17	25.75	.83	Ø .14 THRU 8-32 UNC THRU	D7	29.67	11.99	Ø .19 THRU ALL
B18	25.75	3.33	Ø .14 THRU 8-32 UNC THRU	D8	29.67	14.49	Ø .19 THRU ALL
				D9	44.67	.83	Ø .19 THRU ALL
B19	29.50	.14	Ø .14 THRU 8-32 UNC THRU	D10	44.67	3.33	Ø .19 THRU ALL
B20	29.50	15.18	Ø .14 THRU 8-32 UNC THRU	D11	44.67	11.99	Ø .19 THRU ALL
				D12	44.67	14.49	Ø .19 THRU ALL
B21	30.50	.14	Ø .14 THRU 8-32 UNC THRU	E1	22.50	2.08	
B22	30.50	15.18	Ø .14 THRU 8-32 UNC THRU	F1	37.50	2.08	
				G1	52.50	2.08	
B23	34.25	.83	Ø .14 THRU 8-32 UNC THRU				

BACK SECTION, DOWNSTREAM
HOLE TABLE

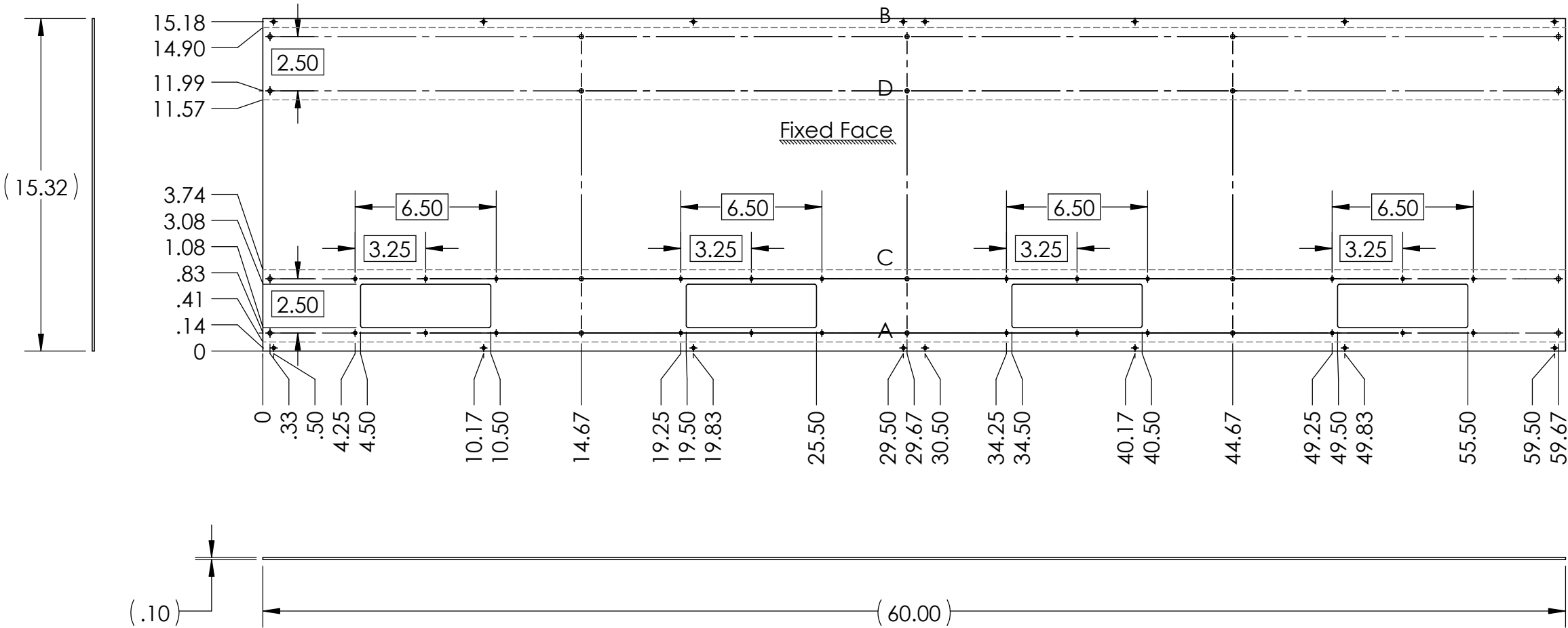
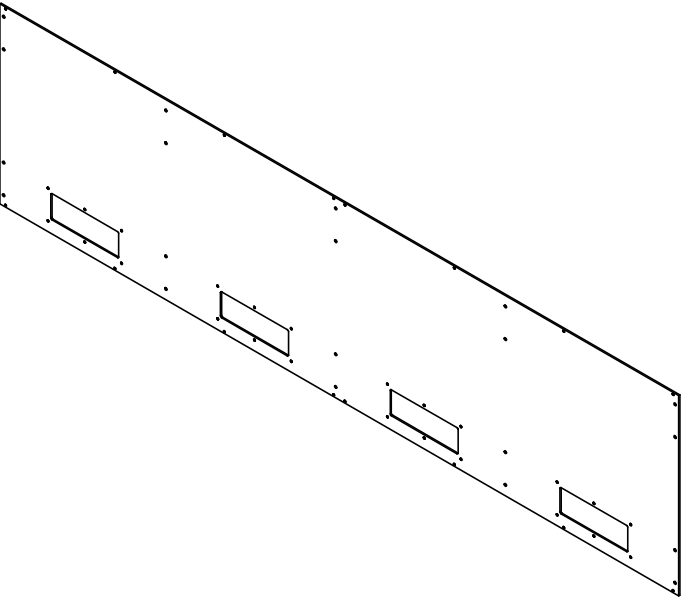


	NAME	DATE	TITLE: Back Section Downstream, Hole Table	
DRAWN	ECMV	3/12/2025		
CHECKED				
ENG APPR.				
MFG APPR.				
Q.A.			SIZE B	
COMMENTS:				
		DWG. NO. BSD, Hole Table		REV -
SCALE: 1:6				SHEET 5 OF 21

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BACK SECTION, UPSTREAM



BEND TABLE

Tag	Direction	Angle	Inner Radius
A	DOWN	90°	0.12
B	DOWN	90°	0.12
C	DOWN	90°	0.12
D	DOWN	90°	0.12

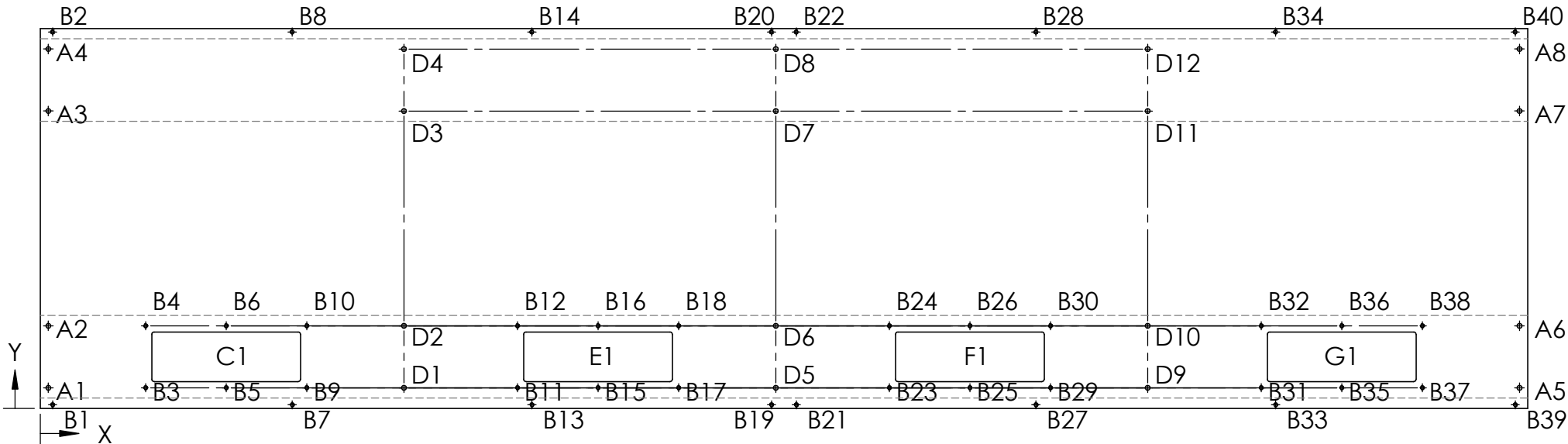
	NAME	DATE	TITLE: Back Section Upstream		
DRAWN	ECMV	3/12/2025			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			REV		
COMMENTS:					
SIZE		DWG. NO.		REV	
Back		Section Upstream, Flat			
SCALE: 1:6				SHEET 6 OF 21	

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HOLE TABLE

TAG	X LOC	Y LOC	SIZE	TAG	X LOC	Y LOC	SIZE
A1	.33	.83	∅ .19 THRU	B24	34.25	3.33	∅ .14 THRU 8-32 UNC THRU
A2	.33	3.33	∅ .19 THRU				
A3	.33	11.99	∅ .19 THRU			.83	∅ .14 THRU 8-32 UNC THRU
A4	.33	14.49	∅ .19 THRU				
A5	59.67	.83	∅ .19 THRU			3.33	∅ .14 THRU 8-32 UNC THRU
A6	59.67	3.33	∅ .19 THRU			.14	∅ .14 THRU 8-32 UNC THRU
A7	59.67	11.99	∅ .19 THRU			15.18	∅ .14 THRU 8-32 UNC THRU
A8	59.67	14.49	∅ .19 THRU				
B1	.50	.14	∅ .14 THRU 8-32 UNC THRU	B29	40.75	.83	∅ .14 THRU 8-32 UNC THRU
B2	.50	15.18	∅ .14 THRU 8-32 UNC THRU	B30	40.75	3.33	∅ .14 THRU 8-32 UNC THRU
B3	4.25	.83	∅ .14 THRU 8-32 UNC THRU	B31	49.25	.83	∅ .14 THRU 8-32 UNC THRU
B4	4.25	3.33	∅ .14 THRU 8-32 UNC THRU	B32	49.25	3.33	∅ .14 THRU 8-32 UNC THRU
B5	7.50	.83	∅ .14 THRU 8-32 UNC THRU	B33	49.83	.14	∅ .14 THRU 8-32 UNC THRU
B6	7.50	3.33	∅ .14 THRU 8-32 UNC THRU	B34	49.83	15.18	∅ .14 THRU 8-32 UNC THRU
B7	10.17	.14	∅ .14 THRU 8-32 UNC THRU	B35	52.50	.83	∅ .14 THRU 8-32 UNC THRU
B8	10.17	15.18	∅ .14 THRU 8-32 UNC THRU	B36	52.50	3.33	∅ .14 THRU 8-32 UNC THRU
B9	10.75	.83	∅ .14 THRU 8-32 UNC THRU	B37	55.75	.83	∅ .14 THRU 8-32 UNC THRU
B10	10.75	3.33	∅ .14 THRU 8-32 UNC THRU	B38	55.75	3.33	∅ .14 THRU 8-32 UNC THRU
B11	19.25	.83	∅ .14 THRU 8-32 UNC THRU	B39	59.50	.14	∅ .14 THRU 8-32 UNC THRU
B12	19.25	3.33	∅ .14 THRU 8-32 UNC THRU	B40	59.50	15.18	∅ .14 THRU 8-32 UNC THRU
B13	19.83	.14	∅ .14 THRU 8-32 UNC THRU	C1	7.50	2.08	
B14	19.83	15.18	∅ .14 THRU 8-32 UNC THRU	D1	14.67	.83	∅ .19 THRU ALL
B15	22.50	.83	∅ .14 THRU 8-32 UNC THRU	D2	14.67	3.33	∅ .19 THRU ALL
B16	22.50	3.33	∅ .14 THRU 8-32 UNC THRU	D3	14.67	11.99	∅ .19 THRU ALL
B17	25.75	.83	∅ .14 THRU 8-32 UNC THRU	D4	14.67	14.49	∅ .19 THRU ALL
B18	25.75	3.33	∅ .14 THRU 8-32 UNC THRU	D5	29.67	.83	∅ .19 THRU ALL
B19	29.50	.14	∅ .14 THRU 8-32 UNC THRU	D6	29.67	3.33	∅ .19 THRU ALL
B20	29.50	15.18	∅ .14 THRU 8-32 UNC THRU	D7	29.67	11.99	∅ .19 THRU ALL
B21	30.50	.14	∅ .14 THRU 8-32 UNC THRU	D8	29.67	14.49	∅ .19 THRU ALL
B22	30.50	15.18	∅ .14 THRU 8-32 UNC THRU	D9	44.67	.83	∅ .19 THRU ALL
B23	34.25	.83	∅ .14 THRU 8-32 UNC THRU	D10	44.67	3.33	∅ .19 THRU ALL
				D11	44.67	11.99	∅ .19 THRU ALL
				D12	44.67	14.49	∅ .19 THRU ALL
				E1	22.50	2.08	
				F1	37.50	2.08	
				G1	52.50	2.08	

BACK SECTION, UPSTREAM
HOLE TABLE

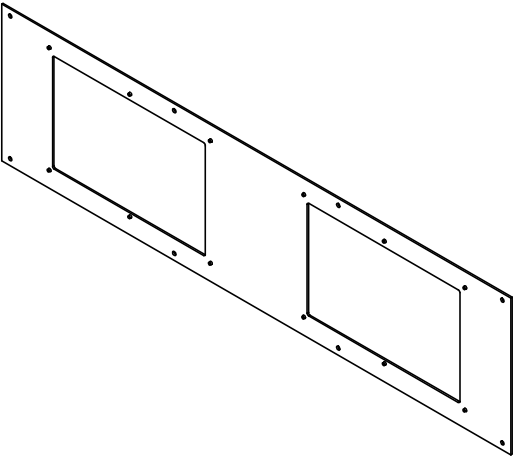


	NAME	DATE	TITLE: BACK SECTION UPSTREAM, HOLE TABLE	
DRAWN	ECMV	3/12/2025		
CHECKED				
ENG APPR.				
MFG APPR.				
Q.A.			SIZE B	
COMMENTS:				
		DWG. NO. BSU, Hole Table		REV -
		SCALE: 1:6		SHEET 7 OF 21

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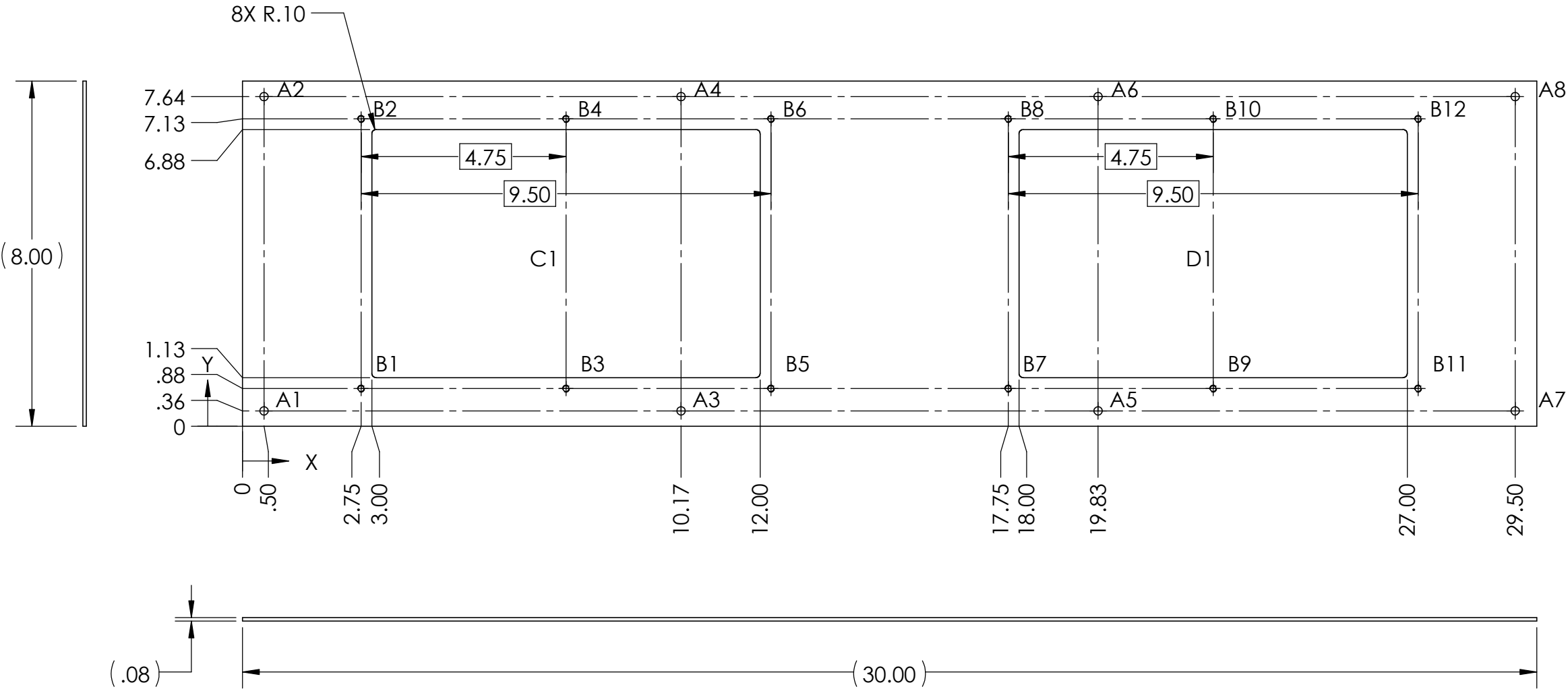
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FRONT FACADE



HOLE TABLE

TAG	X LOC	Y LOC	SIZE
A1	.50	.36	Ø .19 THRU
A2	.50	7.64	Ø .19 THRU
A3	10.17	.36	Ø .19 THRU
A4	10.17	7.64	Ø .19 THRU
A5	19.83	.36	Ø .19 THRU
A6	19.83	7.64	Ø .19 THRU
A7	29.50	.36	Ø .19 THRU
A8	29.50	7.64	Ø .19 THRU
B1	2.75	.88	Ø .14 THRU 8-32 UNC THRU
B2	2.75	7.13	Ø .14 THRU 8-32 UNC THRU
B3	7.50	.88	Ø .14 THRU 8-32 UNC THRU
B4	7.50	7.13	Ø .14 THRU 8-32 UNC THRU
B5	12.25	.88	Ø .14 THRU 8-32 UNC THRU
B6	12.25	7.13	Ø .14 THRU 8-32 UNC THRU
B7	17.75	.88	Ø .14 THRU 8-32 UNC THRU
B8	17.75	7.13	Ø .14 THRU 8-32 UNC THRU
B9	22.50	.88	Ø .14 THRU 8-32 UNC THRU
B10	22.50	7.13	Ø .14 THRU 8-32 UNC THRU
B11	27.25	.88	Ø .14 THRU 8-32 UNC THRU
B12	27.25	7.13	Ø .14 THRU 8-32 UNC THRU
C1	7.50	4.00	
D1	22.50	4.00	



	NAME	DATE
DRAWN	ECMV	3/12/2025
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

COMMENTS:

TITLE:
Front Facade

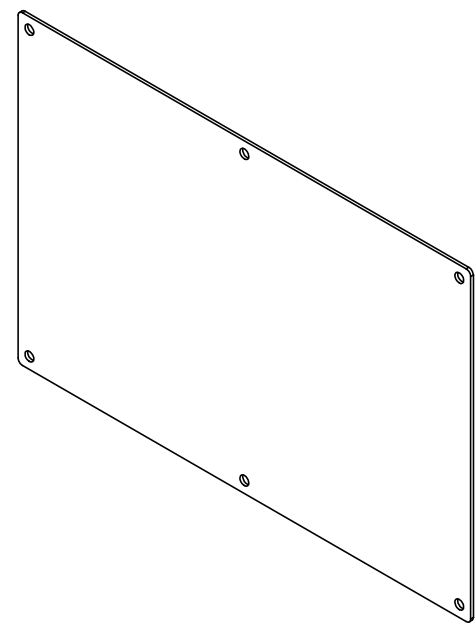
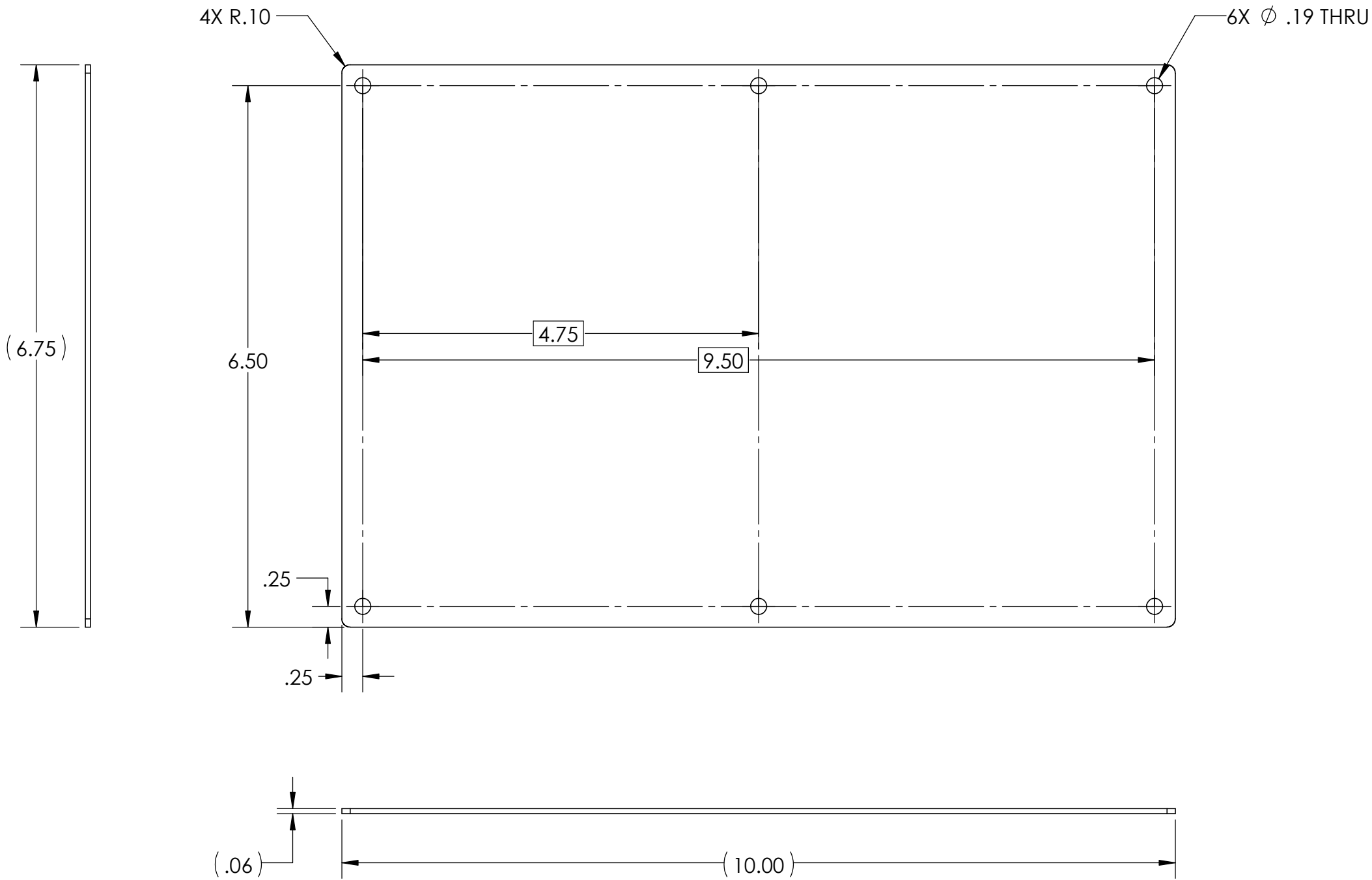
SIZE B	DWG. NO. Front Facade	REV -
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SCALE: 1:3	SHEET 8 OF 21
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FACE PLATE BLANK

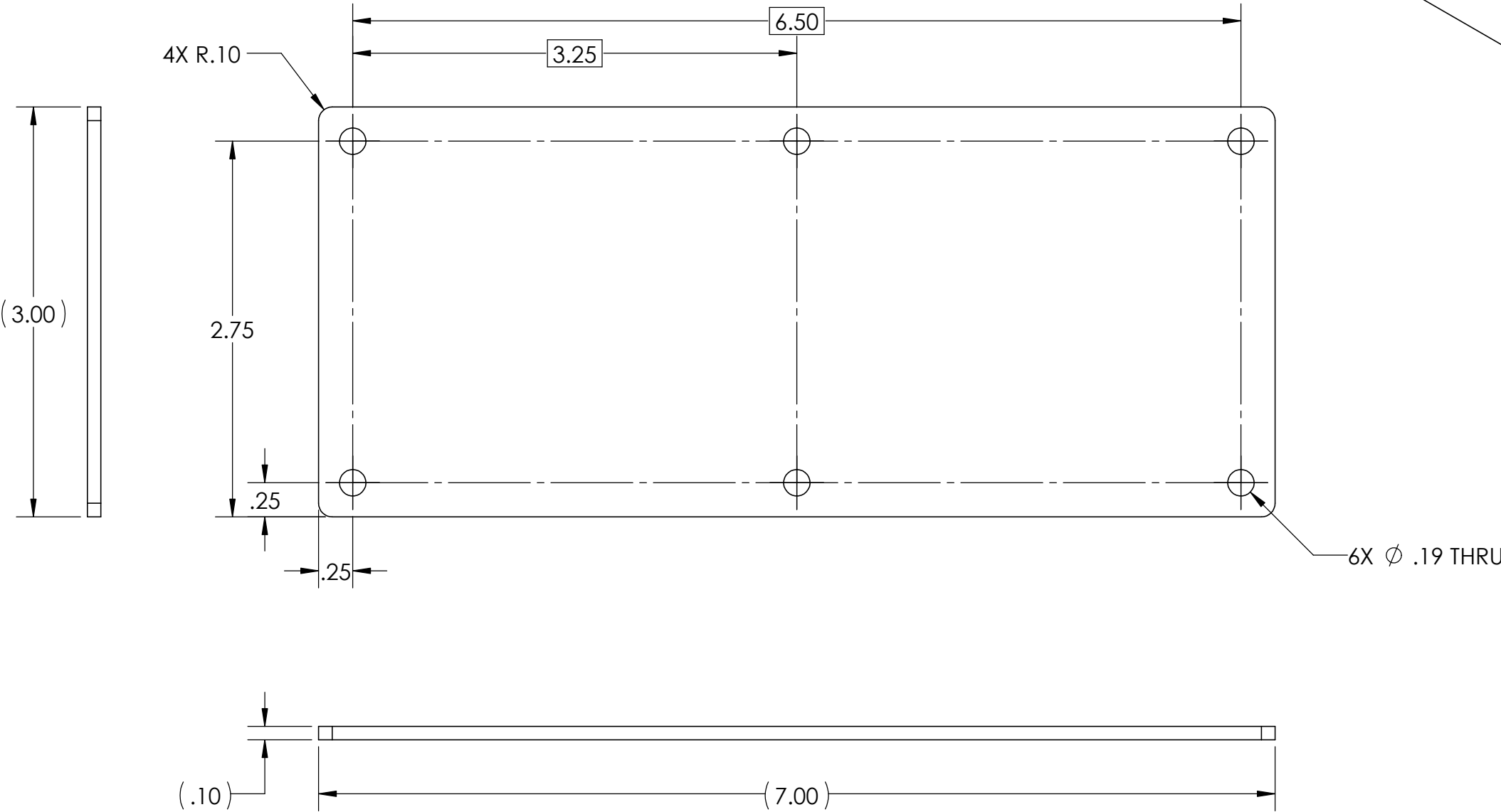
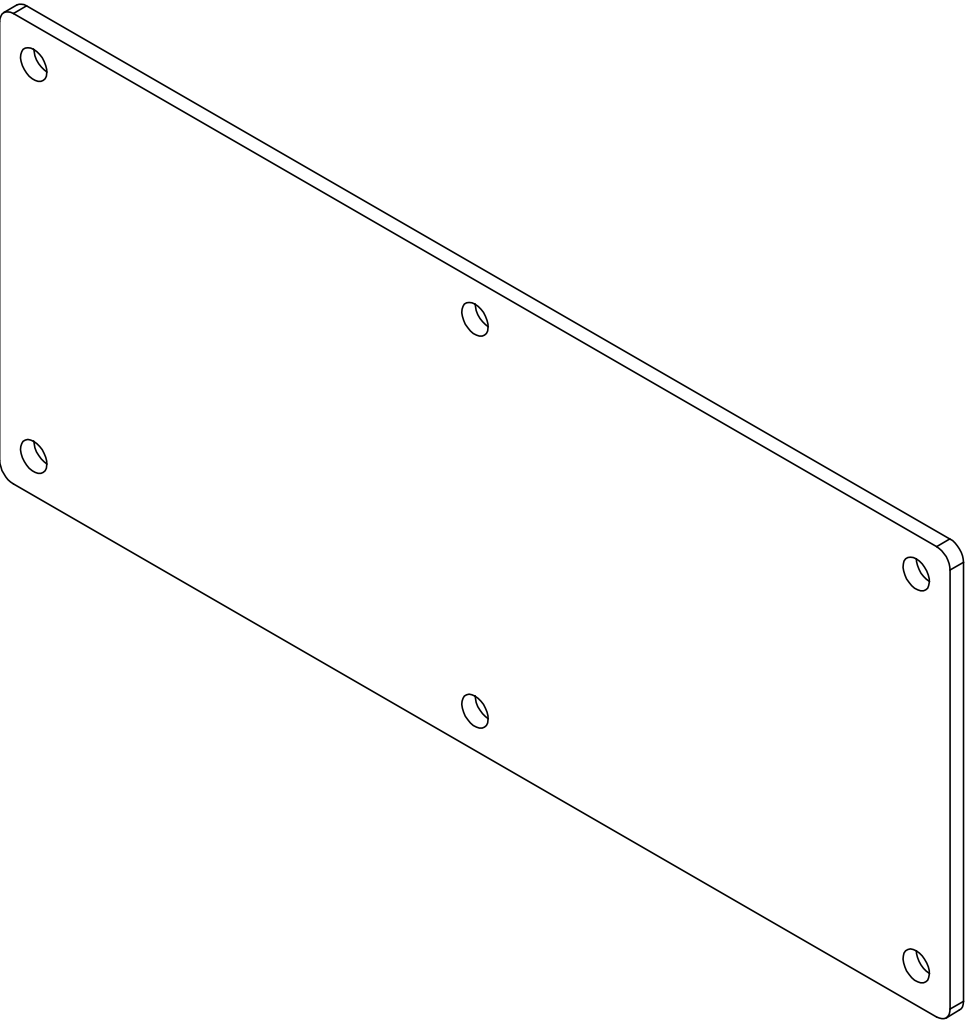


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	NAME	DATE	TITLE: Face Plate Blank		
DRAWN	ECMV	3/12/2025			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			SIZE B		
COMMENTS:					
DWG. NO.		REV			
Face Plate Blank		-			
SCALE: 2:3				SHEET 9 OF 21	

FACE PLATE, LOWER BLANK

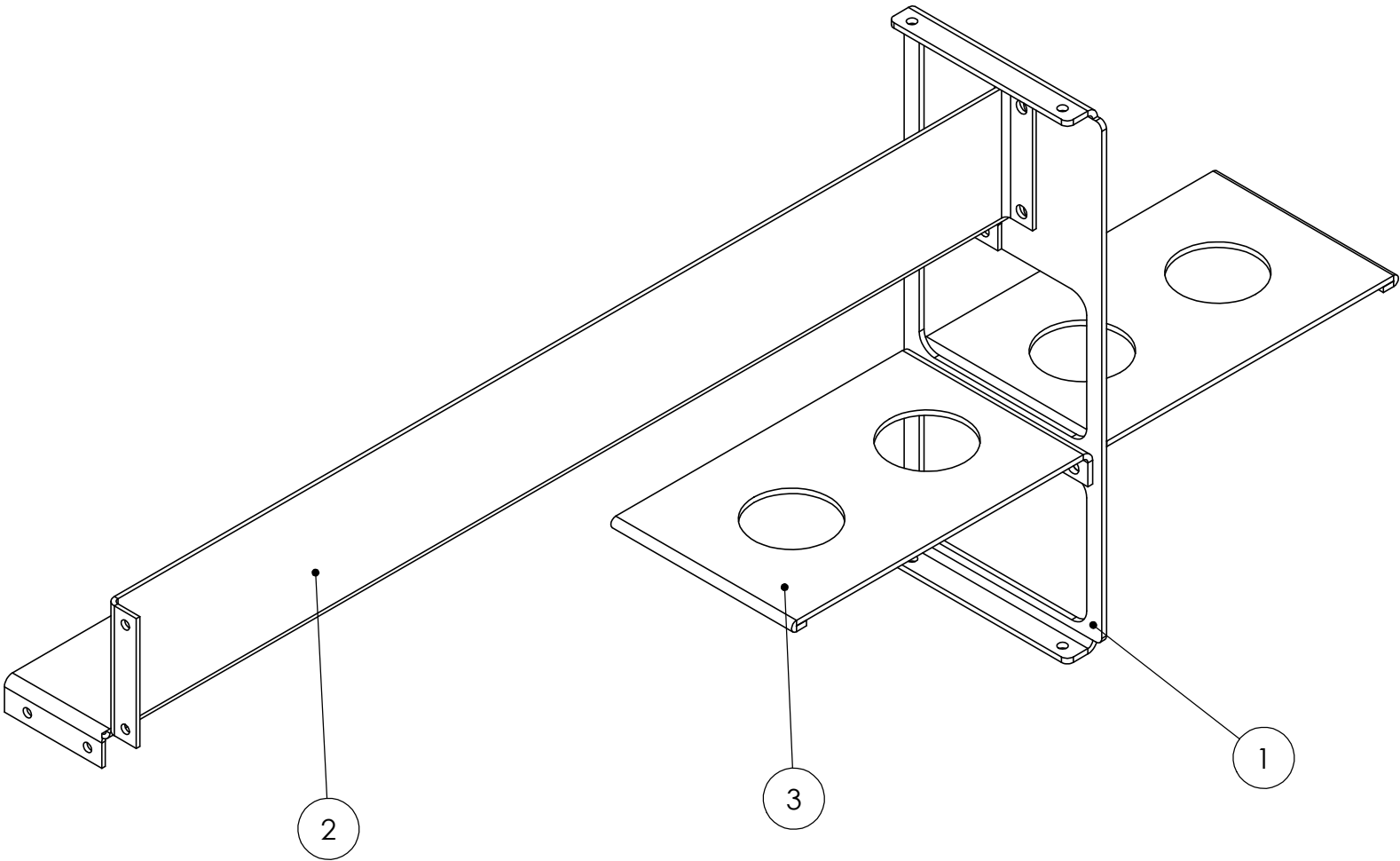


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	NAME	DATE	TITLE: Face Plate Lower Blank		
DRAWN	ECMV	3/12/2025			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			SIZE DWG. NO. REV Face Plate Lower Blank		
COMMENTS:					
SCALE: 1:1				SHEET 10 OF 21	

INTERIOR BAFFLE ASSEMBLY



BILL OF MATERIALS

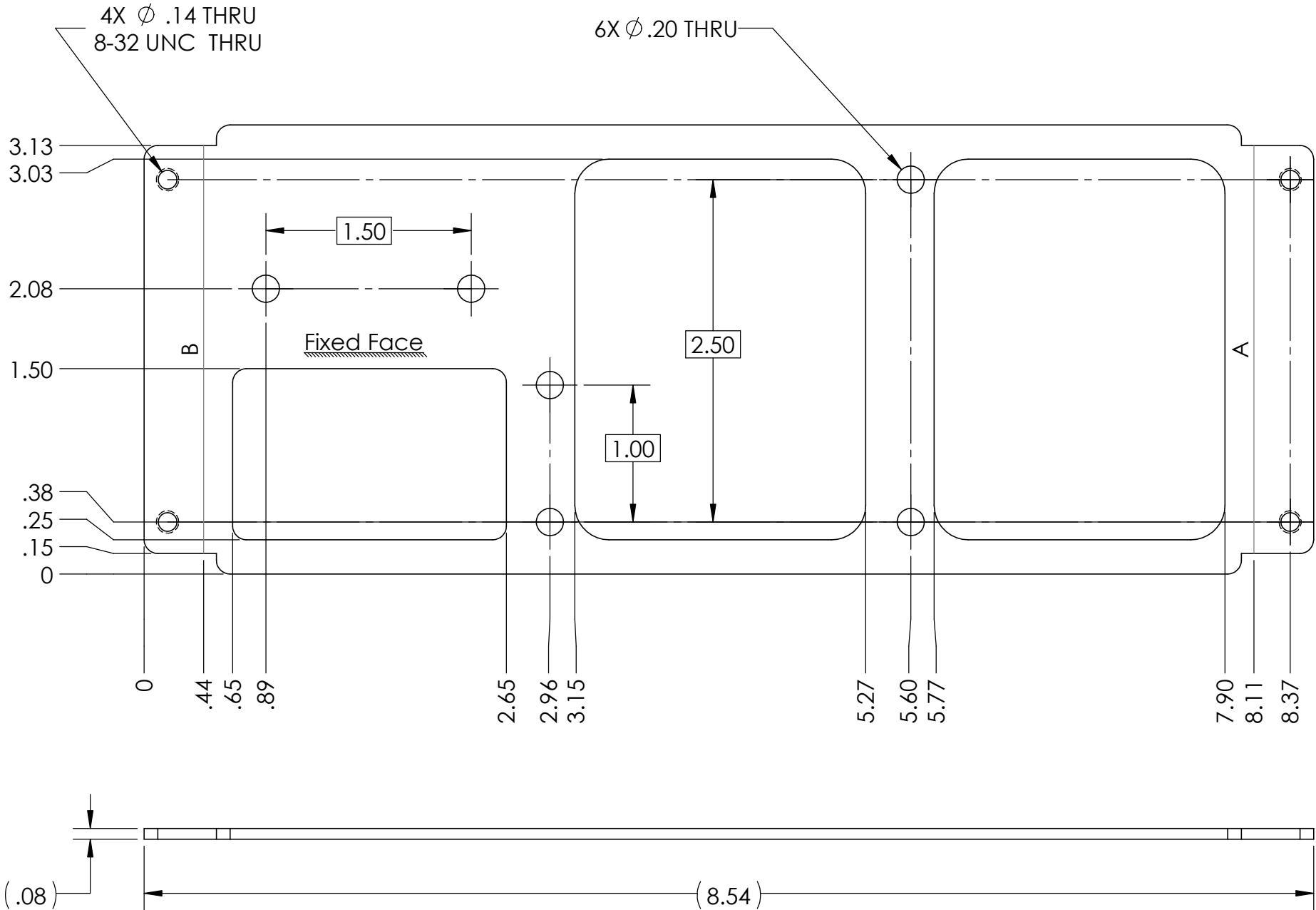
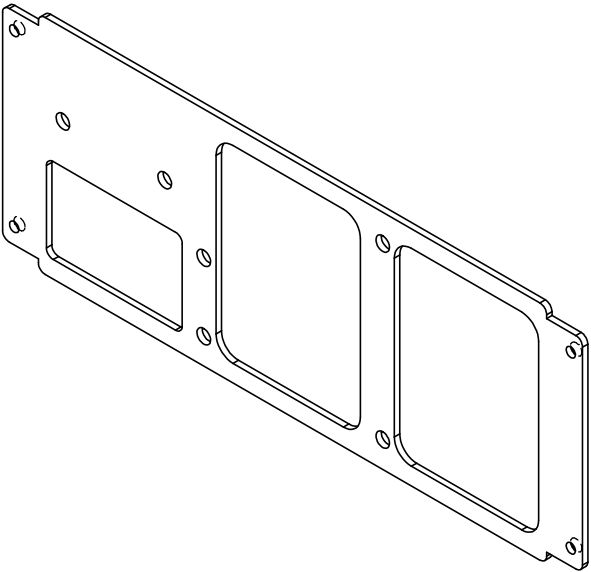
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Interior Baffle	12 Gauge 6061 Alloy Sheet	1
2	ECAT Cable Duct	14 Gauge 6061 Alloy Sheet	1
3	Cable Support	12 Gauge 6061 Alloy Sheet	2

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	NAME	DATE	TITLE: Interior Baffle Assembly BOM		
DRAWN	ECMV	3/12/2025			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			SIZE B		
COMMENTS:					
			DWG. NO.		REV -
			SCALE: 1:3		SHEET 12 OF 21

INTERIOR BAFFLE, FLAT



BEND TABLE

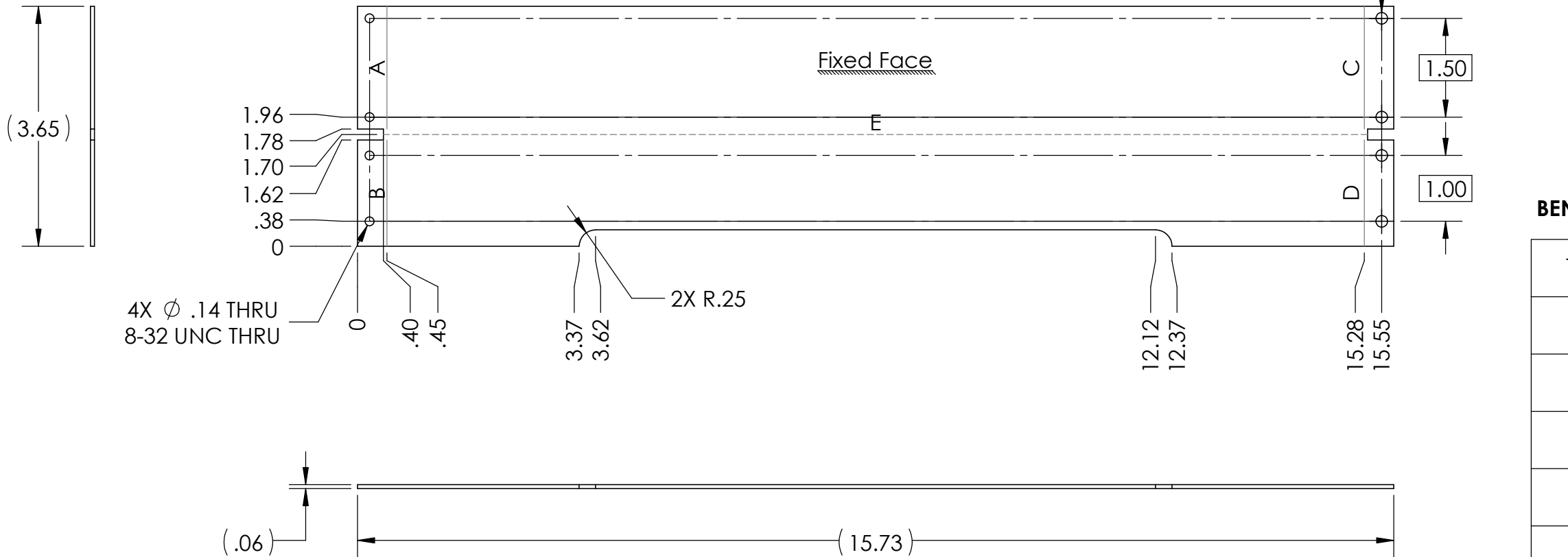
Tag	Direction	Angle	Inner Radius
A	UP	90°	0.08
B	UP	90°	0.08

	NAME	DATE	TITLE: Interior Baffle, Flat		
DRAWN	ECMV	3/12/2025			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			SIZE DWG. NO. REV B M01-036 -		
COMMENTS:					
			SCALE: 1:3		SHEET 13 OF 21

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ECAT CABLE DUCT, FLAT



BEND TABLE

Tag	Direction	Angle	Inner Radius
A	UP	90°	0.08
B	UP	90°	0.08
C	UP	90°	0.08
D	UP	90°	0.08
E	DOWN	90°	0.08

	NAME	DATE	TITLE: ECAT Cable Duct		
DRAWN	ECMV	3/12/2025			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			SIZE B		
COMMENTS:					
			DWG. NO.		REV -
			SCALE: 1:3		SHEET 14 OF 21

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5

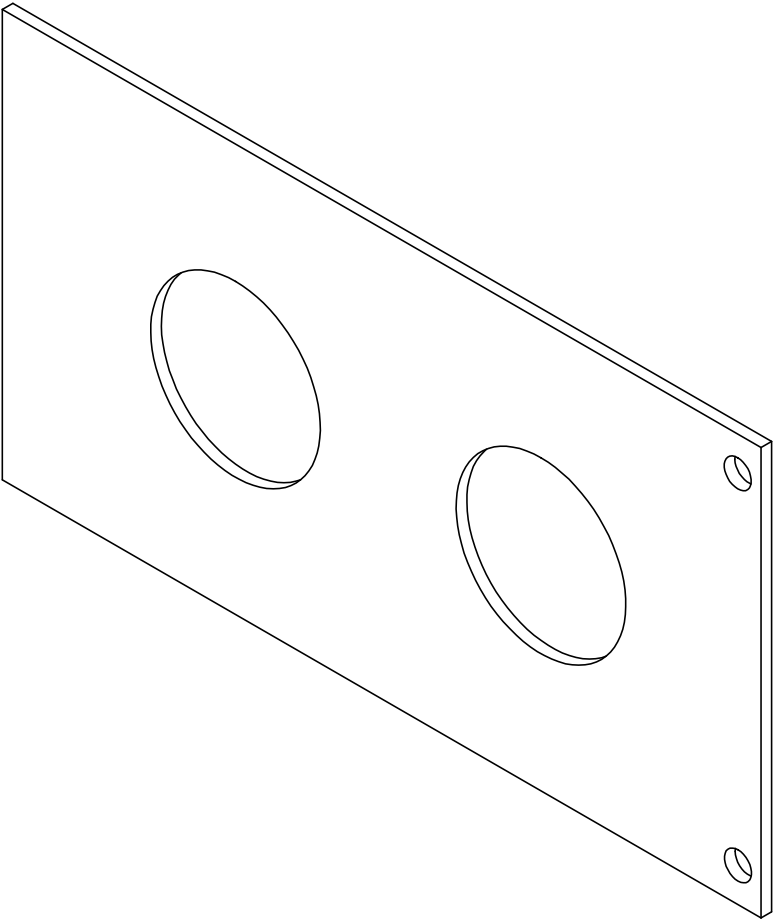
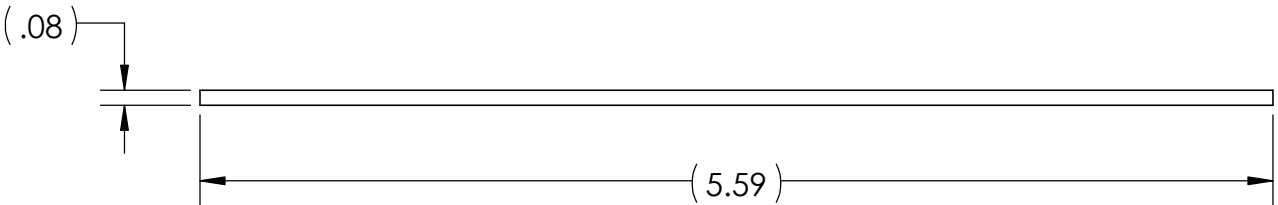
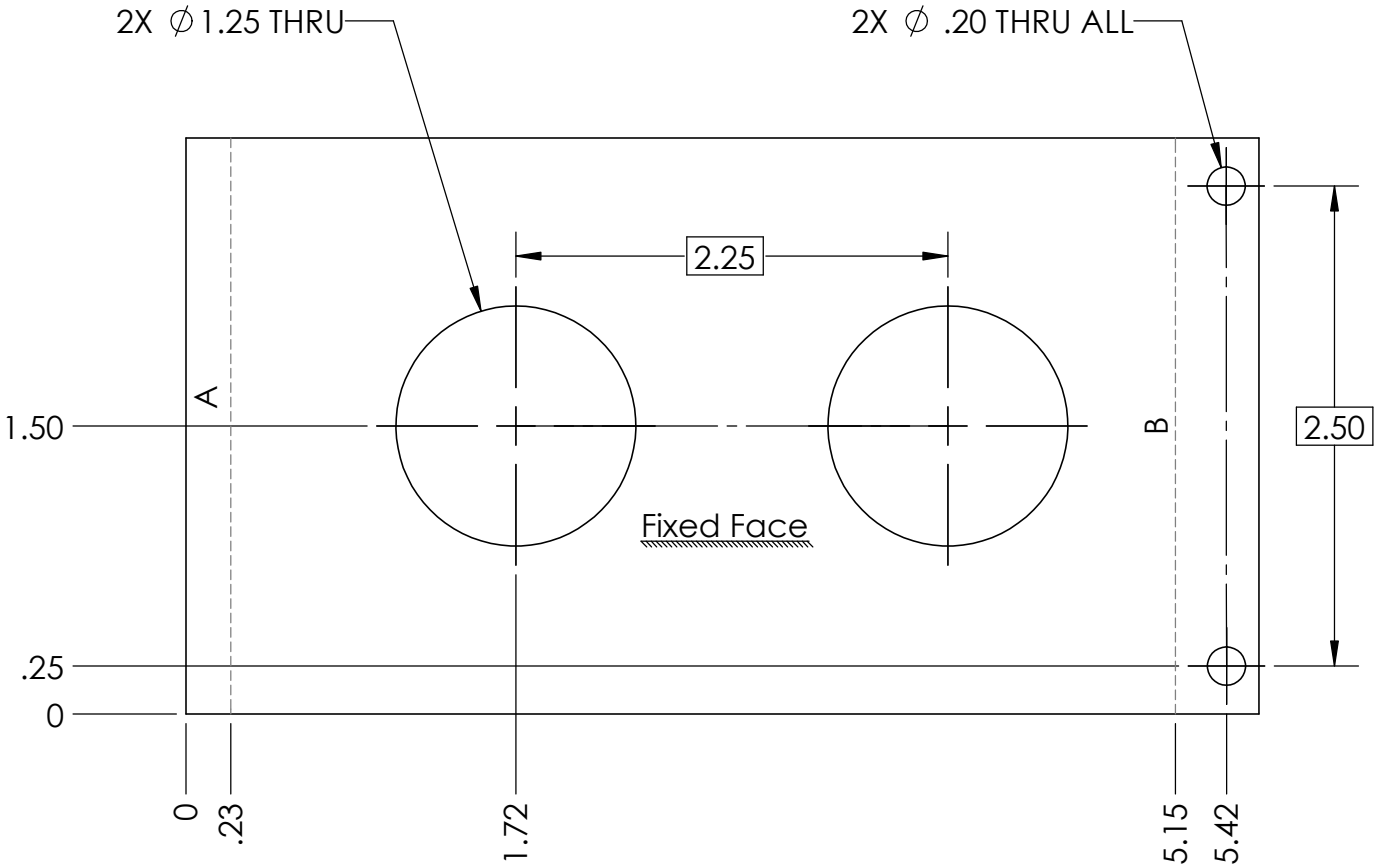
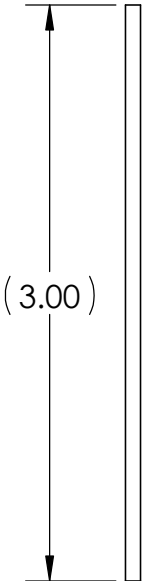
4

3

2

1

CABLE SUPPORT, FLAT



BEND TABLE

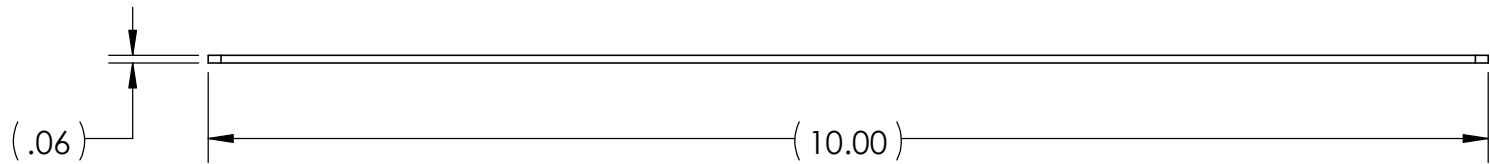
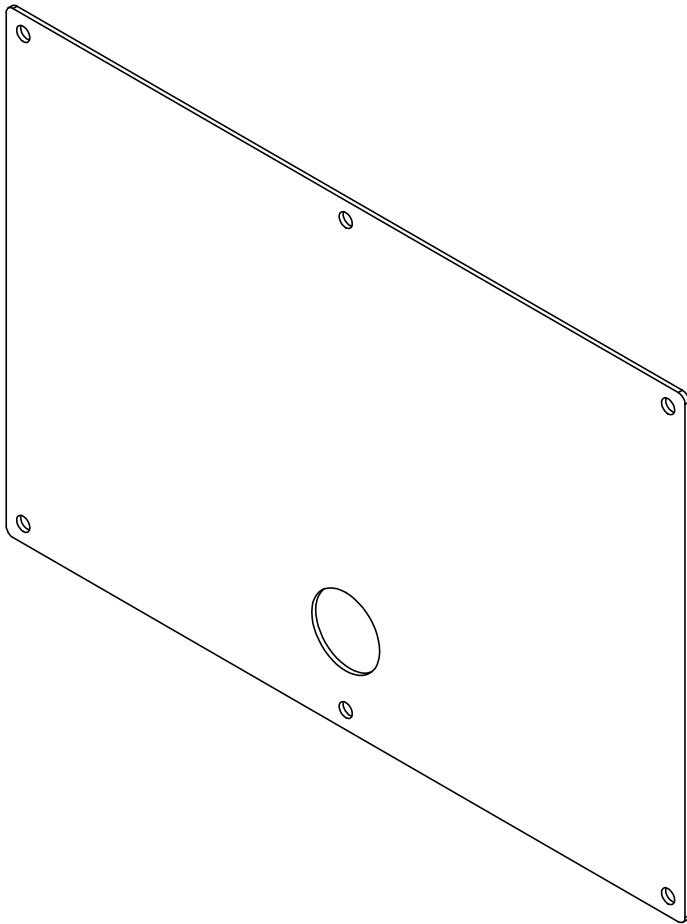
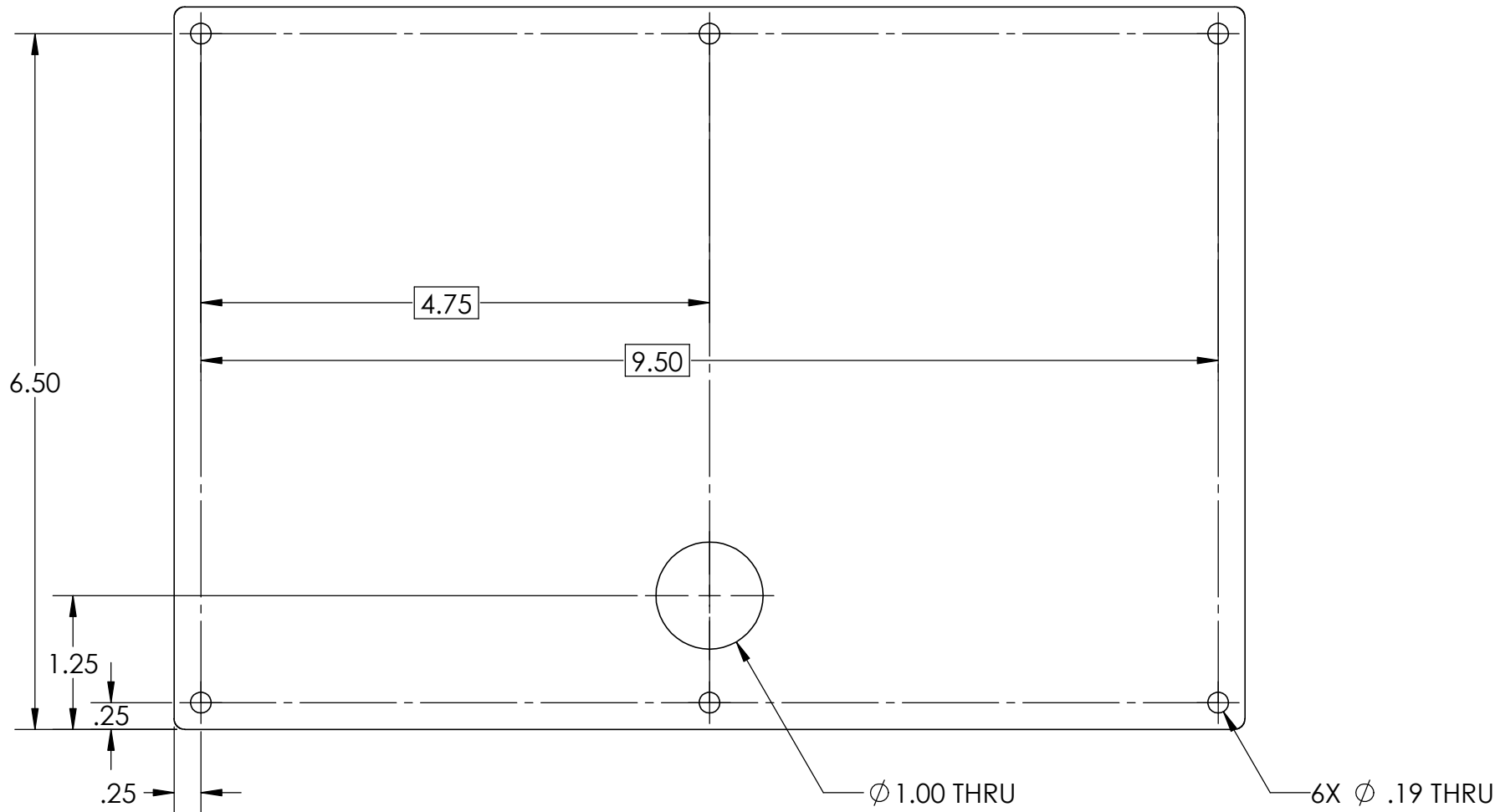
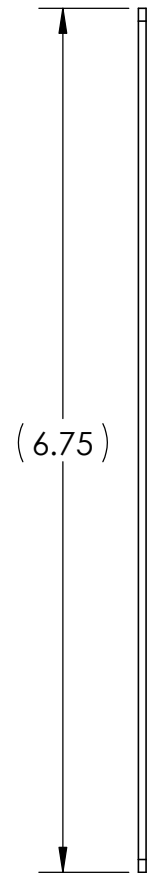
Tag	Direction	Angle	Inner Radius
A	DOWN	180°	0
B	DOWN	90°	0.08

	NAME	DATE	TITLE: Cable Support Flat		
DRAWN	ECMV	3/12/2025			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			SIZE B DWG. NO. M01-036 REV -		
COMMENTS:					
SCALE: 1:3			SHEET 15 OF 21		

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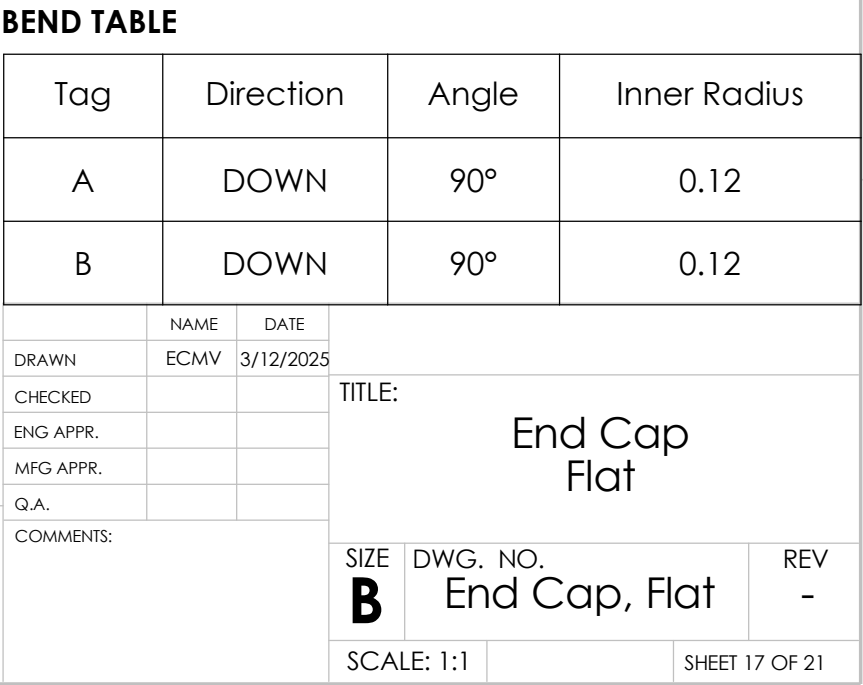
FACE PLATE RJ45



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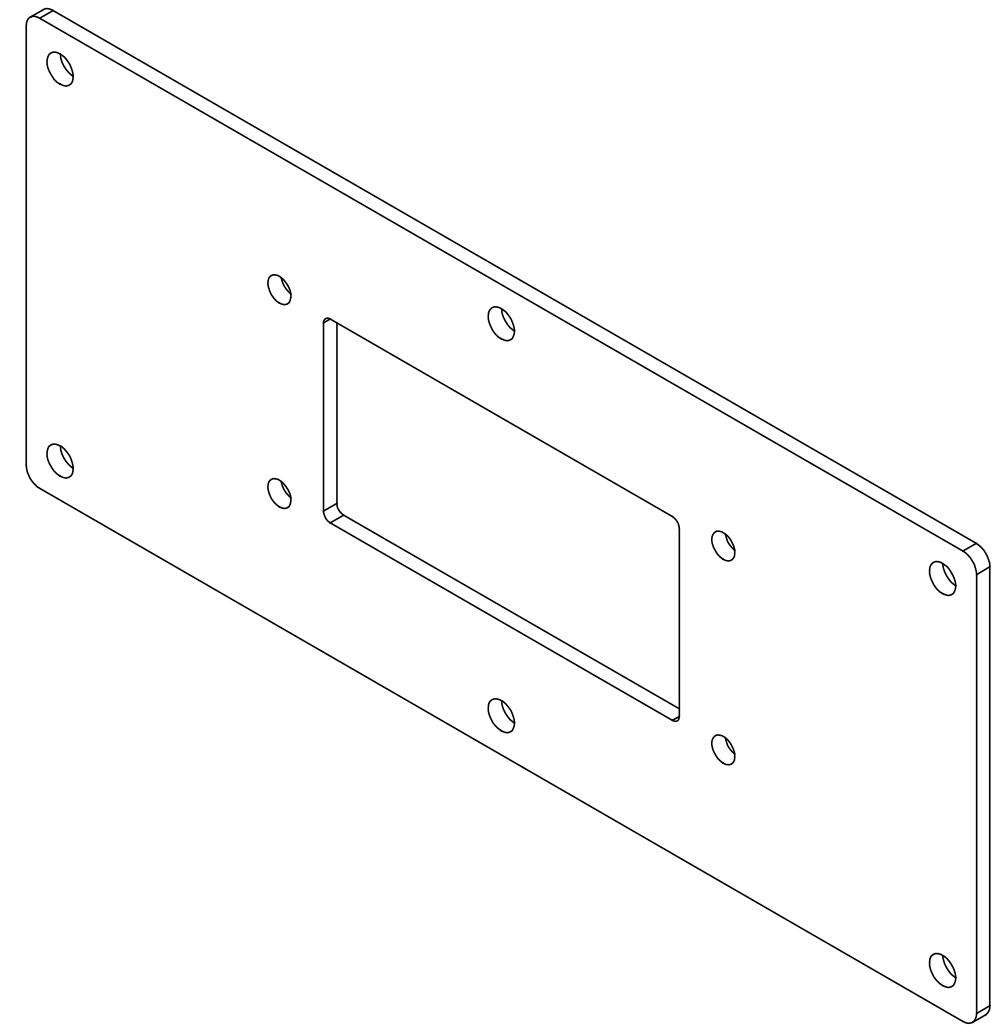
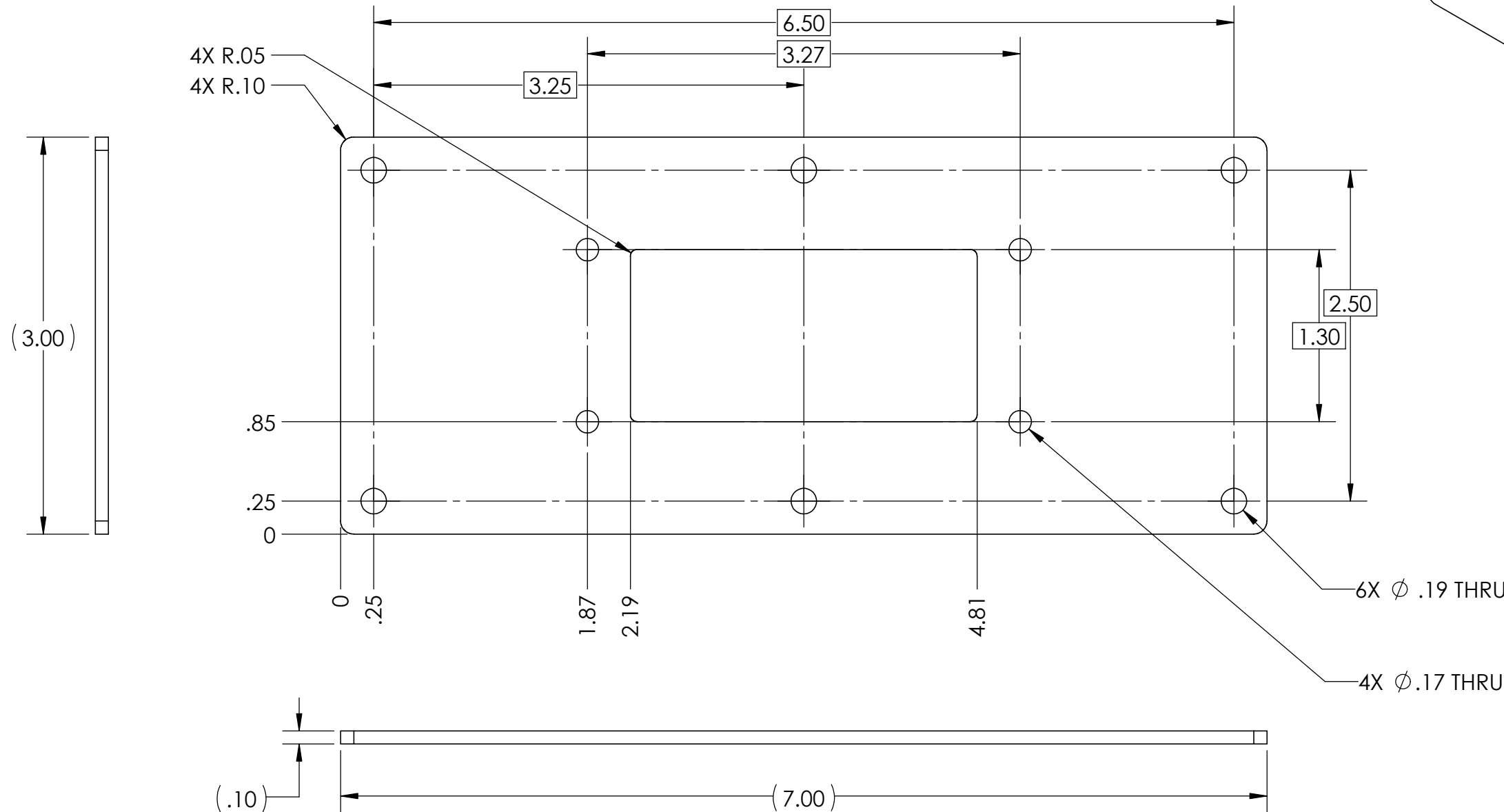
	NAME	DATE	TITLE: Face Plate RJ45		
DRAWN	ECMV	3/12/2025			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			SIZE DWG. NO. REV B Face Plate RJ45 -		
COMMENTS:					
SCALE: 2:3			SHEET 16 OF 21		



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FACE PLATE, LOWER 10

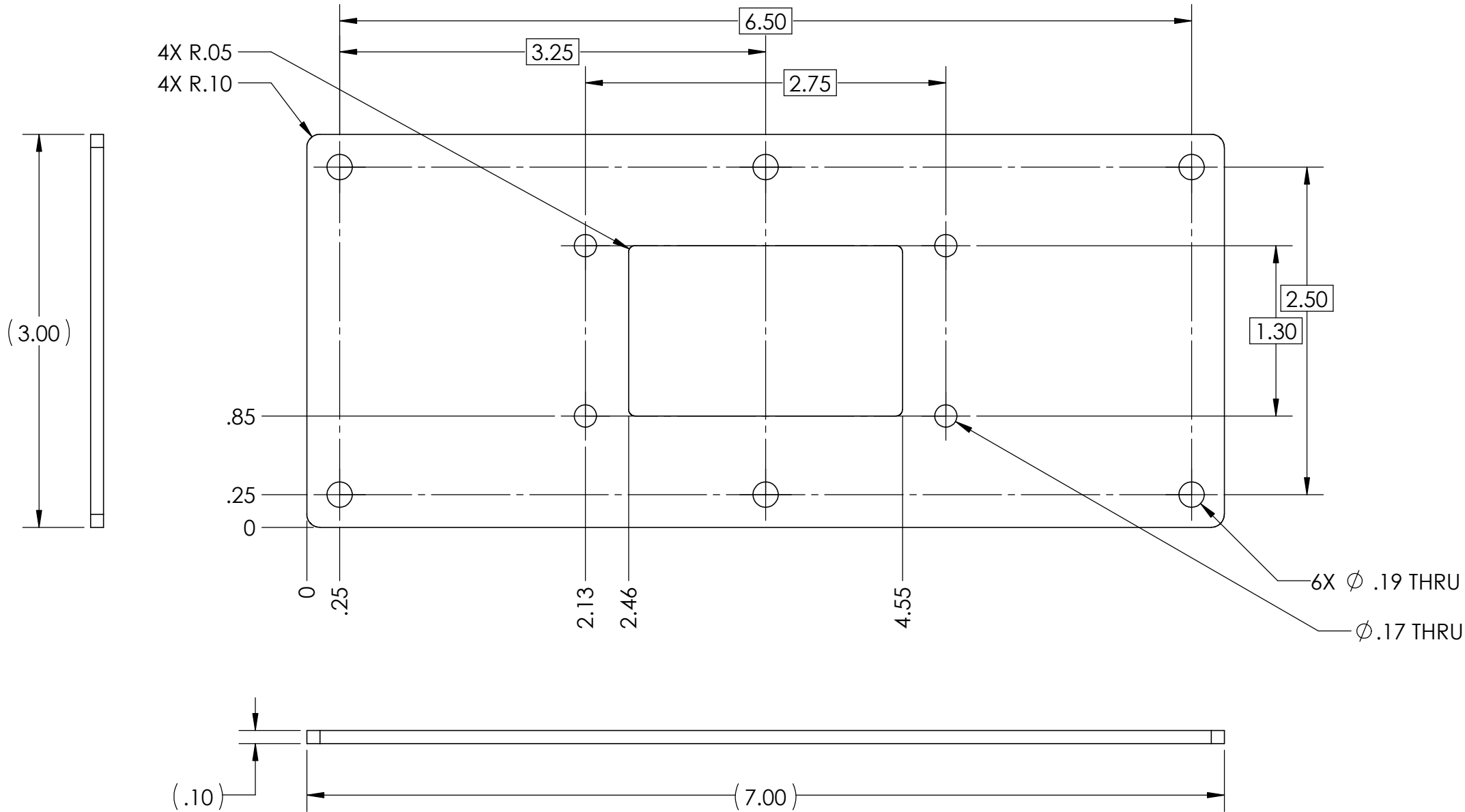


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PERMISSION OF THE ADVANCED SYSTEMS
AND COMPOSITE CENTER IS PROHIBITED.

	NAME	DATE	<div> <div>TITLE:</div> <div>Face Plate Lower 10</div> </div>		
DRAWN	ECMV	3/12/2025			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			<div> <div>SIZE</div> <div>DWG. NO.</div> <div>REV</div> <div>Face Plate, Lower 10 -</div> </div>		
COMMENTS:					
<div> <div>TE</div> <div>S</div> </div>			<div> <div>SCALE: 1:1</div> <div>SHEET 18 OF 21</div> </div>		

FACE PLATE, LOWER 6

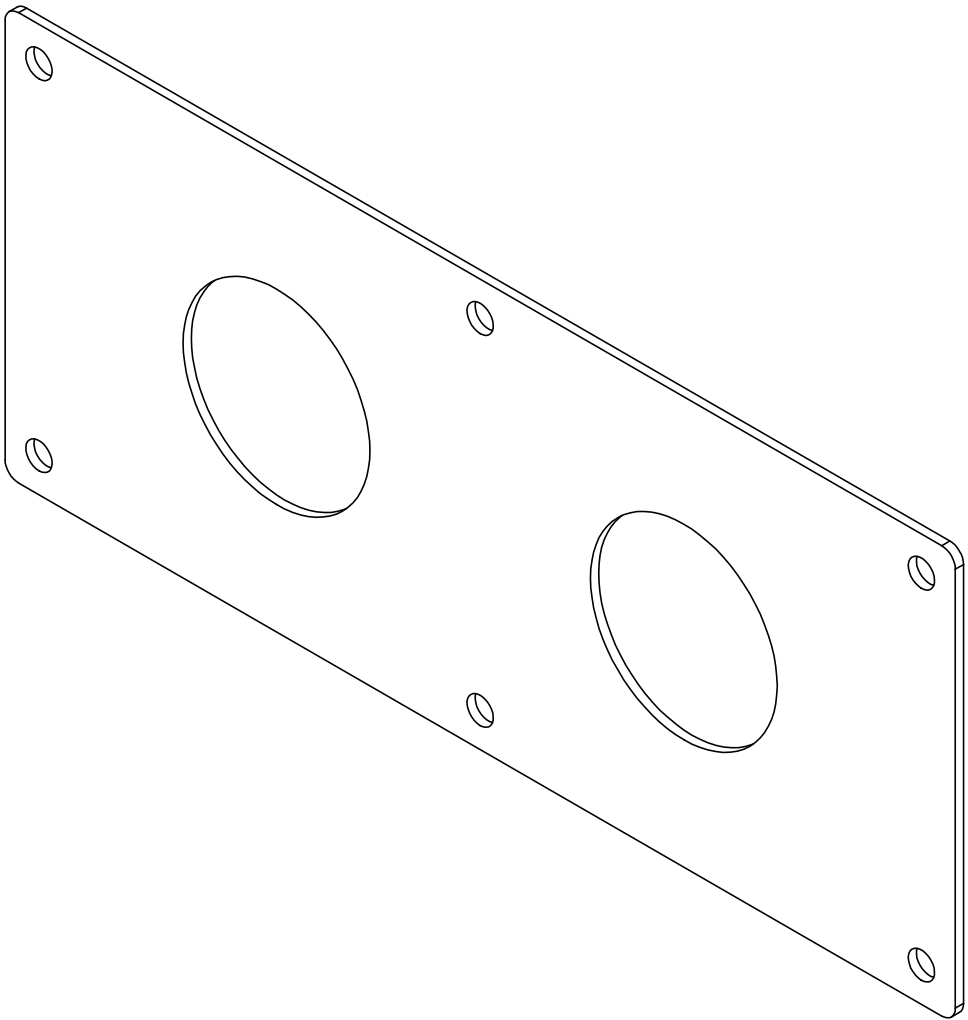
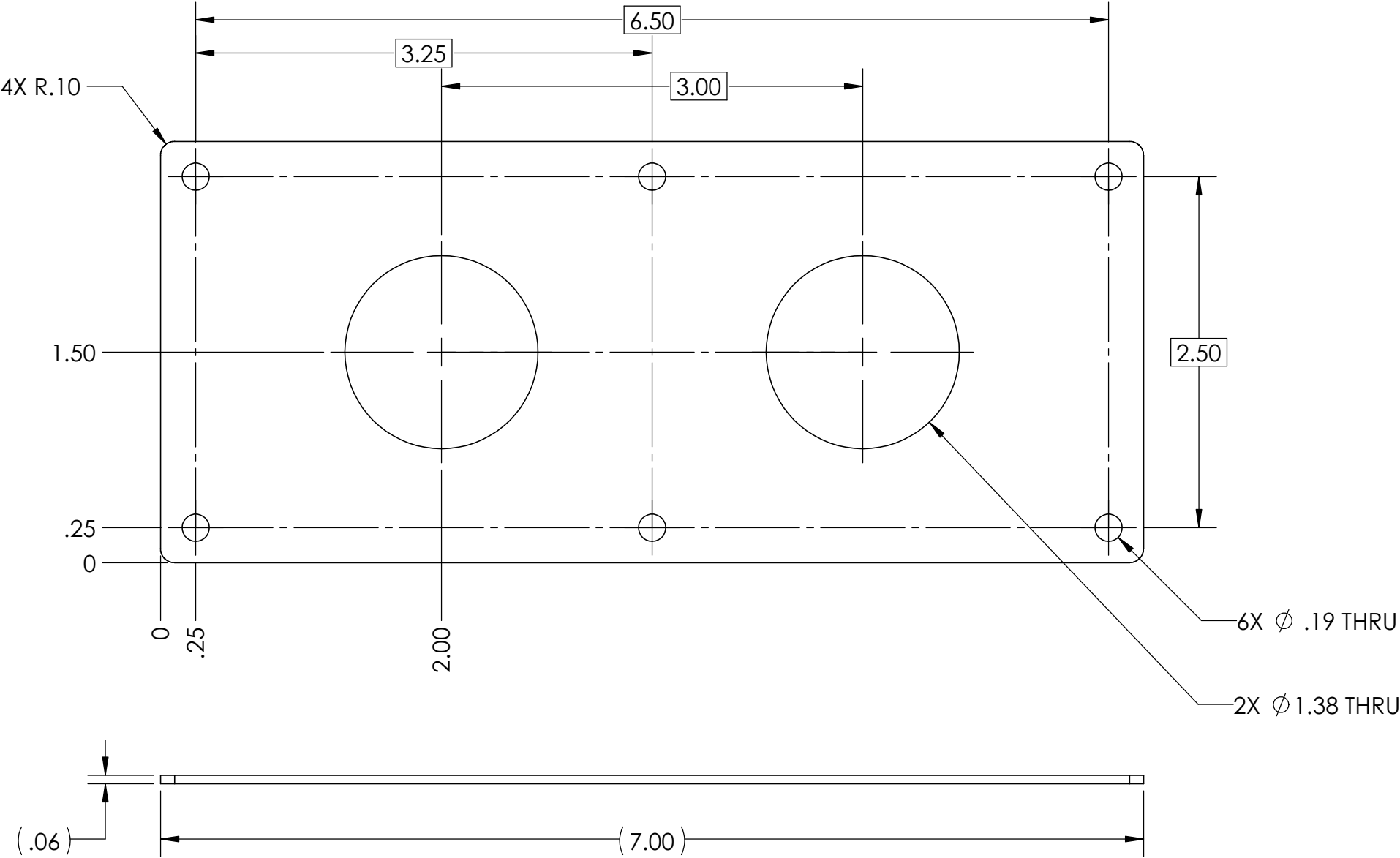


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	NAME	DATE	TITLE: Face Plate Lower 6		
DRAWN	ECMV	3/12/2025			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			SIZE DWG. NO. REV B Face Plate, Lower 6 -		
COMMENTS:					
SCALE: 1:1				SHEET 19 OF 21	

FACE PLATE, LOWER PULLER

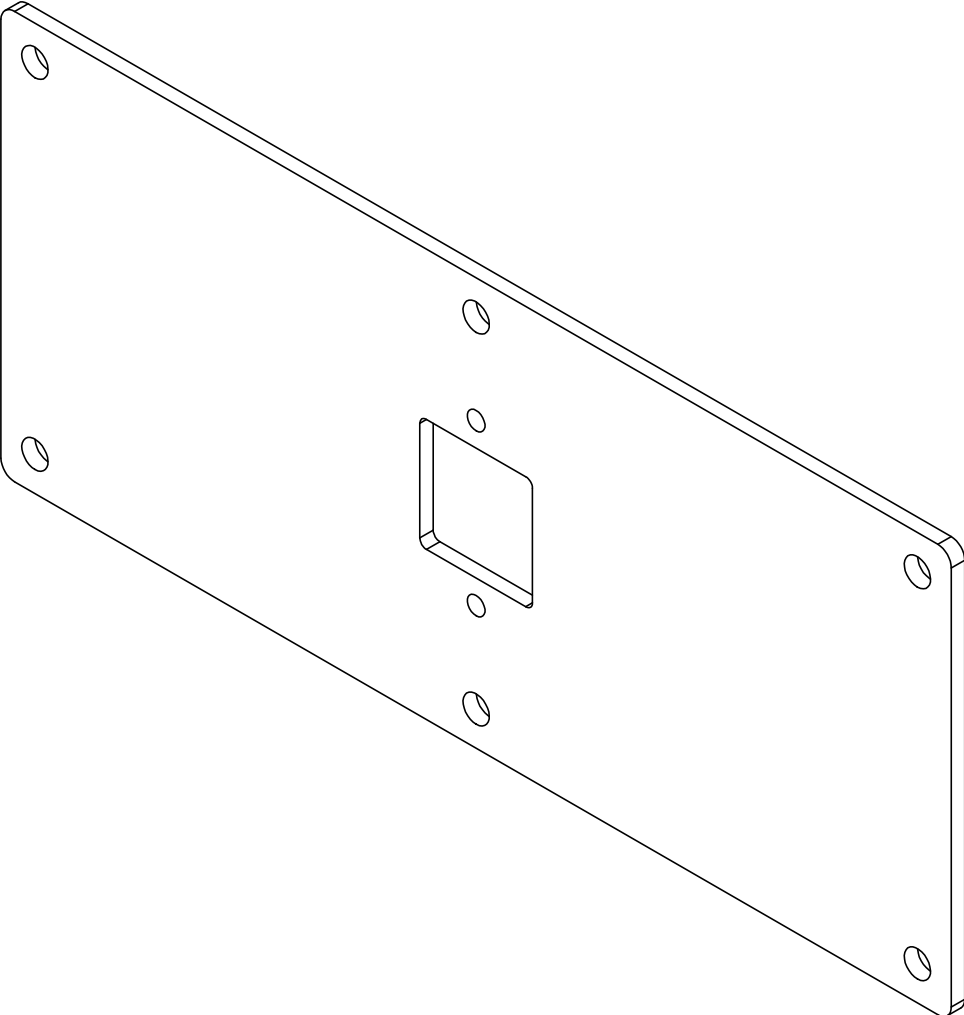
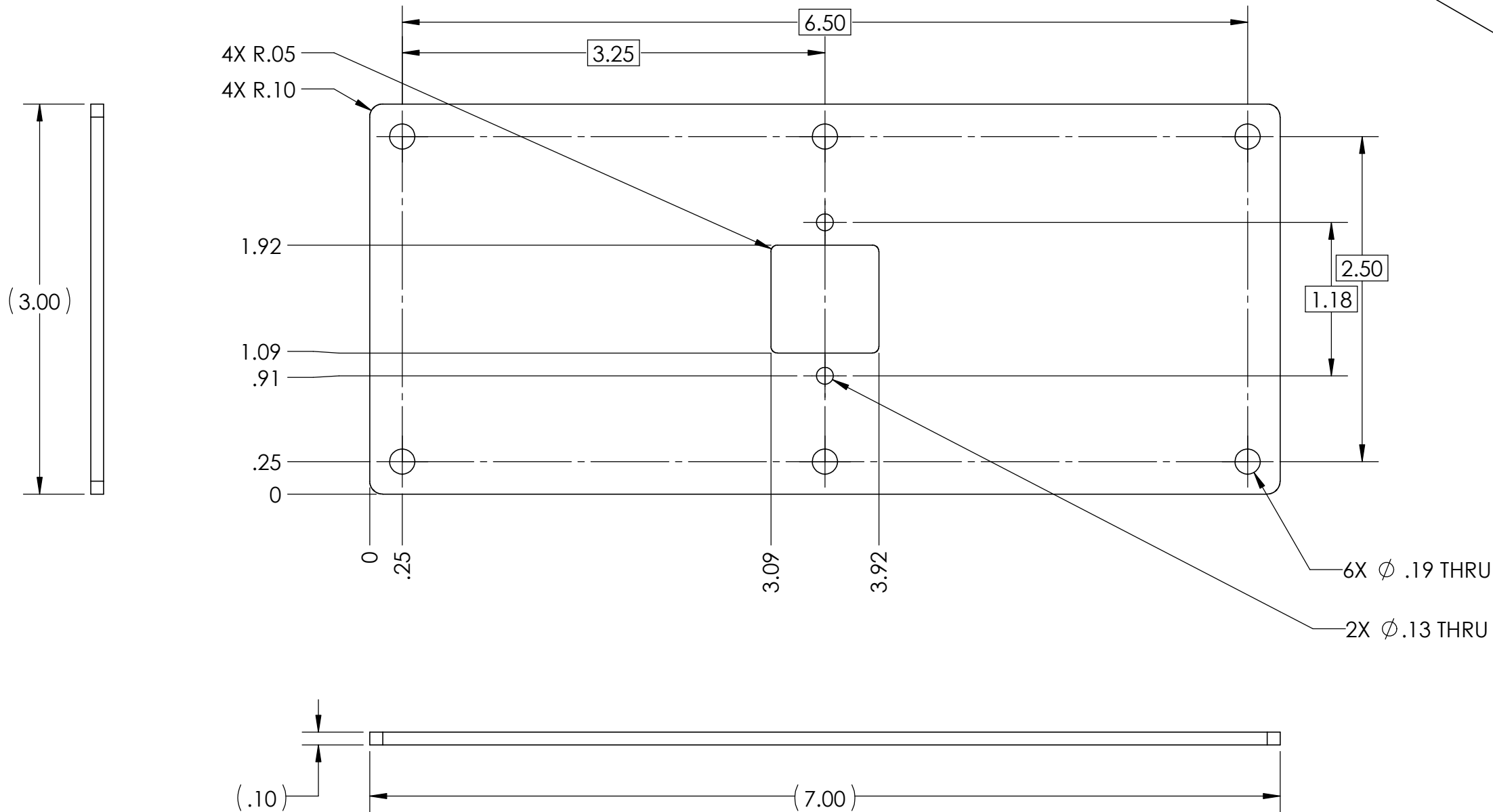


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	NAME	DATE	TITLE: Face Plate Lower, Puller		
DRAWN	ECMV	3/12/2025			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			SIZE DWG. NO. REV Face Plate, Lower Puller		
COMMENTS:					
SCALE: 1:1					

FACE PLATE, LOWER 3



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	NAME	DATE	TITLE: Face Plate Lower 3		
DRAWN	ECMV	3/12/2025			
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			SIZE DWG. NO. REV B Face Plate, Lower 3 -		
COMMENTS:					
SCALE: 1:1		SHEET 21 OF 21			