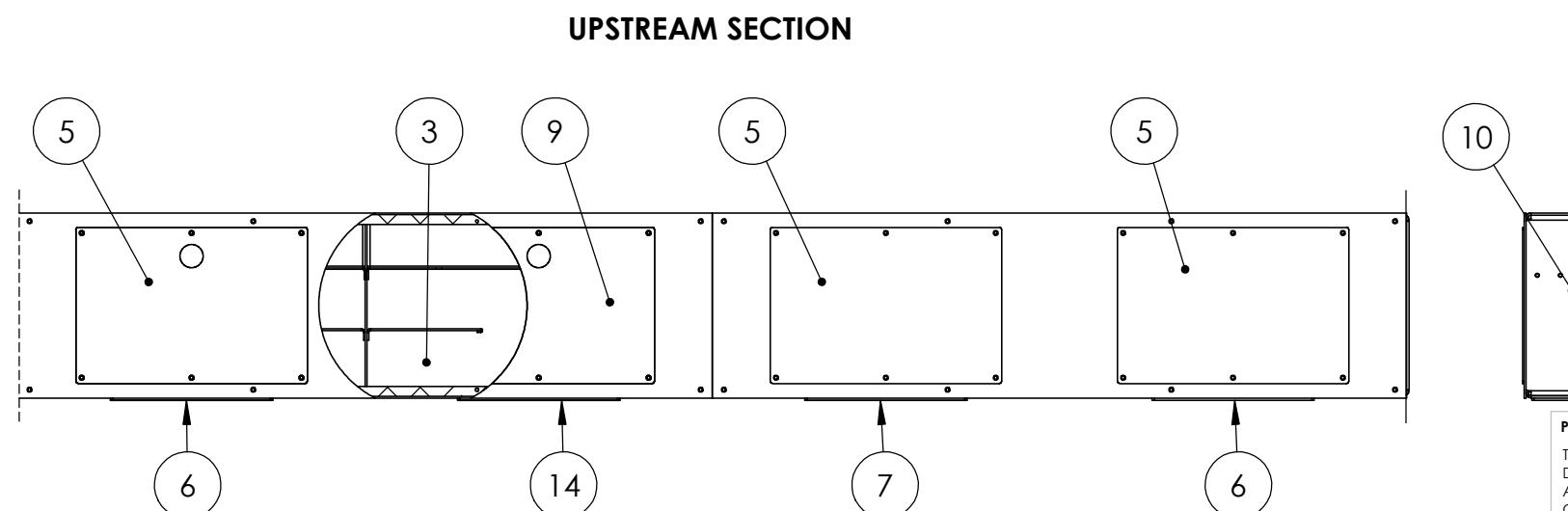
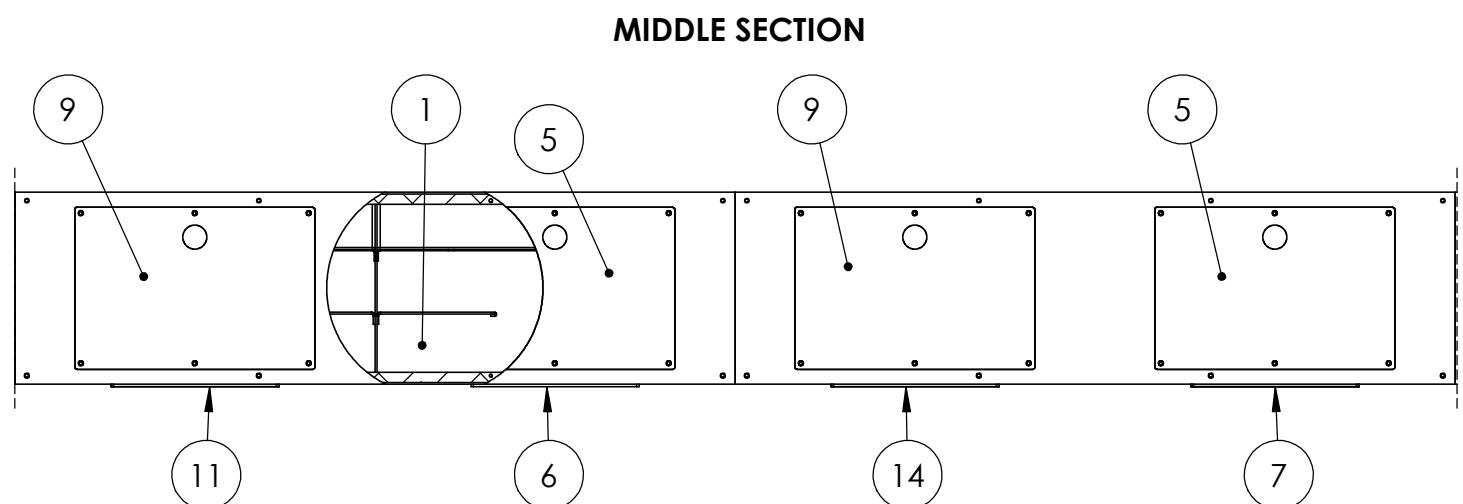
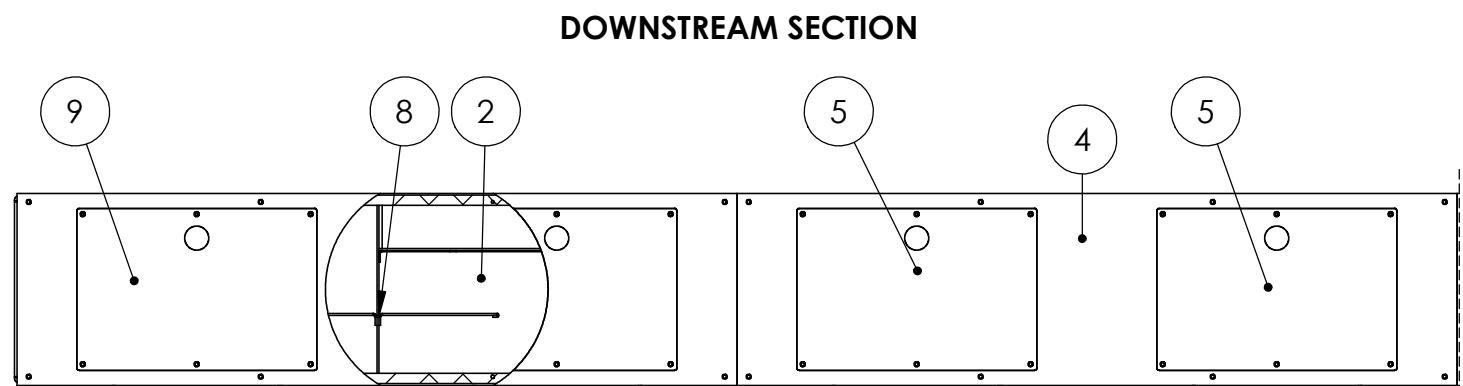
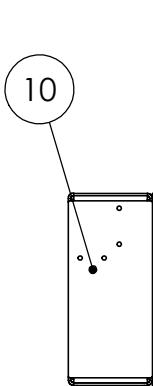


BAFFLE ASSEMBLY



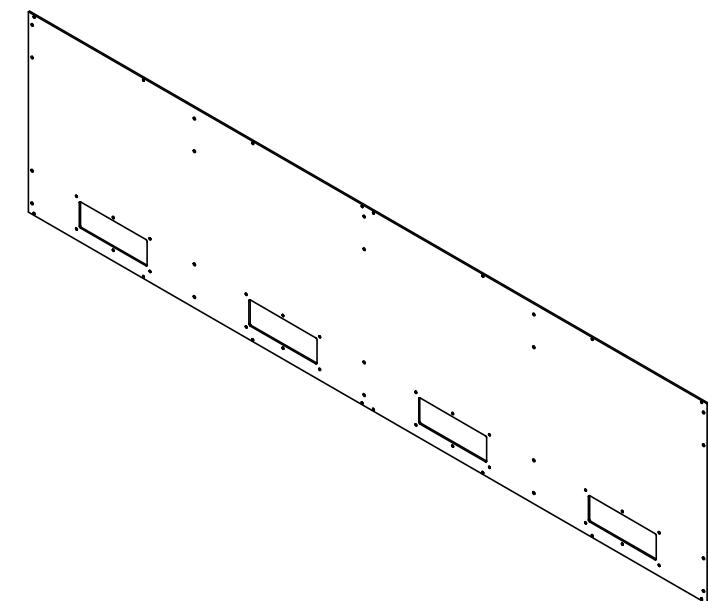
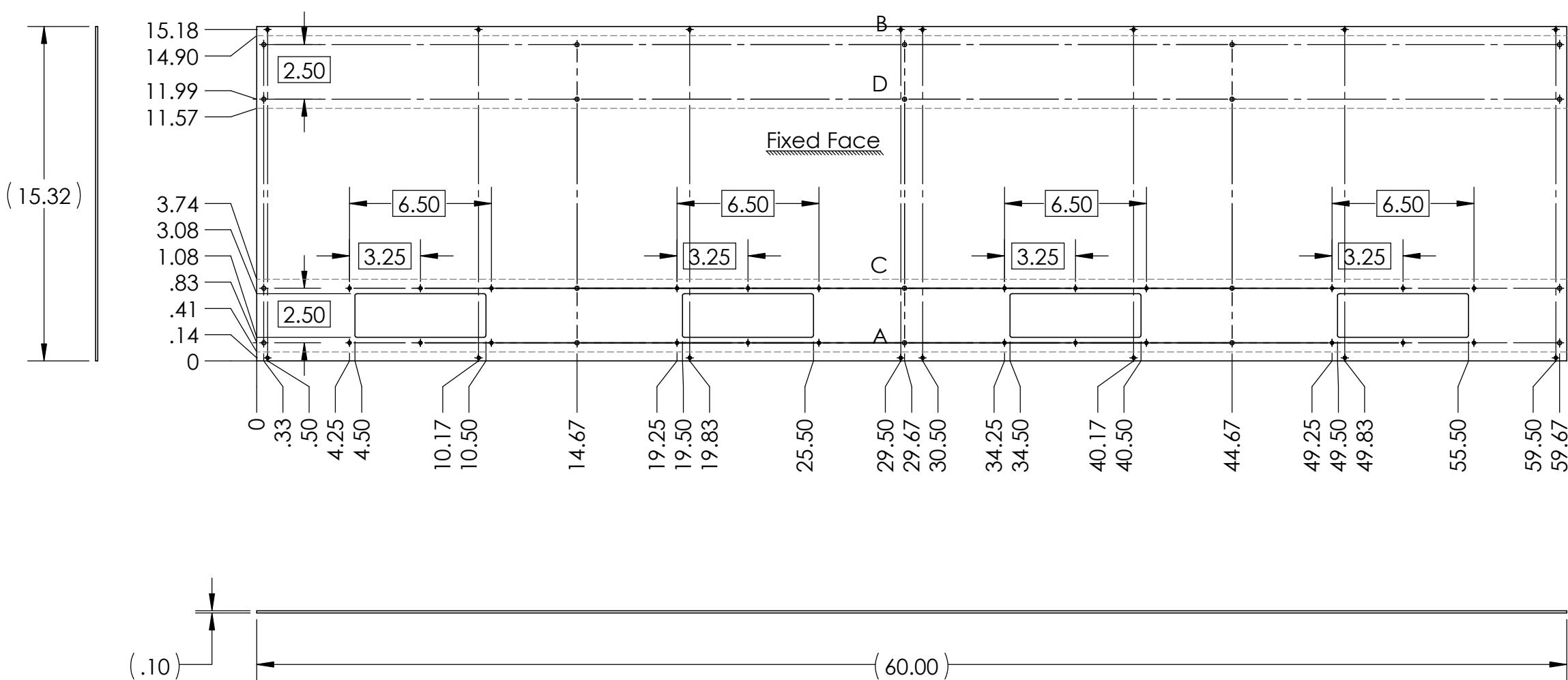
BILL OF MATERIALS

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

	NAME	DATE
DRAWN	ECMV	3/12/2025
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		
SIZE	DWG. NO.	REV
Baffle Assembly, BOM-		
SCALE: 1:50		SHEET 1 OF 21

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

TITLE:
Baffle Assembly

BACK SECTION, MIDDLE**BEND TABLE**

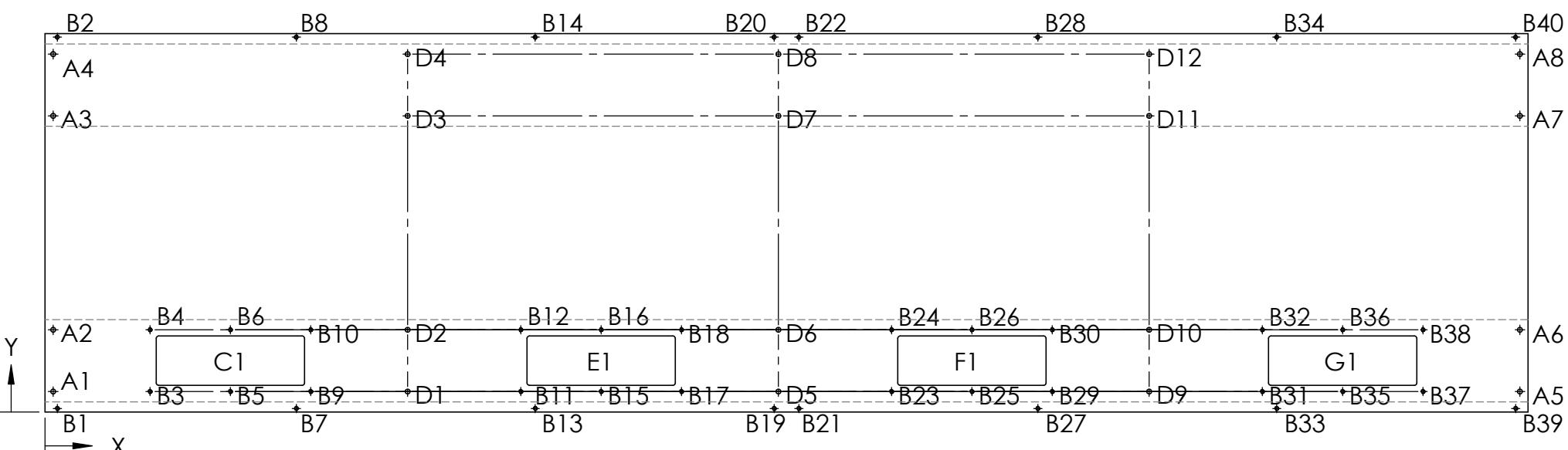
Tag	Direction	Angle	Inner Radius
A	DOWN	90°	0.12
B	DOWN	90°	0.12
C	DOWN	90°	0.12
D	DOWN	90°	0.12

	NAME	DATE	
DRAWN	ECMV	3/12/2025	TITLE:
CHECKED			Back Section
ENG APPR.			Middle
MFG APPR.			
Q.A.			
COMMENTS:			
SIZE	DWG. NO.	REV	
B ack Section Middle, Flat			
SCALE: 1:6		SHEET 2 OF 21	

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

HOLE TABLE

TAG	X LOC	Y LOC	SIZE	TAG	X LOC	Y LOC	SIZE
A1	.33	.83	ϕ .19 THRU	B23	34.25	.83	ϕ .14 THRU 8-32 UNC THRU
A2	.33	3.33	ϕ .19 THRU	B24	34.25	3.33	ϕ .14 THRU 8-32 UNC THRU
A3	.33	11.99	ϕ .19 THRU	B25	37.50	.83	ϕ .14 THRU 8-32 UNC THRU
A4	.33	14.49	ϕ .19 THRU	B26	37.50	3.33	ϕ .14 THRU 8-32 UNC THRU
A5	59.67	.83	ϕ .19 THRU	B27	40.17	.14	ϕ .14 THRU 8-32 UNC THRU
A6	59.67	3.33	ϕ .19 THRU	B28	40.17	15.18	ϕ .14 THRU 8-32 UNC THRU
A7	59.67	11.99	ϕ .19 THRU	B29	40.75	.83	ϕ .14 THRU 8-32 UNC THRU
A8	59.67	14.49	ϕ .19 THRU	B30	40.75	3.33	ϕ .14 THRU 8-32 UNC THRU
B1	.50	.14	ϕ .14 THRU 8-32 UNC THRU	B31	49.25	.83	ϕ .14 THRU 8-32 UNC THRU
B2	.50	15.18	ϕ .14 THRU 8-32 UNC THRU	B32	49.25	3.33	ϕ .14 THRU 8-32 UNC THRU
B3	4.25	.83	ϕ .14 THRU 8-32 UNC THRU	B33	49.83	.14	ϕ .14 THRU 8-32 UNC THRU
B4	4.25	3.33	ϕ .14 THRU 8-32 UNC THRU	B34	49.83	15.18	ϕ .14 THRU 8-32 UNC THRU
B5	7.50	.83	ϕ .14 THRU 8-32 UNC THRU	B35	52.50	.83	ϕ .14 THRU 8-32 UNC THRU
B6	7.50	3.33	ϕ .14 THRU 8-32 UNC THRU	B36	52.50	3.33	ϕ .14 THRU 8-32 UNC THRU
B7	10.17	.14	ϕ .14 THRU 8-32 UNC THRU	B37	55.75	.83	ϕ .14 THRU 8-32 UNC THRU
B8	10.17	15.18	ϕ .14 THRU 8-32 UNC THRU	B38	55.75	3.33	ϕ .14 THRU 8-32 UNC THRU
B9	10.75	.83	ϕ .14 THRU 8-32 UNC THRU	B39	59.50	.14	ϕ .14 THRU 8-32 UNC THRU
B10	10.75	3.33	ϕ .14 THRU 8-32 UNC THRU	B40	59.50	15.18	ϕ .14 THRU 8-32 UNC THRU
B11	19.25	.83	ϕ .14 THRU 8-32 UNC THRU	C1	7.50	2.08	
B12	19.25	3.33	ϕ .14 THRU 8-32 UNC THRU	D1	14.67	.83	ϕ .19 THRU ALL
B13	19.83	.14	ϕ .14 THRU 8-32 UNC THRU	D2	14.67	3.33	ϕ .19 THRU ALL
B14	19.83	15.18	ϕ .14 THRU 8-32 UNC THRU	D3	14.67	11.99	ϕ .19 THRU ALL
B15	22.50	.83	ϕ .14 THRU 8-32 UNC THRU	D4	14.67	14.49	ϕ .19 THRU ALL
B16	22.50	3.33	ϕ .14 THRU 8-32 UNC THRU	D5	29.67	.83	ϕ .19 THRU ALL
B17	25.75	.83	ϕ .14 THRU 8-32 UNC THRU	D6	29.67	3.33	ϕ .19 THRU ALL
B18	25.75	3.33	ϕ .14 THRU 8-32 UNC THRU	D7	29.67	11.99	ϕ .19 THRU ALL
B19	29.50	.14	ϕ .14 THRU 8-32 UNC THRU	D8	29.67	14.49	ϕ .19 THRU ALL
B20	29.50	15.18	ϕ .14 THRU 8-32 UNC THRU	D9	44.67	.83	ϕ .19 THRU ALL
B21	30.50	.14	ϕ .14 THRU 8-32 UNC THRU	D10	44.67	3.33	ϕ .19 THRU ALL
B22	30.50	15.18	ϕ .14 THRU 8-32 UNC THRU	D11	44.67	11.99	ϕ .19 THRU ALL
				D12	44.67	14.49	ϕ .19 THRU ALL
				E1	22.50	2.08	
				F1	37.50	2.08	
				G1	2.08	52.50	

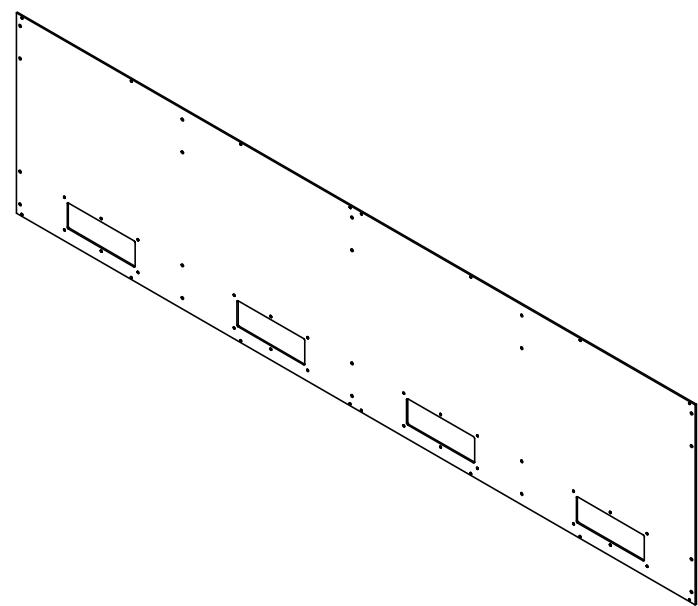
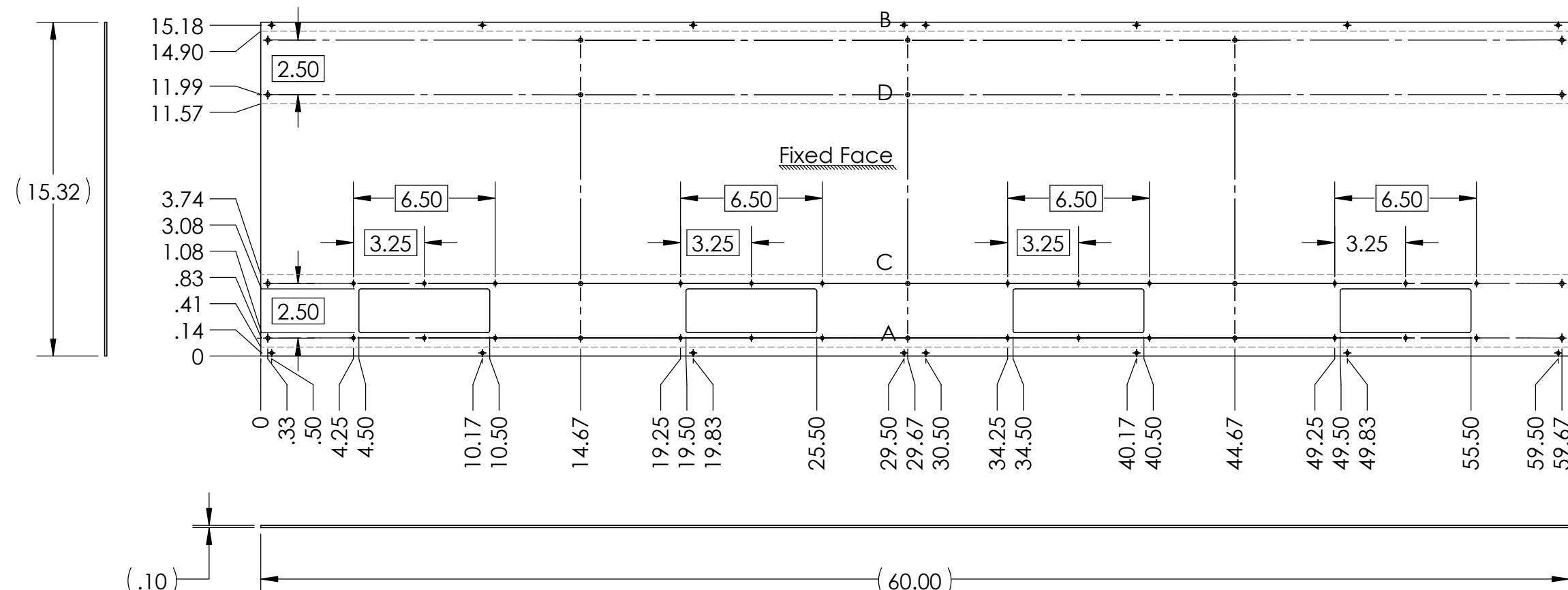
**BACK SECTION, MIDDLE
HOLE TABLE**

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

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

Title:
Back Section
Middle, Hole Table

BACK SECTION, DOWNSTREAM**BEND TABLE**

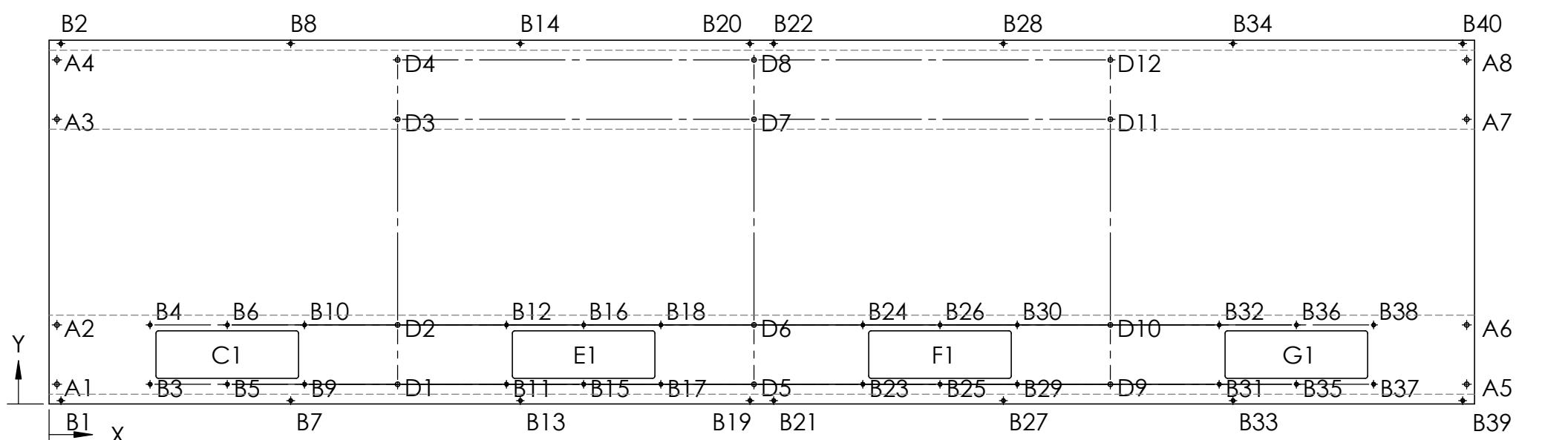
Tag	Direction	Angle	Inner Radius
A	DOWN	90°	0.12
B	DOWN	90°	0.12
C	DOWN	90°	0.12
D	DOWN	90°	0.12

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

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

HOLE TABLE

TAG	X LOC	Y LOC	SIZE	TAG	X LOC	Y LOC	SIZE
A1	.33	.83	ϕ .19 THRU	B24	34.25	3.33	ϕ .14 THRU 8-32 UNC THRU
A2	.33	3.33	ϕ .19 THRU	B25	37.50	.83	ϕ .14 THRU 8-32 UNC THRU
A3	.33	11.99	ϕ .19 THRU	B26	37.50	3.33	ϕ .14 THRU 8-32 UNC THRU
A4	.33	14.49	ϕ .19 THRU	B27	40.17	.14	ϕ .14 THRU 8-32 UNC THRU
A5	59.67	.83	ϕ .19 THRU	B28	40.17	15.18	ϕ .14 THRU 8-32 UNC THRU
A6	59.67	3.33	ϕ .19 THRU	B29	40.75	.83	ϕ .14 THRU 8-32 UNC THRU
A7	59.67	11.99	ϕ .19 THRU	B30	40.75	3.33	ϕ .14 THRU 8-32 UNC THRU
A8	59.67	14.49	ϕ .19 THRU	B31	49.25	.83	ϕ .14 THRU 8-32 UNC THRU
B1	.50	.14	ϕ .14 THRU 8-32 UNC THRU	B32	49.25	3.33	ϕ .14 THRU 8-32 UNC THRU
B2	.50	15.18	ϕ .14 THRU 8-32 UNC THRU	B33	49.83	.14	ϕ .14 THRU 8-32 UNC THRU
B3	4.25	.83	ϕ .14 THRU 8-32 UNC THRU	B34	49.83	15.18	ϕ .14 THRU 8-32 UNC THRU
B4	4.25	3.33	ϕ .14 THRU 8-32 UNC THRU	B35	52.50	.83	ϕ .14 THRU 8-32 UNC THRU
B5	7.50	.83	ϕ .14 THRU 8-32 UNC THRU	B36	52.50	3.33	ϕ .14 THRU 8-32 UNC THRU
B6	7.50	3.33	ϕ .14 THRU 8-32 UNC THRU	B37	55.75	.83	ϕ .14 THRU 8-32 UNC THRU
B7	10.17	.14	ϕ .14 THRU 8-32 UNC THRU	B38	55.75	3.33	ϕ .14 THRU 8-32 UNC THRU
B8	10.17	15.18	ϕ .14 THRU 8-32 UNC THRU	B39	59.50	.14	ϕ .14 THRU 8-32 UNC THRU
B9	10.75	.83	ϕ .14 THRU 8-32 UNC THRU	C1	7.50	2.08	
B10	10.75	3.33	ϕ .14 THRU 8-32 UNC THRU	D1	14.67	.83	ϕ .19 THRU ALL
B11	19.25	.83	ϕ .14 THRU 8-32 UNC THRU	D2	14.67	3.33	ϕ .19 THRU ALL
B12	19.25	3.33	ϕ .14 THRU 8-32 UNC THRU	D3	14.67	11.99	ϕ .19 THRU ALL
B13	19.83	.14	ϕ .14 THRU 8-32 UNC THRU	D4	14.67	14.49	ϕ .19 THRU ALL
B14	19.83	15.18	ϕ .14 THRU 8-32 UNC THRU	D5	29.67	.83	ϕ .19 THRU ALL
B15	22.50	.83	ϕ .14 THRU 8-32 UNC THRU	D6	29.67	3.33	ϕ .19 THRU ALL
B16	22.50	3.33	ϕ .14 THRU 8-32 UNC THRU	D7	29.67	11.99	ϕ .19 THRU ALL
B17	25.75	.83	ϕ .14 THRU 8-32 UNC THRU	D8	29.67	14.49	ϕ .19 THRU ALL
B18	25.75	3.33	ϕ .14 THRU 8-32 UNC THRU	D9	44.67	.83	ϕ .19 THRU ALL
B19	29.50	.14	ϕ .14 THRU 8-32 UNC THRU	D10	44.67	3.33	ϕ .19 THRU ALL
B20	29.50	15.18	ϕ .14 THRU 8-32 UNC THRU	D11	44.67	11.99	ϕ .19 THRU ALL
B21	30.50	.14	ϕ .14 THRU 8-32 UNC THRU	D12	44.67	14.49	ϕ .19 THRU ALL
B22	30.50	15.18	ϕ .14 THRU 8-32 UNC THRU	E1	22.50	2.08	
B23	34.25	.83	ϕ .14 THRU 8-32 UNC THRU	F1	37.50	2.08	
				G1	52.50	2.08	

**BACK SECTION, DOWNSTREAM
HOLE TABLE**

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

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

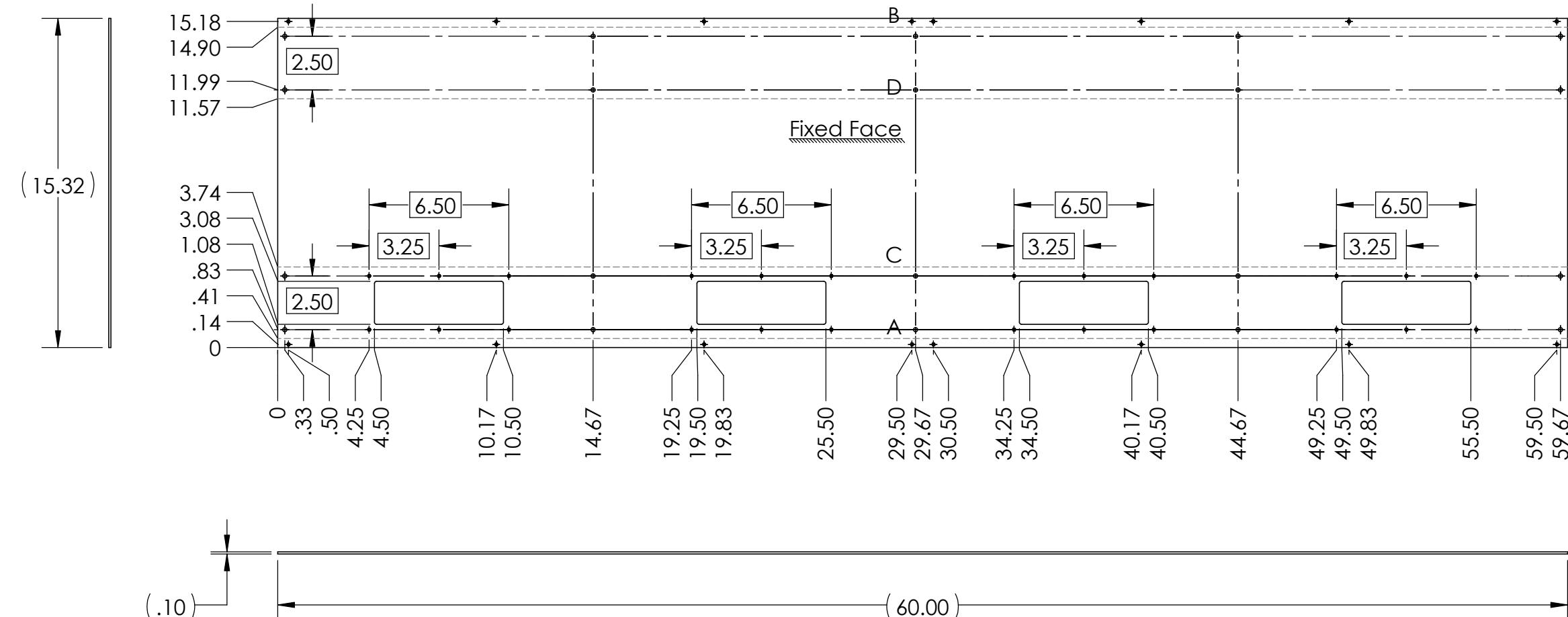
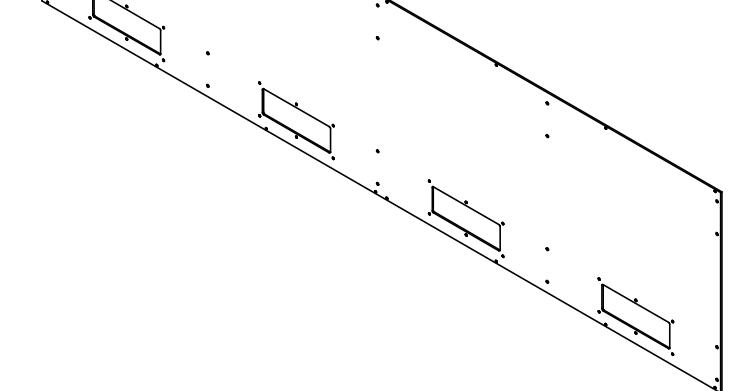
BACK SECTION, UPSTREAM

D

C

B

A

**BEND TABLE**

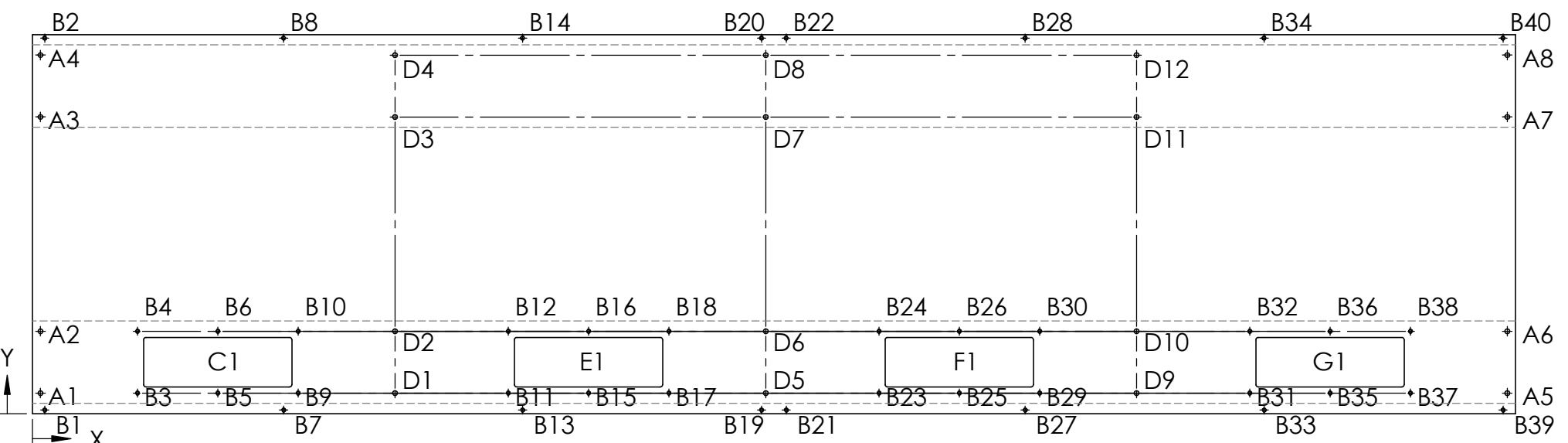
Tag	Direction	Angle	Inner Radius
A	DOWN	90°	0.12
B	DOWN	90°	0.12
C	DOWN	90°	0.12
D	DOWN	90°	0.12

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

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

HOLE TABLE

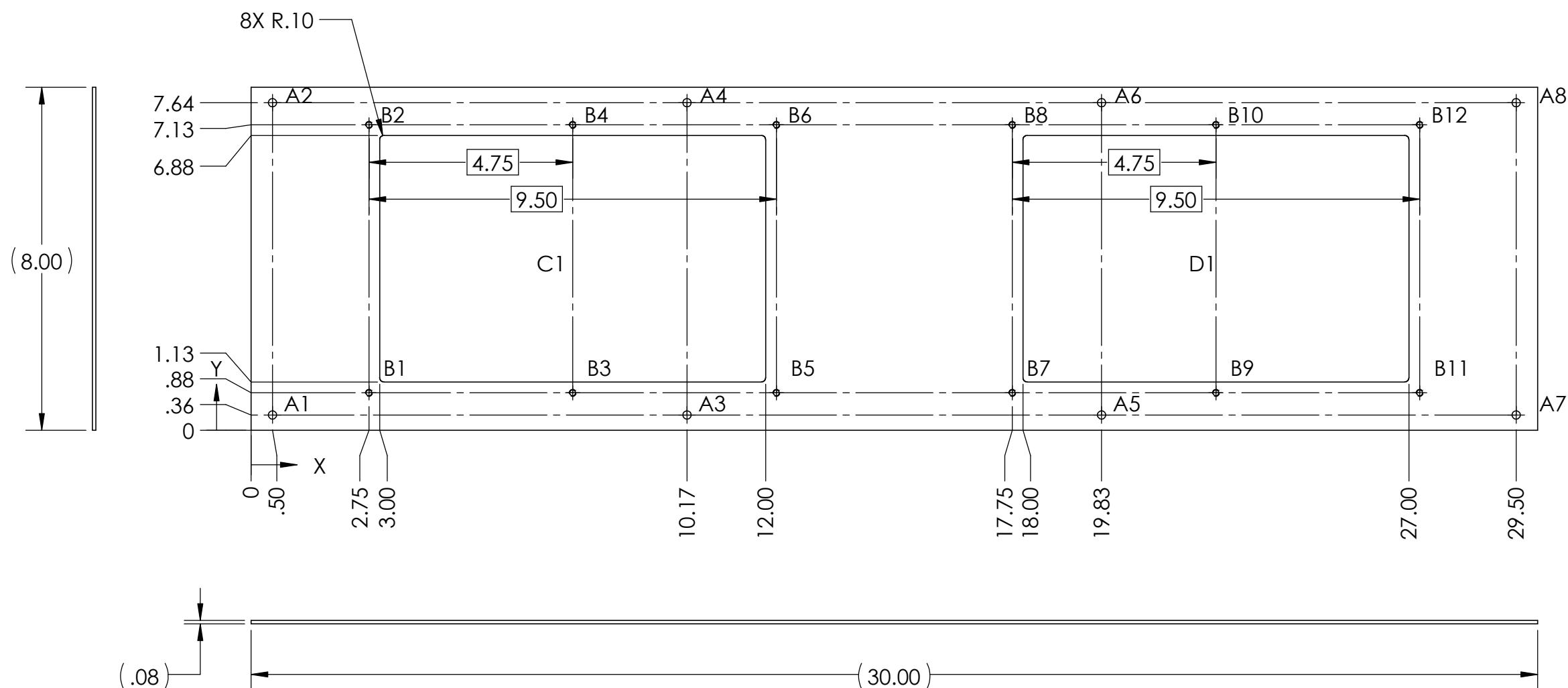
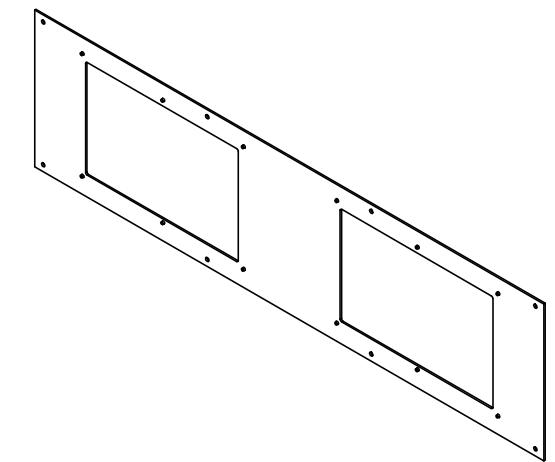
TAG	X LOC	Y LOC	SIZE	TAG	X LOC	Y LOC	SIZE
A1	.33	.83	ϕ .19 THRU	B24	34.25	3.33	ϕ .14 THRU 8-32 UNC THRU
A2	.33	3.33	ϕ .19 THRU	B25	37.50	.83	ϕ .14 THRU 8-32 UNC THRU
A3	.33	11.99	ϕ .19 THRU	B26	37.50	3.33	ϕ .14 THRU 8-32 UNC THRU
A4	.33	14.49	ϕ .19 THRU	B27	40.17	.14	ϕ .14 THRU 8-32 UNC THRU
A5	59.67	.83	ϕ .19 THRU	B28	40.17	15.18	ϕ .14 THRU 8-32 UNC THRU
A6	59.67	3.33	ϕ .19 THRU	B29	40.75	.83	ϕ .14 THRU 8-32 UNC THRU
A7	59.67	11.99	ϕ .19 THRU	B30	40.75	3.33	ϕ .14 THRU 8-32 UNC THRU
A8	59.67	14.49	ϕ .19 THRU	B31	49.25	.83	ϕ .14 THRU 8-32 UNC THRU
B1	.50	.14	ϕ .14 THRU 8-32 UNC THRU	B32	49.25	3.33	ϕ .14 THRU 8-32 UNC THRU
B2	.50	15.18	ϕ .14 THRU 8-32 UNC THRU	B33	49.83	.14	ϕ .14 THRU 8-32 UNC THRU
B3	4.25	.83	ϕ .14 THRU 8-32 UNC THRU	B34	49.83	15.18	ϕ .14 THRU 8-32 UNC THRU
B4	4.25	3.33	ϕ .14 THRU 8-32 UNC THRU	B35	52.50	.83	ϕ .14 THRU 8-32 UNC THRU
B5	7.50	.83	ϕ .14 THRU 8-32 UNC THRU	B36	52.50	3.33	ϕ .14 THRU 8-32 UNC THRU
B6	7.50	3.33	ϕ .14 THRU 8-32 UNC THRU	B37	55.75	.83	ϕ .14 THRU 8-32 UNC THRU
B7	10.17	.14	ϕ .14 THRU 8-32 UNC THRU	B38	55.75	3.33	ϕ .14 THRU 8-32 UNC THRU
B8	10.17	15.18	ϕ .14 THRU 8-32 UNC THRU	B39	59.50	.14	ϕ .14 THRU 8-32 UNC THRU
B9	10.75	.83	ϕ .14 THRU 8-32 UNC THRU	B40	59.50	15.18	ϕ .14 THRU 8-32 UNC THRU
B10	10.75	3.33	ϕ .14 THRU 8-32 UNC THRU	C1	7.50	2.08	
B11	19.25	.83	ϕ .14 THRU 8-32 UNC THRU	D1	14.67	.83	ϕ .19 THRU ALL
B12	19.25	3.33	ϕ .14 THRU 8-32 UNC THRU	D2	14.67	3.33	ϕ .19 THRU ALL
B13	19.83	.14	ϕ .14 THRU 8-32 UNC THRU	D3	14.67	11.99	ϕ .19 THRU ALL
B14	19.83	15.18	ϕ .14 THRU 8-32 UNC THRU	D4	14.67	14.49	ϕ .19 THRU ALL
B15	22.50	.83	ϕ .14 THRU 8-32 UNC THRU	D5	29.67	.83	ϕ .19 THRU ALL
B16	22.50	3.33	ϕ .14 THRU 8-32 UNC THRU	D6	29.67	3.33	ϕ .19 THRU ALL
B17	25.75	.83	ϕ .14 THRU 8-32 UNC THRU	D7	29.67	11.99	ϕ .19 THRU ALL
B18	25.75	3.33	ϕ .14 THRU 8-32 UNC THRU	D8	29.67	14.49	ϕ .19 THRU ALL
B19	29.50	.14	ϕ .14 THRU 8-32 UNC THRU	D9	44.67	.83	ϕ .19 THRU ALL
B20	29.50	15.18	ϕ .14 THRU 8-32 UNC THRU	D10	44.67	3.33	ϕ .19 THRU ALL
B21	30.50	.14	ϕ .14 THRU 8-32 UNC THRU	D11	44.67	11.99	ϕ .19 THRU ALL
B22	30.50	15.18	ϕ .14 THRU 8-32 UNC THRU	D12	44.67	14.49	ϕ .19 THRU ALL
B23	34.25	.83	ϕ .14 THRU 8-32 UNC THRU	E1	22.50	2.08	
				F1	37.50	2.08	
				G1	52.50	2.08	

**BACK SECTION, UPSTREAM
HOLE TABLE**

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

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

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.		

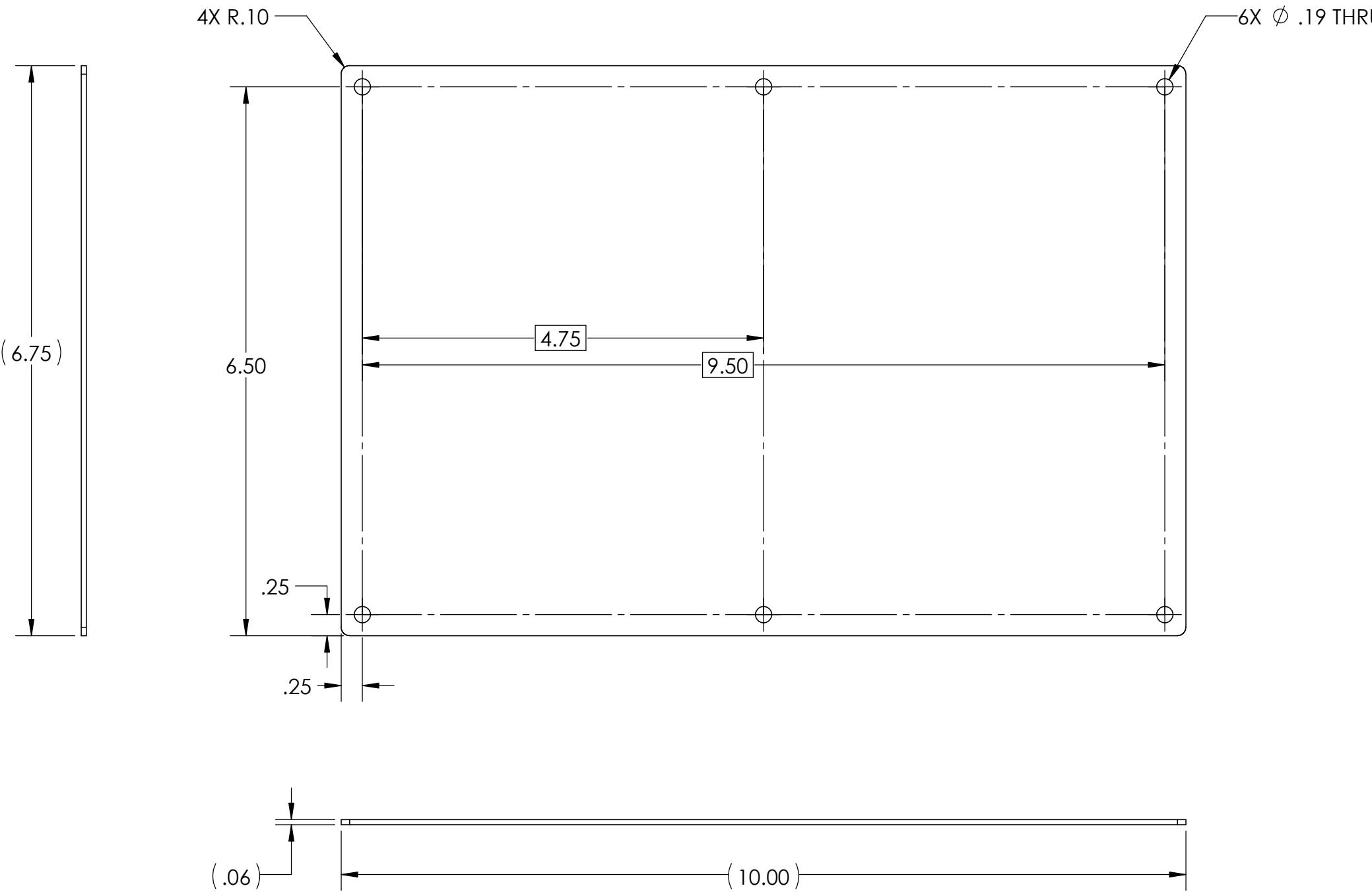
TITLE:

Front Facade

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

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

6 5 4 3 2 1

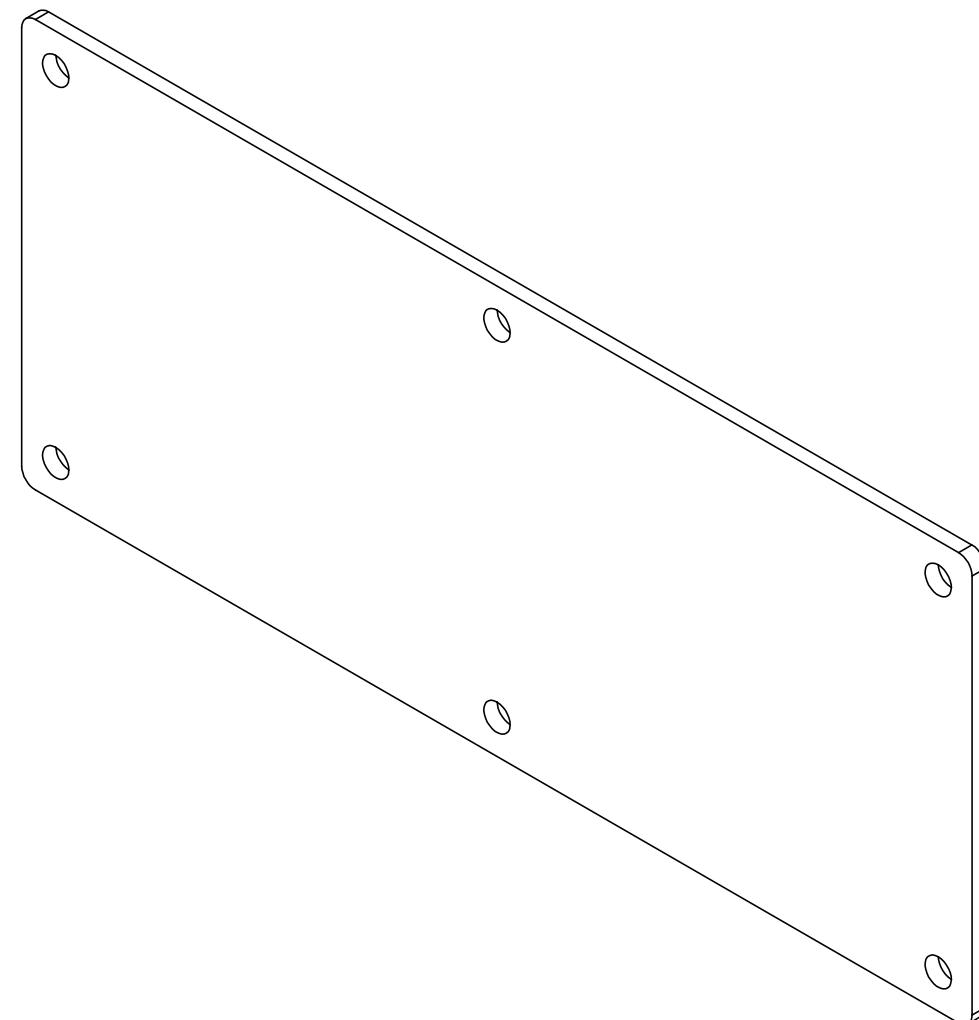
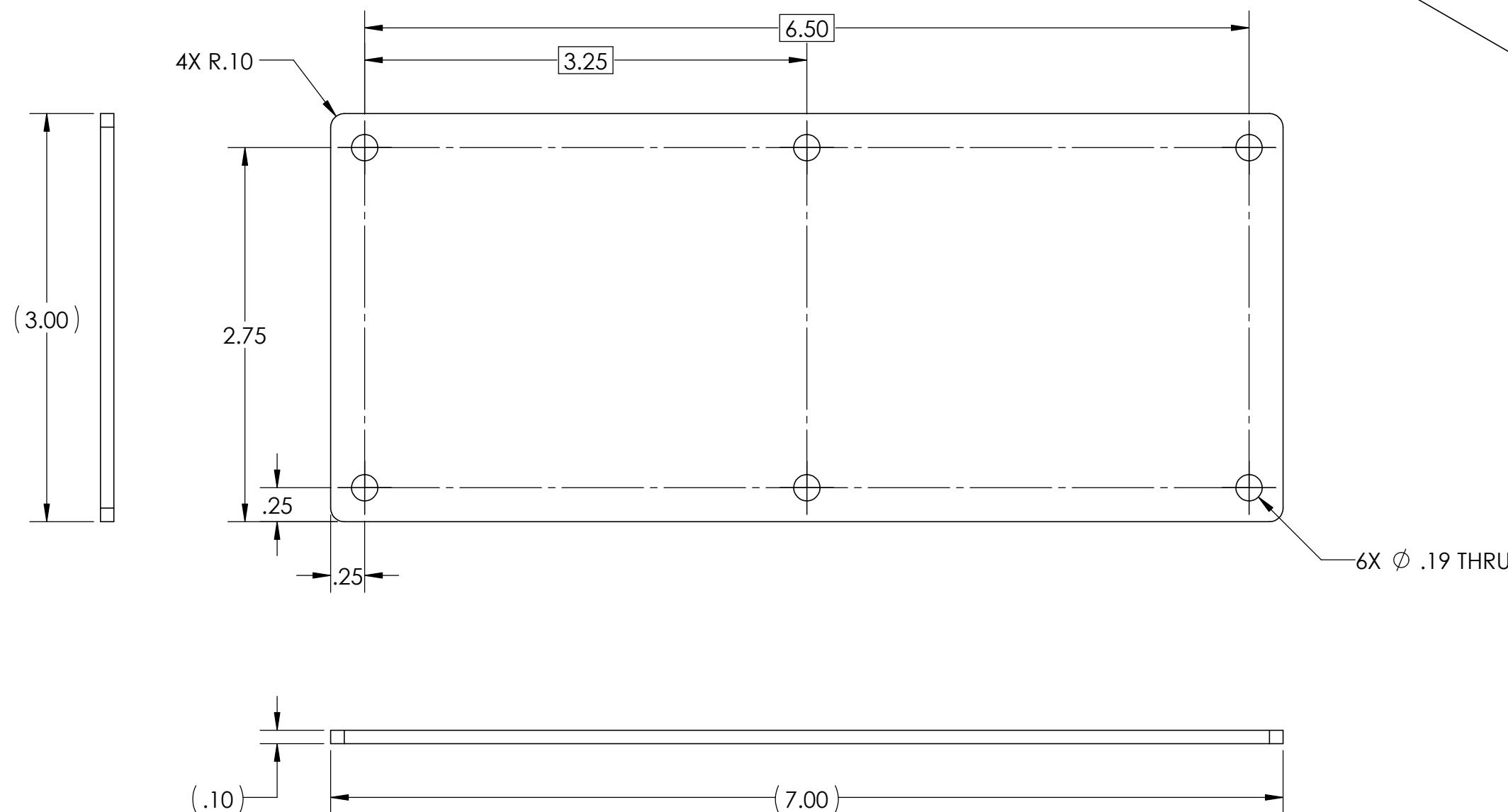
FACE PLATE BLANK

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

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

6 5 4 3 2 1

FACE PLATE, LOWER BLANK



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF THE
ADVANCED STRUCTURES AND COMPOSITE
CENTER. ANY REPRODUCTION IN PART
OR AS A WHOLE WITHOUT THE WRITTEN
PERMISSION OF THE ADVANCED SYSTEMS
AND COMPOSITE CENTER IS PROHIBITED.

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

6

5

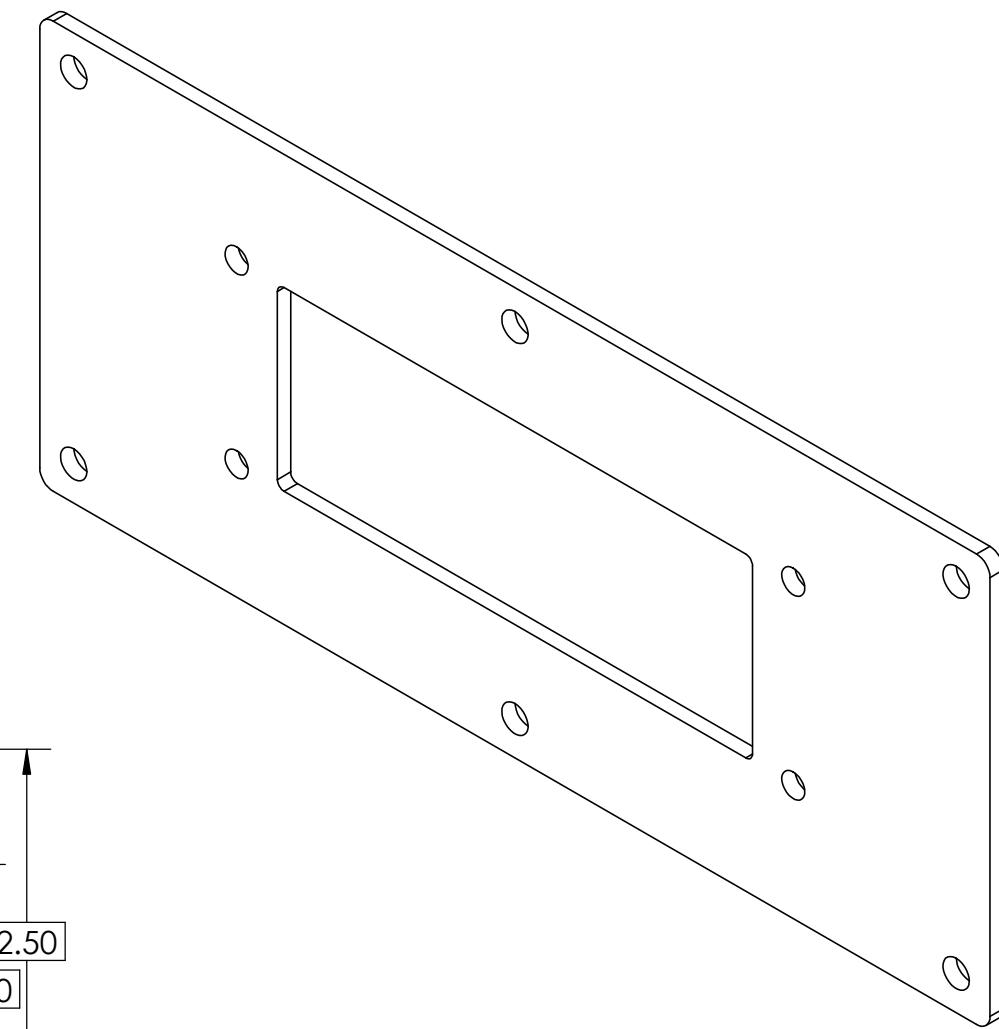
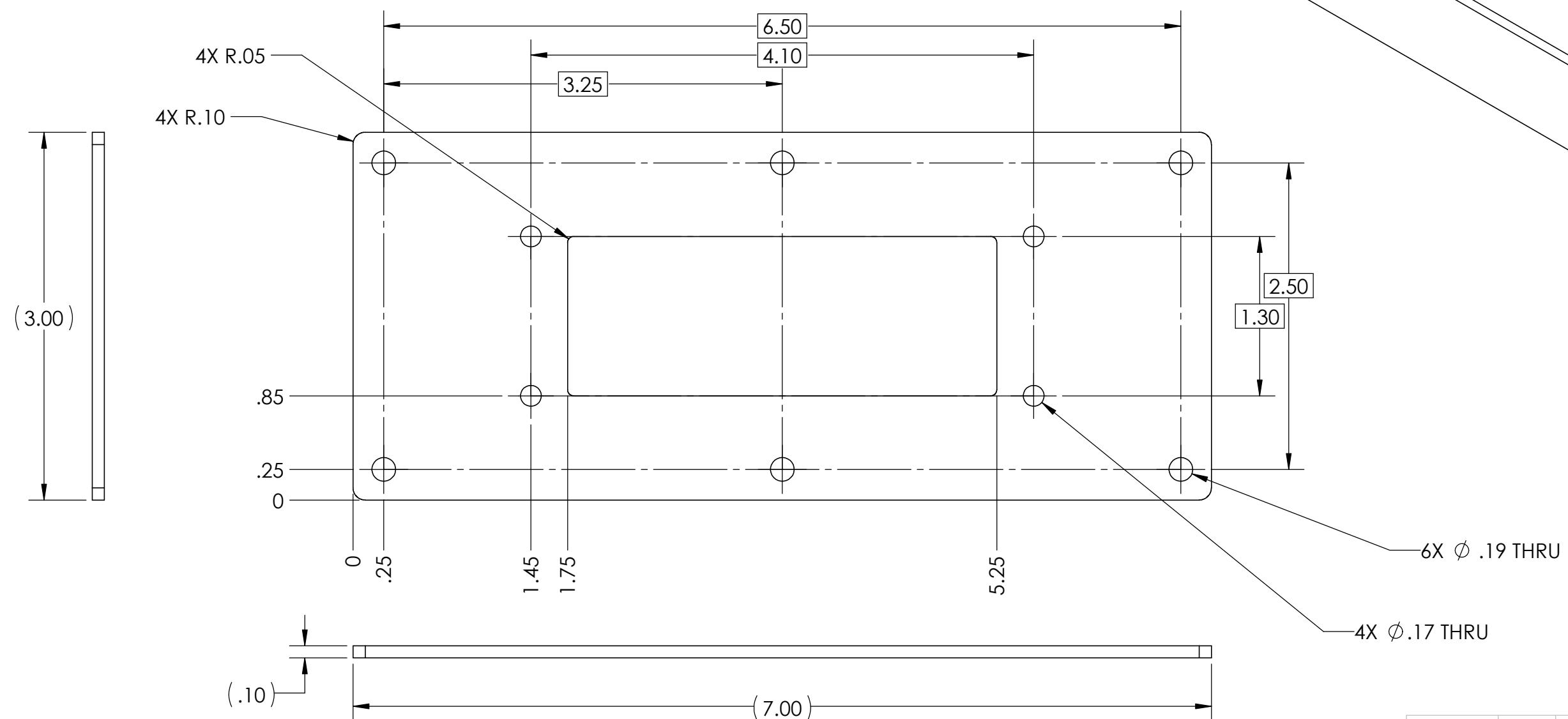
4

3

2

1

FACE PLATE, LOWER 16



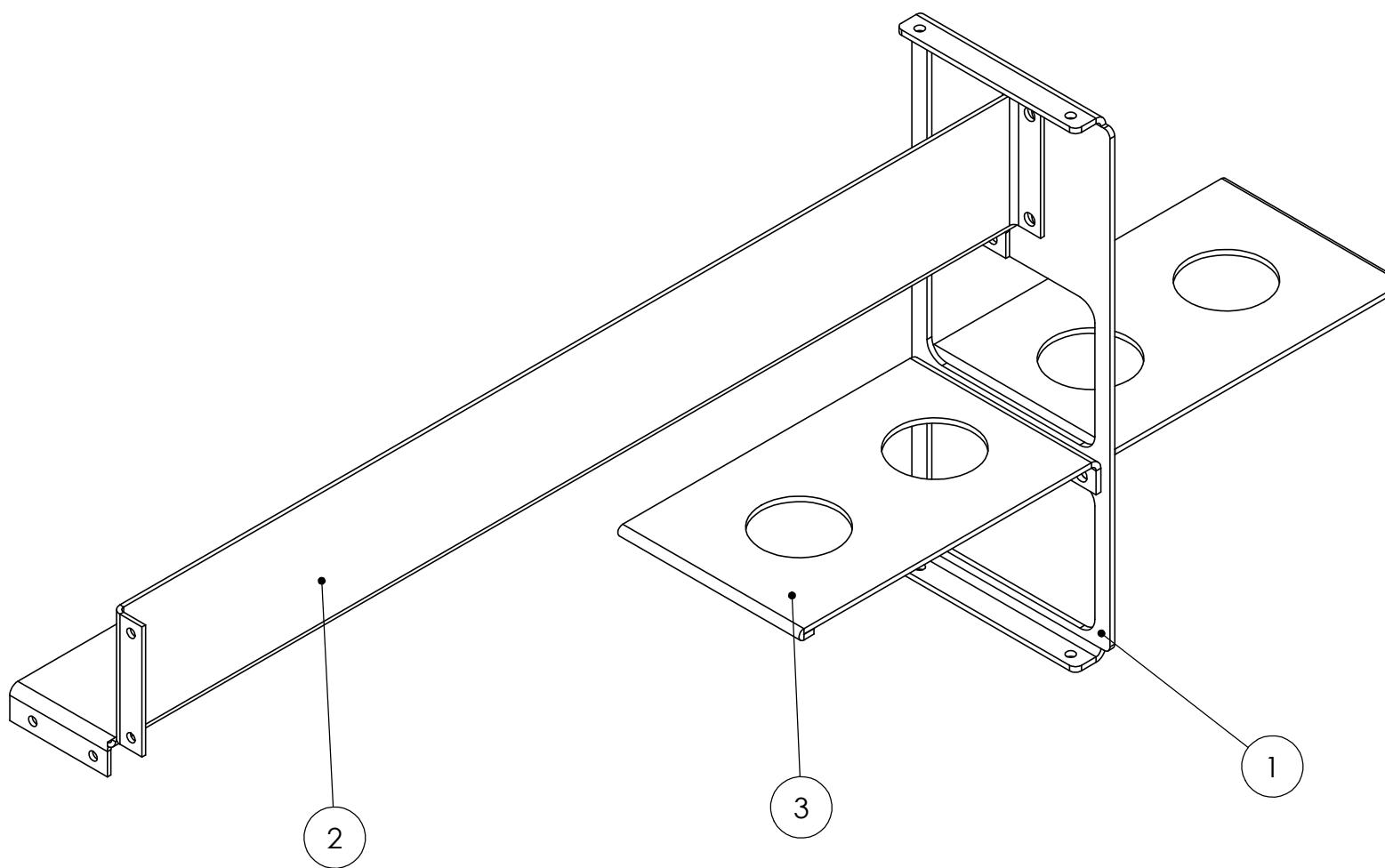
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF THE
ADVANCED STRUCTURES AND COMPOSITE
CENTER. ANY REPRODUCTION IN PART
OR AS A WHOLE WITHOUT THE WRITTEN
PERMISSION OF THE ADVANCED SYSTEMS
AND COMPOSITE CENTER IS PROHIBITED.

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

Face Plate
Lower 16

SIZE	DWG. NO.	REV
B	Face Plate Lower 16 -	
SCALE: 1:1		SHEET 11 OF 21

INTERIOR BAFFLE ASSEMBLY



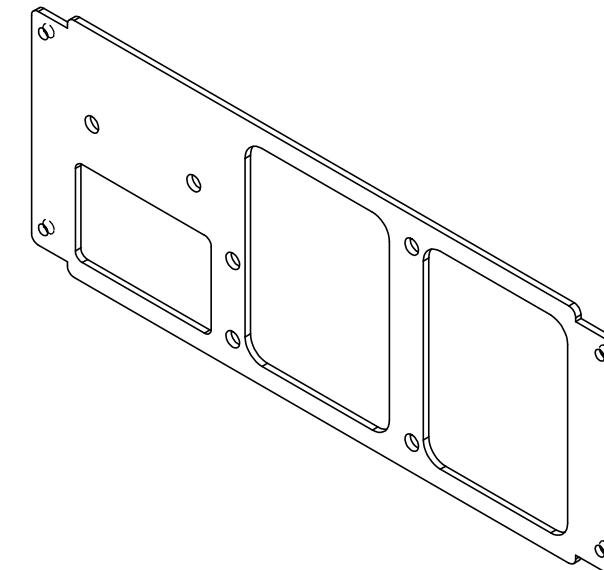
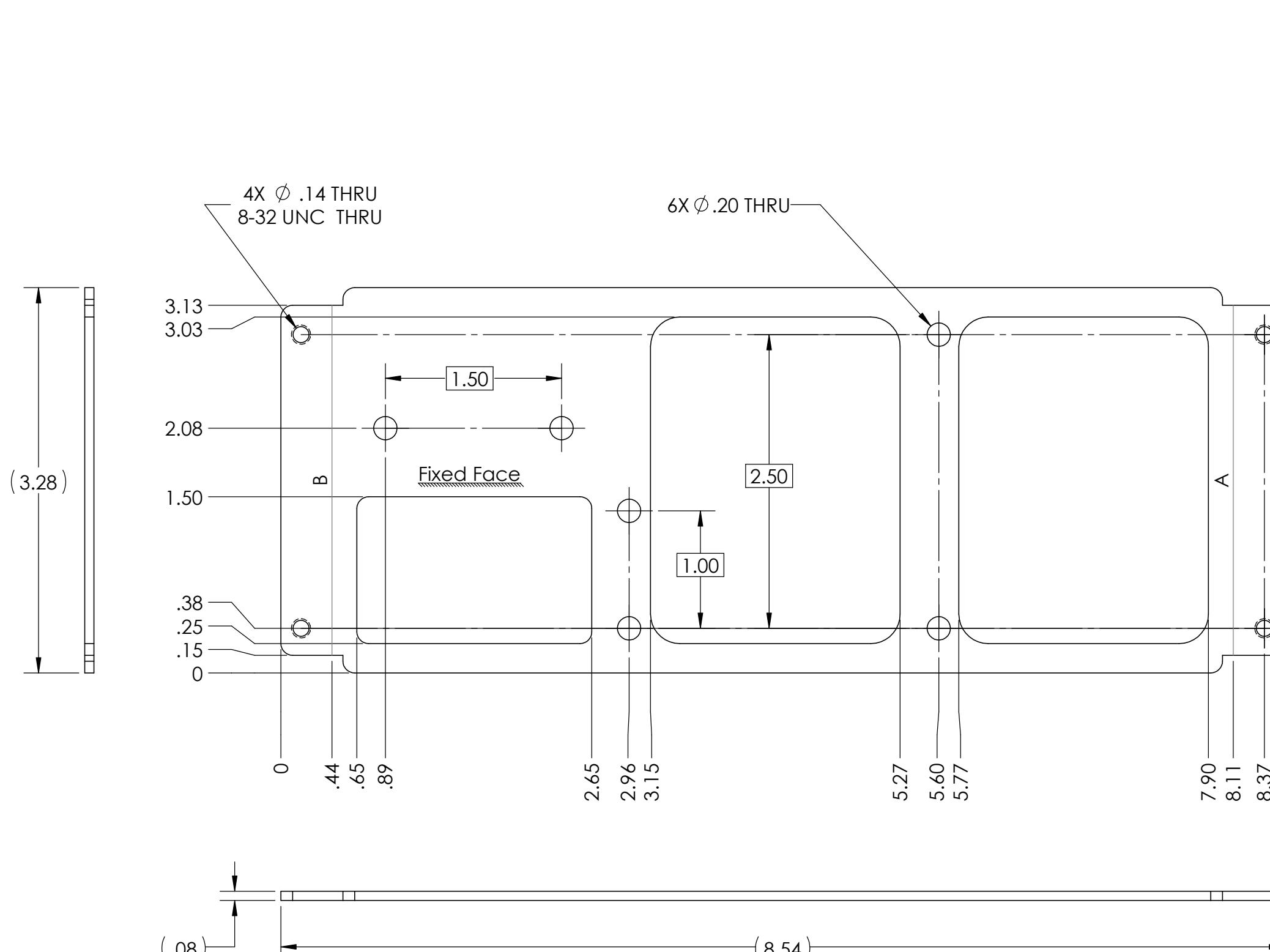
BILL OF MATERIALS

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

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

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

INTERIOR BAFFLE, FLAT



BEND TABLE

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

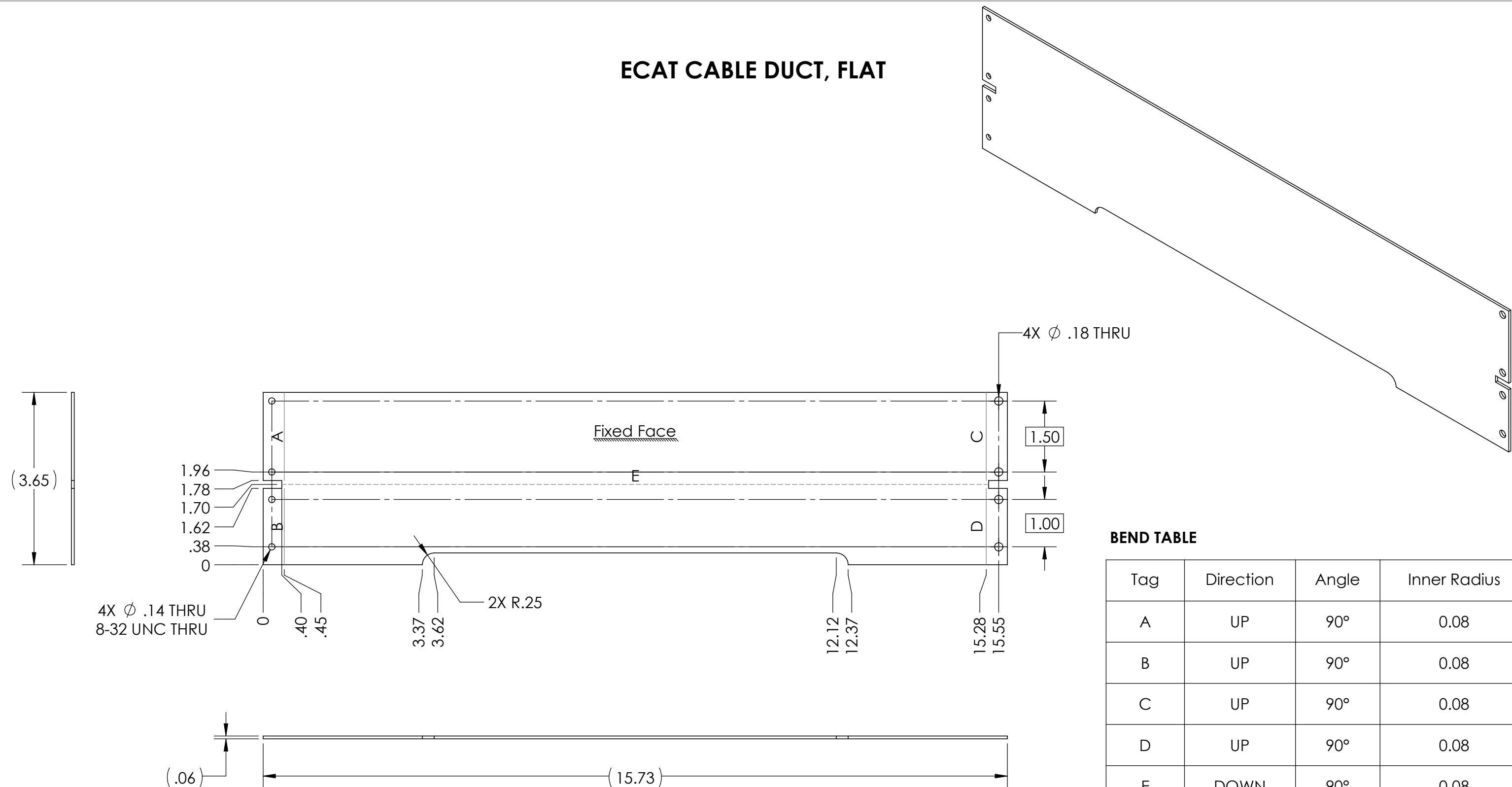
	NAME	DATE	
DRAWN	ECMV	3/12/2025	
CHECKED			TITLE:
ENG APPR.			Interior Baffle, Flat
MFG APPR.			
Q.A.			
COMMENTS:			

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

SIZE DWG. NO. REV
B M01-036 -

SCALE: 1:3 SHEET 13 OF 21

ECAT CABLE DUCT, FLAT



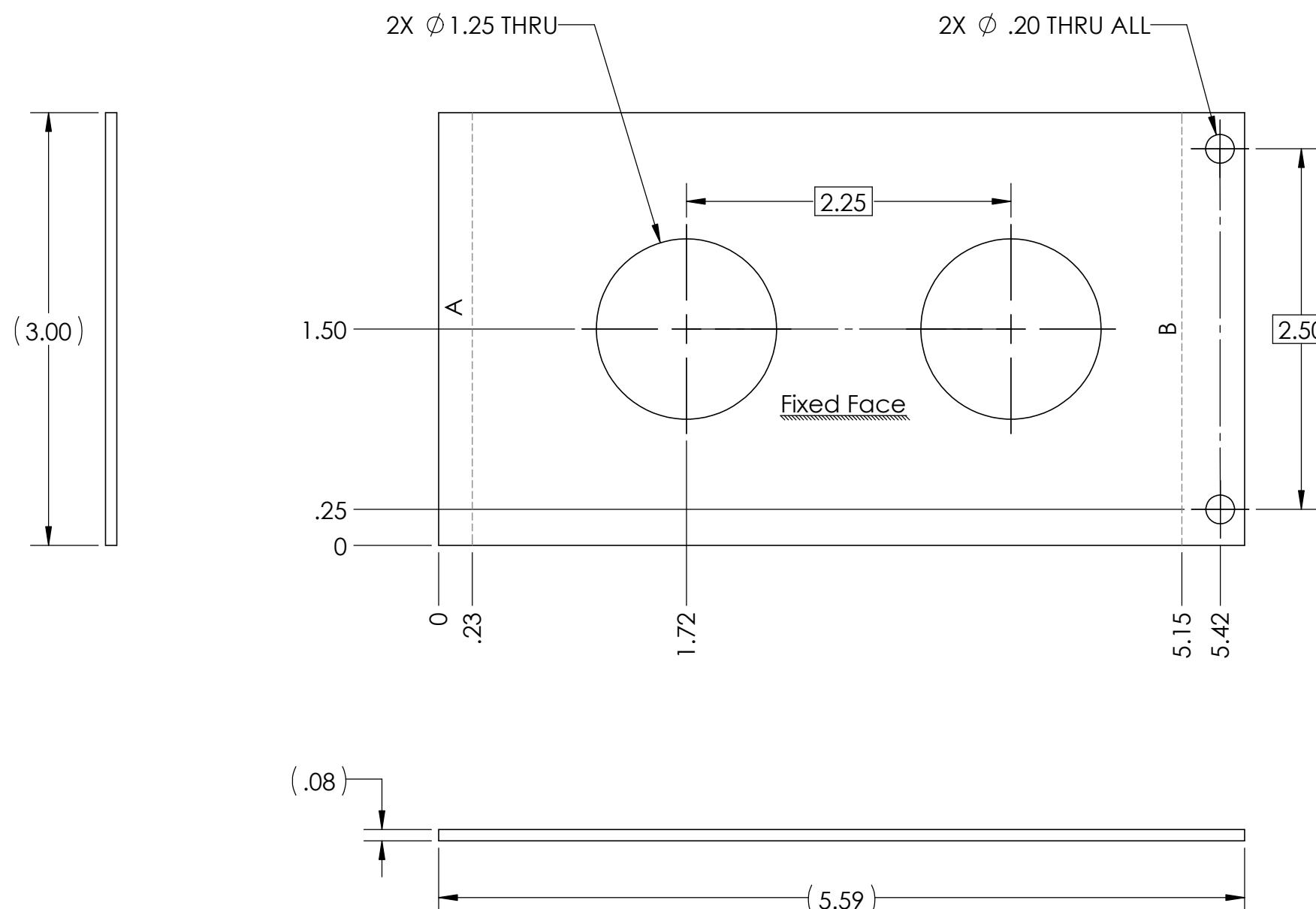
Tag	Direction	Angle	Inner Radius
A	UP	90°	0.08
B	UP	90°	0.08
C	UP	90°	0.08
D	UP	90°	0.08
E	DOWN	90°	0.08

	NAME	DATE	
DRAWN	ECMV	3/12/2025	
CHECKED			
ENG APPR.			
MFG APPR.			
Q.A.			
COMMENTS:			
E SITE	SIZE	DWG. NO.	REV
S D.	B		-
	SCALE: 1:3		SHEET 14 OF 21

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITES CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

CABLE SUPPORT, FLAT



BEND TABLE

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

TITLE:
Cable Support
Flat

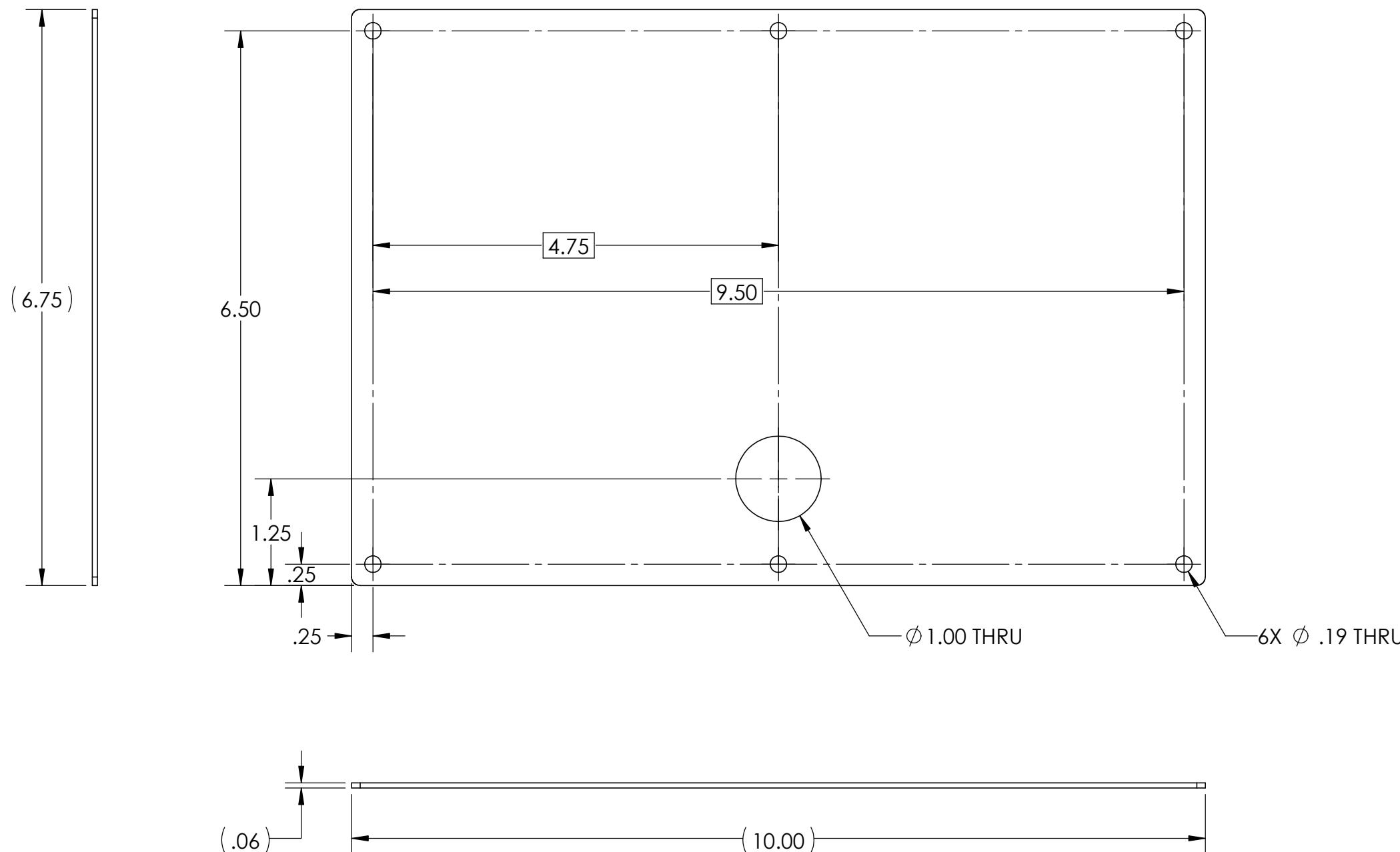
PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

SIZE B	DWG. NO. M01-036	REV -
SCALE: 1:3		SHEET 15 OF 21

6 5 4 3 2 1

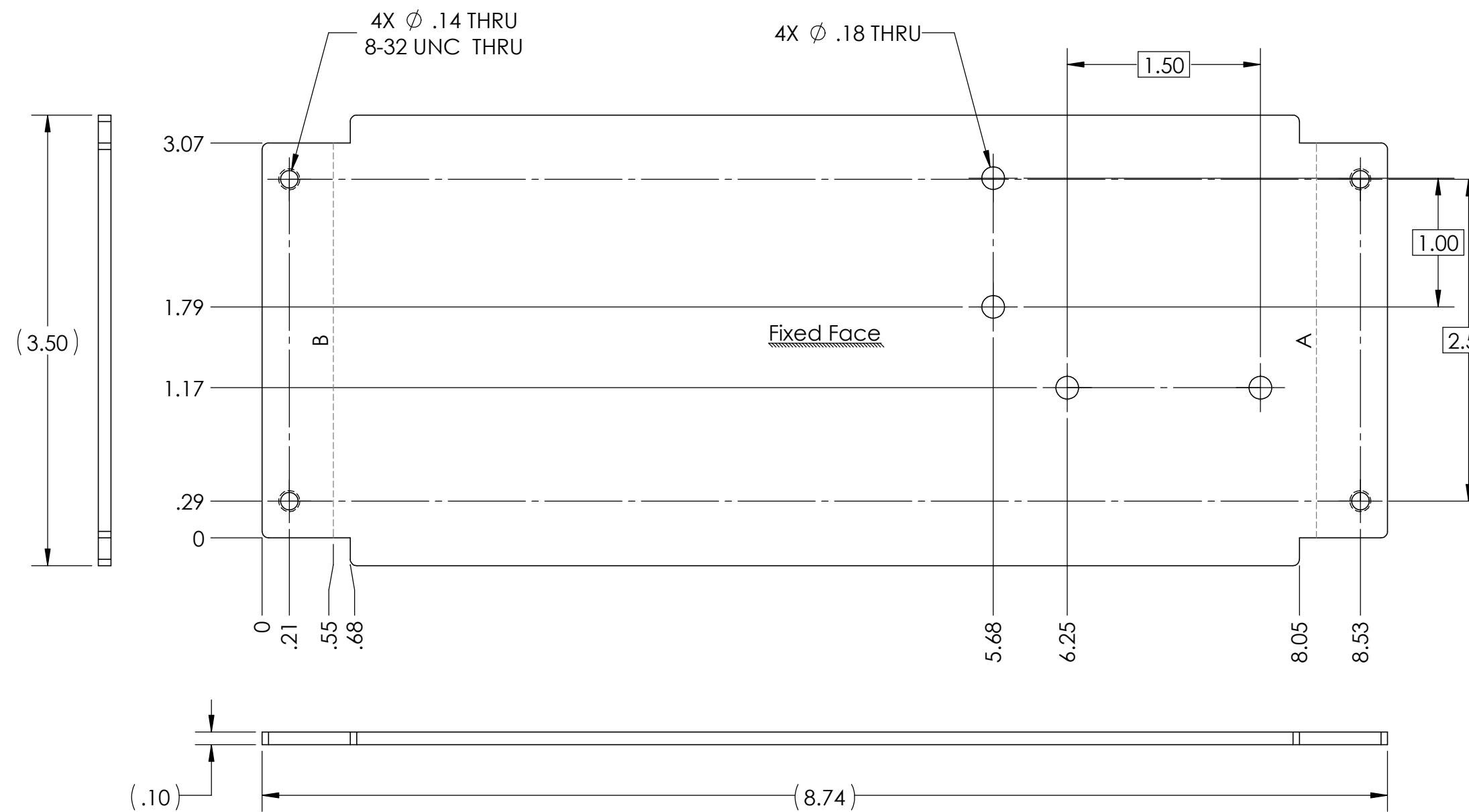
FACE PLATE RJ45



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.

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

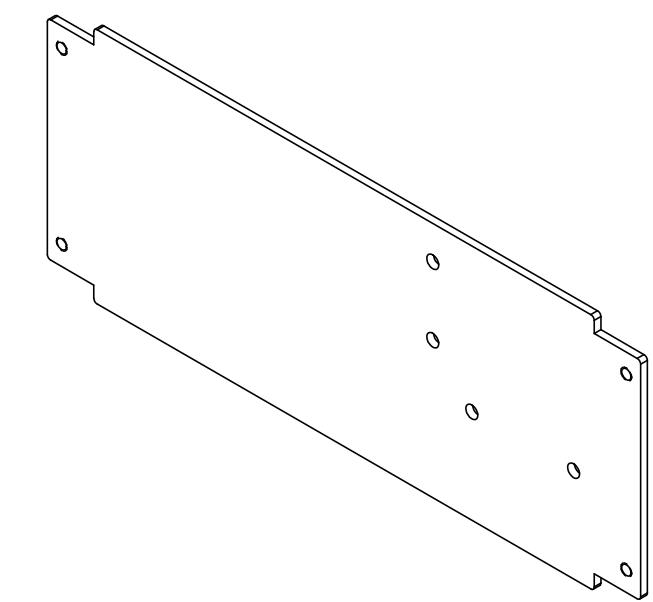
6 5 4 3 2 1

END CAP, FLAT

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

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

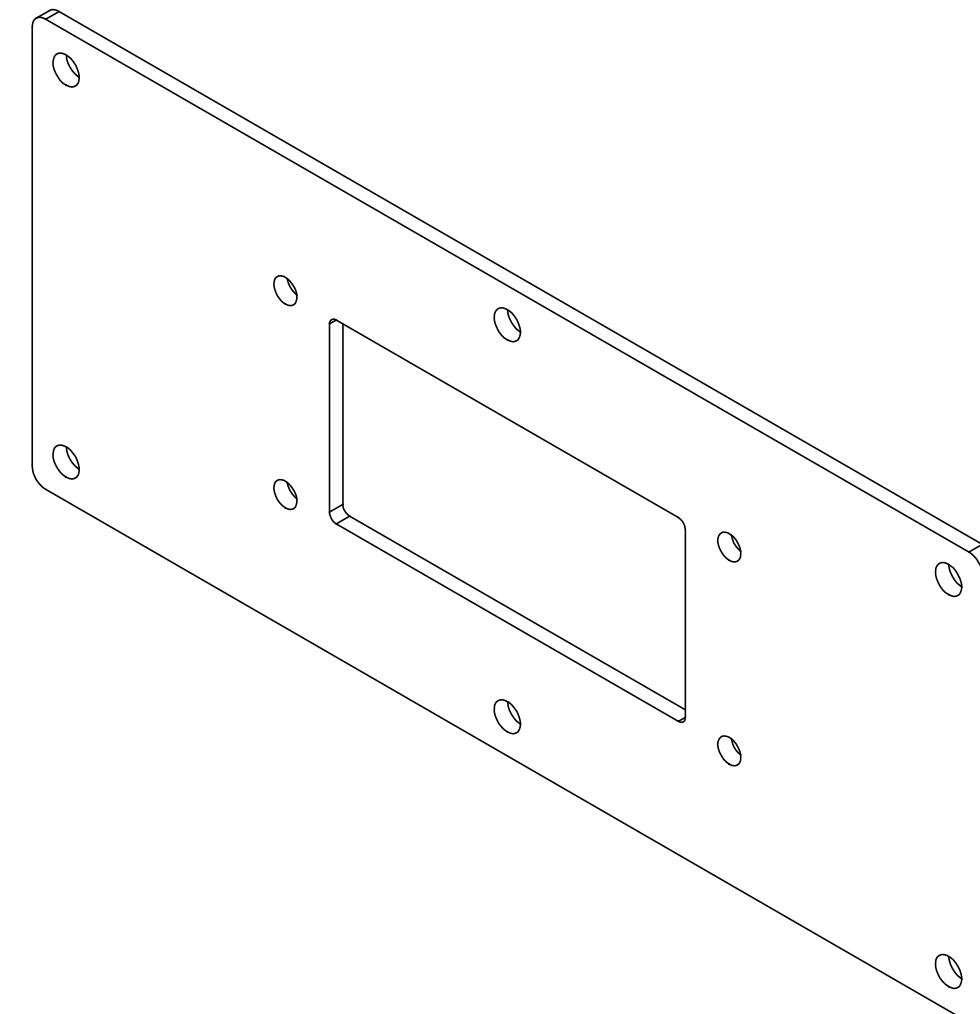
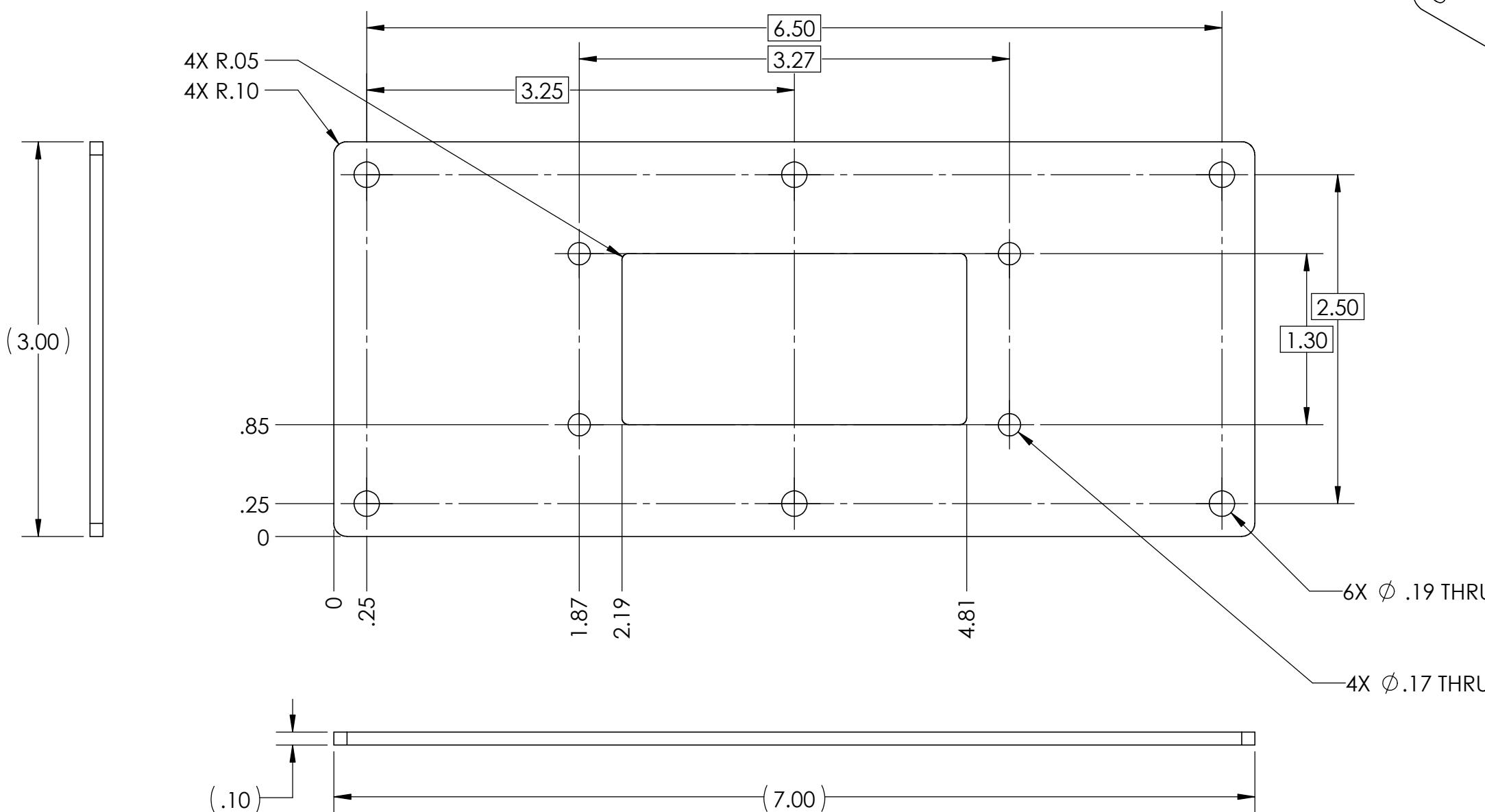
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE ADVANCED STRUCTURES AND COMPOSITE CENTER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THE ADVANCED SYSTEMS AND COMPOSITE CENTER IS PROHIBITED.



SIZE	DWG. NO.	REV
B	End Cap, Flat	-
SCALE: 1:1		SHEET 17 OF 21

6 5 4 3 2 1

FACE PLATE, LOWER 10



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF THE
ADVANCED STRUCTURES AND COMPOSITE
CENTER. ANY REPRODUCTION IN PART
OR AS A WHOLE WITHOUT THE WRITTEN
PERMISSION OF THE ADVANCED SYSTEMS
AND COMPOSITE CENTER IS PROHIBITED.

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

6 5 4 3 2 1

FACE PLATE, LOWER 6

D

D

C

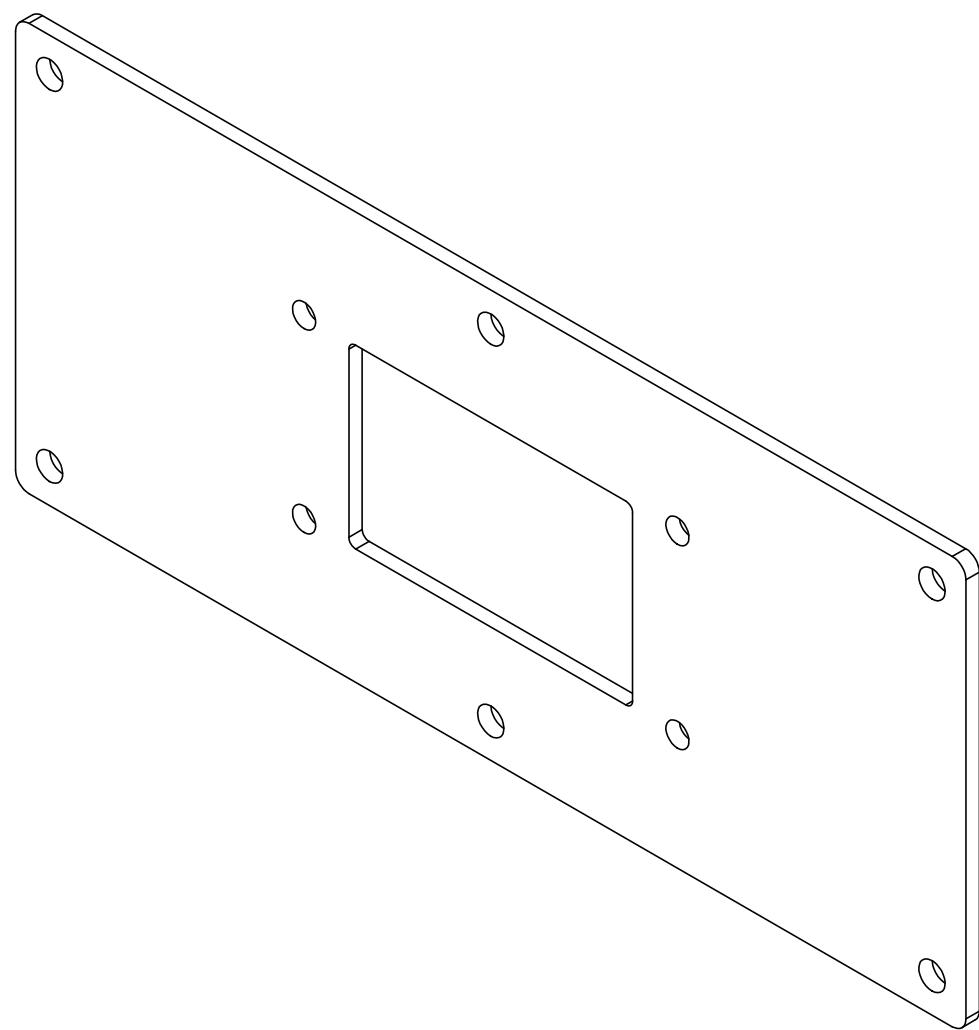
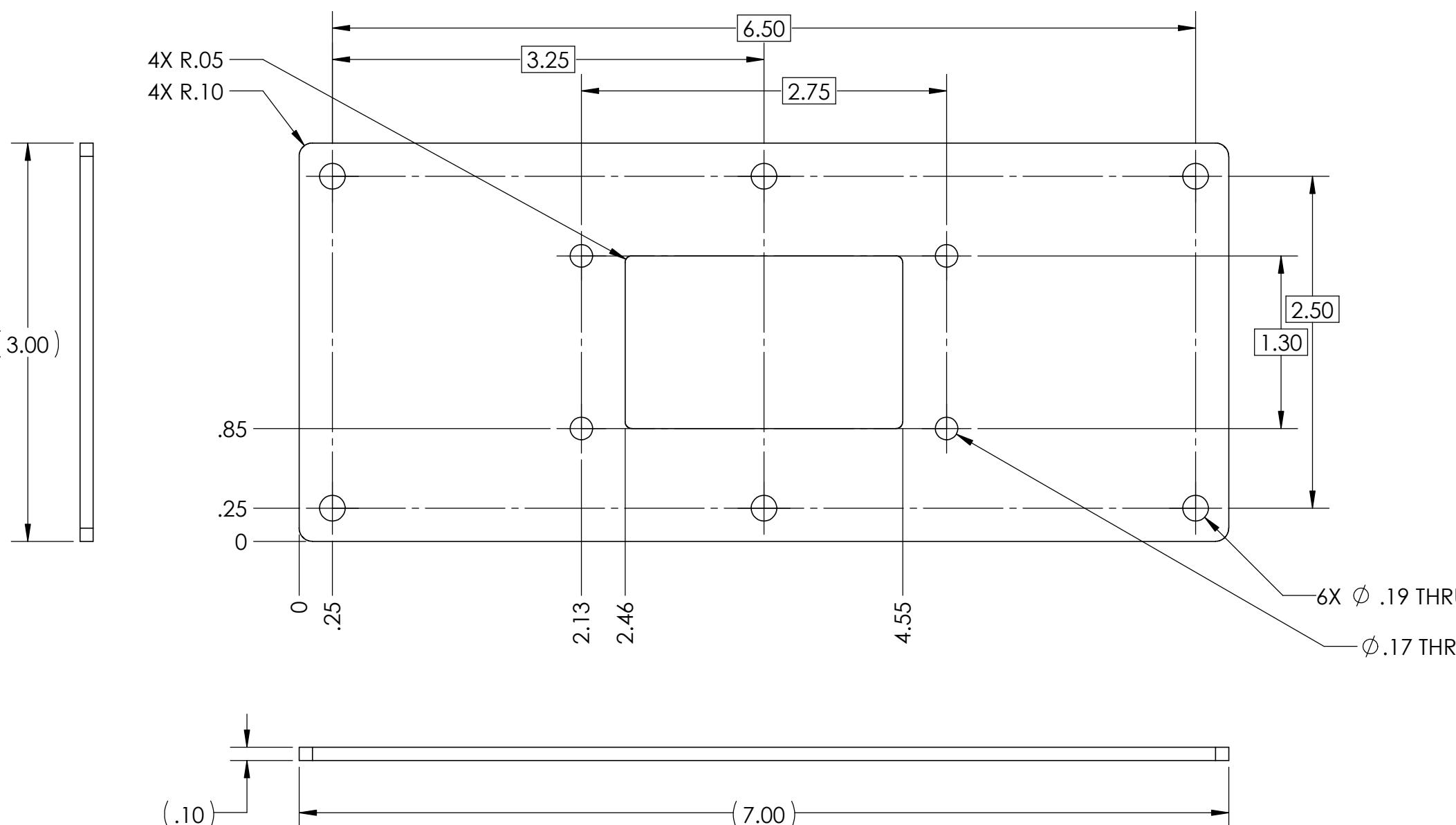
C

B

B

A

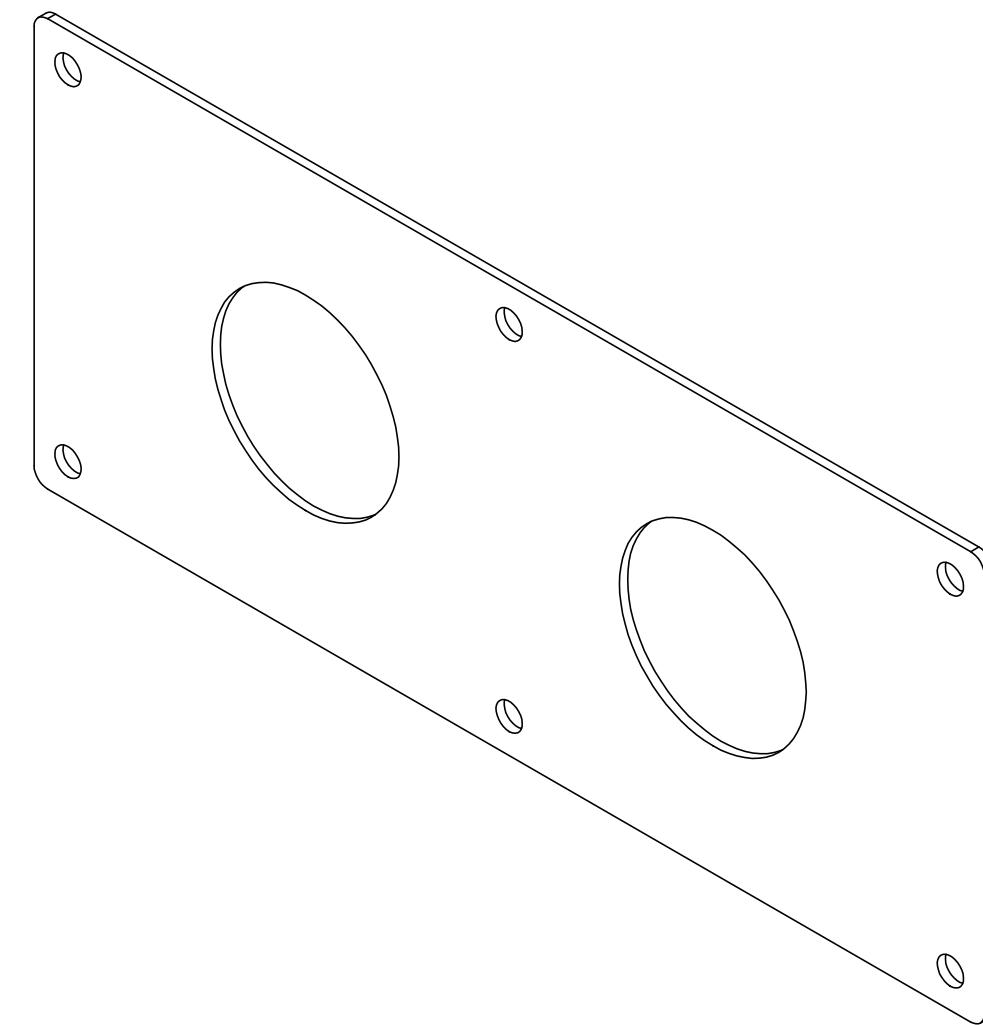
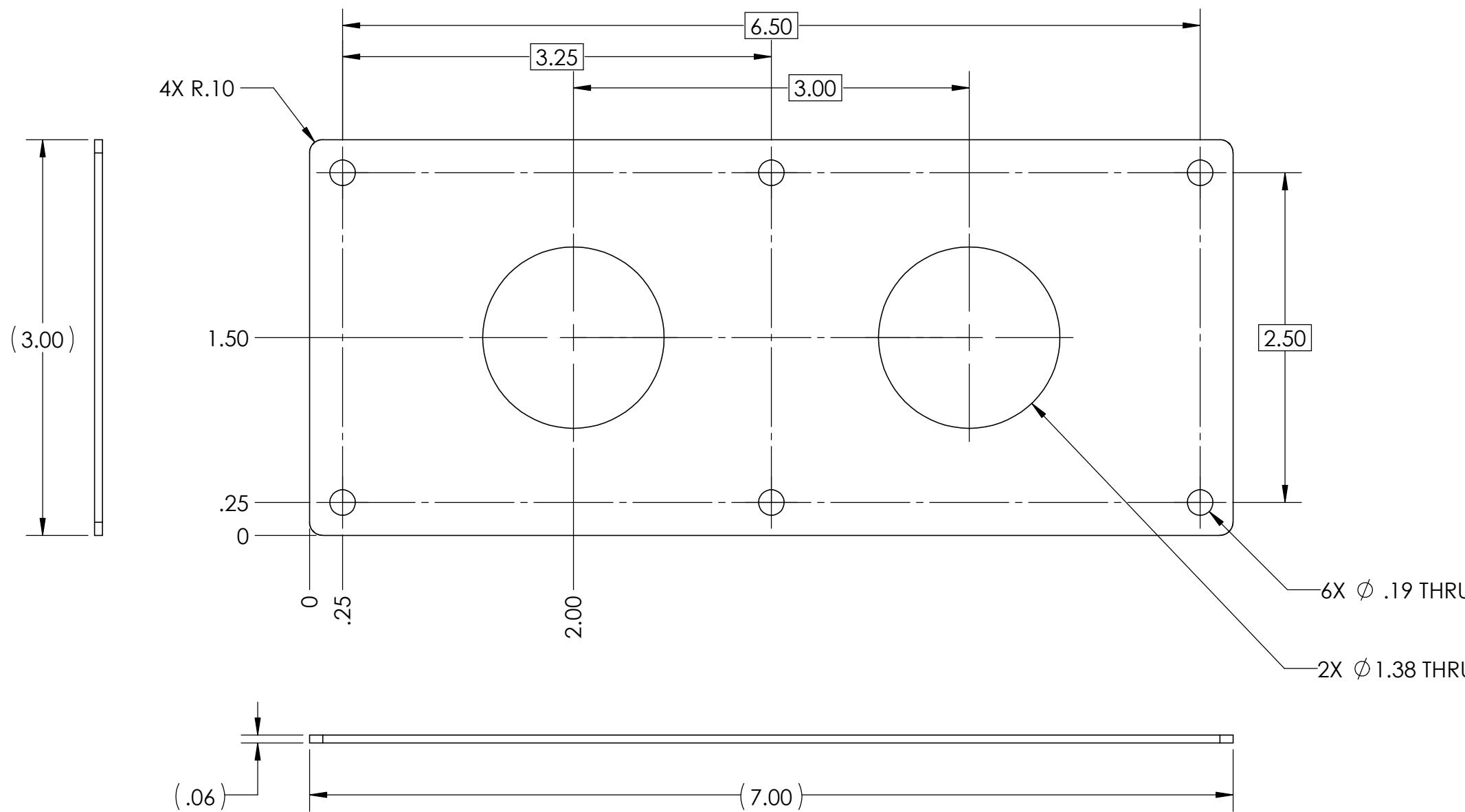
A



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF THE
ADVANCED STRUCTURES AND COMPOSITE
CENTER. ANY REPRODUCTION IN PART
OR AS A WHOLE WITHOUT THE WRITTEN
PERMISSION OF THE ADVANCED SYSTEMS
AND COMPOSITE CENTER IS PROHIBITED.

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

FACE PLATE, LOWER PULLER

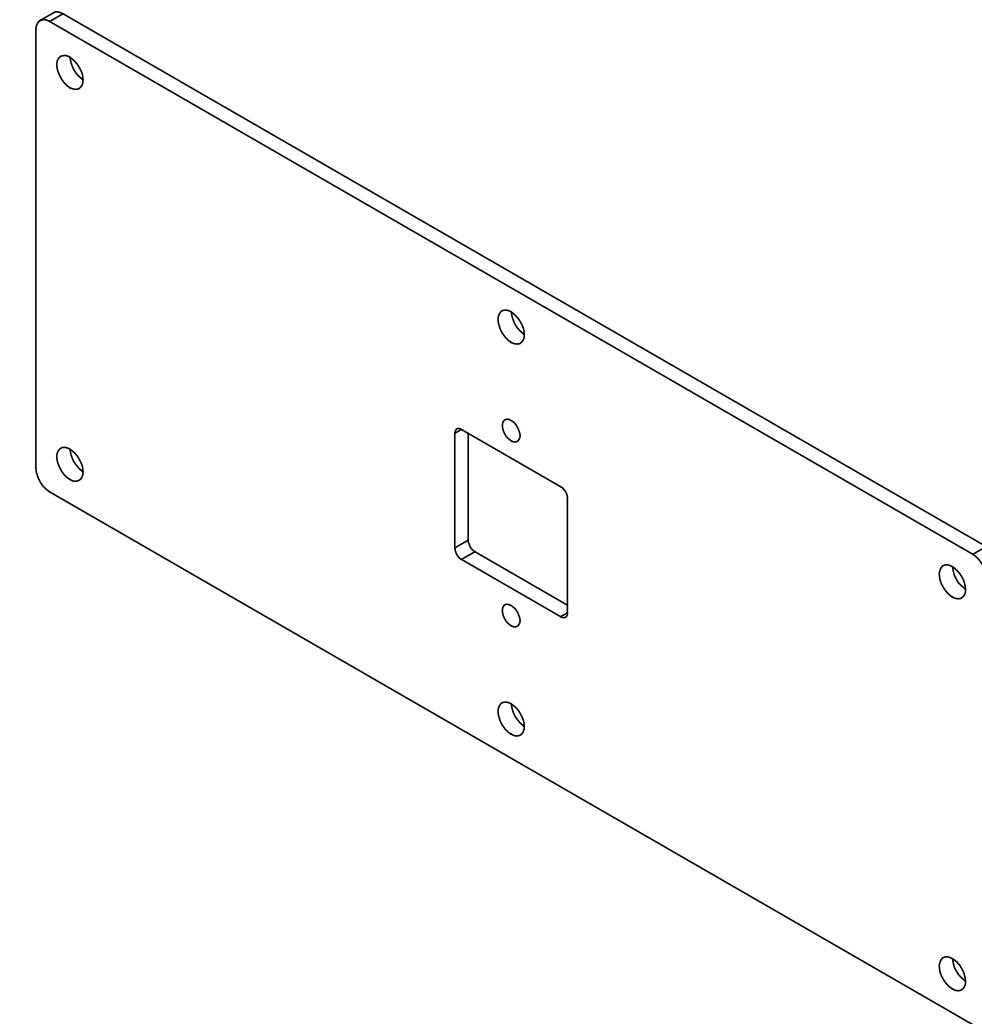
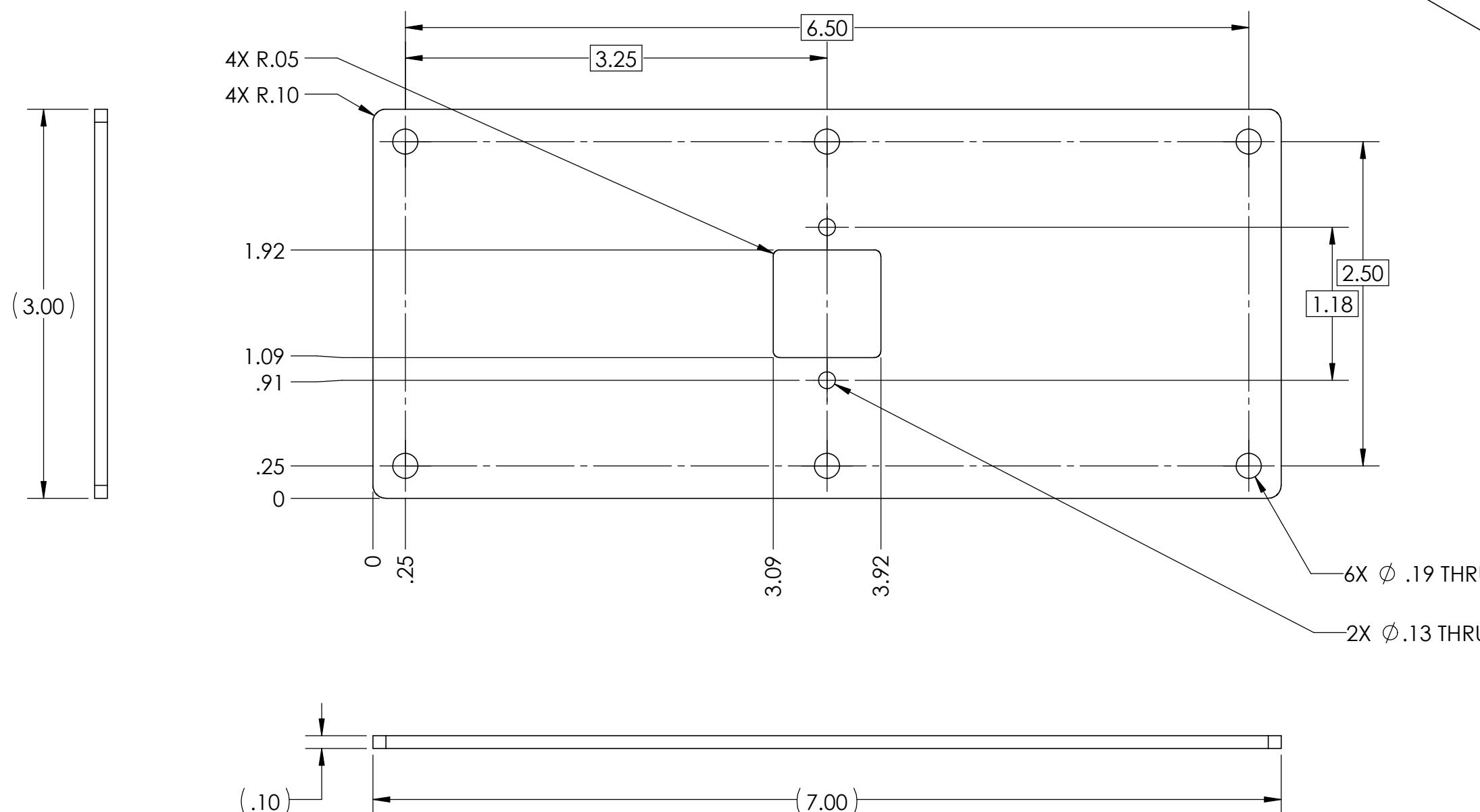


PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF THE
ADVANCED STRUCTURES AND COMPOSITE
CENTER. ANY REPRODUCTION IN PART
OR AS A WHOLE WITHOUT THE WRITTEN
PERMISSION OF THE ADVANCED SYSTEMS
AND COMPOSITE CENTER IS PROHIBITED.

	NAME	DATE	TITLE:
DRAWN	ECMV	3/12/2025	
CHECKED			Face Plate Lower, Puller
ENG APPR.			
MFG APPR.			
Q.A.			
COMMENTS:			
SIZE	DWG. NO.	REV	
Face Plate, Lower Puller			
SCALE: 1:1			SHEET 20 OF 21

6 5 4 3 2 1

FACE PLATE, LOWER 3



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF THE
ADVANCED STRUCTURES AND COMPOSITE
CENTER. ANY REPRODUCTION IN PART
OR AS A WHOLE WITHOUT THE WRITTEN
PERMISSION OF THE ADVANCED SYSTEMS
AND COMPOSITE CENTER IS PROHIBITED.

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