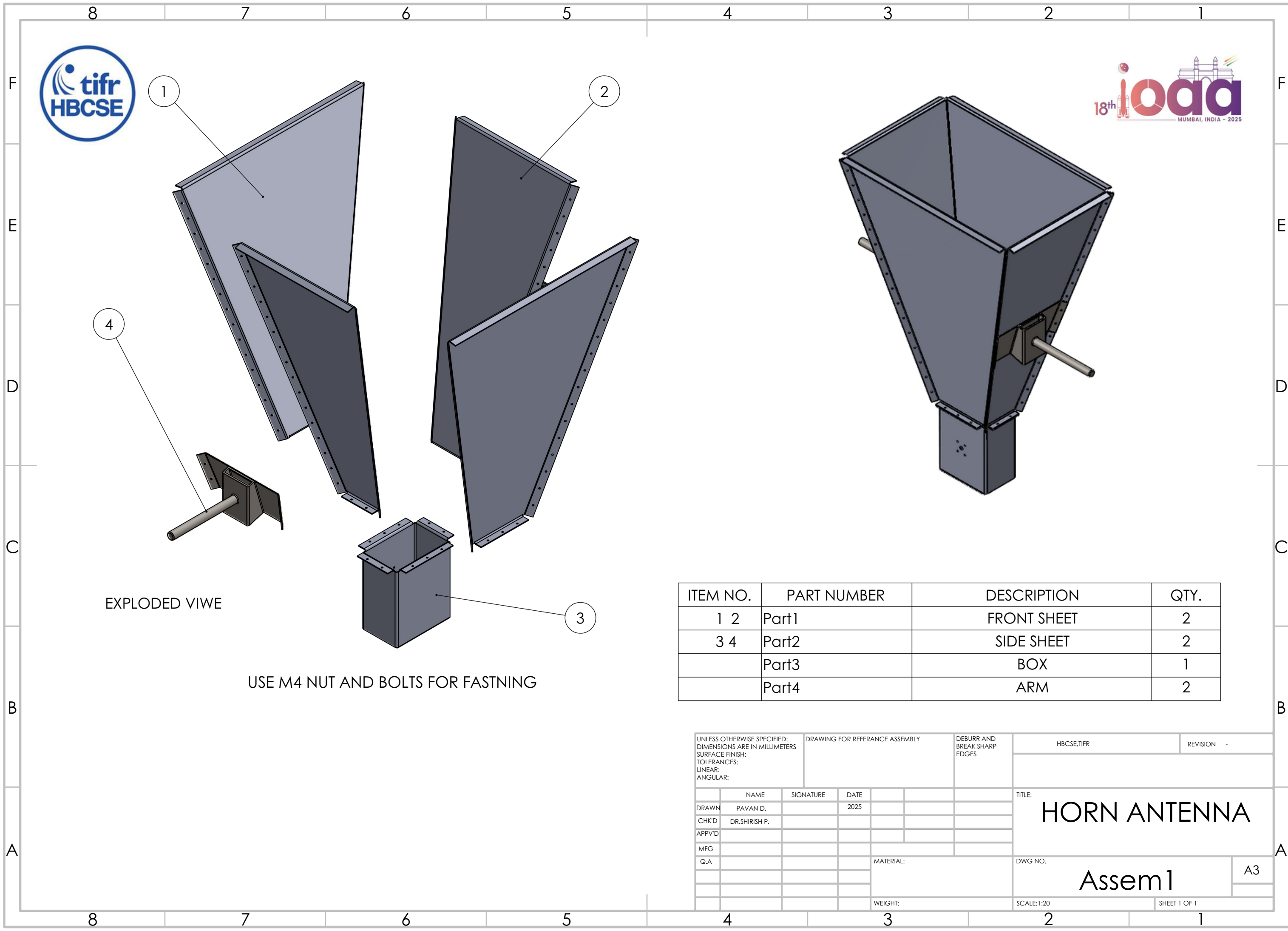


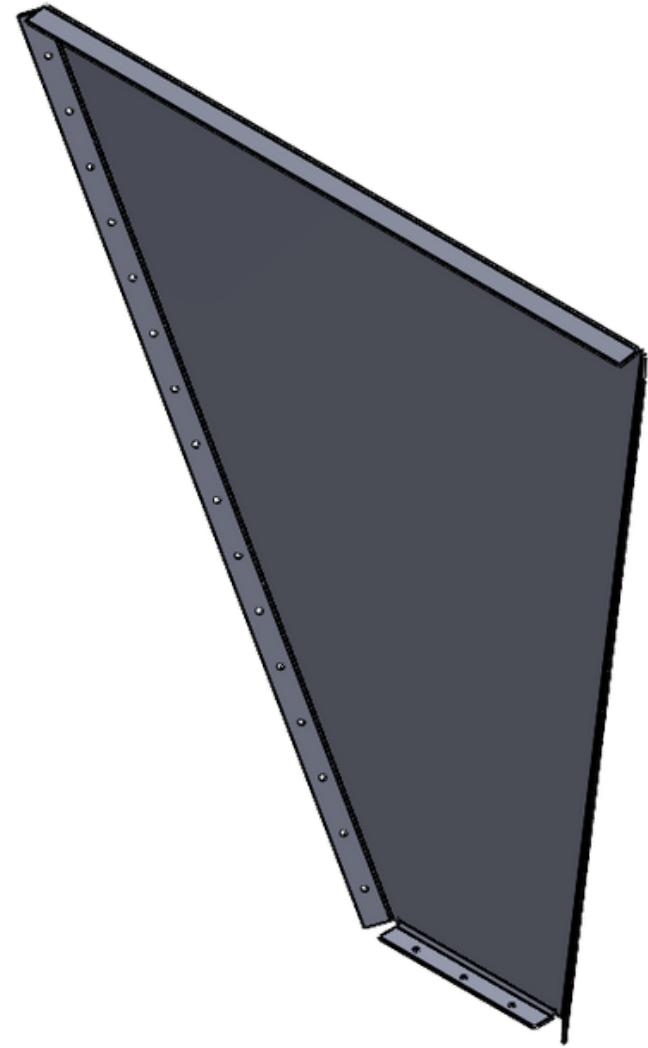
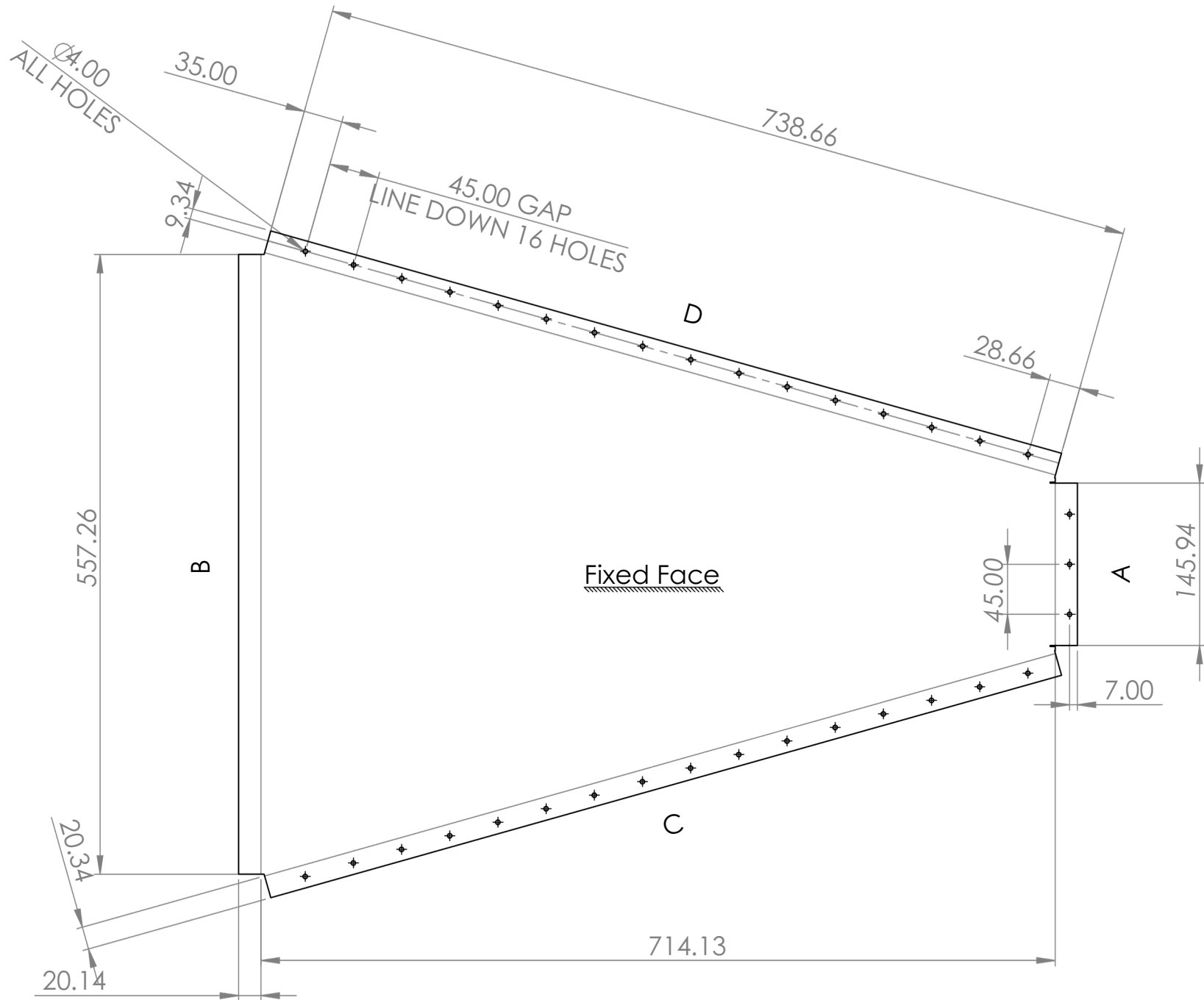


EXPLODED VIWE

USE M4 NUT AND BOLTS FOR FASTNING

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1 2	Part1	FRONT SHEET	2
3 4	Part2	SIDE SHEET	2
	Part3	BOX	1
	Part4	ARM	2

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				DRAWING FOR REFERENCE ASSEMBLY				HBCSE,TIFR				REVISION -			
		NAME		SIGNATURE		DATE						TITLE: HORN ANTENNA			
DRAWN		PAVAN D.				2025									
CHK'D		DR.SHIRISH P.													
APPV'D															
MFG															
Q.A															
								MATERIAL:		DWG NO.		Assem1		A3	
								WEIGHT:		SCALE:1:20		SHEET 1 OF 1			



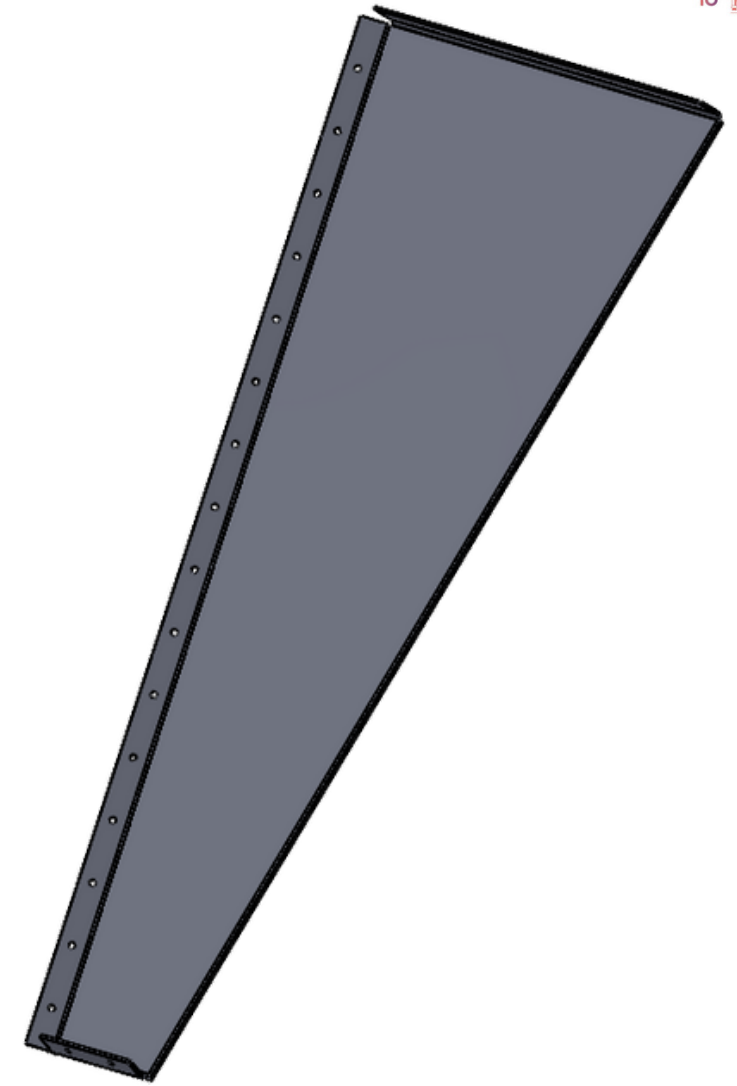
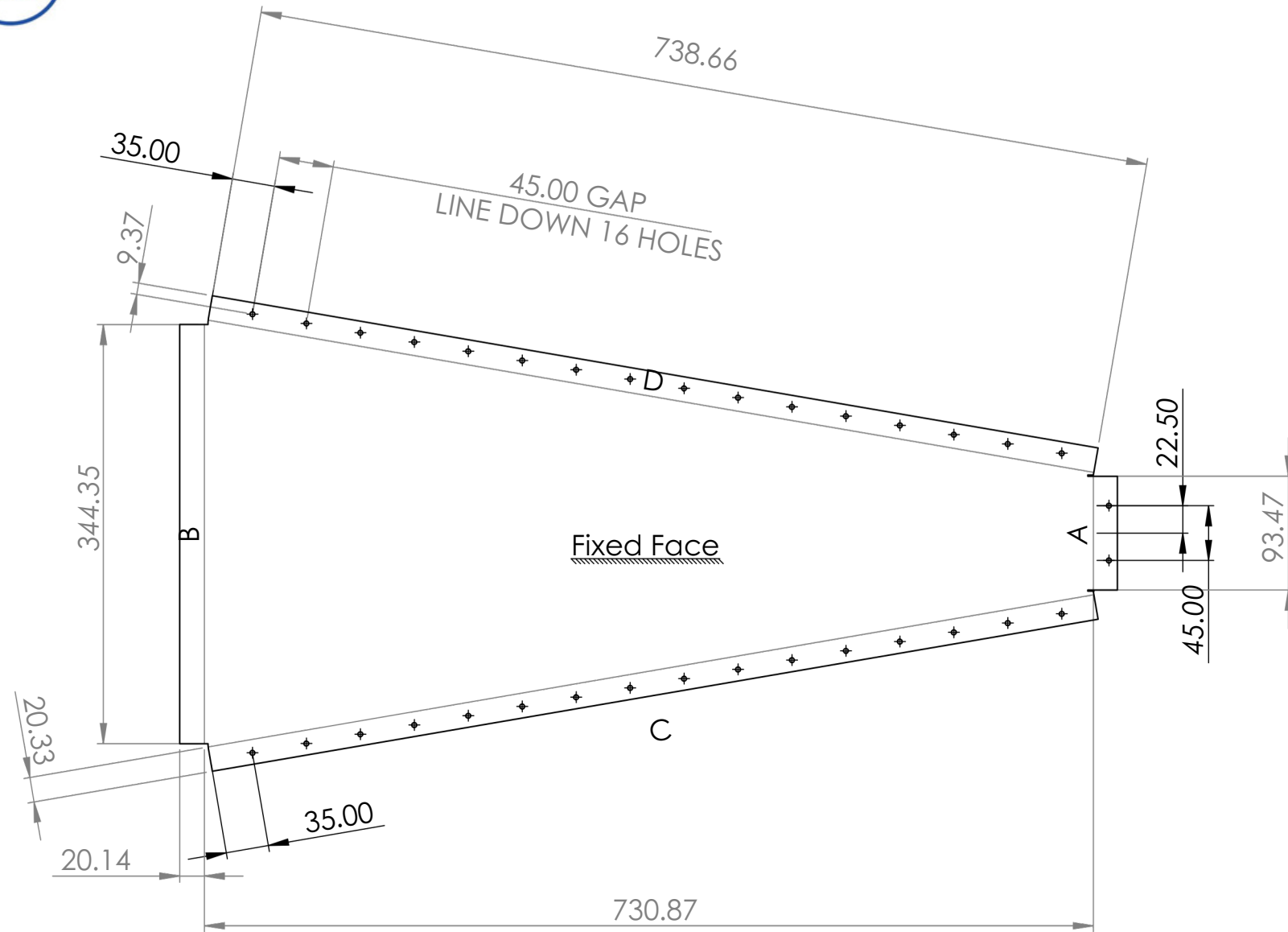
PART 1

THICKNESS OF SHEET 2MM

ALL DIMENSIONS ARE IN MM

Tag	Direction	Angle	Inner Radius
A	UP	100°	3
B	UP	90°	3
C	UP	47.5°	3
D	UP	47.5°	3

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		HBCSE,TIFR	REVISION
DRAWN	NAME	SIGNATURE	DATE					TITLE: HORN ANTENNA PART 1	
CHK'D	PAVAN D.		2025						
APPV'D	SHIRISH P.								
MFG									
Q.A									
						MATERIAL: ALUMINIUM		DWG NO.	A3
						WEIGHT:		SCALE:1:10	SHEET 1 OF 1



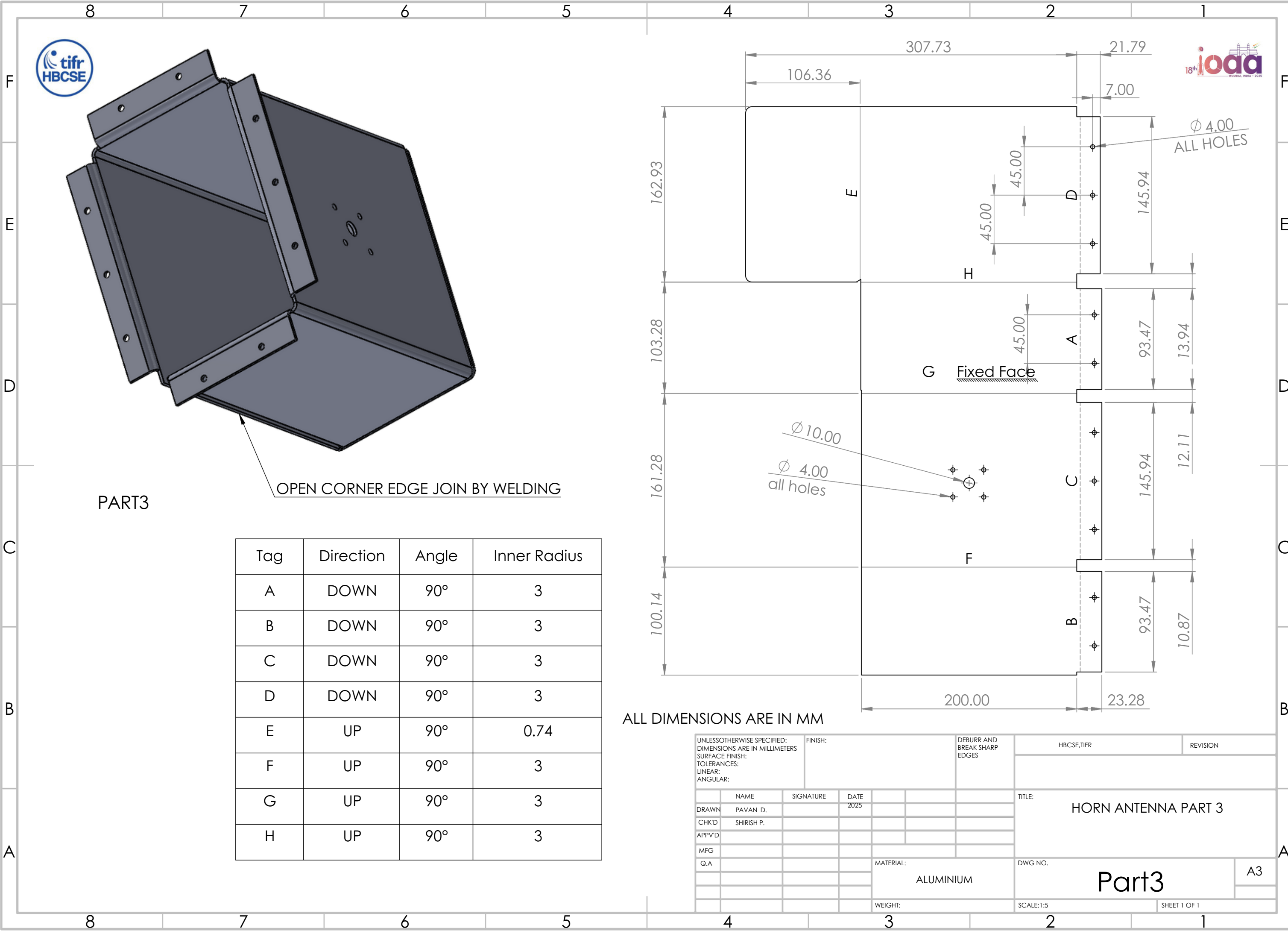
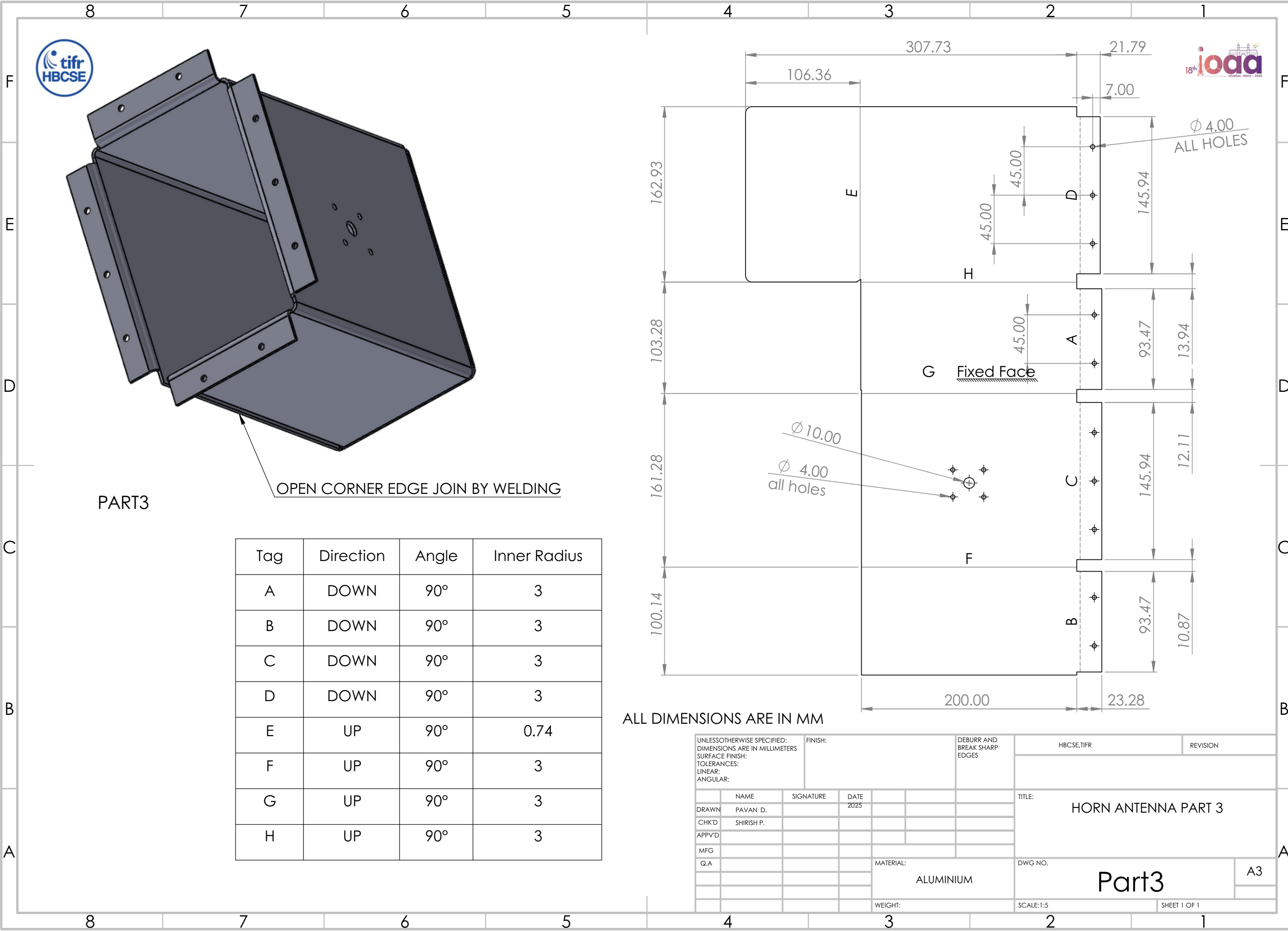
PART 2

THICKNESS OF SHEET 2MM

Tag	Direction	Angle	Inner Radius
A	UP	106°	3
B	UP	90°	3
C	UP	45°	3
D	UP	45.55°	3

ALL DIMENSIONS ARE IN MM

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:						FINISH:		DEBURR AND BREAK SHARP EDGES		HBCSE,TIFR		REVISION		
	NAME		SIGNATURE		DATE						TITLE: HORN ANTENNA PART2			
DRAWN	PAVAN D.				2025									
CHK'D	SHIRISH P.													
APPV'D														
MFG														
Q.A														
								MATERIAL:		DWG NO.				
								ALUMINIUM		Part2				
										A3				
								WEIGHT:		SCALE:1:10				
										SHEET 1 OF 1				



OPEN CORNER EDGE JOIN BY WELDING

8 7 6 5 4 3 2 1

F

E

D

C

B

A

8 7 6 5 4 3 2 1

Part3

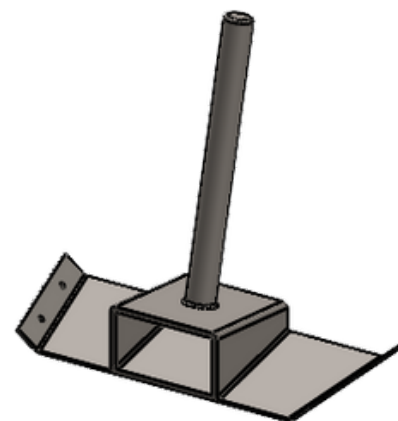
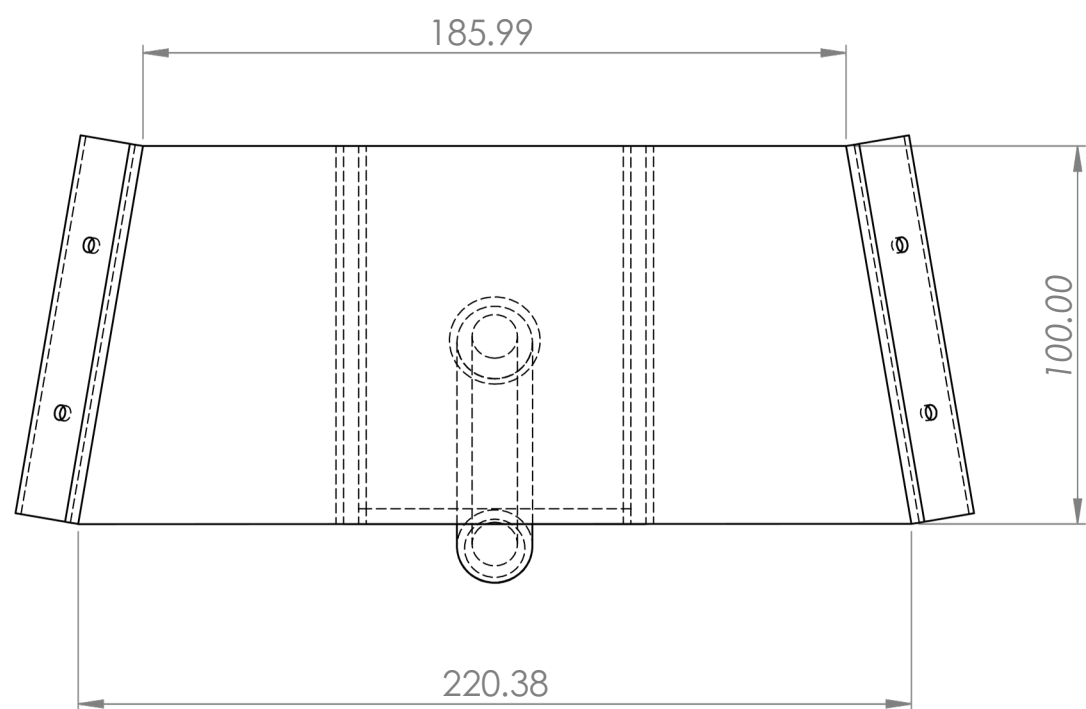
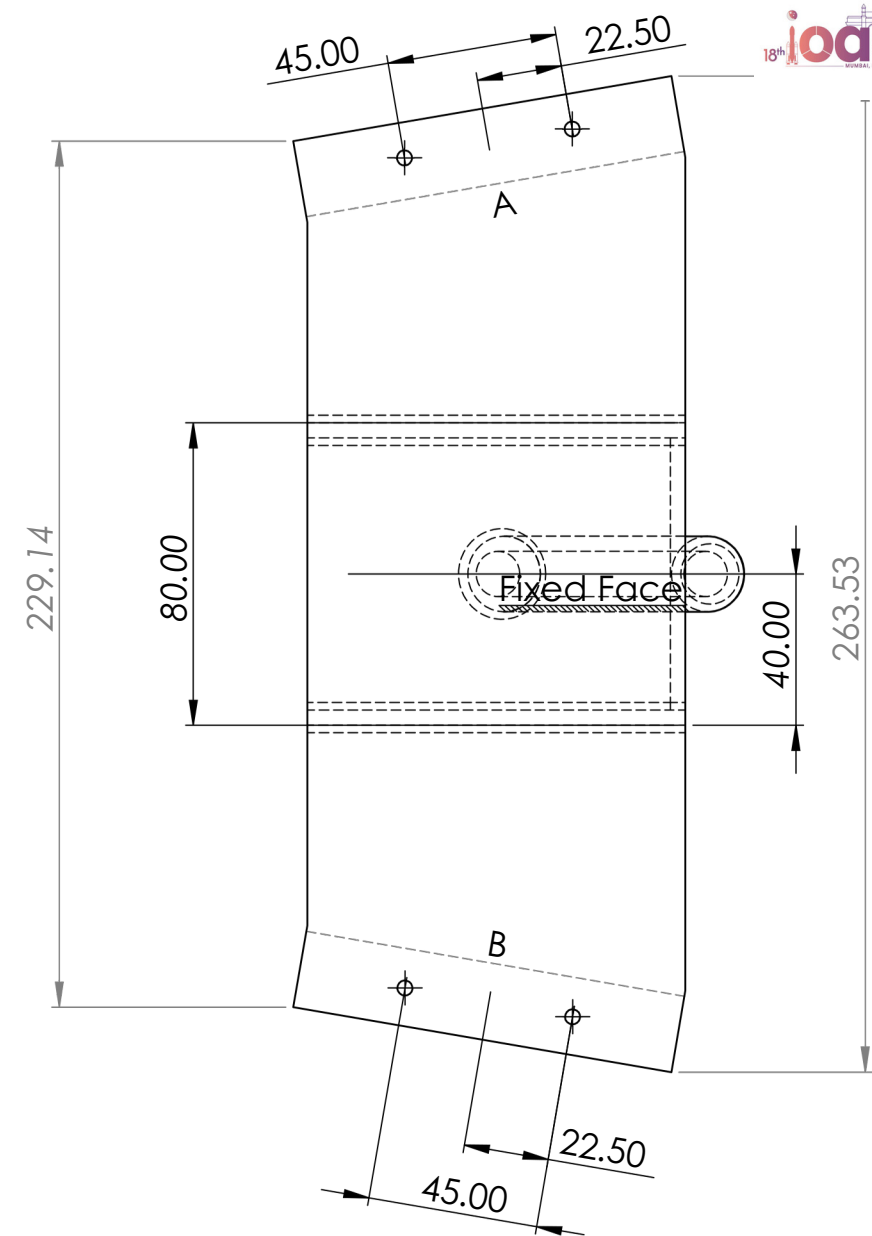
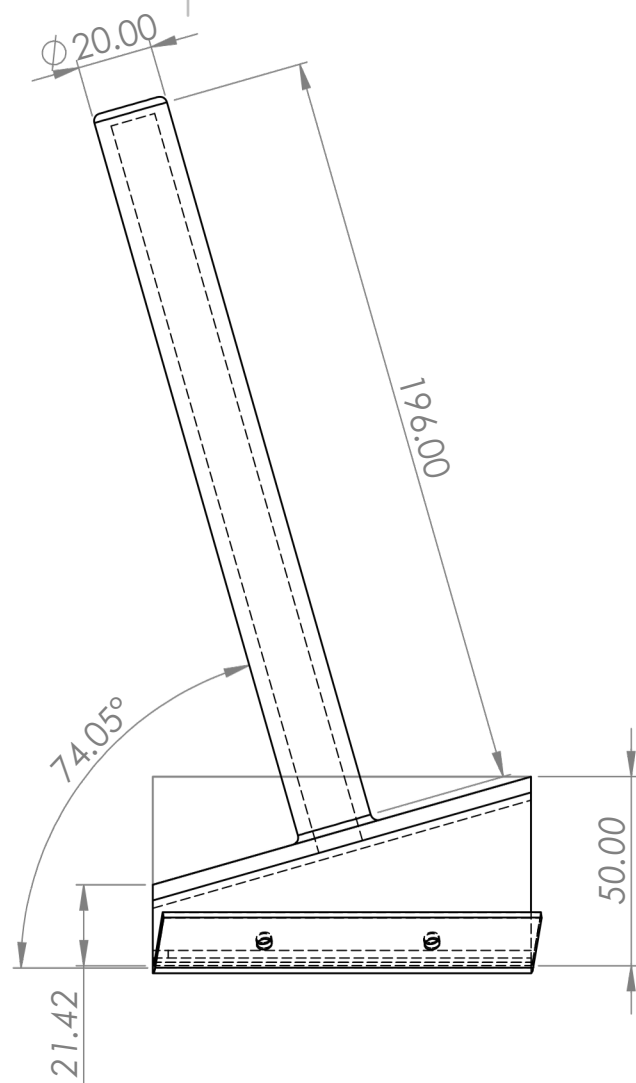
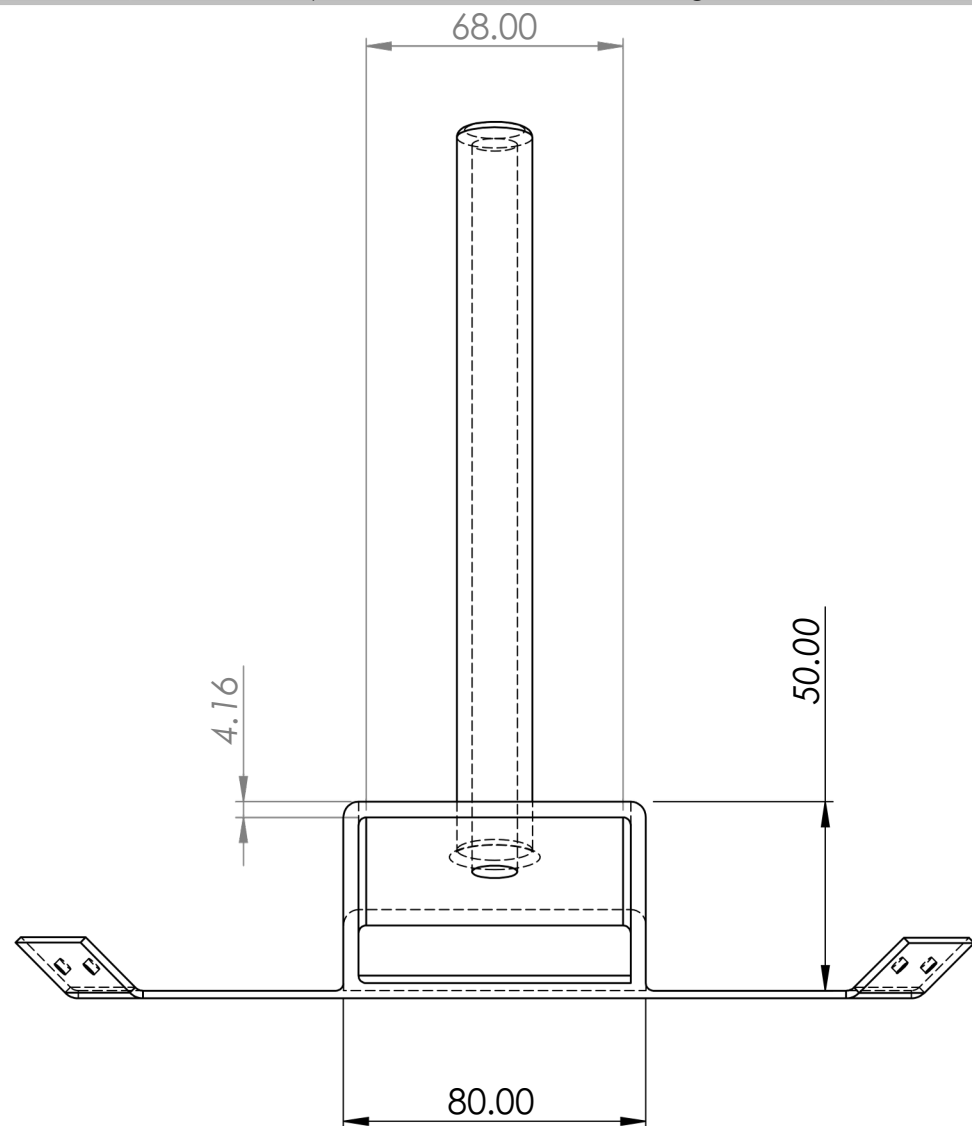
OPEN CORNER EDGE JOIN BY WELDING

Tag	Direction	Angle	Inner Radius
A	DOWN	90°	3
B	DOWN	90°	3
C	DOWN	90°	3
D	DOWN	90°	3
E	UP	90°	0.74
F	UP	90°	3
G	UP	90°	3
H	UP	90°	3

ALL DIMENSIONS ARE IN MM

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		HBCSE, TIFR		REVISION	
DRAWN: PAVAN D.				SIGNATURE		DATE: 2025		TITLE: HORN ANTENNA PART 3		A3	
CHK'D: SHIRISH P.								DWG NO.		Part3	
APPV'D								MATERIAL: ALUMINIUM		SCALE: 1:5	
MFG								WEIGHT:		SHEET 1 OF 1	
Q.A											

[illegible][illegible]



Tag	Direction	Angle	Inner Radius
A	DOWN	44.55°	3
B	DOWN	45°	3

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		HBCSE,TIFR		REVISION -	
	NAME	SIGNATURE	DATE			TITLE:					
DRAWN	PAVAN D.		2025			ANTENNA ARM					
CHK'D	SHIRISH P.										
APPV'D											
MFG											
Q.A				MATERIAL:		DWG NO.		Part4			
				MS							
				WEIGHT:		SCALE:1:5		SHEET 1 OF 1			