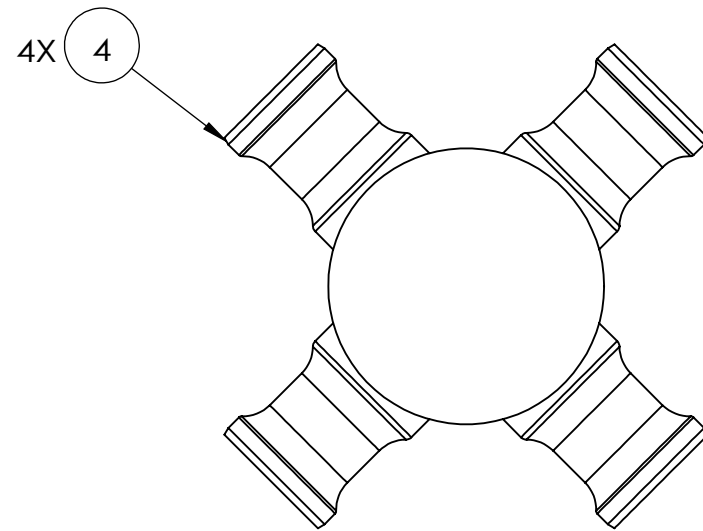
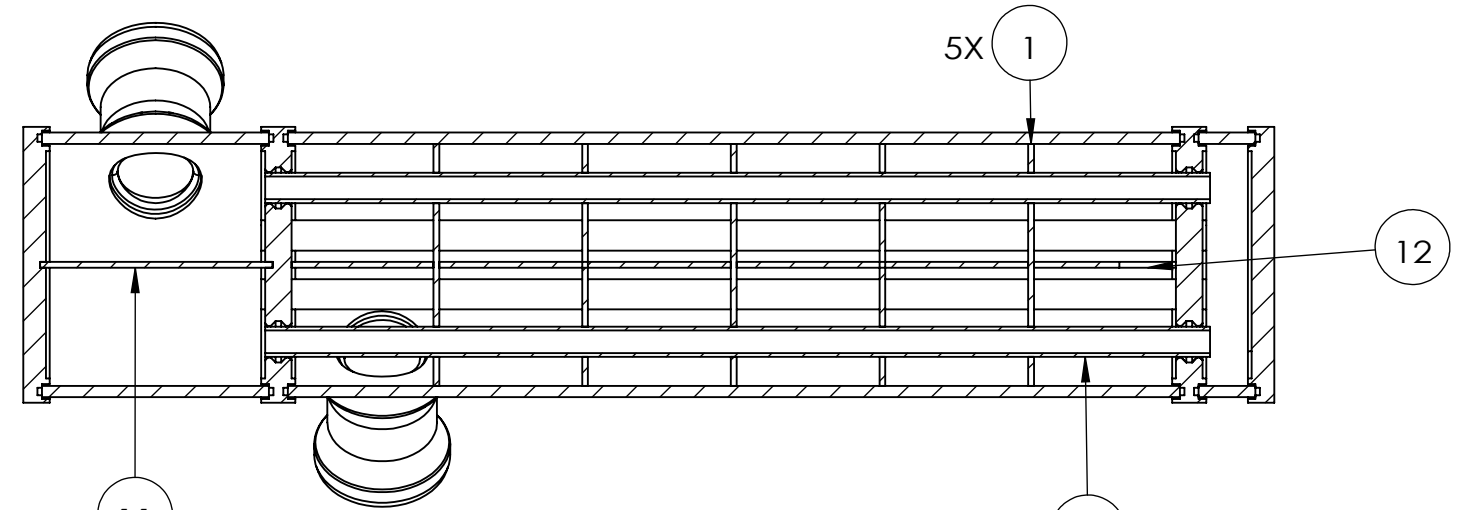


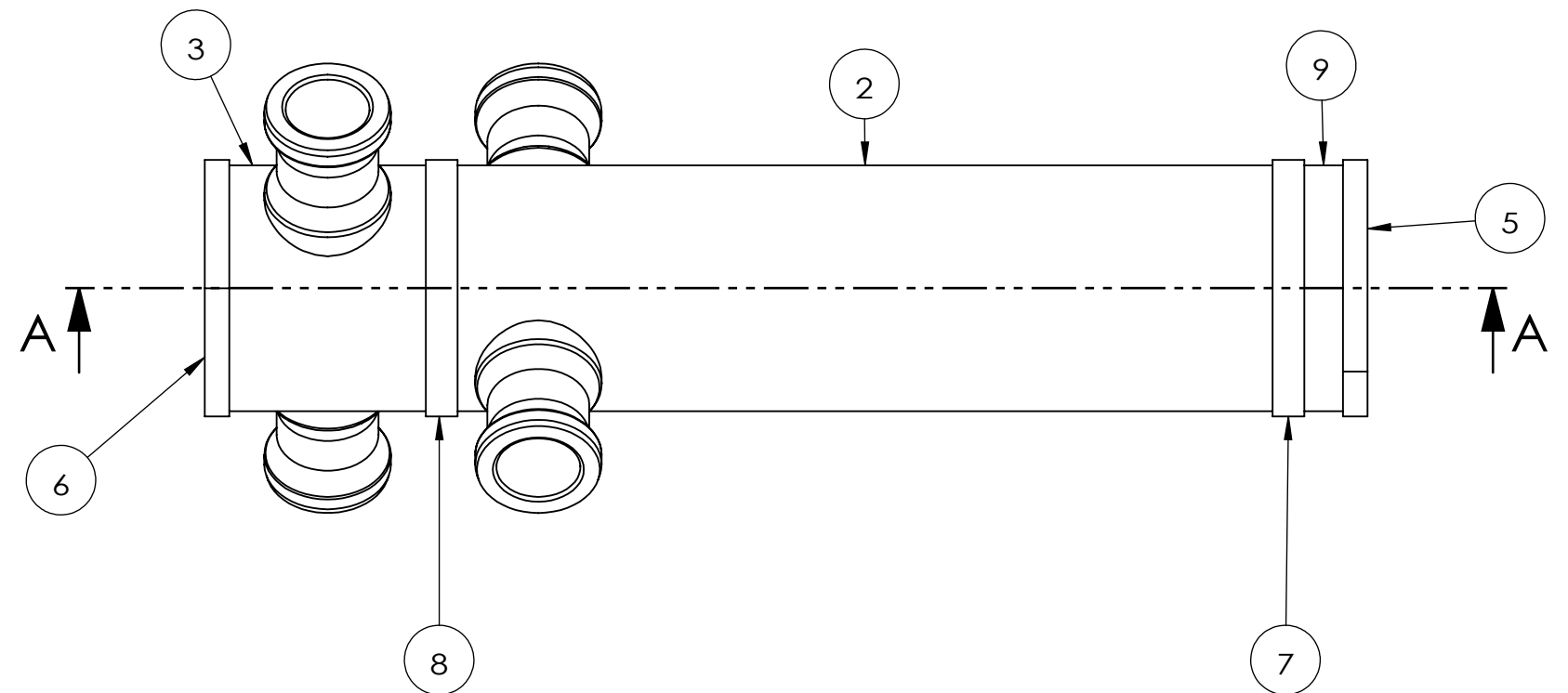
SCALE 1 : 5



ITEM NO.	PART NUMBER	QTY.
1	baffle	5
2	shell	1
3	nozzle_entry	1
4	nozzle	4
5	endplate_no_splitter.stp	1
6	endplate_splitter.stp	1
7	tubesheet_no_splitter.stp	1
8	tubesheet_splitter.stp	1
9	tube_section	1
10	copper_tube	14
11	EndHotSplitter	1
12	Cold Flow Splitter Working Section	1



SECTION A-A



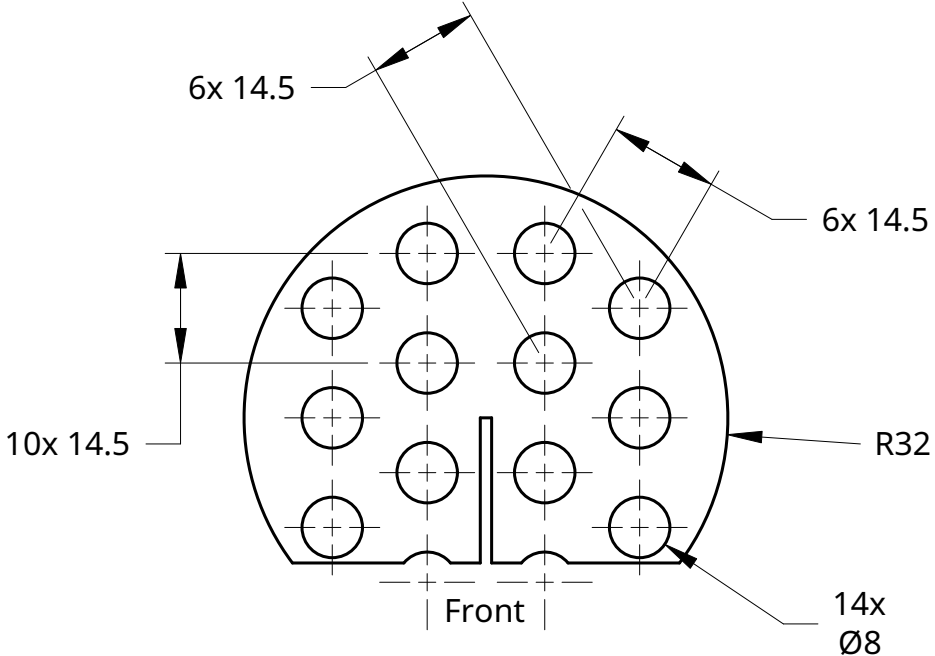
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN		NAME		SIGNATURE		DATE		TITLE:			
CHK'D		Alex Jiang				5/27/2025		HX assy			
APPV'D											
MFG											
Q.A								MATERIAL:		DWG NO.	
								See BOM		HX	
								WEIGHT:		SCALE:1:2	
										SHEET 1 OF 1	

B

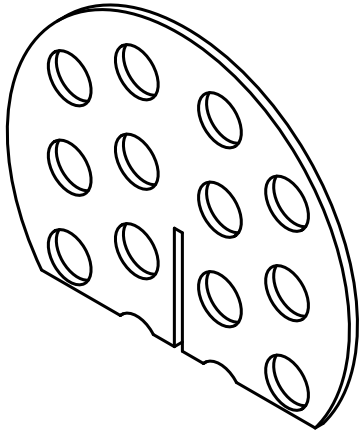
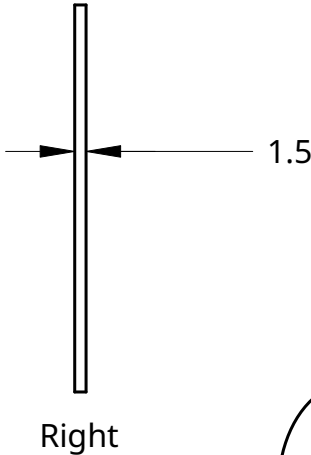
A

B



A



Bottom



Isometric

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS  ANGULAR = ± °  SURFACE FINISH   DO NOT SCALE DRAWING  BREAK ALL SHARP EDGES AND REMOVE BURRS  THIRD ANGLE PROJECTION 	NAME		DATE		TITLE  Baffle						
	DRAWN		ALEX JIANG							05/27/2025	
	CHECKED										
	APPROVED										
MATERIAL		FINISH			SIZE	DWG NO.			REV.		
ABS plate 1.5mm					A	HX			1		
SCALE		1:1		WEIGHT		SHEET		1 of 1			

2

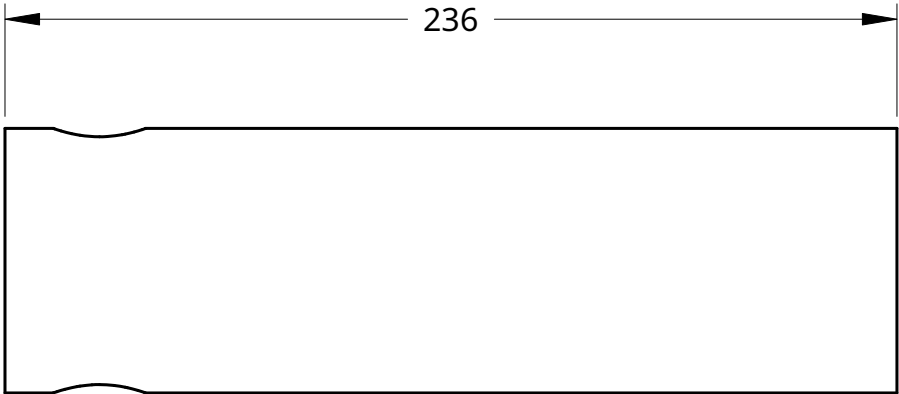
1

B

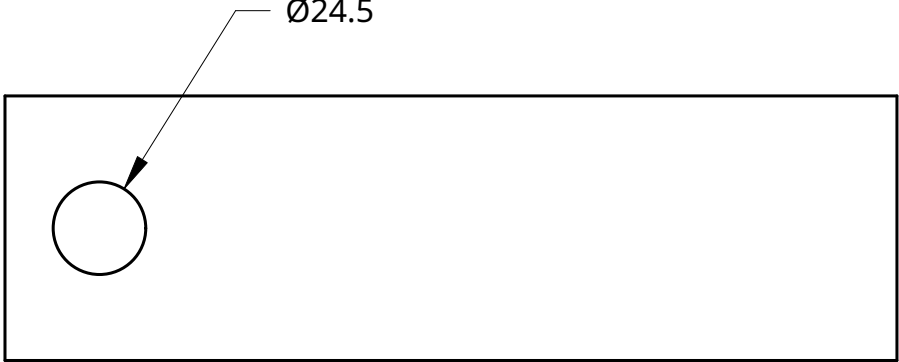
A

B

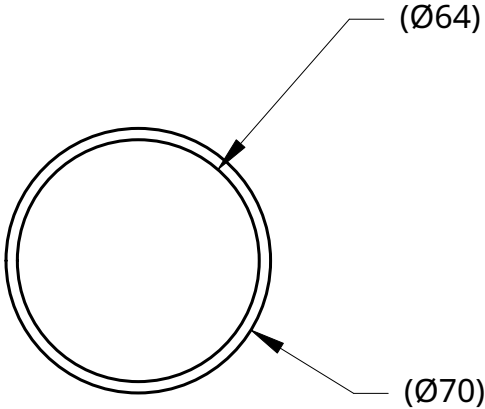
A



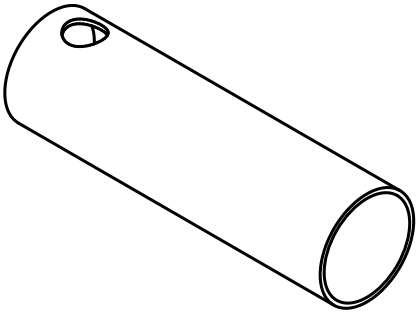
Front





Bottom



Right



Isometric  
SCALE 1:4

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS  ANGULAR = ± °  SURFACE FINISH   DO NOT SCALE DRAWING  BREAK ALL SHARP EDGES AND REMOVE BURRS  THIRD ANGLE PROJECTION 		NAME	DATE	TITLE  Shell		
	DRAWN	ALEX JIANG	05/27/2025			
	CHECKED					
	APPROVED			SIZE <b>A</b>		
	MATERIAL	Acrylic tube	FINISH	SCALE	1:2	DWG NO. <b>HX</b>
				WEIGHT		REV. <b>1</b>
				SHEET	1 of 1	

2

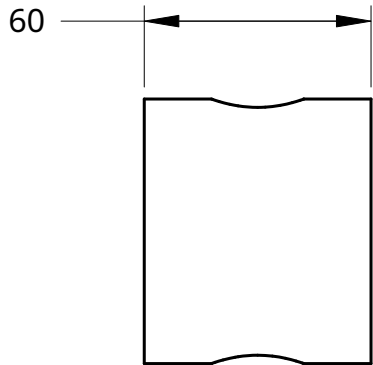
1

B

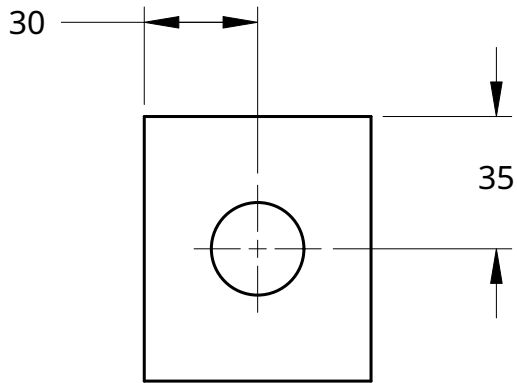
A

B

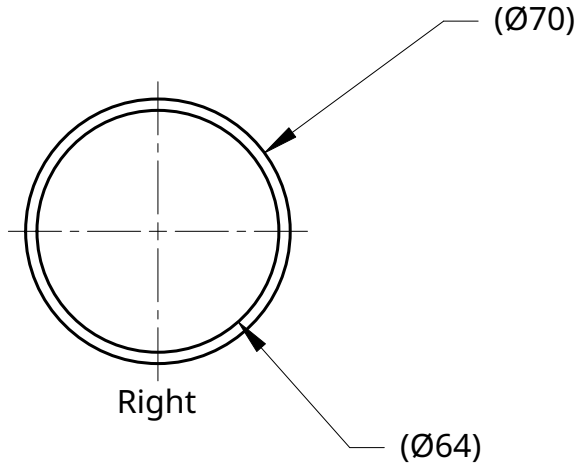
A



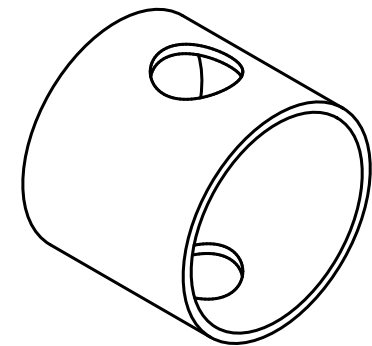
Front




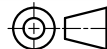
Bottom



Right



Isometric

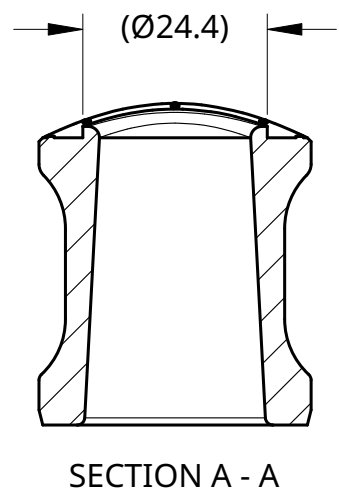
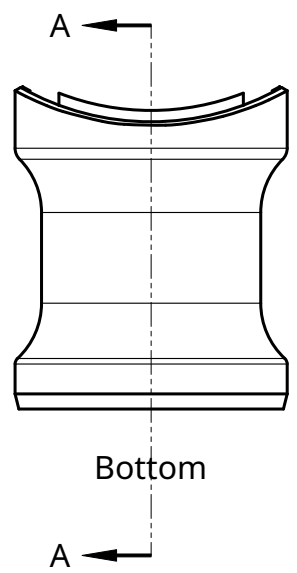
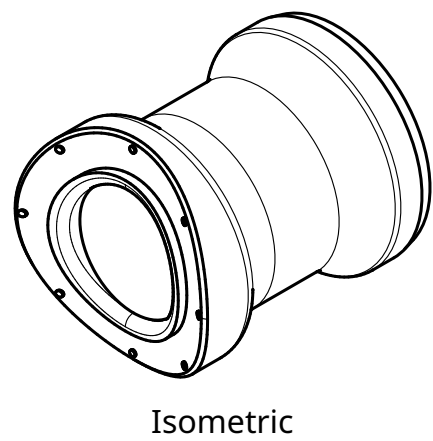
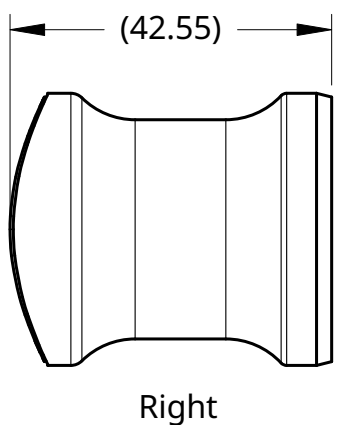
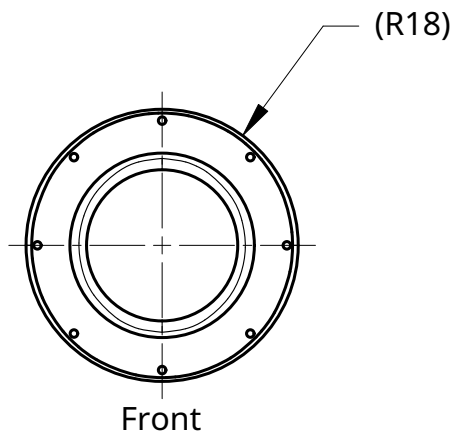
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS  ANGULAR = ± °  SURFACE FINISH   DO NOT SCALE DRAWING  BREAK ALL SHARP EDGES AND REMOVE BURRS  THIRD ANGLE PROJECTION 		NAME	DATE	TITLE Nozzle entry		
	DRAWN	ALEX JIANG	05/27/2025			
	CHECKED					
	APPROVED					
	MATERIAL	Acrylic tube	FINISH	SIZE A	DWG NO. HX	REV. 1
				SCALE 1:2	WEIGHT	SHEET 1 of 1

2

1

B



B



A

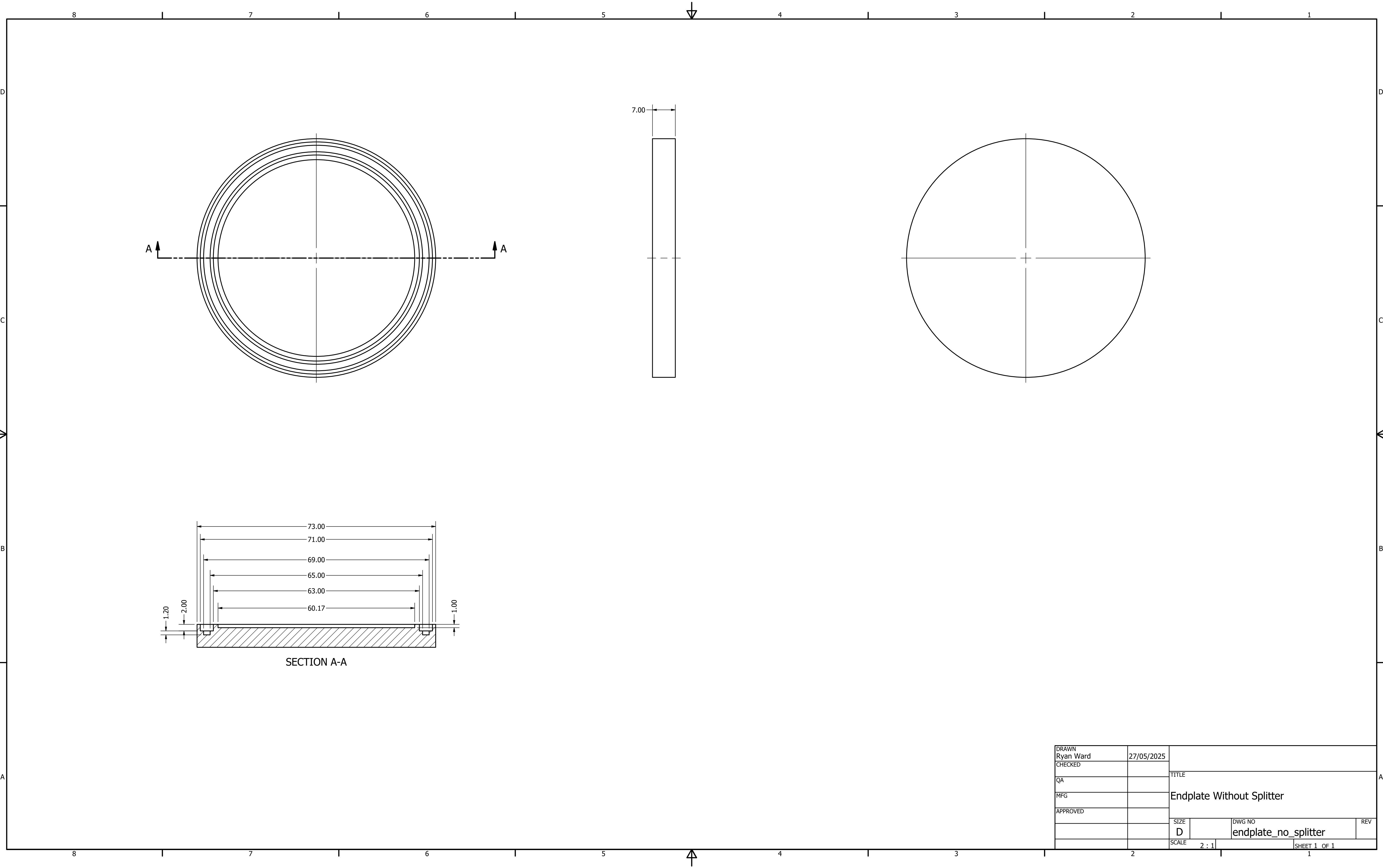
A

NOTES: REFERENCE DIMENSIONS. PART TO BE SUPPLIED BY CUED

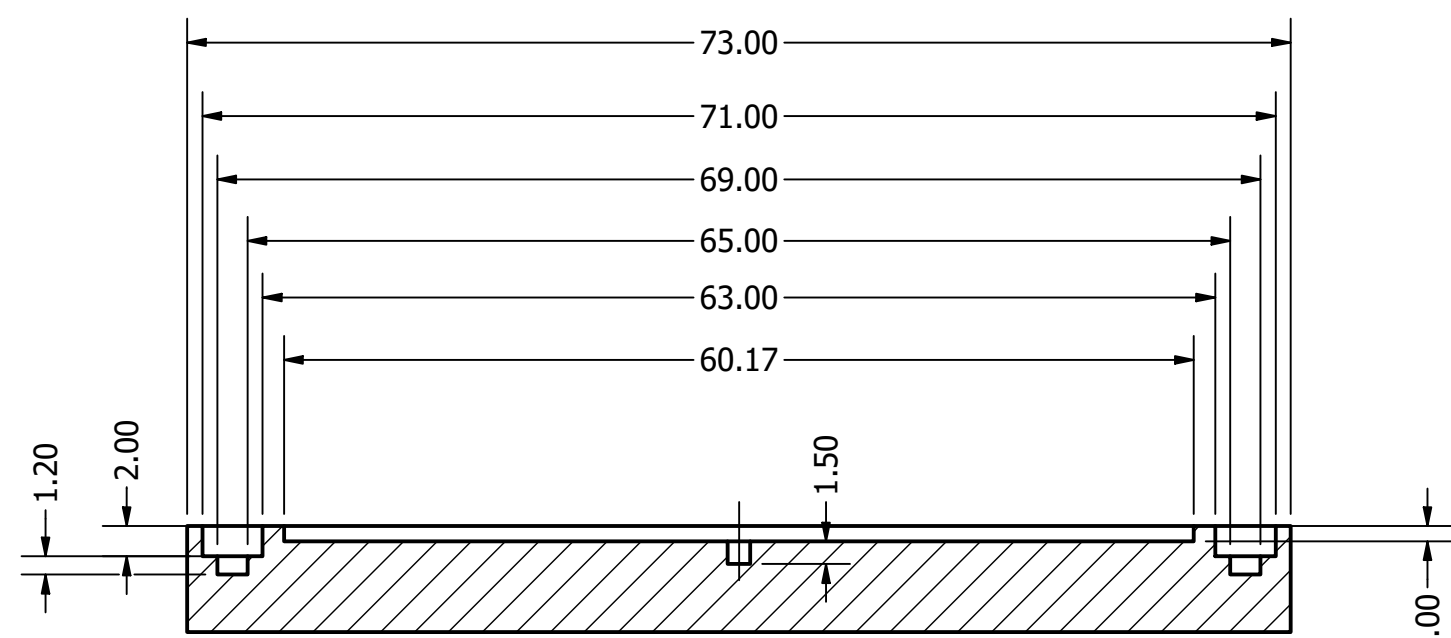
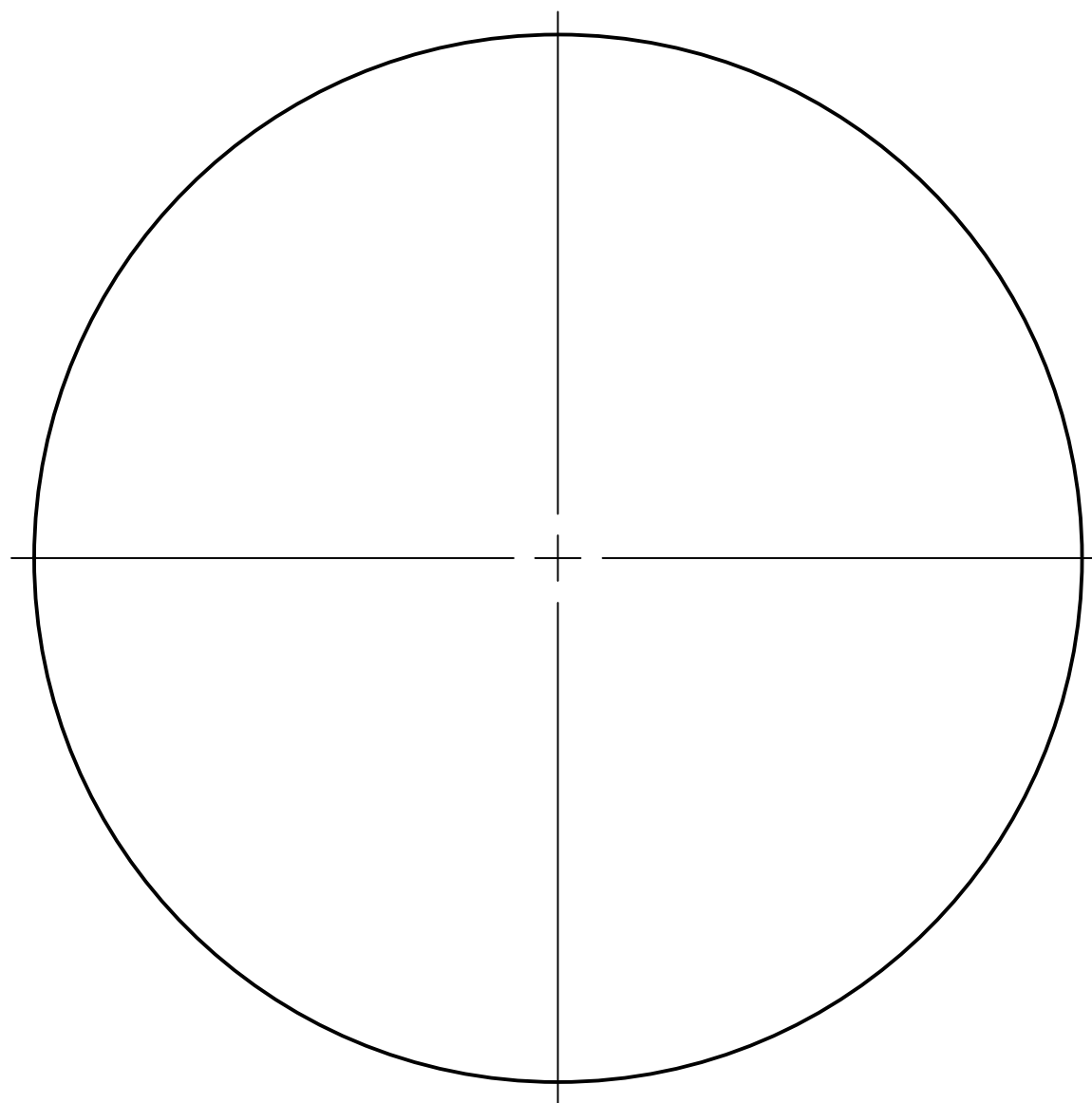
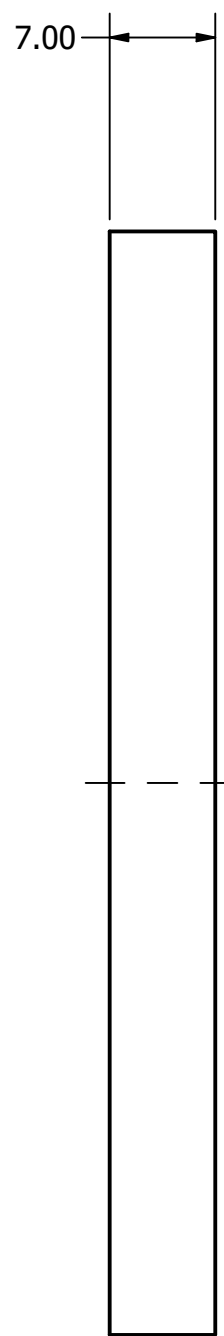
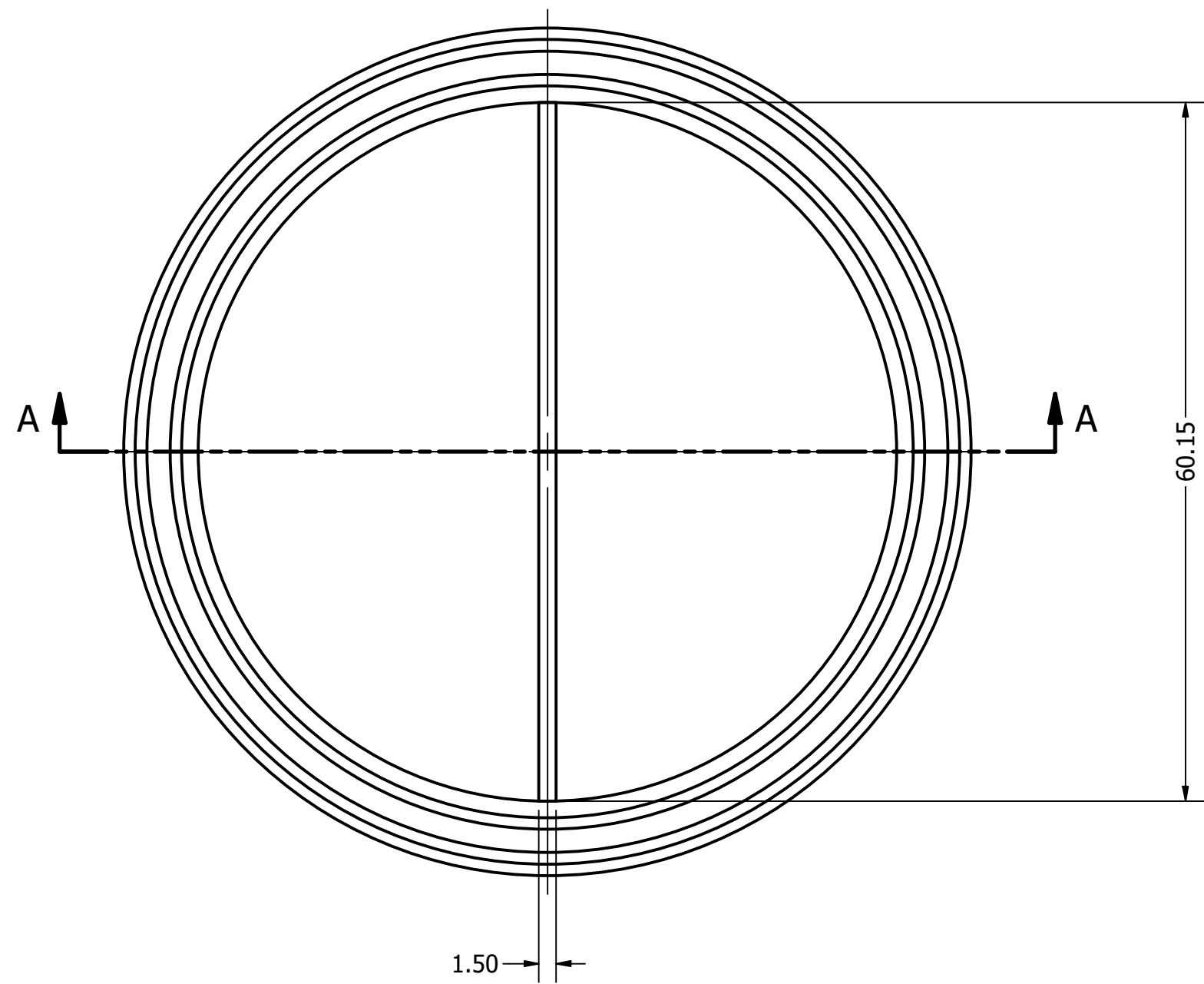
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS  ANGULAR = ± °  SURFACE FINISH   DO NOT SCALE DRAWING  BREAK ALL SHARP EDGES AND REMOVE BURRS  THIRD ANGLE PROJECTION 		NAME	DATE	TITLE  Nozzle		
	DRAWN	ALEX JIANG	05/27/2025			
	CHECKED					
	APPROVED					
				SIZE <b>A</b>		
	MATERIAL		FINISH	DWG NO. <b>HX</b>		REV. <b>1</b>
				SCALE <b>1:1</b>	WEIGHT	SHEET <b>1 of 1</b>

2

1

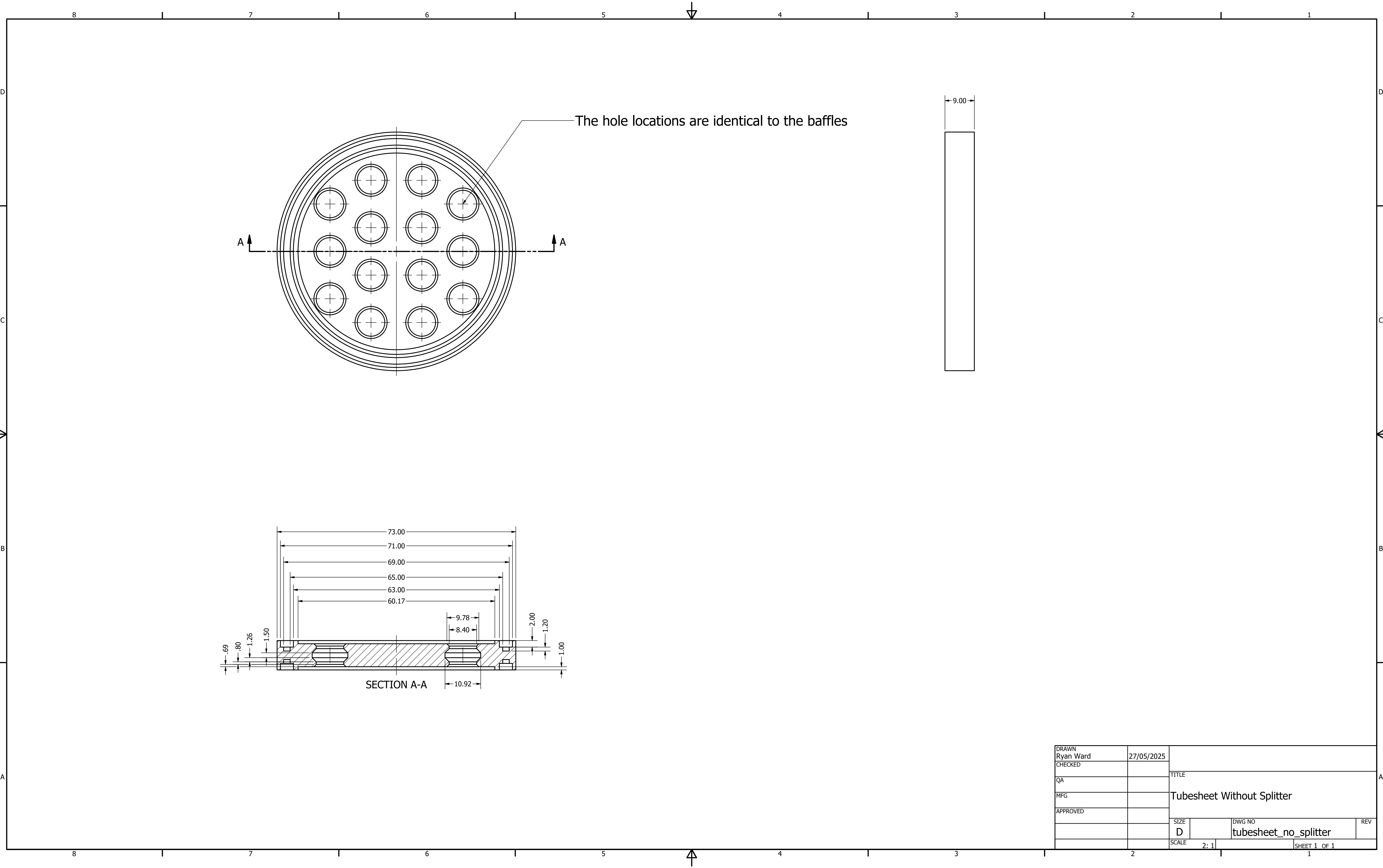


DRAWN Ryan Ward	27/05/2025	TITLE Endplate Without Splitter		
CHECKED				
QA		DWG NO endplate_no_splitter		
MFG				
APPROVED		SIZE D	REV	
		SCALE 2 : 1	SHEET 1 OF 1	



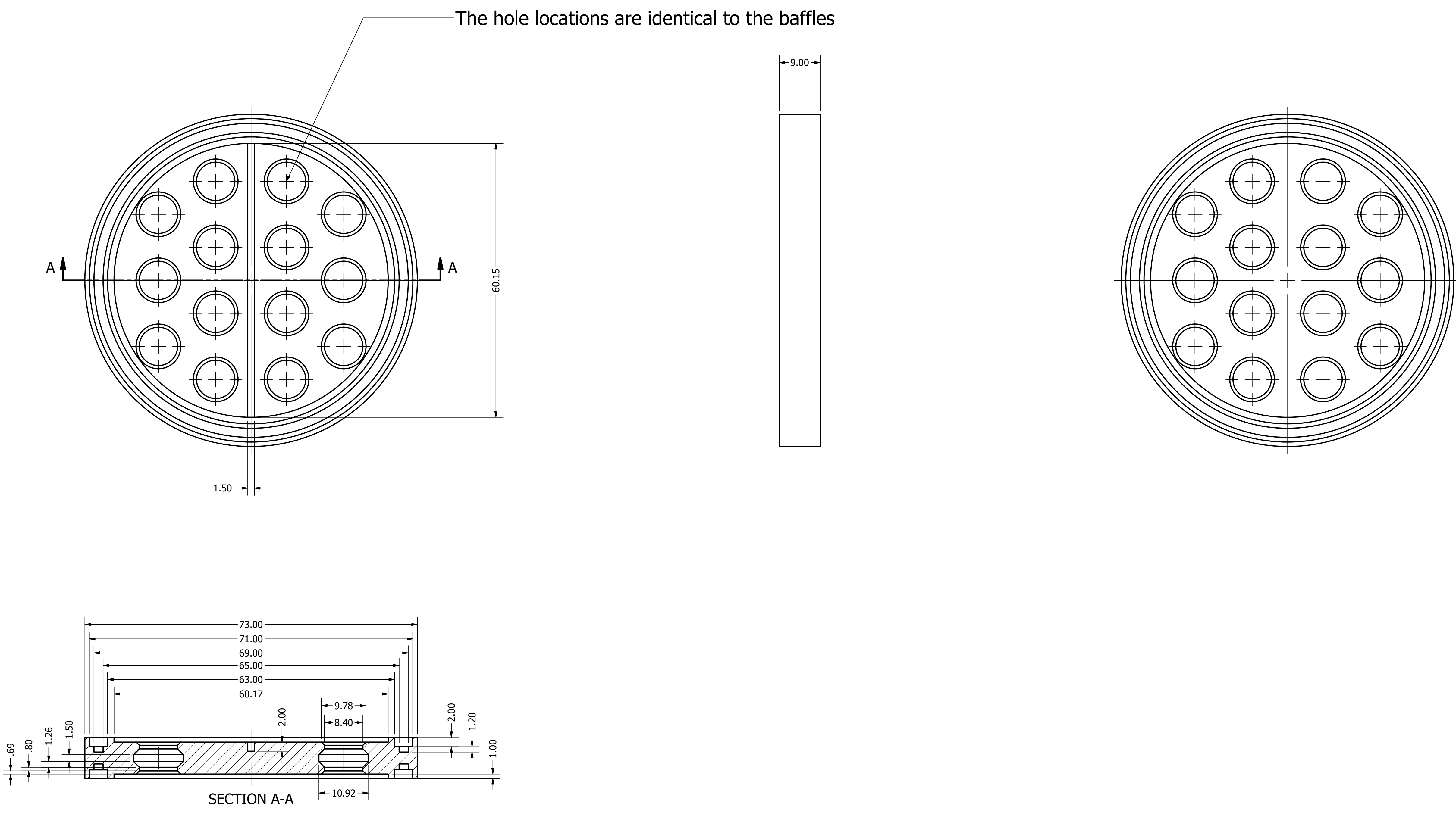
SECTION A-A

DRAWN Ryan Ward	27/05/2025	TITLE  Endplate With Splitter		
CHECKED				
QA				
MFG				
APPROVED		SIZE D	DWG NO endplate_splitter	REV
		SCALE 2 : 1	SHEET 1 OF 1	



DRAWN Ryan Ward	27/05/2025	TITLE Tubesheet Without Splitter		
CHECKED				
QA		SIZE D		
MFG				
APPROVED		DWG NO tubesheet_no_splitter		
SCALE 2: 1		SHEET 1 OF 1		





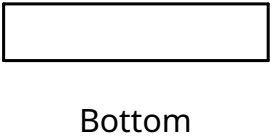
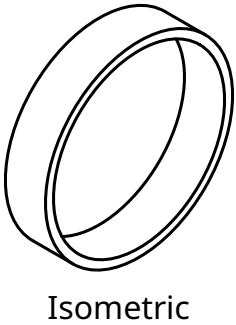
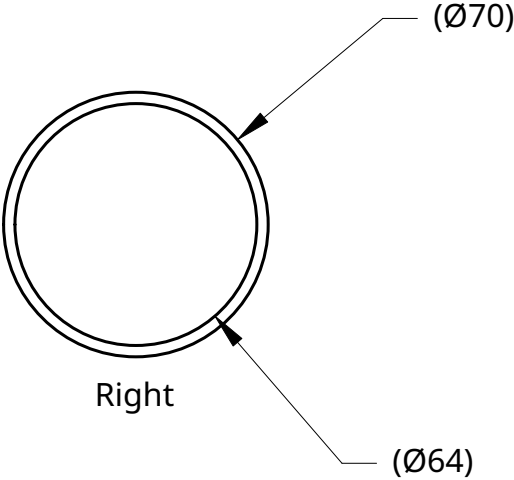
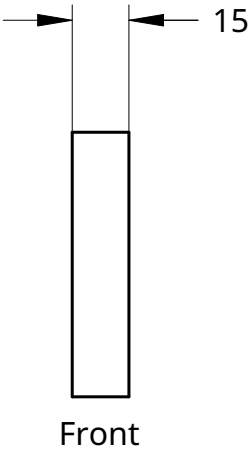
DRAWN Ryan Ward	27/05/2025	TITLE  Tubesheet With Splitter		
CHECKED				
QA		DWG NO tubesheet_splitter		
MFG				
APPROVED		SIZE D	REV	
		SCALE 2 : 1	SHEET 1 OF 1	


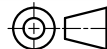
B

A

B

A



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS  ANGULAR = ± °  SURFACE FINISH   DO NOT SCALE DRAWING  BREAK ALL SHARP EDGES AND REMOVE BURRS  THIRD ANGLE PROJECTION 		NAME	DATE	TITLE tube section		
	DRAWN	ALEX JIANG	05/27/2025			
	CHECKED					
	APPROVED			SIZE A		
				DWG NO.		
				HX		
				REV.		
				SCALE 1:2		
				WEIGHT		
				SHEET 1 of 1		

2

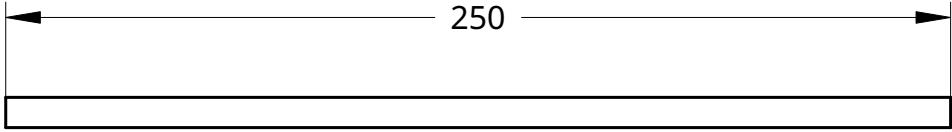
1

B

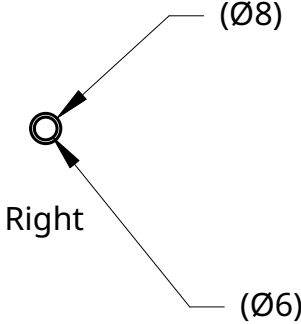
A

B

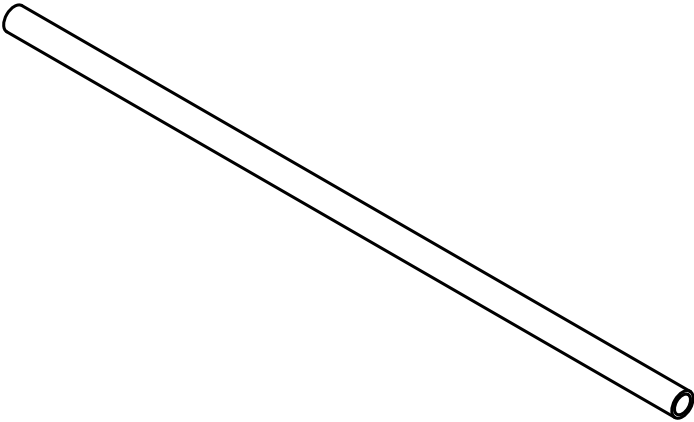
A




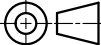
Front



Right



Isometric

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS  ANGULAR = ± °  SURFACE FINISH   DO NOT SCALE DRAWING  BREAK ALL SHARP EDGES AND REMOVE BURRS  THIRD ANGLE PROJECTION 		NAME	DATE	TITLE Copper Tube		
	DRAWN	ALEX JIANG	05/27/2025			
	CHECKED					
	APPROVED					
	MATERIAL	copper		SIZE	DWG NO.	REV.
				A	HX	1
				SCALE	WEIGHT	SHEET
				1:2		1 of 1

2

1

B

A

B

A

2

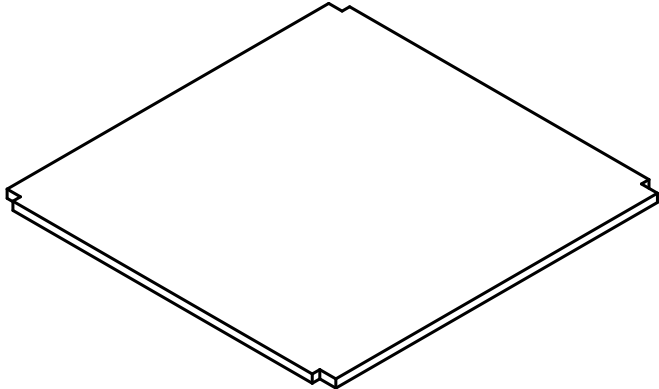
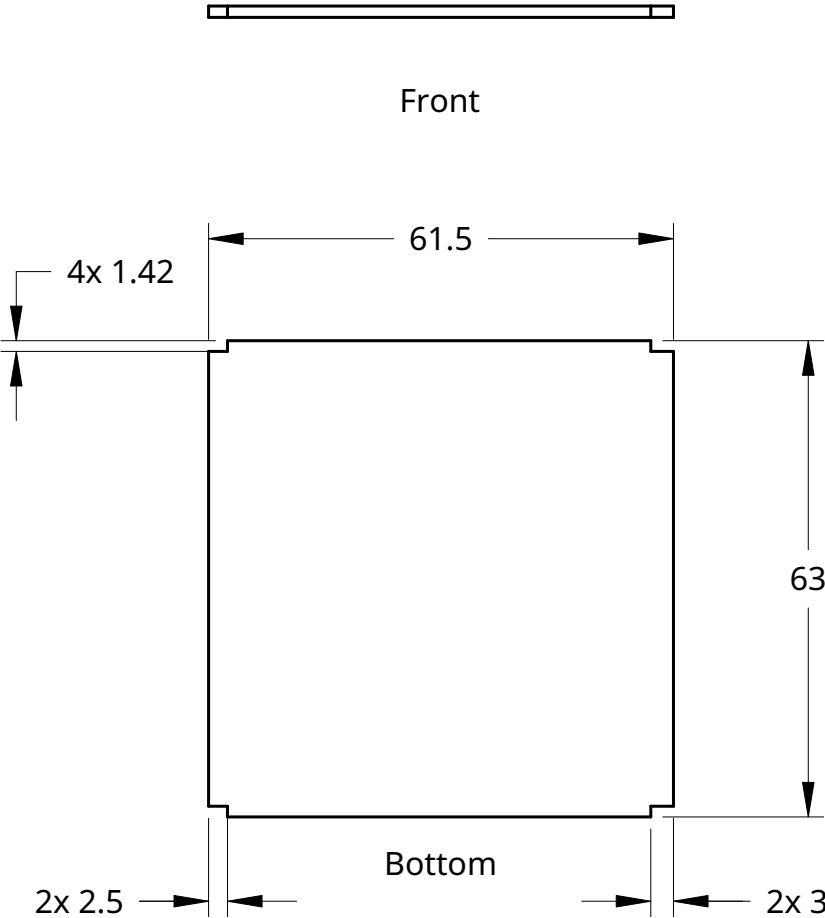
1


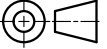
Front

Right

Bottom

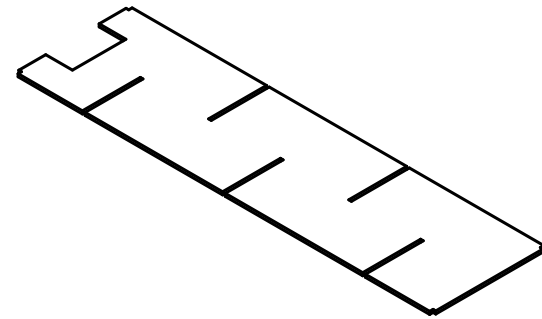
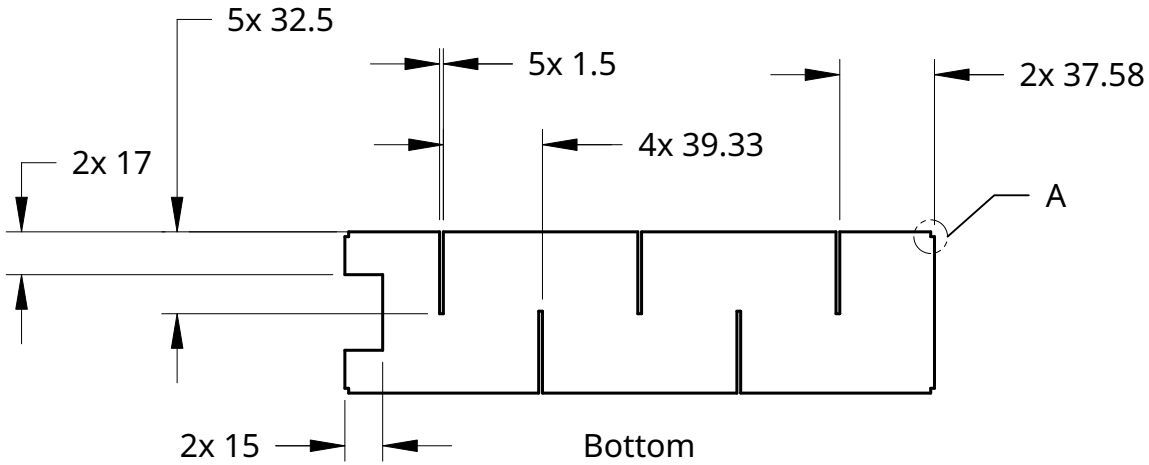
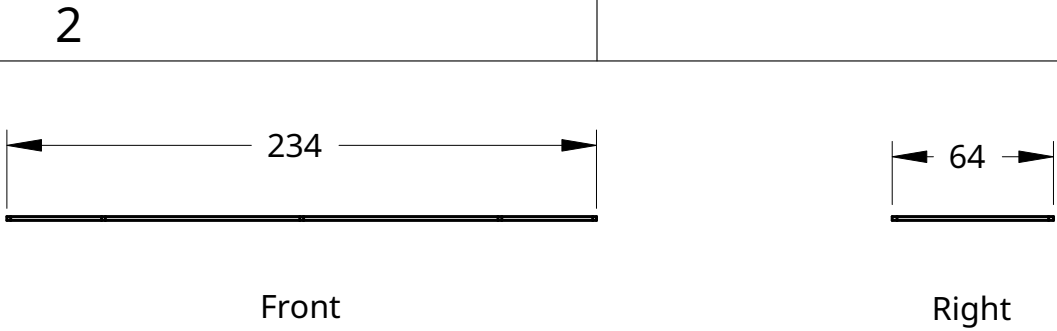
Isometric



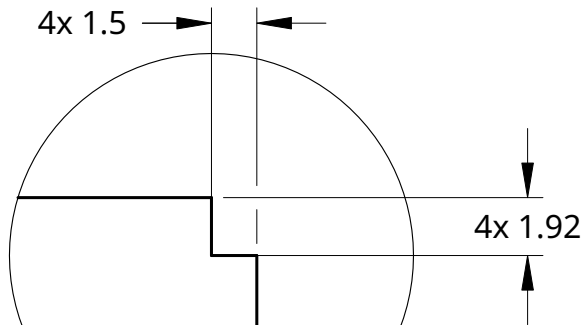
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS  ANGULAR = ± °  SURFACE FINISH   DO NOT SCALE DRAWING  BREAK ALL SHARP EDGES AND REMOVE BURRS  THIRD ANGLE PROJECTION 		NAME	DATE	TITLE End splitter		
	DRAWN	ALEX JIANG	05/27/2025			
	CHECKED					
	APPROVED					
	MATERIAL	FINISH		SIZE	DWG NO.	REV.
	ABS plate 1.5mm			A	HX	1
				SCALE	1:1	WEIGHT
						SHEET
						1 of 1

2


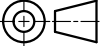
1



Isometric



DETAIL A  
SCALE 4:1

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS  ANGULAR = ± °  SURFACE FINISH 		NAME	DATE	TITLE  Cold flow splitter		
	DRAWN	ALEX JIANG	05/27/2025			
	CHECKED					
	APPROVED					
DO NOT SCALE DRAWING				SIZE <b>A</b>		
BREAK ALL SHARP EDGES AND REMOVE BURRS						
THIRD ANGLE PROJECTION 	MATERIAL ABS plate 1.5mm		FINISH	SCALE 1:3	DWG NO. <b>HX</b>	REV. <b>1</b>
				WEIGHT	SHEET 1 of 1	