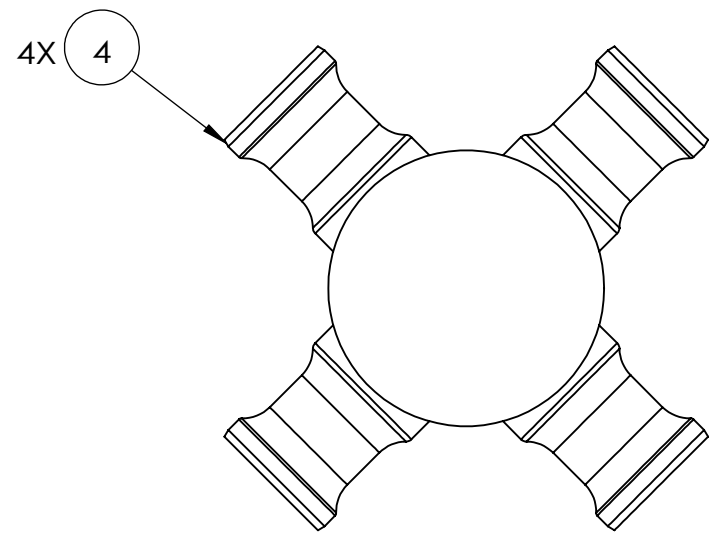
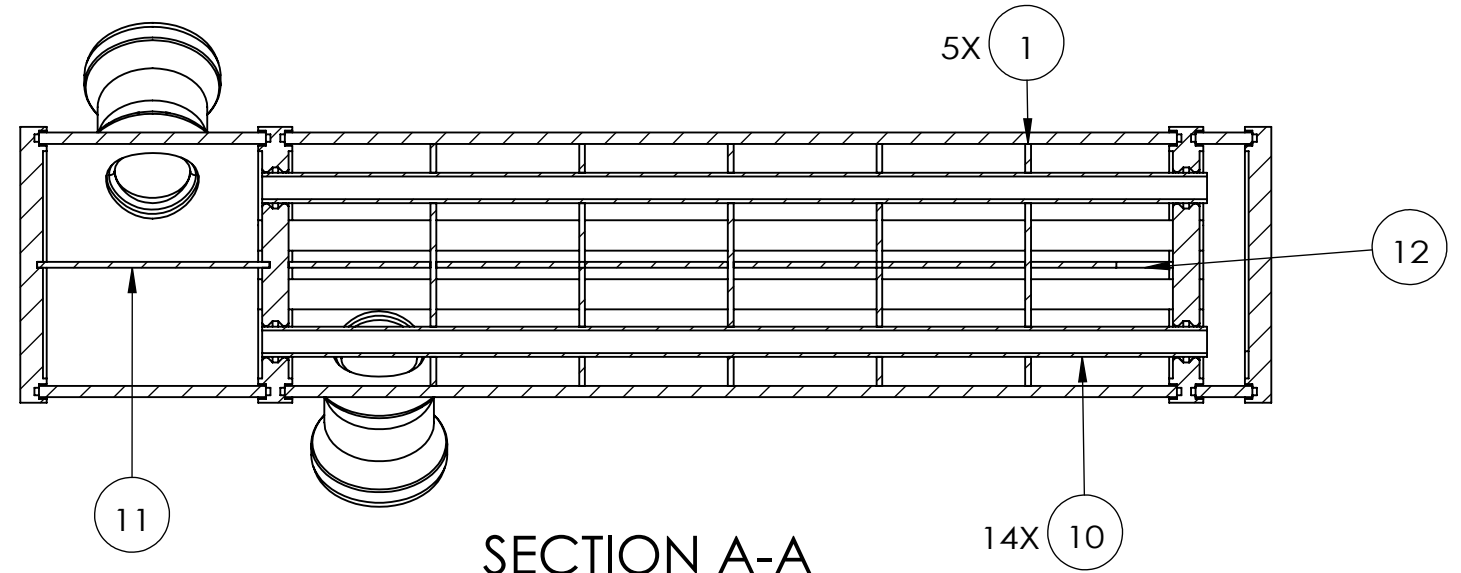


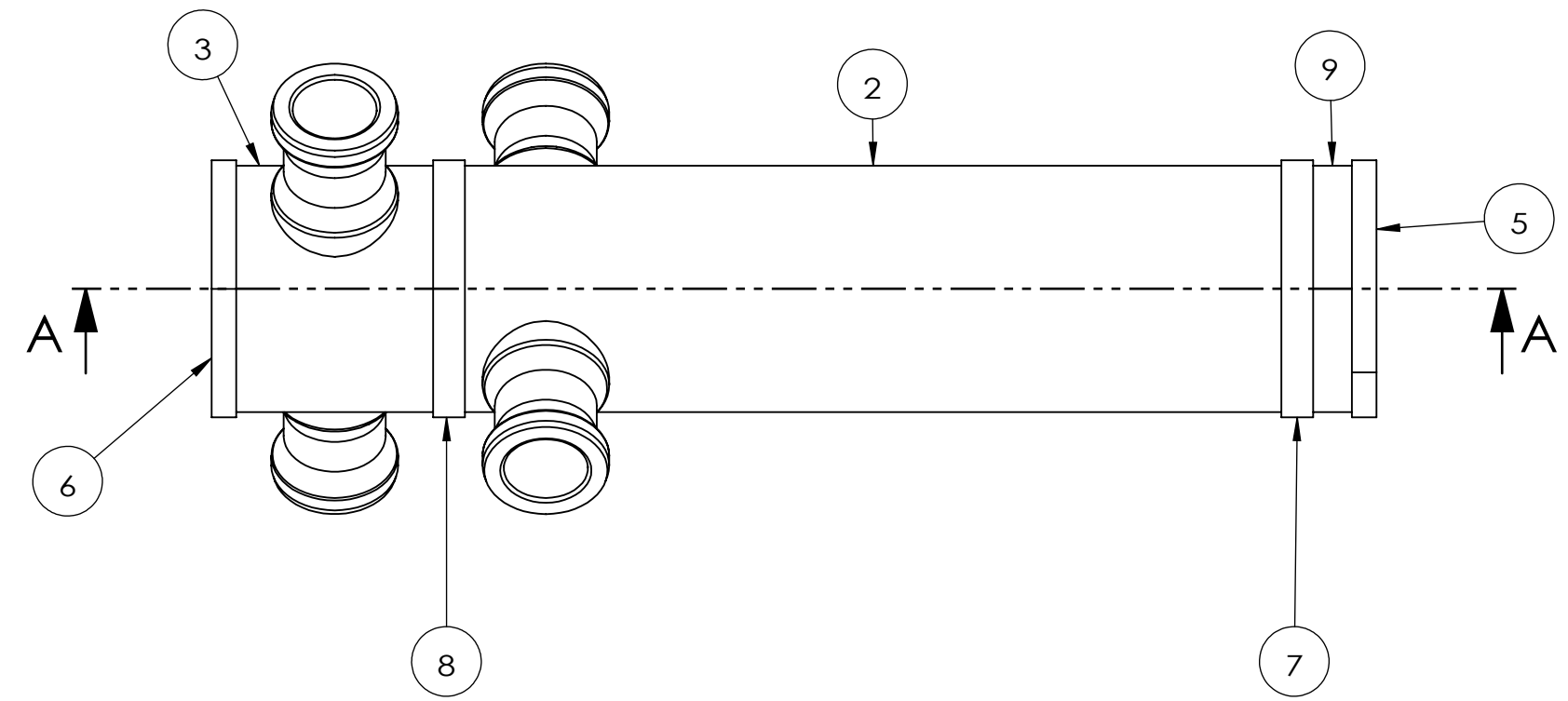
SCALE 1 : 5



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



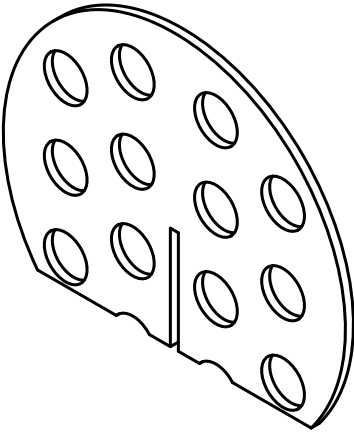
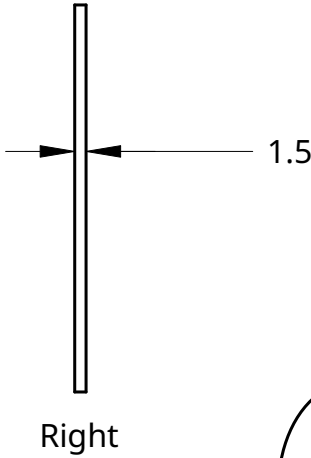
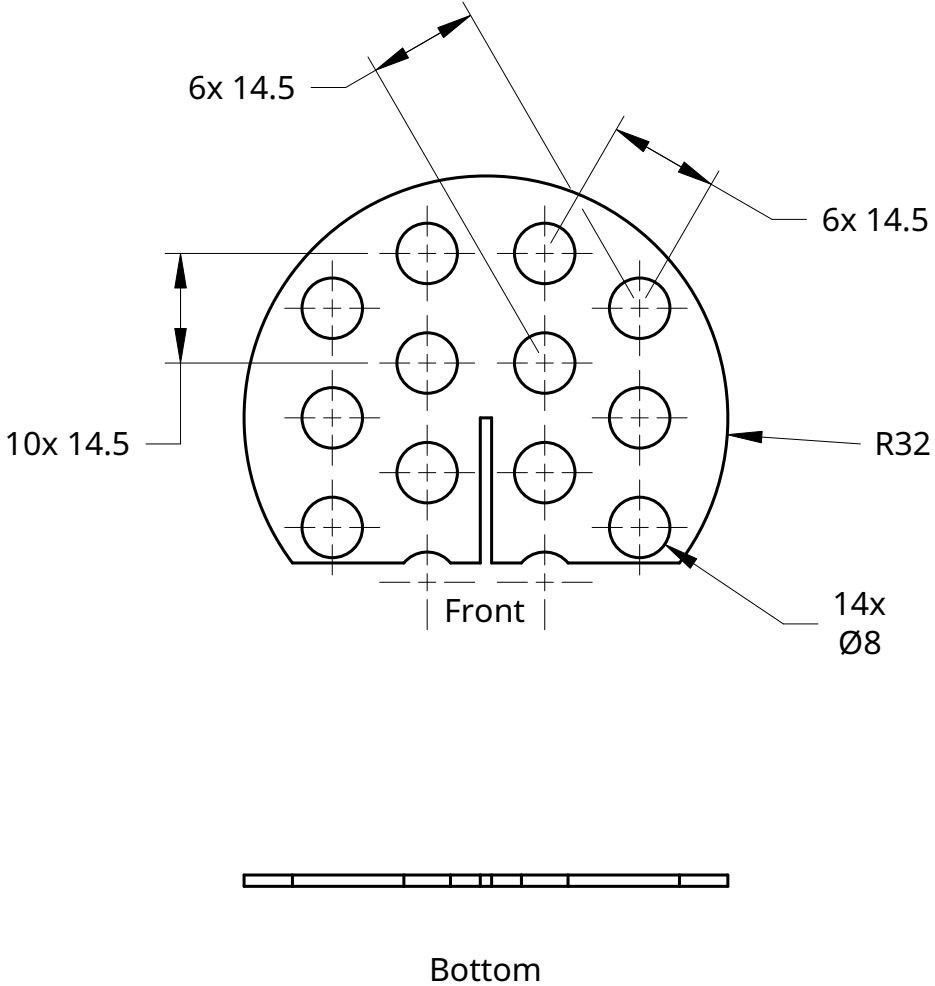
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN		NAME		SIGNATURE		DATE		TITLE:			
CHK'D		Alex Jiang				5/27/2025		HX assy			
APPV'D											
MFG											
Q.A				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

B


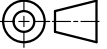
A

B

A



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					
				SIZE A		
MATERIAL ABS plate 1.5mm			FINISH		DWG NO. HX	REV. 1
			SCALE 1:1		WEIGHT	SHEET 1 of 1

2

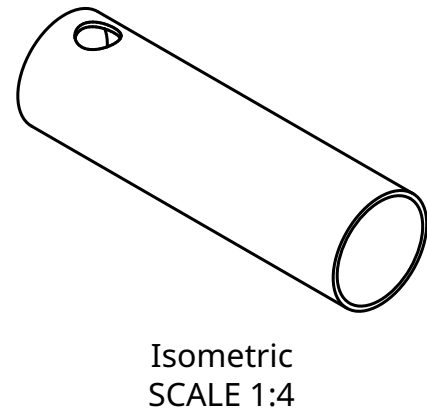
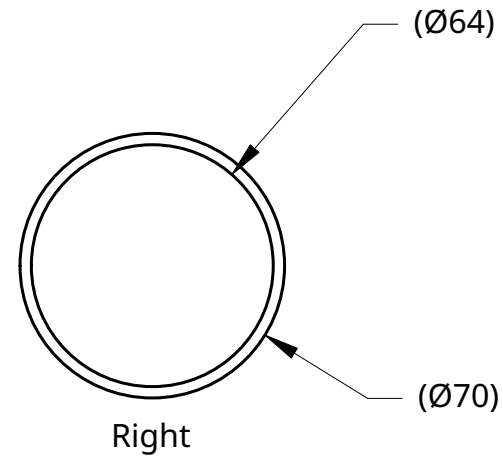
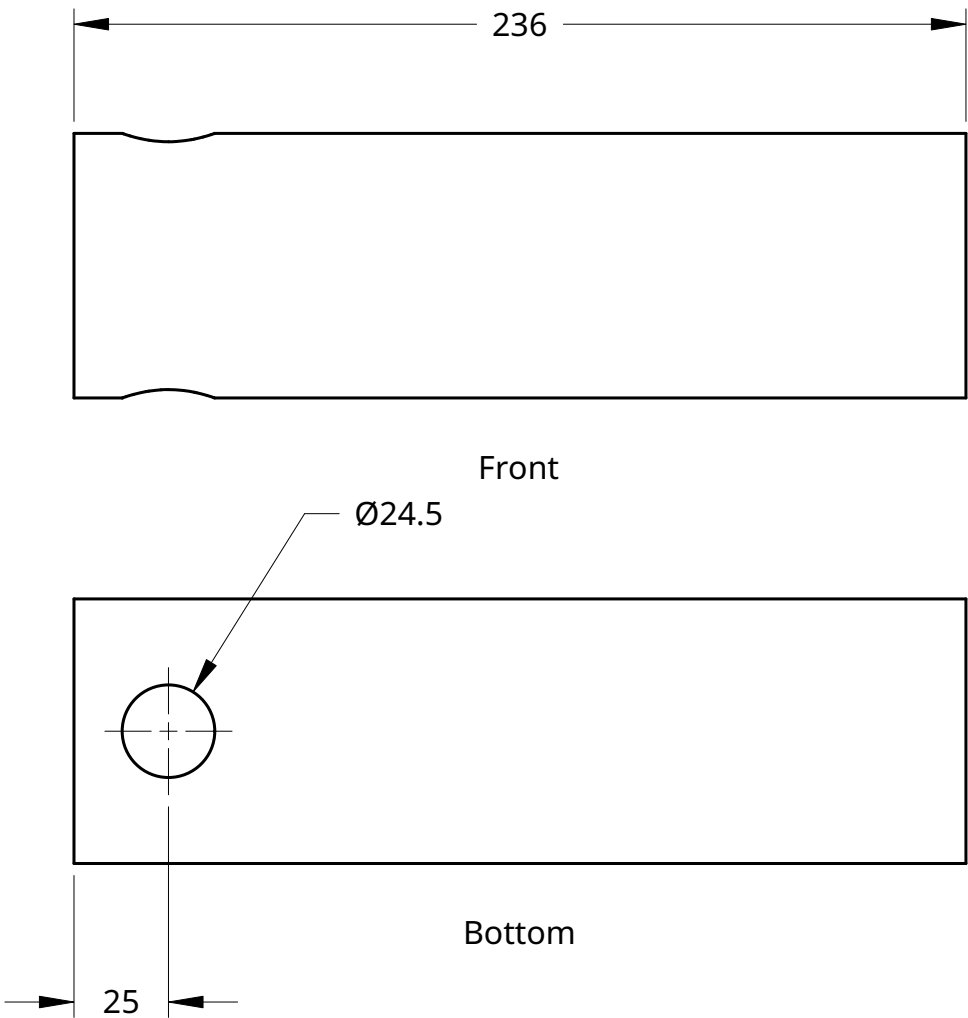
1



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		
	DRAWN	ALEX JIANG	05/27/2025			
	CHECKED					
	APPROVED			SIZE		
MATERIAL		FINISH		DWG NO.		REV.
Acrylic tube				HX		1
SCALE		WEIGHT		SHEET		
1:2				1 of 1		

2

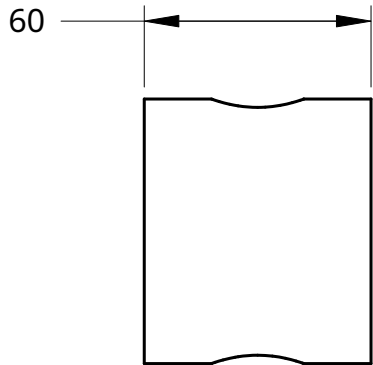
1

B

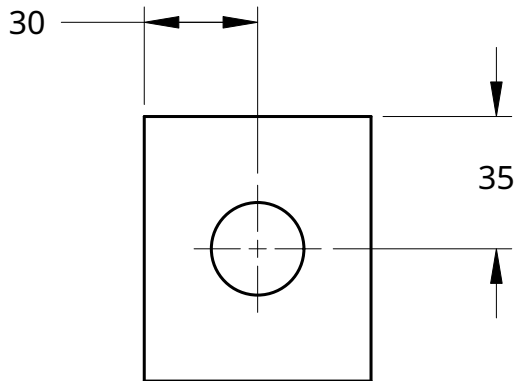
B

A

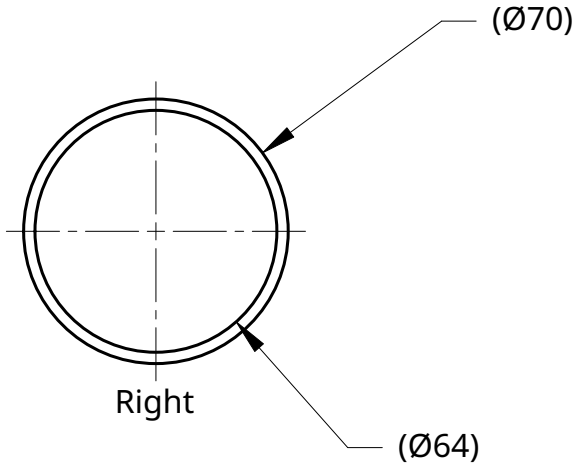
A



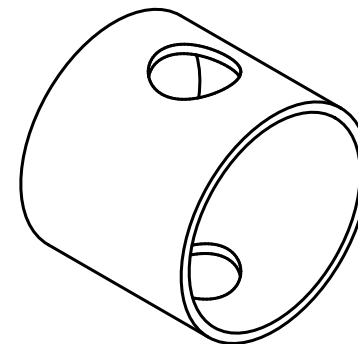
Front




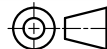
Bottom



Right

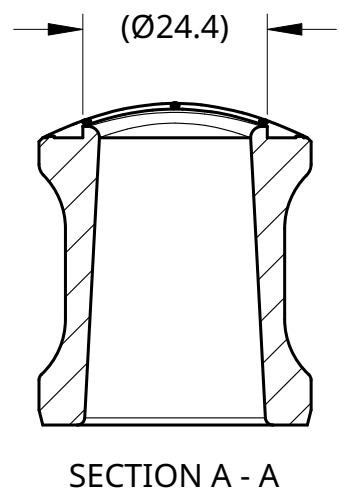
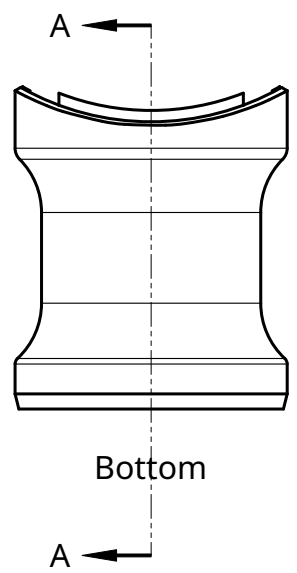
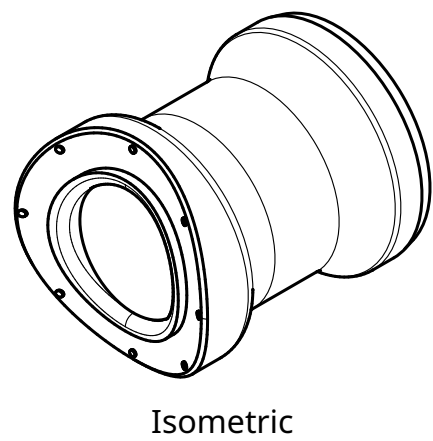
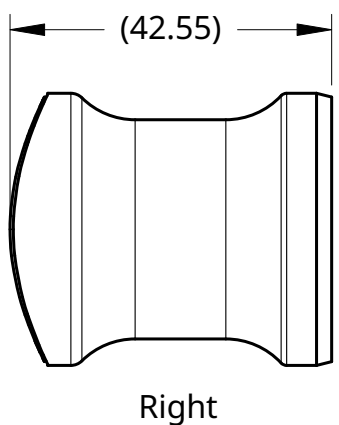
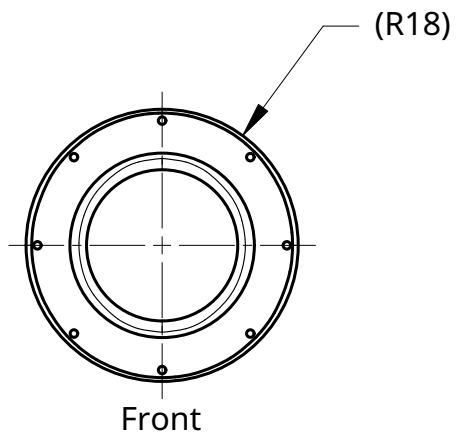


Isometric



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	FINISH		SIZE	DWG NO.	REV.
	Acrylic tube			A	HX	1
				SCALE	1:2	WEIGHT
						SHEET
						1 of 1

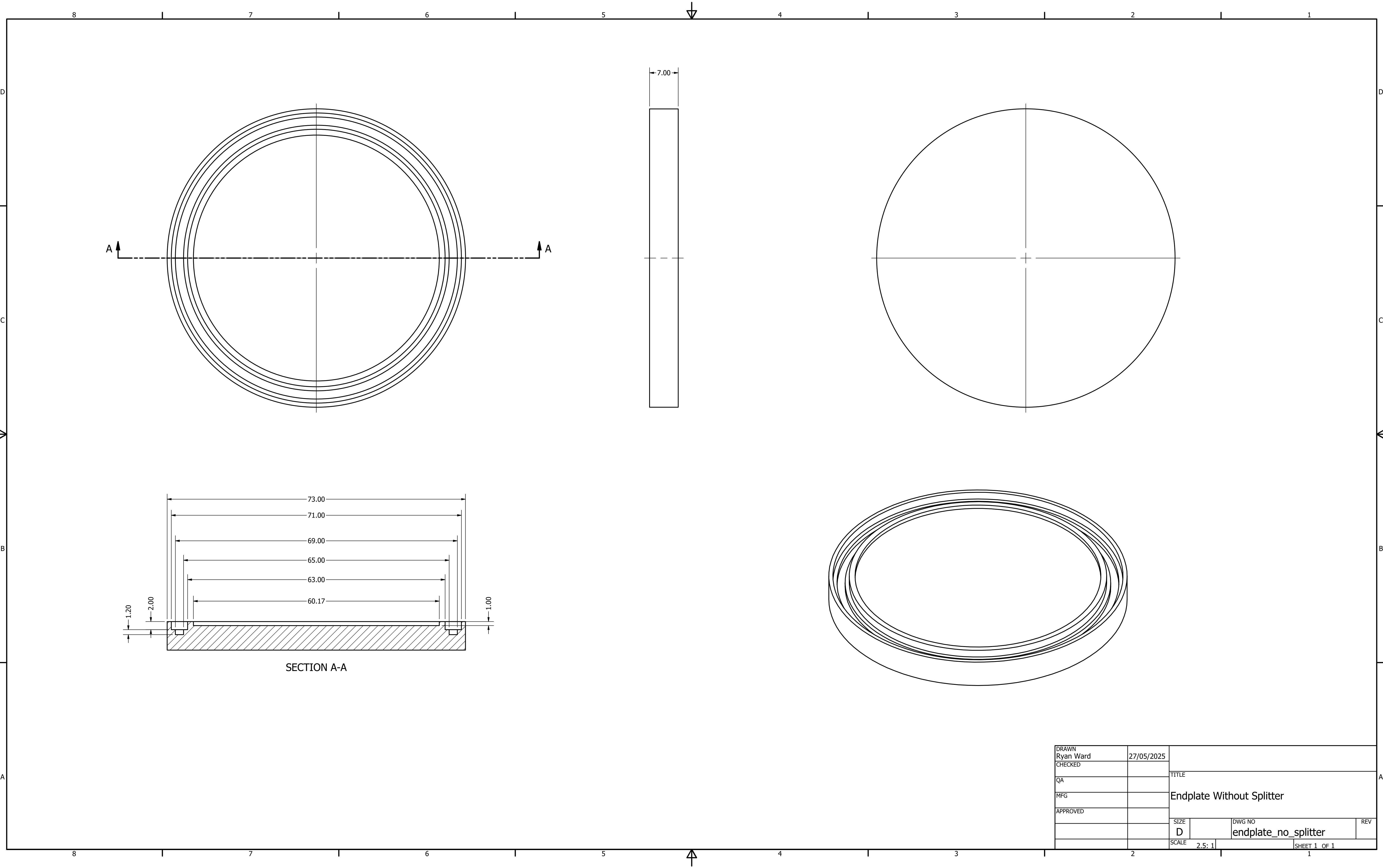
2

1

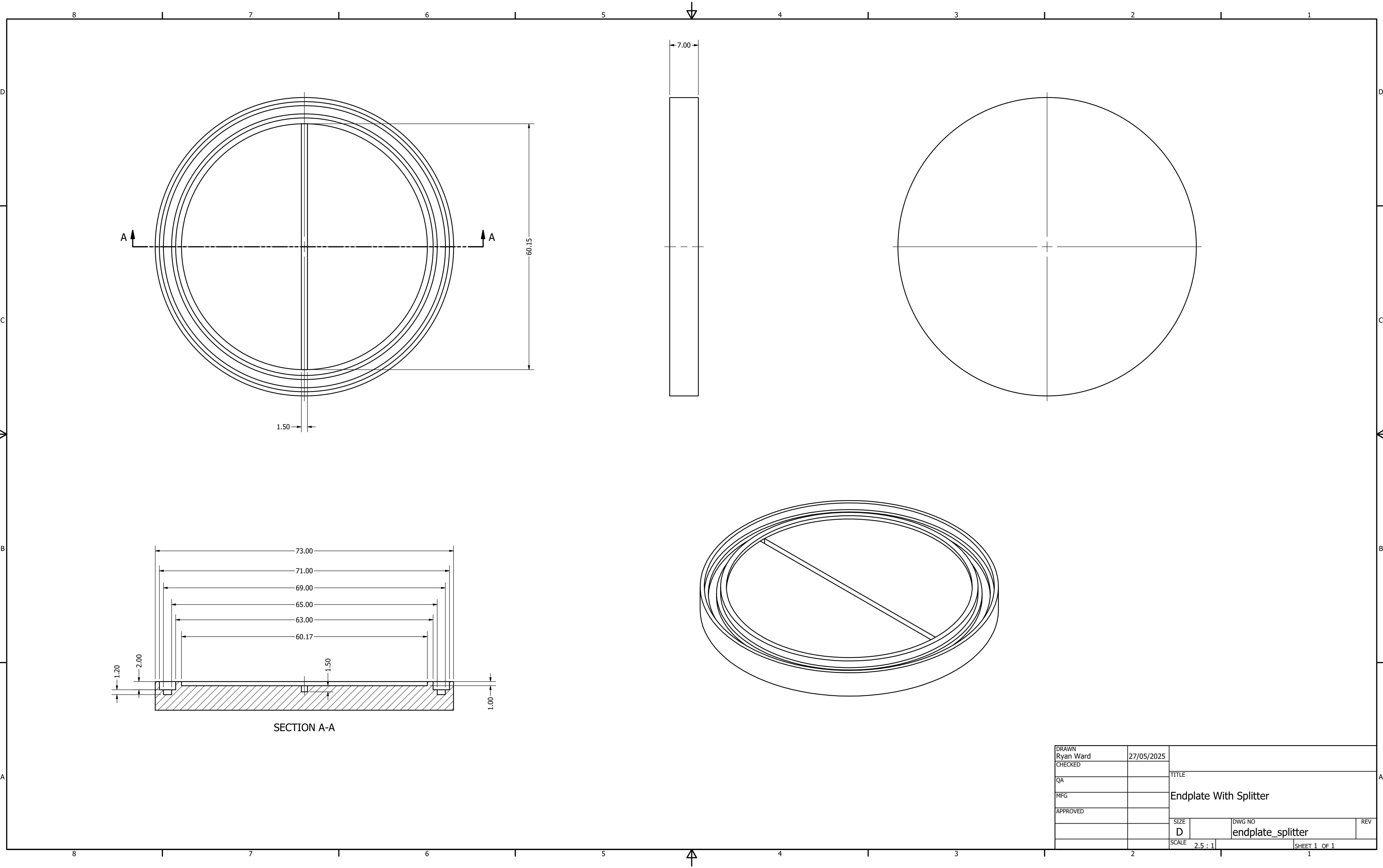


NOTES: REFERENCE DIMENSIONS. PART TO BE SUPPLIED BY CUED

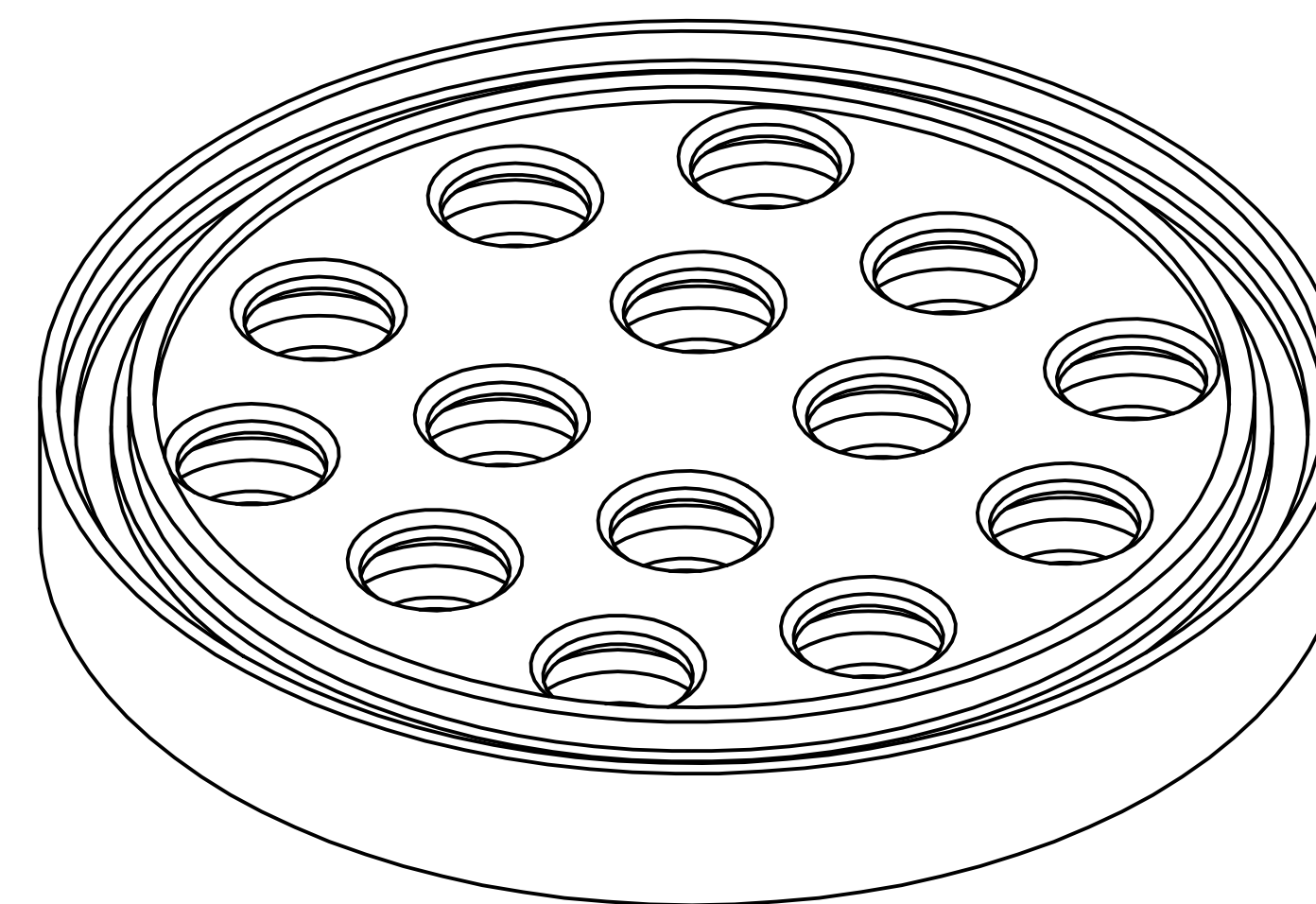
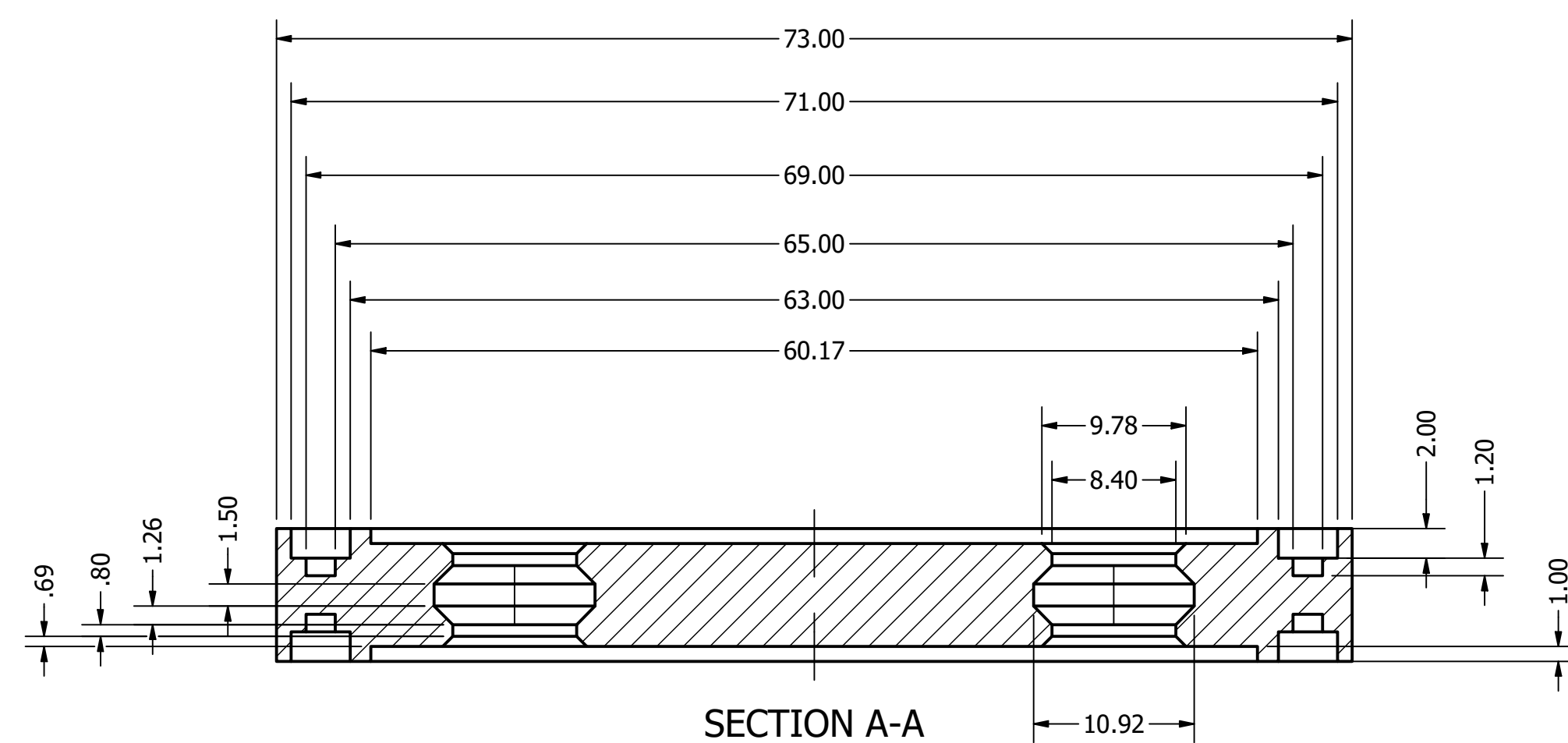
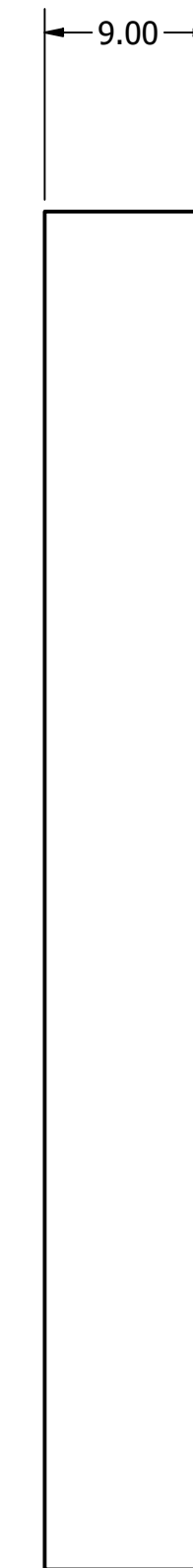
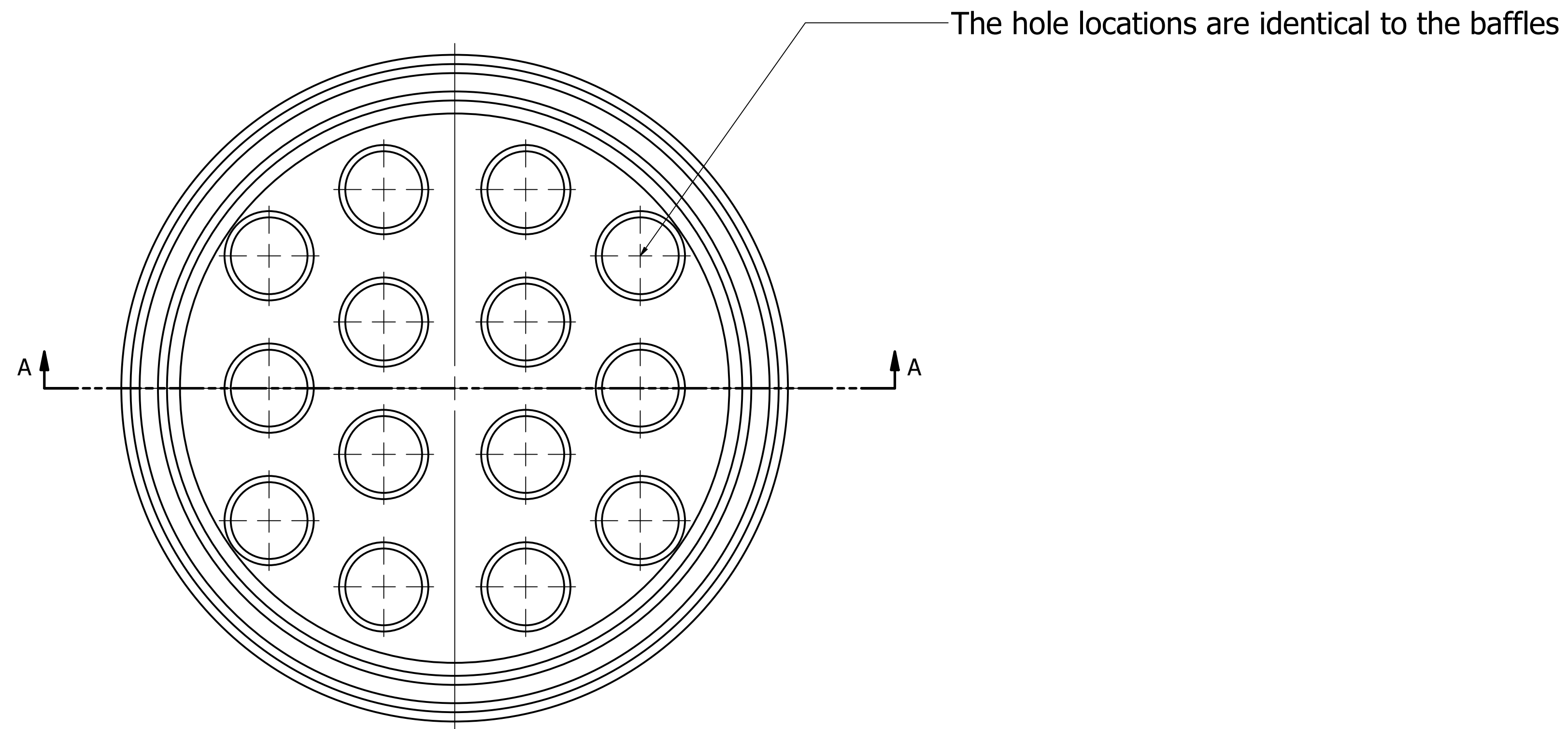
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS  ANGULAR = ± °  SURFACE FINISH   DO NOT SCALE DRAWING  BREAK ALL SHARP EDGES AND REMOVE BURRS  THIRD ANGLE PROJECTION 		NAME	DATE	TITLE  Nozzle		
	DRAWN	ALEX JIANG	05/27/2025			
	CHECKED					
	APPROVED					
				SIZE <b>A</b>		
	MATERIAL		FINISH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



DRAWN Ryan Ward	27/05/2025	TITLE  Endplate Without Splitter		
CHECKED				
QA		SIZE D		
MFG				
APPROVED		DWG NO endplate_no_splitter		
SCALE 2.5: 1		SHEET 1 OF 1		

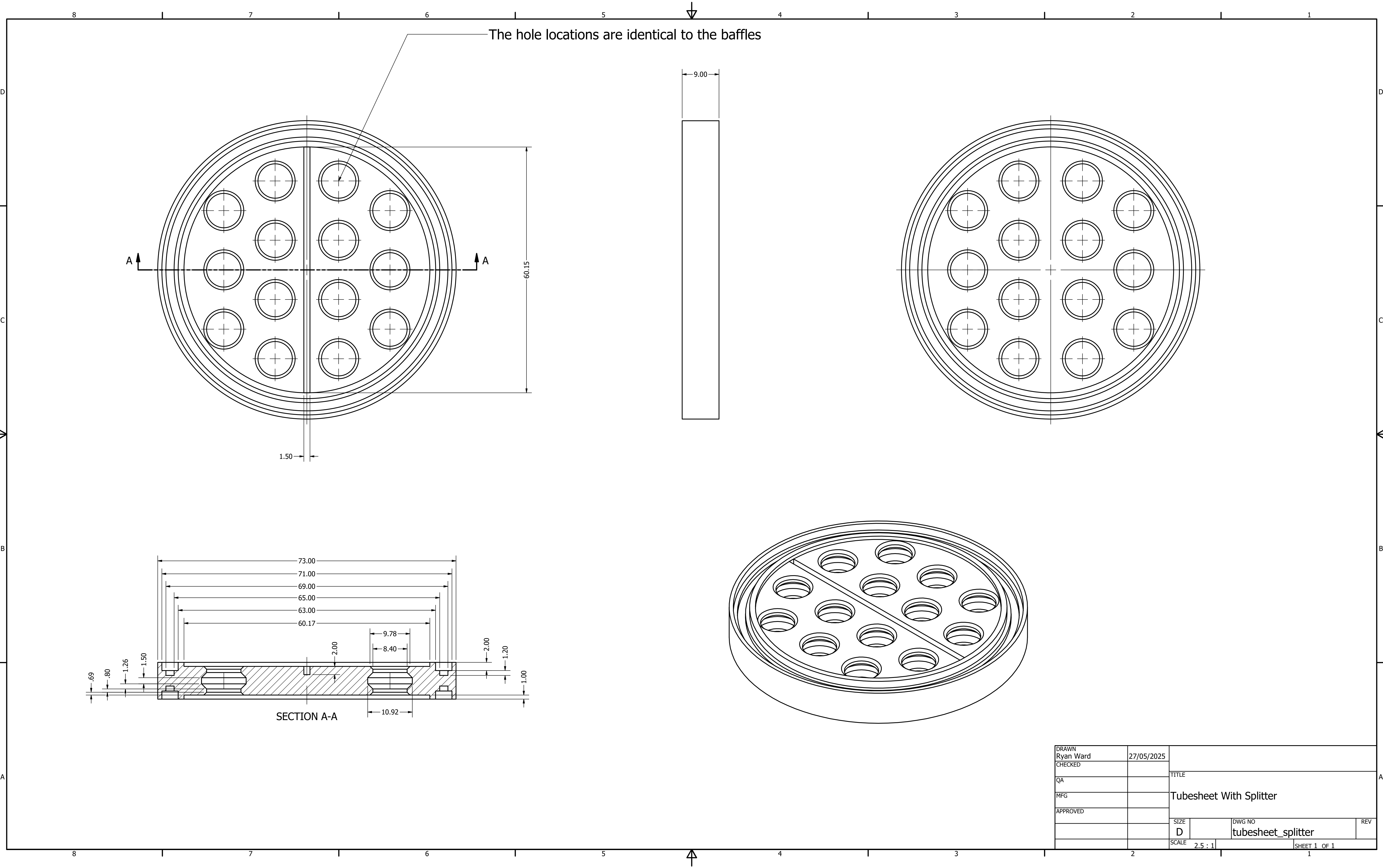


DRAWN Ryan Ward	27/05/2025	TITLE Endplate With Splitter		
CHECKED				
QA		SIZE D		
MFG				
APPROVED		DWG NO endplate_splitter		
		SCALE 2.5 : 1	SHEET 1 OF 1	



DRAWN Ryan Ward	27/05/2025	<div>TITLE</div> <div>Tubesheet Without Splitter</div>		
CHECKED				
QA				
MFG				
APPROVED		SIZE	DWG NO	REV
		D	tubesheet_no_splitter	
		SCALE	2.5: 1	SHEET 1 OF 1





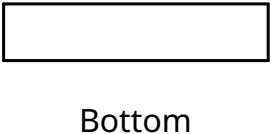
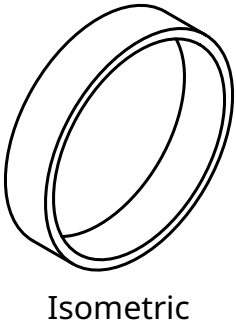
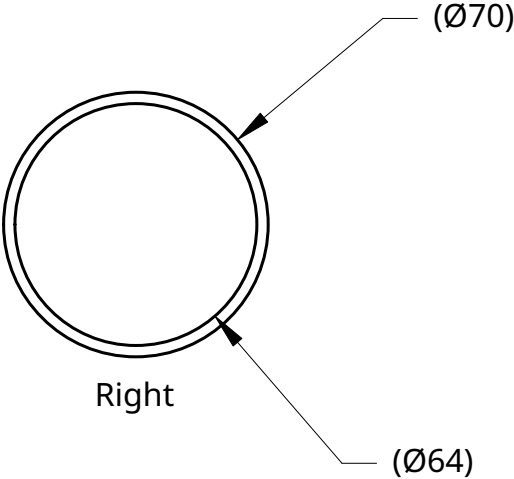
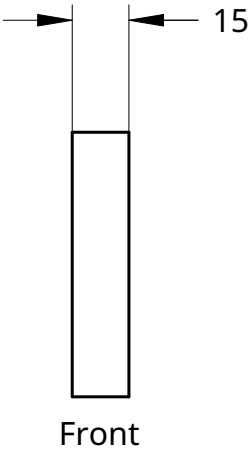
DRAWN Ryan Ward	27/05/2025	TITLE		
CHECKED				
QA		Tubesheet With Splitter		
MFG				
APPROVED		SIZE D	DWG NO tubesheet_splitter	REV
		SCALE 2.5 : 1	SHEET 1 OF 1	


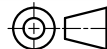
B

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		
MATERIAL Acrylic tube	FINISH		DWG NO. HX		REV.	
		SCALE 1:2		WEIGHT		SHEET 1 of 1

2

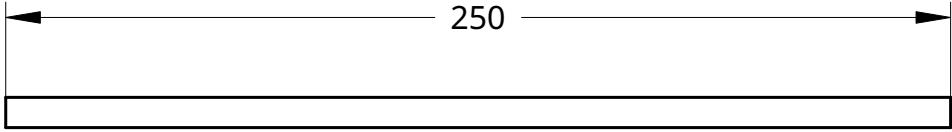
1

B

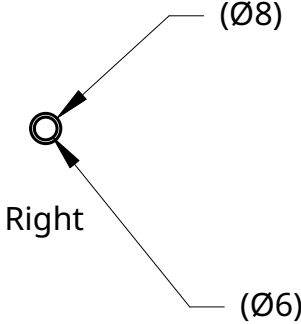
A

B

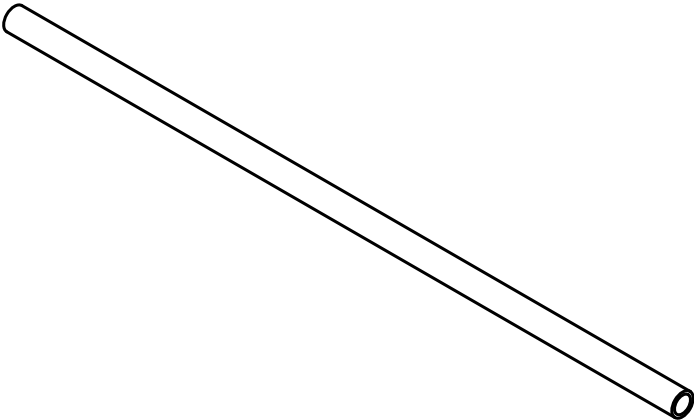
A




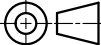
Front



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					
				SIZE A		
	MATERIAL copper	FINISH		DWG NO.	HX	REV. 1
				SCALE 1:2	WEIGHT	SHEET 1 of 1

2

1

B

A

B

A

2

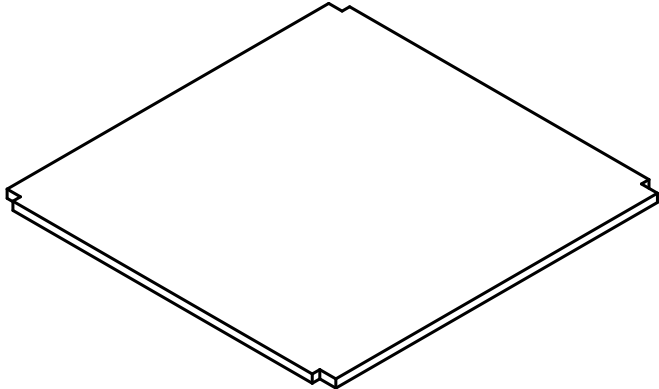
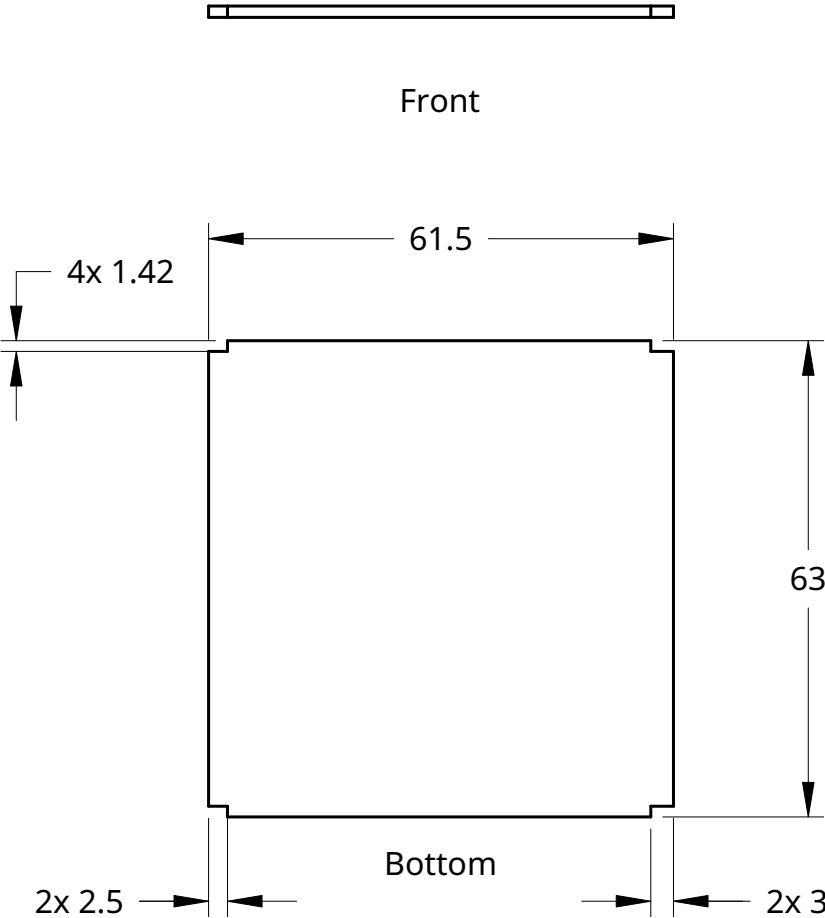
1


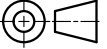
Front

Right

Bottom

Isometric



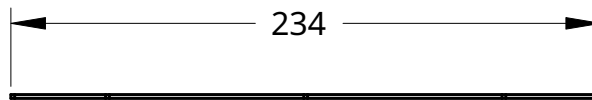
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS  ANGULAR = ± °  SURFACE FINISH   DO NOT SCALE DRAWING  BREAK ALL SHARP EDGES AND REMOVE BURRS  THIRD ANGLE PROJECTION 		NAME	DATE	TITLE End splitter		
	DRAWN	ALEX JIANG	05/27/2025			
	CHECKED					
	APPROVED					
MATERIAL ABS plate 1.5mm		FINISH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

2

1

2

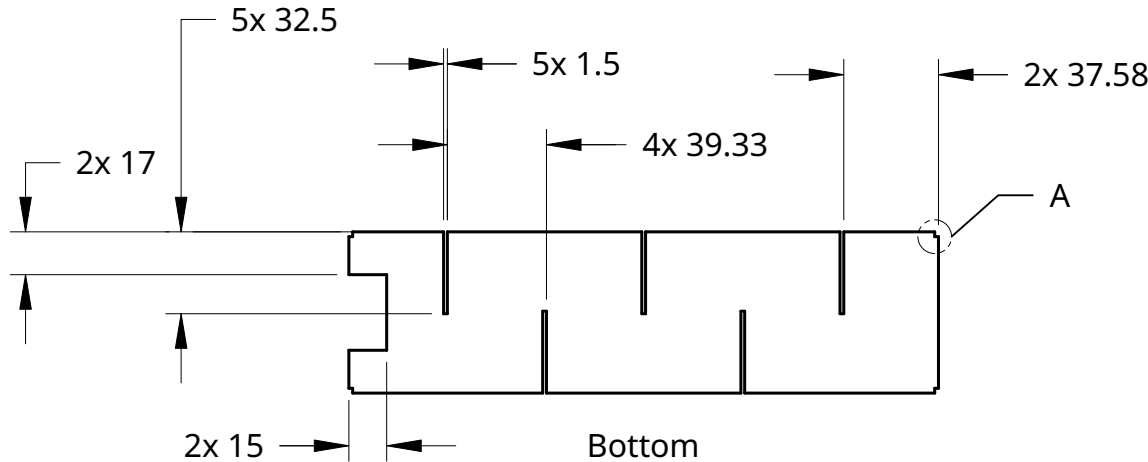
1



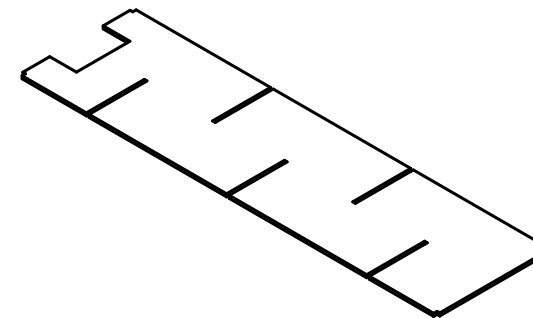
Front



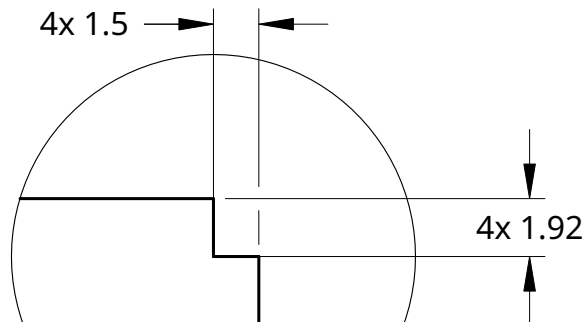
Right





Bottom



Isometric



DETAIL A  
SCALE 4:1

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

2

1