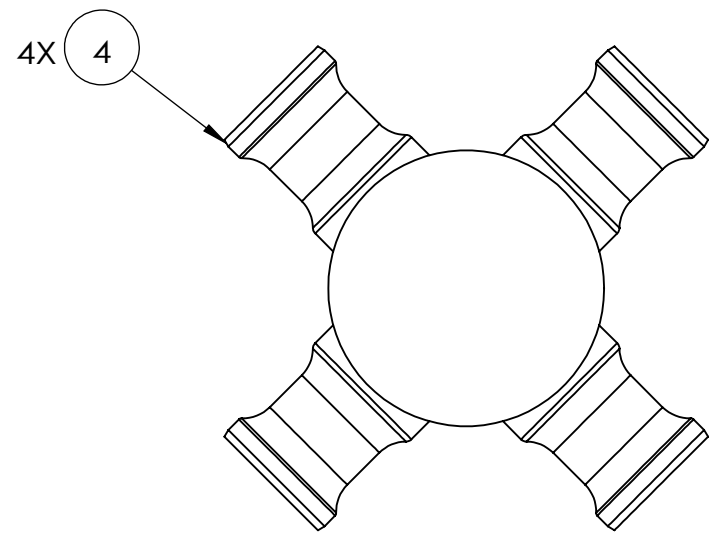
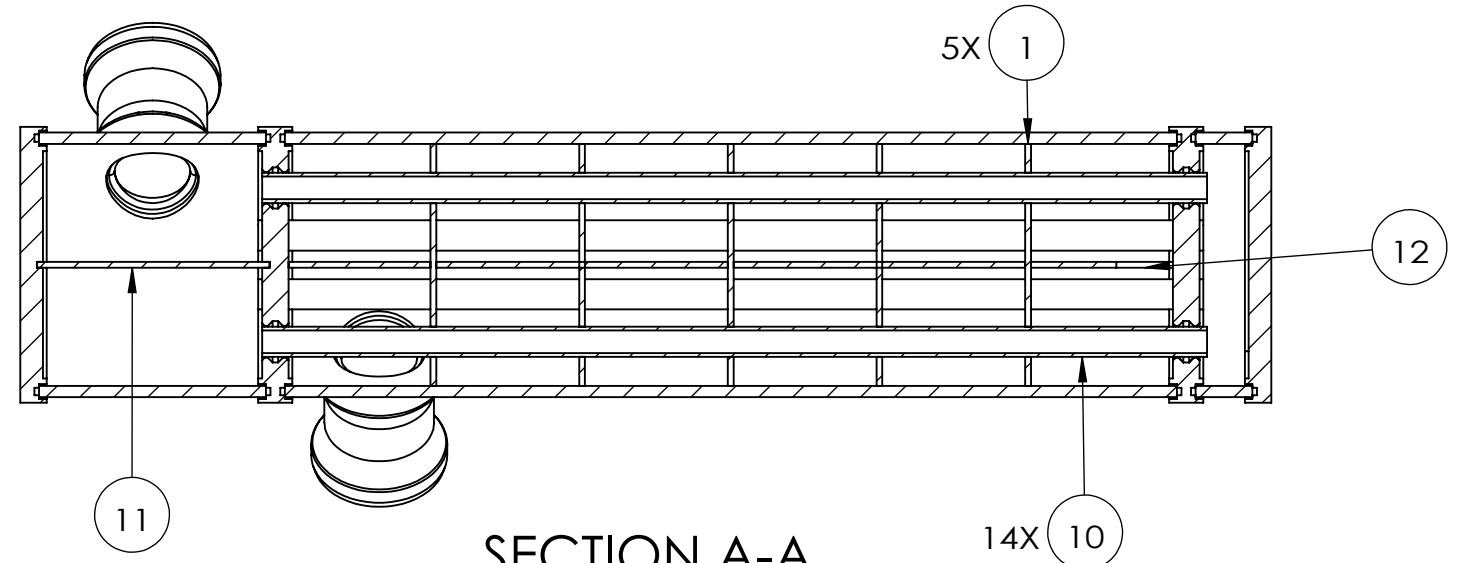


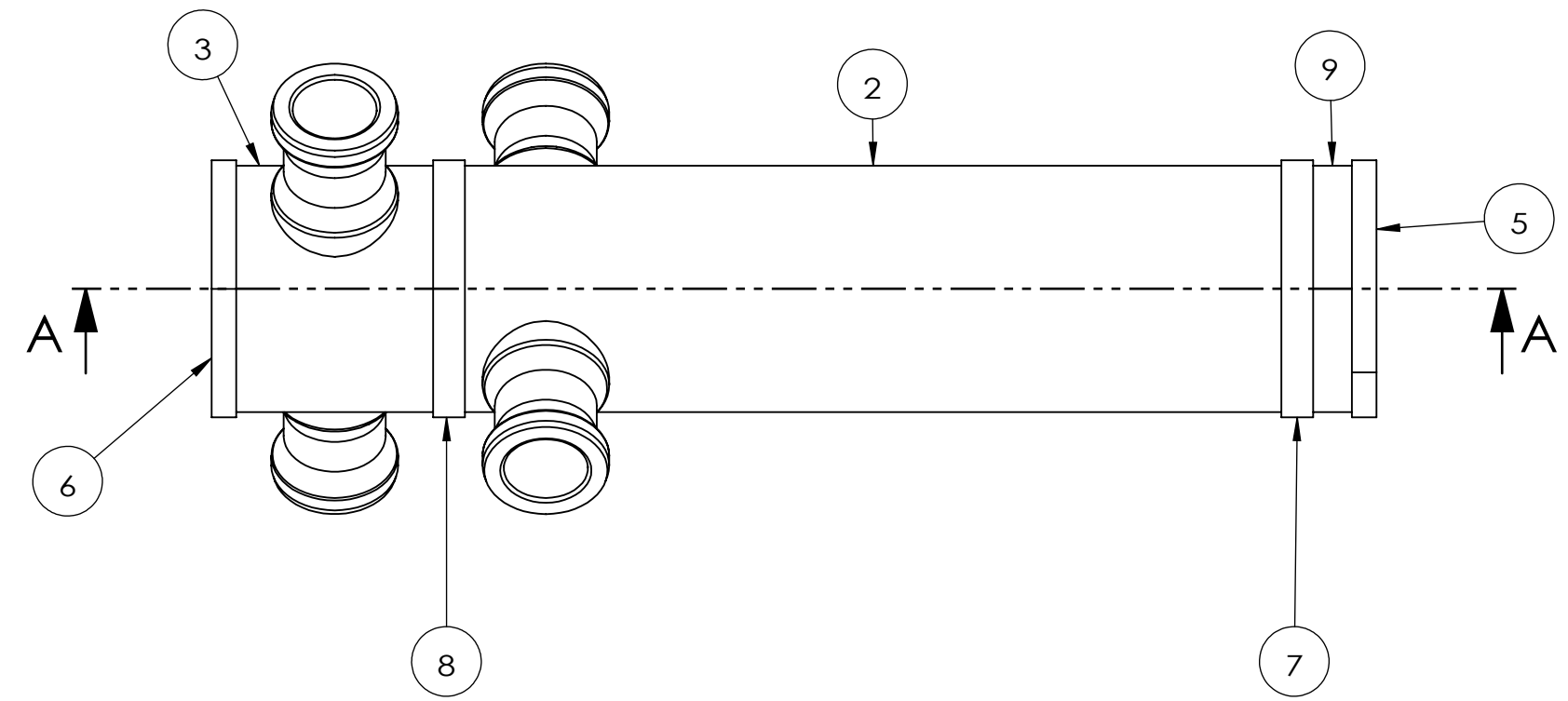
SCALE 1 : 5



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



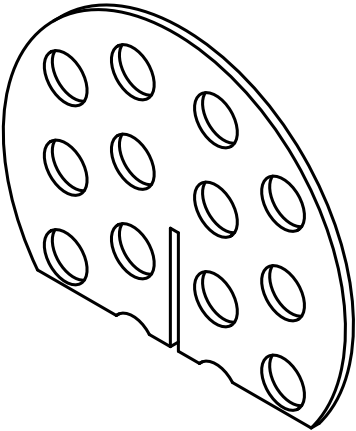
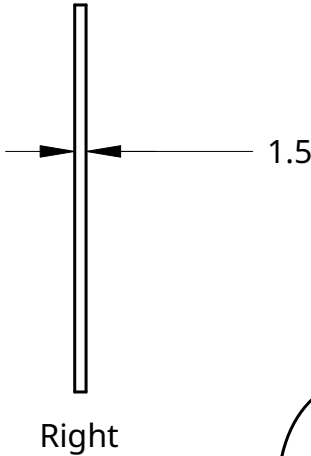
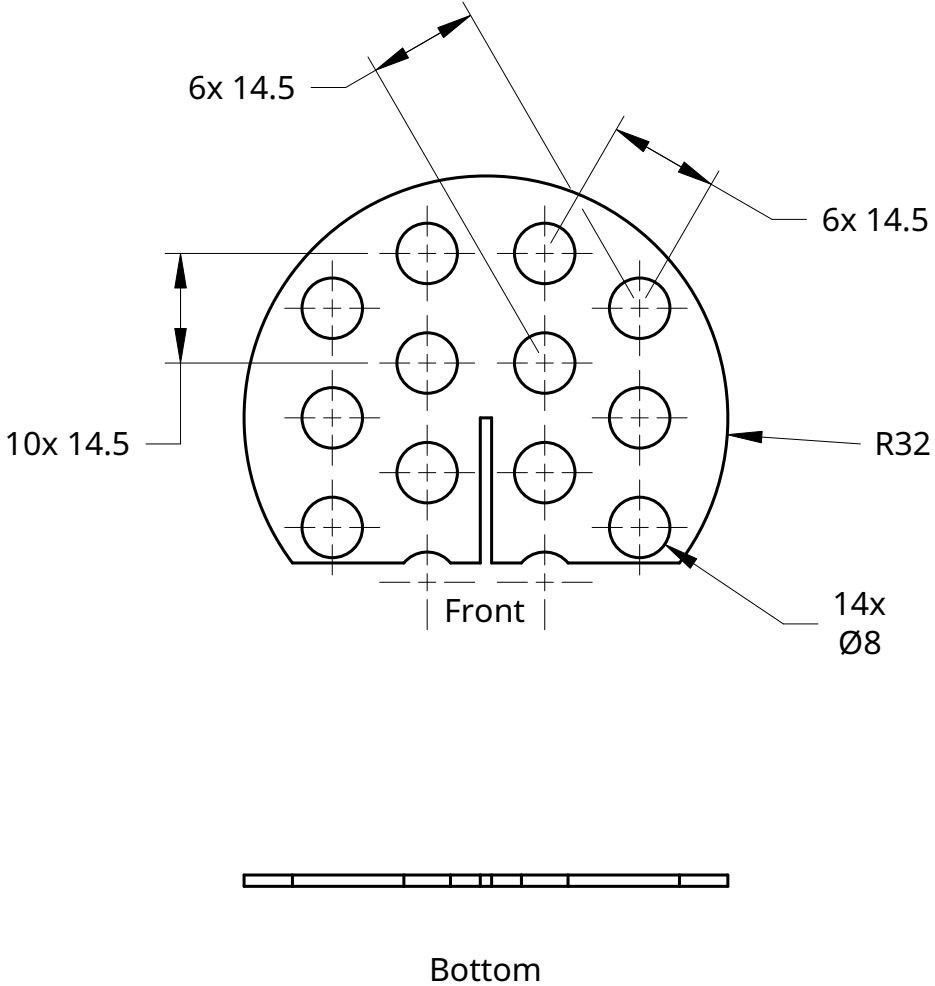
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN		NAME Alex Jiang		SIGNATURE		DATE 5/27/2025		TITLE: HX assy			
CHK'D											
APPV'D											
MFG											
Q.A	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

B


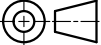
A

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

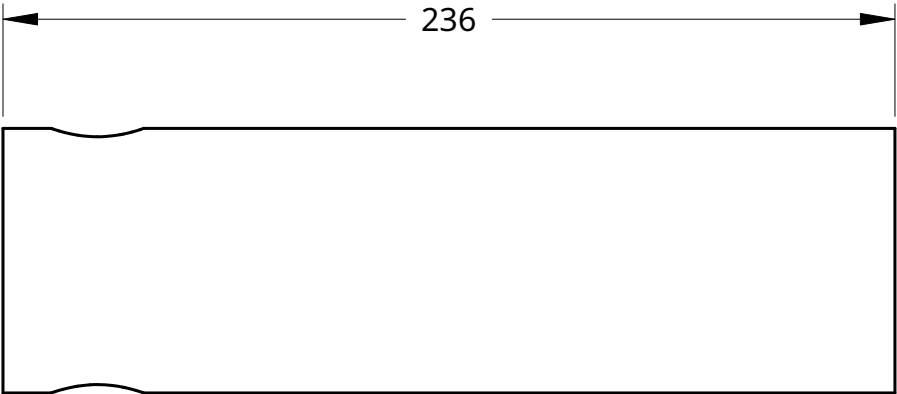
1

B

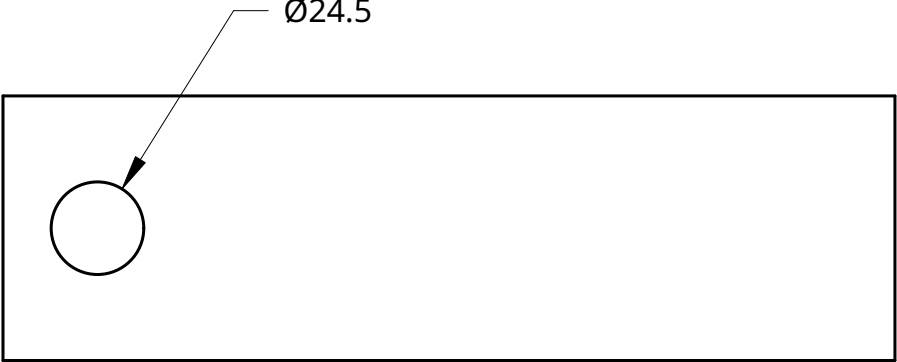
A

B

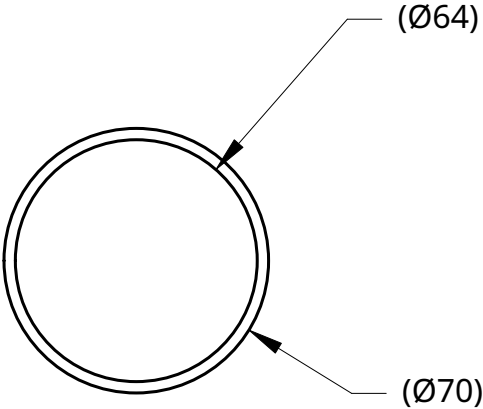
A



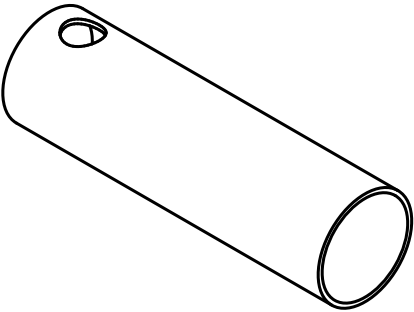
Front





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 A		
	MATERIAL	Acrylic tube	FINISH	SCALE	1:2	1 of 1
				WEIGHT		
				SHEET		
				REV.	1	

2

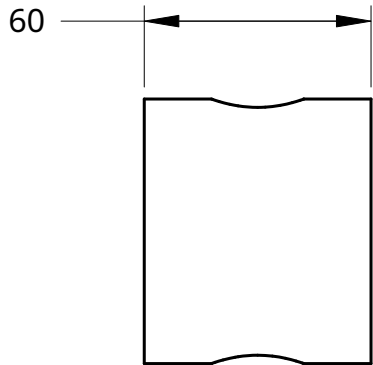
1

B

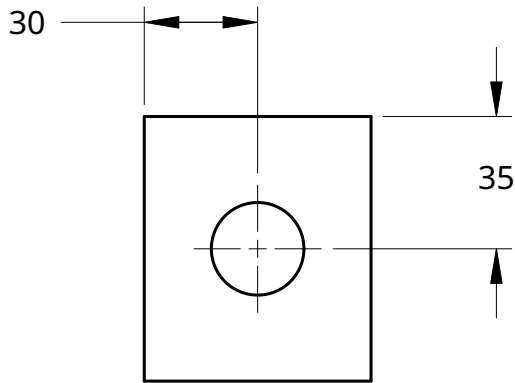
A

B

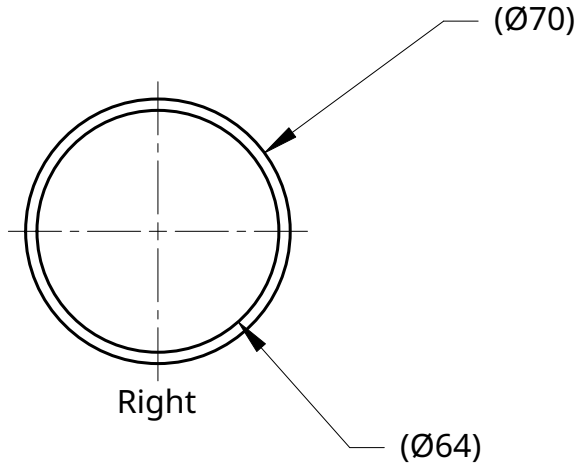
A



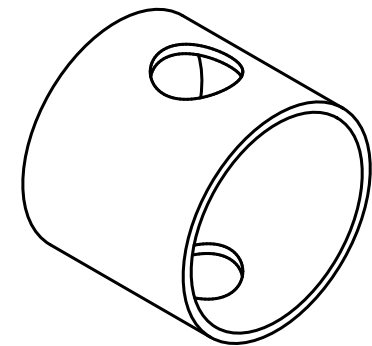
Front




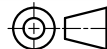
Bottom



Right

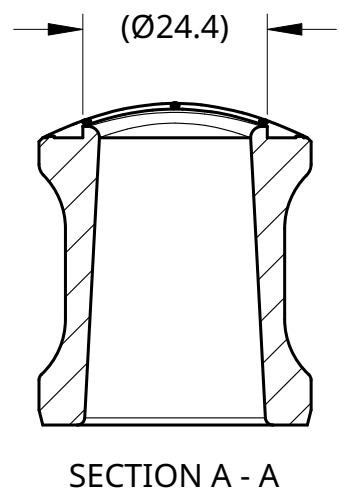
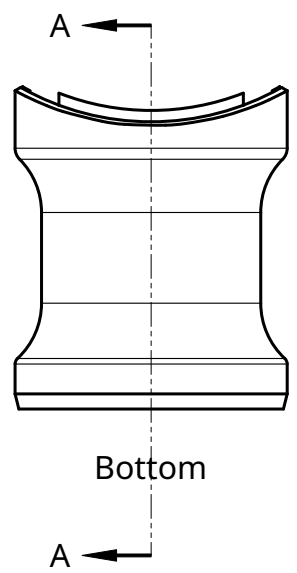
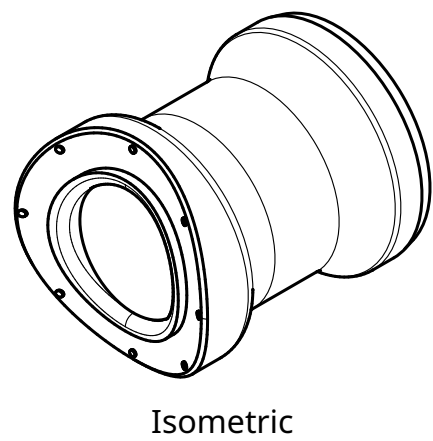
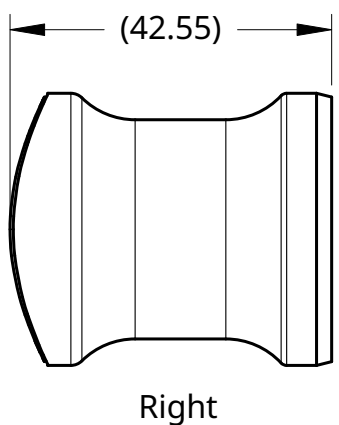
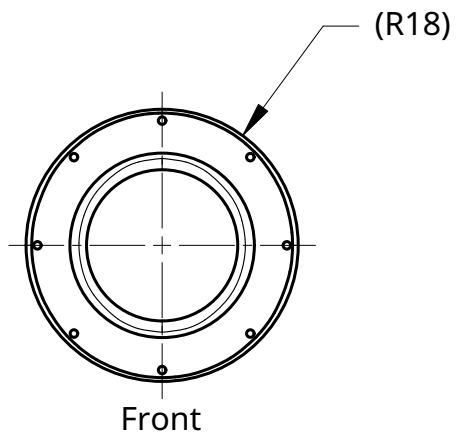


Isometric



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

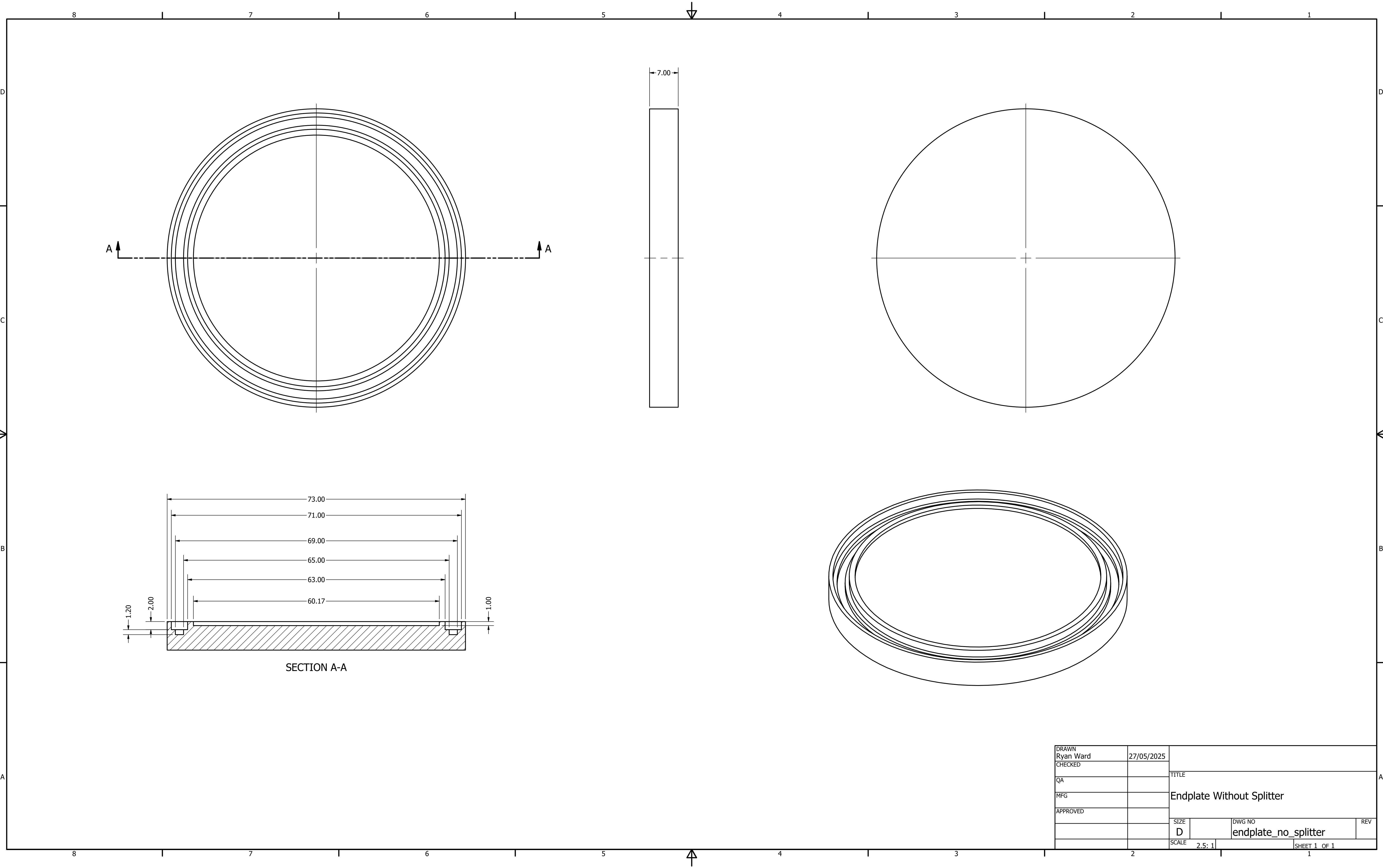
2

1

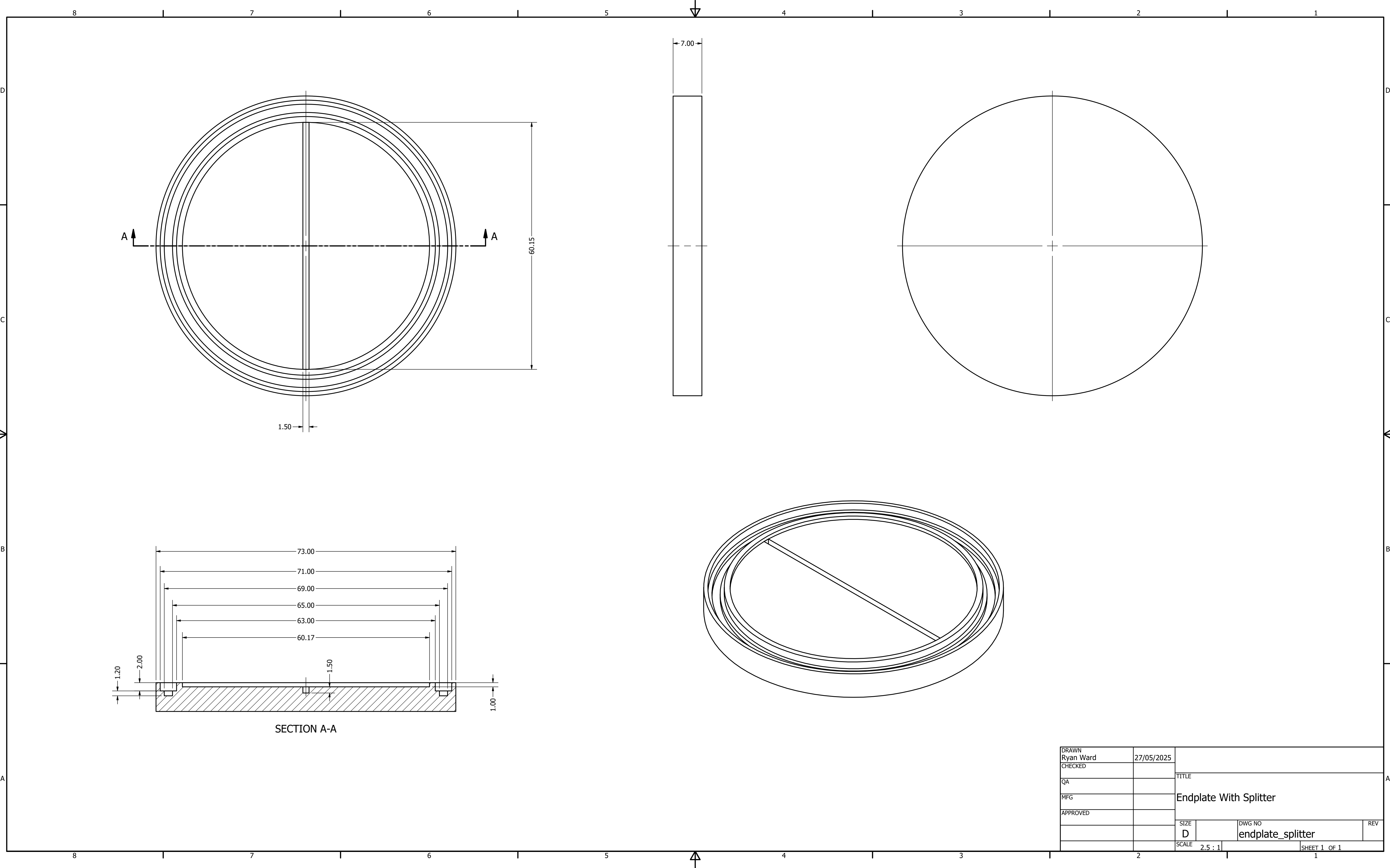


NOTES: REFERENCE DIMENSIONS. PART TO BE SUPPLIED BY CUED

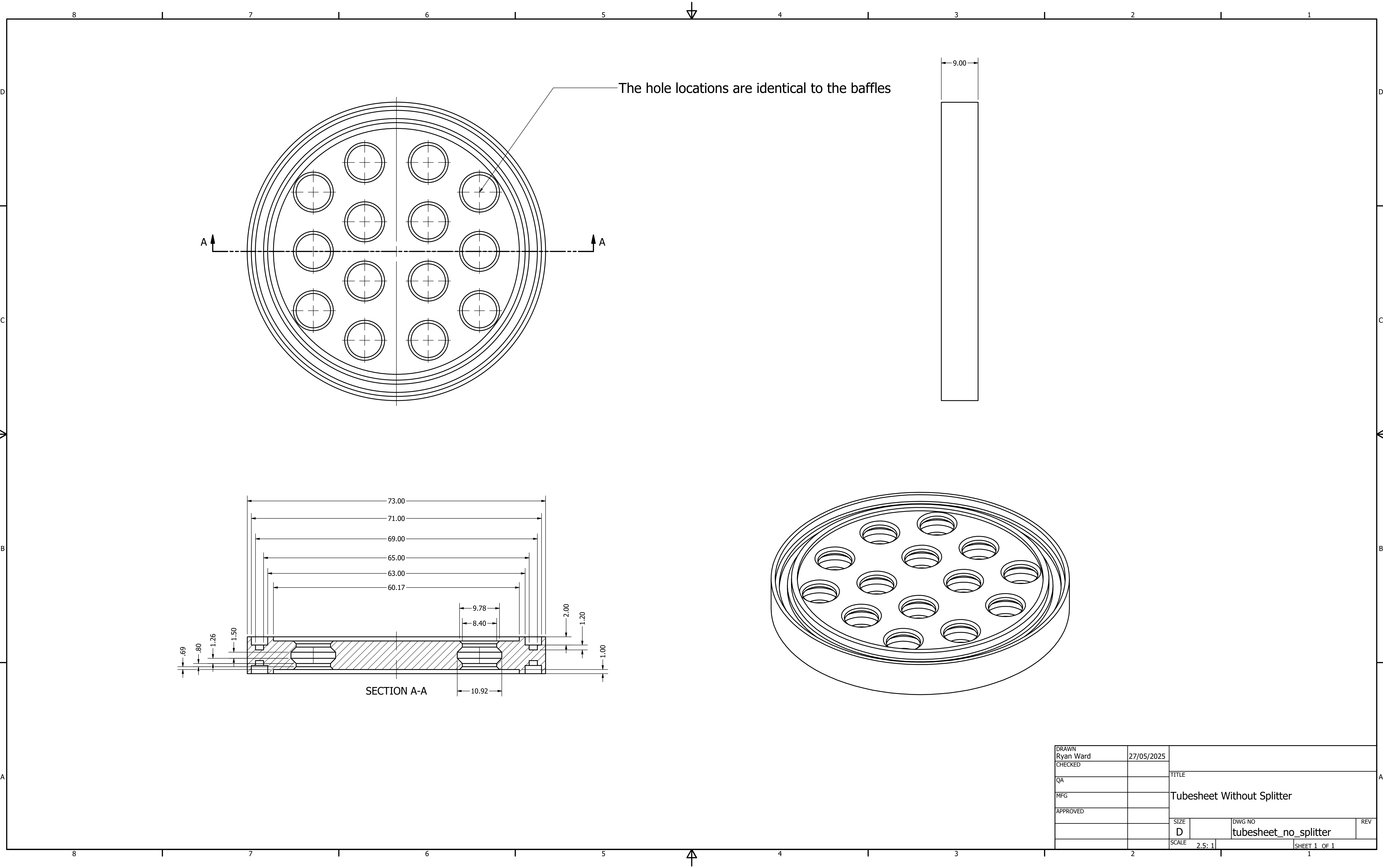
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS ANGULAR = ± ° SURFACE FINISH  DO NOT SCALE DRAWING BREAK ALL SHARP EDGES AND REMOVE BURRS THIRD ANGLE PROJECTION 		NAME	DATE	TITLE Nozzle		
	DRAWN	ALEX JIANG	05/27/2025			
	CHECKED					
	APPROVED					
				SIZE A		
	MATERIAL	FINISH		DWG NO.	HX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



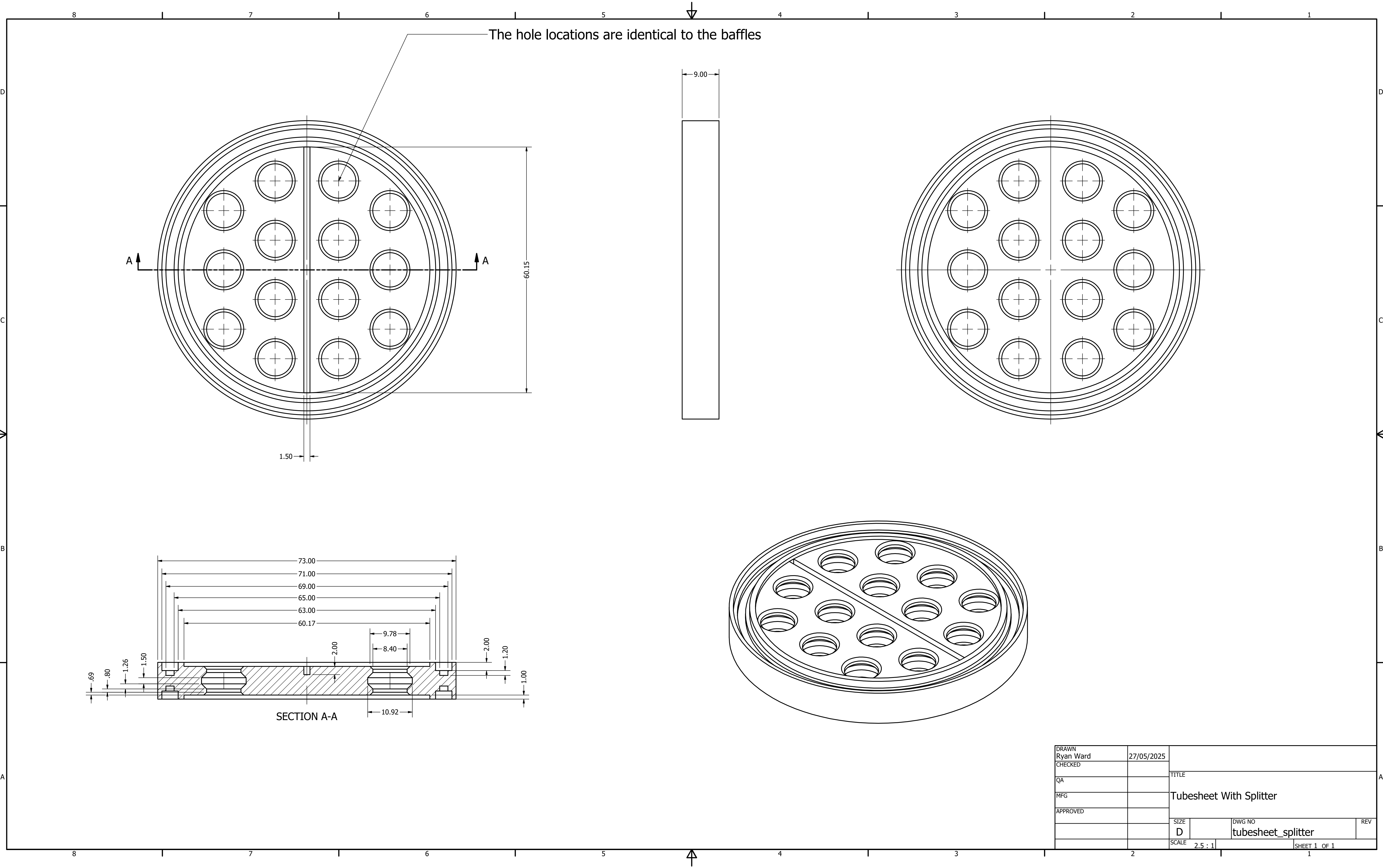
DRAWN Ryan Ward	27/05/2025	TITLE Endplate Without Splitter		
CHECKED				
QA		SIZE D		
MFG				
APPROVED		DWG NO endplate_no_splitter		
SCALE 2.5: 1		REV SHEET 1 OF 1		



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	TITLE Tubesheet Without Splitter		
CHECKED				
QA		SIZE D		
MFG				
APPROVED		DWG NO tubesheet_no_splitter		
SCALE 2.5: 1		SHEET 1 OF 1		



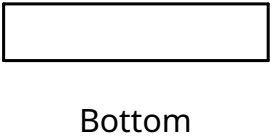
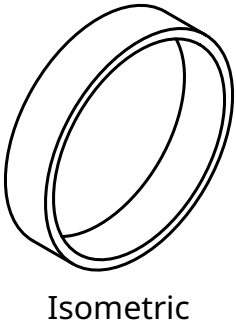
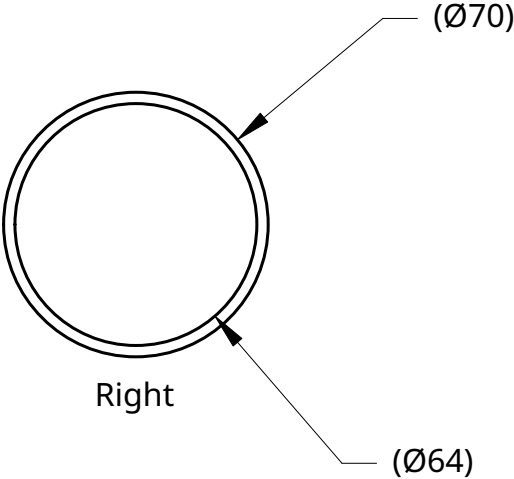
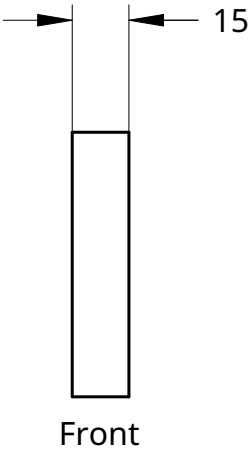
DRAWN Ryan Ward	27/05/2025			
CHECKED		TITLE		
QA		Tubesheet With Splitter		
MFG				
APPROVED				
		SIZE D	DWG NO tubesheet_splitter	REV
		SCALE 2.5 : 1	SHEET 1 OF 1	


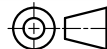
B

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		
				DWG NO.		
				HX		
				REV.		
				SCALE 1:2		
				WEIGHT		
				SHEET 1 of 1		

2

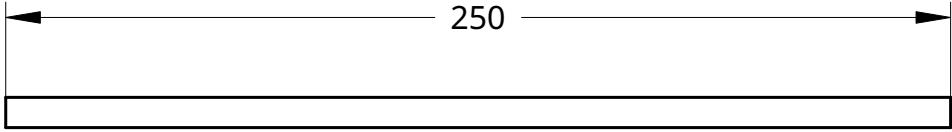
1

B

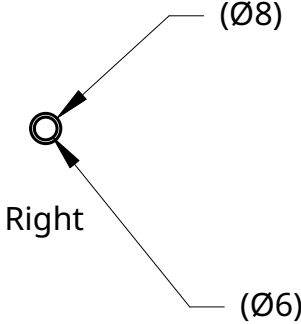
A

B

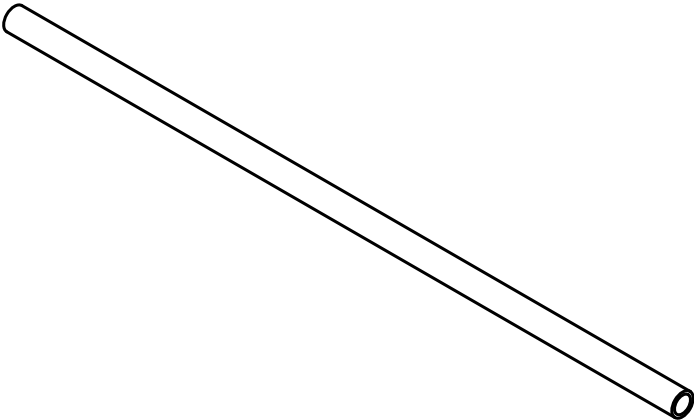
A




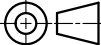
Front



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

2

1

B

A

B

A

2

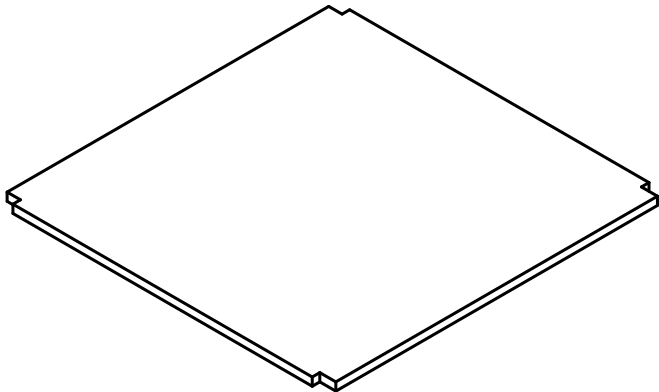
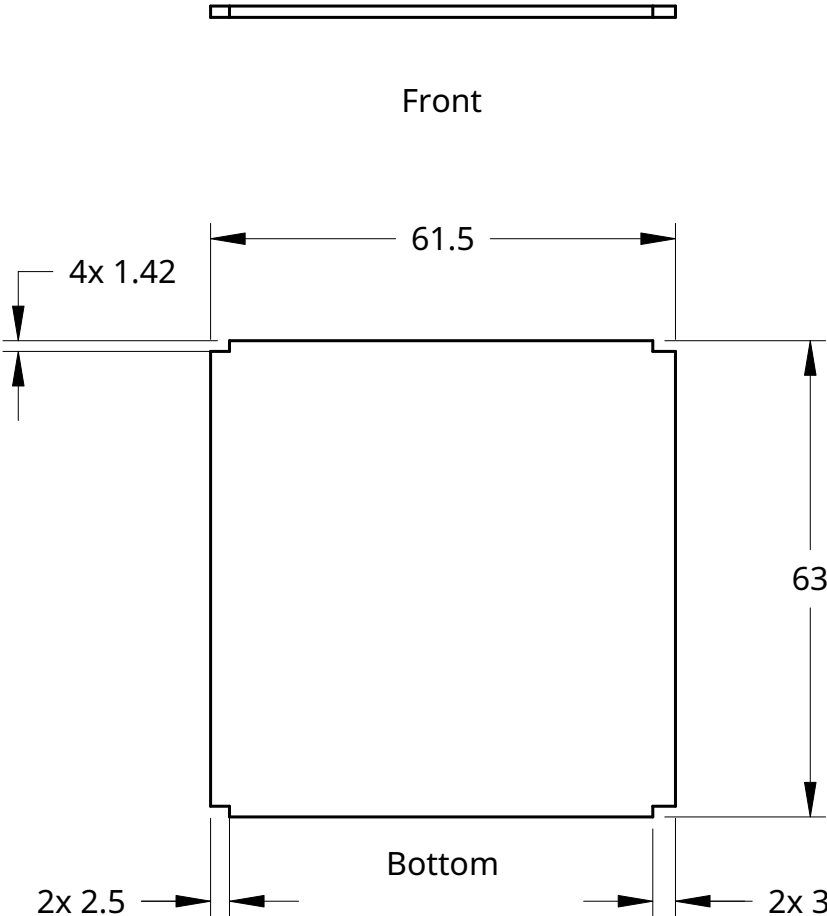
1


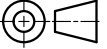
Front

Right

Bottom

Isometric



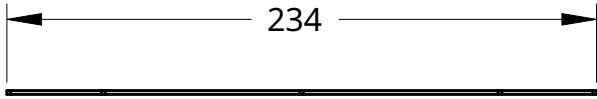
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS ANGULAR = ± ° SURFACE FINISH  DO NOT SCALE DRAWING BREAK ALL SHARP EDGES AND REMOVE BURRS THIRD ANGLE PROJECTION 		NAME	DATE	TITLE End splitter		
	DRAWN	ALEX JIANG	05/27/2025			
	CHECKED					
	APPROVED					
	MATERIAL	FINISH		SIZE	DWG NO.	REV.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

2

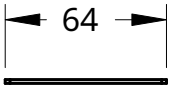
1

2

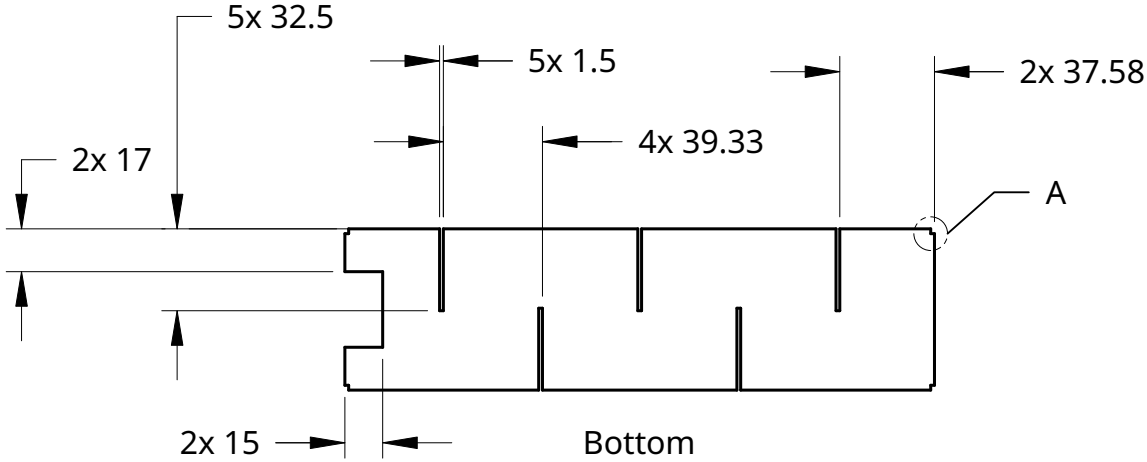
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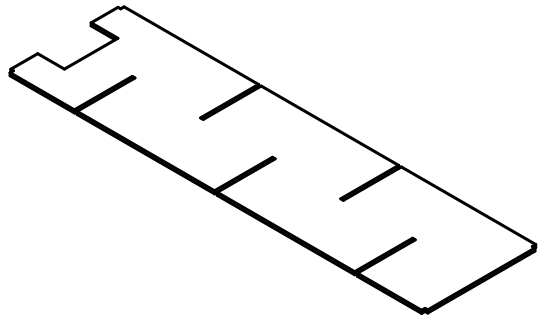
Front



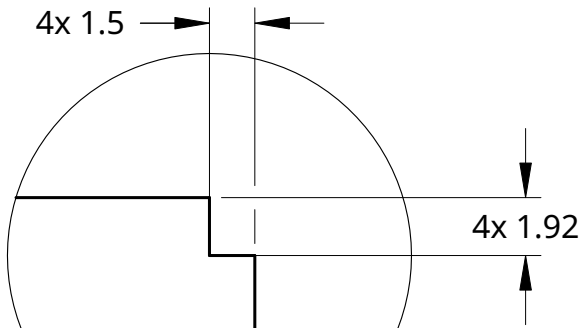
Right





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