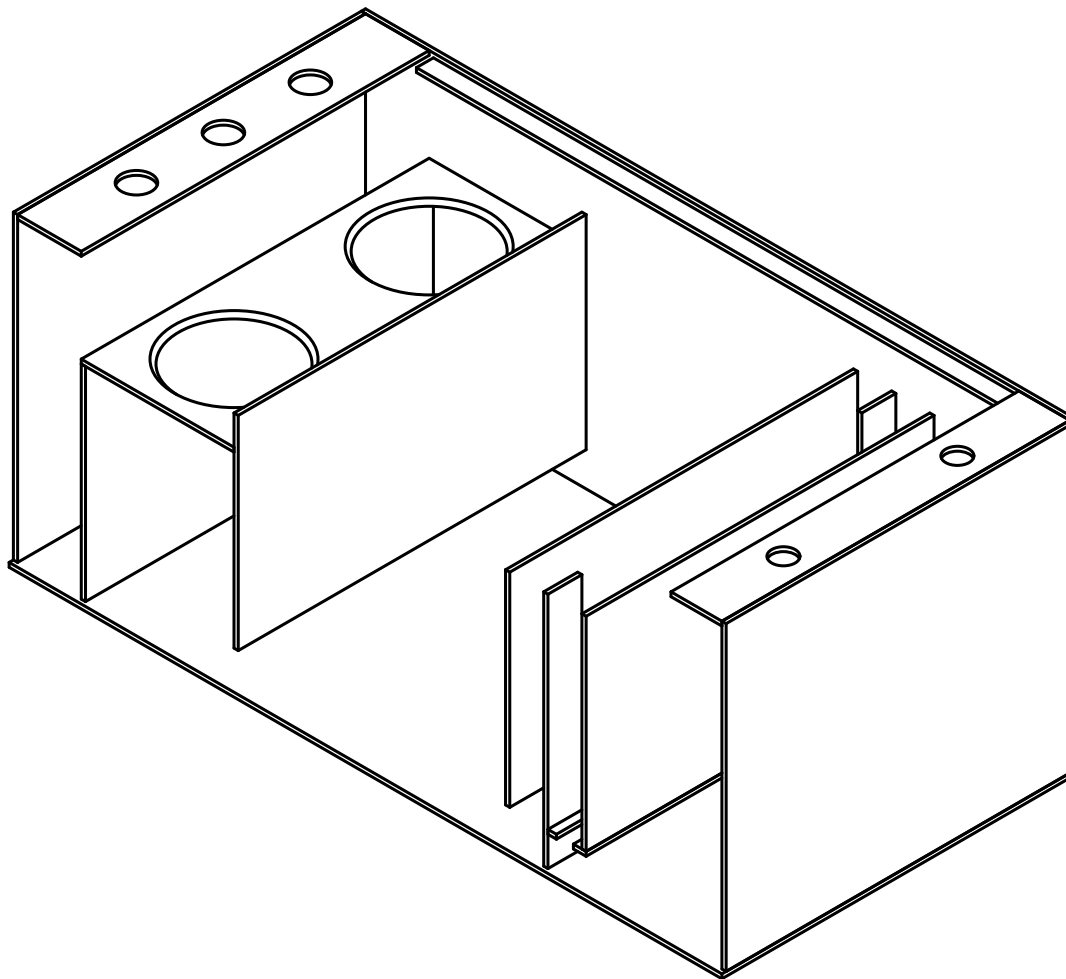


2

1



B

B

A

A

▷Interested in sump chamber lids/covers

▷Interested in a hanger to install a Reefmat 1200 filter roller

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		NAME	DATE	TITLE		
	DRAWN	BRANDON PIPHER	01/30/2024			
	CHECKED					
	APPROVED					
THIRD ANGLE PROJECTION	MATERIAL	FINISH		SIZE	DWG NO.	REV.
				SCALE	WEIGHT	SHEET

2

1

B

B

A

A

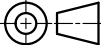
DRAIN
PLATE

RETURN
PLATE

ADJUSTABLE
BAFFLE

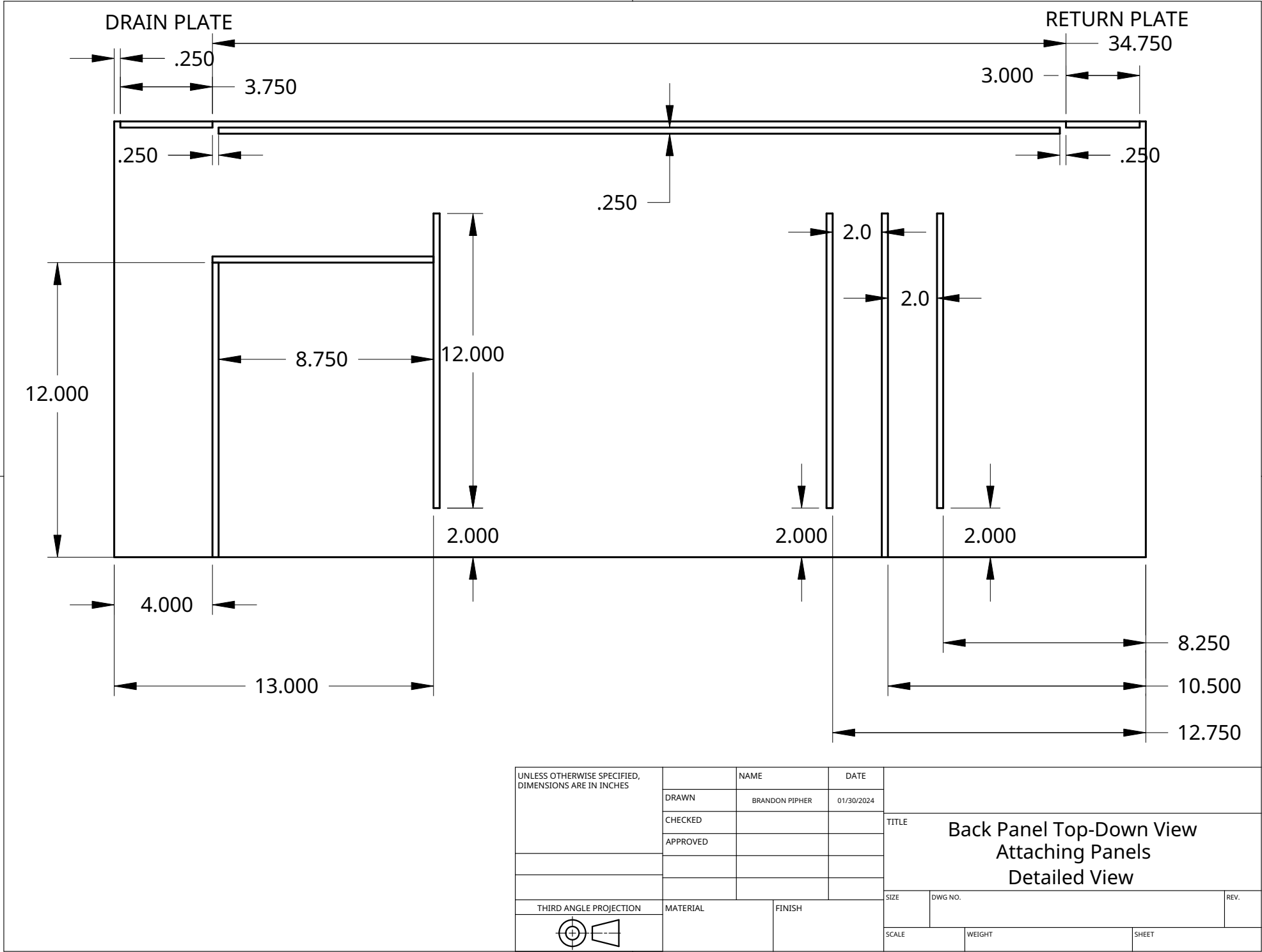
17.750

42.000

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		NAME	DATE	Back Panel Top-Down View Attaching Panels Simple View		
	DRAWN	BRANDON PIPHER	01/30/2024			
	CHECKED					
	APPROVED					
THIRD ANGLE PROJECTION	MATERIAL	FINISH	SIZE	DWG NO.	REV.	
			SCALE	WEIGHT	SHEET	

2

1



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		NAME	DATE	TITLE Back Panel Top-Down View Attaching Panels Detailed View		
	DRAWN	BRANDON PIPHER	01/30/2024			
	CHECKED					
	APPROVED					
THIRD ANGLE PROJECTION	MATERIAL	FINISH		SIZE	DWG NO.	REV.
				SCALE	WEIGHT	SHEET

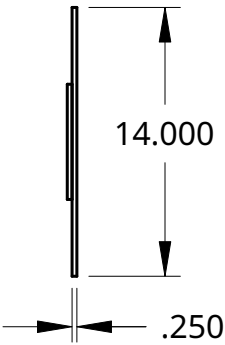
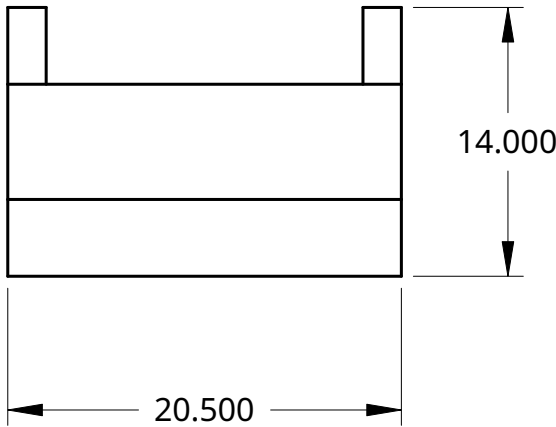
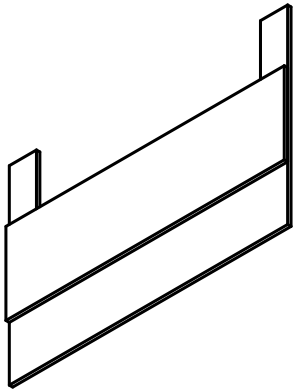
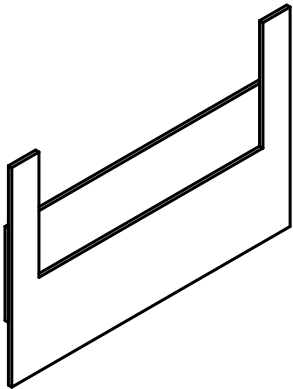
2

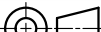
1

ONLY FOR REFERENCE DESIGN NOT EXACT

B

A



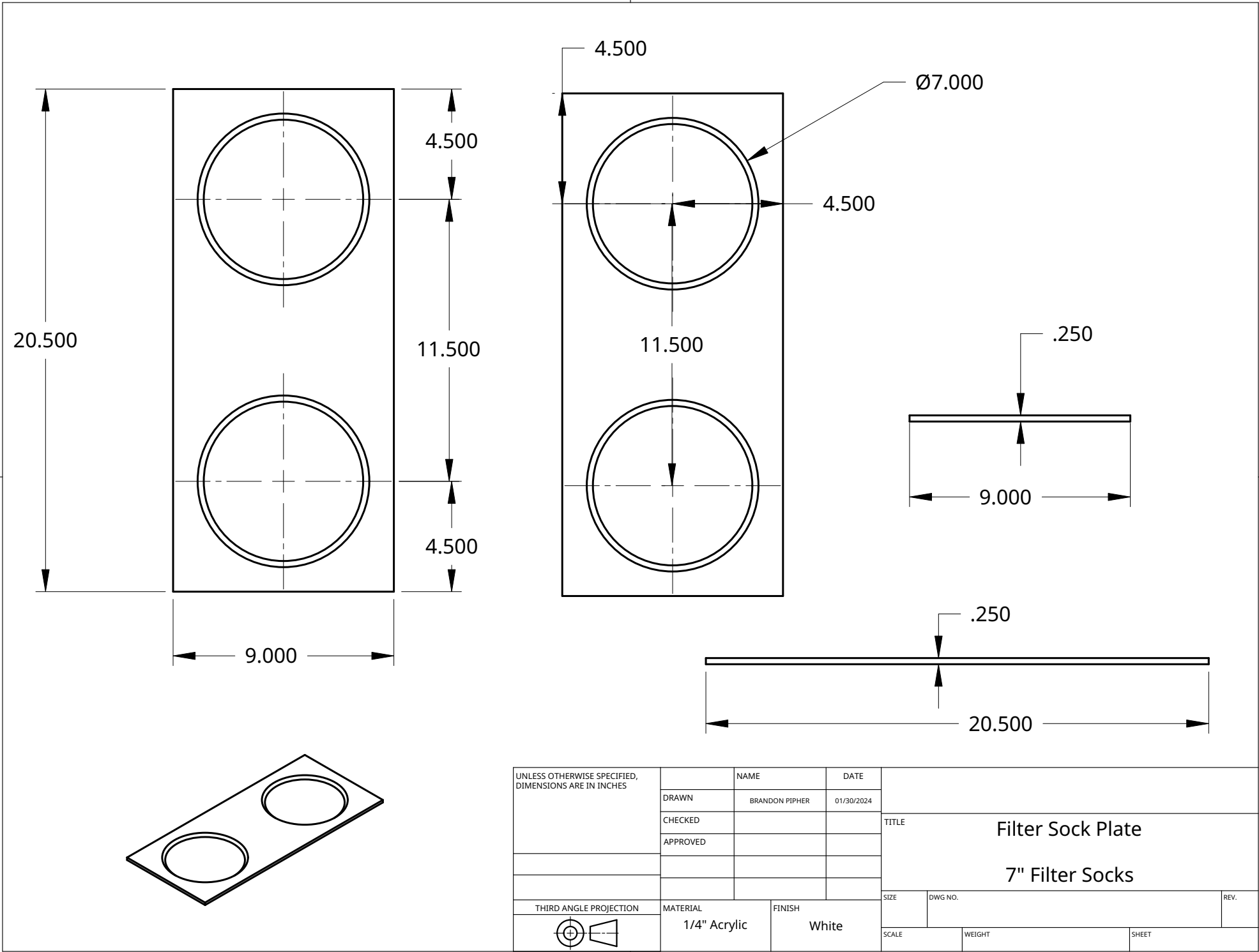
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		NAME	DATE	TITLE Adjustable Baffle Adjust water height from 6"-10"		
	DRAWN	BRANDON PIPHER	01/30/2024			
	CHECKED					
	APPROVED					
THIRD ANGLE PROJECTION	MATERIAL	FINISH	SIZE	DWG NO.	REV.	
	1/4" Acrylic	Wall: White Adjuster: White				
SCALE		WEIGHT			SHEET	


B

A

B

A



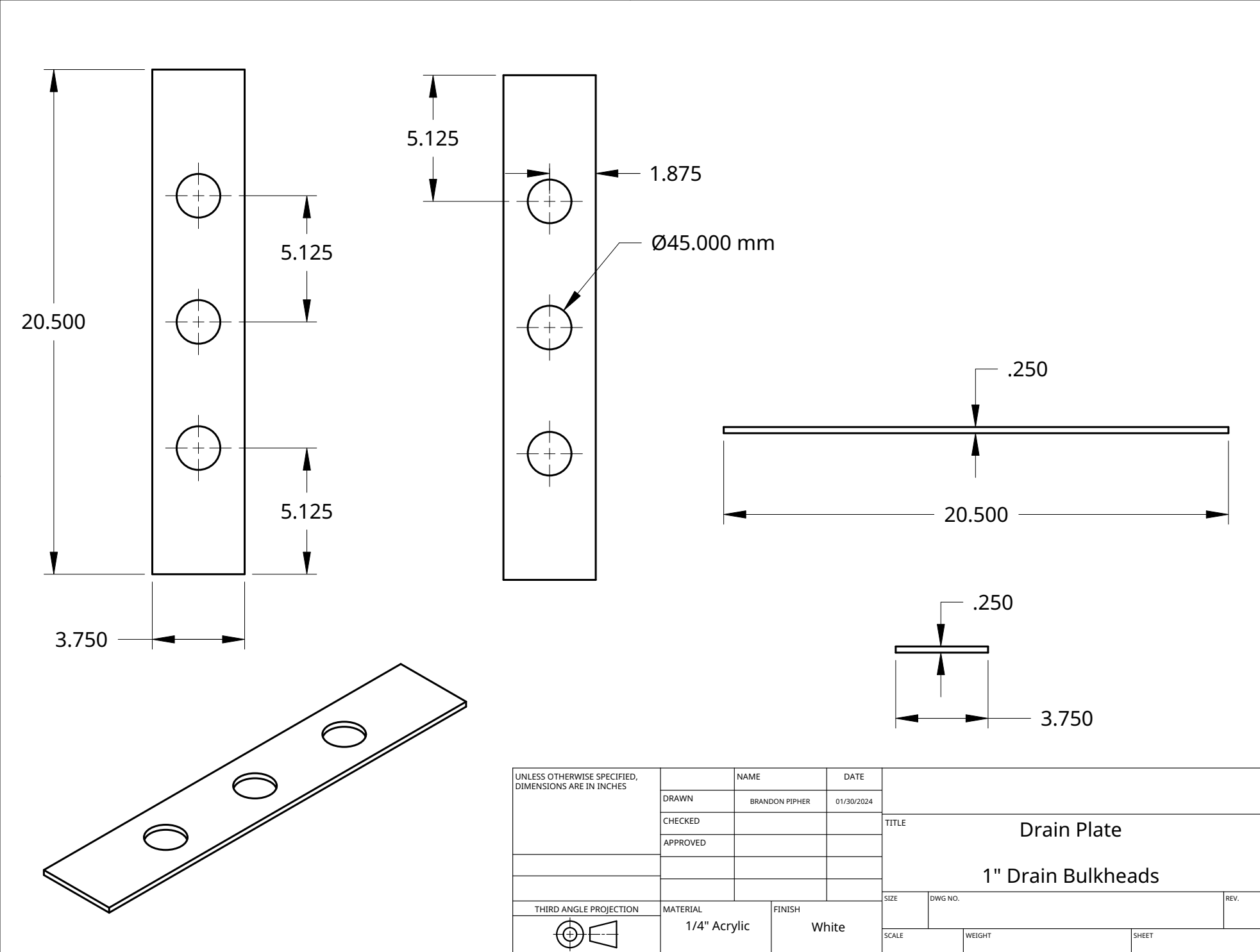
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		NAME	DATE	Filter Sock Plate 7" Filter Socks		
	DRAWN	BRANDON PIPHER	01/30/2024			
	CHECKED					
	APPROVED					
THIRD ANGLE PROJECTION	MATERIAL	FINISH	SIZE	DWG NO.	REV.	
	1/4" Acrylic	White	SCALE	WEIGHT	SHEET	

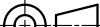
B

A

B

A



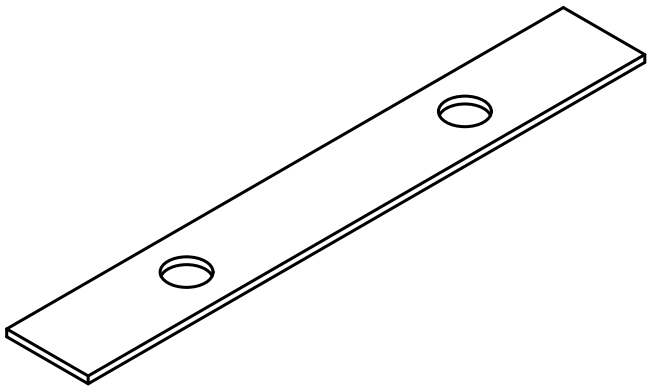
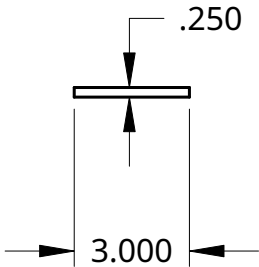
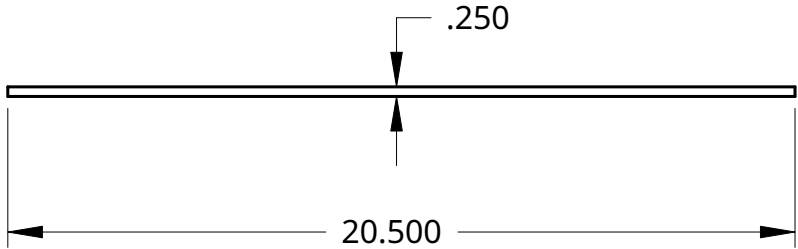
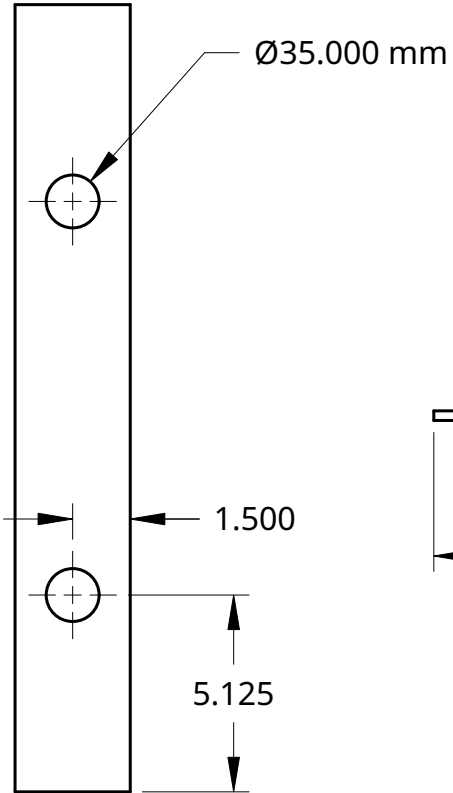
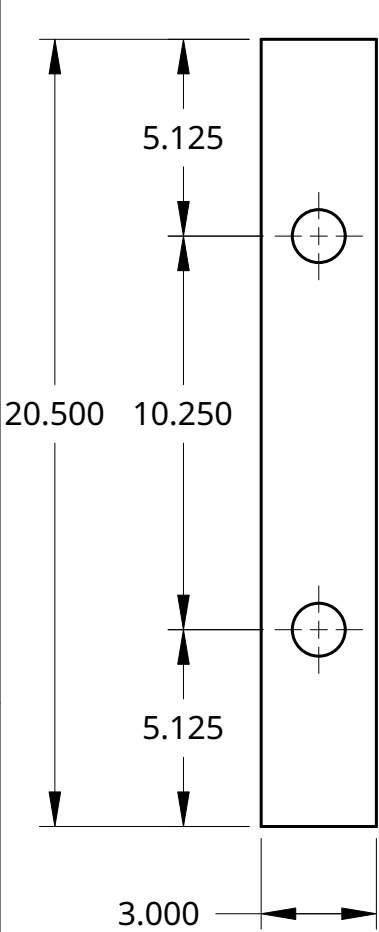
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		NAME	DATE	TITLE Drain Plate 1" Drain Bulkheads		
	DRAWN	BRANDON PIPHER	01/30/2024			
	CHECKED					
	APPROVED					
				SIZE	DWG NO.	REV.
THIRD ANGLE PROJECTION	MATERIAL	FINISH				
	1/4" Acrylic	White				
			SCALE	WEIGHT	SHEET	

B

A

B

A



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	DRAWN	NAME	DATE	Return Plate 3/4" Bulkheads		
	CHECKED	BRANDON PIPHER	01/30/2024			
	APPROVED					
THIRD ANGLE PROJECTION	MATERIAL	FINISH	SIZE	DWG NO.	REV.	
	1/4" Acrylic	White				
			SCALE	WEIGHT	SHEET	

2

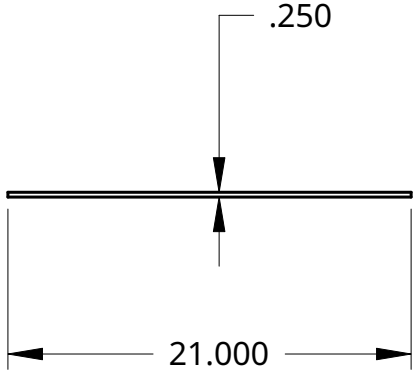
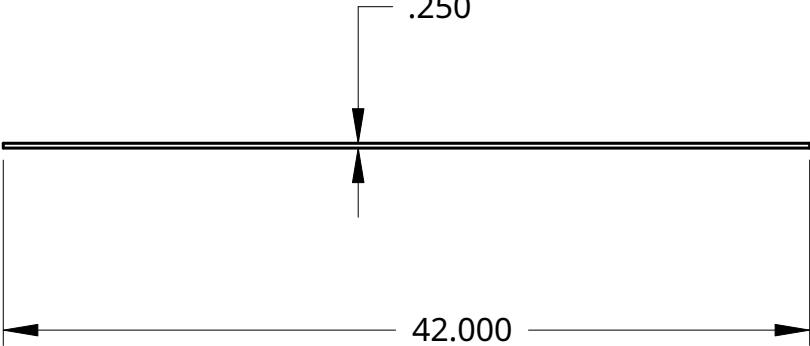
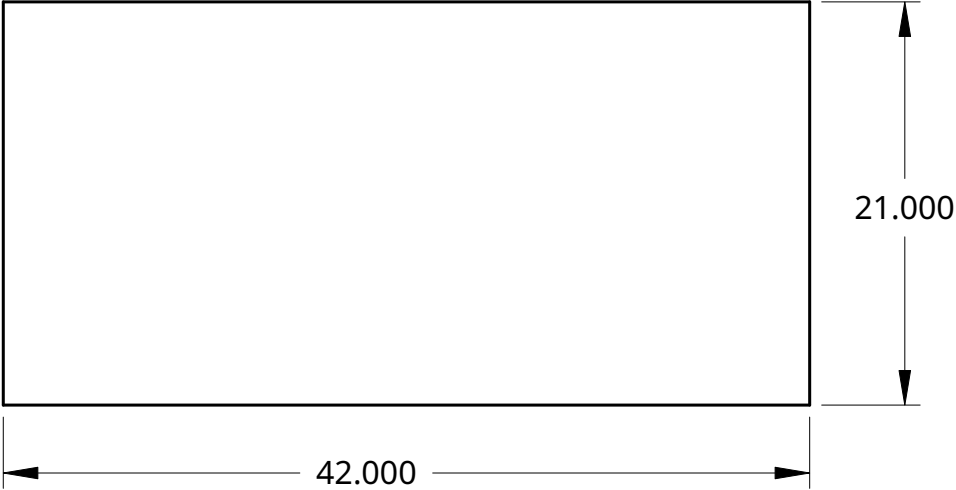
1

B

B

A

A



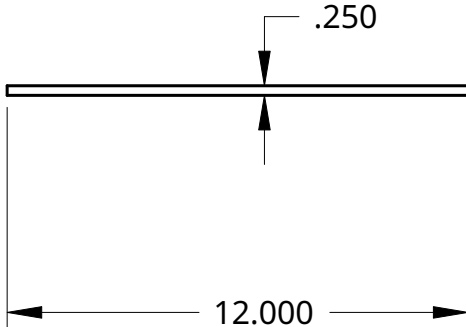
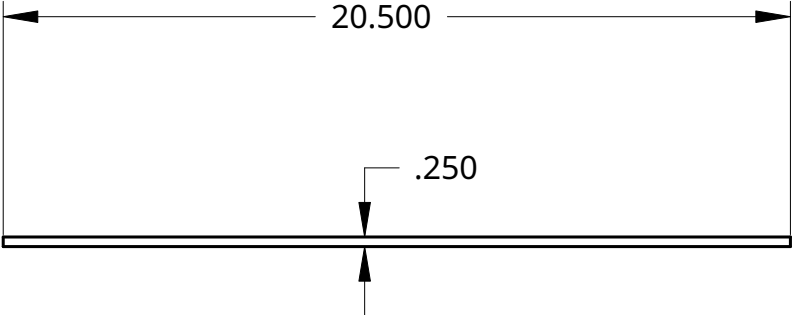
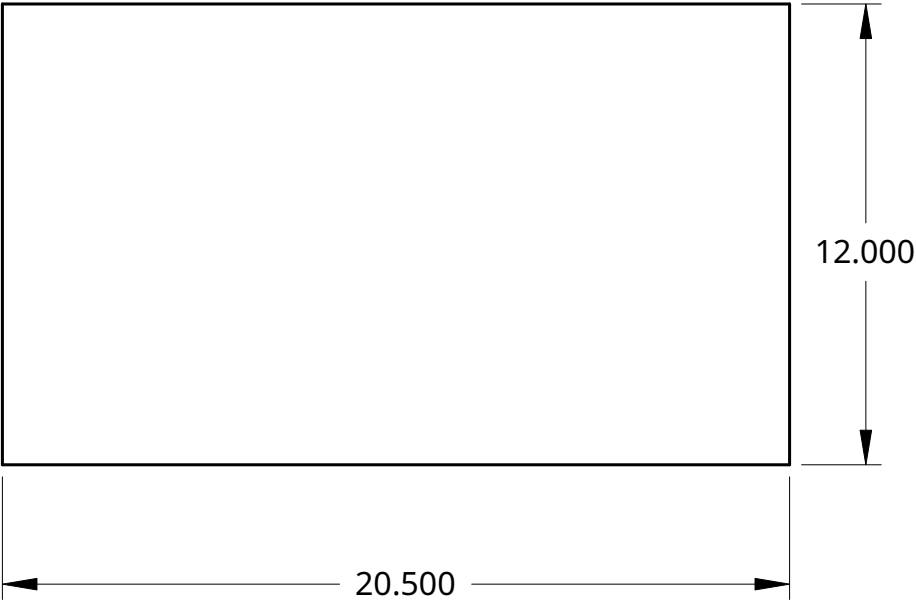
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	DRAWN	NAME	DATE	TITLE Bottom Panel		
	CHECKED	BRANDON PIPHER	01/30/2024			
	APPROVED					
THIRD ANGLE PROJECTION	MATERIAL	FINISH	SIZE	DWG NO.	REV.	
	1/4" ABS	White				
			SCALE	WEIGHT	SHEET	

2

1

B

B



A

A

Crashbox Wall
Filter Sock Wall
Under Baffle Skimmer Wall
Under Baffle Return Wall

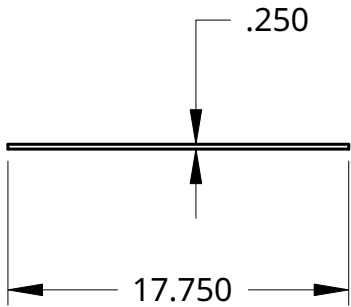
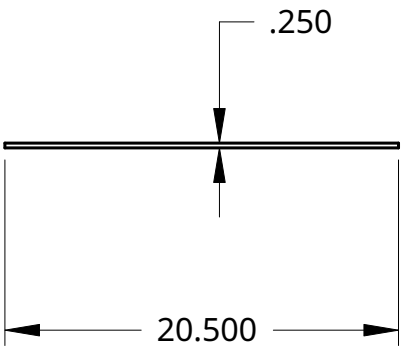
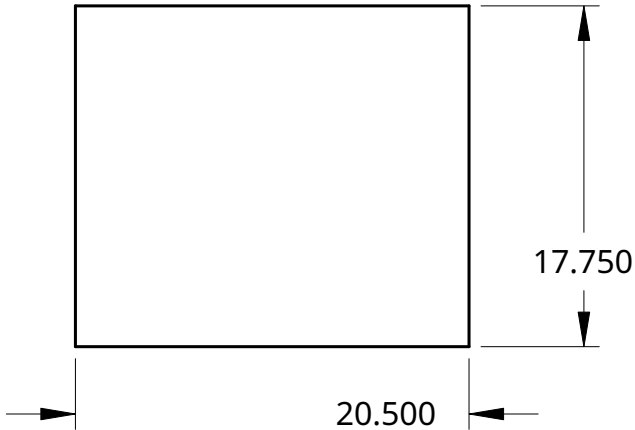
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		NAME	DATE	TITLE Divider Wall Four of these are needed		
	DRAWN	BRANDON PIPHER	01/30/2024			
	CHECKED					
	APPROVED					
THIRD ANGLE PROJECTION	MATERIAL	FINISH	SIZE	DWG NO.	REV.	
	1/4" Acrylic	White				
			SCALE	WEIGHT	SHEET	

2

1

B

B



Left and Right Panel

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		NAME	DATE	TITLE Left and Right Panel Two of these are needed		
	DRAWN	BRANDON PIPHER	01/30/2024			
	CHECKED					
	APPROVED					
THIRD ANGLE PROJECTION	MATERIAL	FINISH		SIZE	DWG NO.	REV.
	1/4" Acrylic	Clear		SCALE	WEIGHT	SHEET

2

1

A

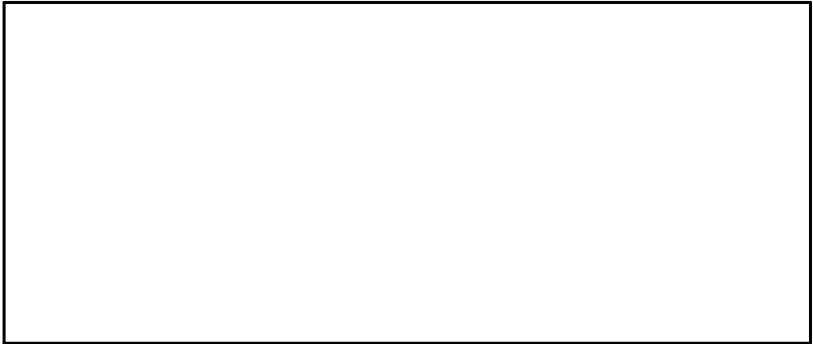
A

B

B

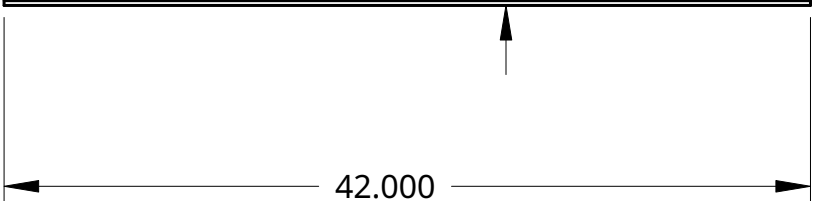
A

A



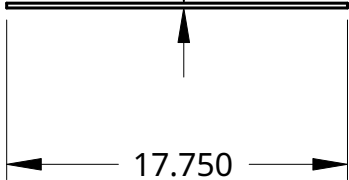
17.750

42.000



.250


42.000



.250

17.750

Front Panel
Back Panel

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		NAME	DATE	TITLE Front and Back Panel Two of these are needed				
	DRAWN	BRANDON PIPHER	01/30/2024					
	CHECKED							
	APPROVED							
				SIZE DWG NO. REV.				
THIRD ANGLE PROJECTION	MATERIAL	FINISH						
	1/4" Acrylic	Clear						
SCALE		WEIGHT		SHEET				

2

1

B

B

A

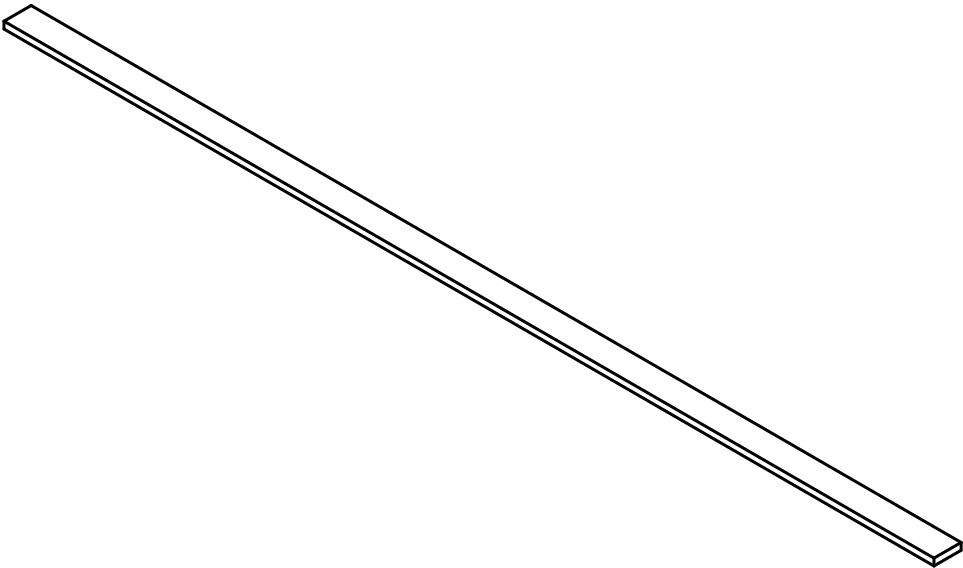
A

2

1

2

1



Top

34.250

1.000

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		NAME	DATE	TITLE Front/Back Lid-Ledge Brace Two of these are needed		
	DRAWN	BRANDON PIPHER	01/30/2024			
	CHECKED					
	APPROVED					
THIRD ANGLE PROJECTION	MATERIAL	FINISH		SIZE	DWG NO.	REV.
	Acrylic	Clear		SCALE	WEIGHT	SHEET

B

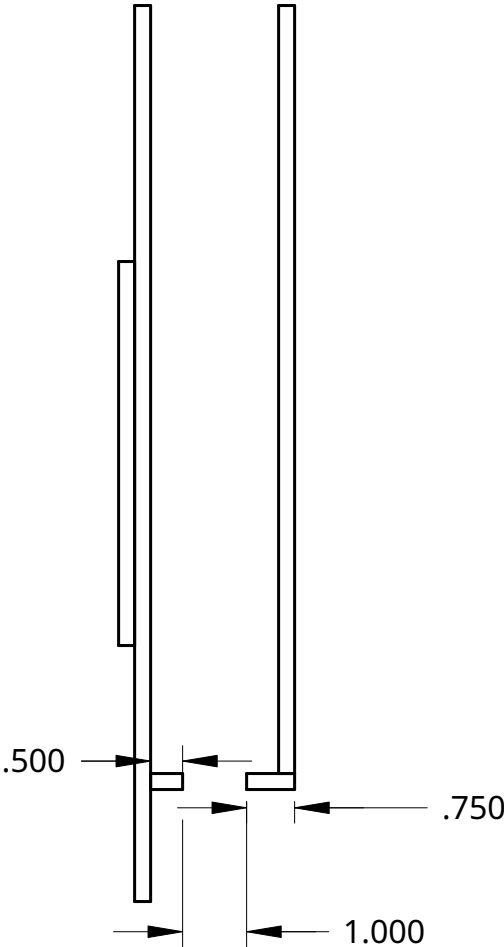
A

B

A


Adjustable Baffle

Far Right Return Baffle



FOR REFERENCE

Just something to allow a piece of black
eggcrate to sit between the baffles

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		NAME	DATE	TITLE <div>Media Ledge</div>		
	DRAWN	BRANDON PIPHER	01/30/2024			
	CHECKED					
	APPROVED					
THIRD ANGLE PROJECTION	MATERIAL	FINISH	SIZE	DWG NO.	REV.	
	1/4" Acrylic	Clear				
			SCALE	WEIGHT		SHEET

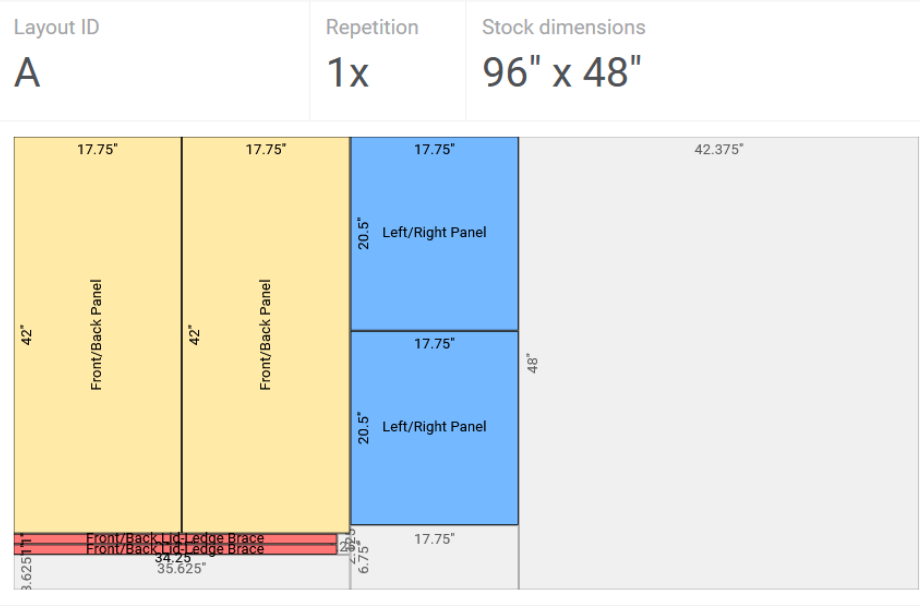
Required stocks

Stock dimensions	Quantity
96" x 48"	1
Total	1

Kerf / Blade thickness	0.125"
Total panels area (Quantity)	2287.25" (6)
Used stocks total area (Yield)	4608" (49.637 %)
Total cutting layouts	1
Total cuts length (Quantity)	281.125" (9)

Cutting layouts

Layout settings



Panel	Qty
17.75" x 20.5" / Left/Right Panel	2
17.75" x 42" / Front/Back Panel	2
34.25" x 1" / Front/Back Lid-Ledge Brace	2

Cuts in layout	
The length of cuts	281.125"
The number of cuts	9

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	DRAWN	BRANDON PIPHER	DATE	02/01/2024	TITLE Stock Cut Solver Clear Acrylic 1/8" Blade Kerf - 48x96 Stock Size			
	CHECKED							
	APPROVED							
THIRD ANGLE PROJECTION	MATERIAL	1/4" Acrylic	FINISH	Clear	SIZE	A	DWG NO.	REV.
					SCALE		WEIGHT	SHEET

Required stocks

Stock dimensions	Quantity
96" x 48"	1
Total	1

Kerf / Blade thickness	0.125"
Total panels area (Quantity)	1552.875" (8)
Used stocks total area (Yield)	4608" (33.7 %)
Total cutting layouts	1
Total cuts length (Quantity)	278" (12)

Cutting layouts

Layout settings

Layout ID

A

Repetition

1x

Stock dimensions

96" x 48"

Panel

Qty

20.5" x 9" / Filter Sock Plate

1

12" x 20.5" / Divider Wall

5

3" x 20.5" / Return Plate

1

3.75" x 20.5" / Drain Plate

1

Cuts in layout

The length of cuts

The number of cuts

278"

12

Additional Divider wall is cut for making the adjustable baffle

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		NAME	DATE	TITLE Stock Cut Solver White Acrylic 1/8" Blade Kerf - 48x96 Stock Size		
	DRAWN	BRANDON PIPHER	02/01/2024			
	CHECKED					
	APPROVED					
THIRD ANGLE PROJECTION	MATERIAL	FINISH	SIZE	DWG NO.	REV.	
	1/4" Acrylic	White	A			
			SCALE	WEIGHT	SHEET	

Required stocks

Stock dimensions	Quantity
96" x 48"	1
Total	1

Kerf / Blade thickness	0.125"
Total panels area (Quantity)	882" (1)
Used stocks total area (Yield)	4608" (19.141 %)
Total cutting layouts	1
Total cuts length (Quantity)	69" (2)

Cutting layouts

Layout settings

Layout ID	Repetition	Stock dimensions
A	1x	96" x 48"

21"

42"

Bottom Panel

48"

5.875"

21"

74.875"

Panel	Qty
21" x 42" / Bottom Panel	1

Cuts in layout

The length of cuts	69"
The number of cuts	2

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	DRAWN	BRANDON PIPHER	02/01/2024	TITLE Stock Cut Solver White ABS 1/8" Blade Kerf - 48x96 Stock Size		
	CHECKED					
	APPROVED					
				SIZE	DWG NO.	REV.
THIRD ANGLE PROJECTION	MATERIAL	FINISH		A		
	1/4" ABS	White		SCALE	WEIGHT	SHEET