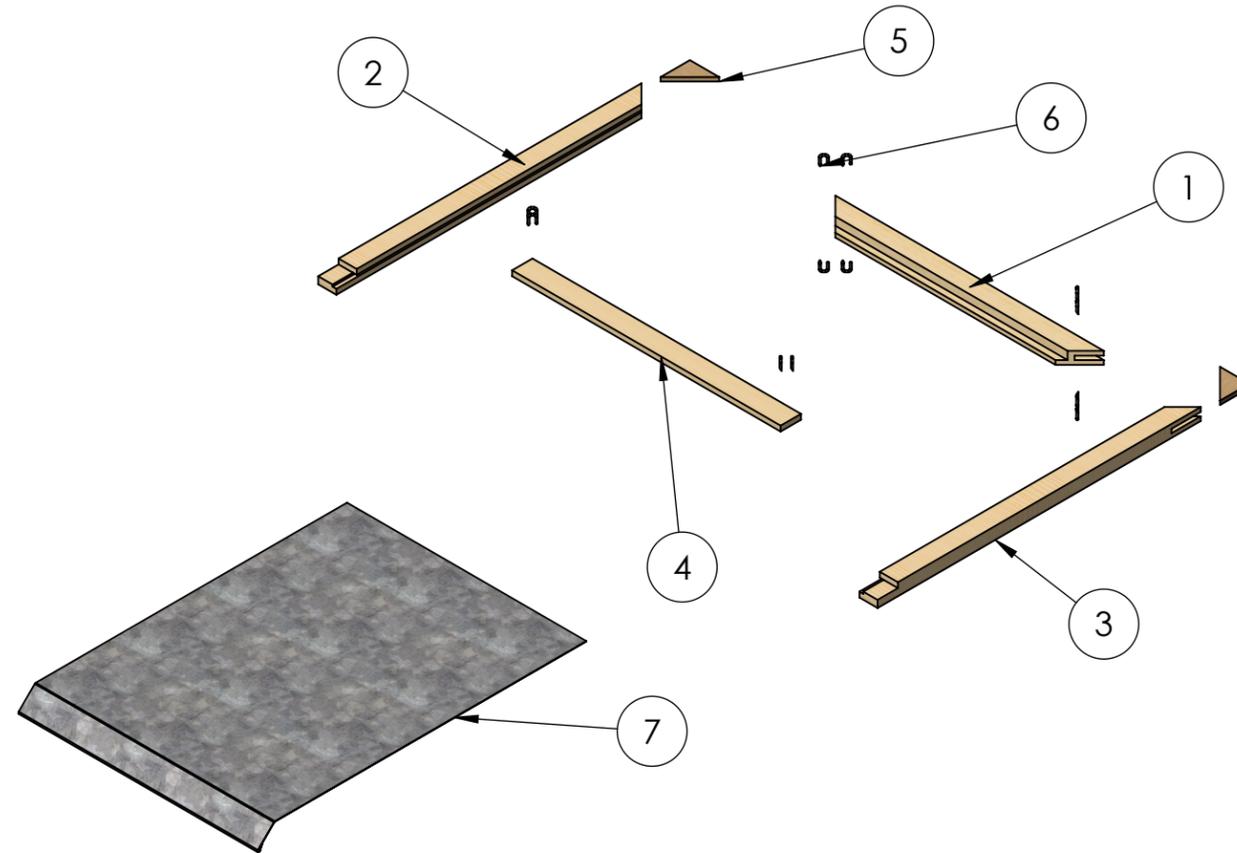
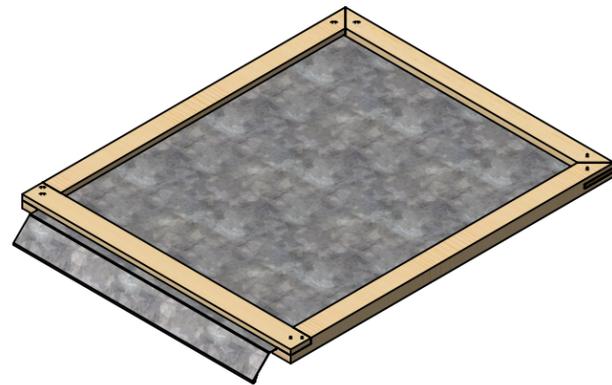


- NOTES:  
 1. SQUARE, GLUE AND CLAMP ALL BOARDS.  
 2. ADD STAPLES.  
 3. REMOVE ALL SHARP EDGES

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1022M	BACK BOARD	1
2	1023M	SIDE - RH	1
3	1024M	SIDE - LH	1
4	1025M	FRONT BOARD	1
5	1027M	TENION	2
6	97900A210	STAPLE	14
7	1026M	SLIDE	1

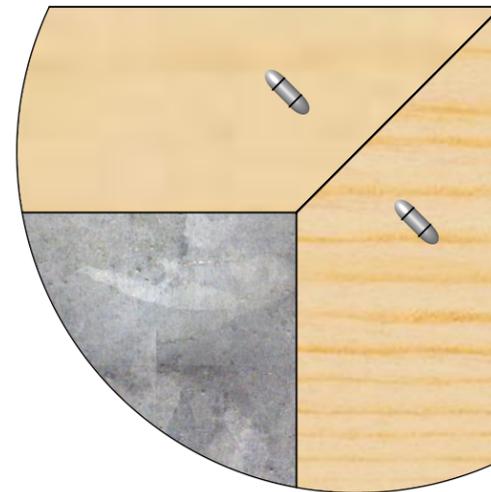


10008M	01	CLOAKE BOARD
PART NUMBER	REV	DESCRIPTION

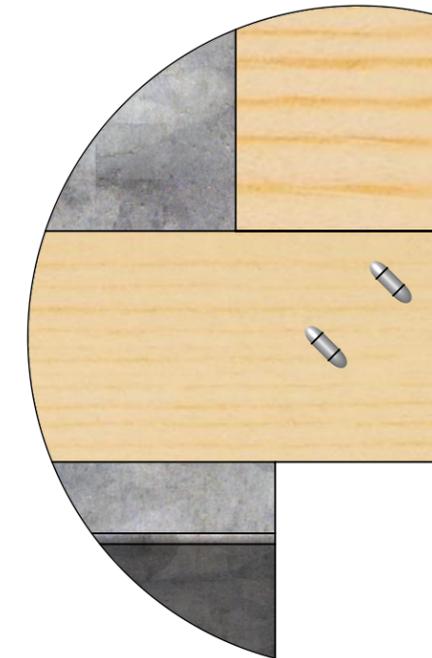
UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018 DIMENSIONS ARE IN MILLIMETERS		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY <b>PROPRIETARY</b> NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.		 <b>HONEY BEE RESEARCH CENTRE          THE UNIVERSITY OF GUELPH</b>	
THIRD ANGLE PROJECTION 		CUSTOMER BEE KEEPERS PROJECT HIVE PRODUCTS		<b>CLOAKE BOARD</b>	
DRAWN BY F. FULKERSON CHECKED BY P.G. KELLY APPROVED P.G. KELLY		DATE 3/3/2024 DATE 3/3/2024 DATE 3/3/2024		TITLE <b>10008M</b>	
SIZE <b>B</b>		DRAWING NO.		REVISION	
SCALE 1:8		WEIGHT 1306.119 g		SHEET 1 OF 9	

- NOTES:  
 1. SQUARE, GLUE AND CLAMP ALL BOARDS.  
 2. ADD STAPLES.  
 3. REMOVE ALL SHARP EDGES

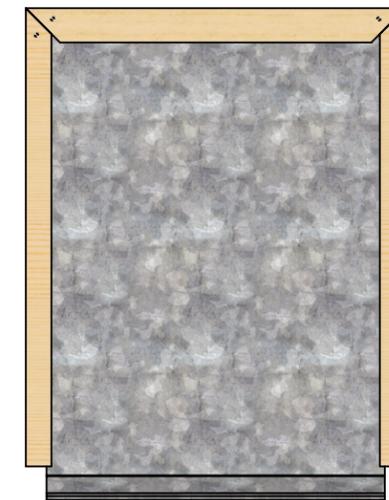
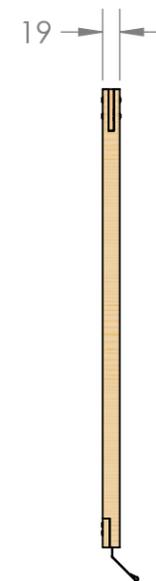
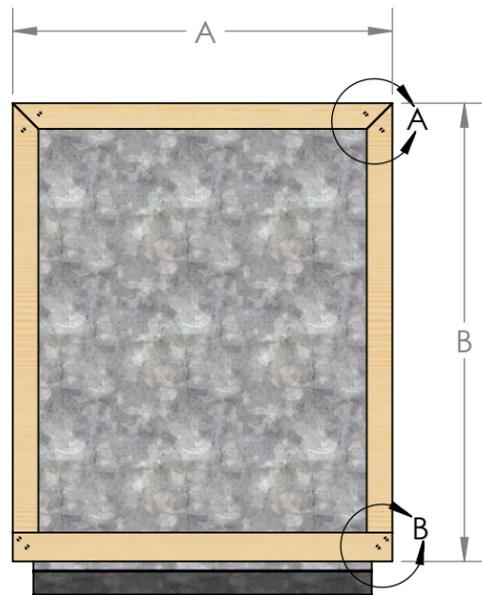
FEATIUERE	C = 19 mm	C = 20 mm	C = 22 mm	C = 24 mm	C = 25 mm
A (mm)	416	418	422	426	428
B (mm)	502	504	508	512	514



DETAIL A  
SCALE 1 : 1



DETAIL B  
SCALE 1 : 1



10008M	01	CLOAKE BOARD
PART NUMBER	REV	DESCRIPTION

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 PER ASME Y14.5-2018  
 DIMENSIONS ARE IN MILLIMETERS

THIRD ANGLE PROJECTION



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CUSTOMER  
 BEE KEEPERS  
 PROJECT  
 HIVE PRODUCTS

DRAWN BY F. FULKERSON	DATE 3/3/2024
CHECKED BY P.G. KELLY	DATE 3/3/2024
APPROVED P.G. KELLY	DATE 3/3/2024

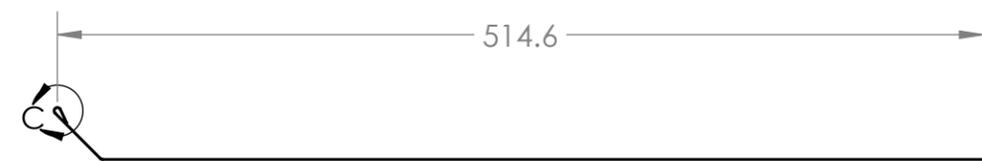
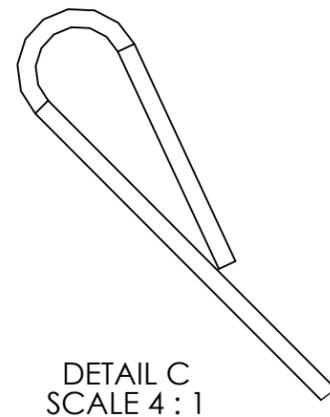


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# CLOAKE BOARD

TITLE	SIZE	DRAWING NO	REVISION
	<b>B</b>		<b>10008M -</b>
SCALE	1:8	WEIGHT	1306.119 g
			SHEET 2 OF 9

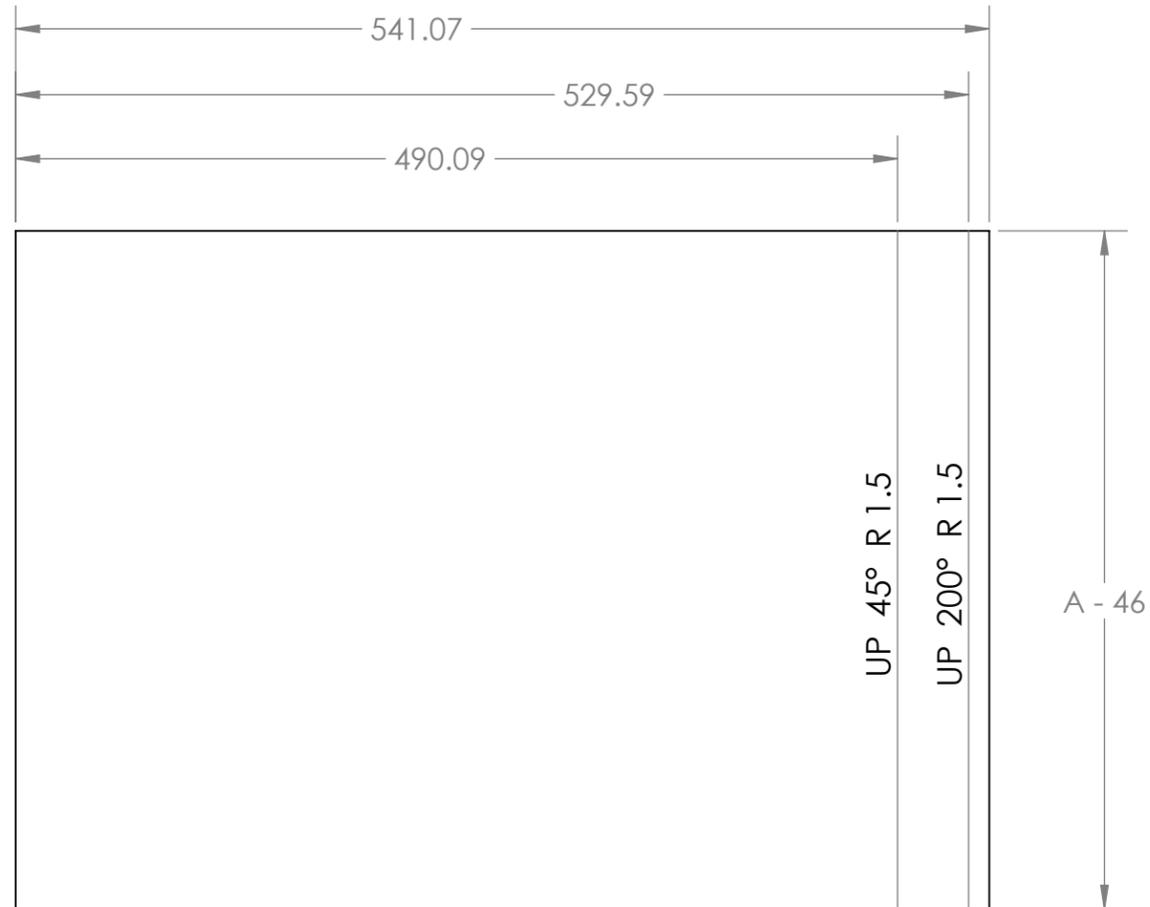
- NOTES:  
 1. MATERIAL: Galvanized Steel.  
 2. FINISH: NONE.  
 3. REMOVE ALL SHARP EDGES.



1026M	-	SLIDE
PART NUMBER	REV	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018 DIMENSIONS ARE IN MILLIMETERS	SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY	 HONEY BEE RESEARCH CENTRE THE UNIVERSITY OF GUELPH	TITLE <h1>SLIDE</h1>		
	PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.		CUSTOMER BEE KEEPERS	SIZE <h2>B</h2>	DRAWING NO <h1>10008M</h1>
THIRD ANGLE PROJECTION 	DRAWN BY F. FULKERSON	DATE 3/3/2024	SCALE 1:4	WEIGHT 1016.698 g	SHEET 3 OF 9
	CHECKED BY P.G. KELLY	DATE 3/3/2024			
	APPROVED P.G. KELLY	DATE 3/3/2024			

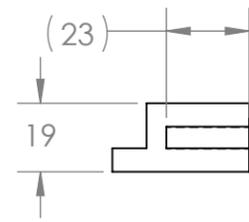
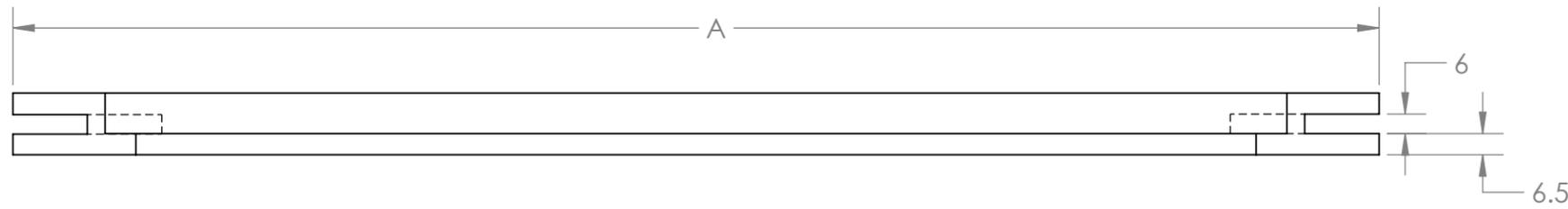
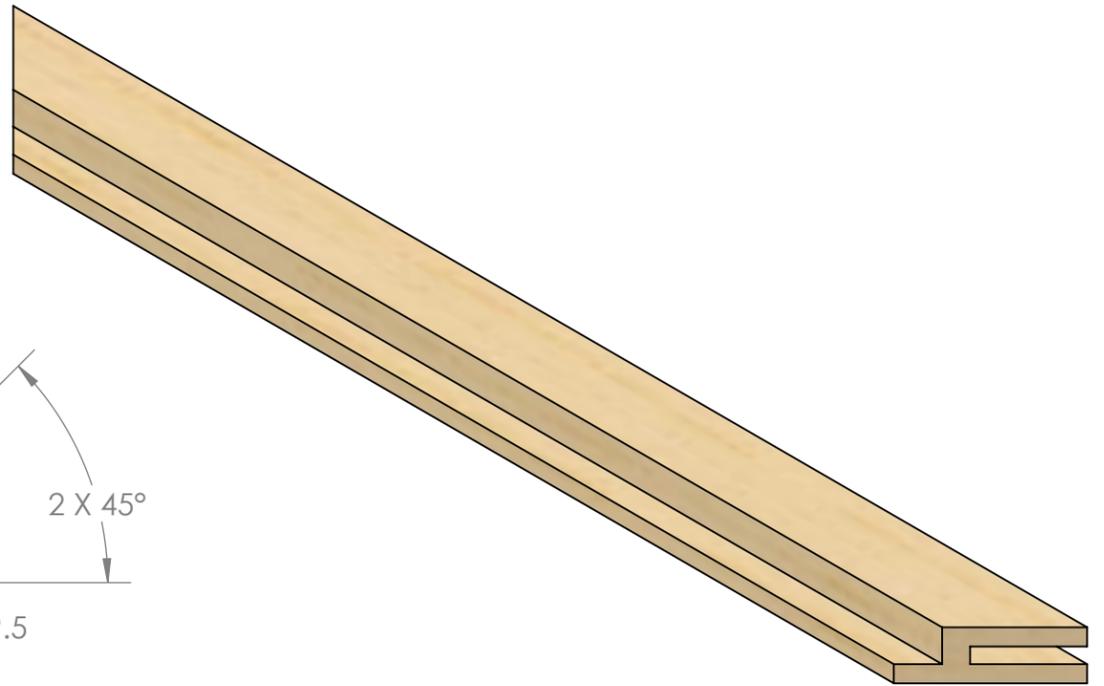
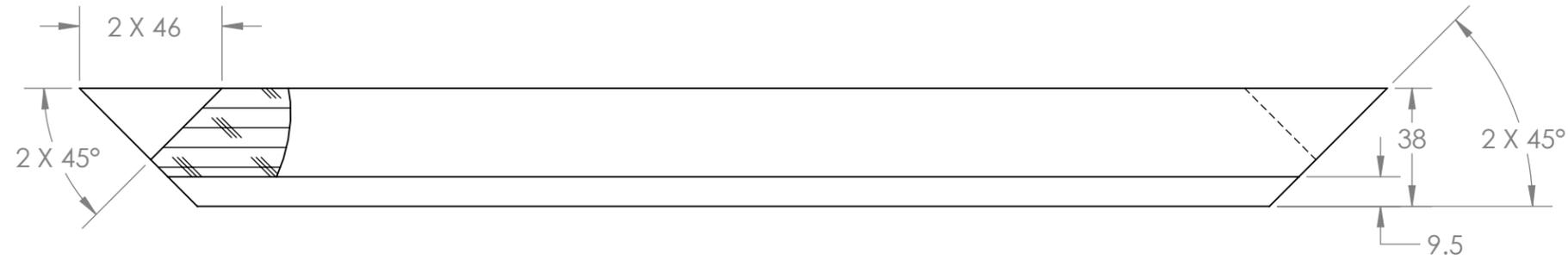
- NOTES:  
 1. MATERIAL: Galvanized Steel.  
 2. FINISH: NONE.  
 3. REMOVE ALL SHARP EDGES.



1026M	-	SLIDE
PART NUMBER	REV	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018 DIMENSIONS ARE IN MILLIMETERS		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY <b>PROPRIETARY</b> NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.		 <b>HONEY BEE RESEARCH CENTRE          THE UNIVERSITY OF GUELPH</b>	
THIRD ANGLE PROJECTION 		CUSTOMER BEE KEEPERS PROJECT HIVE PRODUCTS		<b>SLIDE</b>	
DRAWN BY F. FULKERSON CHECKED BY P.G. KELLY APPROVED P.G. KELLY		DATE 3/3/2024 DATE 3/3/2024 DATE 3/3/2024		TITLE <b>10008M</b>	
SCALE 1:4		WEIGHT 1016.698 g		SHEET 4 OF 9	

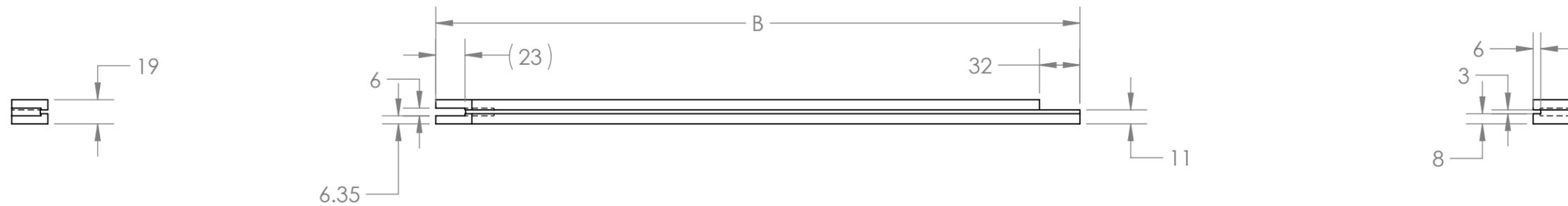
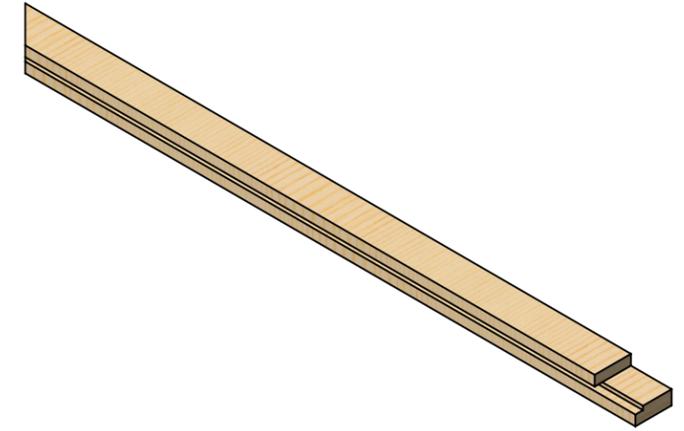
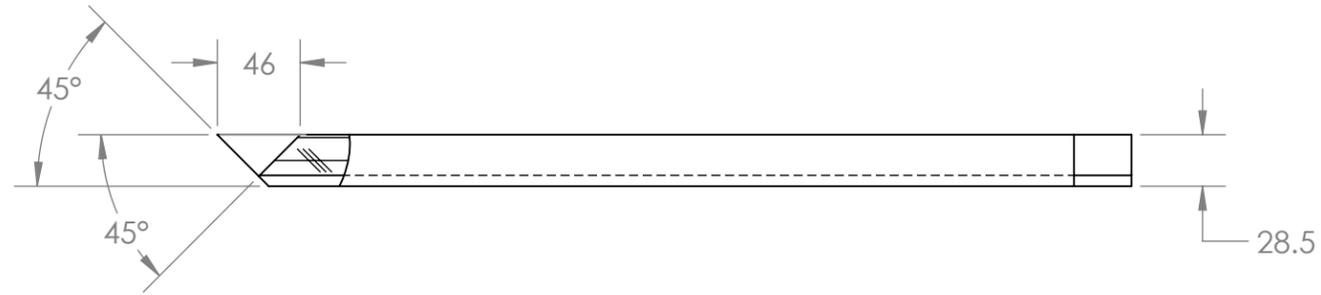
- NOTES:  
 1. MATERIAL: Pine.  
 2. FINISH: PAINT OR STAIN.  
 3. REMOVE ALL SHARP EDGES.



1022M	-	BACK BOARD
PART NUMBER	REV	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018 DIMENSIONS ARE IN MILLIMETERS	SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY	 HONEY BEE RESEARCH CENTRE THE UNIVERSITY OF GUELPH	TITLE <h1>BACK BOARD</h1>
	PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.		
THIRD ANGLE PROJECTION 	PROJECT HIVE PRODUCTS	SIZE <b>B</b>	DRAWING NO <b>10008M</b>
	DRAWN BY F. FULKERSON	DATE 3/3/2024	SCALE 1:2
	CHECKED BY P.G. KELLY	DATE 3/3/2024	WEIGHT 77.753 g
APPROVED P.G. KELLY	DATE 3/3/2024	SHEET 5 OF 9	REVISION <b>-</b>

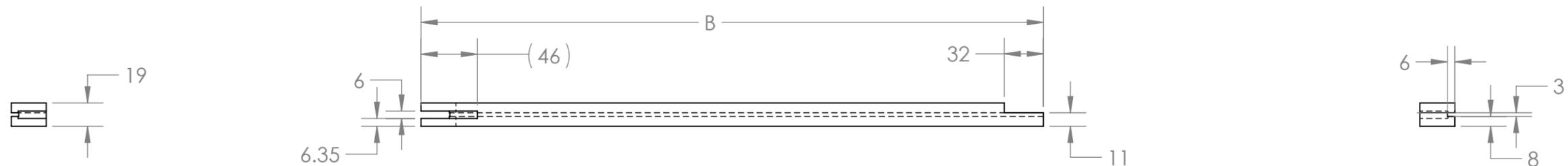
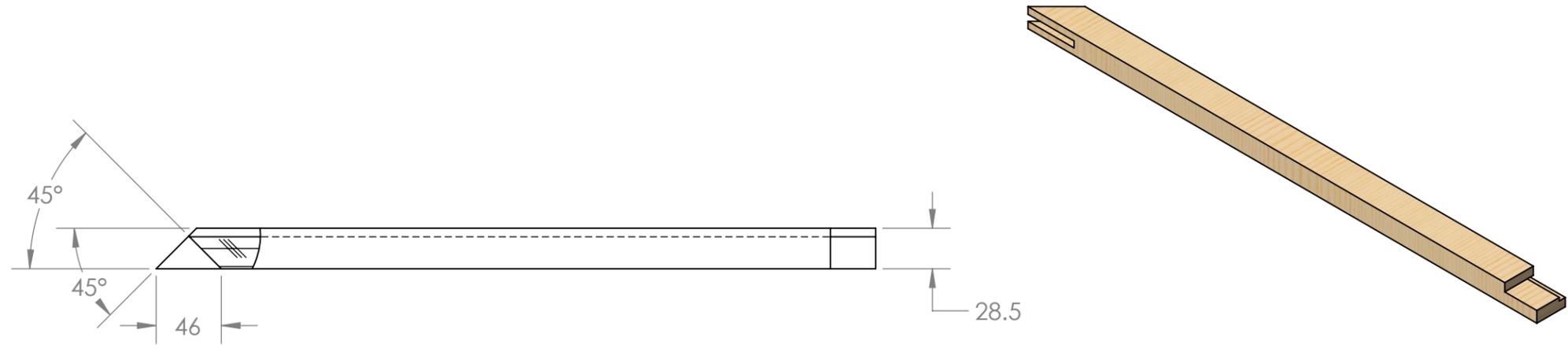
- NOTES:  
 1. MATERIAL: Pine.  
 2. FINISH: PAINT OR STAIN.  
 3. REMOVE ALL SHARP EDGES.



1024M	-	SIDE - LH
PART NUMBER	REV	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018 DIMENSIONS ARE IN MILLIMETERS	SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY	 <b>HONEY BEE RESEARCH CENTRE</b> <b>THE UNIVERSITY OF GUELPH</b>	TITLE	
	<b>PROPRIETARY</b> NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.		<b>SIDE - LH</b>	
THIRD ANGLE PROJECTION 	CUSTOMER BEE KEEPERS	DRAWING NO		<b>10008M</b> -
	PROJECT HIVE PRODUCTS	DRAWN BY F. FULKERSON	DATE 3/3/2024	
	CHECKED BY P.G. KELLY	DATE 3/3/2024	WEIGHT 84.392 g	SHEET 6 OF 9
	APPROVED P.G. KELLY	DATE 3/3/2024		

- NOTES:  
 1. MATERIAL: Pine.  
 2. FINISH: PAINT OR STAIN.  
 3. REMOVE ALL SHARP EDGES.



1023M	-	SIDE - RH
PART NUMBER	REV	DESCRIPTION

UNLESS OTHERWISE SPECIFIED  
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 PER ASME Y14.5-2018  
 DIMENSIONS ARE IN MILLIMETERS

THIRD ANGLE PROJECTION



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CUSTOMER  
 BEE KEEPERS  
 PROJECT  
 HIVE PRODUCTS

DRAWN BY F. FULKERSON	DATE 3/3/2024
CHECKED BY P.G. KELLY	DATE 3/3/2024
APPROVED P.G. KELLY	DATE 3/3/2024

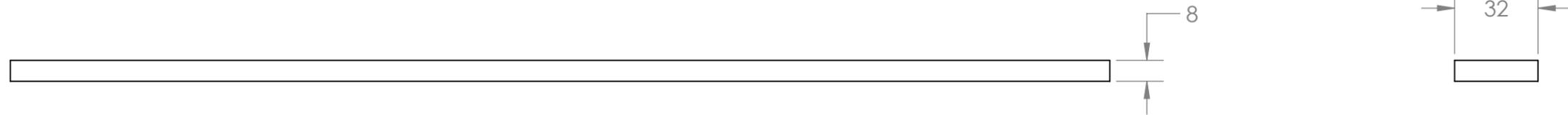
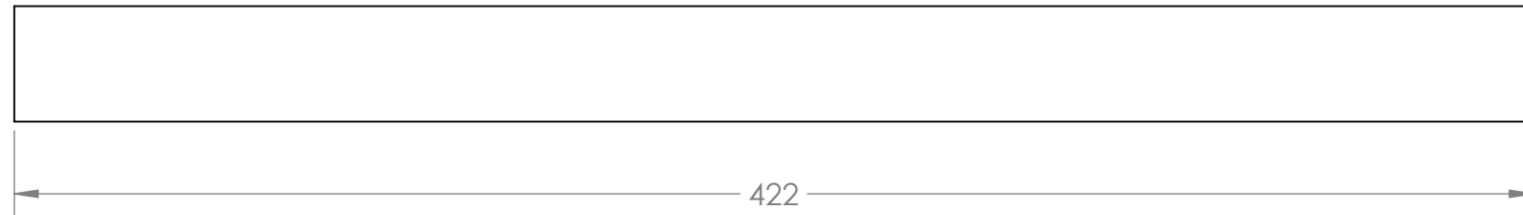
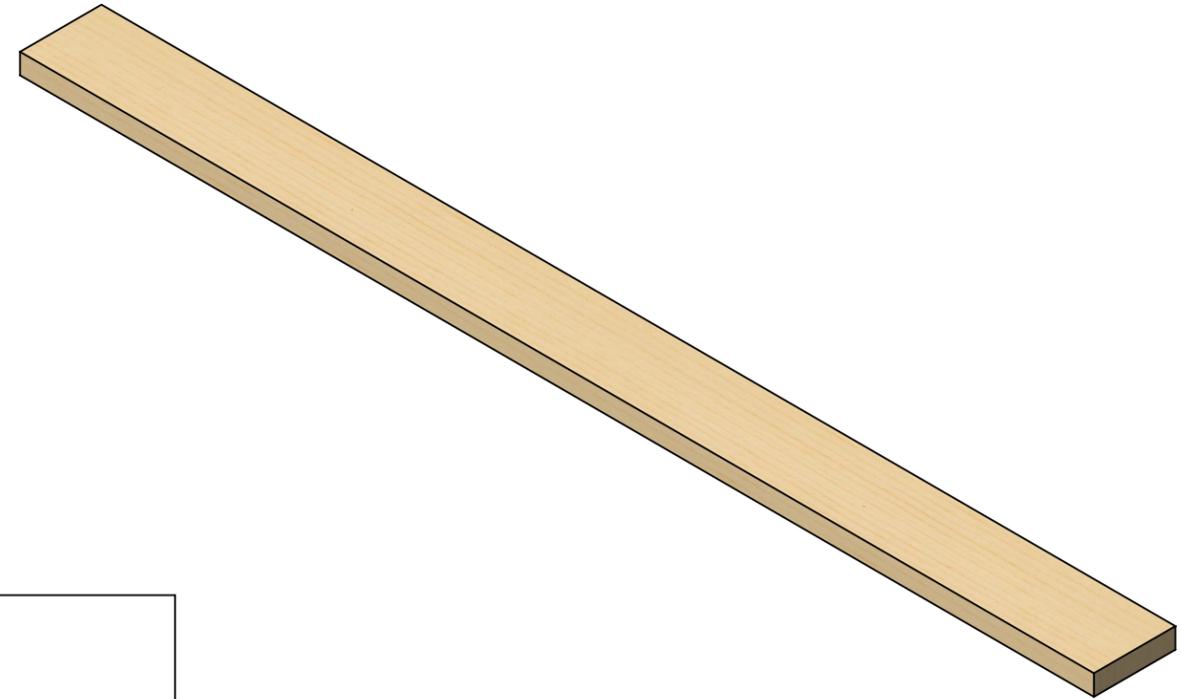


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**SIDE - RH**

TITLE	SIZE	DRAWING NO	REVISION
	<b>B</b>		<b>10008M -</b>
SCALE	WEIGHT	SHEET 7 OF 9	
1:4	84.392 g		

- NOTES:  
 1. MATERIAL: Pine.  
 2. FINISH: PAINT OR STAIN.  
 3. REMOVE ALL SHARP EDGES.

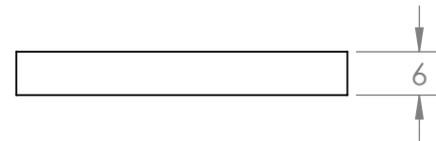
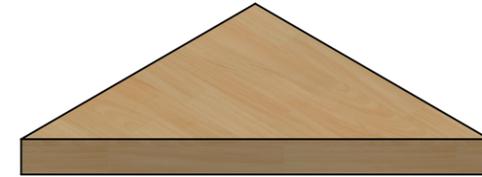
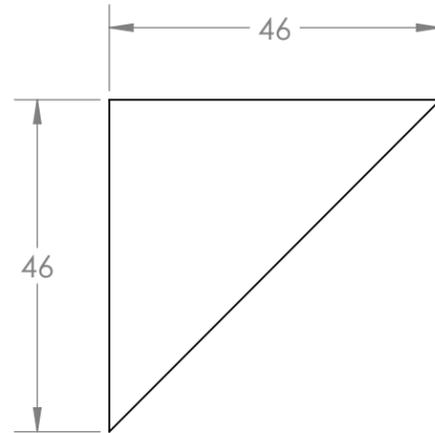


1025M	-	FRONT BOARD
PART NUMBER	REV	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018 DIMENSIONS ARE IN MILLIMETERS	SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY	 HONEY BEE RESEARCH CENTRE THE UNIVERSITY OF GUELPH	TITLE <h1>FRONT BOARD</h1>		
	<b>PROPRIETARY</b> NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.		CUSTOMER BEE KEEPERS	SIZE <b>B</b>	DRAWING NO <b>10008M</b>
THIRD ANGLE PROJECTION 	DRAWN BY F. FULKERSON	DATE 3/3/2024	SCALE 1:2	WEIGHT 36.731 g	SHEET 8 OF 9
	CHECKED BY P.G. KELLY	DATE 3/3/2024			
	APPROVED P.G. KELLY	DATE 3/3/2024			

NOTES:

1. MATERIAL: Baltic Birch Plywood.
2. FINISH: PAINT OR STAIN.
3. REMOVE ALL SHARP EDGES.



1027M	-	TENION
PART NUMBER	REV	DESCRIPTION

<p>UNLESS OTHERWISE SPECIFIED</p> <p>DO NOT SCALE DRAWING</p> <p>INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018</p> <p>DIMENSIONS ARE IN MILLIMETERS</p>	<p>SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY</p>	 <p>HONEY BEE RESEARCH CENTRE THE UNIVERSITY OF GUELPH</p>	<p>TITLE</p> <p><b>TENION</b></p>		
	<p>PROPRIETARY</p> <p>NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.</p>		<p>CUSTOMER BEE KEEPERS</p> <p>PROJECT HIVE PRODUCTS</p>	<p>SIZE</p> <p><b>B</b></p>	<p>DRAWING NO</p> <p><b>10008M</b></p>
<p>THIRD ANGLE PROJECTION</p> 	<p>DRAWN BY F. FULKERSON</p> <p>CHECKED BY P.G. KELLY</p> <p>APPROVED P.G. KELLY</p>	<p>DATE 3/3/2024</p> <p>DATE 3/3/2024</p> <p>DATE 3/3/2024</p>	<p>SCALE</p> <p>1:1</p>	<p>WEIGHT</p> <p>2.158 g</p>	<p>SHEET 9 OF 9</p>