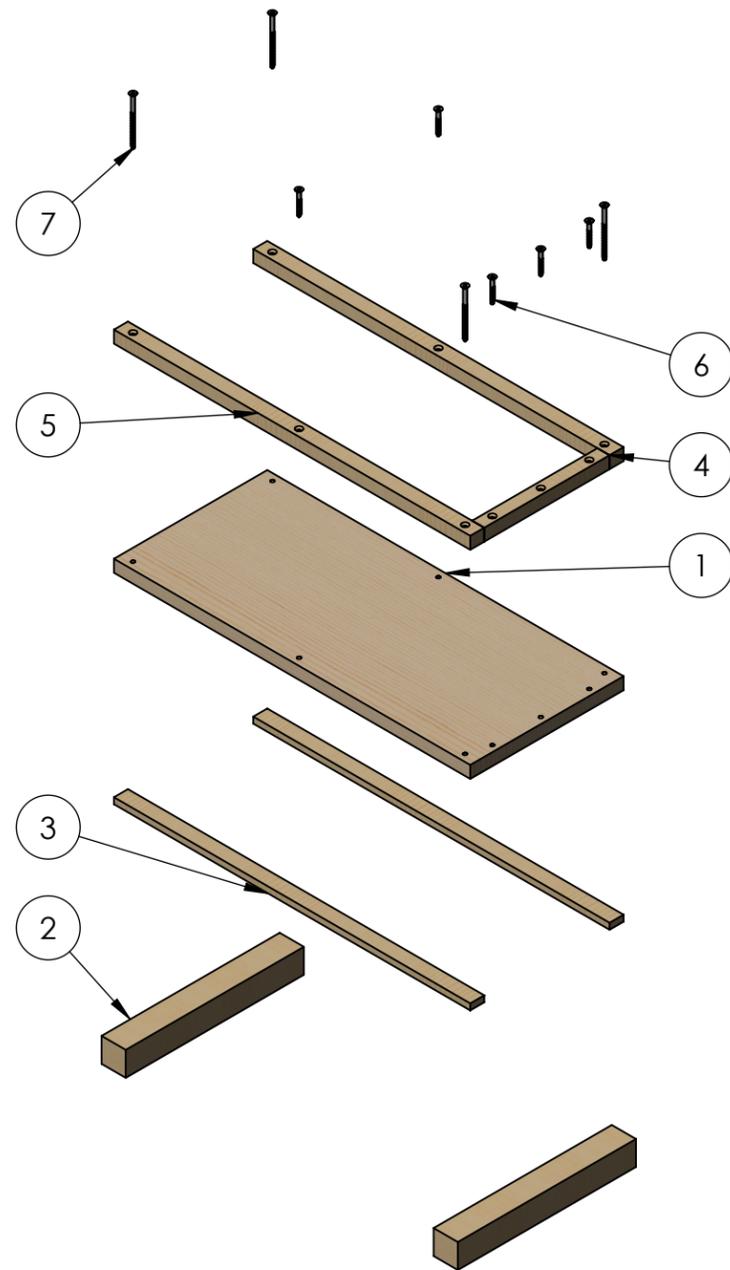
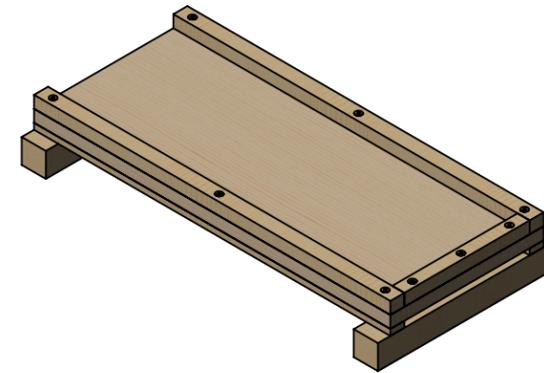


- NOTES:
 1. GLUE AND CLAMP BOARDS SQUARE.
 2. PREDRILL ALL HOLES.
 3. ADD SCREWS.
 4. REMOVE ALL SHARP EDGES.
 5. PAINT.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1103M	PLYWOOD BOARD	1
2	1105M	FOOT	2
3	1104M	BOTTOM SIDE RISER	2
4	1102M	TOP BACK RISER	1
5	1101M	TOP SIDE RISER	2
6	90610A727	Square-Drive Flat Head Screws for Wood	5
7	90610A657	Square-Drive Flat Head Screws for Wood	4

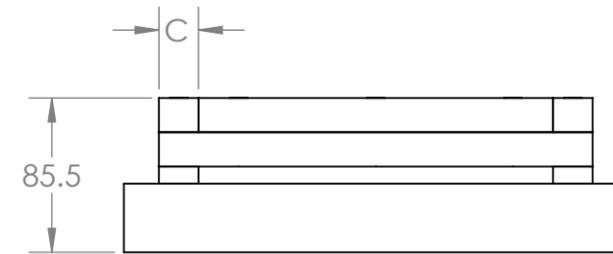
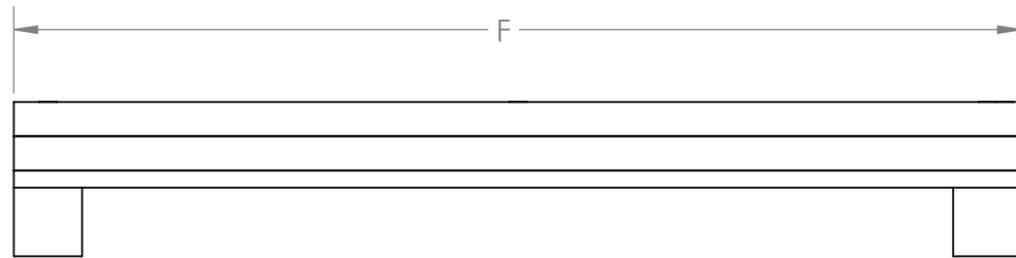
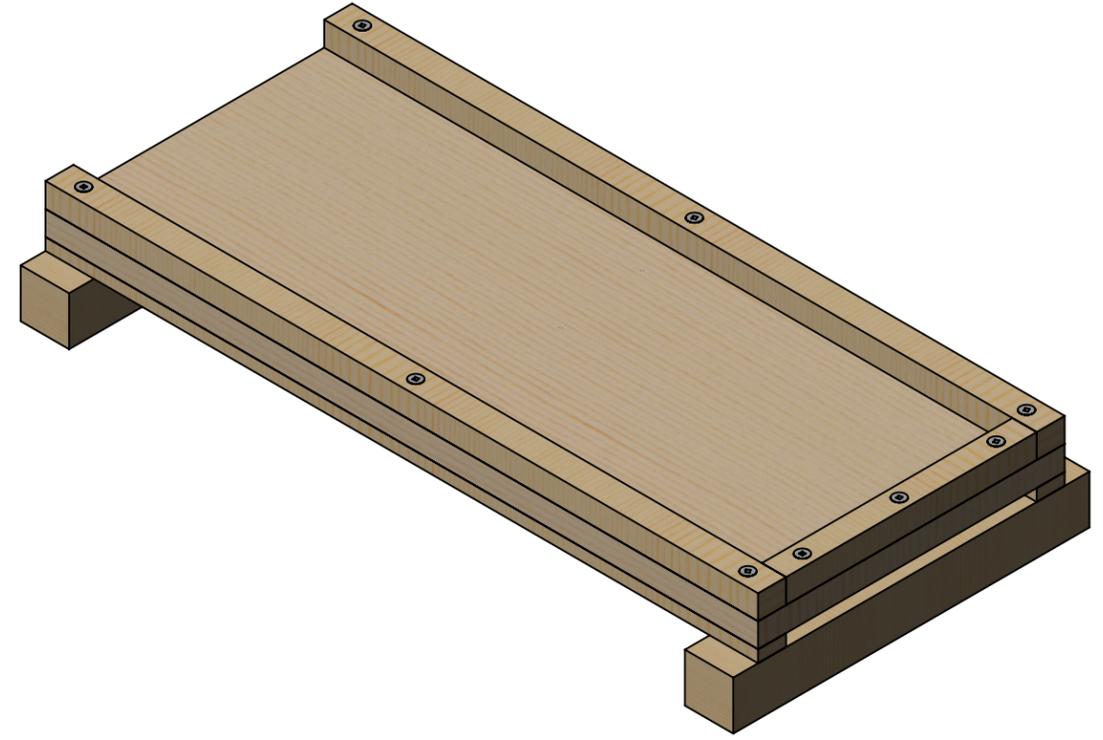
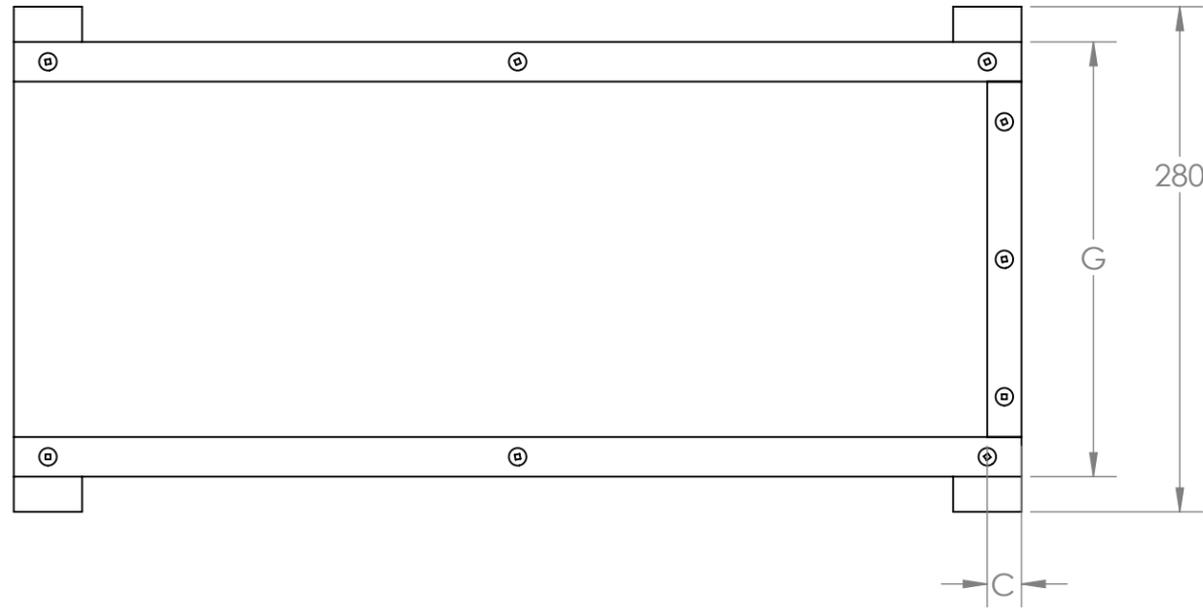


10025M	-	5 FRAME NUC BOTTOM BOARD
PART NUMBER	REV	DESCRIPTION

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 PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.		 HONEY BEE RESEARCH CENTRE THE UNIVERSITY OF GUELPH	
THIRD ANGLE PROJECTION 		CUSTOMER BEEKEEPERS PROJECT HIVE PRODUCTS		5 FRAME NUC BOTTOM BOARD	
DRAWN BY F. FULKERSON CHECKED BY P.G. KELLY APPROVED P.G. KELLY		DATE 2/22/2024 DATE 2/22/2024 DATE 2/22/2024		TITLE 10025M - SCALE 1:8 WEIGHT 1415.51 g	
				SHEET 1 OF 7	

- NOTES:
 1. GLUE AND CLAMP BOARDS SQUARE.
 2. PREDRILL ALL HOLES.
 3. ADD SCREWS.
 4. REMOVE ALL SHARP EDGES.
 5. PAINT.

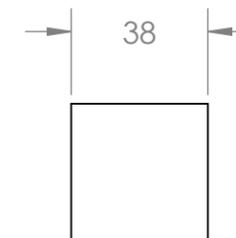
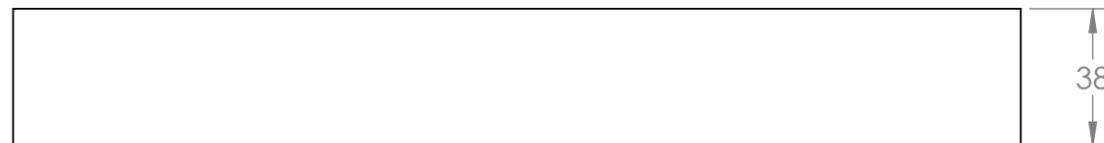
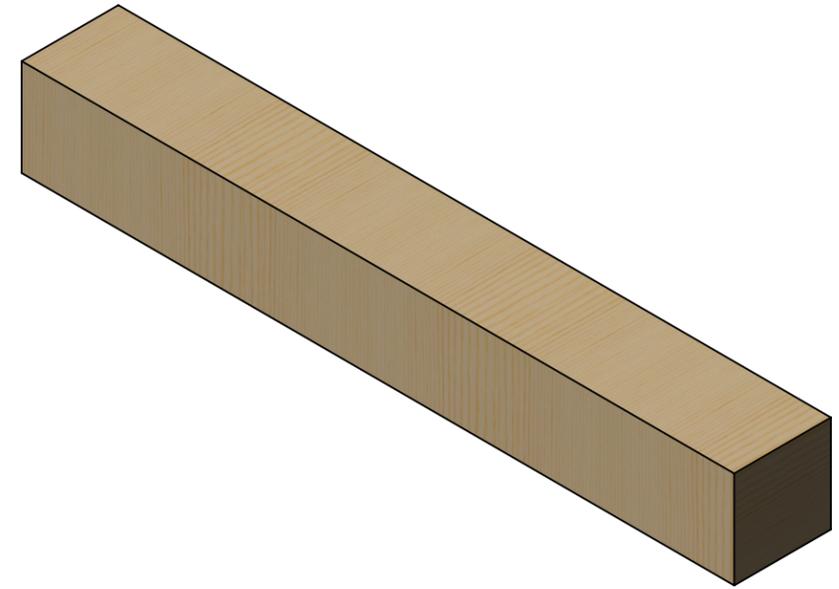
FEATURE	C = 19 mm	C = 20 mm	C = 22 mm	C = 24 mm	C = 25 mm
F	557	558	562	563	560
G	235	237	241	245	247



10025M	-	5 FRAME NUC BOTTOM 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	5 FRAME NUC BOTTOM BOARD
	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 	CUSTOMER: BEEKEEPERS PROJECT: HIVE PRODUCTS	SIZE: B DRAWING NO:	REVISION: 10025M -
	DRAWN BY: F. FULKERSON CHECKED BY: P.G. KELLY APPROVED: P.G. KELLY	DATE: 2/22/2024 DATE: 2/22/2024 DATE: 2/22/2024	SCALE: 1:10 WEIGHT: 1415.51 g SHEET 2 OF 7

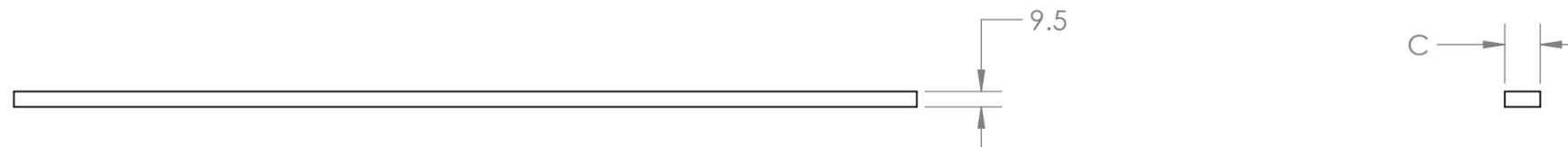
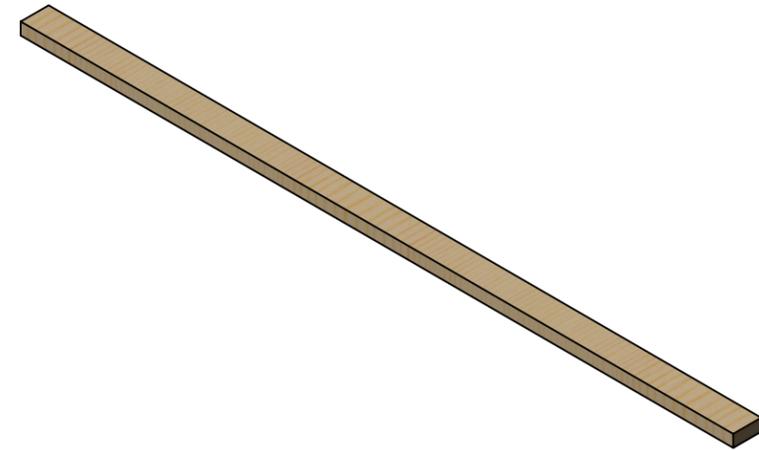
- NOTES:
 1. MATERIAL: Pine.
 2. FINISH: PAINT OR STAIN.
 3. REMOVE ALL SHARP EDGES.



1105M	-	FOOT
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 PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.		 HONEY BEE RESEARCH CENTRE THE UNIVERSITY OF GUELPH	
THIRD ANGLE PROJECTION 		CUSTOMER BEE KEEPERS PROJECT HIVE PRODUCTS		TITLE <h1>FOOT</h1>	
DRAWN BY F. FULKERSON CHECKED BY P.G. KELLY APPROVED P.G. KELLY		DATE 2/22/2024 DATE 2/22/2024 DATE 2/22/2024		SIZE B DRAWING NO 10025M -	
		SCALE 1:2		WEIGHT 137.47 g	
				SHEET 3 OF 7	

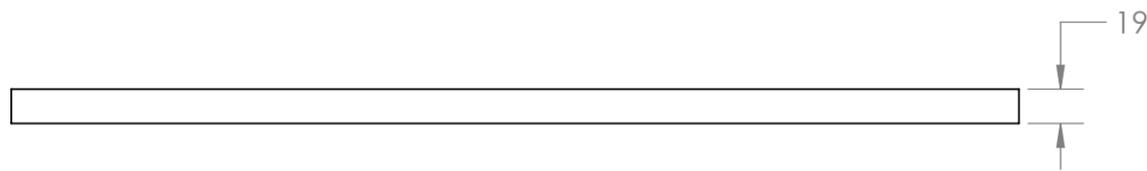
- NOTES:
 1. MATERIAL: Pine.
 2. FINISH: PAINT OR STAIN.
 3. REMOVE ALL SHARP EDGES.



1104M	-	BOTTOM SIDE RISER
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
	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 	CUSTOMER BEE KEEPERS PROJECT HIVE PRODUCTS	DRAWING NO 10025M -
DRAWN BY F. FULKERSON CHECKED BY P.G. KELLY APPROVED P.G. KELLY	DATE 2/22/2024 DATE 2/22/2024 DATE 2/22/2024	SCALE 1:4 WEIGHT 39.79 g SHEET 4 OF 7

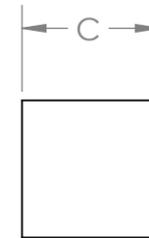
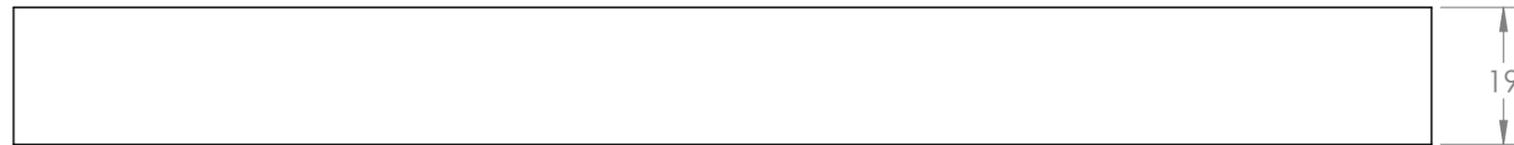
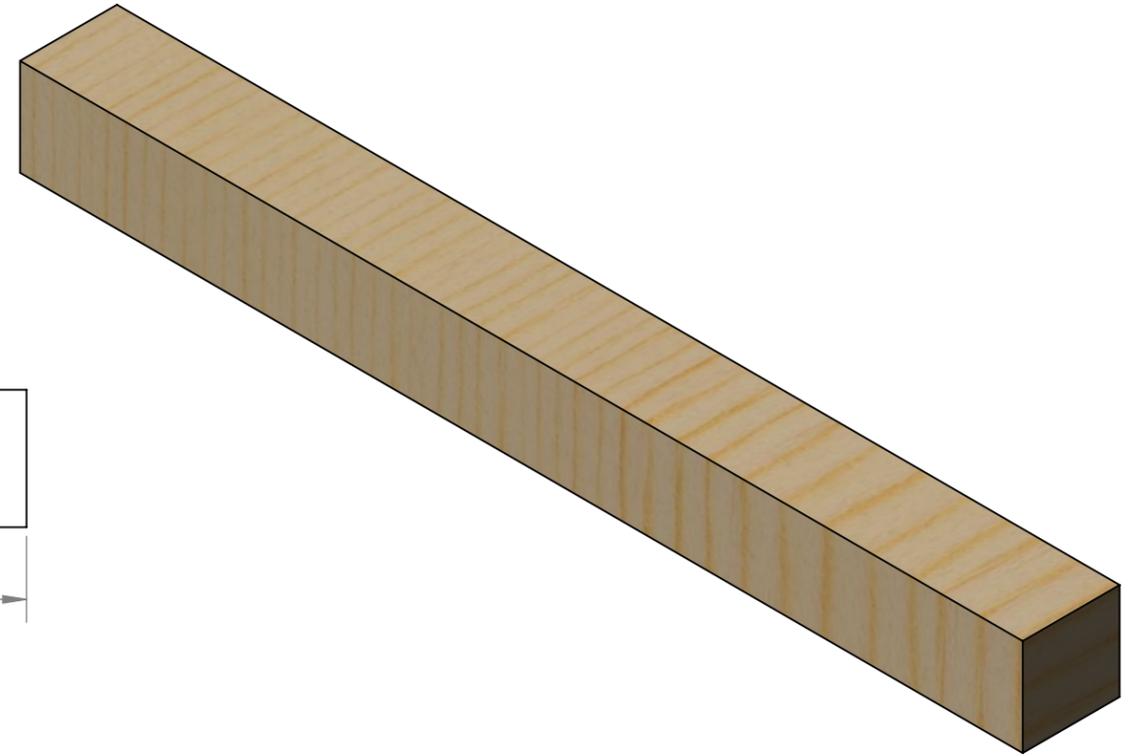
- NOTES:
 1. MATERIAL: Plywood.
 2. FINISH: PAINT OR STAIN.
 3. REMOVE ALL SHARP EDGES.



1103M	-	PLYWOOD 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 PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.		 HONEY BEE RESEARCH CENTRE THE UNIVERSITY OF GUELPH	
THIRD ANGLE PROJECTION 		CUSTOMER BEE KEEPERS PROJECT HIVE PRODUCTS		PLYWOOD BOARD	
DRAWN BY F. FULKERSON CHECKED BY P.G. KELLY APPROVED P.G. KELLY		DATE 2/22/2024 DATE 2/22/2024 DATE 2/22/2024		TITLE 10025M	
		SCALE 1:4		WEIGHT 871.84 g	
				SHEET 5 OF 7	

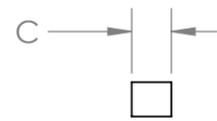
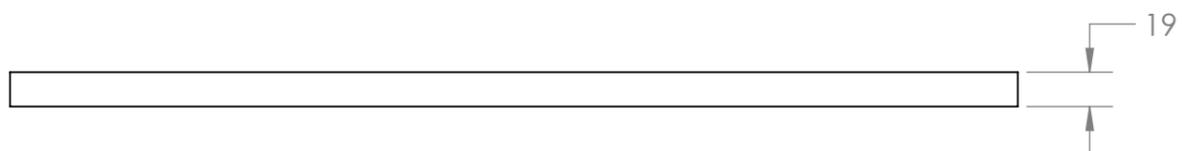
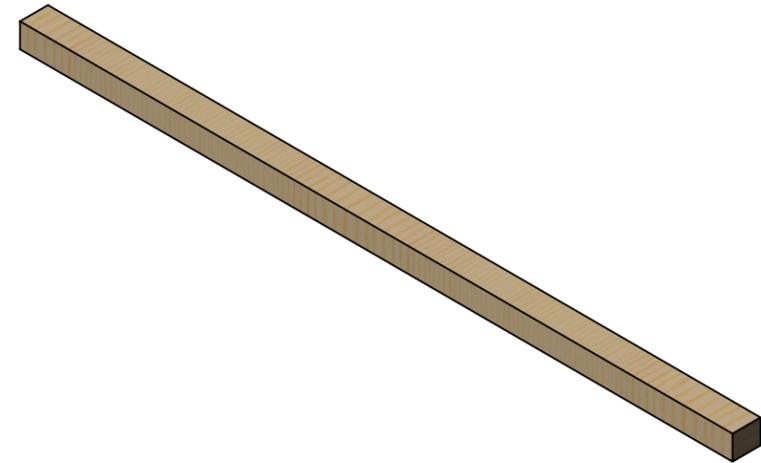
- NOTES:
 1. MATERIAL: Pine.
 2. FINISH: .
 3. REMOVE ALL SHARP EDGES.



1102M	-	TOP BACK RISER
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>TOP BACK RISER</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 B	DRAWING NO. 10025M
THIRD ANGLE PROJECTION 	DRAWN BY F. FULKERSON	DATE 2/22/2024	SCALE 1:1	WEIGHT 24.24 g	SHEET 6 OF 7
	CHECKED BY P.G. KELLY	DATE 2/22/2024			
	APPROVED P.G. KELLY	DATE 2/22/2024			

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



1101M	-	TOP SIDE RISER
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 PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.		 HONEY BEE RESEARCH CENTRE THE UNIVERSITY OF GUELPH	
THIRD ANGLE PROJECTION 		CUSTOMER BEE KEEPERS PROJECT HIVE PRODUCTS		TOP SIDE RISER	
DRAWN BY F. FULKERSON CHECKED BY P.G. KELLY APPROVED P.G. KELLY		DATE 2/22/2024 DATE 2/22/2024 DATE 2/22/2024		TITLE 10025M -	
		SIZE B		DRAWING NO. 10025M	
		SCALE 1:4		WEIGHT 79.59 g	
				SHEET 7 OF 7	