

- NOTES:  
1. FINISH: PAINT  
2. REMOVE ALL SHARP EDGES  
3. GLUE AND CLAMP ALL BOARDS.  
4. DRILL AND SCREW TOGETHER.  
5. STAPLE SHEET METAL ONTO LID.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1092	PLYWOOD BOARD	1
2	1090	FRONT/BACK	2
3	1091	SIDE	2
4	1093	SHEET METAL COVER	1
5	90610A727	Square-Drive Flat Head Screws for Wood	8



10022	-	LID
PART NUMBER	REV	DESCRIPTION

UNLESS OTHERWISE SPECIFIED  
DO NOT SCALE DRAWING  
INTERPRET DIMENSIONS AND TOLERANCES  
PER ASME Y14.5-2018  
DIMENSIONS ARE IN INCHES

THIRD ANGLE PROJECTION

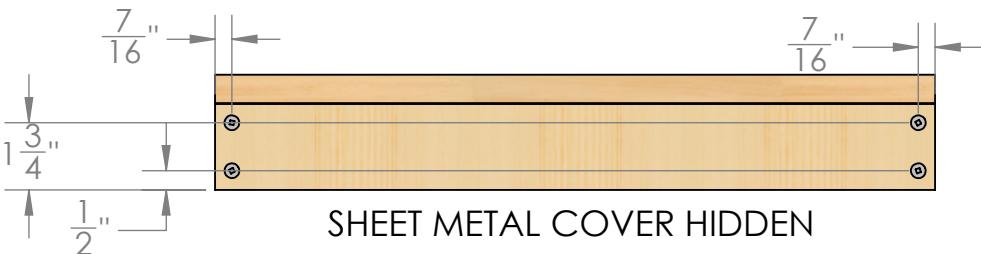
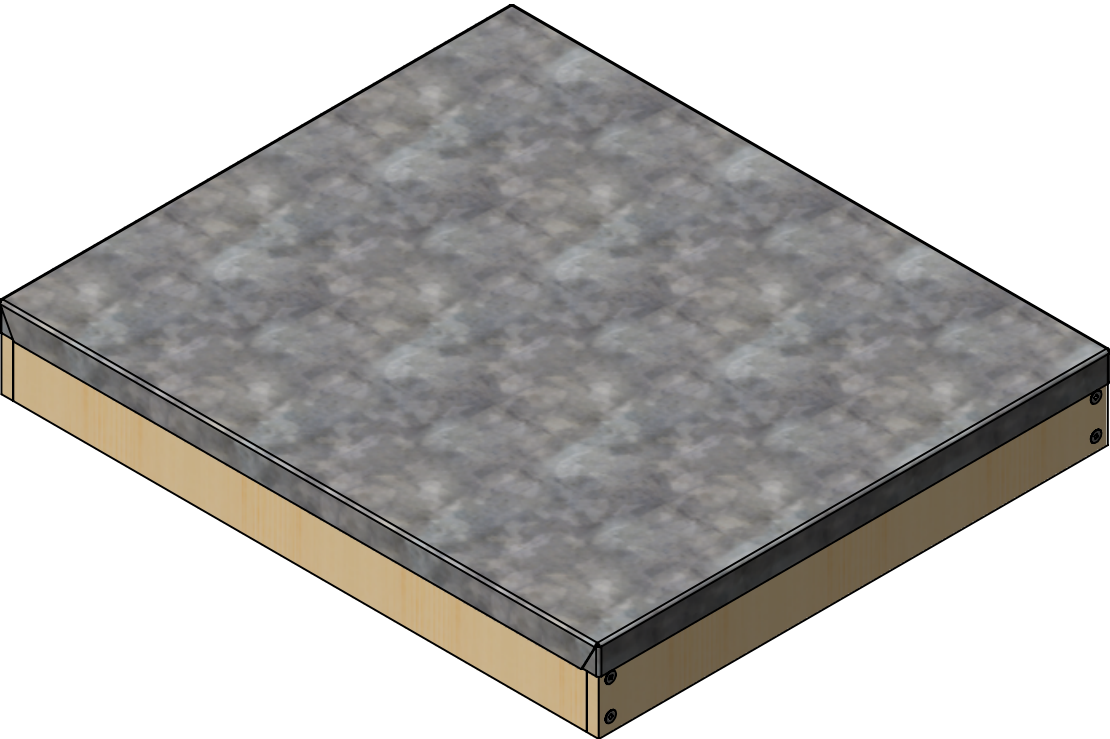
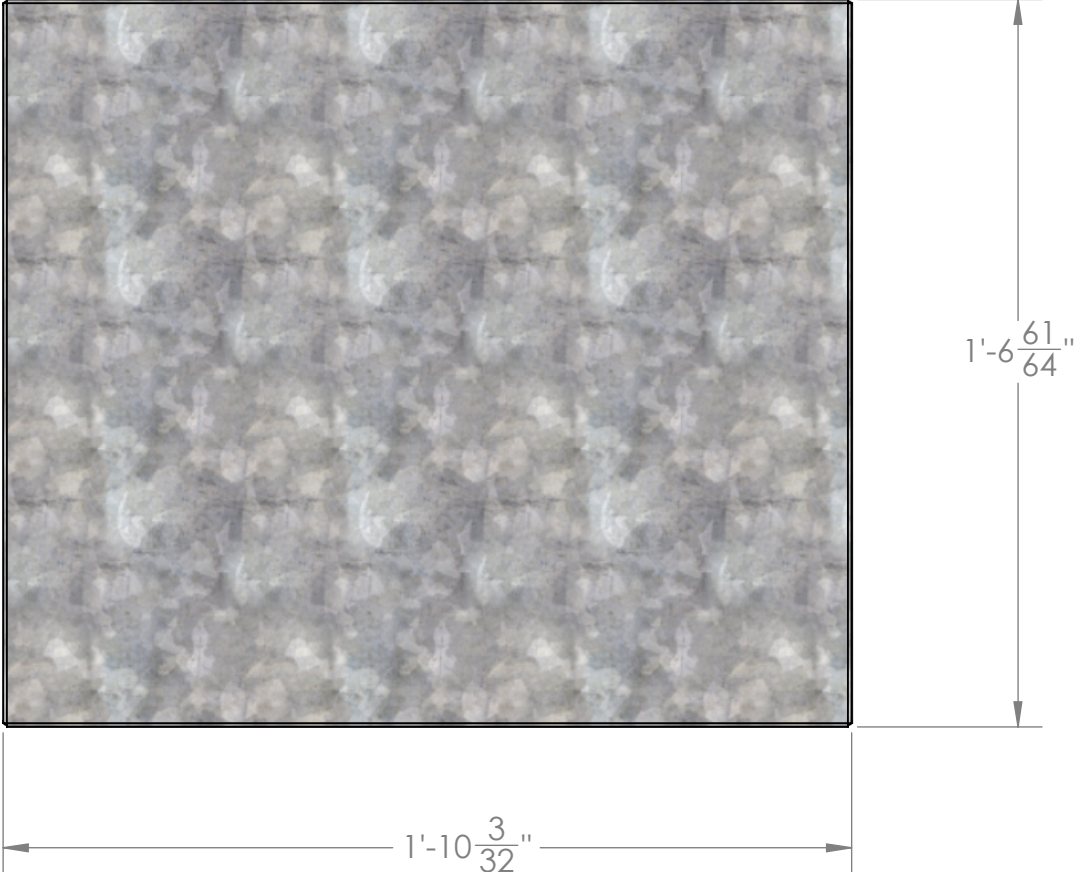


SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY	
PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.	
CUSTOMER BEE KEEPERS	
PROJECT HIVE PRODUCTS	
DRAWN BY F. FULKERSON	DATE 2025-01-15
CHECKED BY P.G. KELLY	DATE 2025-01-15
APPROVED P.G. KELLY	DATE 2025-01-15



HONEY BEE RESEARCH CENTRE  
THE UNIVERSITY OF GUELPH

TITLE <b>LID</b>		REVISION <b>10022 -</b>	
SIZE <b>B</b>	DRAWING NO.	SCALE 1:5	WEIGHT 12.495 lbs
SHEET 1 OF 6			



10022	-	LID
PART NUMBER	REV	DESCRIPTION

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018

DIMENSIONS ARE IN INCHES

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA

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PROPRIETARY

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CUSTOMER

BEE KEEPERS

PROJECT

HIVE PRODUCTS

DRAWN BY

F. FULKERSON

DATE

2025-01-15

CHECKED BY

P.G. KELLY

DATE

2025-01-15

APPROVED

P.G. KELLY

DATE

2025-01-15

HONEY BEE RESEARCH CENTRE

THE UNIVERSITY OF GUELPH

TITLE

LID

SIZE

DRAWING NO

10022 -

REVISION

SCALE

1:5

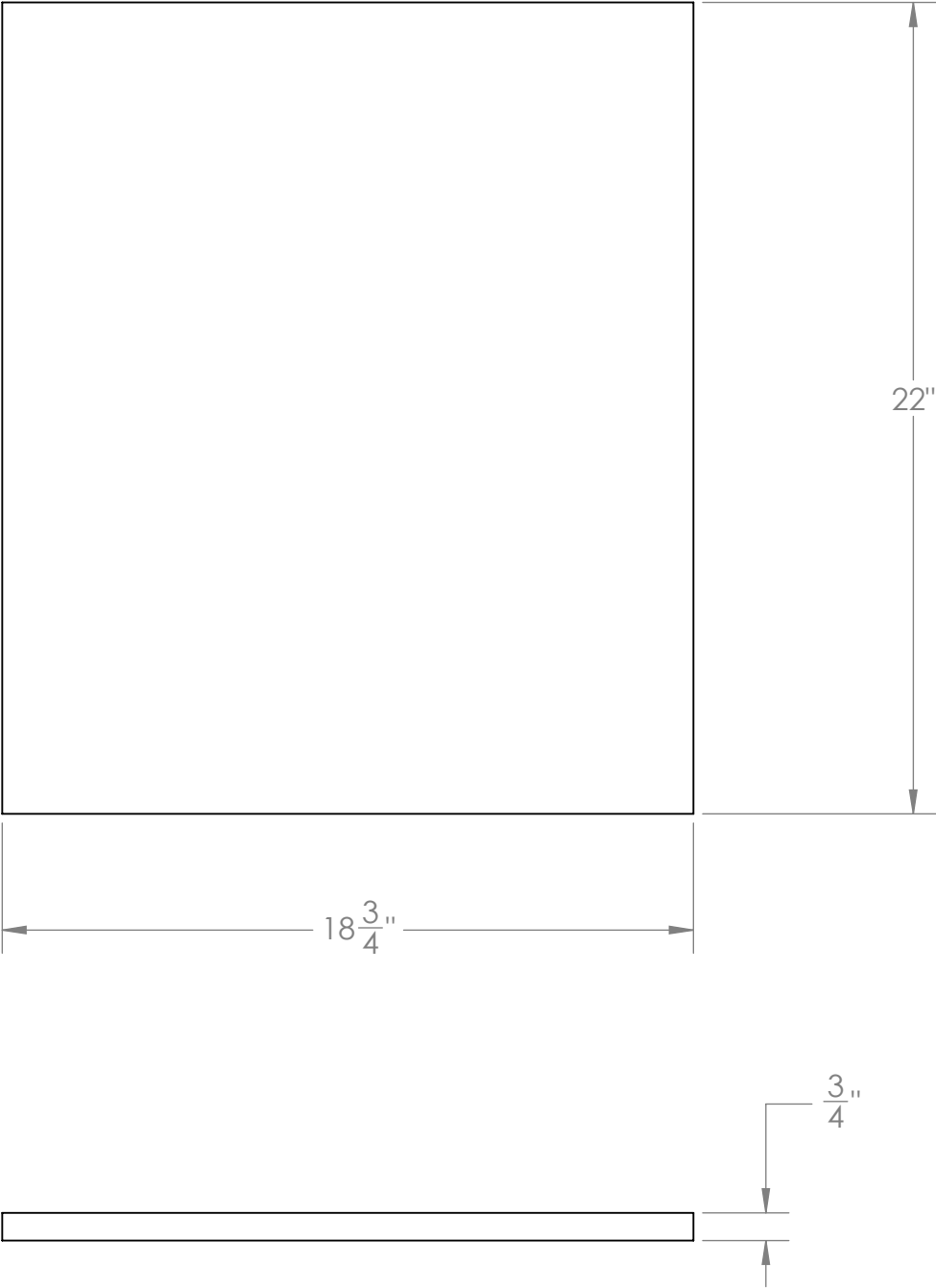
WEIGHT

12.495 lbs

SHEET 2 OF 6



- NOTES:
- 1. MATERIAL: PLYWOOD
  - 2. REMOVE ALL SHARP EDGES



1092	-	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 INCHES

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA  
CHANGES SHALL BE INCORPORATED  
ELECTRONICALLY BY THE DESIGN ACTIVITY

**PROPRIETARY**

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ANY FORM, WITHOUT WRITTEN PERMISSION.

CUSTOMER BEE KEEPERS	
PROJECT HIVE PRODUCTS	
DRAWN BY F. FULKERSON	DATE 2025-01-15
CHECKED BY P.G. KELLY	DATE 2025-01-15
APPROVED P.G. KELLY	DATE 2025-01-15

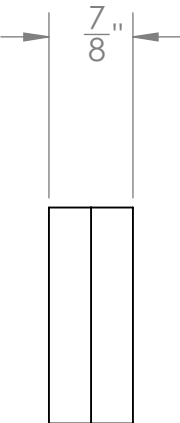
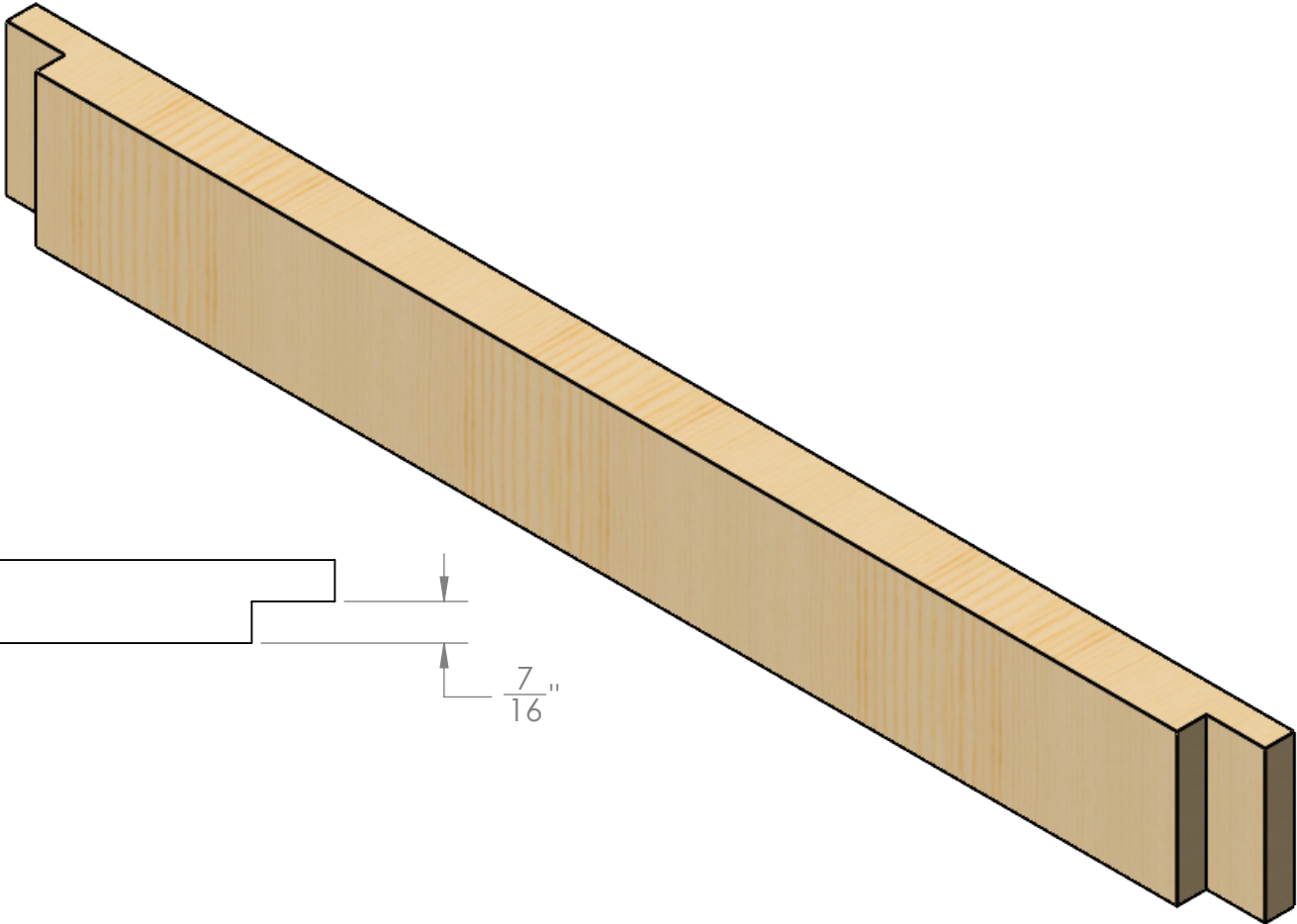
HONEY BEE RESEARCH CENTRE  
THE UNIVERSITY OF GUELPH

TITLE



**PLYWOOD BOARD**

SIZE	DRAWING NO	REVISION
<b>B</b>		<b>10022 -</b>
SCALE	1:5	WEIGHT 3.800 lbs
SHEET 3 OF 6		

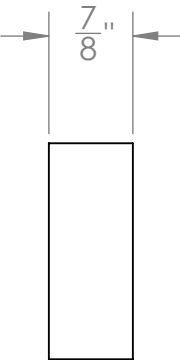
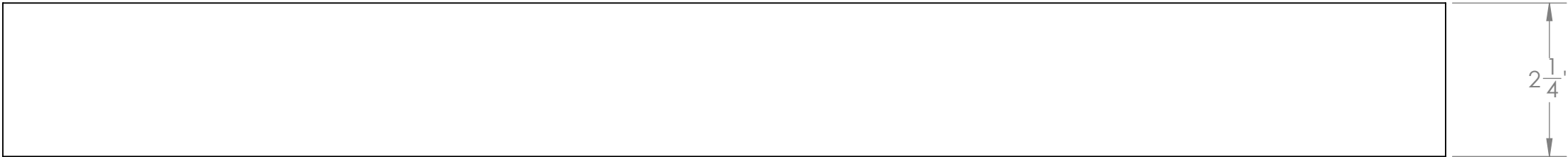
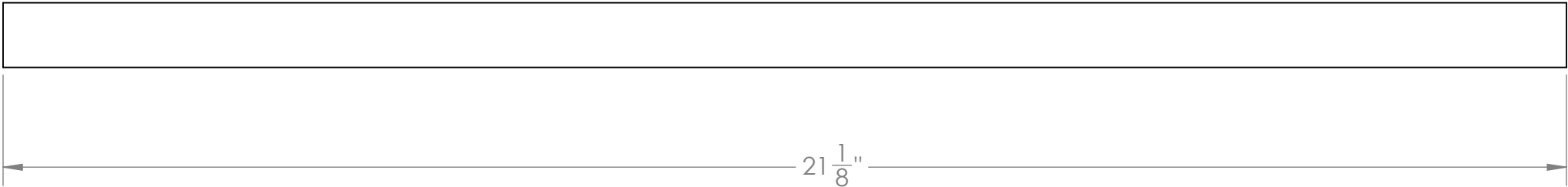
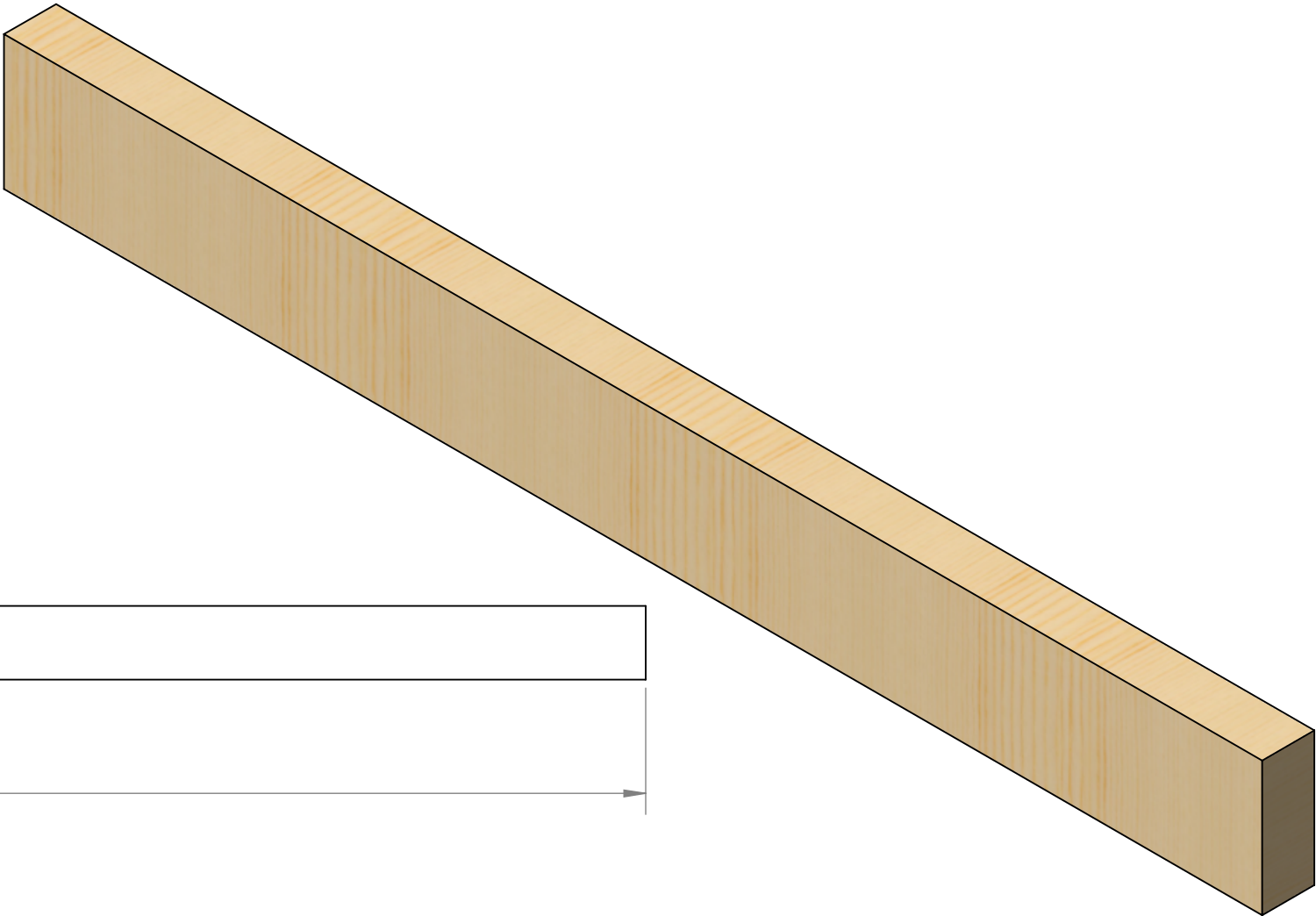
- NOTES:
- 1. MATERIAL: Pine
  - 2. REMOVE ALL SHARP EDGES





1090	-	FRONT/BACK
PART NUMBER	REV	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING  INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018  DIMENSIONS ARE IN INCHES		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.				
		CUSTOMER BEE KEEPERS		TITLE		
PROJECT HIVE PRODUCTS		<h1>FRONT/BACK</h1>				
DRAWN BY F. FULKERSON						SIZE
<p>THIRD ANGLE PROJECTION</p> 		CHECKED BY P.G. KELLY		<b>B</b>	10022	-
		APPROVED P.G. KELLY				
		DATE 2025-01-15		SCALE	1:2	WEIGHT

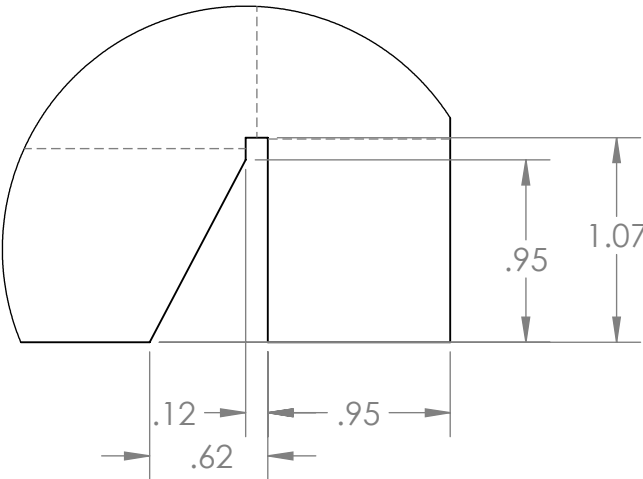
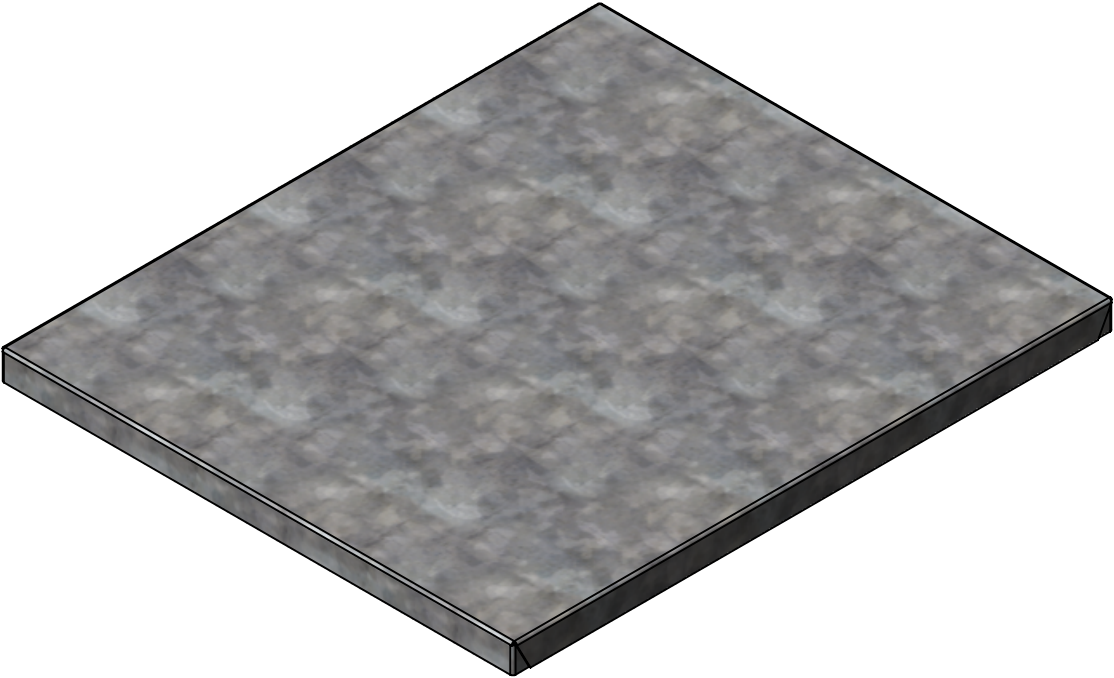
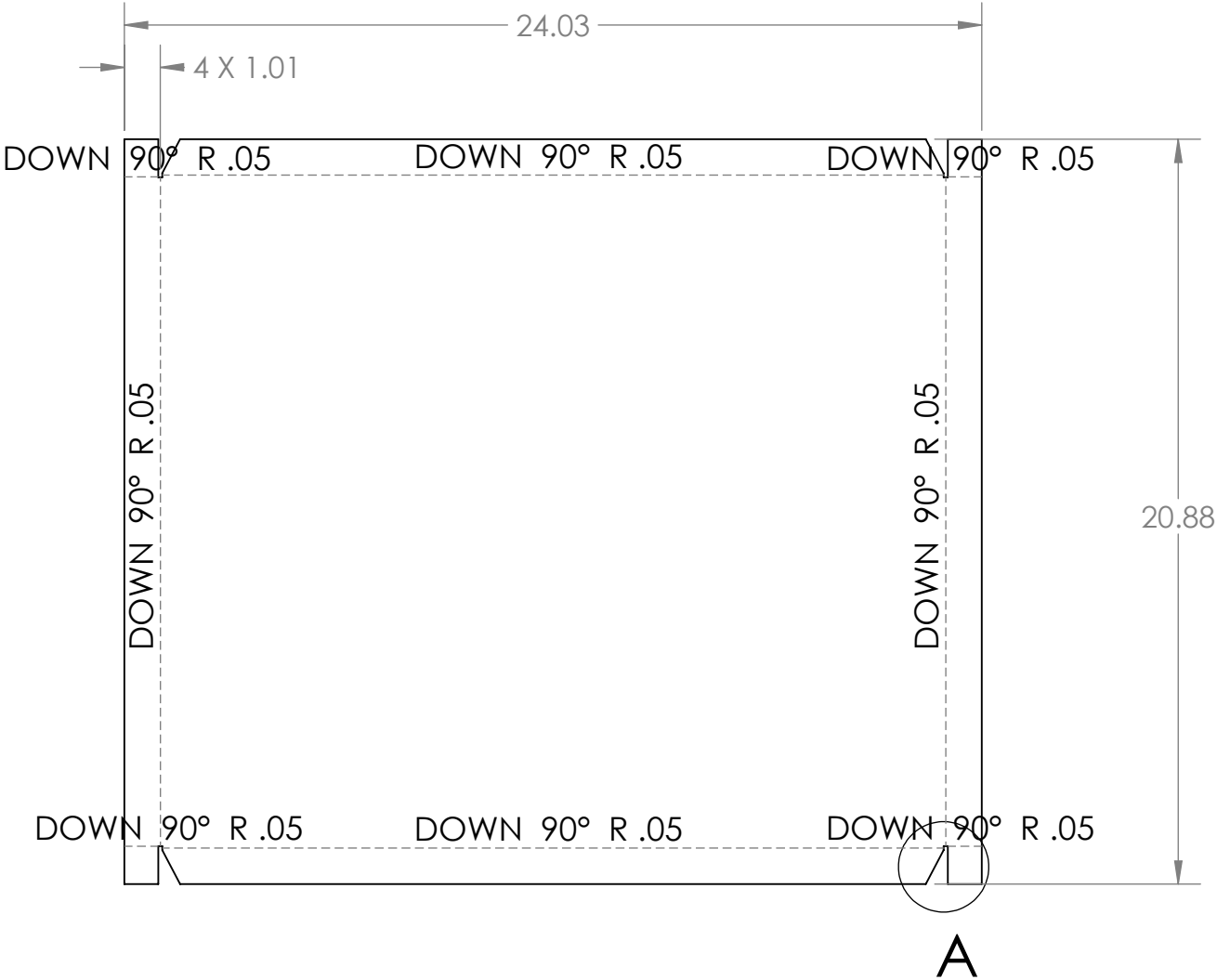
- NOTES:
- 1. MATERIAL: Pine
  - 2. REMOVE ALL SHARP EDGES



1091	-	SIDE
PART NUMBER	REV	DESCRIPTION

<b>UNLESS OTHERWISE SPECIFIED</b> DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018 DIMENSIONS ARE IN INCHES	SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		 <b>HONEY BEE RESEARCH CENTRE THE UNIVERSITY OF GUELPH</b>		
	<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		<b>SIDE</b>		
	PROJECT HIVE PRODUCTS				
<b>THIRD ANGLE PROJECTION</b> 	DRAWN BY F. FULKERSON	DATE 2025-01-15	SIZE <b>B</b>	DRAWING NO	<b>10022</b> -
	CHECKED BY P.G. KELLY	DATE 2025-01-15	SCALE 1:2	WEIGHT 0.511 lbs	
	APPROVED P.G. KELLY	DATE 2025-01-15			
					SHEET 5 OF 6

- NOTES:
- 1. MATERIAL: Galvanized Steel
  - 2. FINISH: PAINT
  - 3. REMOVE ALL SHARP EDGES





DETAIL A

SCALE 1 : 1

4 PLCS

1093	-	SHEET METAL COVER
PART NUMBER	REV	DESCRIPTION

<div>UNLESS OTHERWISE SPECIFIED</div> <div>DO NOT SCALE DRAWING</div> <div>INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018</div> <div>DIMENSIONS ARE IN INCHES</div>		<div>SolidWorks MAINTAINED DATA</div> <div>CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY</div>		<div></div> <div>HONEY BEE RESEARCH CENTRE</div> <div>THE UNIVERSITY OF GUELPH</div>	
		PROPRIETARY			
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		CUSTOMER BEE KEEPERS			
<div>THIRD ANGLE PROJECTION</div> <div></div>		PROJECT HIVE PRODUCTS		<div>TITLE</div> <div>SHEET METAL COVER</div>	
		DRAWN BY F. FULKERSON			
		CHECKED BY P.G. KELLY			
		APPROVED P.G. KELLY			
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