

10018_34	01	DRAWER
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 2022-03-23
CHECKED BY P.G. KELLY	DATE 2022-03-23
APPROVED P.G. KELLY	DATE 2022-03-23

HONEY BEE RESEARCH CENTRE
THE UNIVERSITY OF GUELPH

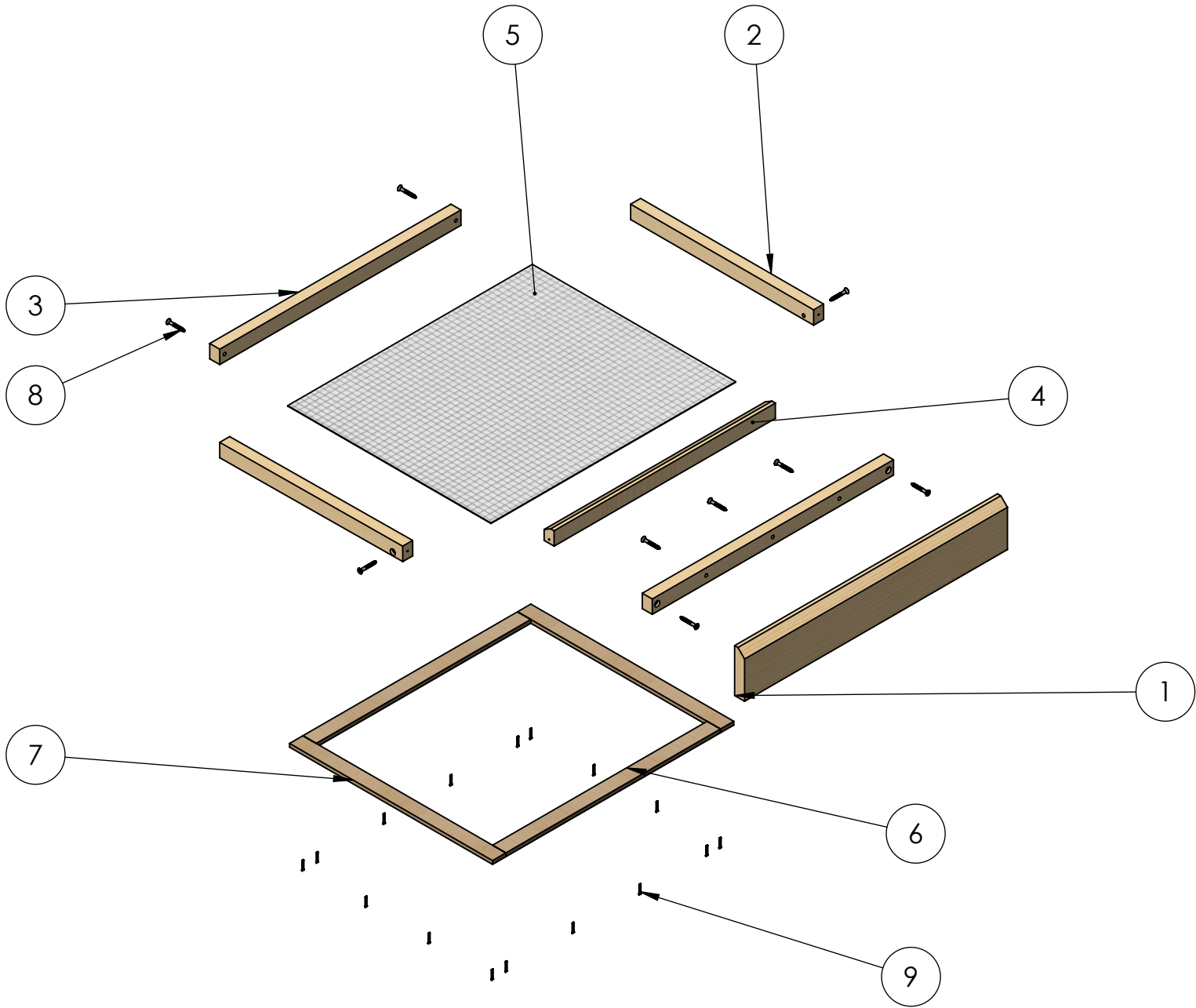
TITLE

DRAWER

SIZE	DRAWING NO	REVISION
B		10017_3_34 -
SCALE	1:4	WEIGHT 4.009 lbs

SHEET 1 OF 12

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1061_34	Drawer Front	1
2	1062_34	Drawer Top Side	2
3	1063_34	Drawer Top Back	2
4	1067_34	Drawer Rain Stop	1
5	SCREEN_34	WINDOW MESH SCREEN	1
6	1066_34	Drawer Bottom End	2
7	1065_34	Drawer Bottom Side	2
8	90610A201	#8 x 1-1/4" WOOD SCREW	9
9	Brad Nail 5_8_34	BRAD NAIL	16



10018_34	01	DRAWER
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 2022-03-23
CHECKED BY P.G. KELLY	DATE 2022-03-23
APPROVED P.G. KELLY	DATE 2022-03-23

HONEY BEE RESEARCH CENTRE
THE UNIVERSITY OF GUELPH

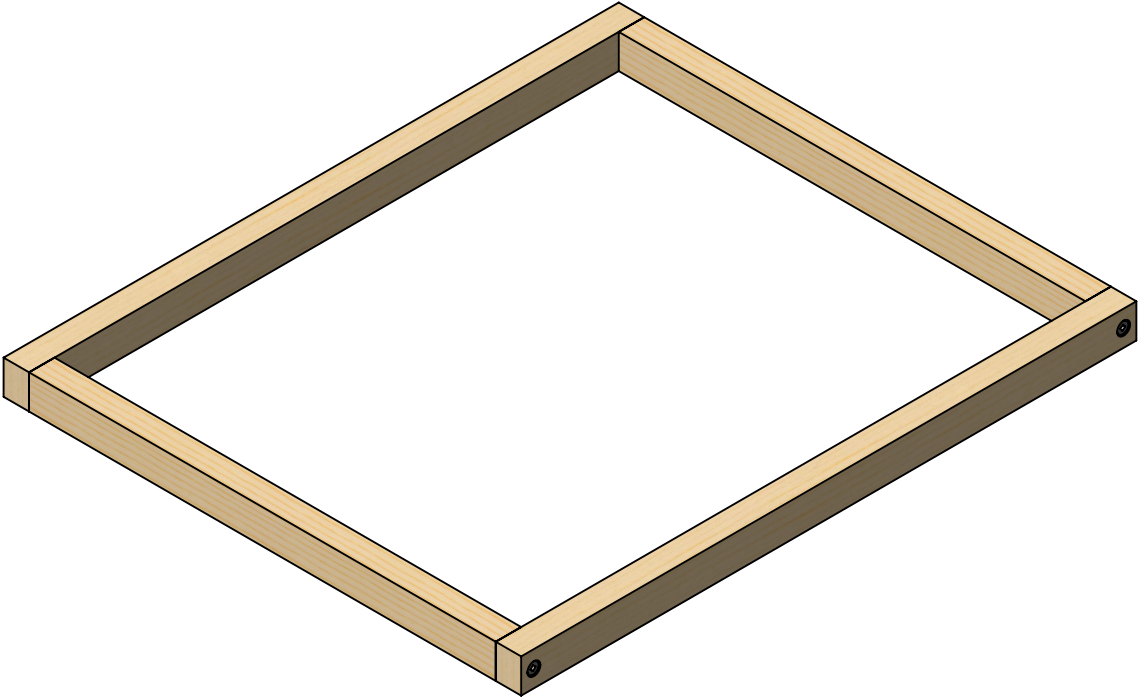
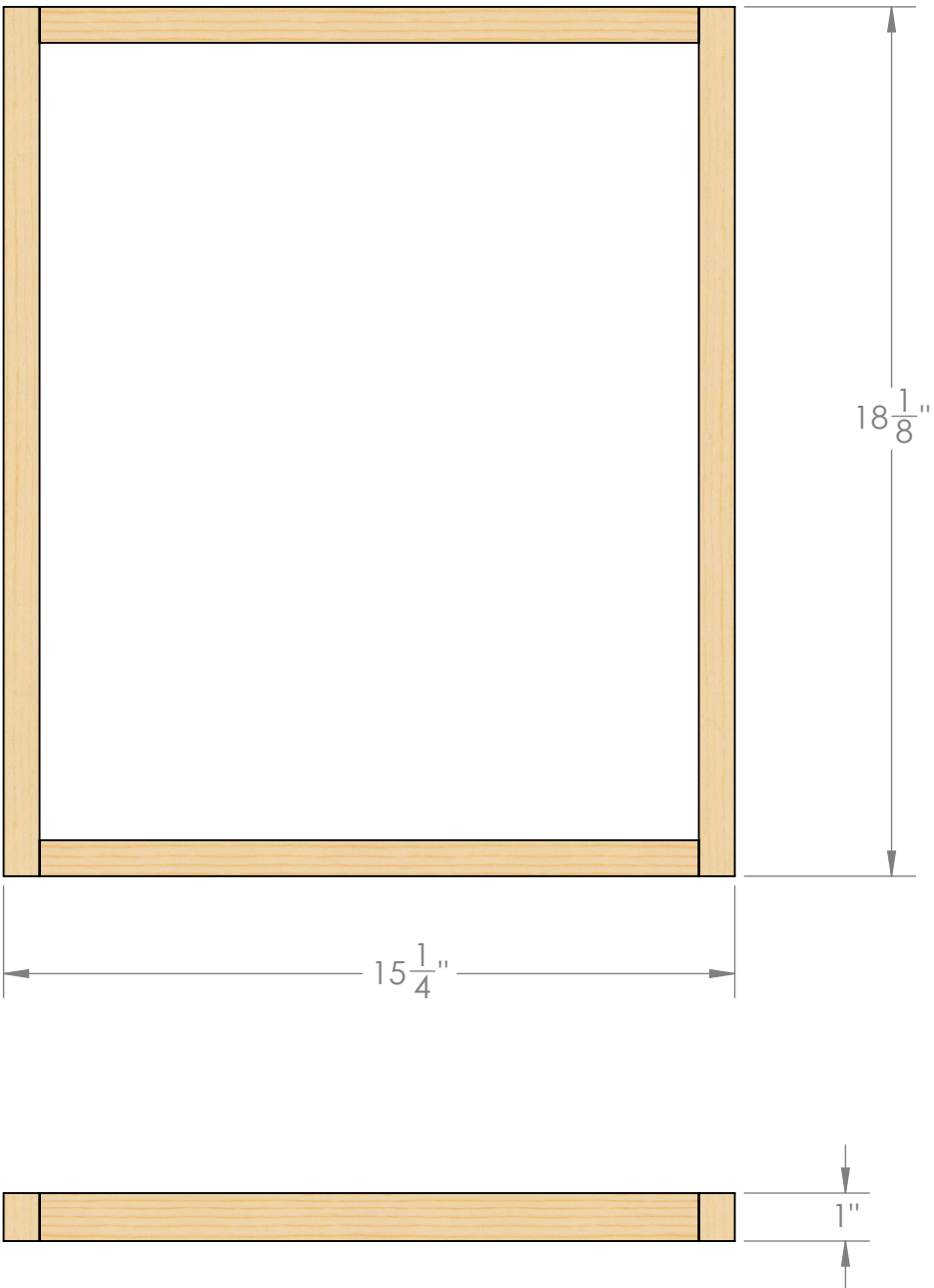
TITLE

DRAWER

SIZE	DRAWING NO	REVISION
B		10017_3_34 -
SCALE	1:8	WEIGHT 4.009 lbs

SHEET 2 OF 12

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



4 X $\phi 11/64 \nabla 3/4$
 $\phi 5/64 \nabla 1-1/4$
 $\checkmark \phi 3/8 \times 82^\circ$



10018_34	01	DRAWER
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	2022-03-23
CHECKED BY	P.G. KELLY	DATE	2022-03-23
APPROVED	P.G. KELLY	DATE	2022-03-23

HONEY BEE RESEARCH CENTRE
THE UNIVERSITY OF GUELPH

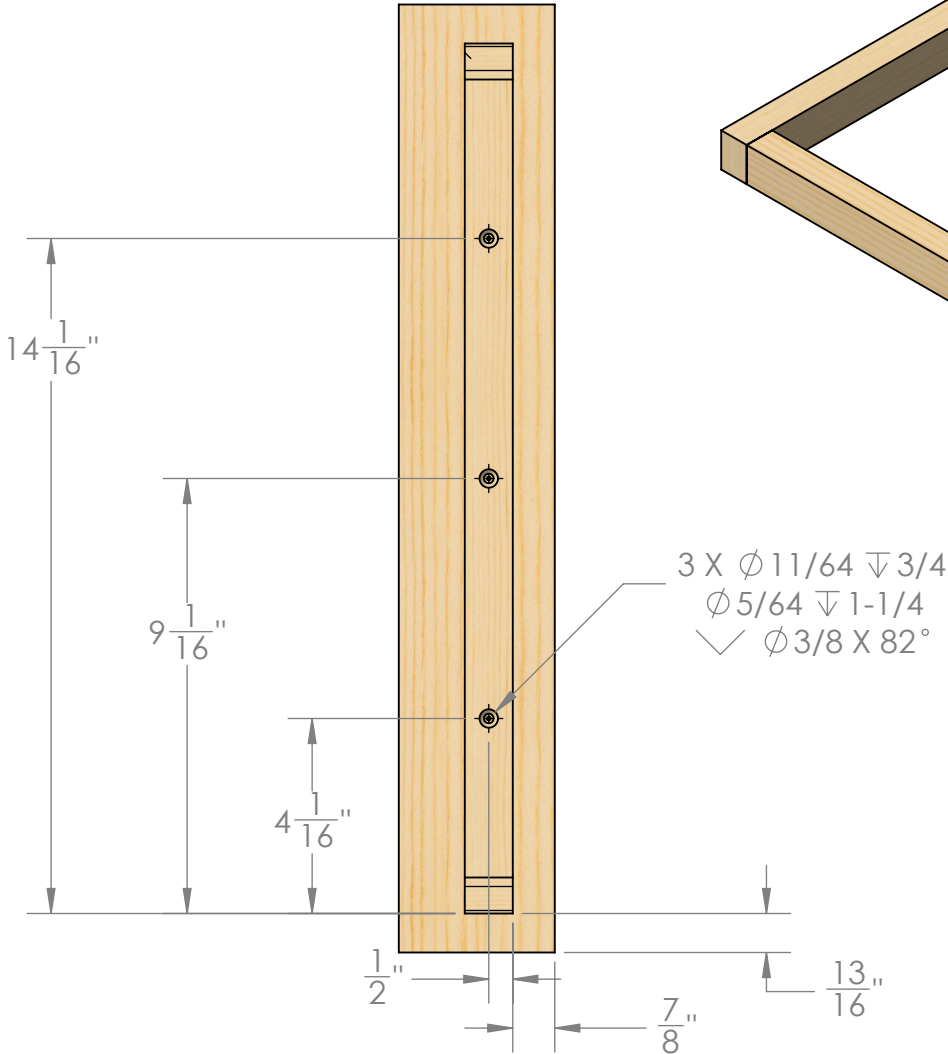
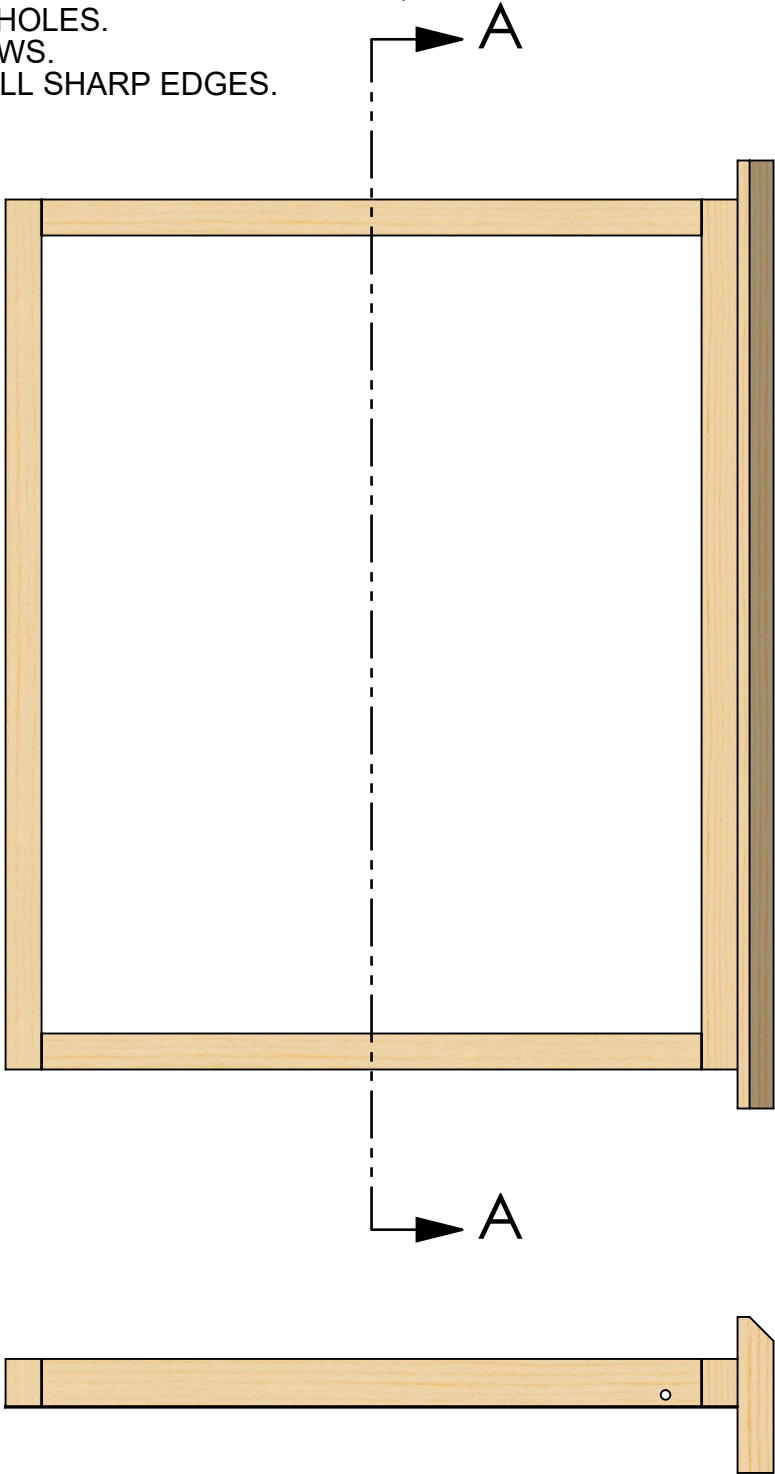
TITLE

DRAWER

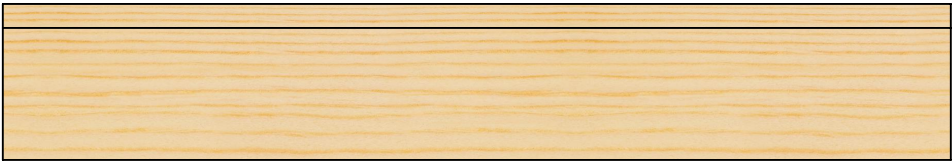
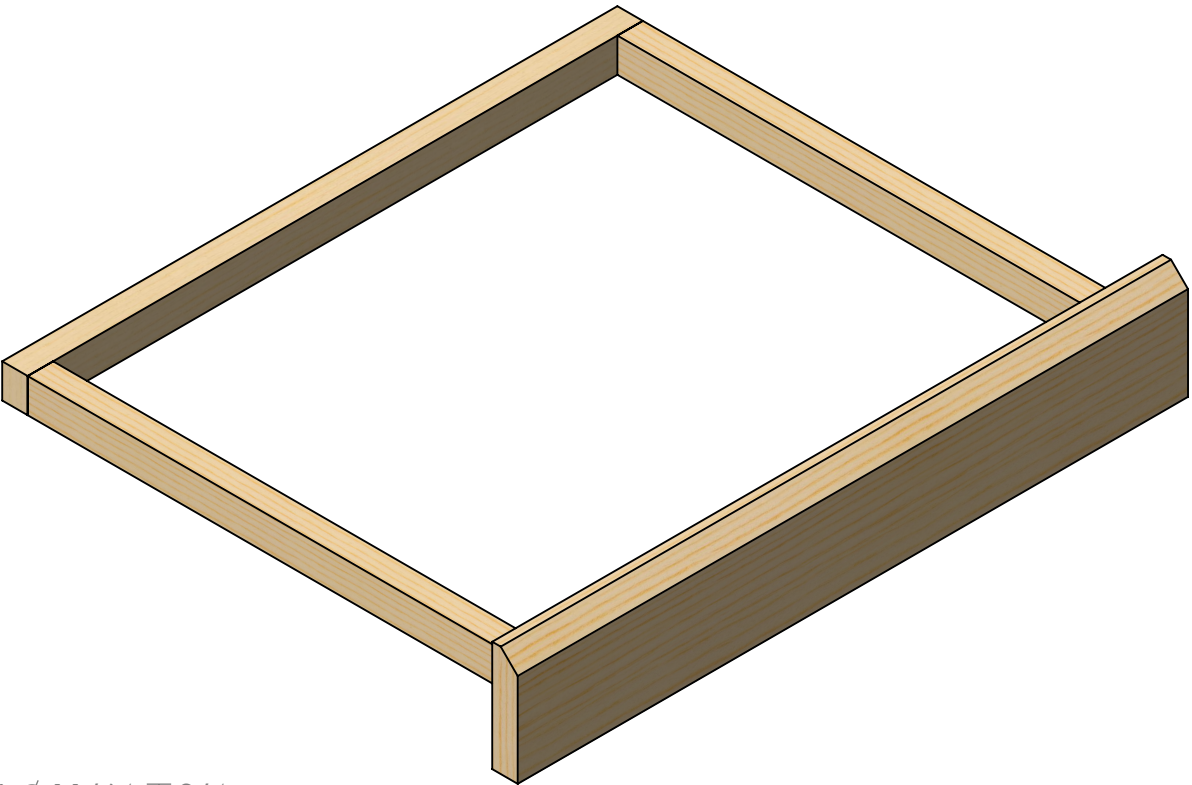
SIZE	DRAWING NO	REVISION
B		10017_3_34 -
SCALE	1:4	WEIGHT 1.500 lbs

SHEET 3 OF 12

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



SECTION A-A



10018_34	01	DRAWER
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



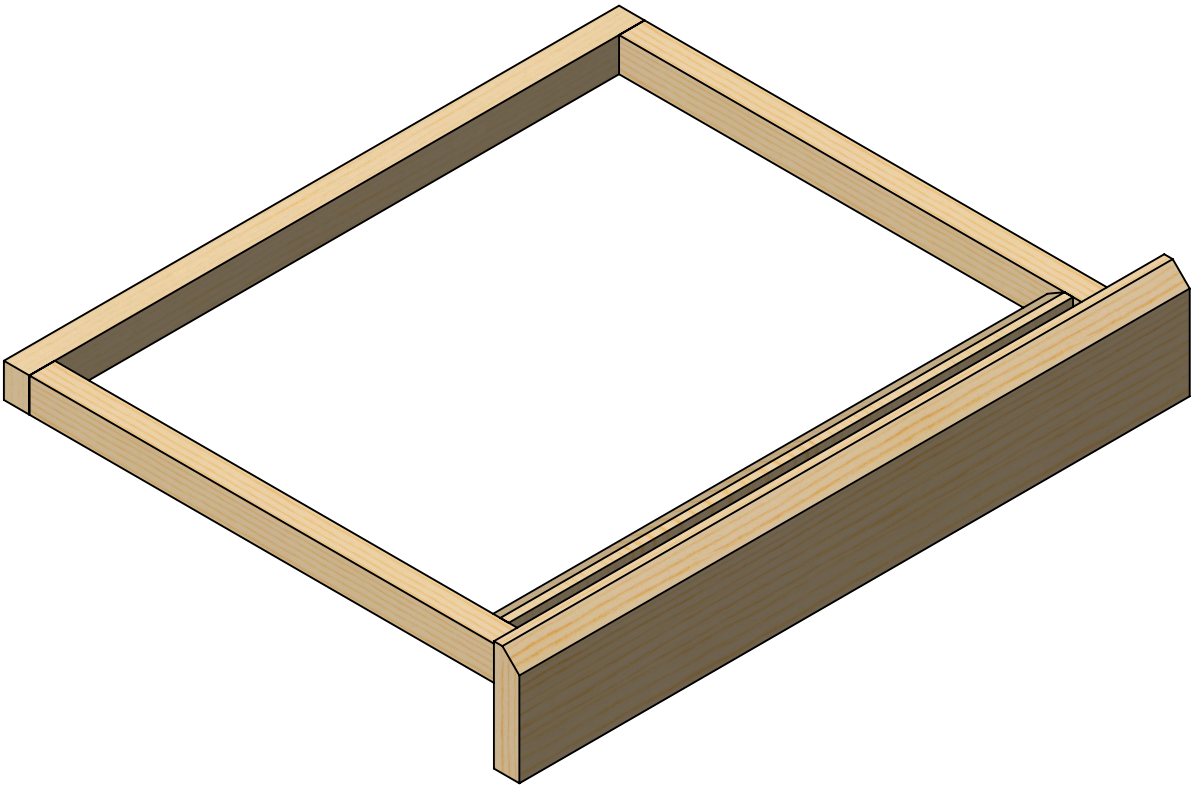
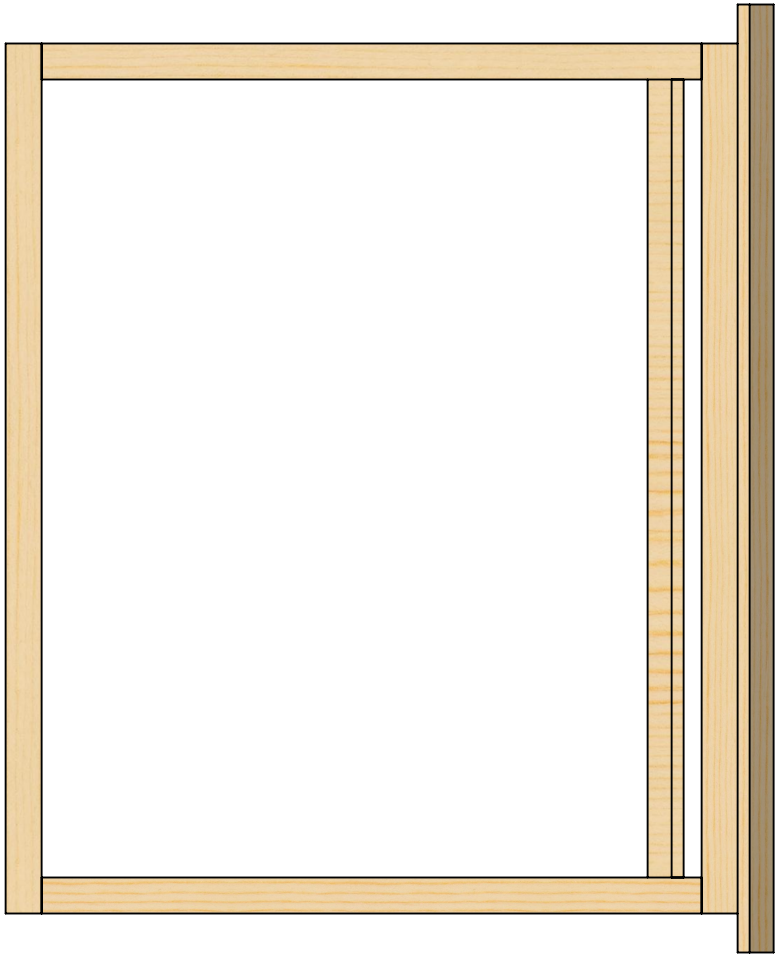
SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY	
PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.	
CUSTOMER BEE KEEPERS	
PROJECT HIVE PRODUCTS	
DRAWN BY F. FULKERSON	DATE 2022-03-23
CHECKED BY P.G. KELLY	DATE 2022-03-23
APPROVED P.G. KELLY	DATE 2022-03-23



HONEY BEE RESEARCH CENTRE
THE UNIVERSITY OF GUELPH

TITLE DRAWER		REVISION	
SIZE B	DRAWING NO.	10017_3_34 -	
SCALE 1:4	WEIGHT 4.009 lbs	SHEET 4 OF 12	



- NOTES:
- 1. GLUE AND CLAMP DRAWER RAIN STOP SQUARE.
 - 2. PREDRILL HOLES.
 - 3. ADD SCREWS.
 - 4. REMOVE ALL SHARP EDGES.



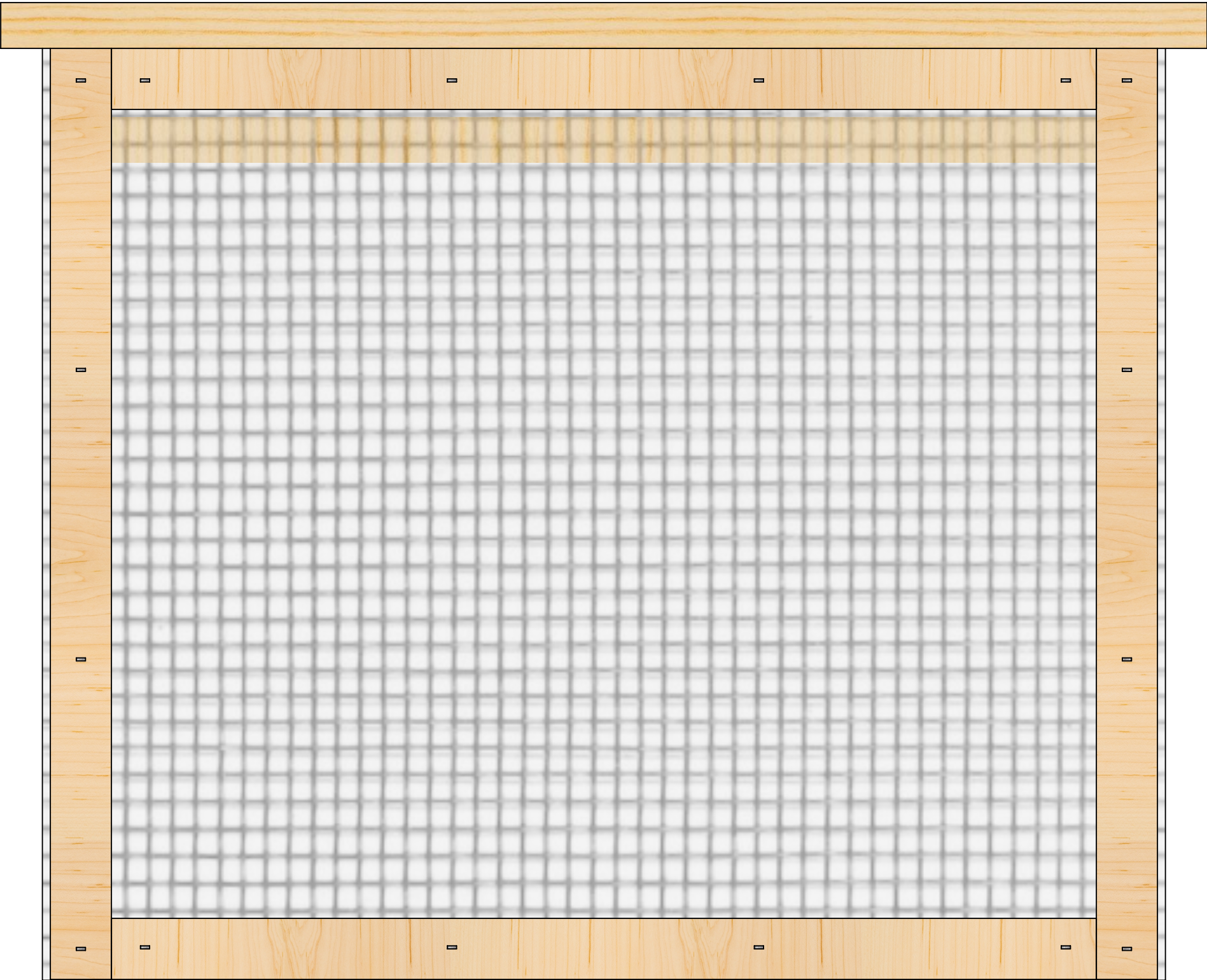
2 X $\phi 11/64 \nabla 3/4$
 $\phi 5/64 \nabla 1-1/4$
✓ $\phi 3/8 \times 82^\circ$



10018_34	01	DRAWER
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 CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY</div>		<div></div> <div>HONEY BEE RESEARCH CENTRE THE UNIVERSITY OF GUELPH</div>		
		<div>PROPRIETARY</div> <div>NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT WRITTEN PERMISSION.</div>				
		<div>CUSTOMER</div> <div>BEE KEEPERS</div>				
		<div>PROJECT</div> <div>HIVE PRODUCTS</div>				
<div>THIRD ANGLE PROJECTION</div> <div></div>		<div>DRAWN BY</div> <div>F. FULKERSON</div>	<div>DATE</div> <div>2022-03-23</div>	<div>SIZE</div> <div>B</div>	<div>DRAWING NO</div> <div>10017_3_34</div>	<div>REVISION</div> <div>-</div>
		<div>CHECKED BY</div> <div>P.G. KELLY</div>	<div>DATE</div> <div>2022-03-23</div>	<div>SCALE</div> <div>1:4</div>	<div>WEIGHT</div> <div>1.498 lbs</div>	<div>SHEET 5 OF 12</div>
		<div>APPROVED</div> <div>P.G. KELLY</div>	<div>DATE</div> <div>2022-03-23</div>			

- NOTES:
- 1. STAPLE SCREEN.
 - 2. ADD PLYWOOD STRIPS AND STAPLE.
 - 3. FINISH: NONE.
 - 4. REMOVE ALL SHARP EDGES.



10018_34	01	DRAWER
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 2022-03-23
CHECKED BY P.G. KELLY	DATE 2022-03-23
APPROVED P.G. KELLY	DATE 2022-03-23

HONEY BEE RESEARCH CENTRE
THE UNIVERSITY OF GUELPH

TITLE

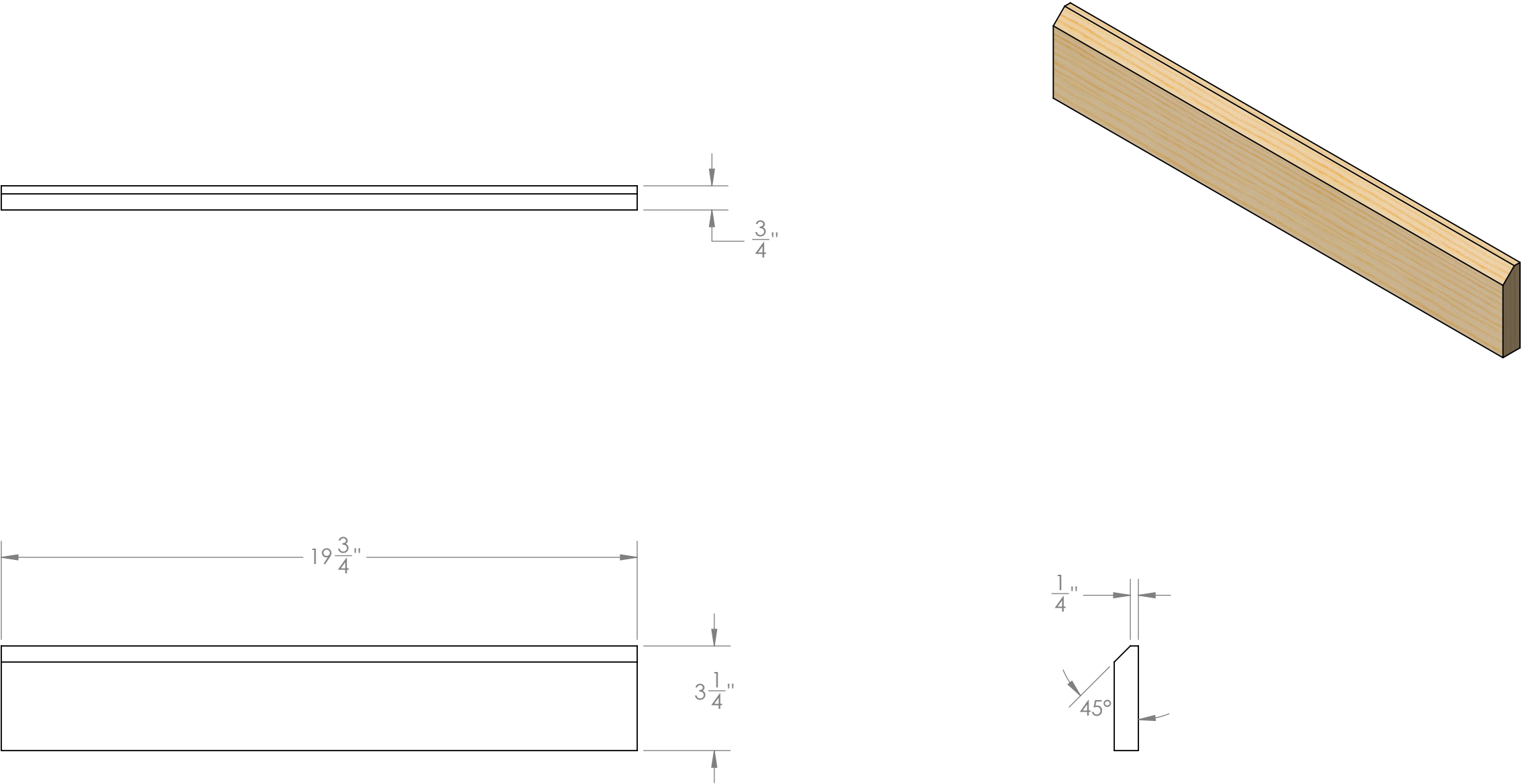
DRAWER

SIZE	DRAWING NO	REVISION
B		
SCALE	1:2	WEIGHT 4.009 lbs

10017_3_34 -

SHEET 6 OF 12

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



1061_34	-	Drawer Front
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 2022-03-23
CHECKED BY P.G. KELLY	DATE 2022-03-23
APPROVED P.G. KELLY	DATE 2022-03-23

HONEY BEE RESEARCH CENTRE
THE UNIVERSITY OF GUELPH

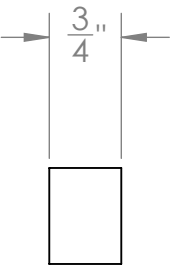
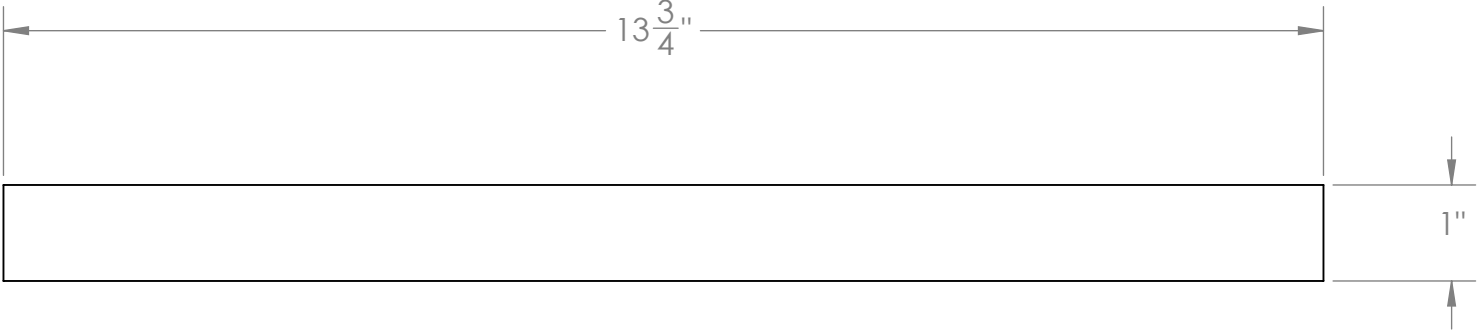
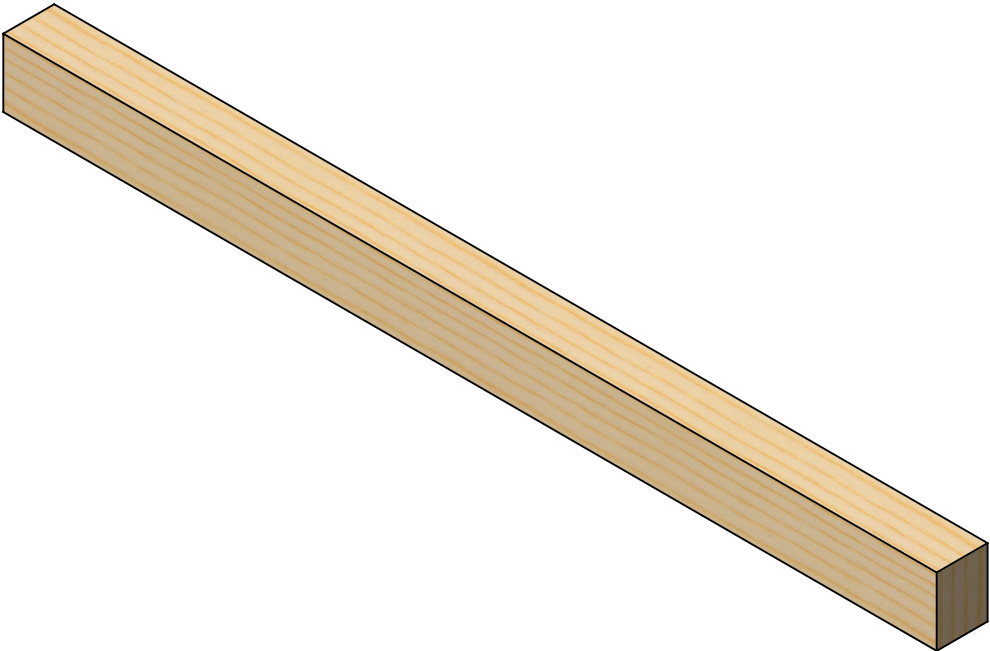
TITLE

Drawer Front

SIZE	DRAWING NO	REVISION
B		10017_3_34 -
SCALE	1:4	WEIGHT 0.561 lbs

SHEET 7 OF 12

- NOTES:
- 1. MATERIAL: Pine
 - 2. FINISH: NONE
 - 3. REMOVE ALL SHARP EDGES
 - 4. 2 PCS REQ'D



1062_34	-	Drawer Top Side
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 2022-03-23
CHECKED BY P.G. KELLY	DATE 2022-03-23
APPROVED P.G. KELLY	DATE 2022-03-23

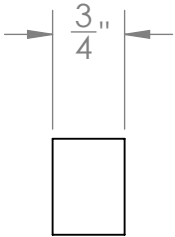
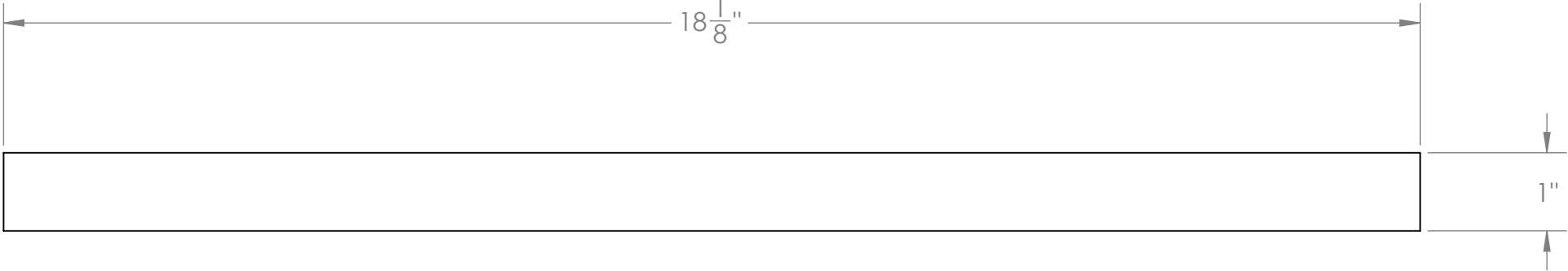
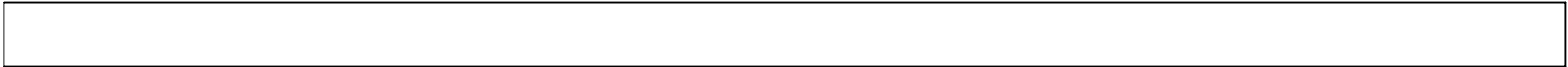
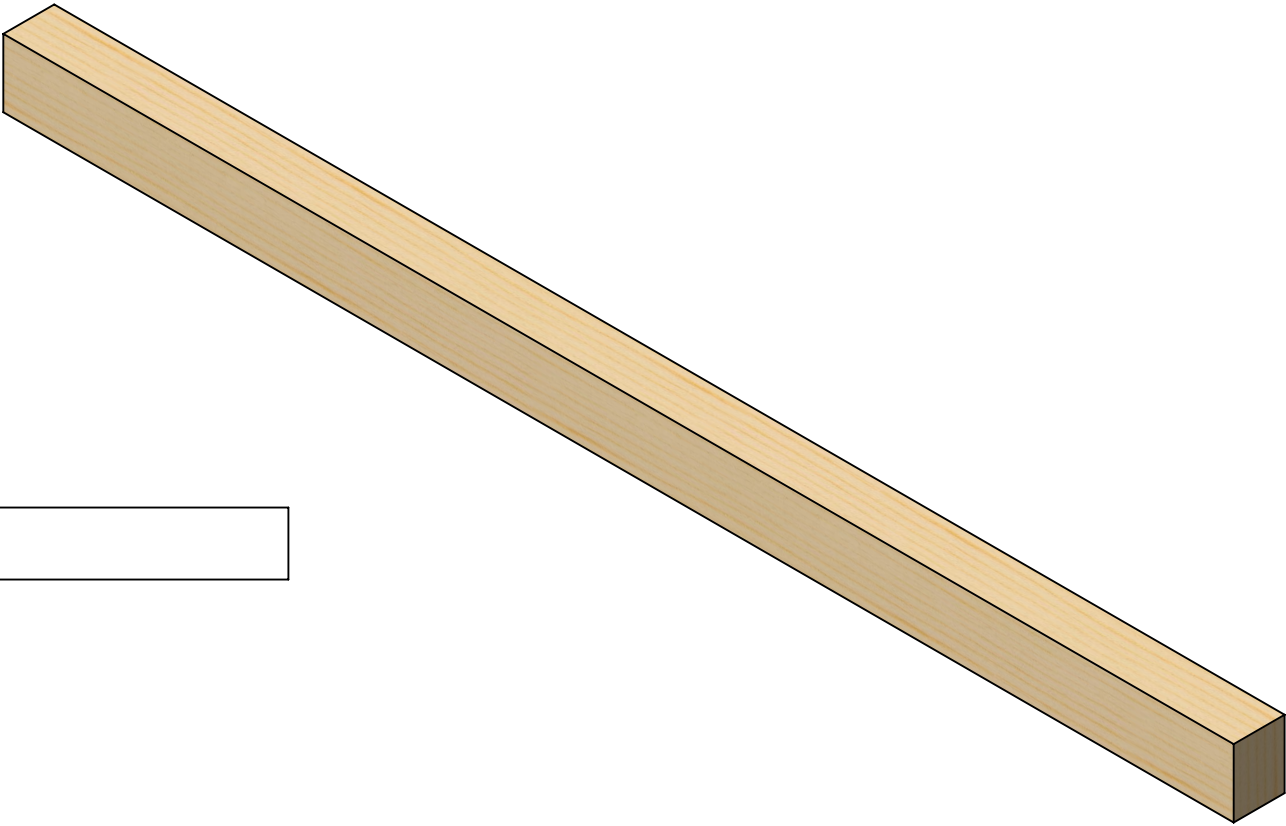
HONEY BEE RESEARCH CENTRE
THE UNIVERSITY OF GUELPH

TITLE

Drawer Top Side

SIZE B	DRAWING NO	REVISION
SCALE 1:2	WEIGHT 0.127 lbs	10017_3_34 - SHEET 8 OF 12

- NOTES:
- 1. MATERIAL: Pine
 - 2. FINISH: NONE
 - 3. REMOVE ALL SHARP EDGES
 - 4. 2 PCS REQ'D



1063_34	-	Drawer Top 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

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

2022-03-23

CHECKED BY

P.G. KELLY

DATE

2022-03-23

APPROVED

P.G. KELLY

DATE

2022-03-23

HONEY BEE RESEARCH CENTRE
THE UNIVERSITY OF GUELPH

TITLE

Drawer Top Back

SIZE

DRAWING NO

B

10017_3_34

SCALE

1:2

WEIGHT

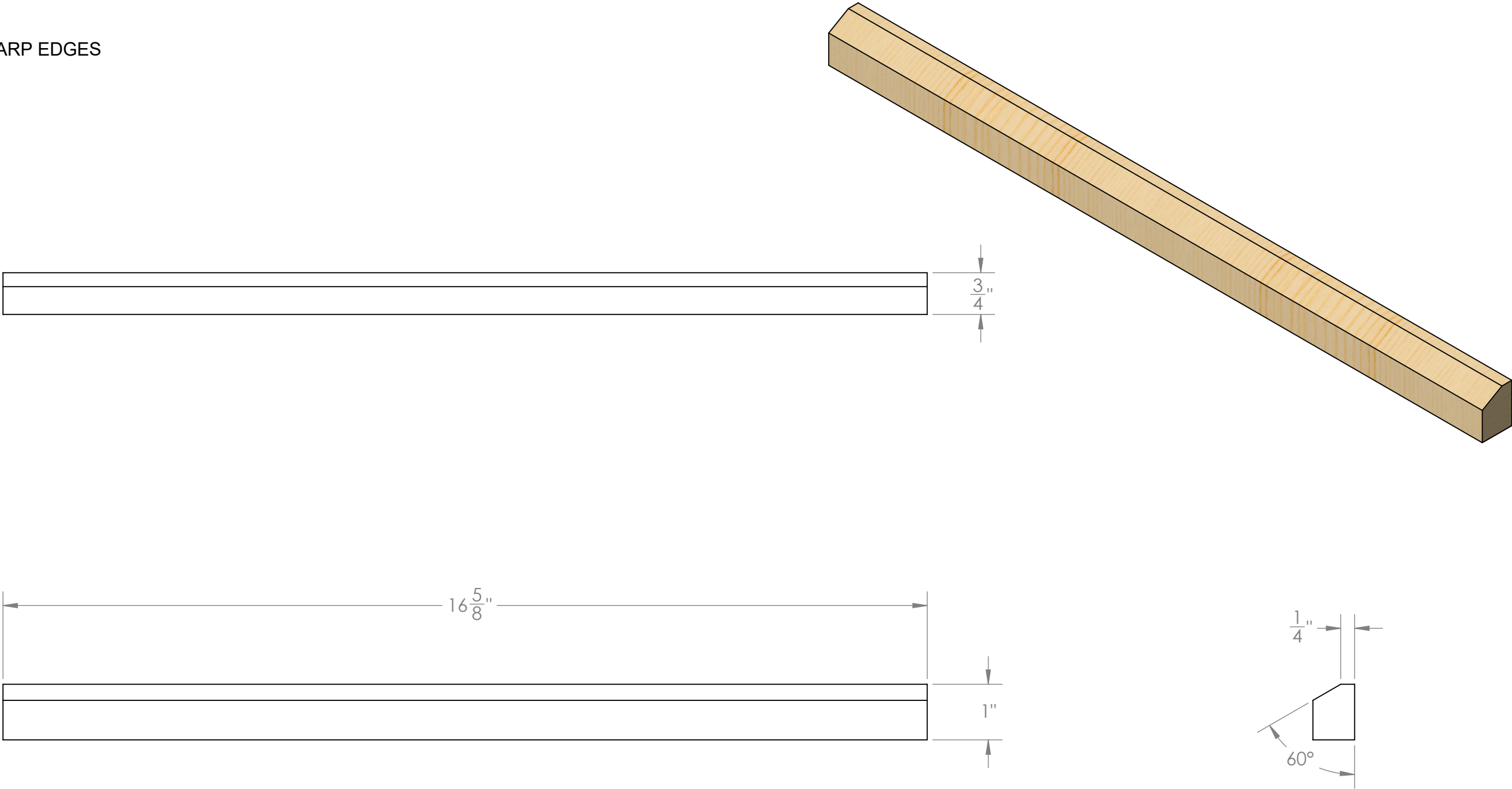
0.167 lbs

REVISION

-

SHEET 9 OF 12

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



1067_34	-	Drawer Rain Stop
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

2022-03-23

CHECKED BY

P.G. KELLY

DATE

2022-03-23

APPROVED

P.G. KELLY

DATE

2022-03-23

HONEY BEE RESEARCH CENTRE

THE UNIVERSITY OF GUELPH

TITLE

Drawer Rain Stop

SIZE

DRAWING NO

10017_3_34

REVISION

-

SCALE

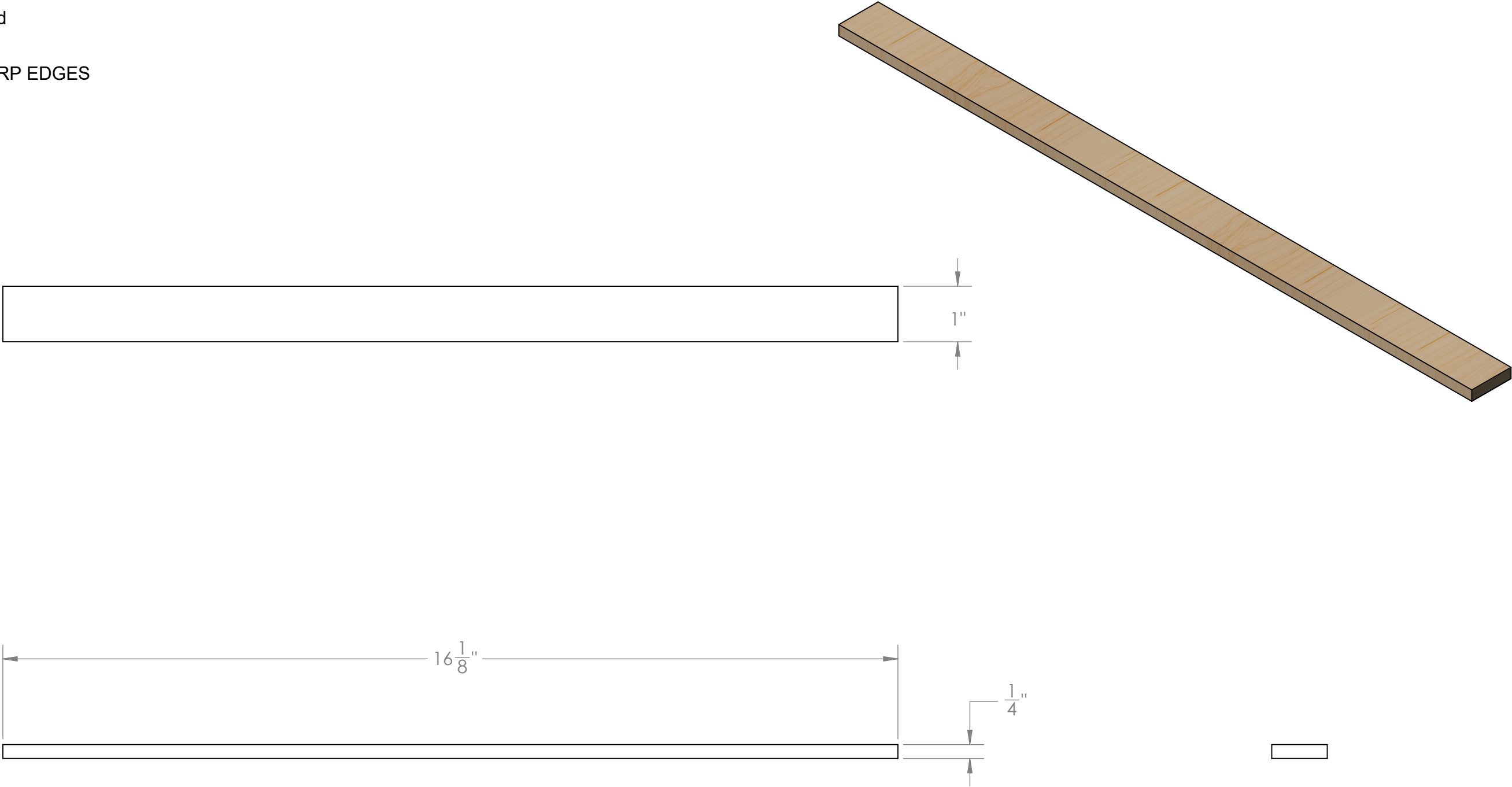
1:2

WEIGHT

0.138 lbs

SHEET 10 OF 12

- NOTES:
- 1. MATERIAL: Plywood
 - 2. 2 PCS REQ'D
 - 3. FINISH: NONE
 - 4. REMOVE ALL SHARP EDGES



1066_34	-	Drawer Bottom End
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

2022-03-23

CHECKED BY

P.G. KELLY

DATE

2022-03-23

APPROVED

P.G. KELLY

DATE

2022-03-23

HONEY BEE RESEARCH CENTRE

THE UNIVERSITY OF GUELPH

TITLE

Drawer Bottom End

SIZE

DRAWING NO

10017_3_34

REVISION

-

SCALE

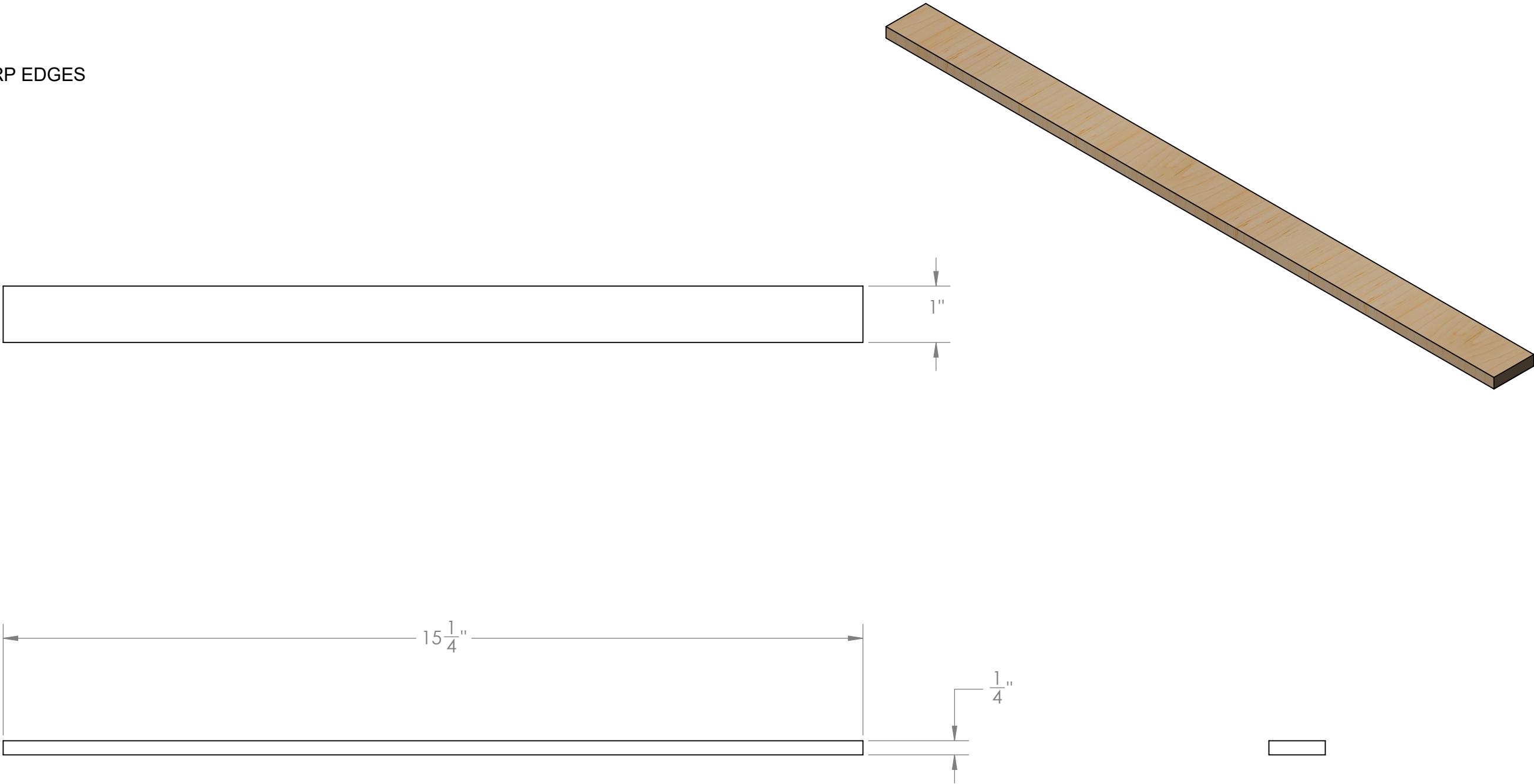
1:2

WEIGHT

0.050 lbs

SHEET 11 OF 12

- NOTES:
- 1. MATERIAL: Plywood
 - 2. 2 PCS REQ'D
 - 3. FINISH: NONE
 - 4. REMOVE ALL SHARP EDGES



1065_34	-	Drawer Bottom Side
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 2022-03-23
CHECKED BY P.G. KELLY	DATE 2022-03-23
APPROVED P.G. KELLY	DATE 2022-03-23

HONEY BEE RESEARCH CENTRE
THE UNIVERSITY OF GUELPH

TITLE

Drawer Bottom Side

SIZE	DRAWING NO		REVISION
B	10017_3_34		-
SCALE	1:2	WEIGHT	0.047 lbs
SHEET 12 OF 12			