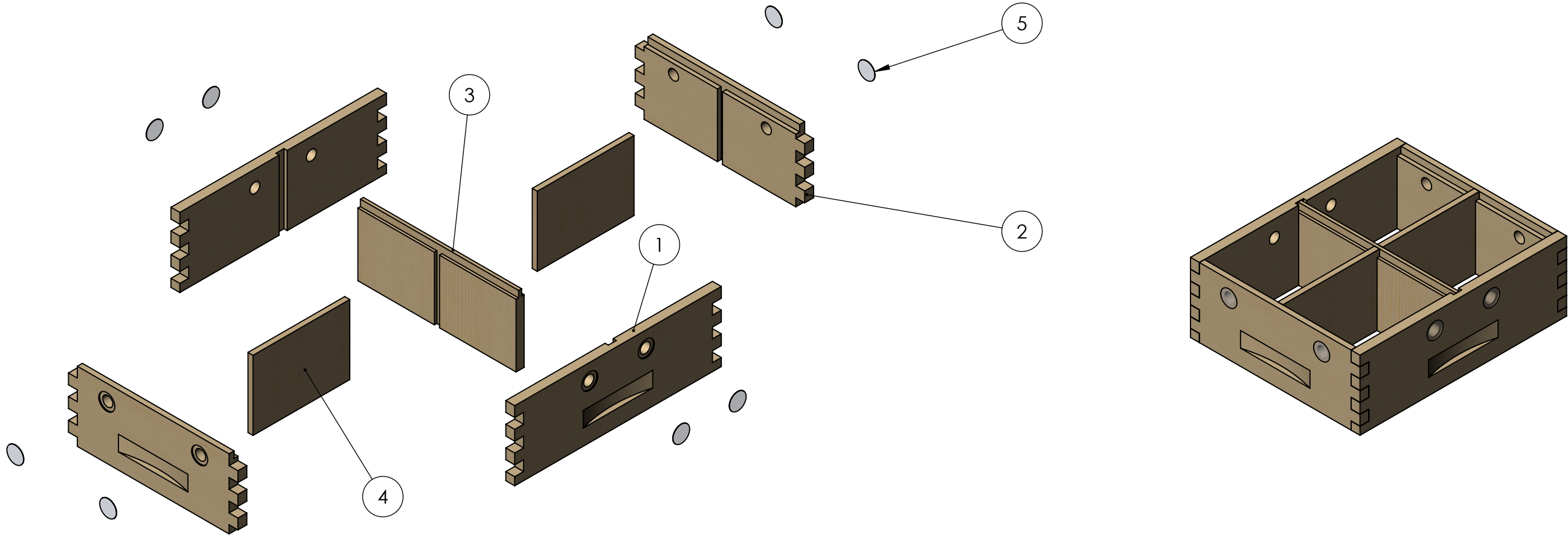


- NOTES:
- 1. ASSEMBLE ALL PARTS SQUARE.
  - 2. GLUE AND FASTEN.
  - 3. STAPLE ROUND SCREEN IN VENT HOLES.
  - 4. FINISH: PAINT.
  - 5. REMOVE ALL SHARP EDGES.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1142M	SIDES	2
2	1141M	FRONT/BACK	2
3	1143M	LONG CENTER	1
4	1144M	SHORT CENTER	2
5	10035SCREENM	ROUND SCREEN	8



10034M	-	FOUR WAY NUC BOX
PART NUMBER	REV	DESCRIPTION

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

THIRD ANGLE PROJECTION



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

PROPRIETARY

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CUSTOMER  
BEE KEEPERS

PROJECT  
HIVE PRODUCTS

DRAWN BY  
F. FULKERSON

DATE  
3/1/2024

CHECKED BY  
P.G. KELLY

DATE  
3/1/2024

APPROVED  
P.G. KELLY

DATE  
3/1/2024



HONEY BEE RESEARCH CENTRE  
THE UNIVERSITY OF GUELPH

TITLE

FOUR WAY NUC BOX

SIZE

B

DRAWING NO

SCALE

1:8

WEIGHT

2947.63 g

10034M

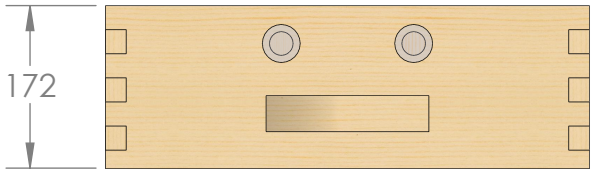
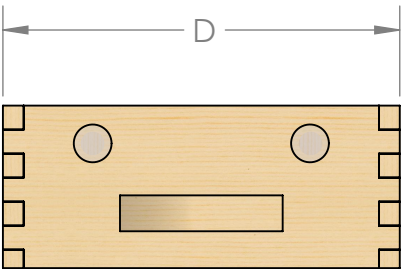
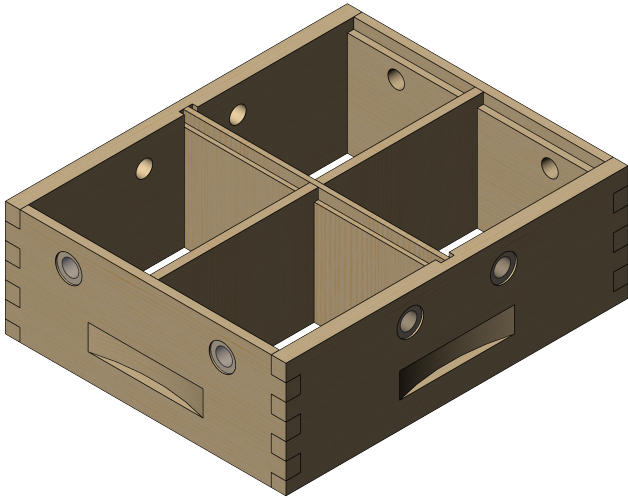
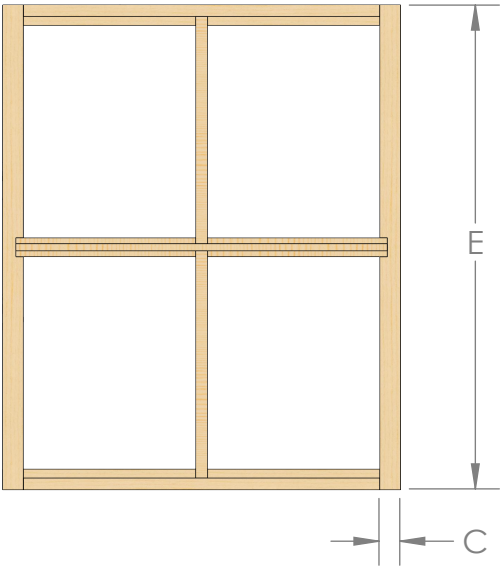
REVISION

-

SHEET 1 OF 6

- NOTES:
- 1. ASSEMBLE ALL PARTS SQUARE.
  - 2. GLUE AND FASTEN.
  - 3. STAPLE ROUND SCREEN IN VENT HOLES.
  - 4. FINISH: PAINT.
  - 5. REMOVE ALL SHARP EDGES.

FEATURE	C = 19 mm	C = 20 mm	C = 22 mm	c = 24 mm	C = 25 mm
D (mm)	414	416	420	424	426
E (mm)	506	508	512	516	518



10034M	-	FOUR WAY NUC BOX
PART NUMBER	REV	DESCRIPTION

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DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018

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THIRD ANGLE PROJECTION

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CUSTOMER  
BEE KEEPERS

PROJECT  
HIVE PRODUCTS

DRAWN BY F. FULKERSON	DATE 3/1/2024
CHECKED BY P.G. KELLY	DATE 3/1/2024
APPROVED P.G. KELLY	DATE 3/1/2024

HONEY BEE RESEARCH CENTRE  
THE UNIVERSITY OF GUELPH

TITLE

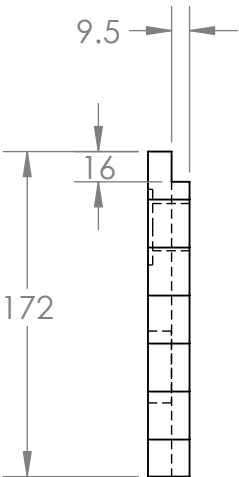
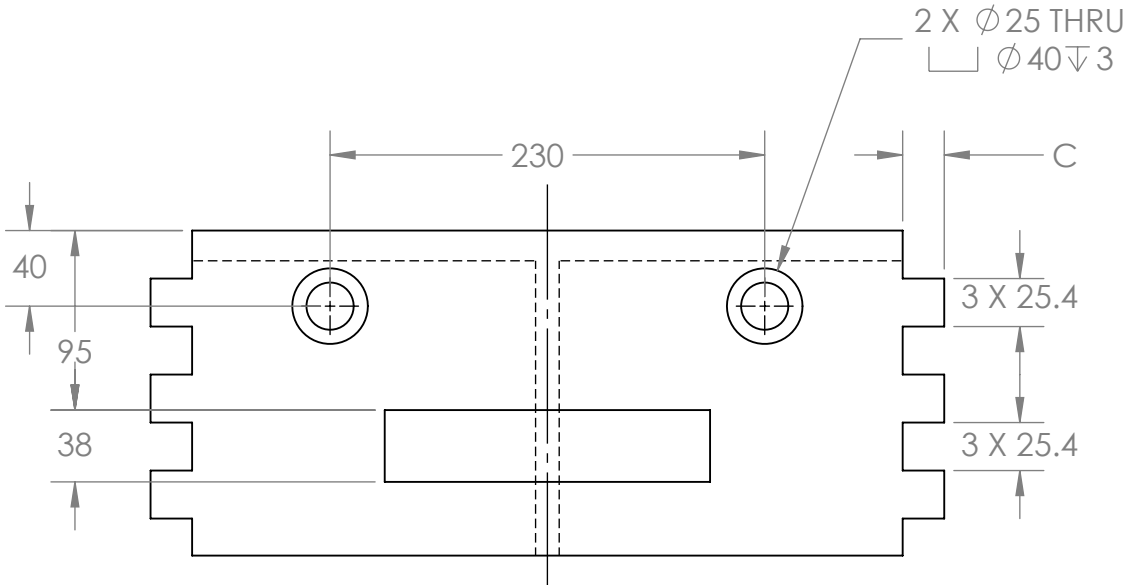
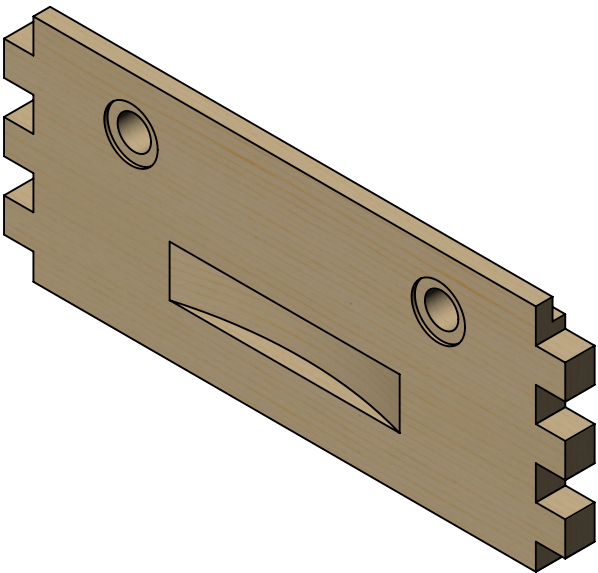
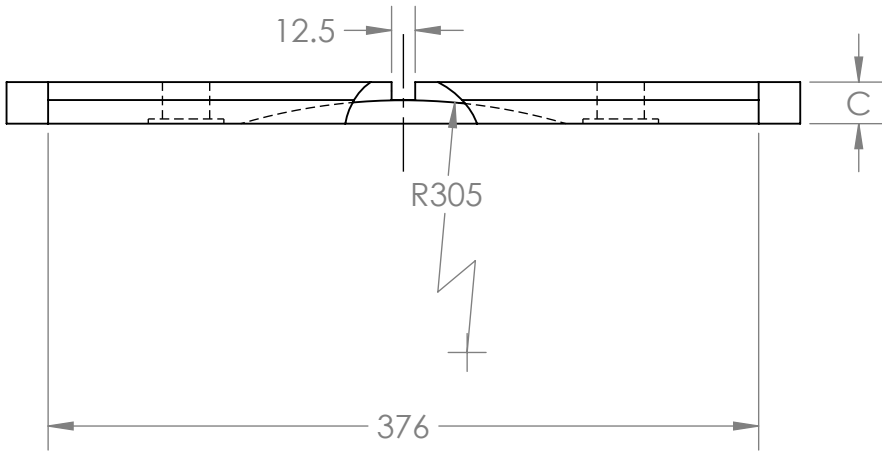
# FOUR WAY NUC BOX

SIZE <b>B</b>	DRAWING NO.	REVISION
SCALE 1:8	WEIGHT 2947.63 g	SHEET 2 OF 6

## 10034M

-

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



1141M	-	FRONT/BACK
PART NUMBER	REV	DESCRIPTION

UNLESS OTHERWISE SPECIFIED  
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DIMENSIONS ARE IN MILLIMETERS

THIRD ANGLE PROJECTION



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CUSTOMER  
BEE KEEPERS

PROJECT  
HIVE PRODUCTS

DRAWN BY  
F. FULKERSON

DATE  
3/1/2024

CHECKED BY  
P.G. KELLY

DATE  
3/1/2024

APPROVED  
P.G. KELLY

DATE  
3/1/2024



HONEY BEE RESEARCH CENTRE  
THE UNIVERSITY OF GUELPH

TITLE

FRONT/BACK

SIZE

B

DRAWING NO

SCALE

1:4

WEIGHT

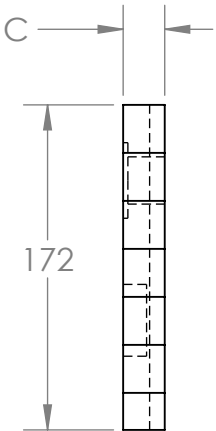
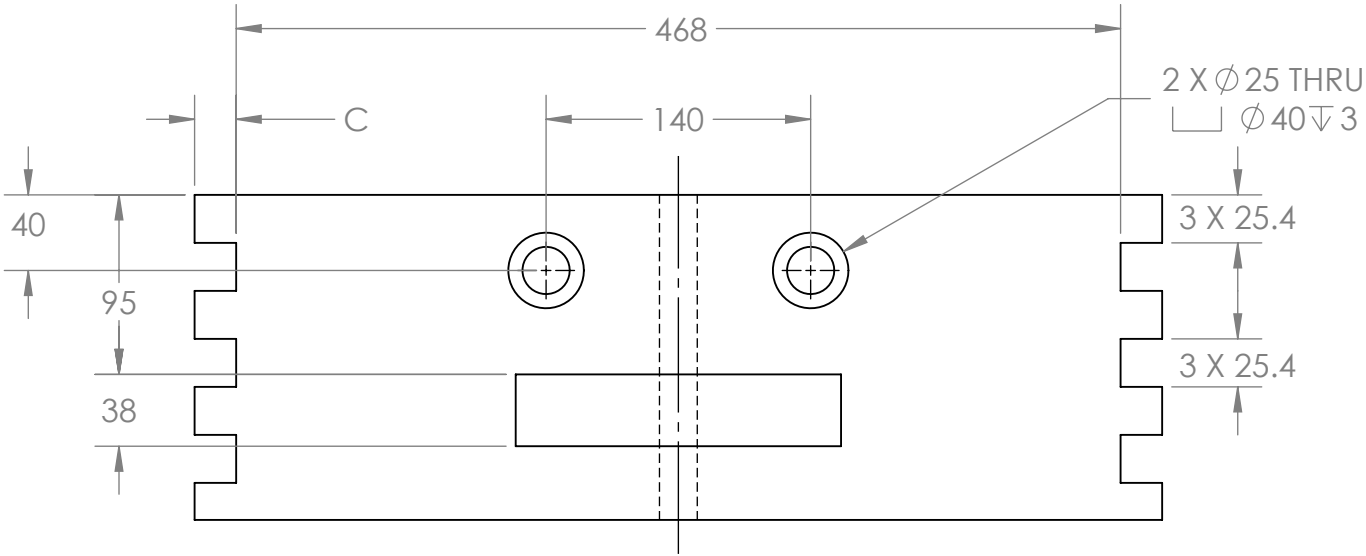
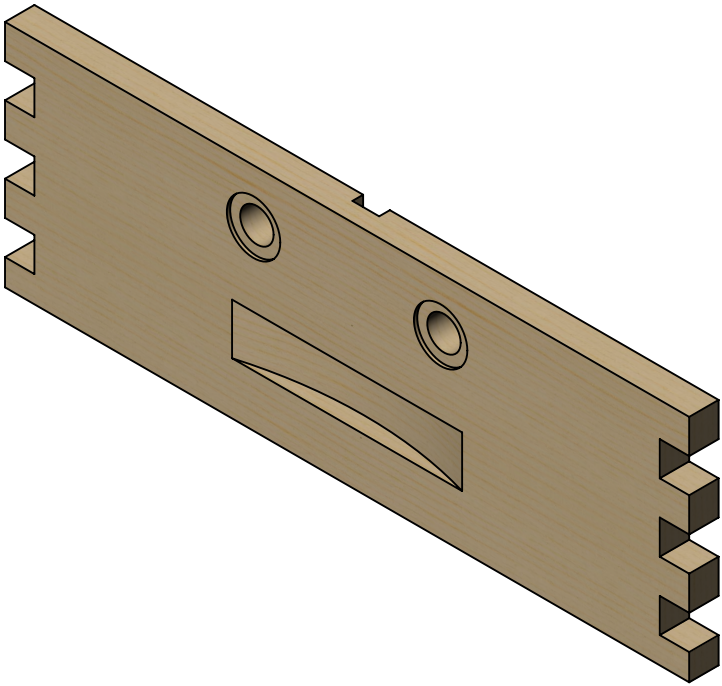
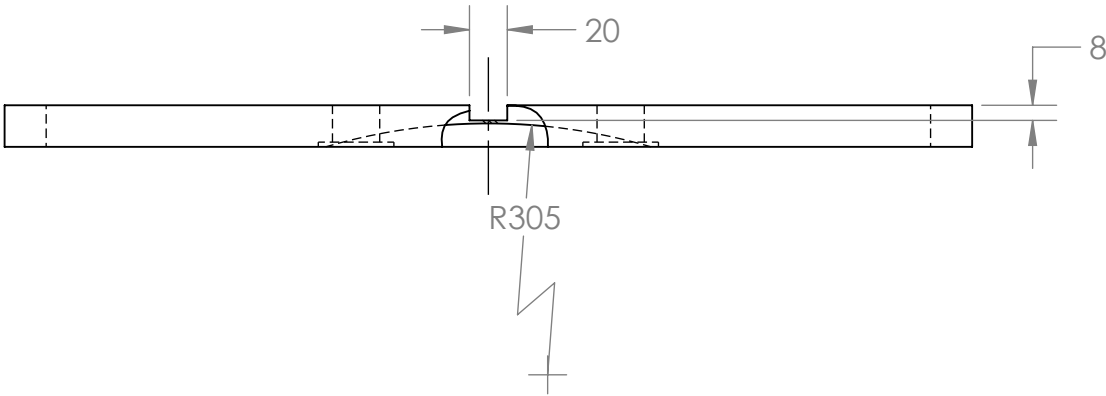
455.99 g

10034M -

REVISION

SHEET 3 OF 6

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



1142M	-	SIDES
PART NUMBER	REV	DESCRIPTION

UNLESS OTHERWISE SPECIFIED  
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THIRD ANGLE PROJECTION



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CUSTOMER  
BEE KEEPERS

PROJECT  
HIVE PRODUCTS

DRAWN BY  
F. FULKERSON

DATE  
3/1/2024

CHECKED BY  
P.G. KELLY

DATE  
3/1/2024

APPROVED  
P.G. KELLY

DATE  
3/1/2024



HONEY BEE RESEARCH CENTRE  
THE UNIVERSITY OF GUELPH

TITLE

SIDES

SIZE

DRAWING NO

B

SCALE

1:4

WEIGHT

597.17 g

10034M

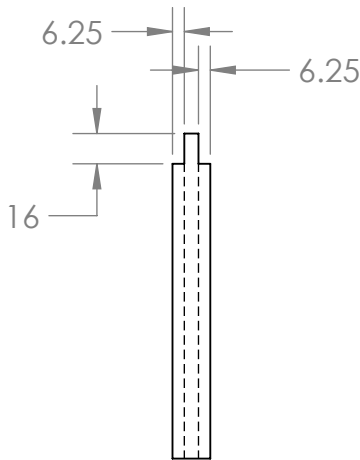
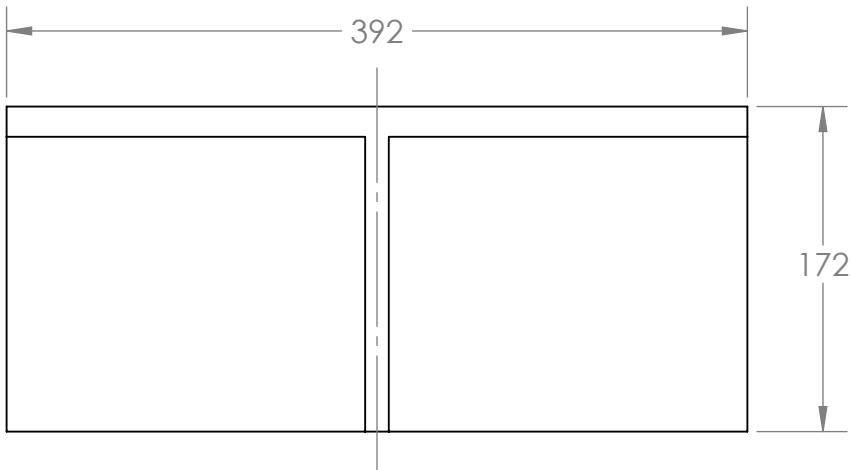
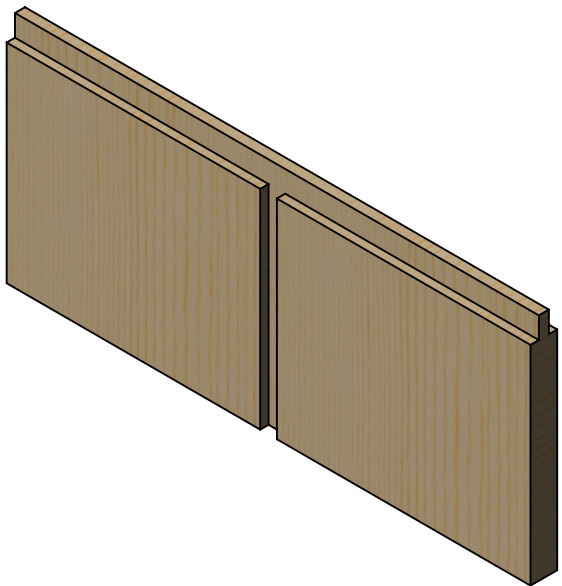
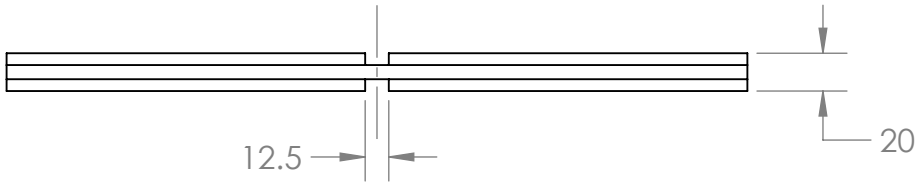
REVISION

-

SHEET 4 OF 6



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



1143M	-	LONG CENTER
PART NUMBER	REV	DESCRIPTION

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES 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 3/1/2024
CHECKED BY P.G. KELLY	DATE 3/1/2024
APPROVED P.G. KELLY	DATE 3/1/2024

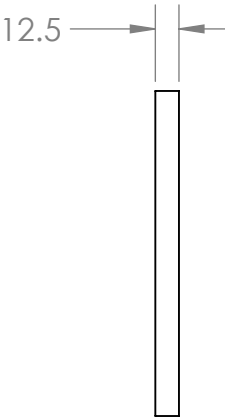
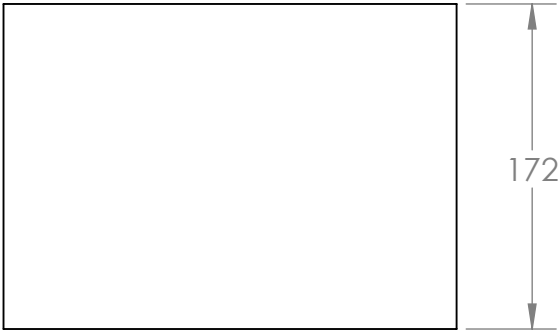
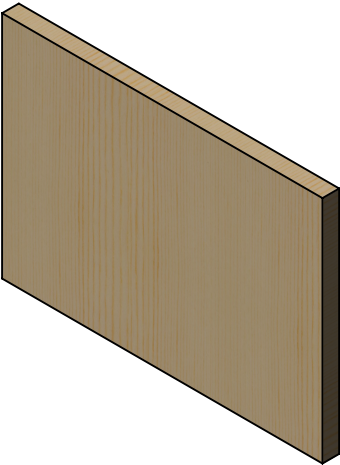
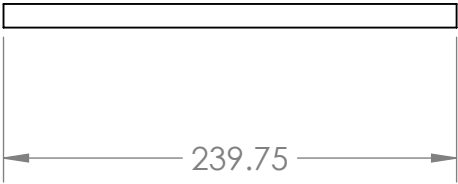
HONEY BEE RESEARCH CENTRE  
THE UNIVERSITY OF GUELPH

TITLE

**LONG CENTER**

SIZE	DRAWING NO	REVISION
<b>B</b>		<b>10034M -</b>
SCALE	1:4	WEIGHT 423.54 g
SHEET 5 OF 6		

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



1144M	-	SHORT CENTER
PART NUMBER	REV	DESCRIPTION

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

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THIRD ANGLE PROJECTION

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CUSTOMER

BEE KEEPERS

PROJECT

HIVE PRODUCTS

DRAWN BY

F. FULKERSON

DATE

3/1/2024

CHECKED BY

P.G. KELLY

DATE

3/1/2024

APPROVED

P.G. KELLY

DATE

3/1/2024

HONEY BEE RESEARCH CENTRE

THE UNIVERSITY OF GUELPH

TITLE

SHORT CENTER

SIZE

DRAWING NO

10034M

REVISION

-

SCALE

1:4

WEIGHT

175.26 g

SHEET 6 OF 6