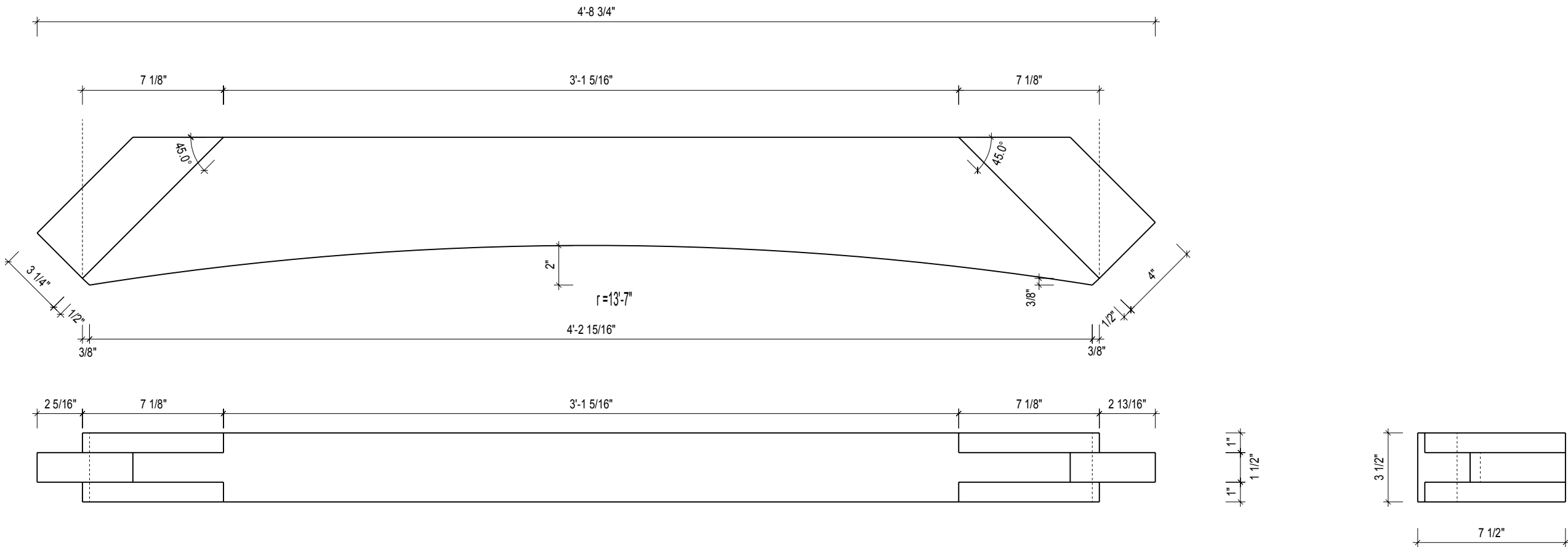
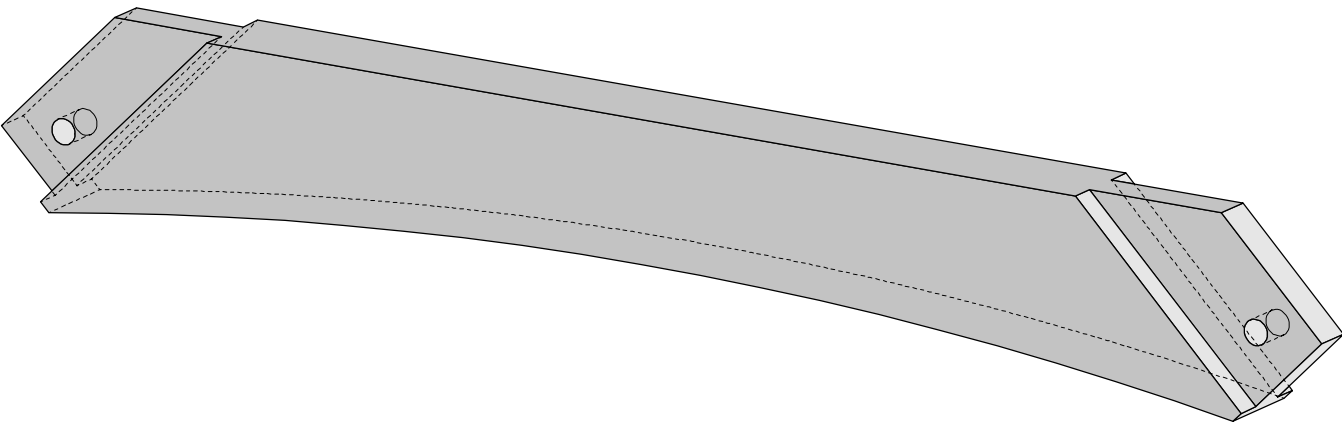


Prod: 1

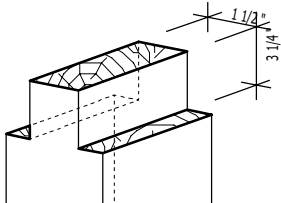


Knee Brace

Project name: 16x24 Shed Roof w Loft
Project number: -
Designer: -
Quantity: 14
Scale: 1:6
X-section: 3 1/2" x 7 1/2"
Length: 4'-8 3/4"
Material: Douglas fir
Name of 3d file: 16x24 Shed Roof w Loft (02613)

Tenon without backcuts (tenon 1)

1.5/3.25/.5-(1)1"

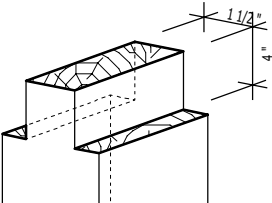


STICK DRAWING NOTES AND INSTRUCTIONS

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- AT THE BOTTOM OF THE SHEET ON THE LEFT AND RIGHT ARE THE ASSOCIATED END TYPES, IF APPLICABLE, TO BOTH THE RIGHT END OF THE STICK AND THE LEFT END OF THE STICK.
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Tenon without backcuts (tenon 1)

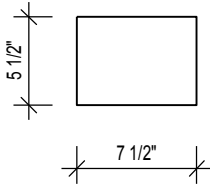
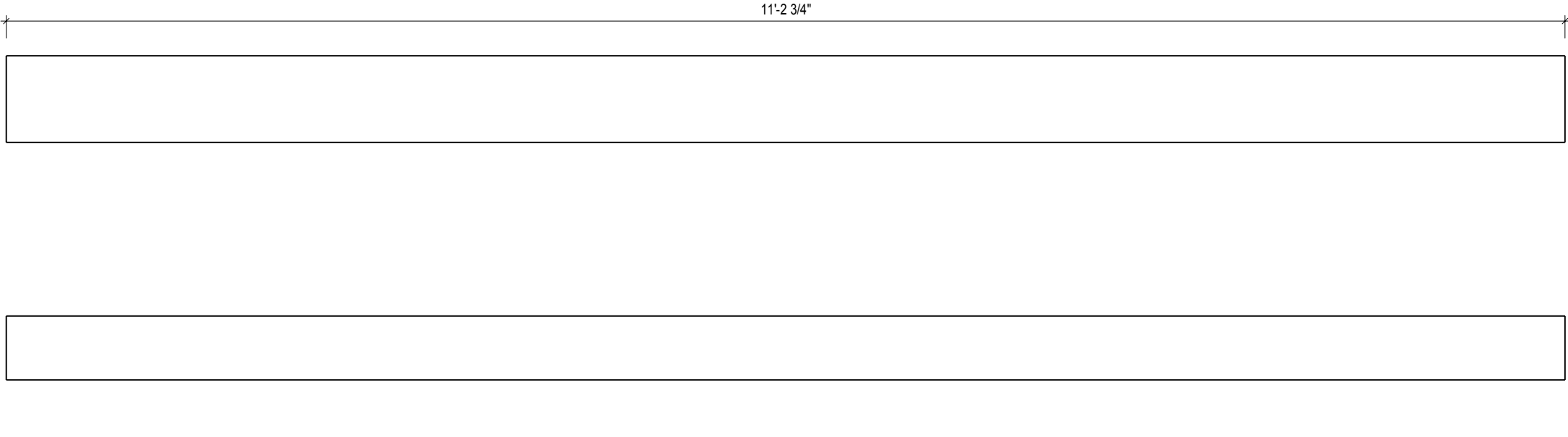
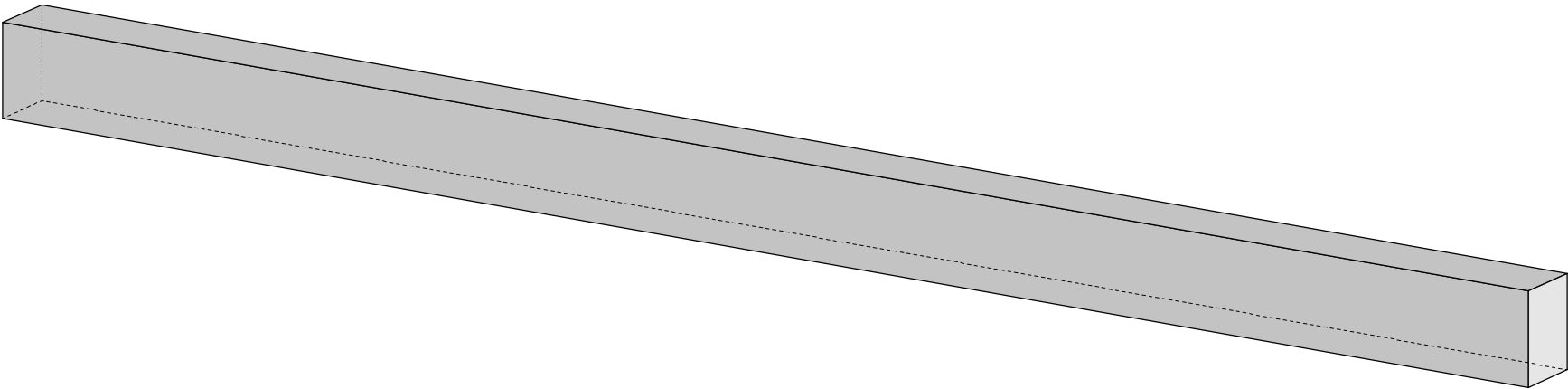
1.5/4/.5-(1)1"



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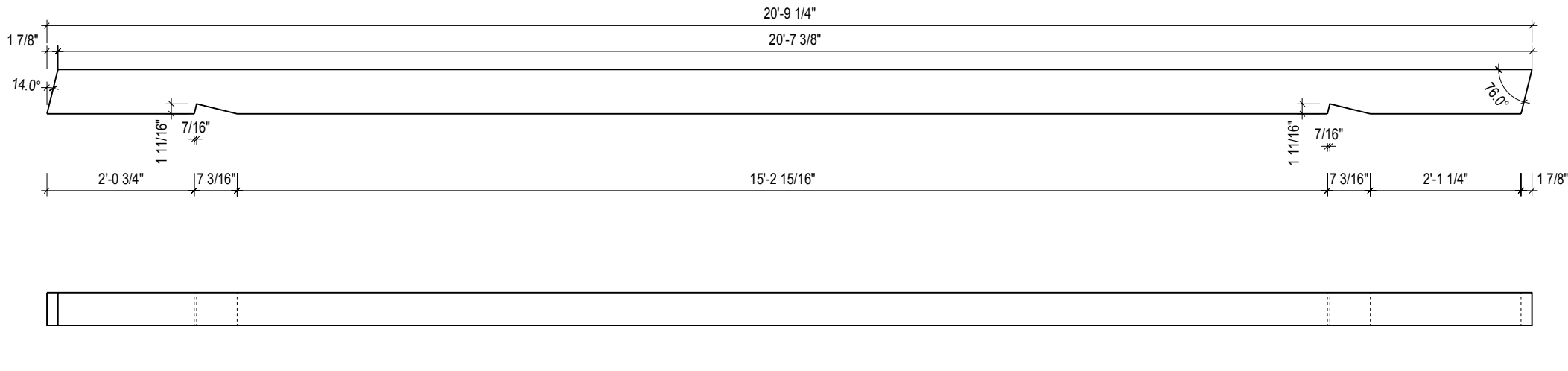
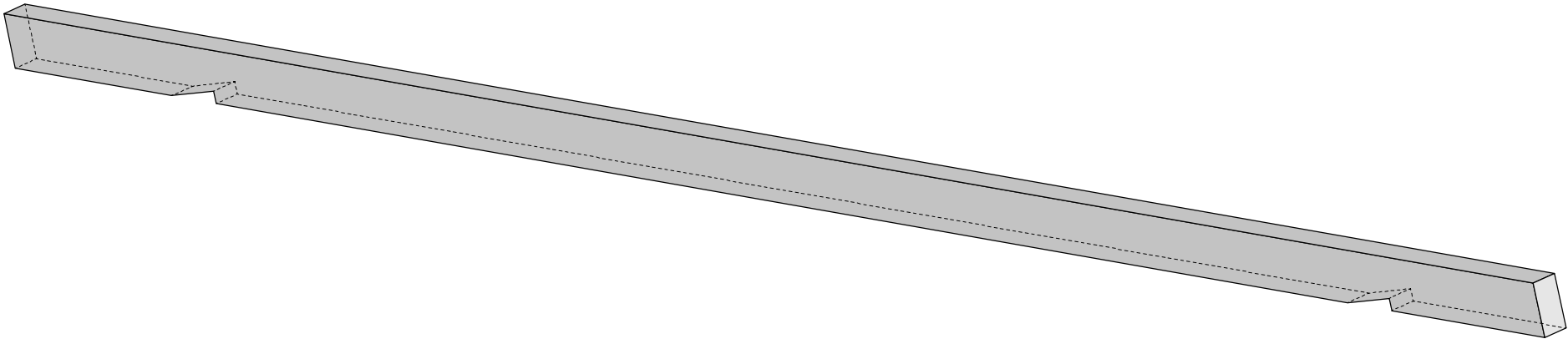
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Prod: 2



<div>BEAM</div> <div>Project name: 16x24 Shed Roof w Loft Project number: - Designer: -</div> <div>Quantity: 6</div> <div>Scale: 1:12</div> <div>X-section: 5 1/2" x 7 1/2" Length: 11'-2 3/4" Material: Douglas fir Name of 3d file: 16x24 Shed Roof w Loft (02613)</div>	<div>Lengthening</div> <div>1 Hsg</div> <div></div>	<div>STICK DRAWING NOTES AND INSTRUCTIONS</div> <div>- THESE STICK DRAWINGS ILLUSTRATE AN AXONOMETRIC VIEW OF THE ENTIRE MEMBER AT THE TOP OF THE SHEET. - AT THE BOTTOM OF THE SHEET ON THE LEFT AND RIGHT ARE THE ASSOCIATED END TYPES, IF APPLICABLE, TO BOTH THE RIGHT END OF THE STICK AND THE LEFT END OF THE STICK. - THE SHADING SHOWS THE PRIMARY FACE OF THE TIMBER IN EACH VIEW, DARKER SHADED AREAS SHOW A HOUSING OR OTHER PARALLEL FACET THAT IS DEEPER THAN THE PRIMARY FACE. - NOTICE THE SHADING IS OMITTED WHERE A MEMBER IS HOUSED INTO ANOTHER. FOR EXAMPLE, ON THE KNEEBRACES, THERE IS 1/2" OF THE FACE THAT IS NOT SHADED. THIS REPRESENTS THE PART OF THE BRACE THAT SITS INSIDE ANOTHER JOINING MEMBER. - IN THE MIDDLE OF THE SHEET IS THE STICK DRAWING SHOWING ALL 4 FACES OF THE TIMBER IF NECESSARY. ON SIMPLE STICKS, THERE MIGHT ONLY BE 2 VIEWS SHOWN. - SOME OF THE STICK DRAWING VIEWS WILL BE SHORTENED TO SHOW IN MORE DETAIL THE JOINERY AREAS OF THE STICK. MEASUREMENTS THAT ARE UNDERLINED REPRESENT LENGTHS THAT BRIDGE THESE SHORTENED VIEWS. THE BREAK LINES SHOW WHERE THE PIECE HAS BEEN SHORTENED FOR VISUAL CLARITY. - PEG HOLES ARE NEVER DIMENSIONED ON TENONS. AFTER FITTING UP THE PIECES THE TENONS CAN BE DRILLED BY USING THE CORRESPONDING MORITSE HOLES TO LOCATE THEM PROPERLY. - END TYPES ON THE LEFT AND RIGHT SHOW THE ADDED DIMENSIONS OF THE JOINERY TO BE LAID OUT.</div>	<div>Lengthening</div> <div>1 Hsg</div> <div></div>	<div>Copyright 2021. Timber Frame HQ. Reproduction and/or use without written permission is prohibited. These are Design Only plans, unless sealed by a State Licensed Professional Engineer. TFHQ assumes no responsibility and does not warrant these plans.</div> <div><div>TIMBERFRAME HEADQUARTERS PO Box 133 Mountain Rest, SC 29664 888.552.9379 design@timberframehq.com</div></div>
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Prod: 3



Common Rafter

Project name: 16x24 Shed Roof w Loft
Project number: -
Designer: -

Quantity: 10

Scale: 1:24

X-section: 5 1/2" x 7 1/2"
Length: 20'-9 1/4"
Material: Douglas fir
Name of 3d file: 16x24 Shed Roof w Loft (02613)

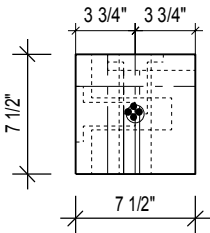
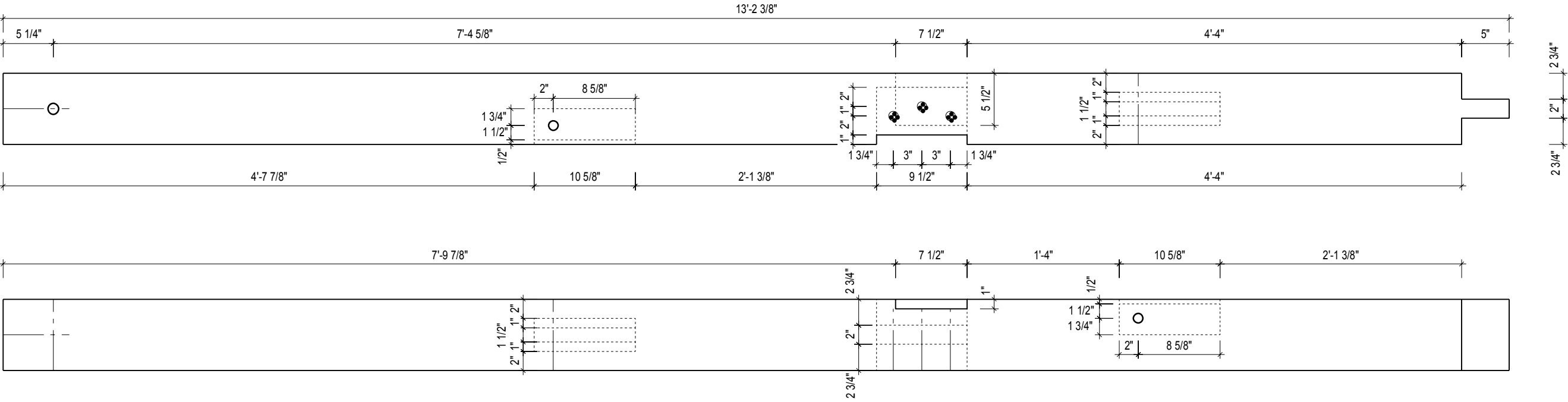
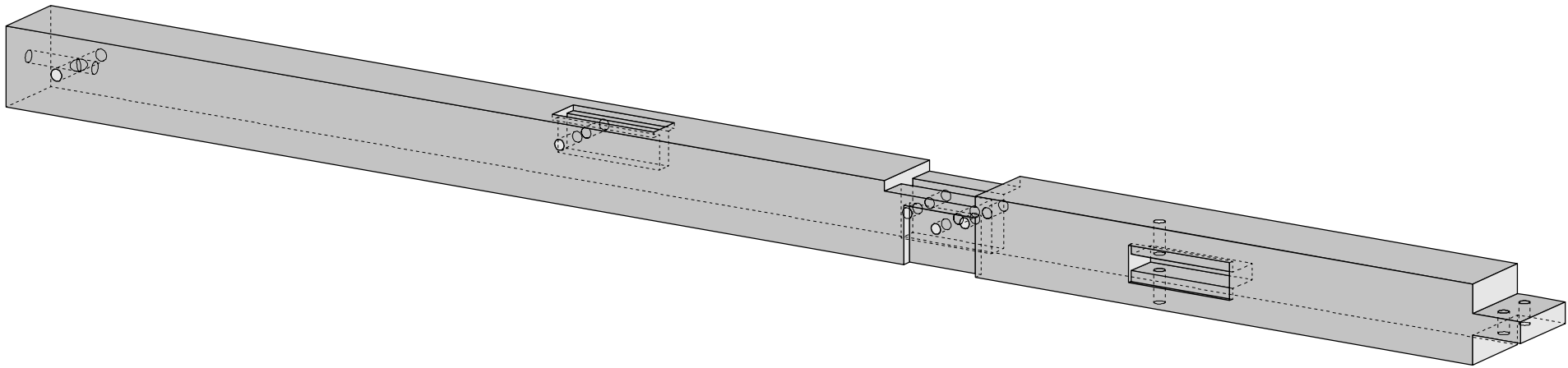
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Short Post

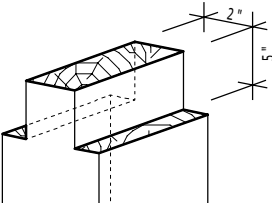
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Project number: -
Designer: -
Quantity: 1
Scale: 1:12
X-section: 7 1/2" x 7 1/2"
Length: 13'-2 5/16"
Material: Douglas fir
Name of 3d file: 16x24 Shed Roof w Loft (02613)

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Tenon without backcuts (tenon 1)

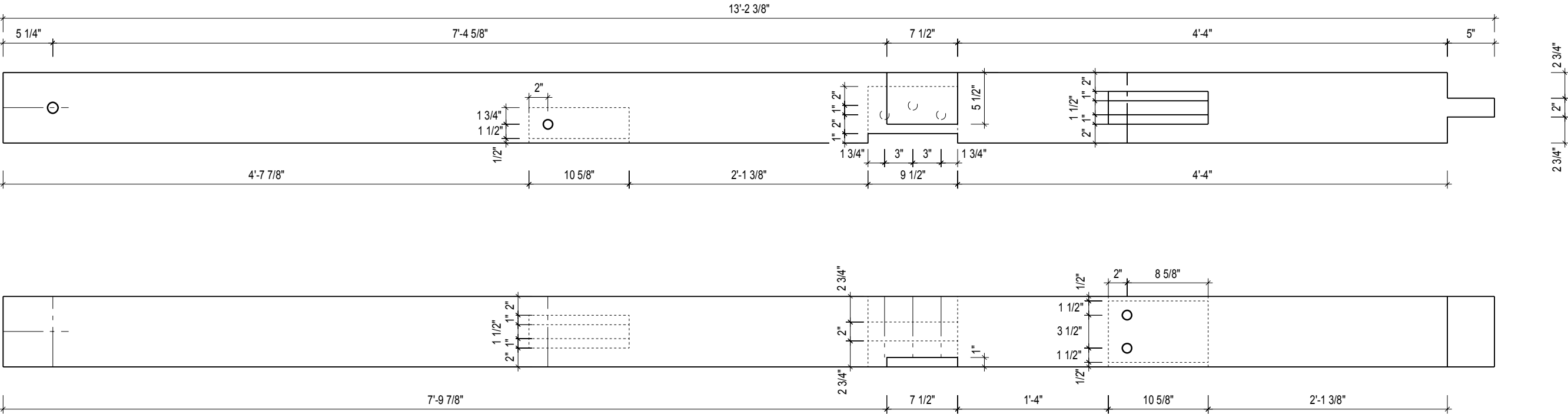
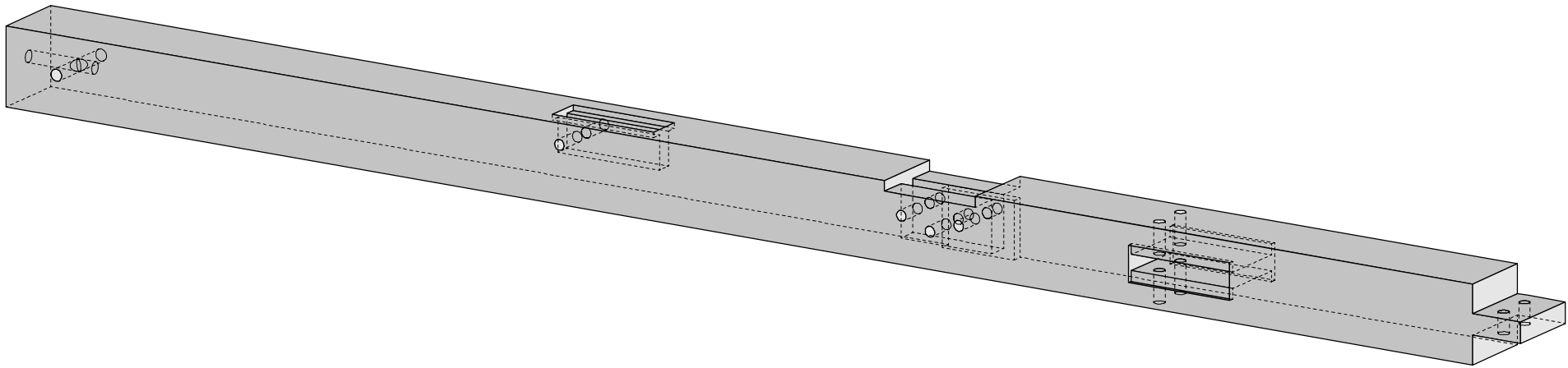
2/5/-(2)1"



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Short Post

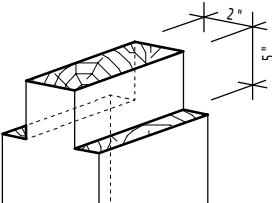
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Project number: -
Designer: -
Quantity: 1
Scale: 1:12
X-section: 7 1/2" x 7 1/2"
Length: 13'-2 5/16"
Material: Douglas fir
Name of 3d file: 16x24 Shed Roof w Loft (02613)

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Tenon without backcuts (tenon 1)

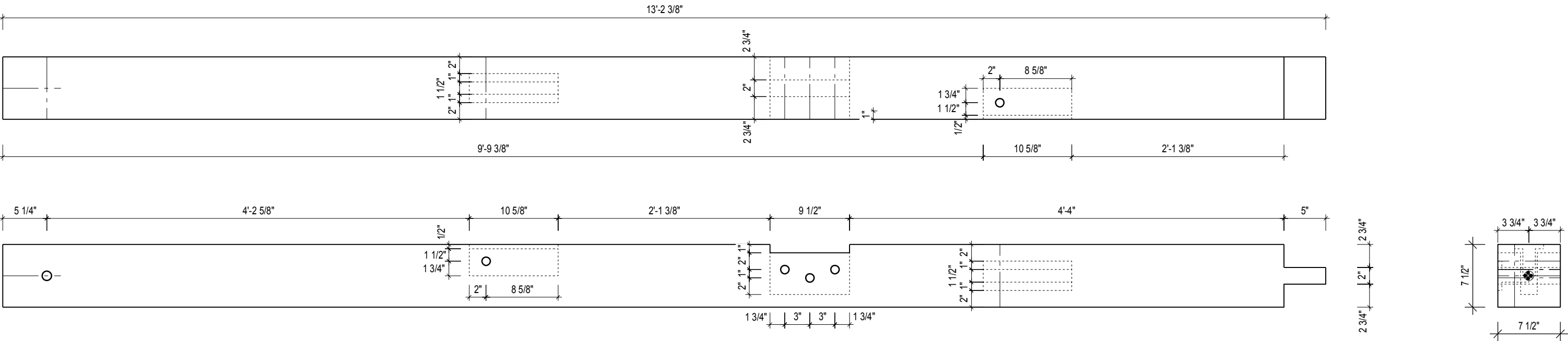
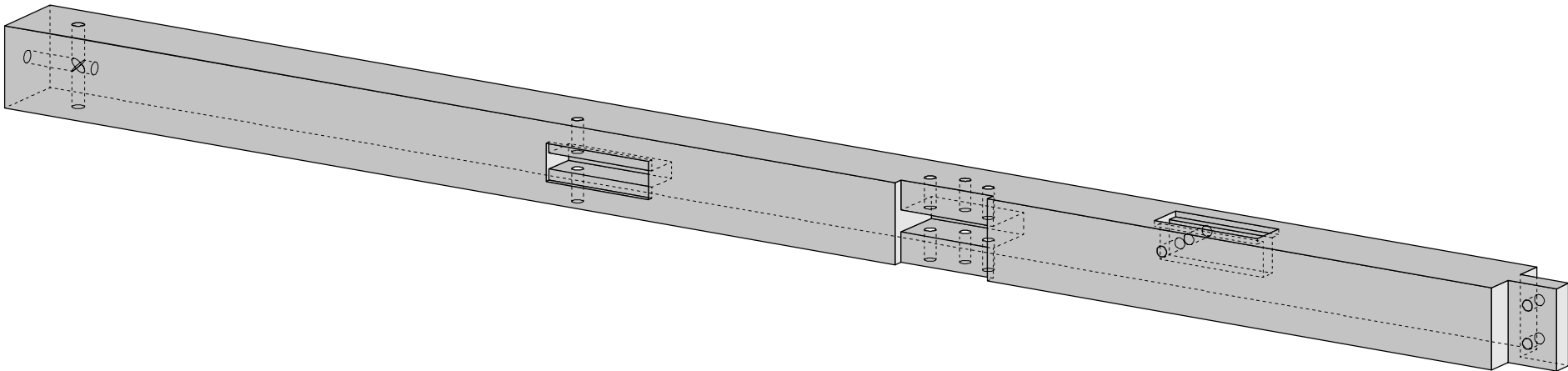
2/5/-(2)1"



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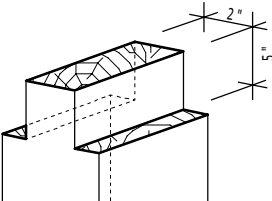
Project name: 16x24 Shed Roof w Loft
Project number: -
Designer: -
Quantity: 1
Scale: 1:12
X-section: 7 1/2" x 7 1/2"
Length: 13'-2 5/16"
Material: Douglas fir
Name of 3d file: 16x24 Shed Roof w Loft (02613)

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Tenon without backcuts (tenon 1)

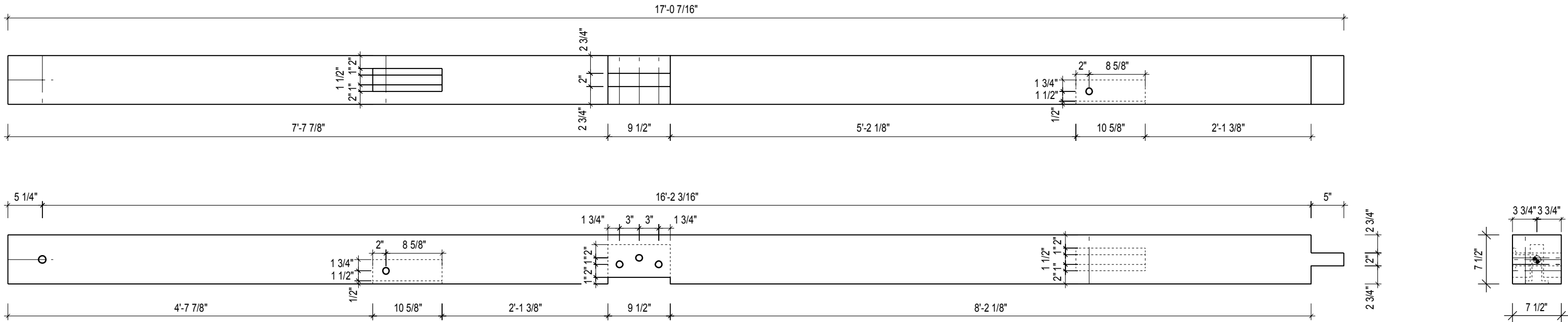
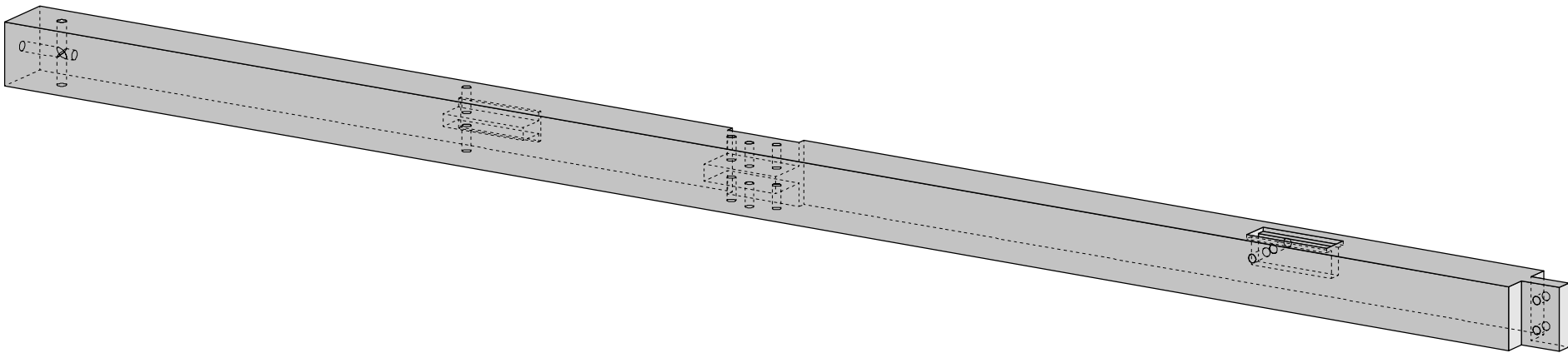
2/5/-(2)1"



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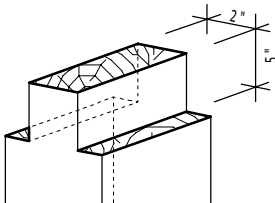
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Project number: -
Designer: -
Quantity: 1
Scale: 1:16
X-section: 7 1/2" x 7 1/2"
Length: 17'-0 7/16"
Material: Douglas fir
Name of 3d file: 16x24 Shed Roof w Loft (02613)

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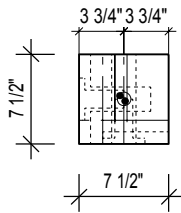
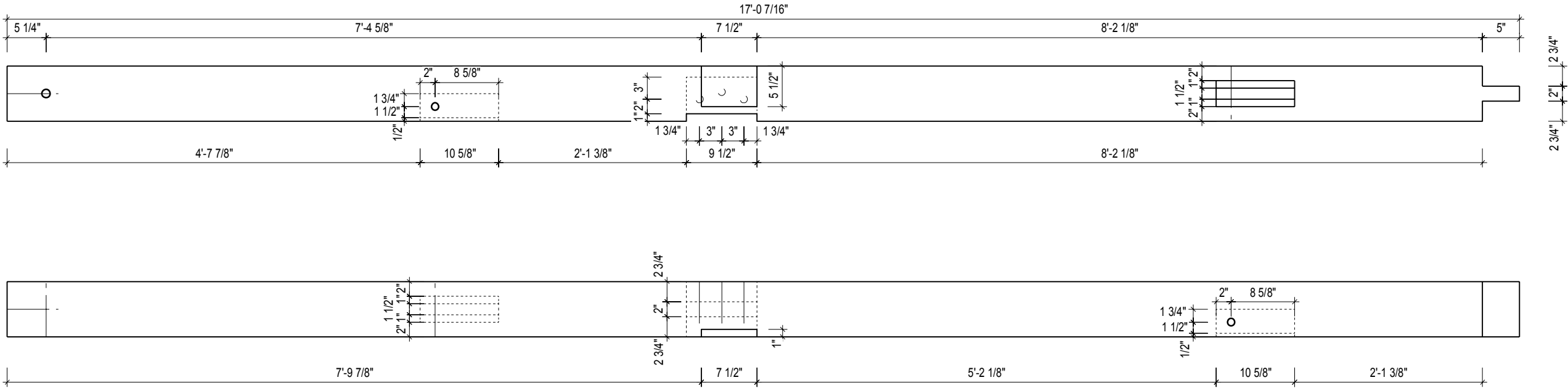
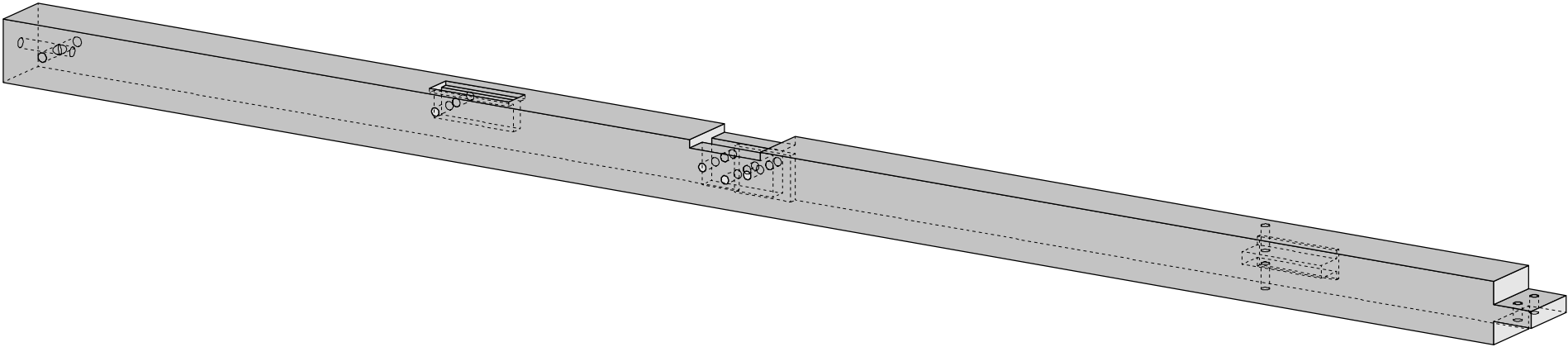
2/5/-(2)1"



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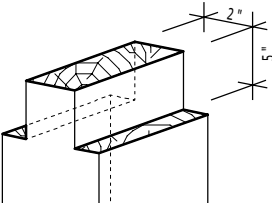
Project name: 16x24 Shed Roof w Loft
Project number: -
Designer: -
Quantity: 1
Scale: 1:16
X-section: 7 1/2" x 7 1/2"
Length: 17'-0 7/16"
Material: Douglas fir
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Tenon without backcuts (tenon 1)

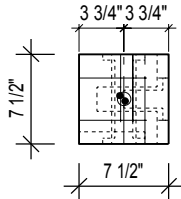
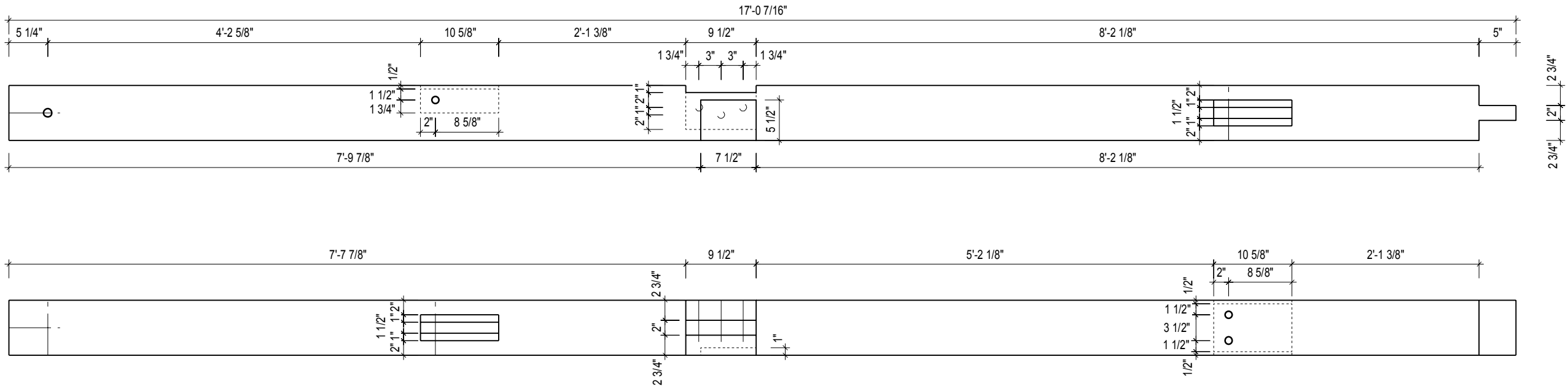
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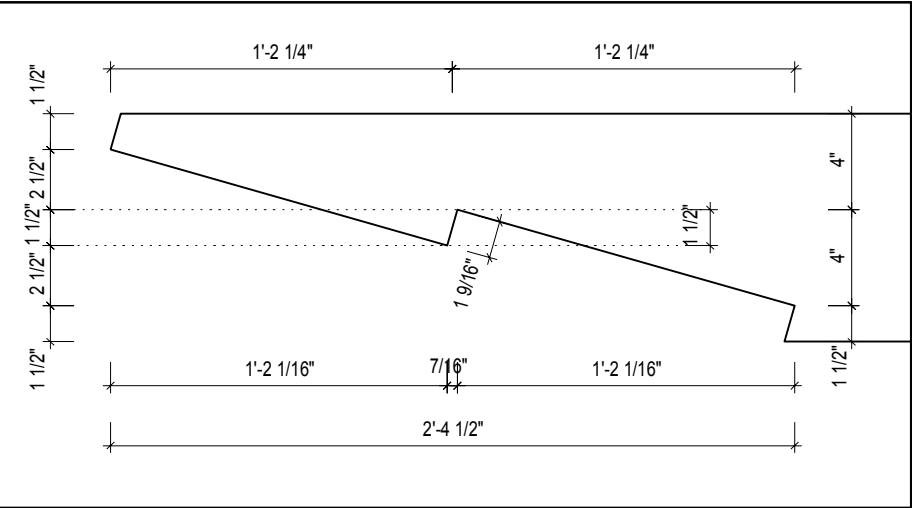
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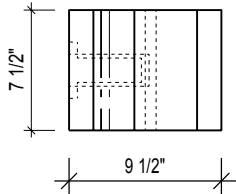
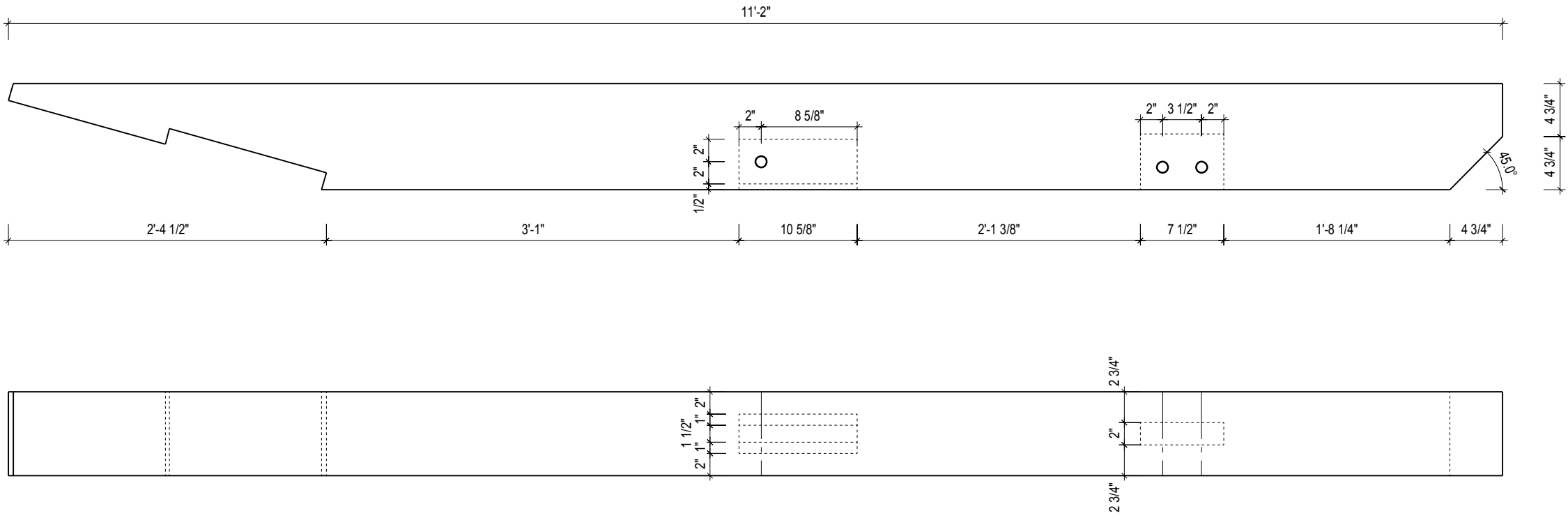
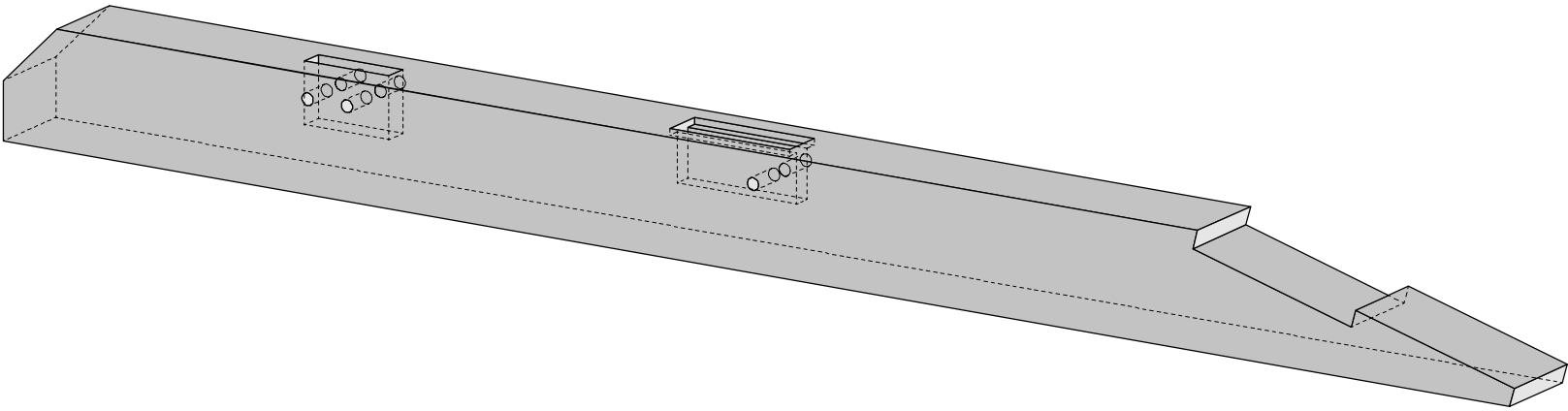
A 3D perspective view of a beam-column joint. The diagram shows the reinforcement layout for the joint, including top and bottom bars, stirrups, and cross-sections. The joint is shown in a perspective view, highlighting the spatial arrangement of the reinforcement.



Prod: 10



ENLARGED SCARF DETAIL



Top Plate

Project name: 16x24 Shed Roof w Loft
Project number: -
Designer: -

Quantity: 2

Scale: 1:12

X-section: 7 1/2" x 9 1/2"
Length: 11'-2"
Material: Douglas fir
Name of 3d file: 16x24 Shed Roof w Loft (02613)

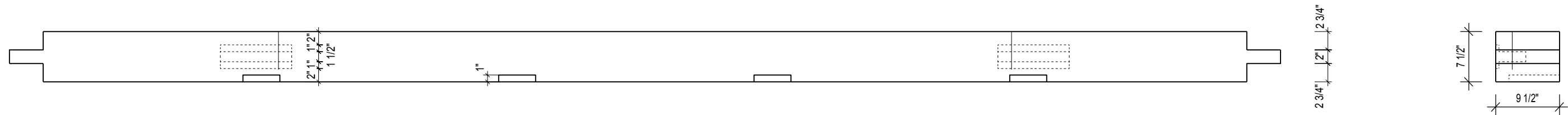
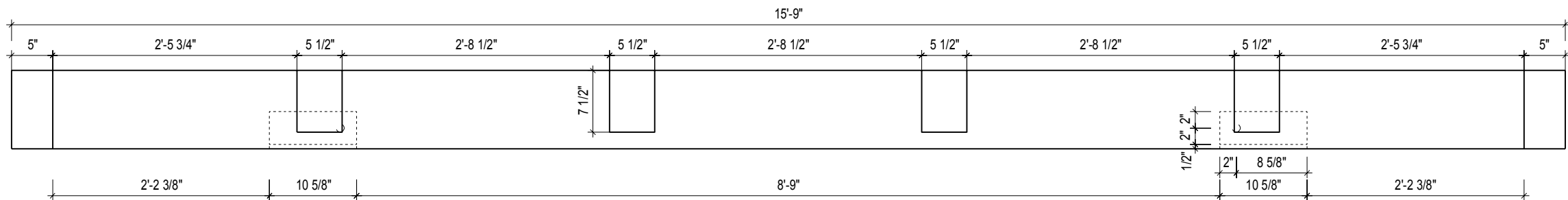
STICK DRAWING NOTES AND INSTRUCTIONS

- THESE STICK DRAWINGS ILLUSTRATE AN AXONOMETRIC VIEW OF THE ENTIRE MEMBER AT THE TOP OF THE SHEET.
- AT THE BOTTOM OF THE SHEET ON THE LEFT AND RIGHT ARE THE ASSOCIATED END TYPES, IF APPLICABLE, TO BOTH THE RIGHT END OF THE STICK AND THE LEFT END OF THE STICK.
- THE SHADING SHOWS THE PRIMARY FACE OF THE TIMBER IN EACH VIEW, DARKER SHADED AREAS SHOW A HOUSING OR OTHER PARALLEL FACET THAT IS DEEPER THAN THE PRIMARY FACE.
- NOTICE THE SHADING IS OMITTED WHERE A MEMBER IS HOUSED INTO ANOTHER. FOR EXAMPLE, ON THE KNEEBRACES, THERE IS 1/2" OF THE FACE THAT IS NOT SHADED. THIS REPRESENTS THE PART OF THE BRACE THAT SITS INSIDE ANOTHER JOINING MEMBER.
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- SOME OF THE STICK DRAWING VIEWS WILL BE SHORTENED TO SHOW IN MORE DETAIL THE JOINERY AREAS OF THE STICK. MEASUREMENTS THAT ARE UNDERLINED REPRESENT LENGTHS THAT BRIDGE THESE SHORTENED VIEWS. THE BREAK LINES SHOW WHERE THE PIECE HAS BEEN SHORTENED FOR VISUAL CLARITY.
- PEG HOLES ARE NEVER DIMENSIONED ON TENONS. AFTER FITTING UP THE PIECES THE TENONS CAN BE DRILLED BY USING THE CORRESPONDING MORITSE HOLES TO LOCATE THEM PROPERLY.
- END TYPES ON THE LEFT AND RIGHT SHOW THE ADDED DIMENSIONS OF THE JOINERY TO BE LAID OUT.

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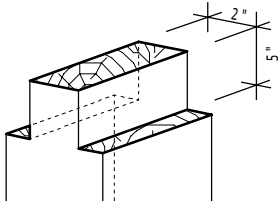
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A 3D perspective view of a long, narrow, tapered rectangular block. The block is light gray with black outlines. It has a series of vertical slots or grooves along its top surface. At the left end, there is a small rectangular protrusion with four circular features (two on top, two on the side). At the right end, there is a similar protrusion with four circular features. The block is shown from an isometric perspective, with dashed lines indicating hidden edges.



X-section: 7 1/2" x 9 1/2"
Length: 15'-9"
Material: Douglas fir
Name of 3d file: 16x24 Shed Roof w Loft (02613)

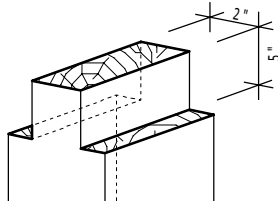
2/5/1-(2)1"



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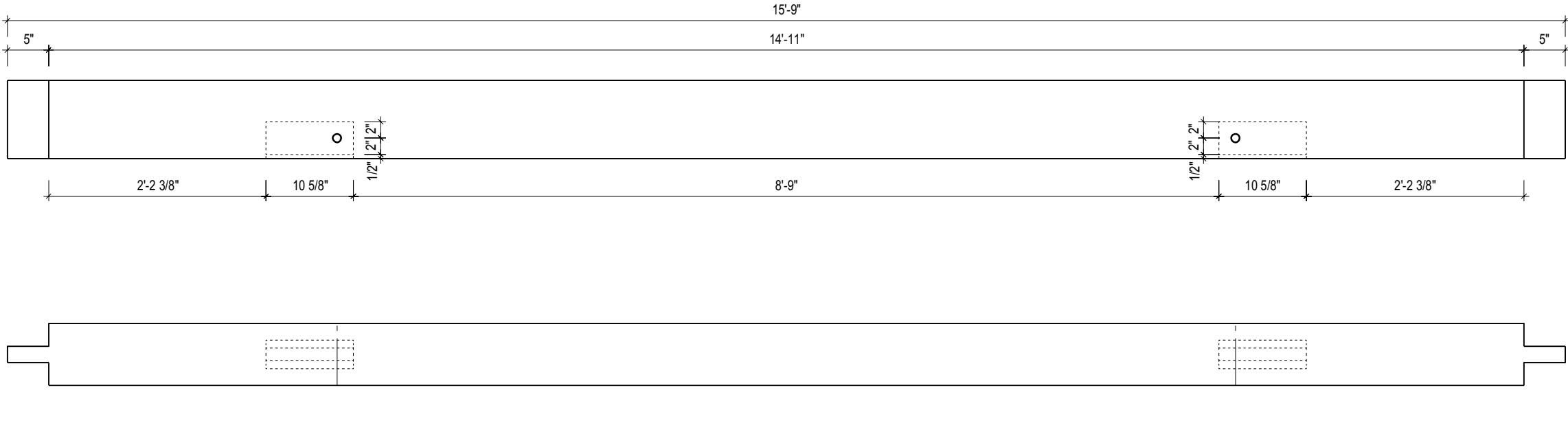
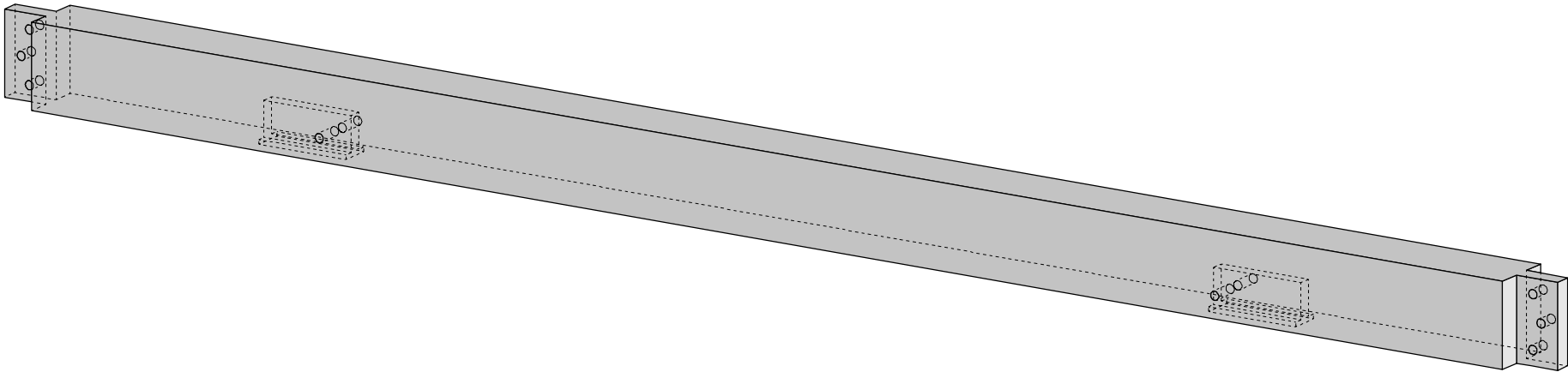
2/5/1-(2)1"



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Prod: 12



Tie Beam

Project name: 16x24 Shed Roof w Loft
Project number: -
Designer: -

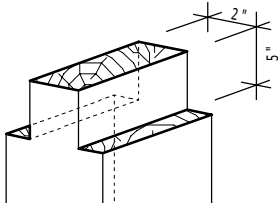
Quantity: 1

Scale: 1:16

X-section: 7 1/2" x 9 1/2"
Length: 15'-9"
Material: Douglas fir
Name of 3d file: 16x24 Shed Roof w Loft (02613)

Tenon without backcuts (tenon 1)

2/5/1-(2)1"

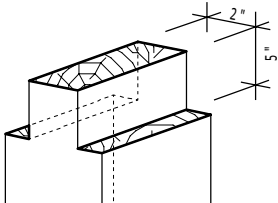


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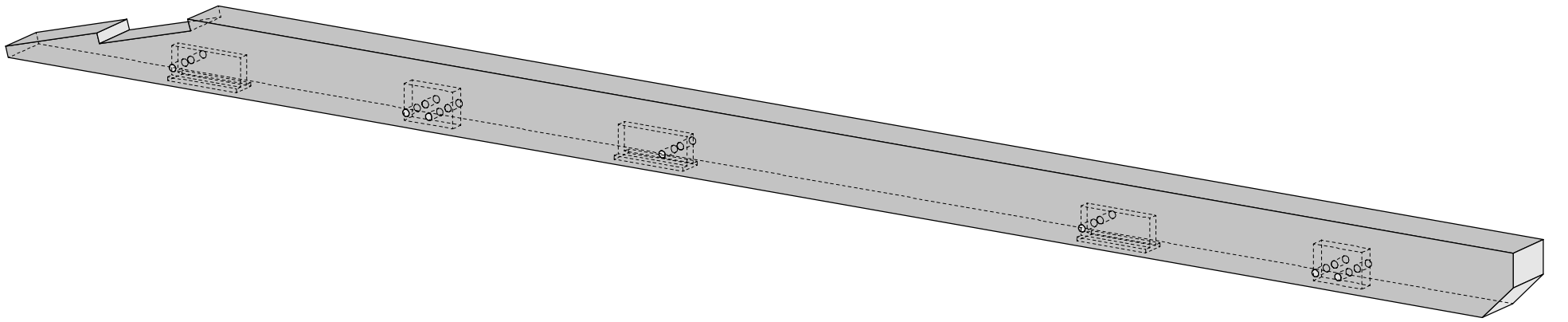
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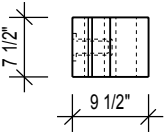
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Prod: 13



ENLARGED SCARF DETAIL



Top Plate

Project name: 16x24 Shed Roof w Loft
Project number: -
Designer: -

Quantity: 2

Scale: 1:24

X-section: 7 1/2" x 9 1/2"
Length: 19'-4 1/2"
Material: Douglas fir
Name of 3d file: 16x24 Shed Roof w Loft (02613)

STICK DRAWING NOTES AND INSTRUCTIONS

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