

### **Knee Brace**

Project number: -Designer:

Quantity: 14

Scale:

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)

- THESE STICK DRAWINGS ILLUSTRATE AN AXONOMETRIC VIEW OF THE ENTIRE MEMBER AT THE TOP OF THE SHEET. 1.5/3.25/.5-(1)1"

- THE STICK DRAWINGS ILLUSTRATE AND ACKNOWNER REVIEW 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 OI 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.

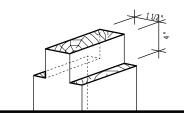
- SOME OF THE STICK DRAWING VIEWS WILL BE SHORTENED TO SHOW IN MORE DETAIL THE JOINERY AREAS OF THE STICK. MEASUREMENTS THAT ARE UNDERLINED REPRESENT LENGTHS THAT BRIDGE THESE SHORTENED VIEWS. THE BREAKLINES SHOW WHERE THE PIECE HAS BEEN SHORTENED FOR VISUAL CLARITY. - PEG HOLES ARE NEVER DIMENSIONED 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.

STICK DRAWING NOTES AND INSTRUCTIONS

## Tenon without backcuts (tenon 1)

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

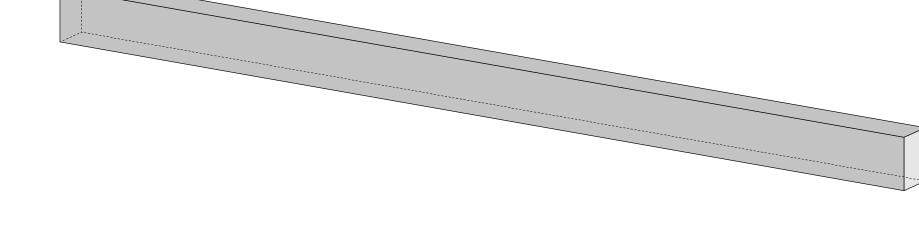


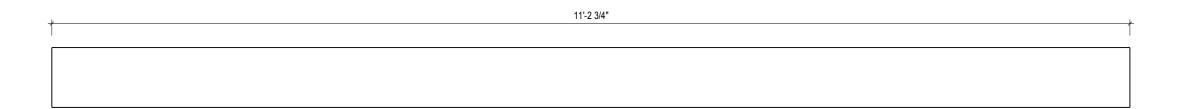
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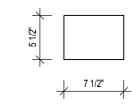


Mountain Rest, SC 29664

888.552.9379 design@timberframehq.com







### **BEAM**

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

Designer: Quantity: 6

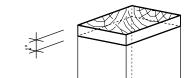
Scale:

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)

### Lengthening

1 Hsg



#### STICK DRAWING NOTES AND INSTRUCTIONS

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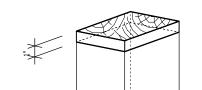
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### Lengthening

1 Hsg



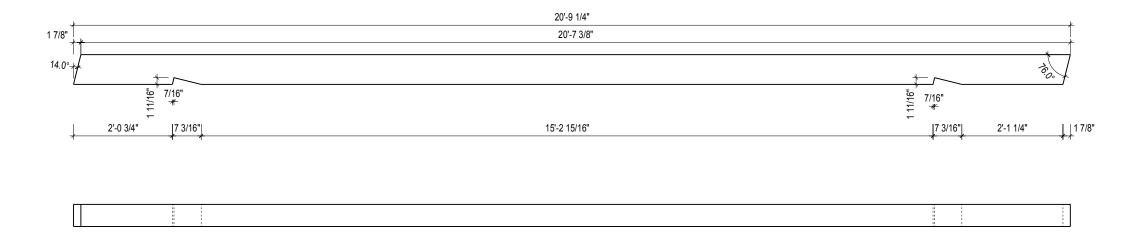
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### Common Rafter

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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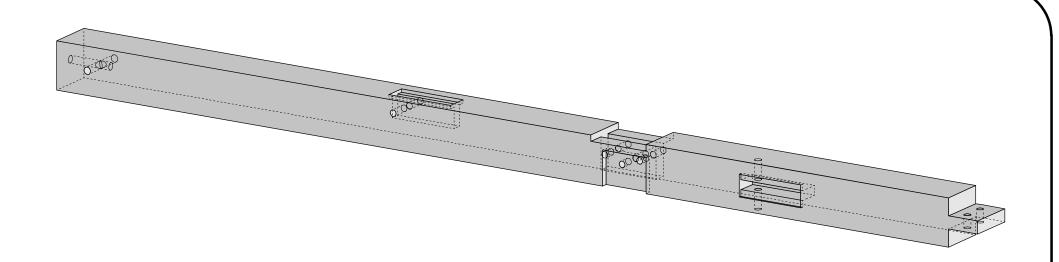
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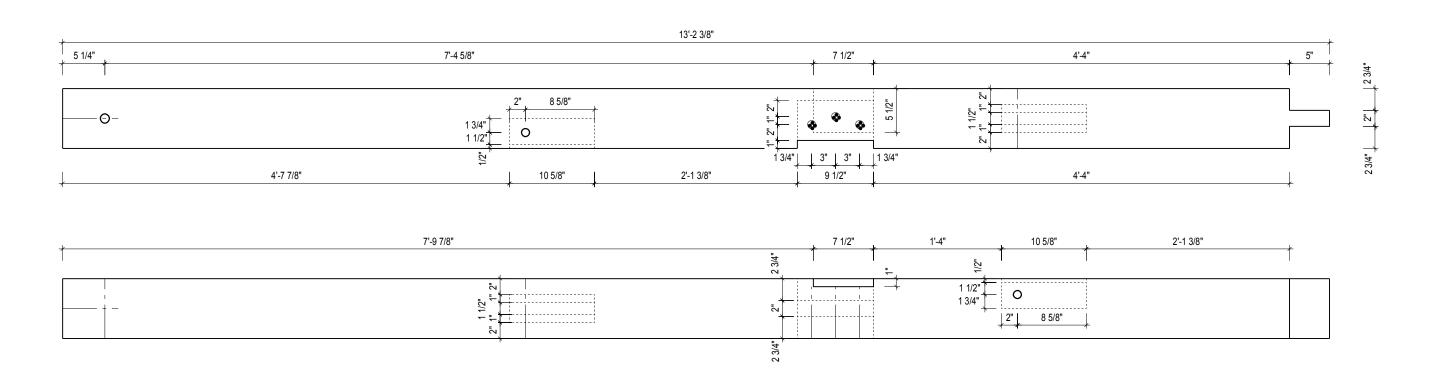
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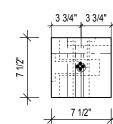
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### **Short Post**

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

Quantity: 1

Designer:

Scale:

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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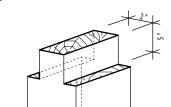
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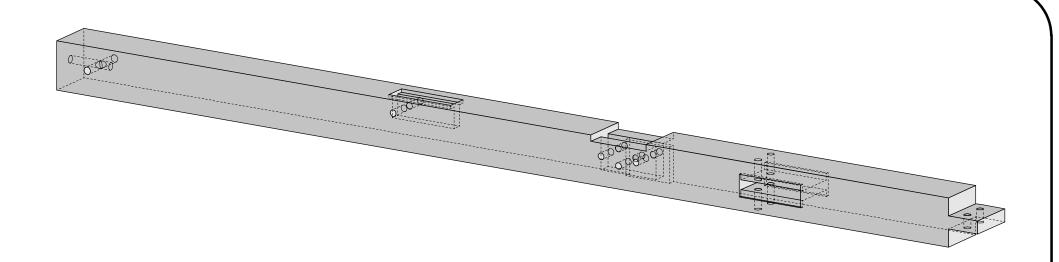
2/5/-(2)1"

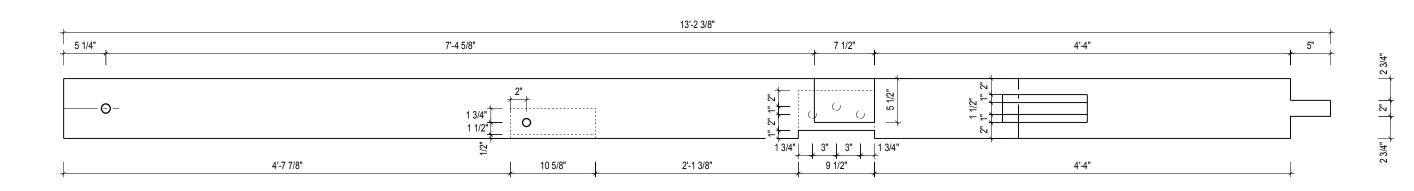


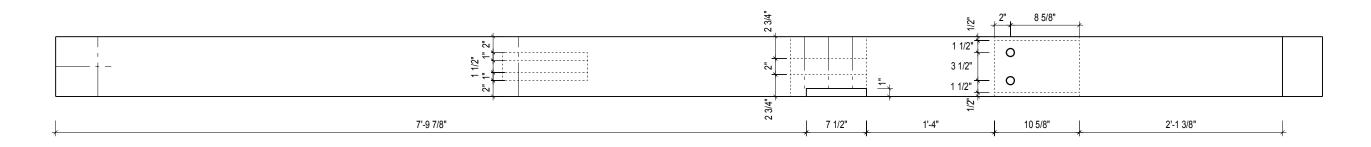
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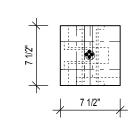
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HEADQUARTERS
PO Box 133

Mountain Rest, SC 29664 888.552.9379









### **Short Post**

Project name: 16x24 Shed Roof w Loft

Project number: -Designer:

Quantity: 1

Scale:

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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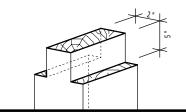
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2/5/-(2)1"

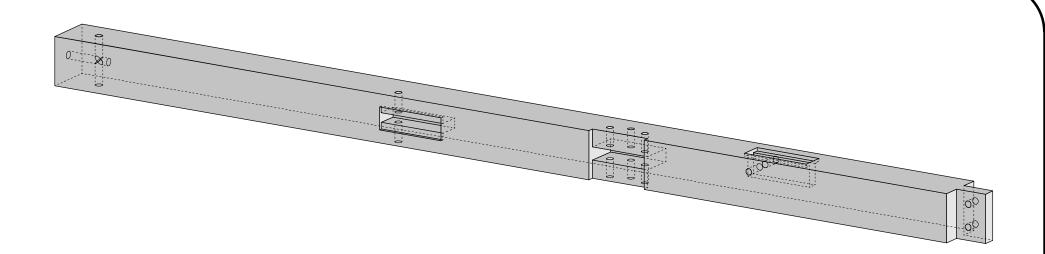


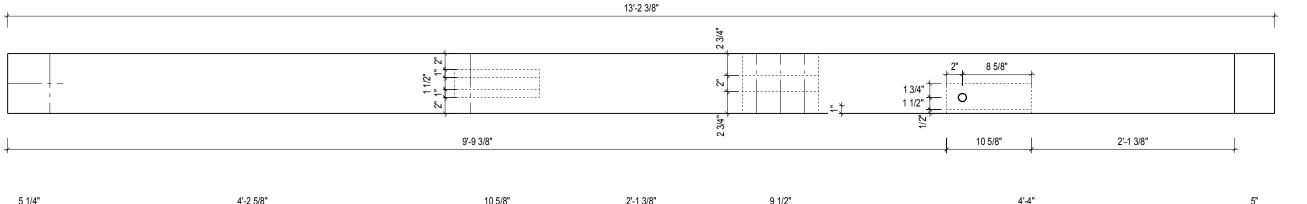
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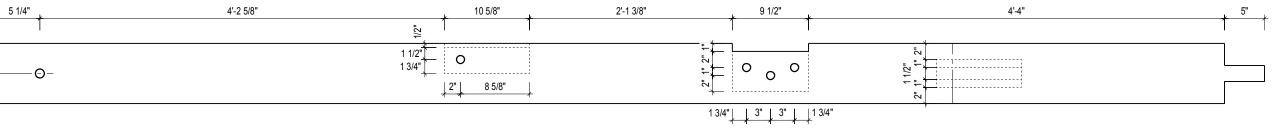


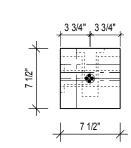
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### **Short Post**

Project name: 16x24 Shed Roof w Loft

Project number: -Designer:

Quantity: 1

Scale:

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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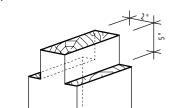
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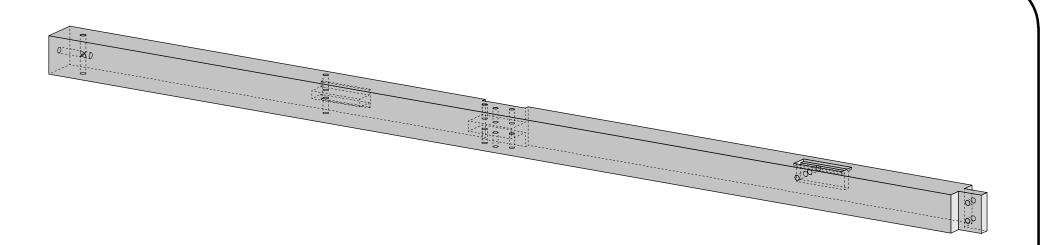
2/5/-(2)1"

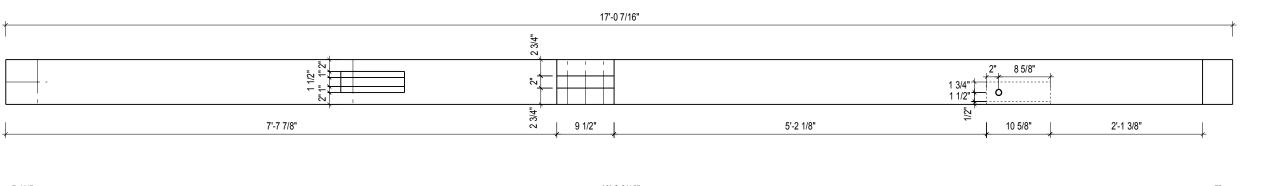


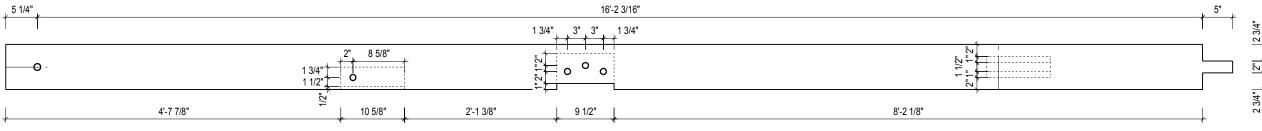
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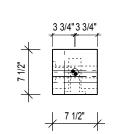


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### **Tall Post**

Project name: 16x24 Shed Roof w Loft

Project number: -Designer:

Quantity: 1

Scale:

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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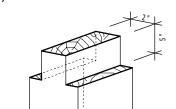
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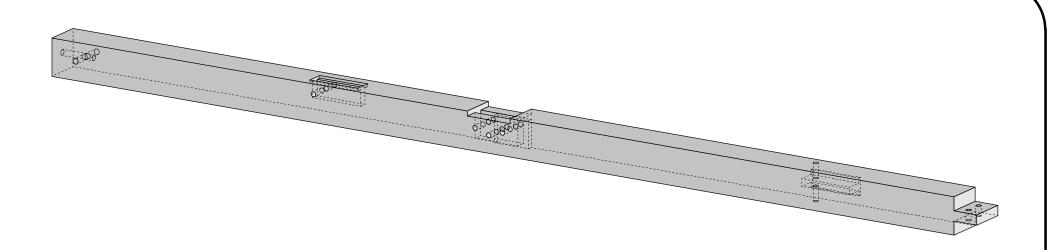


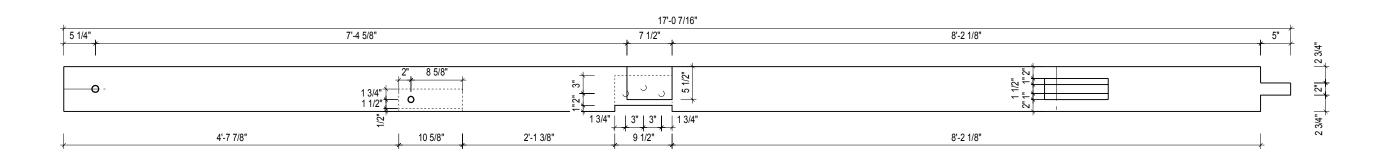
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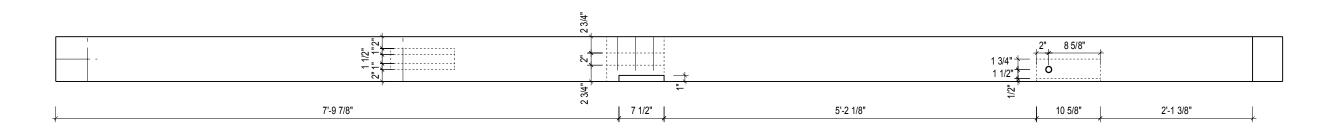


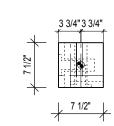
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Project number: -Designer:

Quantity:

Scale:

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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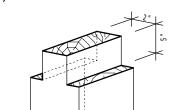
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2/5/-(2)1"

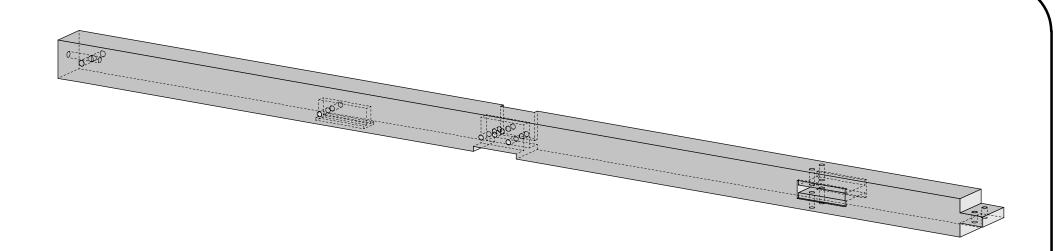


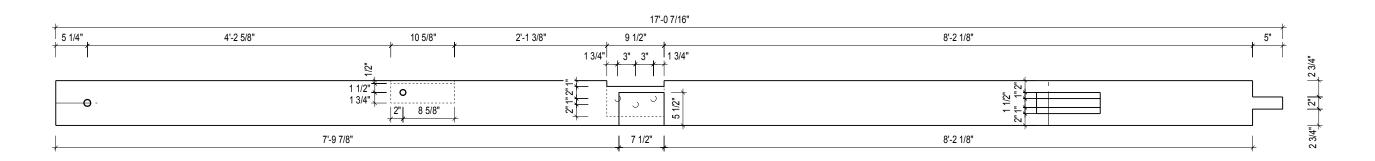
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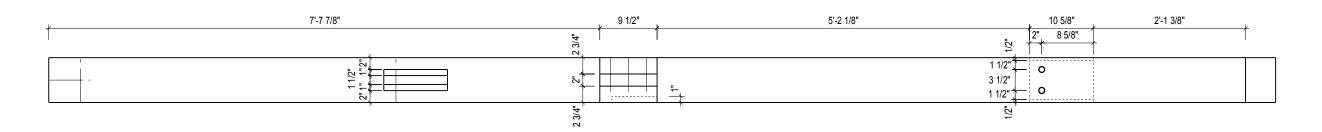


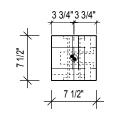
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Project number: -Designer:

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X-section: 7 1/2" x 7 1/2" Length: 17'-0 7/16" Material: Douglas fir

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- 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.

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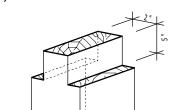
- IN THE MIDDLE OF THE SHEET IS THE STICK DRAWING SHOWING ALL 4 FACES OF THE TIMBER IF NECESSARY. ON SIMPLE STICKS, THERE MIGHT ONLY BE 2 VIEWS SHOWN.

- 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 BREAKLINES 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.

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## Tenon without backcuts (tenon 1)

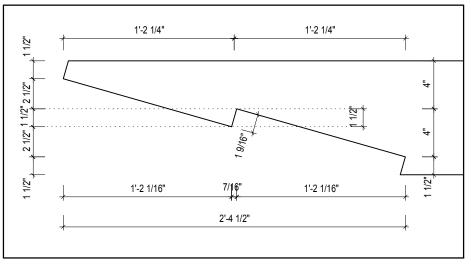
2/5/-(2)1"

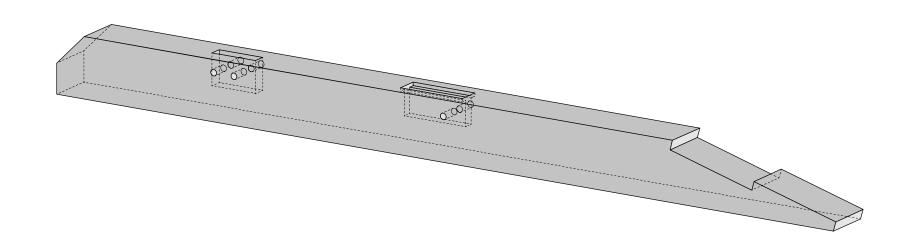


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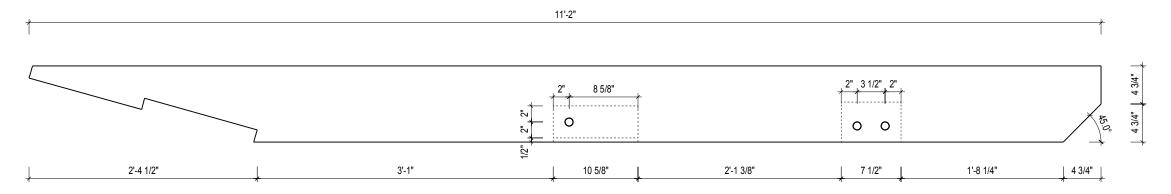


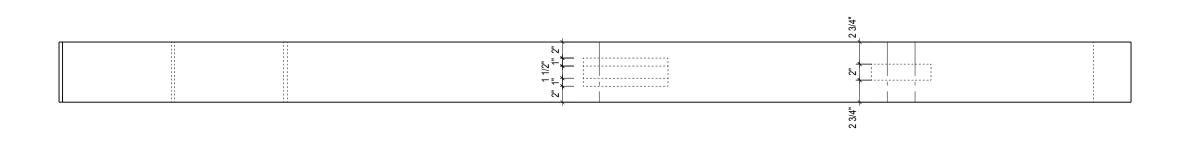
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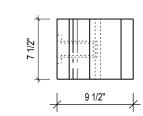




**ENLARGED SCARF DETAIL** 







## Top Plate

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

Quantity: 2

Designer:

Scale:

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

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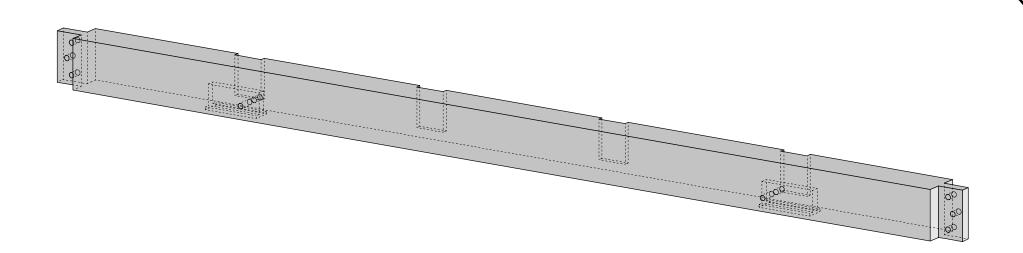
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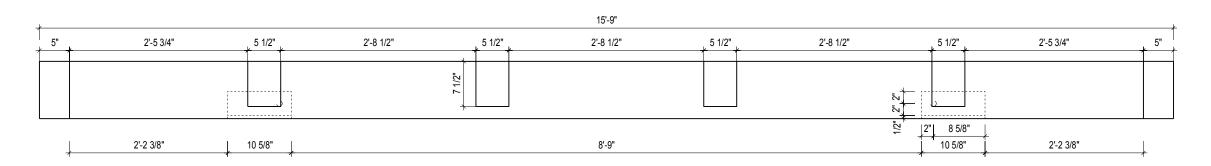
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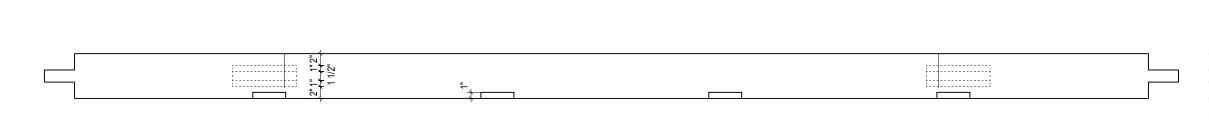
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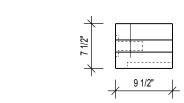


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### Tie Beam

Project number: -

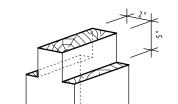
Designer: Quantity: 2

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"



#### STICK DRAWING NOTES AND INSTRUCTIONS

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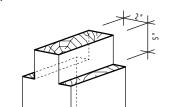
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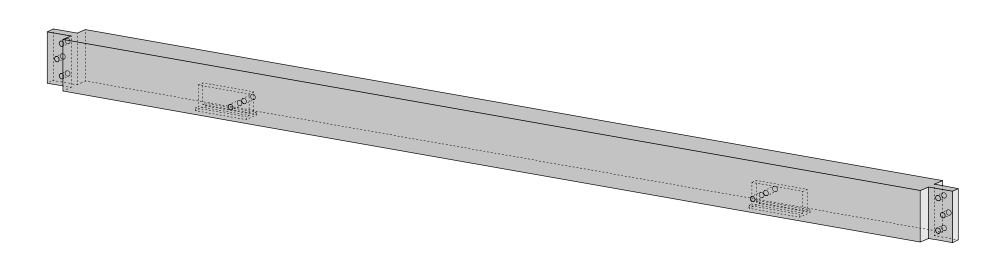
2/5/1-(2)1"

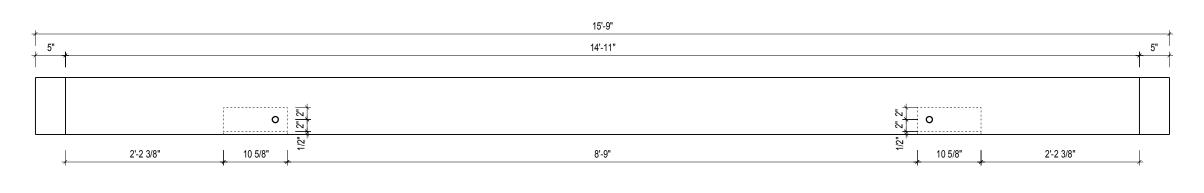


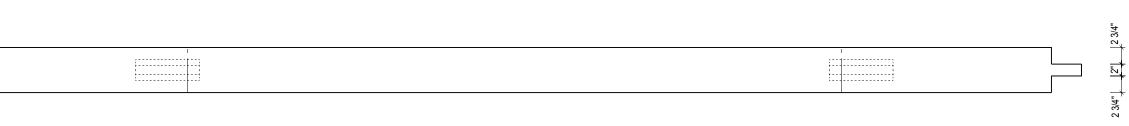
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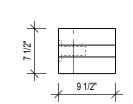


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### Tie Beam

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

Designer:

Quantity: 1

Scale:

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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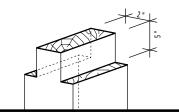
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STICK DRAWING NOTES AND INSTRUCTIONS

## Tenon without backcuts (tenon 1)

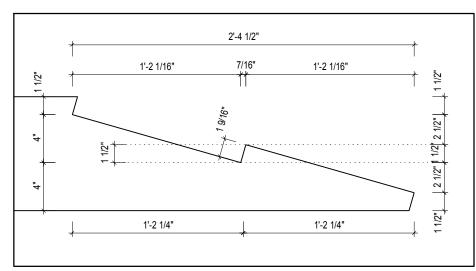
2/5/1-(2)1"



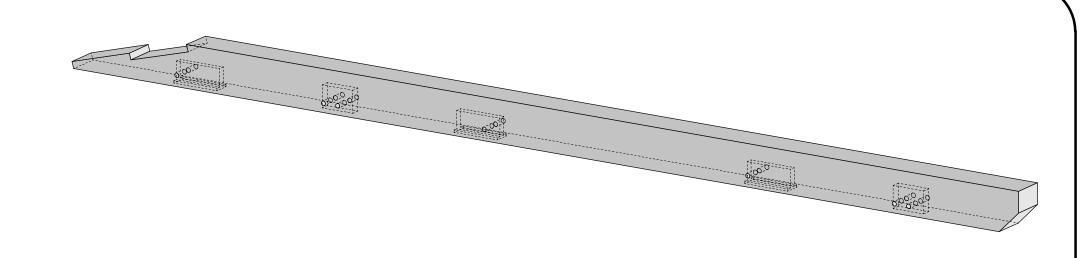
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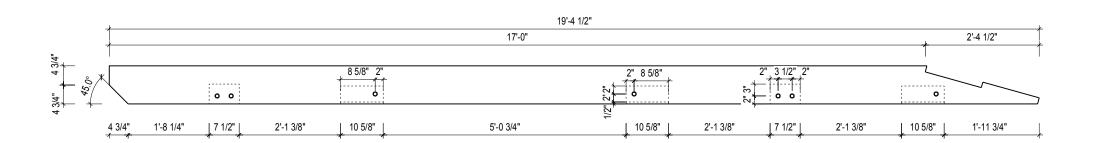


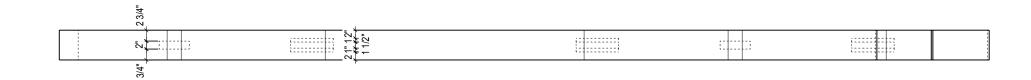
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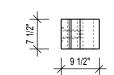


**ENLARGED SCARF DETAIL** 









## Top Plate

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

Quantity: 2

Designer:

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)

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