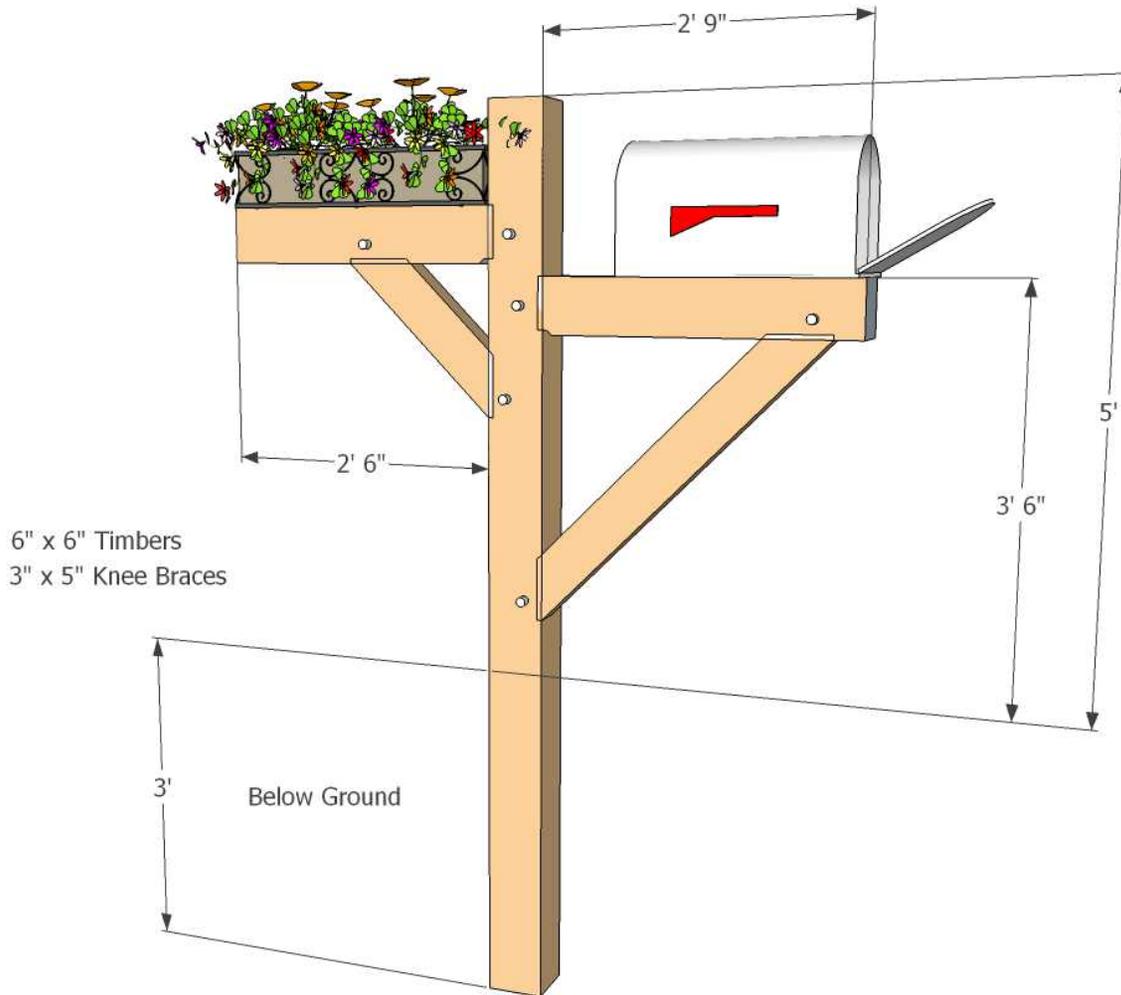




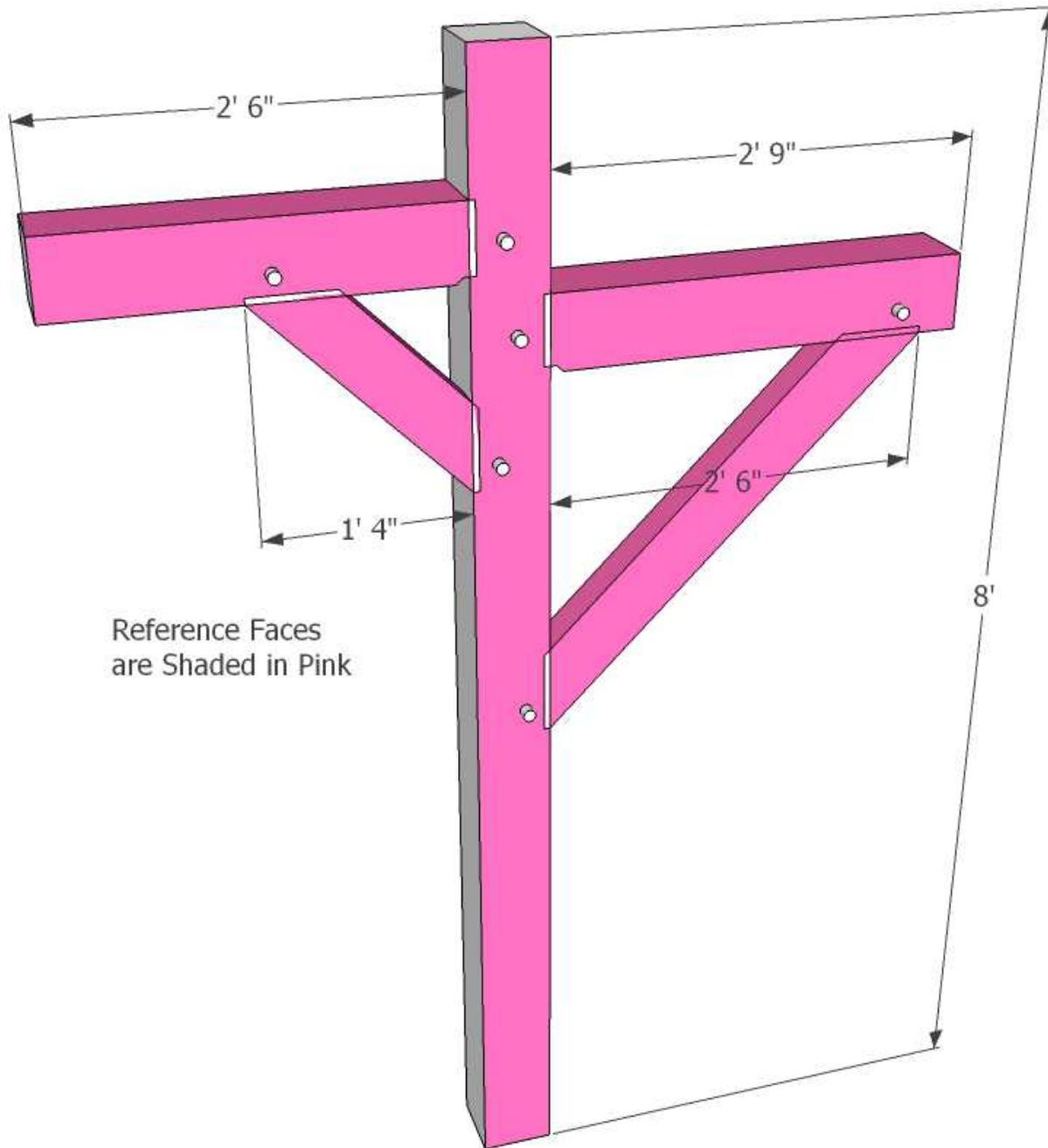
Mailbox Shop Drawing

Star Hill Timberworks provides timber frame plans developed using traditional timber framing techniques and practices. The user is accountable for compliance with engineering standards, construction practices, and building codes.



Star Hill Timber Works offers workshops, DIY timber framing instruction, plan development, and consulting. Most of our activities are designed for beginners. The intent of our operation is to provide clients and students the skills and confidence such that they become comfortable and confident in building their own small timber framed structures. We have taught many students that have never touched a chisel or handsaw. All that is needed is a desire to learn. We teach safe work practices using both traditional hand tools and modern power tools.

Mail Box - Reference Faces



Cut List

Timber	Qty	Size	Assigned	Layout	Checked	Cut
Post	1	6 x 6 x 8				
Long Beam	1	6 x 6 x 4' 1 1/2"				
Short Beam	1	6 x 6 x 3' 10 1/2"				
Long Knee Brace	1	3 x 5 x 4' 1/16"				
Short Knee Brace	1	3 x 5 x 2' 4 5/16"				
Pegs	6	3/4" x 8"	Double chamfer or draw-bore pegs			
Sawyer List	(2) 6 x 6 x 9 (1) 3 x 5 x 8					

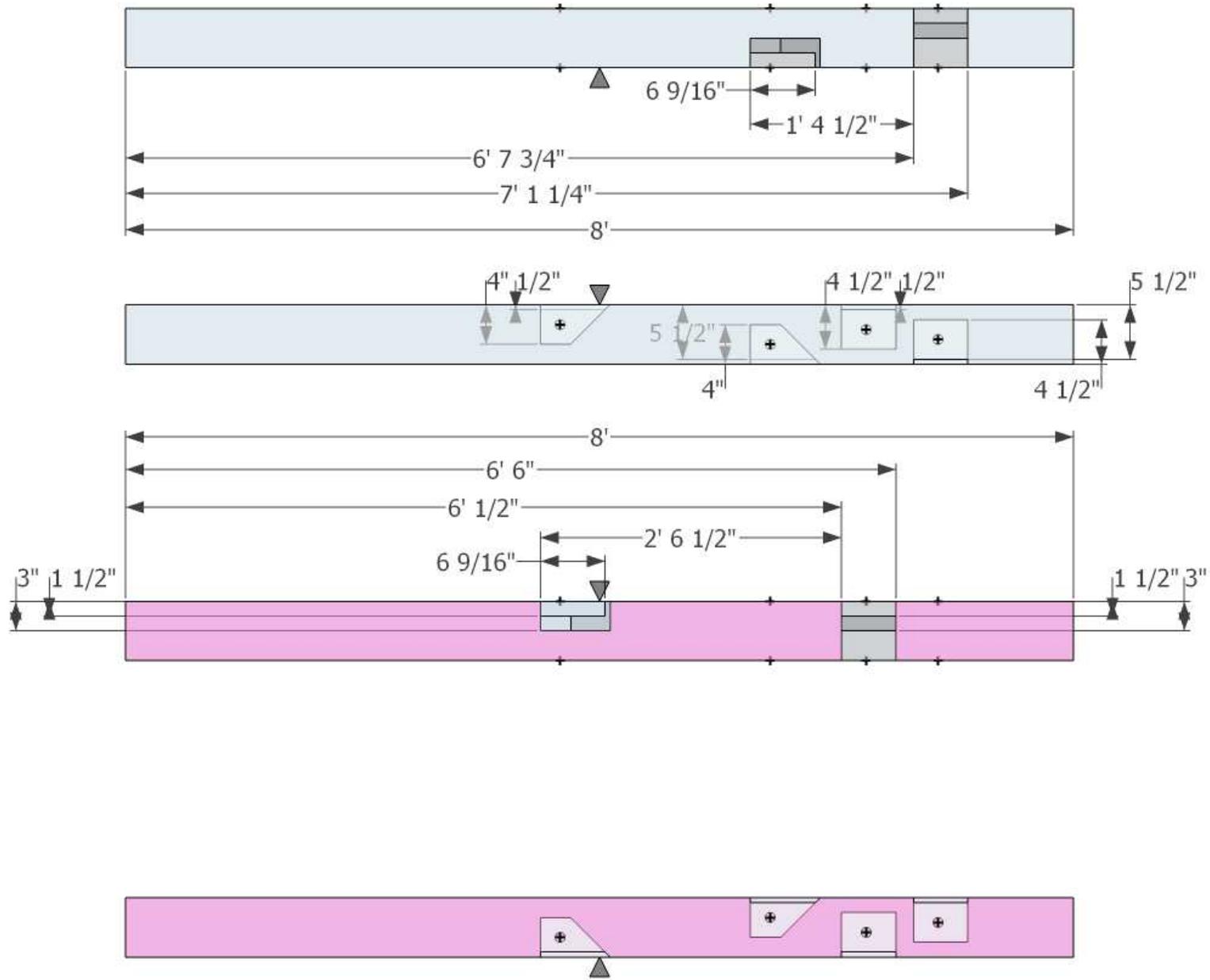
Notes

This plan is based on "Square Rule" timber framing. Reference faces are marked with colored shading. Reference faces will meet flush, variations in the timber will reveal themselves on the back side of the timber. All measurements are pulled off a reference face. Reference faces are marked with pink shading. On the two dimensional shop drawings, the triangle points to the reference face that is not visible.

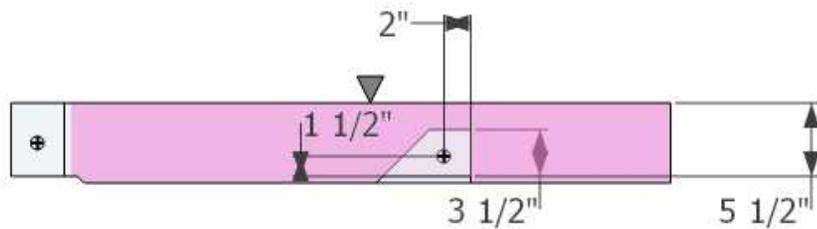
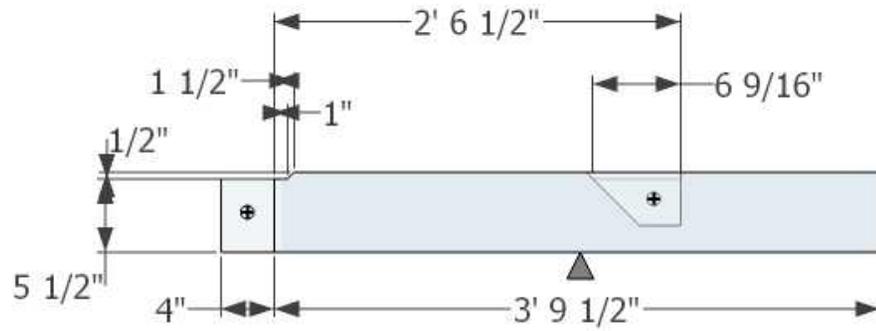
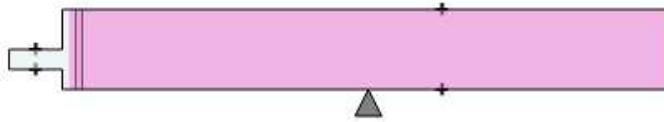
After cutting joints, end grain should be sealed with Anchor Seal or a similar product to minimize checking.

Holes are marked and drilled for the mortises. Tenon holes are marked when the mailbox is test fit. If you want to draw bore the joints, after you mark the hole on the tenon during test fit, move it a "Moose Hair" toward the shoulder before drilling the tenon. This will offset the holes and allow the pointed draw bore peg to suck up the joint. You will need a draw-bore peg with a point to make up this joint.

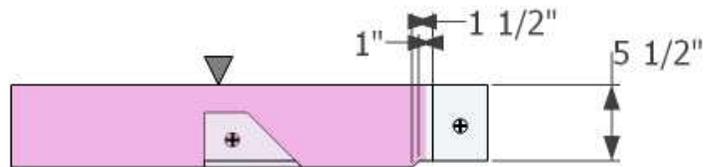
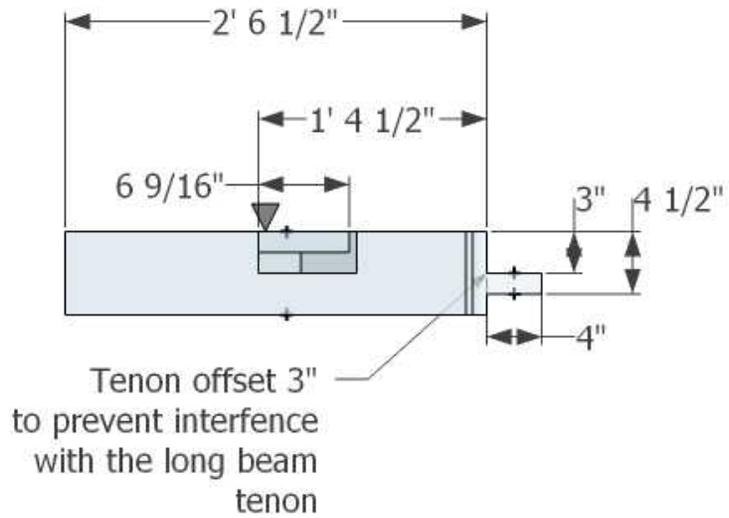
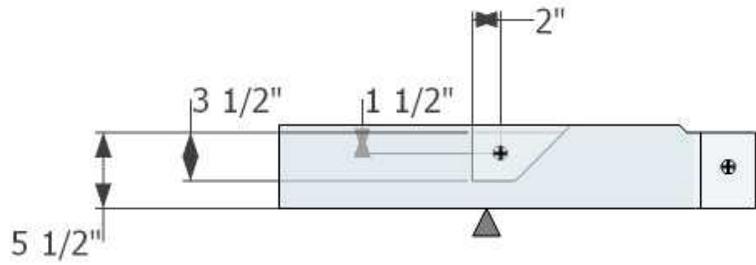
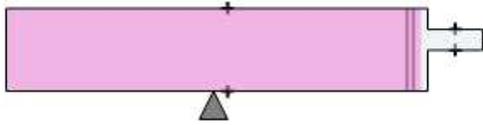
Post



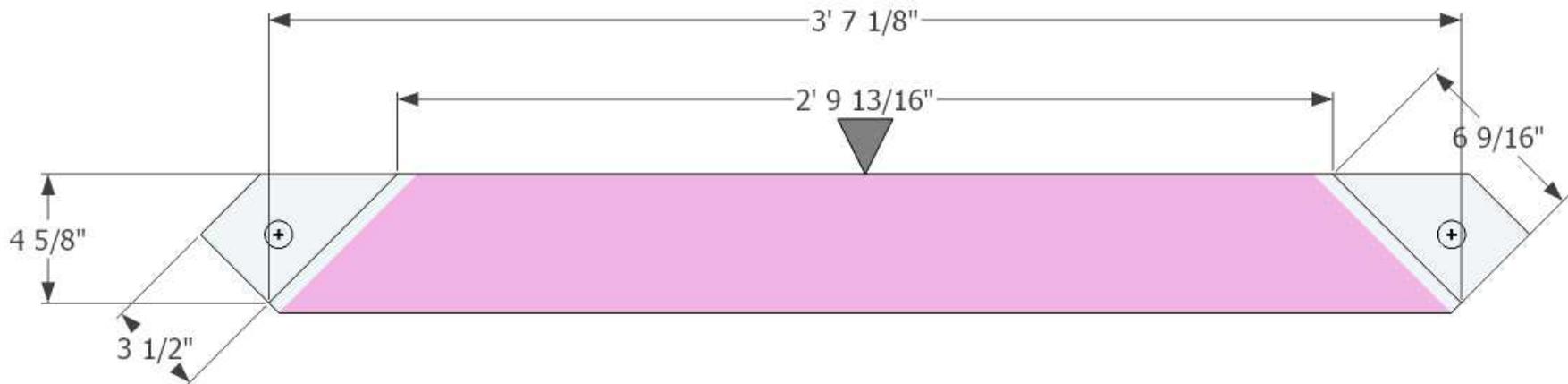
Long Beam



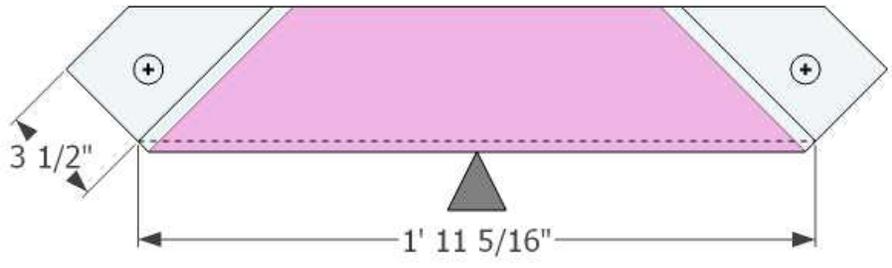
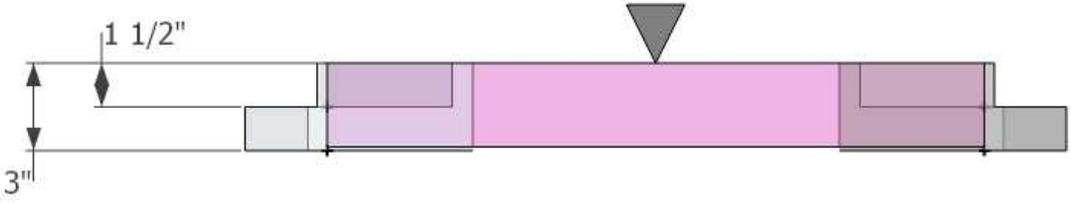
Short Beam



Long Knee Brace



Short Knee Brace



Detail

