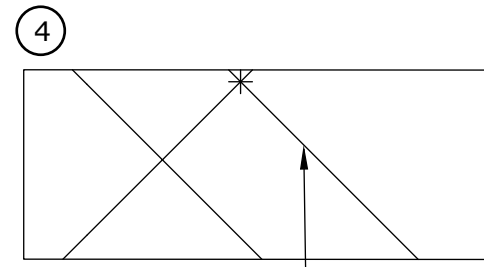
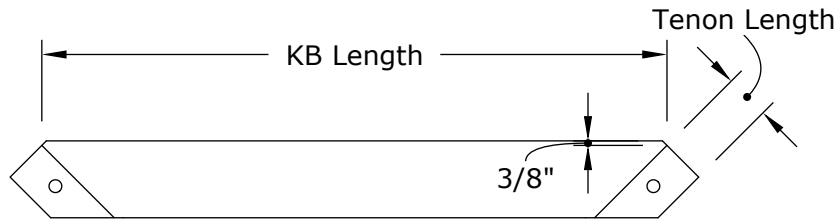
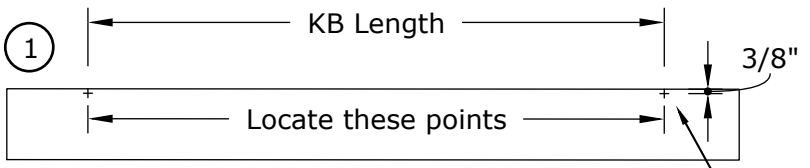


Knee Brace Layout

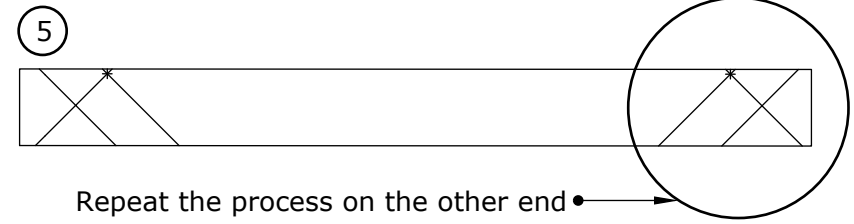
To improve the fit of Knee Braces, plane the stock to the required timber dimension before layout



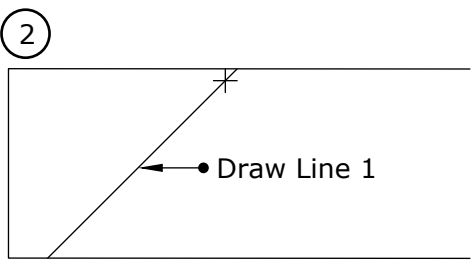
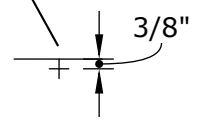
Mark Line 3 using a razor knife • Mirror Image



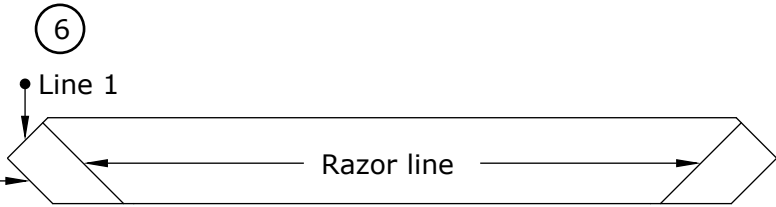
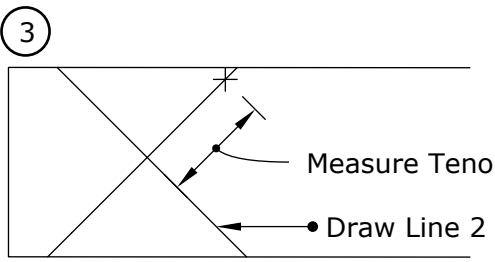
The remaining layout is based on **marking 45 degree lines** from the top of the timber referenced off these points



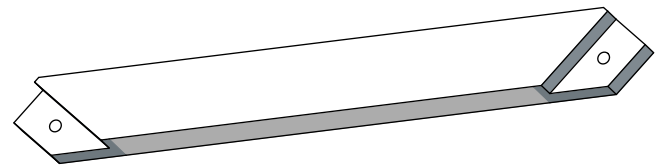
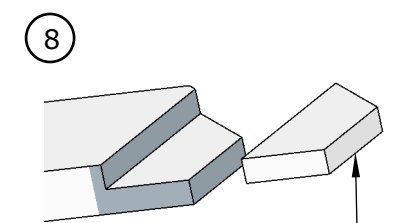
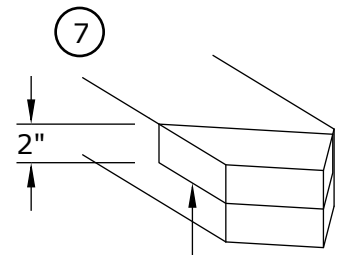
Repeat the process on the other end •



KB Length*
 30 x 30 = 3' 7 1/8"
 32 x 32 = 3' 9 15/16"
 36 x 36 = 4' 3 5/8"
 48 x 48 = 5' 8 9/16"
 54 x 54 = 6' 5 1/16"
 60 x 60 = 7' 1 3/4"
 * Based on 1/2" housing



Make sure the sawblade is square to the guide
 Cut the Knee Brace along Line 1 & Line 2



PROJECT
 4' x 6" Brace Layout

NUMBER
 KB2024

PHASE
 Shop Drawings

REVISION
 02

ISSUED
 March 12, 2024

CLIENT
 Star Hill Customer

NOTICE
 Star Hill Timberworks plans are designed using standard timber framing practices. The client is accountable for ensuring compliance with engineering standards, construction practices, and obtaining any required permits and/or stamps.