

Brownie Jig Design for a Partial Stringer for Flexible Ladder Roadbed by John Carmichael 1/16/18 (draft 3)

Use this drawing to make an 8 ft. long wooden jig template for rapid in-shop pre-construction. It's base is an 8 ft. long pine 2 x 4. (10 ft. would be even better if you have the space) Cut a $\frac{3}{4}$ " square dowel that's the same length as the 2 x 4, then attach it to one long edge of the 2 x 4. Cut 32 pieces of 2" long $\frac{3}{4}$ " square dowels. Attach them to the 2 x 4 to create parallel notches for the brownies. The notches should be 2" deep and 1.625" wide. This extra little width will permit easy insertion and extraction of the brownies. Use a brownie to help you attach spacers to make sure that it slides in and out easily. Notches must be exactly 6" from center to center. Clamp the jig firmly to the edge of your bench or to sawhorses. The jig is now ready. Note: Pink Lines represent Deck Screws.

