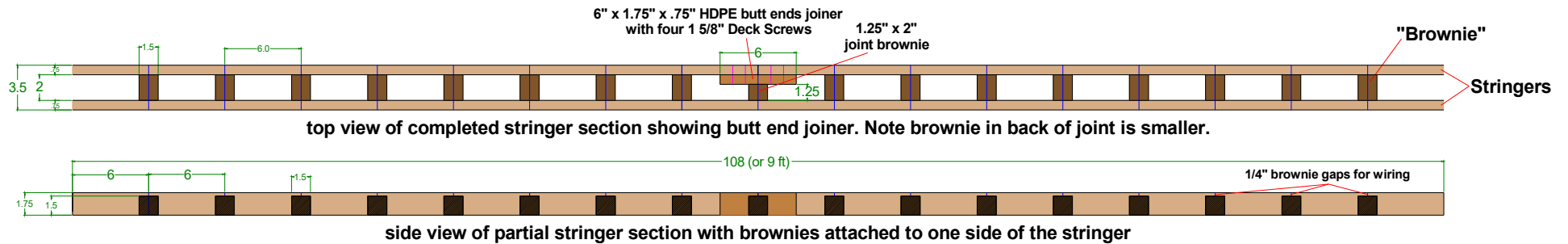


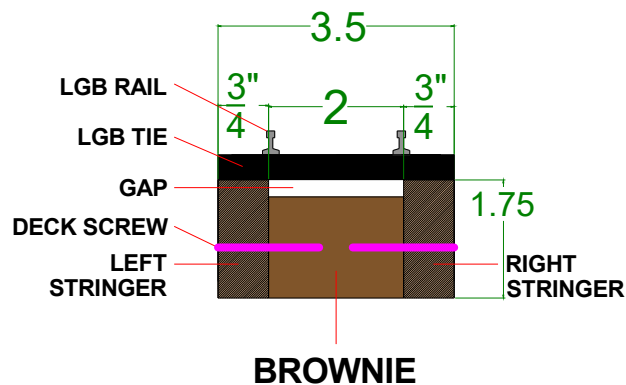
Flexible Ladder Roadbed Design with 1/4" Gap for Electrical Wiring

by John Carmichael 1/15/18

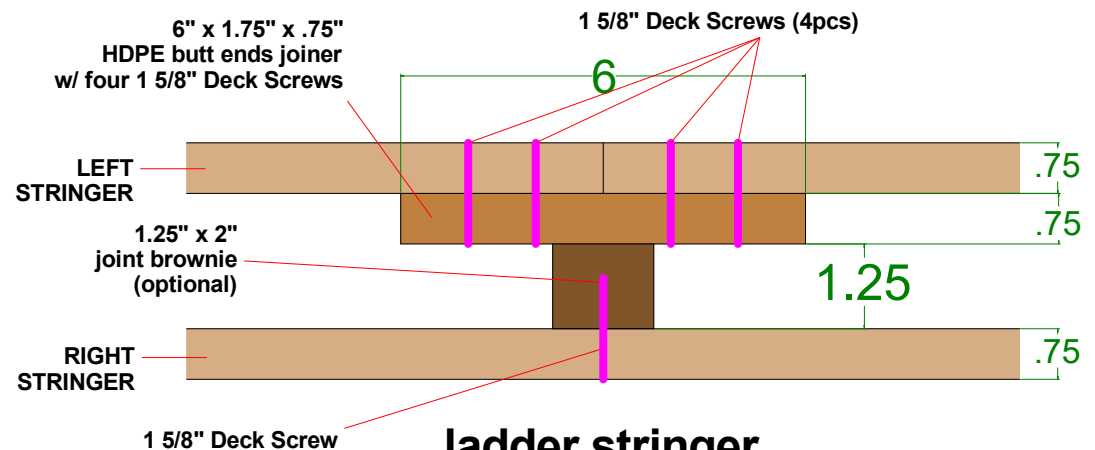


This is the design I used in my railroad. The 1/4" "brownie gap" is useful for hiding unsightly wiring and provides easy access. Actual stringers will probably be longer than this limited drawing. This is not a drawing of the jig.

This limited drawing is 9 ft. long so it only shows half of an 18 ft. long stringer. But you can use a jig this size to make any length stringer. Use flexible HDPE or PCV non-structural plastic lumber for the stringers. Do not use Composite lumber! The stringers should be 3/4" thick and 1.75" wide. Buy the longest length available!



cross section of ladder stringer



ladder stringer butt joint detail