

The photos below are of a new type of stair assembly that is being built into new residential construction. Instead of using 2" x 12" lumber for the stringers on the sides and middle, it uses a 2" x 4" board, only on the edges. The steps and risers are ¾ inch OSB. These are connected using a metal plate, similar to that of a gusset plate found on manufactured trusses. The triangles holding the steps are light-weight steel, and attached to the 2" x 4"s by glue and nails.

