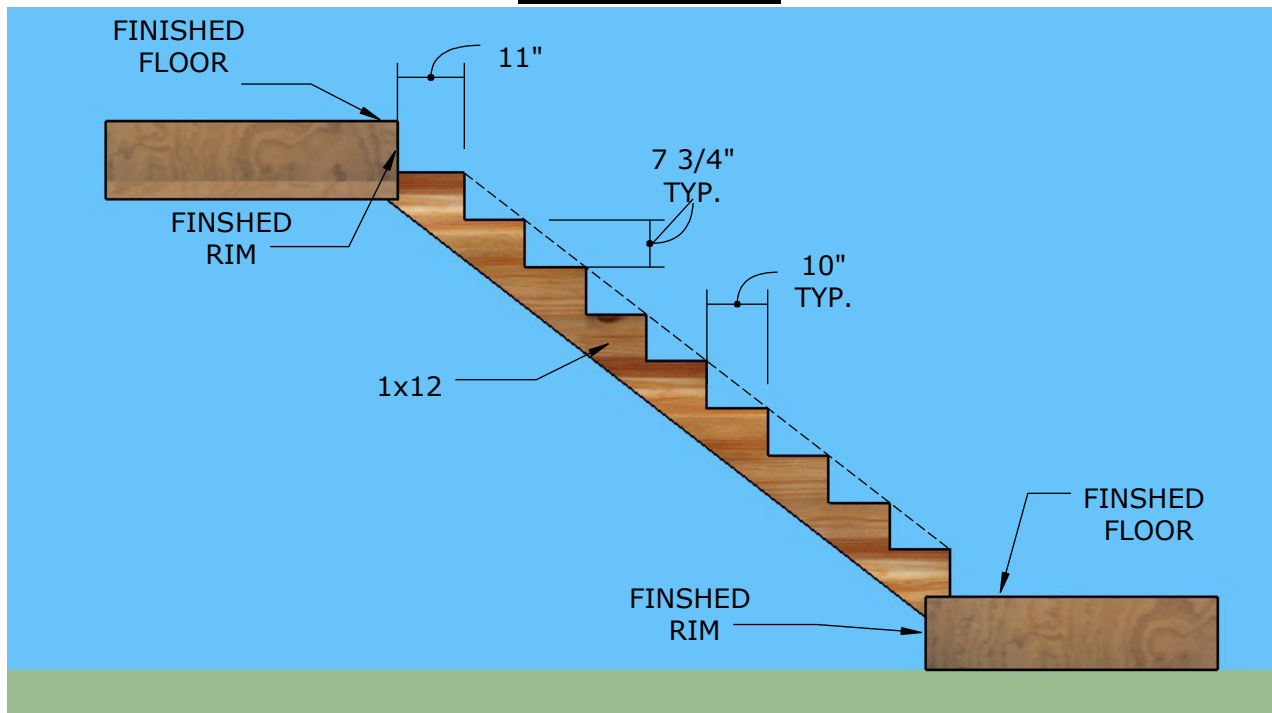


HALF LOG STAIRS

BE SURE TO CHECK ALL LOCAL CODES FOR RISER HEIGHT, TREAD WIDTH, HEADROOM, LANDING AREA, AND NOSING.

To layout a half log stair, use a 1x12 for a pattern, layout and cut as a stringer. (see *stair layout basics*) The top tread cut must layout at 11" the rest of the tread cuts at 10" Make sure the bottom of the stringer is notched out for the floor this is what holds the stinger in place. ***If it can't come forward it can't come down.***

SEEFIGURE1



Lay 1x12 pattern on half log stinger and mark treads, top cut and bottom cut. The stringer top cut should be even with finished floor. The bottom of the stinger can run out. as long as it does not interfere with the walk way and or landing area. Or it can be cut off 1" longer than the tread.

SEE FIGURE 2

Mark a line 1" down from the top of the stringer, this is from the front edge of the tread. measure down 2" from the top of each tread and measure from the top of the stringer 7 1/2" and 12 7/8". Drill a 3/16" pilot hole.

SeeFigure2

Attach stringer using lag bolts from the back side of the floor system rim at top. The rim must have the finished covering on. Lag through the floor system into the bottom of the stringer. If there is a wall on one or both sides of the stair, make sure the wall covering **IS NOT** installed.

Cut and install the treads using 10" log screws through the pilot hole. After all of the treads are installed remove one screw at a time per tread and drill a 1 1/4" hole through the stringer a minimum of 2" into the tread. Cut a 1 1/4" dowel 1/2" longer than the depth of the hole. Round off the end of the dowel, glue and insert the dowel through the stringer and into the tread.

Remove one screw from the next tread and repeat drilling and doweling. by removing one screw per step at a time and doweling, it will give the glue time to dry.

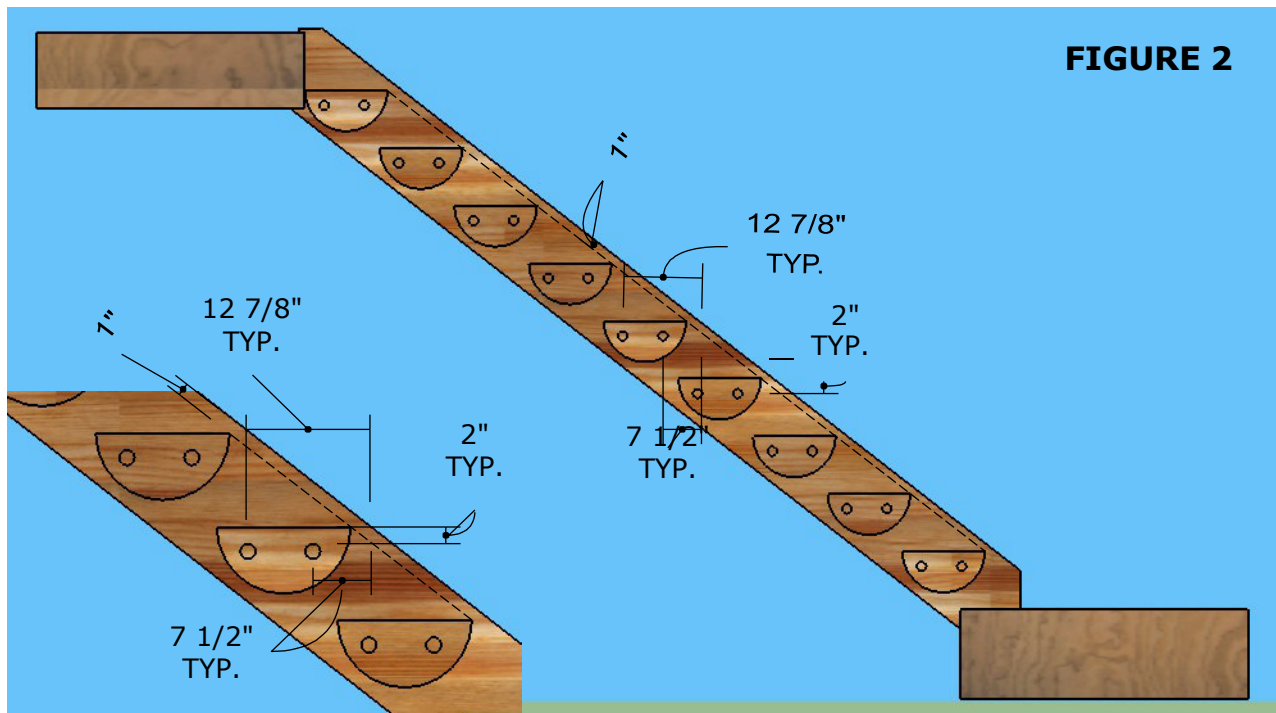
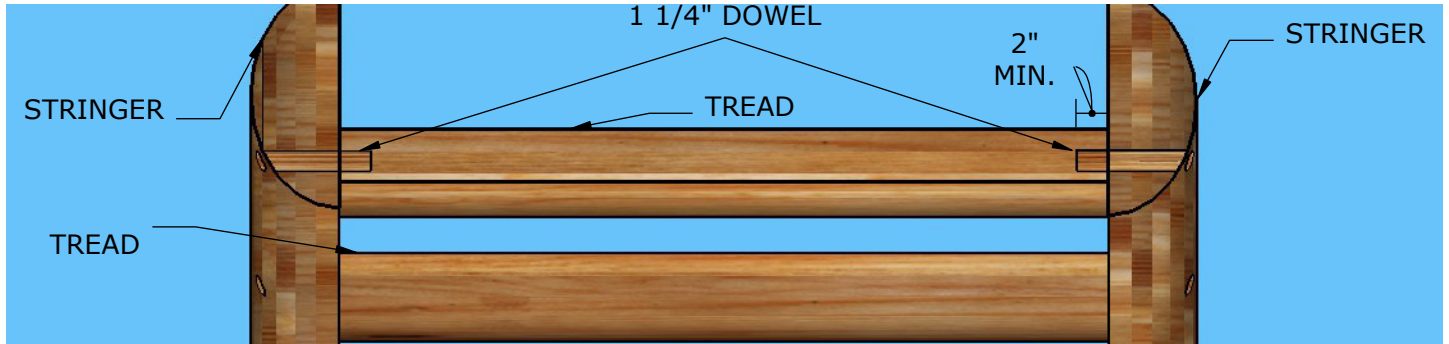


FIGURE 3 IS A FINAL 3D ISOMETRIC VIEW OF THE HALF LOG STAIR ASSEMBLED.

