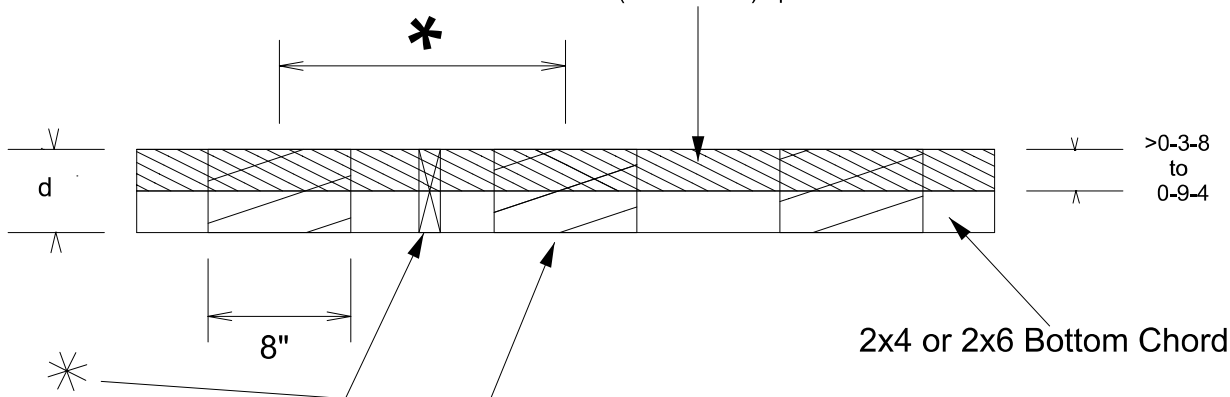




NOTES:

1. THIS IS A SPECIFIC REPAIR DETAIL TO BE USED ONLY FOR ITS ORIGINAL INTENTION. THIS REPAIR DOES NOT IMPLY THAT THE REMAINING PORTION OF THE TRUSS IS UNDAMAGED. THE ENTIRE TRUSS SHALL BE INSPECTED TO VERIFY THAT NO FURTHER REPAIRS ARE REQUIRED. WHEN THE REQUIRED REPAIRS ARE PROPERLY APPLIED, THE TRUSS WILL BE CAPABLE OF SUPPORTING THE LOADS INDICATED.
2. ALL MEMBERS MUST BE RETURNED TO THEIR ORIGINAL POSITIONS BEFORE APPLYING REPAIR AND HELD IN PLACE DURING APPLICATION OF THE REPAIR.
3. THE END DISTANCE, EDGE DISTANCE, AND SPACING OF NAILS SHALL BE SUCH AS TO AVOID UNUSUAL SPLITTING OF THE WOOD.
4. WHEN NAILING THE PLYWOOD GUSSETS AND/OR SCABS, THE USE OF A BACKUP WEIGHT IS RECOMMENDED TO AVOID LOOSENING OF THE CONNECTOR PLATES AT THE JOINTS OR SPLICES.

New 2x\_ member (on edge) of No.2 grade or better added to the bottom chord. 2x\_ members may be ripped an appropriate amount to accommodate the floor height required. On 2-ply trusses nail new members together prior to installation with two rows of 10d (0.131" X 3") spaced 6" o.c.



\* Solid blocking or X-Bracing spaced 48" on center required when padding up the bottom chord greater than 0-7-4 past it's original height.

Attach d x 8"x 1/2" plywood (or 7/16" O.S.B.) APA rated sheathing to each face of truss (shaded area) w/ construction quality adhesive and (3) - 6d (0.113" X 2") nails into original bottom chord and (5) - 6d (0.113" X 2") nails in new member from each side as shown. (Total - 16 nails)

\* Maximum gusset spacing to be the lesser of 36" o.c. or the maximum Bottom Chord purlin spacing as shown on the individual Engineering Truss Drawings.

IMPORTANT

Original truss must be designed for the loads that will be imposed by the intended use which requires padding up the bottom chord. This repair is to be used only with trusses spaced at 24" o.c. maximum. Trusses not fitting these criteria should be examined individually.

REFER TO INDIVIDUAL TRUSS DESIGN FOR PLATE SIZES AND LUMBER GRADES



July 11, 2023

