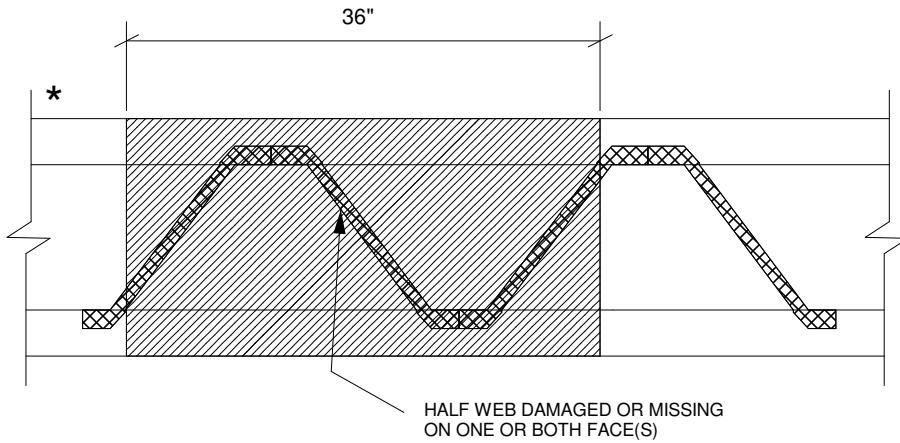




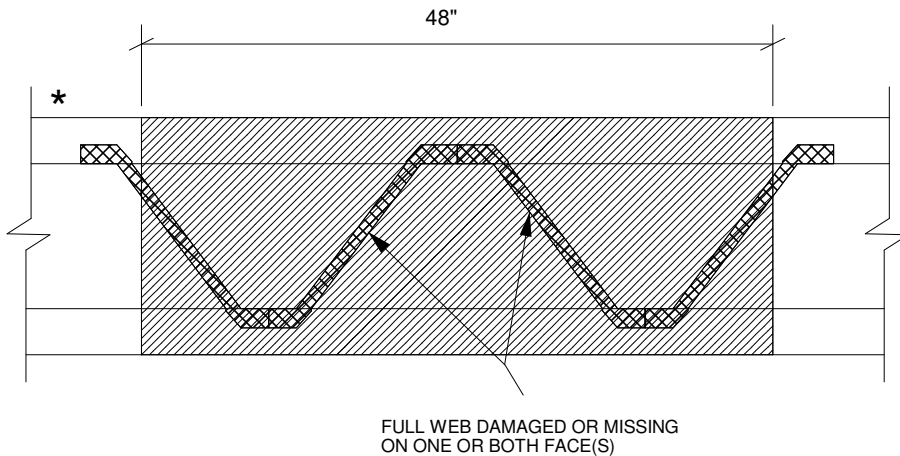
1. THIS REPAIR IS TO BE USED FOR SINGLE PLY TRUSSES WITH 2x3 OR 2x4 LUMBER IN THE CHORDS ONLY.
2. MINIMUM CHORD LUMBER SPECIFIC GRAVITY = 0.42 (SPF)
3. THE END DISTANCE, EDGE DISTANCE, AND SPACING OF NAILS SHALL BE SUCH AS TO AVOID SPLITTING OF THE WOOD.
4. CONNECTOR PLATES MUST BE FULLY IMBEDDED AND UNDISTURBED.
5. 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.

REFER TO INDIVIDUAL TRUSS DESIGN FOR PLATE SIZES, LUMBER GRADES AND FORCE IN PANEL TO BE REPAIRED.



ATTACH 3/4" PLYWOOD OR OSB GUSSET (23/32" APA RATED SHEATHING 48/24 EXP 1) TO EACH FACE OF TRUSS WITH CONSTRUCTION QUALITY ADHESIVE AND TWO ROWS OF (0.131" X 2.5" MIN.) NAILS SPACED @ 4" O.C. NAILS TO BE DRIVEN FROM BOTH FACES. STAGGER SPACING FROM FRONT TO BACK FACE FOR A NET 2" O.C. SPACING IN EACH COVERED WOOD TRUSS MEMBER. USE 2" MEMBER END DISTANCE.

* IF FIRST HALF WEB OR FULL WEB IS DAMAGED, GUSSET SHALL START FLUSH WITH END OF TRUSS.



ATTACH 3/4" PLYWOOD OR OSB GUSSET (23/32" APA RATED SHEATHING 48/24 EXP 1) TO EACH FACE OF TRUSS WITH CONSTRUCTION QUALITY ADHESIVE AND TWO ROWS OF (0.131" X 2.5" MIN.) NAILS SPACED @ 4" O.C. NAILS TO BE DRIVEN FROM BOTH FACES. STAGGER SPACING FROM FRONT TO BACK FACE FOR A NET 2" O.C. SPACING IN EACH COVERED WOOD TRUSS MEMBER. USE 2" MEMBER END DISTANCE.

MAXIMUM ALLOWABLE FORCE IN DAMAGED WEB	
CHORD SPECIES	MAX. FORCE
SP	1650
SPF	1518
DF	1606
HF	1540