STANDARD REPAIR DETAIL FOR DAMAGED OR MISSING
POSI-STRUT METAL WEB

1. THIS REPAIR IS TO BE USED FOR SINGLE PLY TRUSSES IN THE 3X_ OR 4X_
   ORIENTATION 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.

ATTACH 3/4" PLYWOOD OR OSB GUSSET (23/32" APA RATED SHEATHING 48/24 EXP 1)
TO EACH SIDE OF TRUSS WITH CONSTRUCTION QUALITY ADHESIVE AND ONE
ROW OF 10d (0.131" X 3") NAILS SPACED 3" O.C. FROM EACH FACE.

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

MAXIMUM ALLOWABLE FORCE
IN DAMAGED WEB

<table>
<thead>
<tr>
<th>CHORD SPECIES</th>
<th>MAX. FORCE</th>
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<tbody>
<tr>
<td>SP</td>
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<tr>
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