



# UFP SITE BUILT

A UFP INDUSTRIES COMPANY

## MUNGO HOMES OF NC

**TRUSS:** A3  
**JOB ID:** 72439471  
**DELIVERY DATE:** 3/7/2025

**REQUESTED BY:** Parker, Jarrett  
**EMAIL:** jparker@mungo.com  
**REQUESTED ON:** 3/31/2025

**SUBDIVISION/MODEL:** LANGDON PRESERVE  
**LOT #:** 17

**DELIVERY ADDRESS:** 84 GROVE TOWNSHIP WAY  
ANGIER, NC 27501

**REPAIR ID:** MII-REP01A2 (ATTACHED)



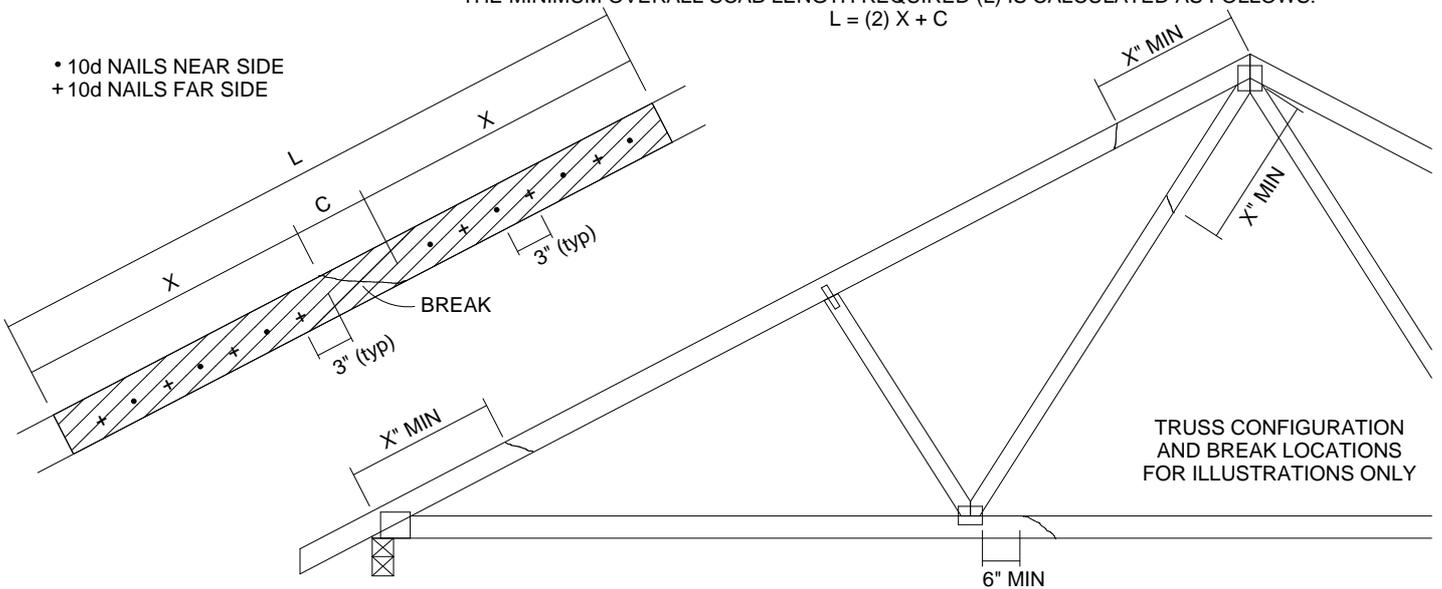
TOTAL NUMBER OF NAILS EACH SIDE OF BREAK *	X INCHES	MAXIMUM FORCE (lbs) 15% LOAD DURATION				
		SP	DF	SPF	HF	SPF-S
2x3		2x3	2x3	2x3	2x3	2x3
7	24"	813	748	636	644	555
9	30"	1045	962	817	828	714
11	36"	1277	1176	999	1012	872
13	42"	1510	1390	1181	1196	1031
15	48"	1742	1604	1362	1380	1190

\* DIVIDE EQUALLY FRONT AND BACK

ATTACH 2x3 SCAB OF THE SAME GRADE AS THE BROKEN MEMBER TO EACH FACE OF THE TRUSS (CENTER ON BREAK OR SPLICE) W/CONSTRUCTION QUALITY ADHESIVE AND ONE ROW OF 10d (0.131" X 3") NAILS SPACED 3" O.C. STAGGERED AS SHOWN.

THE LENGTH OF THE BREAK (C) SHALL NOT EXCEED 12". (C=PLATE LENGTH FOR SPLICE REPAIRS) THE MINIMUM OVERALL SCAB LENGTH REQUIRED (L) IS CALCULATED AS FOLLOWS:  
 $L = (2) X + C$

• 10d NAILS NEAR SIDE  
 + 10d NAILS FAR SIDE



THE LOCATION OF THE BREAK MUST BE GREATER THAN OR EQUAL TO THE REQUIRED X DIMENSION FROM ANY PERIMETER BREAK OR HEEL JOINT AND A MINIMUM OF 6" FROM ANY INTERIOR JOINT (SEE SKETCH ABOVE)

DO NOT USE REPAIR FOR JOINT SPLICES

NOTES:

1. THIS REPAIR DETAIL IS TO BE USED ONLY FOR THE APPLICATION SHOWN. 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 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 SCABS, THE USE OF A BACKUP WEIGHT IS RECOMMENDED TO AVOID LOOSENING OF THE CONNECTOR PLATES AT THE JOINTS OR SPLICES.
5. THIS REPAIR IS TO BE USED FOR SINGLE PLY TRUSSES IN THE 2x. ORIENTATION ONLY.
6. THIS REPAIR IS LIMITED TO TRUSSES WITH NO MORE THAN THREE BROKEN MEMBERS.



June 9, 2024

**WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.**  
 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbccomponents.com)

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