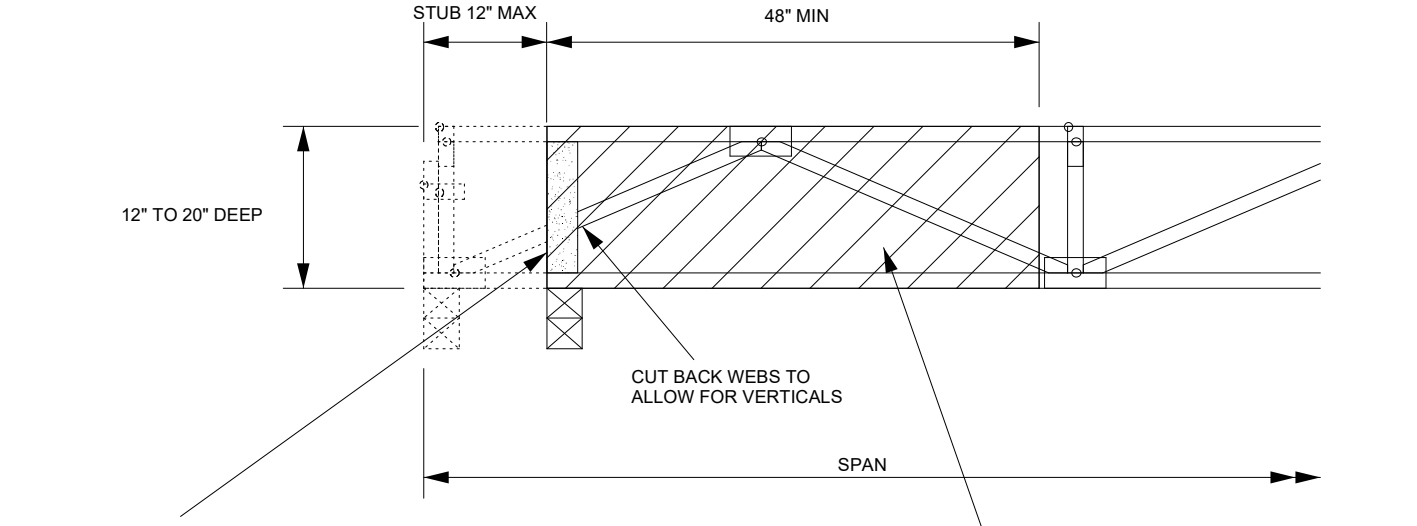
SEPTEMBER 1, 2021	STANDARD REPAIR DETAIL FOR STUBBING A FLOOR TRUSS	MII-REP07

MiTek USA, Inc.

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 REPAIR.
3. THE END DISTANCE, EDGE DISTANCE, AND SPACING OF NAILS SHALL BE SUCH AS TO AVOID SPLITTING OF THE WOOD.
4. LUMBER MUST BE CUT CLEANLY AND ACCURATELY AND THE REMAINING WOOD MUST BE UNDAMAGED.
5. THIS REPAIR IS TO BE USED FOR SINGLE PLY TRUSSES IN THE 4X_ ORIENTATION ONLY.
6. CONNECTOR PLATES MUST BE FULLY IMBEDDED AND UNDISTURBED.

DUCT OPENINGS MUST BE LOCATED WITHIN 12" OF THE CENTER OF THE ORIGINAL SPAN

REFER TO INDIVIDUAL TRUSS DESIGN FOR PLATE SIZES AND LUMBER GRADES



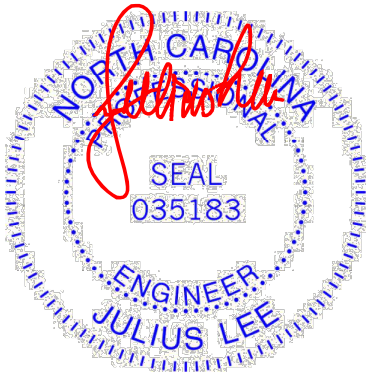
✳ WHEN USING NAILS OF SMALLER DIAMETER (0.131" X 3") REDUCE SPACING TO 3" O.C.

MAX. SPAN

DEPTH	24" O.C.	19.2" O.C.	16" O.C.
12"	16'-6"	20'-0"	20'-0"
14"	19'-3"	23'-4"	23'-4"
16"	22'-0"	26'-8"	26'-8"
18"	24'-10"	30'-0"	30'-0"
20"	27'-7"	30'-4"	30'-4"

LOADING

TCLL = 40 PSF
TCDL = 10 PSF
BCLL = 0 PSF
BCDL = 5 PSF



January 11,2023

818 Soundside Road
Edenton, NC 27932

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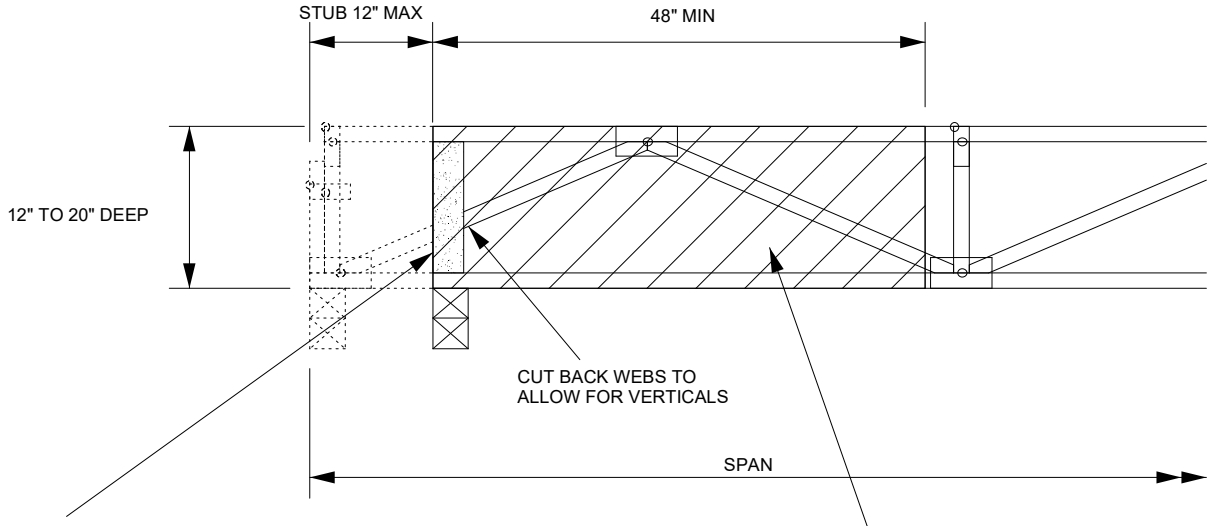

ADD DOUBLE 4X2 SPF STUD OR BETTER BLOCKING CUT TO FIT TIGHT BETWEEN CHORDS

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 (0.148" X 3") NAILS SPACED 4" O.C.. ✳

✳WHEN USING NAILS OF SMALLER DIAMETER (0.131" X 3") REDUCE SPACING TO 3" O.C.

MAX. SPAN

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12"	16'-6"	20'-0"	20'-0"
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20"	27'-7"	30'-4"	30'-4"

LOADING
TCLL = 40 PSF
TCDL = 10 PSF
BCLL = 0 PSF
BCDL = 5 PSF

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 27482
JULIUS LEE
January 11,2023

ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932