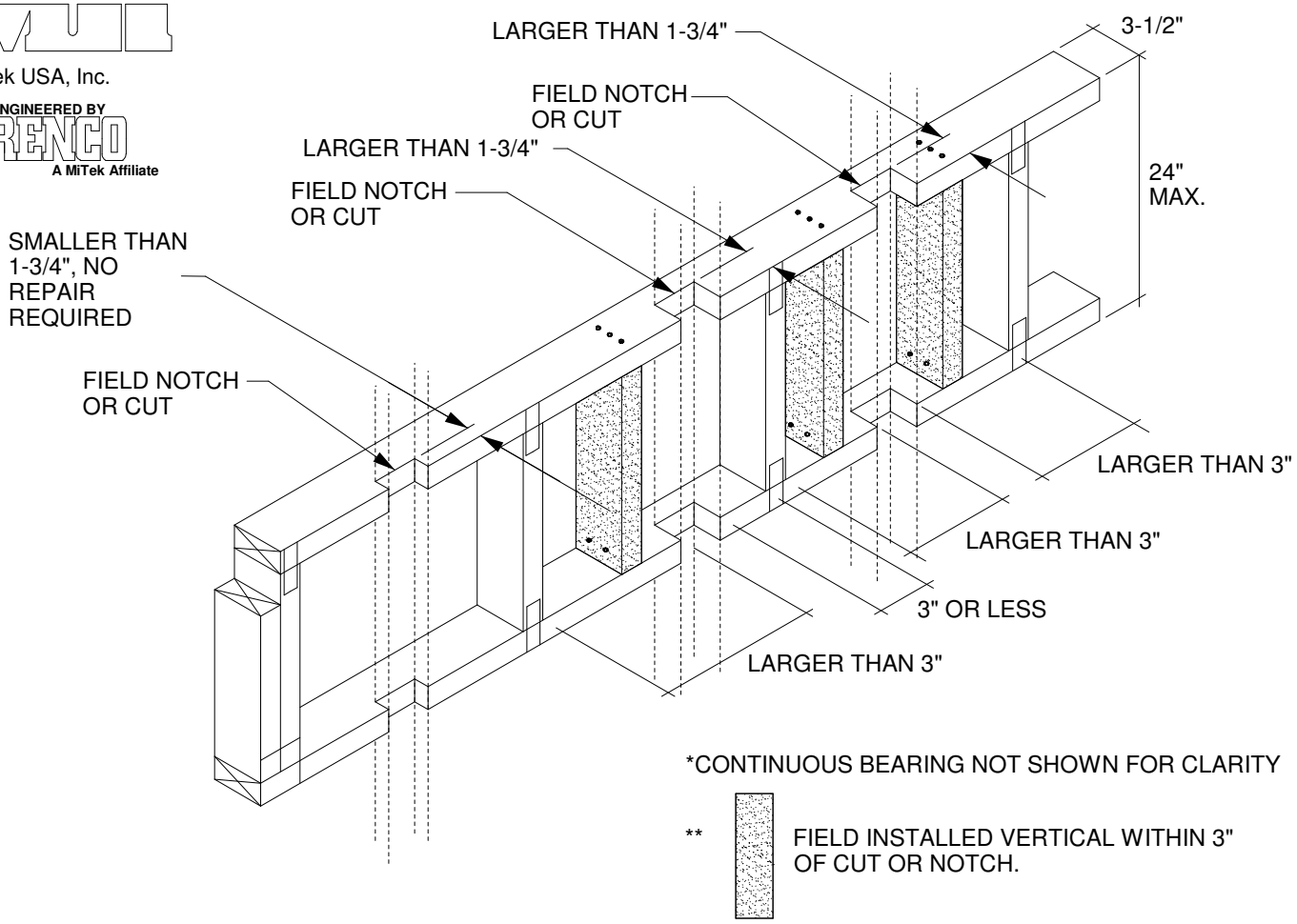
| JANUARY 12, 2018 | FLOOR GABLE REPAIR DETAIL | MII-FLR-GBL |
|---|---|---|

MiTek USA, Inc.

ENGINEERED BY TRENCO
A MiTek Affiliate




*CONTINUOUS BEARING NOT SHOWN FOR CLARITY

** FIELD INSTALLED VERTICAL WITHIN 3" OF CUT OR NOTCH.

FLOOR GABLES(S) (LADDER TRUSSES) ARE CONVENTIONAL WALLS WITH CONNECTOR PLATES PER ANSI/TPI1 SECTION 6.6 AND USED IN CONVENTIONAL WALL FRAMING MEETING IRC SECTION R602. REFER TO MITEK/TRENCO DESIGN DRAWING FOR MATERIAL SPECIFICATIONS.

1. THIS DETAIL VALID ONLY FOR VERTICAL DOWNWARD ACTING LOADS. DRAG, SHEAR, OR LATERAL LOADS HAVE NOT BEEN CONSIDERED.
2. FLOOR GABLES MAY BE STUBBED DUE TO CHANGE IN FIELD CONDITIONS; ADD FIELD INSTALLED MEMBER(S) AT STUBBED END.
3. NOTCHING/CUTTING OF CHORDS SHALL BE PERMITTED AS SHOWN. FIELD INSTALLED VERTICALS SHALL BE ADDED WHEN THE NOTCH/CUT IS LARGER THAN 1-3/4" AND NOTCH/CUT END IS GREATER THAN 3" FROM ANOTHER VERTICAL MEMBER.
4. FIELD INSTALLED MEMBERS SHALL BE 2x4 No. 3 OR BETTER, CUT TO FIT TIGHT, AND ATTACHED WITH (3) 3" x 0.131" END NAILS OR (4) 3"x 0.131" TOE NAILS AT EACH END.
5. NOTCHING/CUTTING OF VERTICALS STUDS PERMITTED PER THE LOCAL, STATE OR NATIONAL BUILDING CODE.
6. SEE IRC SECTION R602 WOOD WALL FRAMING FOR ADDITIONAL REQUIREMENTS NOT LISTED HERE.
7. CONCENTRATED LOADS FROM ABOVE (POSTS OR MULTIPLE STUDS BELOW HEADERS) MUST HAVE AN EQUAL NUMBER OF STUDS IN THE LADDER FRAME DIRECTLY BELOW.
8. FOR UNIFORMLY LOADED LADDER FRAMES WITH A WALL ABOVE, THE STUDS IN THE WALL NEED NOT ALIGN WITH THE STUDS OF THE LADDER ASSUMING THE WALL ABOVE HAS A 1 1/2" SOLE PLATE OF EQUAL WIDTH TO THE LADDER FRAME BELOW.