

NOTES:

1. Strongbacks shall be installed according to details A, B, C, D or E.
2. **Details A & B:** 2x4 SPF #2 DRY (or better) vertical block attached to top and bottom chords with 2 - 3.0" spiral nails (See note 7). Place narrow edge of strongback against top or bottom chord and connect strongback to vertical block with 3 - 3.0" spiral nails. (2 - 3.0" spiral nails for 2x3 strongback). Strongback size and grade shall be 2x3 SPF #2 DRY, or better.
3. **Detail C:** Place narrow edge of strongback against top or bottom chord and connect to vertical web with 3 - 3.0" spiral nails, or as per detail C (See note 7).
4. **Detail D (End Detail):** Connect each end of strongback to the gable ladder vertical webs using 3 - 3.0" spiral nails (See note 7).
Splice Detail: Connect a 48" splice member to strongback with 12 - 3.0" spiral nails (See note 7) equally spaced along splice. Splice member shall be centered on splice joint (24" on each side of splice joint) and be of the same lumber size (or greater) as the strongback. Alternatively, the ends of two strongbacks may be overlapped 48" (min) and connected with 12 - 3.0" spiral nails, as above. A section of strongback that is cut out between two trusses shall be spliced as above with a minimum strongback splice length equal to 3 truss spacings. Center strongback splice over the cut out section.
5. **Detail E:** Fasten strongbacks to top chord or bottom chord using 2 - 3.0" # 8 wood screws. This method may only be used with a maximum strongback size of 2x6. Locate screws 3/4" from the edge of chord. For 2x8 and 2x10 strongbacks use Details A, B or C.
6. Each strongback length must connect at least three consecutive trusses. Additional strongback lengths are to be connected according to Detail D. Each end of the total strongback length must be adequately anchored to an exterior wall, or other rigid structure, to achieve maximum effectiveness of strongback.
7. Spiral nails used to attach strongbacks shall have a minimum diameter of 0.120".
8. This detail shall be used only in conjunction with sealed MiTek truss drawings.
9. This drawing is not valid after April 30, 2021.

