

**NOTES:**

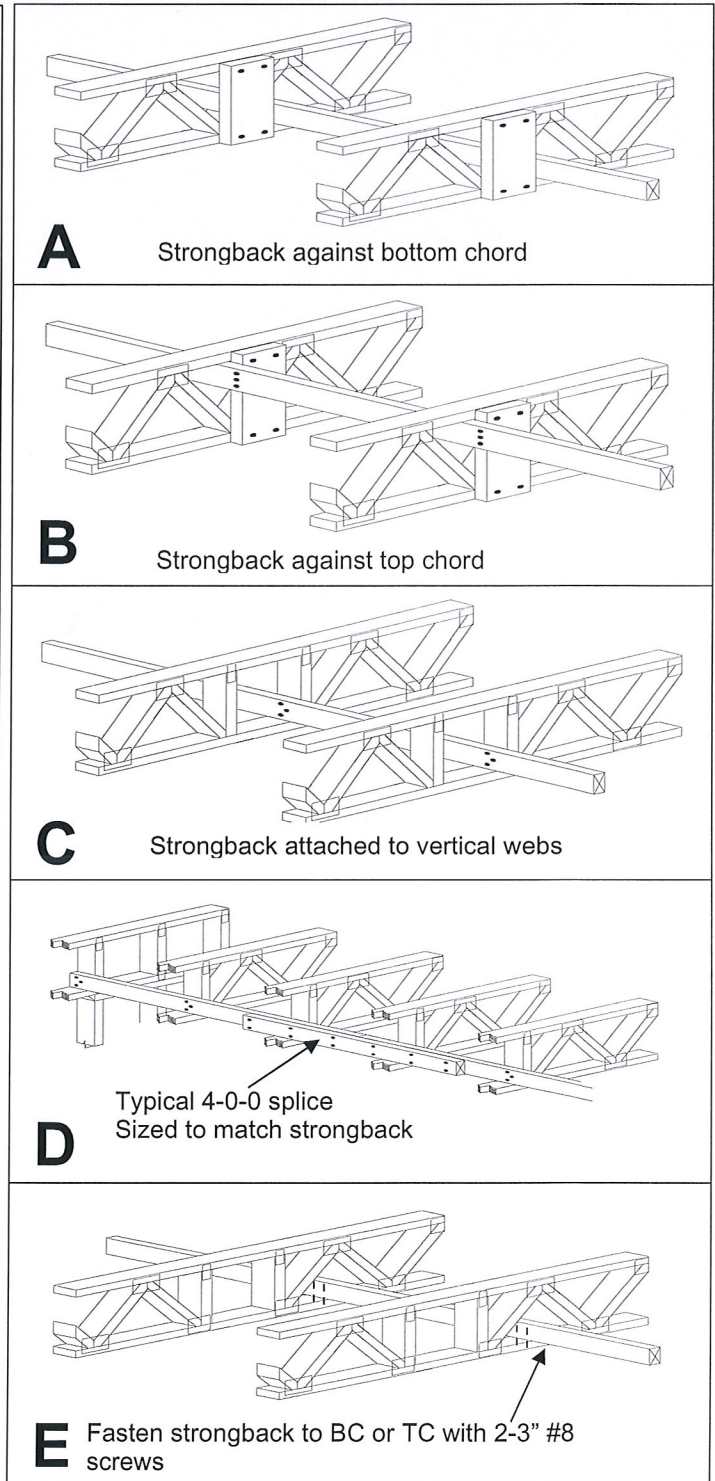
1. Strongback shall be installed according to the details A, B, C, D or E
2. **Detail A & B:** 2x4 vertical block attached to top and bottom chord with 2 – 3.0" common spiral nails. Place strongbacks on bottom / top chord, and connect to vertical block with 3 – 3.0" common spiral nails
3. **Detail C:** Place strongbacks on bottom chord or top chord, and connect to vertical web with 3 - 3" common spiral nails
4. **Detail D:** End Detail. Connect each end of strongback to gable ladder vertical webs using 3 - 3" common spiral nails.  
Splice Detail: Splice connected to strongback with 12-3" common spiral nails equally spaced along splice.
5. **Detail E:** - Fasten strongbacks to bottom chord or top chord using 2-3.0" #8 screws. This method may be used only with maximum strongback size of 2x6. Locate screws 3/4" from the edge of chord.
6. Floor Truss length without strongback must not exceed 11.0 ft even if the truss passes vibration check.
7. This detail shall be used only in conjunction with sealed MiTek truss drawings.
8. **This drawing is not valid after April 30, 2011**

**STRONGBACK MAXIMUM SPACING (FT.) REQUIREMENTS**

- For load sharing, fire rating and to eliminate excessive differences in deflection of adjacent trusses.
- Vibration may require additional strongbacks

Lumber Size	Single Strongback	Double Strongback at Midspan
2x4	6	7
2x6	8	10
2x8	10	12
2x10	11	14

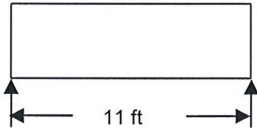
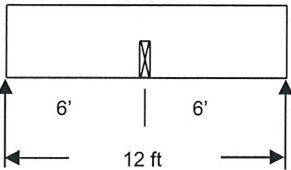
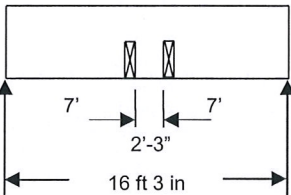
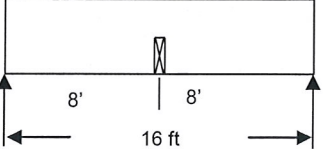
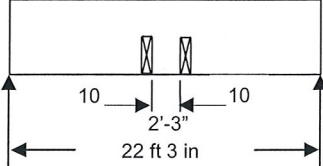
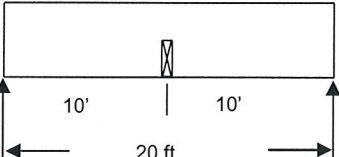
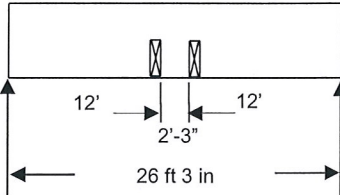
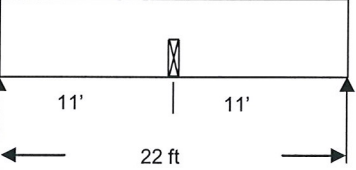
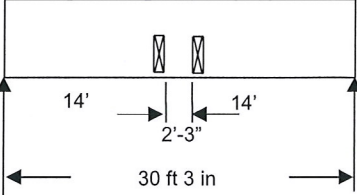
APR 28 2009



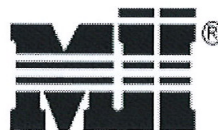
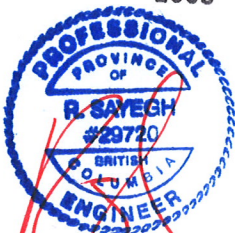
MiTek Canada Inc

100 Industrial Rd., P.O. Box 329  
Bradford, Ontario L3Z 3G7

(Not to Scale)

STRONGBACK LUMBER SIZE	SINGLE STRONGBACK	DOUBLE STRONGBACK AT MIDSPAN
NO STRONGBACK		
2x4		
2x6		
2x8		
2x10		

APR 28 2009



MiTek Canada Inc

100 Industrial Rd., P.O. Box 329  
Bradford, Ontario L3Z 3G7