

BRACING FOR THREE PLANES OF ROOF EL ARRIOSTRE EN TRES PLANOS DE TECHO

✓ This bracing method is for all trusses except 3x2 and 4x2 parallel chord trusses.
Este método de arriostre es para todo trusses excepto trusses de cuerdas paralelas 3x2 y 4x2.

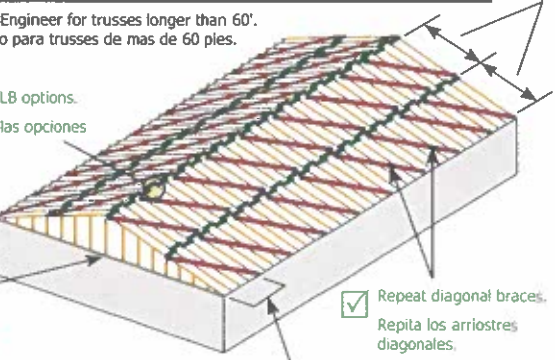
1) TOP CHORD — CUERDA SUPERIOR

Truss Span Longitud de Tramo	Top Chord Temporary Lateral Brace (TCLB) Spacing Espaciamiento del Arriostre Temporal de la Cuerda Superior
Up to 30'	10' o.c. max.
Hasta 30 pies	10 pies máximo
30' to 45'	8' o.c. max.
30 a 45 pies	8 pies máximo
45' to 60'	6' o.c. max.
45 a 60 pies	6 pies máximo
60' to 80'	4' o.c. max.
60 a 80 pies*	4 pies máximo

*Consult a Professional Engineer for trusses longer than 60'.
*Consulte a un ingeniero para trusses de mas de 60 pies.

✓ See BCSI-B2 for TCLB options.
Vea el BCSI-B2 para las opciones de TCLB.

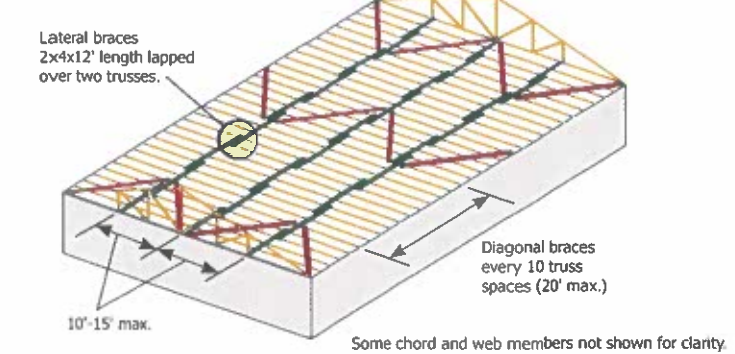
Refer to BCSI-B6, Summary Sheet - Gable End Frame Bracing.
Vea el resumen BCSI-B6 - Arriostre del truss terminal de un techo a dos aguas.



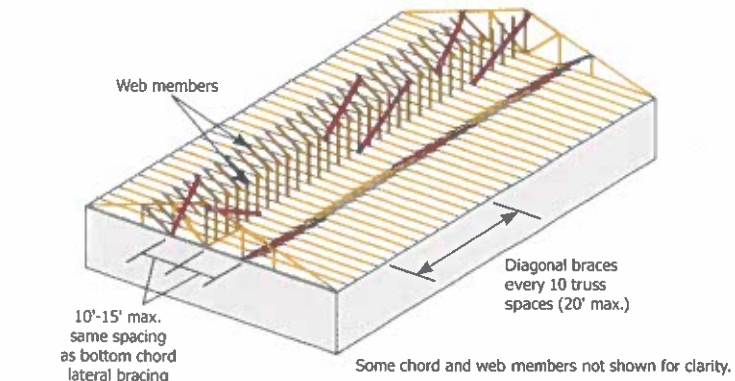
✓ Repeat diagonal braces.
Repita los arriostres diagonales.

✓ Set first five trusses with spacer pieces, then add diagonals. Repeat process on groups of four trusses until all trusses are set.
Instale los cinco primeros trusses con espaciadores, luego los arriostres diagonales. Repita este procedimiento en grupos de cuatro trusses hasta que todos los trusses estén instalados.

2) BOTTOM CHORD — CUERDA INFERIOR



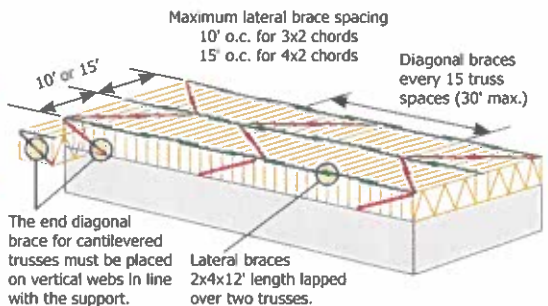
3) WEB MEMBER PLANE — PLANO DE LOS MIEMBROS SECUNDARIOS



DIAGONAL BRACING IS VERY IMPORTANT
IEL ARRIOSTRE DIAGONAL ES MUY IMPORTANTE!

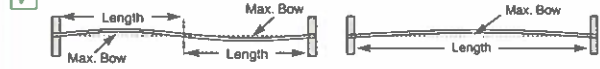
BRACING FOR 3x2 AND 4x2 PARALLEL CHORD TRUSSES EL ARRIOSTRE PARA TRUSSES DE CUERDAS PARALELAS 3x2 Y 4x2

Refer to BCSI-B7, Summary Sheet - Temporary and Permanent Bracing for Parallel Chord Trusses for more information.
Vea el resumen BCSI-B7 - Arriostre temporal y permanente de trusses de cuerdas paralelas para mayor información.



INSTALLING — INSTALACION

✓ Tolerances for Out-of-Plane: — Tolerancias para Fuera-de-Plano.



✓ Tolerances for Out-of-Plumb.
Tolerancias para Fuera-de-Plomada.

D/50	D (ft.)
1/4"	1'
1/2"	2'
3/4"	3'
1"	4'
1-1/4"	5'
1-1/2"	6'
1-3/4"	7'
2"	≥ 8'

Max. Bow	Truss Length
3/4"	12.5'
7/8"	14.6'
1"	16.7'
1-1/8"	18.8'
1-1/4"	20.8'
1-3/8"	22.9'
1-1/2"	25.0'
1-3/4"	29.2'
2"	≥ 33.3'

CONSTRUCTION LOADING — CARGA DE CONSTRUCCION

Do not proceed with construction until all bracing is securely and properly in place.
No proceda con la construcción hasta que todos los arriostres estén colocados en forma apropiada y segura.

Do not exceed maximum stack heights. Refer to BCSI-B4, Summary Sheet - Construction Loading for more information.
No exceda las máximas alturas recomendadas. Vea el resumen BCSI-B4 Carga de Construcción para mayor información.

Material	Height (h)
Gypsum Board	12"
Plywood or OSB	16"
Asphalt Shingles	2 bundles
Concrete Block	8"
Clay Tile	3-4 tiles high

Do not overload small groups or single trusses.
No sobrecargue pequeños grupos o trusses individuales.

Place loads over as many trusses as possible.
Coloque las cargas sobre tantos trusses como sea posible.
Position loads over load bearing walls.
Coloque las cargas sobre las paredes soportantes.

ALTERATIONS — ALTERACIONES

Refer to BCSI-B5 Summary Sheet - Truss Damage, Jobsite Modifications and Installation Errors.
Vea el resumen BCSI-B5 Daños de trusses, Modificaciones en la Obra y Errores de Instalación.

Do not cut, alter, or drill any structural member of a truss unless specifically permitted by the Truss Design Drawing.
No corte, altere o perfore ningún miembro estructural de los trusses, a menos que esté específicamente permitido en el dibujo del diseño del truss.

Trusses that have been overloaded during construction or altered without the Truss Manufacturer's prior approval may render the Truss Manufacturer's limited warranty null and void.

Trusses que se han sobrecargado durante la construcción o han sido alterados sin una autorización previa del Fabricante de Trusses, pueden reducir o eliminar la garantía del Fabricante de Trusses.

NOTE: The Truss Manufacturer and Truss Designer must rely on the fact that the Contractor and crane operator (if applicable) are capable to undertake the work they have agreed to do on a particular project. The Contractor should seek any required assistance regarding construction practices from a competent party. The methods and procedures outlined are intended to ensure that the overall construction techniques employed will put floor and roof trusses into place SAFELY. These recommendations for handling, installing and bracing wood trusses are based upon the collective experience of leading technical personnel in the wood truss industry, but must, due to the nature of responsibilities involved, be presented only as a GUIDE for use by a qualified Building Designer or Erection/Installation Contractor. It is not intended that these recommendations be interpreted as superior to any design specification (provided by either an Architect, Engineer, the Building Designer, the Erection/Installation Contractor or otherwise) for handling, installing and bracing wood trusses and it does not preclude the use of other equivalent methods for bracing and providing stability for the walls and columns as may be determined by the truss Erection/Installation Contractor. Thus, the Wood Truss Council of America and the Truss Plate Institute expressly disclaim any responsibility for damages arising from the use, application, or reliance on the recommendations and information contained herein.

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