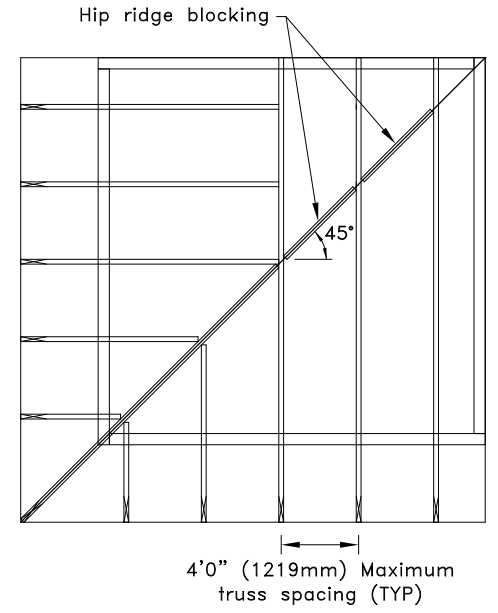


Plan View of Connection

Top chord live load – 40 PSF (1.92 kN/m²) maximum
 Top chord dead load – 15 PSF (0.72 kN/m²) maximum

- Wind loading:
- ASCE 7-05 – 140 mph (58 m/s) maximum wind speed
 - ASCE 7-10 – 180 mph (80 m/s) maximum wind speed
 - ASCE 7-16 – 180 mph (80 m/s) maximum wind speed
 - Building exposure B or C
 - Building category II
 - Mean roof height is 50 ft. (15240mm) maximum
 - No topographic effect from escarpment or hill taken into account ($k_{z1} = 1.0$)
 - Enclosed building



Partial Roof Layout

General Notes:

1. SDS = self-drilling tapping screw.
2. Screw spacing, edge distance and end distance is 9/16" (14mm) minimum for #10SDS and 3/4" (19mm) minimum for #14AMDB1.25 fasteners.
3. Hip ridge blocking designed to support vertical load only (from gravity load and wind load). If blocking needs to support any other type of load, contact a TrusSteel engineer.
4. This detail may be used for roof pitches from 2.2/12 (10°) to 12/12 (45°).
5. Equal screws must be placed in flat areas for Z-webs. Refer to TS011A and TS068 for fastener contact areas.
6. Cold-Formed Steel Calculations are per the AISI 2016 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-16).

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Hip Ridge Blocking Framing Detail For 48" (1219mm) O.C. Trusses

Alpine, a division of ITW Building Components Group, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine, a division of ITW Building Components Group, Inc.

Standard Detail:
 TS056A
Date:
 10/11/18
TrusSteel Detail Category:
 Hip Framing

Florida: 6750 Forum Drive, Suite 305 / Orlando, FL 32821 / (800) 755-6001
 Missouri: 13723 Riverport Drive, Suite 200 / Maryland Heights, MO 63043 / (800) 326-4102