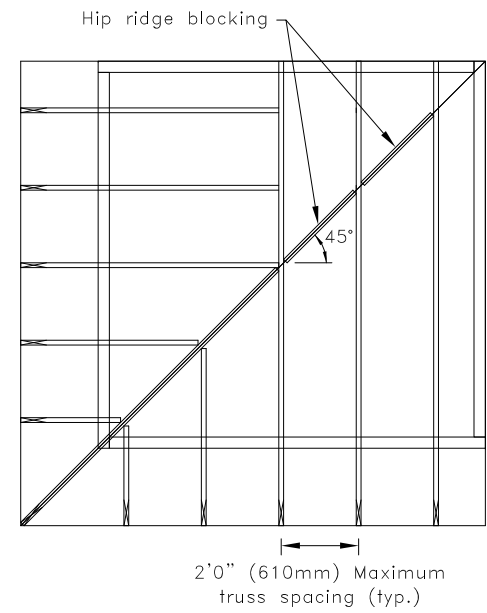
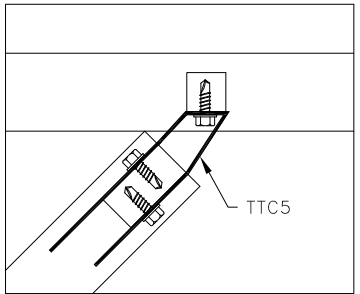


Top chord live load – 40 PSF (1.92 kN/m²) maximum
 Top chord dead load – 15 PSF (0.72 kN/m²) maximum
 Wind loading:

- ASCE 7-05 – 140 mph (58 m/s) maximum wind speed
- ASCE 7-10 – 180 mph (80 m/s) maximum wind speed
- 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 ($k_{zt} = 1.0$)
- Enclosed building



Partial Roof Layout



Plan View of Connection

General Notes:

1. SDS = self-drilling tapping screw. Screw spacing, edge distance and end distance is 9/16" (14mm) minimum for #10SDS and 3/4" (19mm) minimum for #14AMDB1.25 fasteners.
2. The supported truss must be designed utilizing a clip bearing type.
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 1.5/12 (7.13°) to 12/12 (45°).
5. Cold-Formed Steel Calculations are per the 2010 supplement to the AISI 2007 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-07/S2-10).

TrusSteel[®]
 www.TrusSteel.com

Hip Ridge Blocking Framing Detail For 24" (610mm) O.C. Trusses

Standard Detail:
 TS056
Date:
 07/16/12

Florida: 1950 Marley Drive / Haines City, FL 33844 / (800) 755-6001
 Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102

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 ITW Building Components Group, Inc.

TrusSteel Detail Category:
 Hip Framing