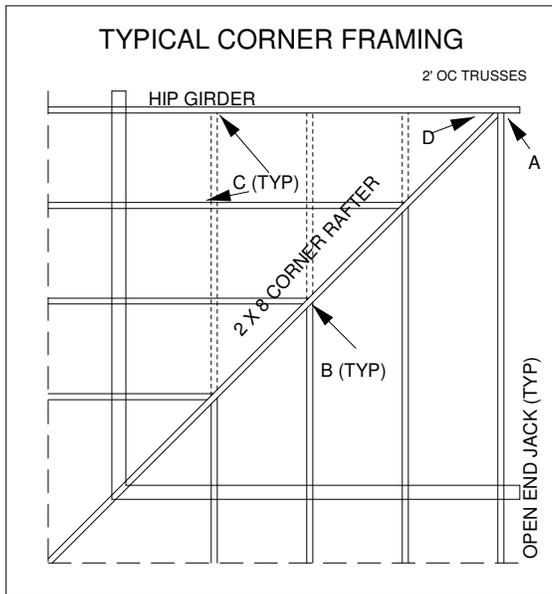
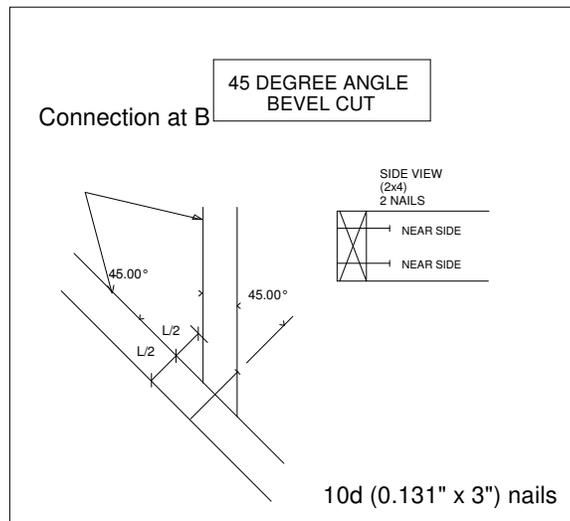
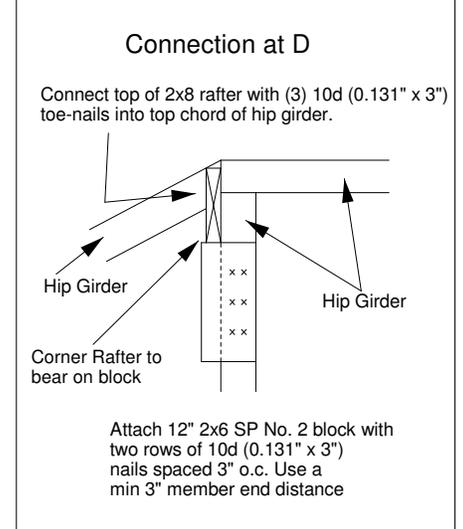
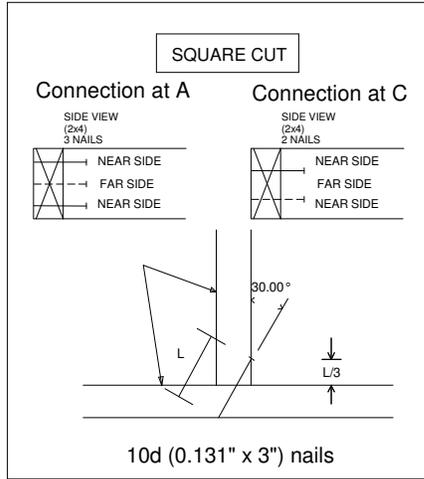
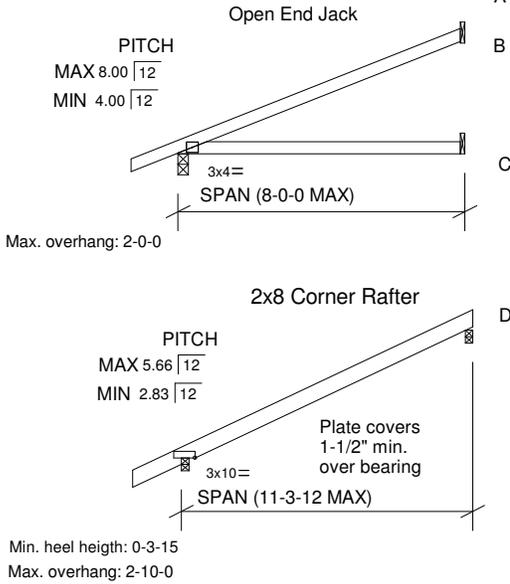


MiTek USA, Inc.  
ENGINEERED BY  
**TRENCO**  
A MiTek Affiliate



Wind loading: ASCE 7-98, ASCE 7-02, ASCE 7-05 - 90 MPH.  
ASCE 7-10, ASCE 7-16 - 115 MPH  
Exposure category B or C.  
Occupancy category II  
4.8 psf top chord dead load.  
4.2 psf bottom chord dead load.  
25' roof height.  
MWFRS gable end zone.  
Enclosed building (Cond. I)  
Duration of load is 1.60

Deflection: Top chord LL- L/180 TL- L/120  
Bottom chord LL- L/180 TL- L/120  
Truss LL- L/240 TL- L/180

Lumber: SPF MSR 2100 1.8E min. top chord required for top chord slopes between 5.01/12 and 8/12.  
SPF No. 2 min. top chord slopes between 5/12 and 4/12.  
SPF No. 2 min. bottom chord.  
SP No. 2 or better for corner rafter.

Loading: Duration of load is 1.25  
20 psf top chord live load  
8 psf top chord dead load  
0 psf bottom chord live load  
7 psf bottom chord dead load  
10 psf non-concurrent bottom chord live load

Plates: All plates are MT20 installed on each face per TPI 1.

Conforms to: IRC 2000/2003/2006/2009/2012/2015/2018  
IBC 2000/2003/2006/2009/2012/2015/2018