

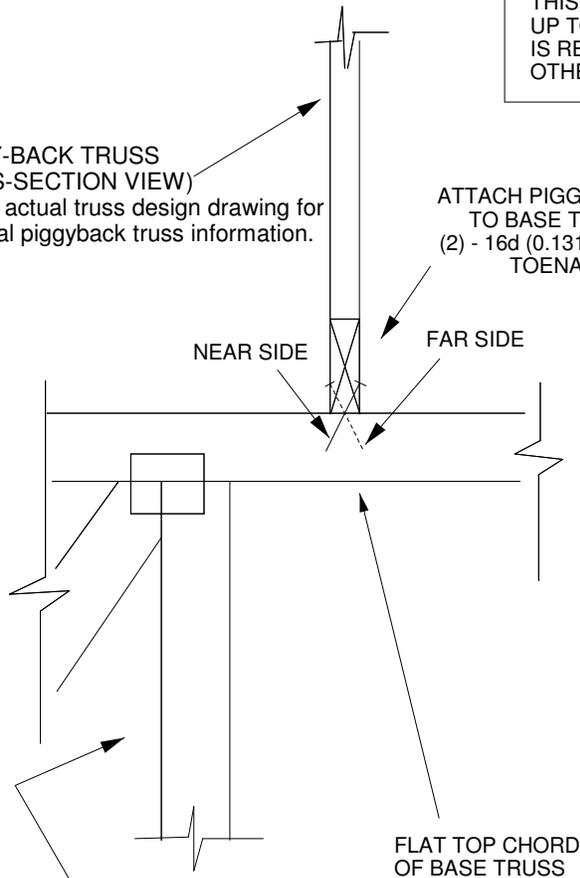
MAX MEAN ROOF HEIGHT = 30 FEET  
 BUILDING CATEGORY II  
 WIND EXPOSURE B or C  
 WIND DESIGN PER ASCE 7-98, ASCE 7-02, ASCE 7-05 100 MPH (MWFRS)  
 WIND DESIGN PER ASCE 7-10, ASCE 7-16 125 MPH (MWFRS)  
 DURATION OF LOAD INCREASE  
 FOR WIND LOADS: 1.60

DETAIL IS NOT APPLICABLE FOR TRUSSES  
 TRANSFERRING DRAG LOADS (SHEAR TRUSSES).  
 ADDITIONAL CONSIDERATIONS BY BUILDING  
 ENGINEER/DESIGNER ARE REQUIRED.

THIS DETAIL SHALL BE ONLY USED FOR RESISTING A VERTICAL WIND UPLIFT  
 UP TO 140 LBS MAXIMUM AT EACH CONNECTION POINT. BUILDING DESIGNER  
 IS RESPONSIBLE FOR THE LOAD EXCEEDING THIS LIMITATION AND/OR IN  
 OTHER DIRECTIONS.

PIGGY-BACK TRUSS  
 (CROSS-SECTION VIEW)  
 Refer to actual truss design drawing for  
 additional piggyback truss information.

ATTACH PIGGYBACK TRUSS  
 TO BASE TRUSS WITH  
 (2) - 16d (0.131" X 3.5") NAILS  
 TOENAILED.



BASE TRUSS (SIDE VIEW)  
 Refer to actual truss design drawing  
 for additional base truss information.

NOTES FOR TRUSS:

1. THIS DETAIL IS VALID FOR ONE-PLY PIGGYBACK TRUSS ONLY;
2. THE CHORD MEMBER OF PIGGYBACK AND BASE TRUSSES MUST BE SOUTHERN PINE OR DOUGLAS FIR-LARCH LUMBER;
3. THE SPACING OF PIGGYBACK TRUSSES AND BASE TRUSSES IS 2 FT OR LESS;
4. THE PIGGYBACK TRUSSES SHOULD BE PERPENDICULAR TO BASE TRUSSES.
5. PIGGYBACK TRUSS MAY NOT CANTILEVER OVER BASE TRUSS OR HAVE AN OVERHANG WHICH WILL CREATE A HIGHER UPLIFT AT CONNECTING POINT.

NOTES FOR TOE-NAIL:

1. TOE-NAILS SHALL BE DRIVEN AT AN ANGLE OF 30 DEGREES WITH THE MEMBER AND STARTED 1/3 THE LENGTH OF THE NAIL FROM THE MEMBER END AS SHOWN.
2. THE END DISTANCE, EDGE DISTANCE, AND SPACING OF NAILS SHALL BE SUCH AS TO AVOID UNUSUAL SPLITTING OF THE WOOD.