## Use of Connectors and Brackets

## HOME BUILDER'S GUIDE TO COASTAL CONSTRUCTION

**Technical Fact Sheet No. 4.3** 

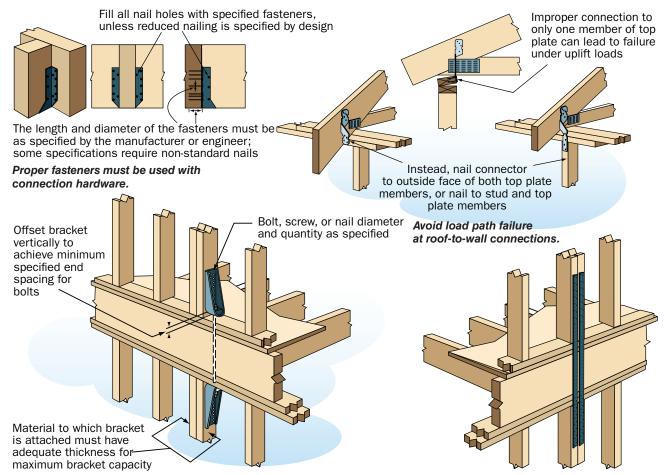
**Purpose:** To highlight important building connections and illustrate the proper use of various types of connection hardware.

## **Key Issues**

Never rely on toe-nailing for uplift connections in high-wind areas



- In high-wind regions, special hardware is used for most framing connections. Toe-nailing is not an acceptable method for resisting uplift loads in high-wind regions.
- Hardware must be installed according to the manufacturer's or engineer's specifications.
- The correct number of the specified fasteners (length and diameter) must be used with connection hardware.
- Avoid cross-grain tension in connections.
- Metal hardware must be adequately protected from corrosion (see NFIP Technical Bulletin 8-96).
- Connections must provide a continuous load path (see Fact Sheet No. 4.1).

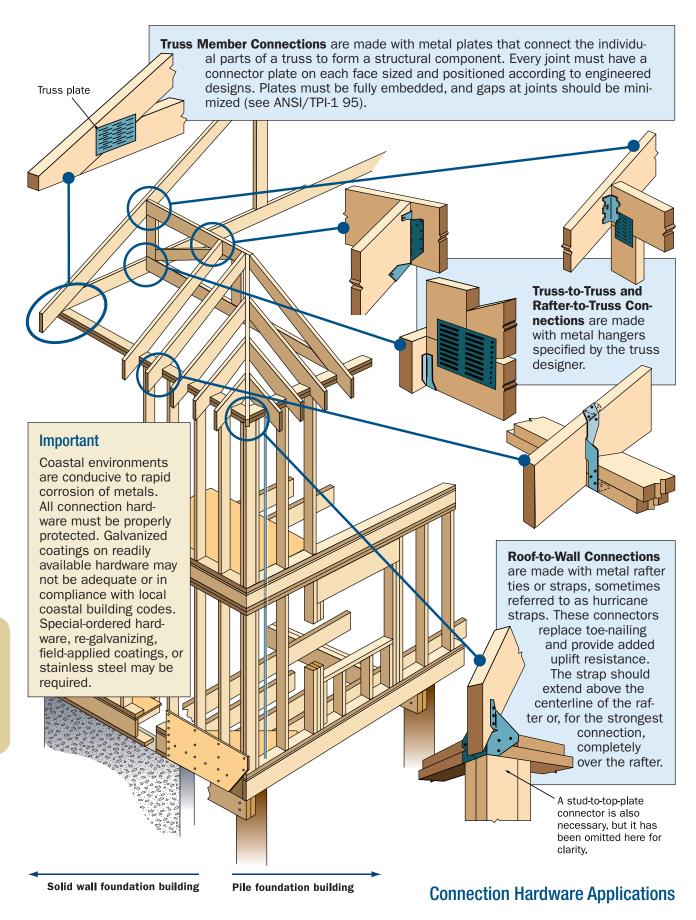




Proper strap connection.

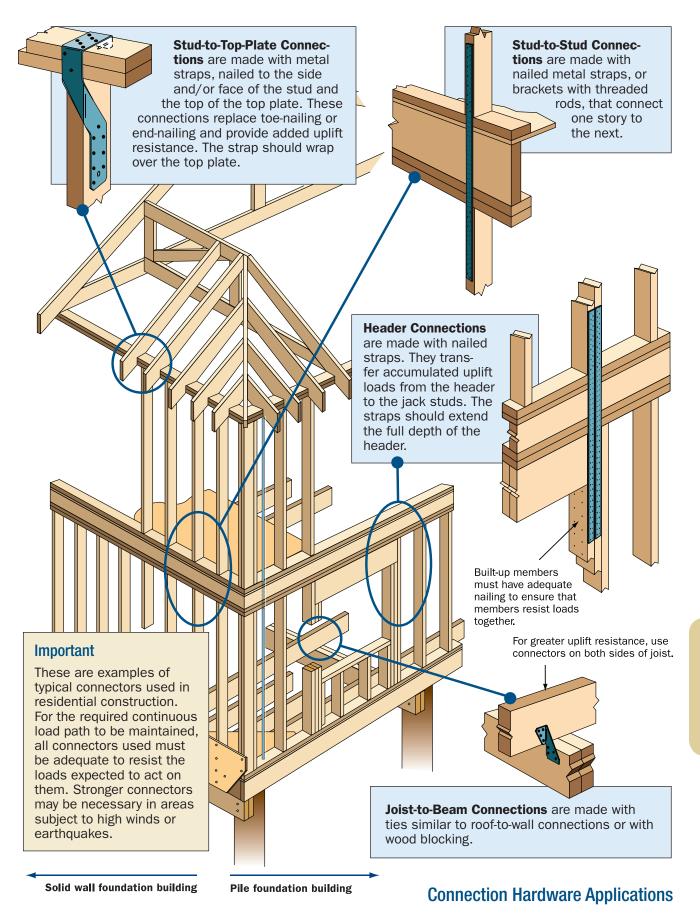


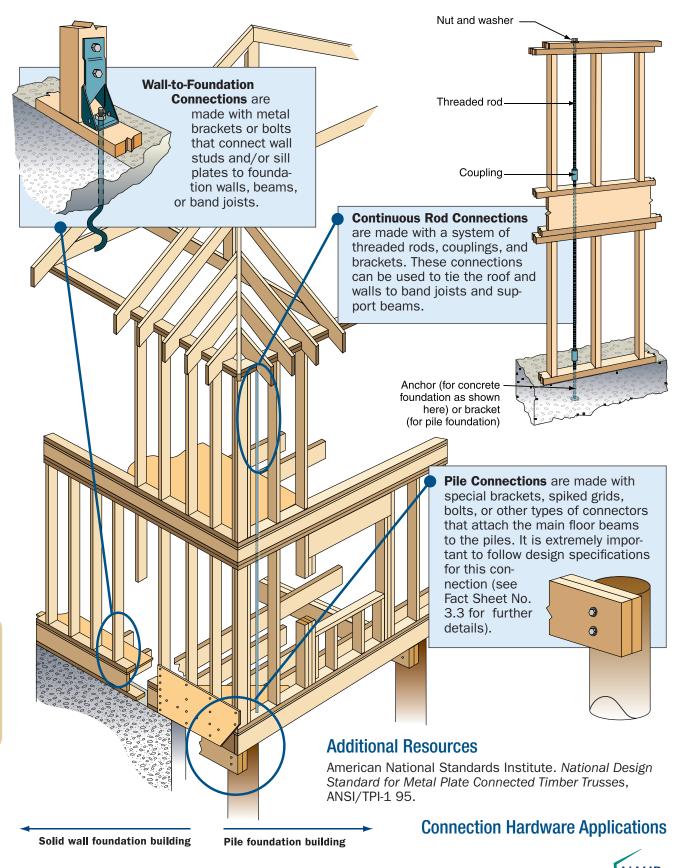
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