

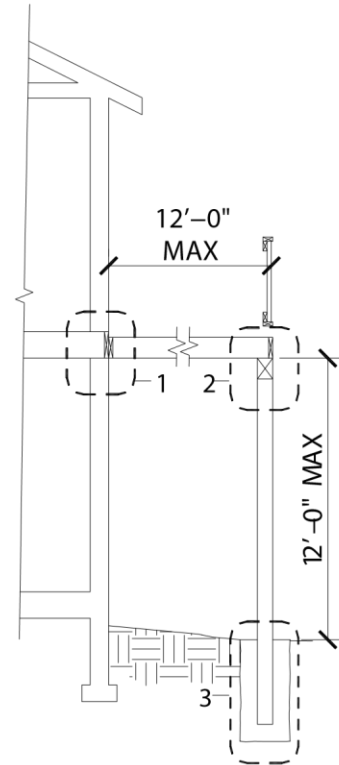
TC Figure 20 Deck Construction

R507.2.4 Deck lateral load connection. The lateral load connection required by Section R507.1 can be in accordance with Figure R507.2.3(1) or 507.2.3(2). Where the lateral load connection is provided in accordance with Figure R507.2.3(1), hold-down tension devices shall be installed in not less than two locations per deck, within 24 inches of each end of the deck. Each device shall have an allowable stress design capacity of not less than 1500 pounds. Where the lateral load connections are provided in accordance with Figure R507.2.3(2), the hold-down tension devices shall be installed in not less than four locations per deck, and each device shall have an allowable stress design capacity of not less than 750 pounds.

Exception:

Decks not more than 30 inches above grade at any point may be unattached.

Detail 1 - For attachment to the primary structure see detail TC Figure 20A



See TC fig 20B for Joist Span

