

with Figure R507.2.3(1), hold-down tension detail TC Figure 20A 12'-0" devices shall be installed in not less than two MAX 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 MAX devices shall be installed in not less than four locations per deck, and each device shall -9 have an allowable stress design capacity of È not less than 750 pounds. **Exception:** See TC fig 20B Decks not more than 30 inches above grade at any point may be unattached. for Joist Span Sheathing Siding Decking P.T. 2x RIM JOIST Deck ioists Approved joist hangers MIN 8d AT 6" O.C. 2" min Pressure treated 2x ledger with fasteners per IRC Table R507.2 P.T. DECK BEAM Hold-down device min 750# capacity Floor joists at 4 locations, evenly distributed METAL POST CAP (*) along deck & 1 within 2' of each end of the ledger. Hold-down devices shall fully engage deck joist per hold-down manufacturer. Note: This detail is applicable A fully threaded 3/8" diameter lag where floor joists are parallel screw predrilled w/min 3" penetration to deck joists. P.T. 6x6 POST to center of top plate, studs, or header. HOLD-DOWN OR SIMIL TENSION DEVICE 3'-6" MIN x 18" DIA FLOOR SHEATHING NAILING AT 6 IN. MAXIMUM ON CENTER TO JOIST WITH HOLD-DOWN HOLE. BACKFILL WITH CONCRETE AIIIA FLOOR JOIST DECK JOIST 6" MIN CONC PAD **BELOW POST** 18" DIA.