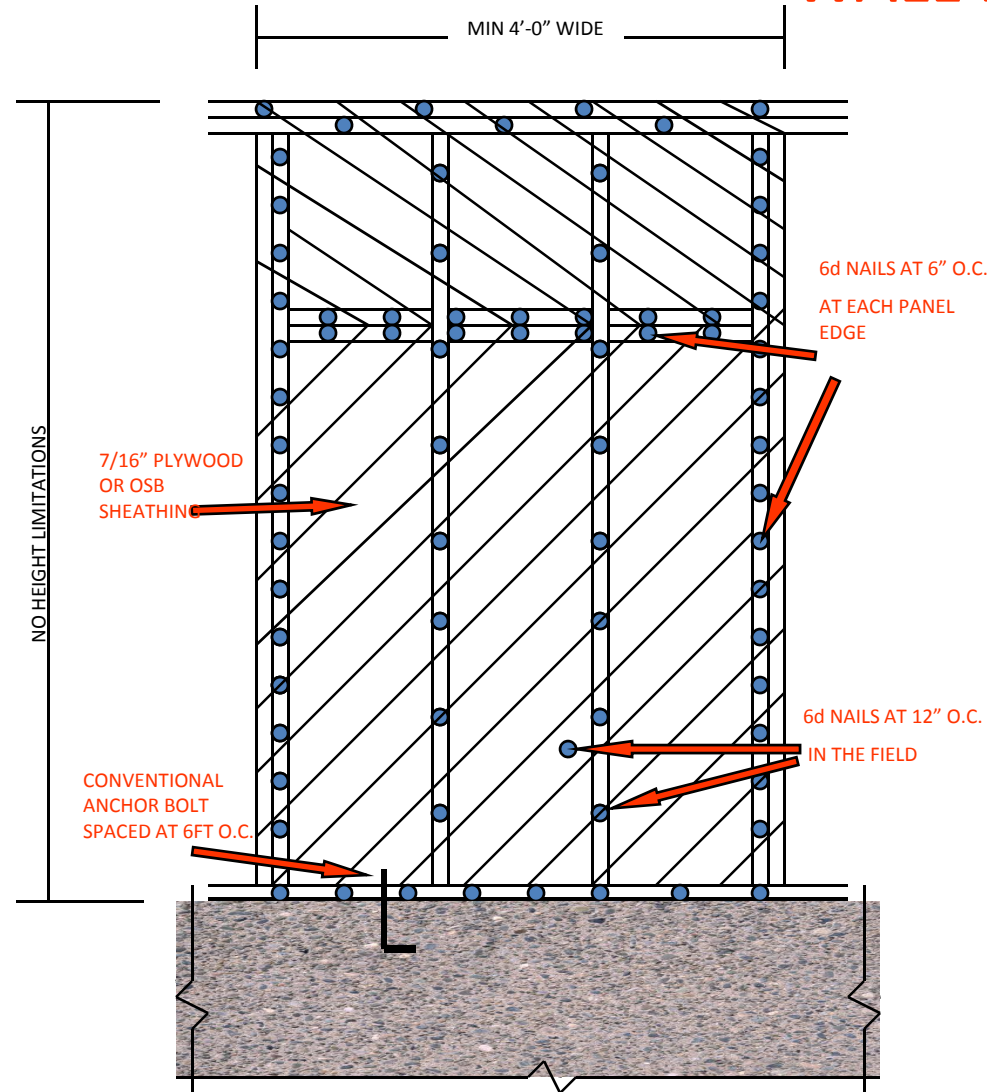
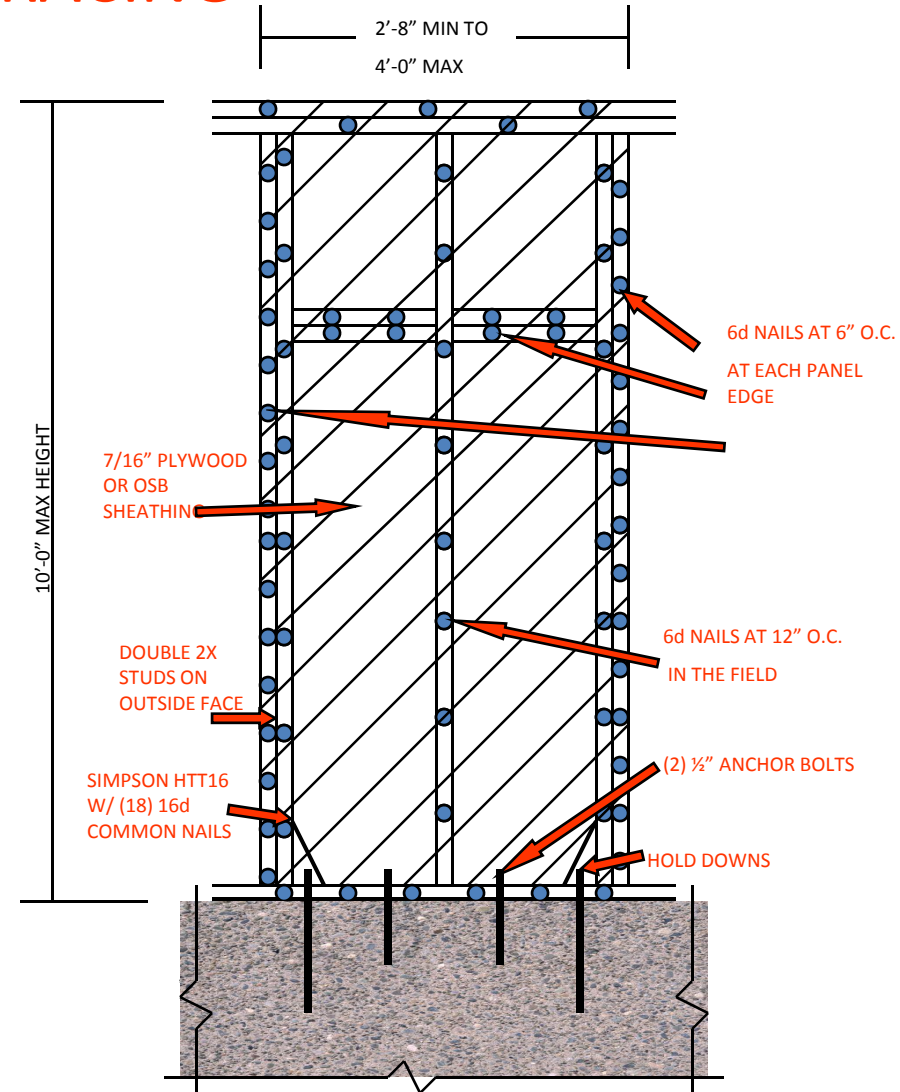


WALL BRACING



A (METHOD 3) BRACED WALL PANEL

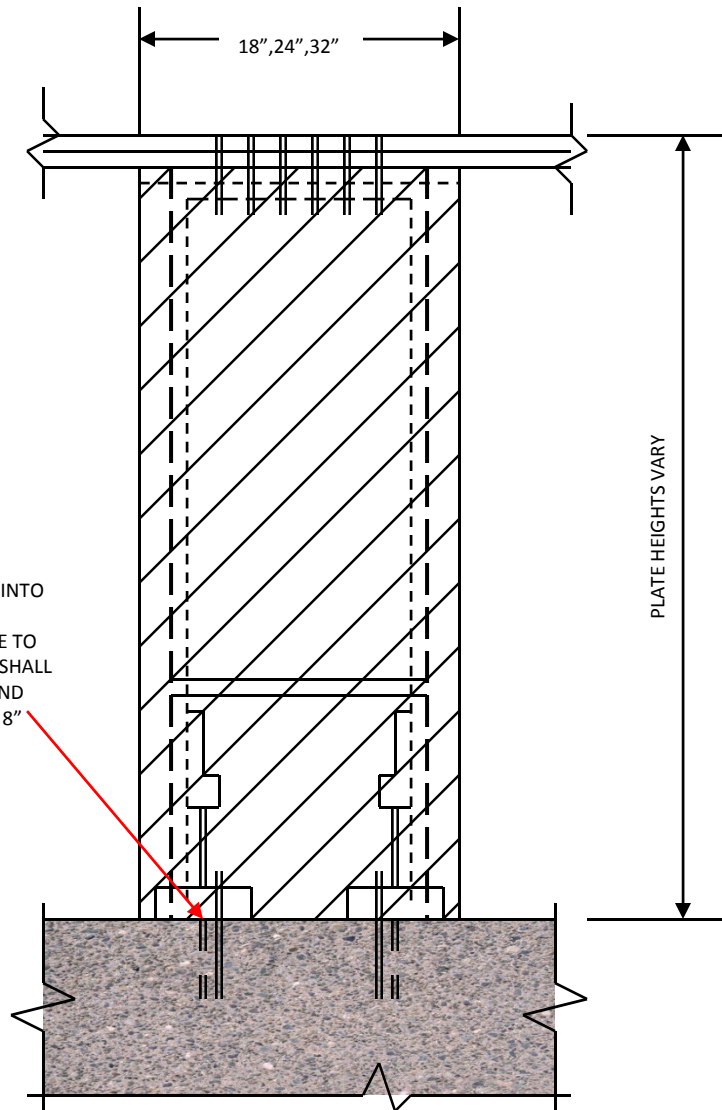
FOR 1 AND 2 STORY APPLICATIONS



B

ALTERNATE BRACED WALL PANEL

FOR ONE STORY APPLICATION ONLY

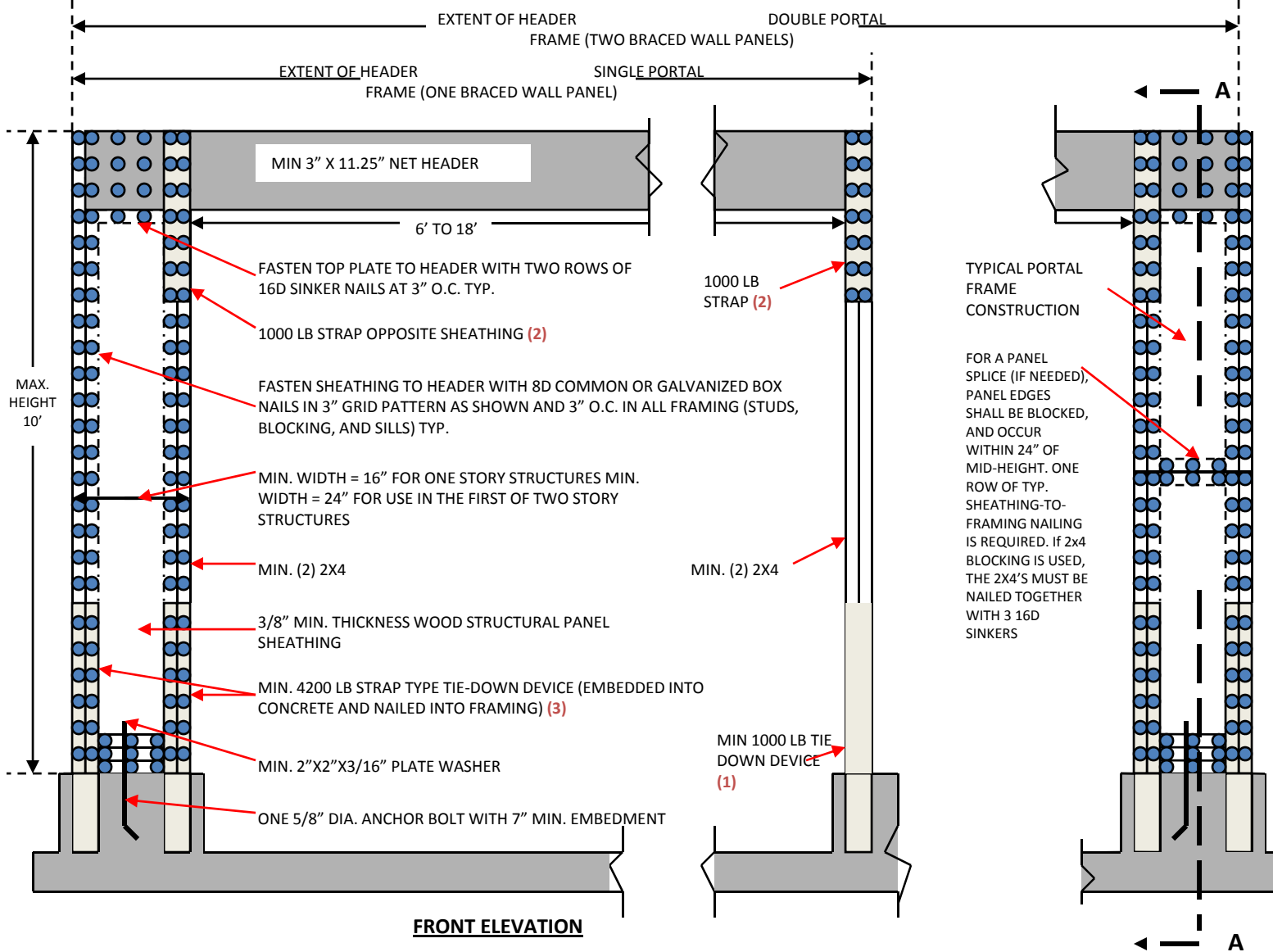


HOLDOWNS PROVIDED SHALL BE CAST INTO SLAB USING (2) SSTB28 AND 5/8" X 12 ANCHOR BOLTS. USE SWT16 TEMPLATE TO ENSURE PROPER SPACING (ALT. BOLTS SHALL BE POST INSTALLED WITH SET EPOXY AND 15" EMBED FOR HOLDOWN RODS AND 8" EMBED FOR ANCHOR BOLTS)



SIMPSON STRONGWALL

(TYPICAL OF A PROPRIETARY SHEAR WALL PANEL; EQUIVALENTS ARE ALLOWED SUBJECT TO ICC AND/OR LOCAL APPROVAL)



Field – Fabricated Portal Frame System

Authorized in 2004 Supplement to IRC to replace any 48" braced wall panel. Minimum – maximum header spans apply to both single and double-sided frames. Footing must be continuous along the entire braced wall line. Appropriate LVL header required for garage applications; 4x12 solid sawn header allowed in other applications, subject to normal span limits. When used as a portal frame for a garage front on a building that is continuously sheathed with wood structural panels, a single bottom plate is permitted. Also, embedded hold-down anchors may be omitted if two anchor bolts are provided at 1/3 points. Height-to-width ratio of each panel shall not exceed 6:1.

- (1) **STHD 10 HOLD-DOWN OR EQUIVALENT**
- (2) **LSTA 24 TENSION STRAP OR EQUIVALENT**
- (3) **STHD 14 HOLD-DOWN OR EQUIVALENT**