ALTERNATE BRACED WALL PANEL

THE FOLLOWING INFORMATION IS BASED UPON THE
2007 CALIFORNIA BUILDING CODE SECTION 2308.9.3.2

NOTE: PROJECTS COMPLEX IN NATURE MAY REQUIRE
SPECIAL INSPECTION PER CBC SECTION 1707.3

![Diagram of Alternate Braced Wall Panel]

- **Extent of Header**: Double Portal Frame (Two Braced Wall Panels)
- **Extent of Header**: Single Portal Frame (One Braced Wall Panel)
- **Min. 3" x 11.25" Net Header**
- **6' to 18'**
- **Max. Height 10'**
- **FASTEN TOP PLATE TO HEADER WITH TWO ROWS OF 16D SINKER NAILS AT 3" O.C., TYP.**
- **1000 LB. STRAP TIE OPPOSITE SHEATHING**
- **FASTEN SHEATHING TO HEADER WITH 8d COMMON OR GALV. BOX NAILS IN 3" GRID PATTERN AS SHOWN AND 2" O.C. IN ALL FRAMING (STUDS, BLOCKING AND SILLS) TYP.**
- **MIN. WIDTH = 16" FOR ONE STORY STRUCTURES**
- **MIN. WIDTH = 24" FOR USE IN THE FIRST STORY OF TWO STORY STRUCTURES**
- **MIN. 2X4 FRAMING**
- **MIN. DOUBLE 2X4 POST**
- **3/8" MIN. THICKNESS WOOD STRUCTURAL PANEL SHEATHING**
- **MIN. 4200 LB. HOLDOWN DEVICE (EMBEDDED INTO CONCRETE AND NAILED INTO FRAMING)**
- See CBC Section 2308.9.3.2

**Typical Portal Frame Construction**

For a panel splice of needed, panel edges shall be blocked, and within 24" of mid-height, one row of typ. sheathing-to-framing nailing is required. If 2x4 blocking is used, the 2x4's must be nailed together with 3 16d sinkers.

**Footing to be continuous**
ALTERNATE BRACED WALL PANEL

THIS DETAIL IS IN REFERENCE TO CBC SECTION 2308.9.3.1, ONE STORY BUILDINGS

3/8" WOOD STRUCTURAL PANEL SHEATHING WITH 8D COMMON OR GALV. BOX NAILS AT 6" O.C ALONG PANEL EDGES, 12" AT INTERMEDIATE FRAMING.

BLOCKING REQUIRED AT ALL UNSUPPORTED PANEL EDGES.

EACH PANEL END STUD SHALL HAVE AN APPROVED TIE DOWN DEVICE FASTENED TO THE FOUNDATION CAPABLE OF PROVIDING AN UPLIFT CAPACITY OF NOT LESS THAN 1800 LBS.

FOOTINGS SHALL BE CONTINUOUS FOR THE ENTIRE LENGTH OF THE BRACED WALL LINE WITH A #4 REBAR TOP AND BOTTOM.

PLACE (2) 1/2" X 10" ANCHOR BOLTS WITH 3" X 3" X 0.229" WASHERS AT PANEL OUTSIDE QUARTER POINTS. ANCHOR BOLTS SHALL BE EMBEDDED AT LEAST 7" INTO FOUNDATION.

2' 8" MINIMUM

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