SUMMARY OF MINIMUM PRESCRIPTIVE REQUIREMENTS

NUMBER OF STORIES' ABOVE CRIPPLE WALL	STRUCTURAL WOOD PANEL CRIPPLE WALL BRACING REQUIREMENTS ²	SILL PLATE ANCHOR SIZE AND SPACING 3,4,5	FRAMING ANCHOR ⁸	JOIST BLOCKING ⁷
ONE ¹	EACH END AND NOT LESS THAN 40% OF THE WALL LENGTH	1/2 INCH AT 6 FEET ON CENTER MAX	32 INCHES ON CENTER MAXIMUM	ALTERNATE JOISTS
TWO ¹	EACH END AND NOT LESS THAN 50% OF THE WALL LENGTH	1/2 INCH AT 4 FEET ON CENTER MAX ⁶	24 INCHES ON CENTER MAXIMUM	ALTERNATE JOISTS AND EVERY JOIST ABOVE WALL BRACING
THREE ¹	80% OF The Wall Length	5/8 INCH AT 4 FEET ON CENTER MAX ⁶	16 INCHES ON CENTER MAXIMUM	ALL JOISTS

- 1. THESE STANDARDS DO NOT APPLY TO ONE OR TWO STORY BUILDINGS WITH CRIPPLE WALLS GREATER THAN 48 INCHES IN HEIGHT OR TO THREE STORY BUILDINGS WITH CRIPPLE WALL STUDS GREATER THAN 14 INCHES.
- 2. THE WALL BRACING LENGTH SHALL BE AT LEAST 48 INCHES IN WIDTH OR TWO TIMES THE HEIGHT OF THE CRIPPLE WALL, WHICHEVER IS GREATER. WALL BRACING IS REQUIRED AT ALL EXTERIOR WALLS.
- 3. THE PLATE WASHERS FOR USE WITH ADHESIVE OR EXPANSION ANCHORS ON WOOD SHALL BE 2-INCH BY 2-INCH BY 3/16-INCH FOR 1/2 INCH ANCHORS AND 2½ INCH BY 2½ INCH BY 1/4 INCH FOR 5/8 INCH ANCHORS.
- 4. EXISTING SILL PLATE ANCHOR BOLTS CAST IN CONCRETE AND IS IN SOUND CONDITION SHALL BE PERMITTED TO PROVIDE ALL OR A PORTION OF THE SILL PLATE CONNECTION REQUIREMENT IF THE ANCHOR BOLT DIAMETER AND SPACING MEETS OR EXCEEDS THE TABLE REQUIREMENTS, A NEW PLATE WASHER CONFORMING TO FOOTNOTE 3 IS INSTALLED AND THE SILL PLATE IS CONNECTED TO A SNUG TIGHT CONDITION UNDER THE TORQUE TEST REQUIREMENT.
- 5. ANCHOR SIDE PLATES SHALL BE PERMITTED TO SUBSTITUTE FOR ADHESIVE OR EXPANSION ANCHORS WHEN CONDITIONS PREVENT ANCHOR INSTALLATION VERTICALLY THROUGH THE SILL PLATE. ANCHOR SIDE PLATES SHALL BE SPACED THE SAME AS ADHESIVE OR EXPANSION ANCHORS PER SECTION E REQUIREMENTS, ONLY ONE ANCHOR SIDE PLATE SHALL BE REQUIRED ON INDIVIDUAL PIECES OF SILL PLATE LESS THAN 32 INCHES IN LENGTH.
- 6. TWO STORY BUILDINGS MAY SUBSTITUTE 5/8 INCH ANCHORS AT A MAXIMUM OF 6 FEET ON CENTER AND THREE STORY BUILDINGS MAY SUBSTITUTE 1/2 INCH ANCHORS AT A MAXIMUM OF 2 FEET 8 INCHES ON CENTER.
- 7. EXISTING 2 INCH NOMINAL THICKNESS JOIST BLOCKING SHALL BE PERMITTED TO MEET THIS REQUIREMENT. NEW BLOCKING MAY BE EITHER 2 INCH NOMINAL DIMENSIONED LUMBER OR 1% PLYWOOD.
- 8. FRAMING ANCHORS ARE NOT REQUIRED IN DETAILS 20, 8, 106 AND 11.