



DSA Structural Amendments under review are highlighted in GRAY

Template 19-36

2001 CBC - Chapter 19A
CONCRETE

Section - **1916A - PRECAST CONCRETE**

Subsection(s) - **1916A.12 - 1916A.12.6**

1916A.12 On-site Cast Precast Wall Panels.

1916A.12.1 The provisions of Sections 1916A.1, 1916A.2, 1916A.3, 1916A.4, 1916A.5, 1916A.6 and 1916A.11 shall apply to precast wall panels cast on site.

1916A.12.2 Precast bearing and nonbearing walls shall be designed in accordance with the provisions of Section 1914A. Panel concrete shall have attained the specified compressive strength (f'_c) before erection unless calculations provided by the structural engineer or architect demonstrate adequate serviceability during handling and erection for concrete panels of lesser strength.

1916A.12.3 In lieu of unsupported height limitations, the panel may be supported laterally by vertical elements provided the panel thickness is not less than 1/36 the distance between the panel edges and the stiffness of the vertical elements exceeds that of the tributary area of the wall panels. See Section 1633A.2.4.2 for exterior elements.

1916A.12.4 All embedded items shall be securely anchored in place prior to placing the concrete.

1916A.12.5 Panels shall be allowed as much time as possible in the erect position before making longitudinal connections with an elapsed time of 28 days minimum between casting and connecting the panels.

1916A.12.6 All details of reinforcement, connections, bearing seats, inserts, anchors, concrete cover, openings, fabrication and erection tolerances shall be shown on contract drawings.