



DSA Structural Amendments under review are highlighted in GRAY

Template 22-03

2001 CBC - Chapter 22A
STEEL

Section - 2205A - DESIGN AND CONSTRUCTION PROVISIONS

Subsection(s) - 2205A.12 - 2205A.13

1 **2205A.12 Column Base Plate.** [For DSA/SS] When shear or
2 tensile forces are intended to be transferred between column base
3 plates and anchor bolts, provision shall be made in the design to
4 eliminate the effects of oversized holes permitted in base plates by
5 Division I, Section 2205A.11 * * * by use of shear lugs or welded
6 shear transfer plates when the oversized holes are larger than the
7 anchor bolt by more than 1/8 inch (3.2 mm). When welded shear
8 transfer plates are used, the anchor bolts shall be checked for the
9 induced bending stresses in combination with the shear stresses
10 using Formula 12A-1 as follows:

$$f_v / F_v + f_b / F_b \leq 1.0 \quad (12A-1)$$

11
12
13
14 **2205A.13 Welded Shear Connectors.** When welded shear con-
15 nectors are used for applications other than composite construc-
16 tion, such as for transfer of shear loads to ledgers, drag ties and
17 diaphragm chord members, the allowable shear loads shall be one
18 third of the tabulated values. For installations where connectors
19 are applied through formed steel decks and are used for transfer of
20 shear loads other than for composite construction, the allowable
21 shear loads shall be one third the tabulated value multiplied by the
22 appropriate reduction factor given in Division IX.