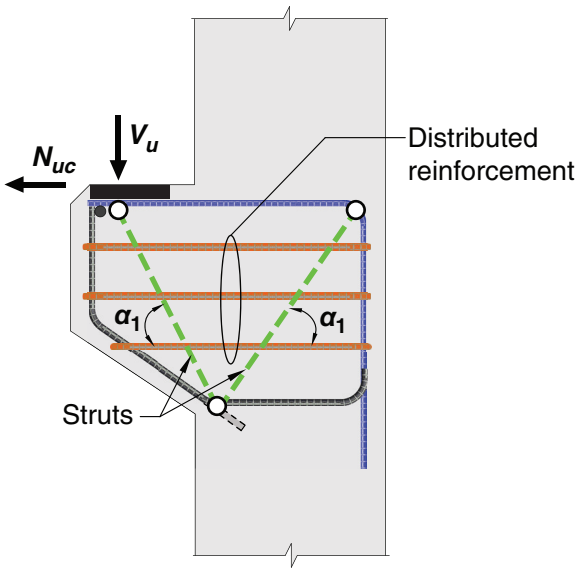
CODE

COMMENTARY



Distributed reinforcement crossing interior struts. Note that α_1 is different for the two struts above; the minimum distributed reinforcement ratio is controlled by the smaller angle α_1.

***Fig. R23.5.1**—Distributed reinforcement crossing interior struts.*

23.6—Strut reinforcement detailing

23.6.1 Compression reinforcement in struts shall be parallel to the axis of the strut and enclosed along the length of the strut by closed ties in accordance with 23.6.3 or by spirals in accordance with 23.6.4.

23.6.2 Compression reinforcement in struts shall be anchored to develop f_s' at the face of the nodal zone, where f_s' is calculated in accordance with 23.4.1.

23.6.3 Closed ties enclosing compression reinforcement in struts shall satisfy 25.7.2 and this section.

23.6.3.1 Spacing of closed ties, s, along the length of the strut shall not exceed the smallest of (a) through (c):

(a) Smallest dimension of cross section of strut
(b) $48d_b$ of bar or wire used for closed tie reinforcement
(c) $16d_b$ of compression reinforcement

23.6.3.2 The first closed tie shall be located not more than $0.5s$ from the face of the nodal zone at each end of a strut.

23.6.3.3 Closed ties shall be arranged such that every corner and alternate longitudinal bar shall have lateral support provided by crossties or the corner of a tie with an included angle of not more than 135 degrees and no longitudinal bar shall be farther than 150 mm clear on each side along the tie from such a laterally supported bar.

R23.6—Strut reinforcement detailing

R23.6.1 Refer to R23.4.1.

R23.6.3.3 Refer to R25.7.2.3.