

APPENDIX A

NOTATION

a_d	Depth of stress block at limiting value of balanced condition (Appendix D)
d_d	Minimum effective depth that a singly reinforced member may have and maintain steel ratio requirements (Appendix D)
e'	Eccentricity of axial load measured from the centroid of the tension reinforcement
e'_b	Eccentricity of nominal axial load strength, at balanced strain conditions, measured from the centroid of the tension reinforcement
H_f	Hydraulic structural factor equal to 1.3
k_b	Ratio of stress block depth (a) to the effective depth (d) at balanced strain conditions
k_u	Ratio of stress block depth (a) to the effective depth (d)
K	Exponent, equal to 1.0 for any member subject to axial tension, 1.5 for rectangular members and 1.75 for square or circular members, used in nondimensional biaxial bending expression
l_n	Clear span between supports
M_{DS}	Bending moment capacity at limiting value of balanced condition (Appendix D)
M_{nx}, M_{ny}	Nominal biaxial bending moments with respect to the x and y axes, respectively
M_{ox}, M_{oy}	Uniaxial nominal bending strength at P_n about the x and y axes, respectively
R	Radius of curvature to centerline of curved member