CODE

and moments resisted by precast member acting alone

f_{pe} = compressive stress in concrete due only to effective prestress forces, after allowance for all prestress losses, at extreme fiber of section if tensile stress is caused by externally applied loads, MPa

f_{ps} = stress in prestressed reinforcement at nominal flexural strength, MPa

f_{pu} = specified tensile strength of prestressing reinforcement, MPa

f_{py} = specified yield strength of prestressing reinforcement, MPa

f_r = modulus of rupture of concrete, MPa

f_s = tensile stress in reinforcement at service loads, excluding prestressed reinforcement, MPa

f_s' = compressive stress in reinforcement under factored loads, excluding prestressed reinforcement, MPa

f_{se} = effective stress in prestressed reinforcement, after allowance for all prestress losses, MPa

f_t = extreme fiber stress in the precompressed tension zone calculated at service loads using gross section properties after allowance of all prestress losses, MPa

f_{uta} = specified tensile strength of anchor steel, MPa

f_y = specified yield strength for nonprestressed reinforcement, MPa

f_{ya} = specified yield strength of anchor steel, MPa

f_{yt} = specified yield strength of transverse reinforcement, MPa

F = effect of service load due to fluids with well-defined pressures and maximum heights

F_{nn} = nominal strength at face of a nodal zone, N

F_{ns} = nominal strength of a strut, N

F_{nt} = nominal strength of a tie, N

F_{un} = factored force on the face of a node, N

F_{us} = factored compressive force in a strut, N

F_{ut} = factored tensile force in a tie, N

h = overall thickness, height, or depth of member, mm

h_a = thickness of member in which an anchor is located, measured parallel to anchor axis, mm

h_{ef} = effective embedment depth of anchor, mm

$h_{ef,sl}$ = effective embedment depth of shear lug, mm

h_{sl} = embedment depth of shear lug, mm

h_{sx} = story height for story x, mm

h_u = laterally unsupported height at extreme compression fiber of wall or wall pier, mm, equivalent to ℓ_u for compression members

COMMENTARY

f_{si} = stress in the i-th layer of surface reinforcement, MPa

h_{anc} = dimension of anchorage device or single group of closely spaced devices in the direction of bursting being considered, mm

h'_{ef} = limiting value of h_{ef} where anchors are located less than $1.5h_{ef}$ from three or more edges, mm; refer to Fig. R17.6.2.1.2