Not. & Term.

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CODE	COMMENTARY

$P\Delta$ = secondary moment due to lateral deflection, N·mm

q_u = factored load per unit area, N/m^2

Q = stability index for a story

r = radius of gyration of cross section, mm

r_b = bend radius at the inside of a bar, mm

R = cumulative load effect of service rain load $\qquad$ R = reaction, N

s = center-to-center spacing of items, such as longitudinal reinforcement, transverse reinforcement, tendons, or anchors, mm

s_i = center-to-center spacing of reinforcement in the i-th direction adjacent to the surface of the member, mm

s_o = center-to-center spacing of transverse reinforcement within the length ℓ_o, mm

s_s = sample standard deviation, MPa

s_w = clear distance between adjacent webs, mm

s_2 = center-to-center spacing of longitudinal shear or torsional reinforcement, mm

S = effect of service snow load

S_{DS} = 5 percent damped, spectral response acceleration parameter at short periods determined in accordance with the general building code

S_e = moment, shear, or axial force at connection corresponding to development of probable strength at intended yield locations, based on the governing mechanism of inelastic lateral deformation, considering both gravity and earthquake effects

S_m = elastic section modulus, mm^3

S_n = nominal moment, shear, axial, torsion, or bearing strength

S_y = yield strength of connection, based on f_y of the connected part, for moment, shear, torsion, or axial force, MPa

t = wall thickness of hollow section, mm

t_f = thickness of flange, mm

t_{sl} = thickness of shear lug, mm

T = cumulative effects of service temperature, creep, shrinkage, differential settlement, and shrinkage-compensating concrete $\qquad$ T = tension force acting on a nodal zone in a strut-and-tie model, N (T is also used to define the cumulative effects of service temperature, creep, shrinkage, differential settlement, and shrinkage-compensating concrete in the load combinations defined in 5.3.6.)

T_{burst} = tensile force in general zone acting ahead of the anchorage device caused by spreading of the anchorage force, N

T_{cr} = cracking torsional moment, N·mm

T_t = total test load, N

T_{th} = threshold torsional moment, N·mm

T_n = nominal torsional moment strength, N·mm

T_u = factored torsional moment at section, N·mm

U = strength of a member or cross section required to resist factored loads or related internal moments and forces in such combinations as stipulated in this Code

v_c = stress corresponding to nominal two-way shear strength provided by concrete, MPa