CORRECTION

Steel Rigid Frames with Leaning Columns

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Page 127, a note of explanation for Figure 4:

The exterior gravity loads equal the interior values because the exterior wall loads were about the same as floor and roof loads for a half a beam spacing.

Page 130:

For computing B_2:

ΣP_{e2} = sum of in-plane sway buckling capacities of the 2 rigid frame columns = (9.87)(29,000)(15,000) / (1.75(192))2 = 2(38,000) = 76,000 kips (note that since ΣP_u includes the loads on the leaning columns, it is not necessary to multiply k_x by $N^{0.5}$ when calculating P_{e2})

B_2 (Eq. 3) = 1 / (1 – 3590(0.737) / (291.2(192)) = 1.05

and

B_2 (Eq. 4) = 1 / (1 – 3590 / 76,000) = 1.05

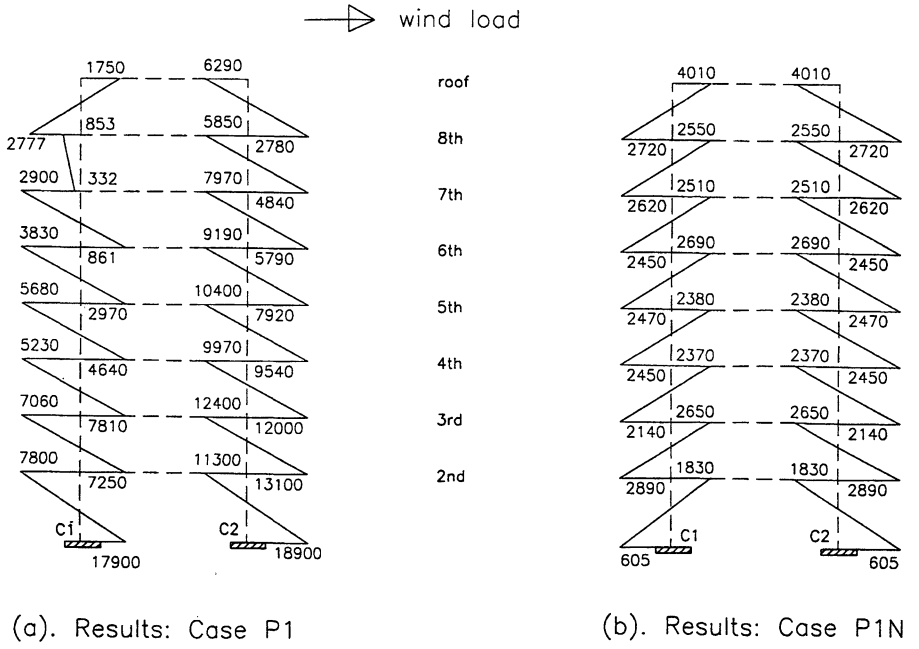
Page 131:

M_{lt} = (1,130 – 1,830) = 9,470 in-k at top and (18,900 – 605) = 18,300 in-k at bottom.

should be changed to:

M_{lt} = (11,300 – 1,830) = 9,470 in-k at top and (18,900 – 605) = 18,300 in-k at bottom.

The following are Figures 6a and 6b, which were mistakenly omitted.



(a). Results: Case P1

(b). Results: Case P1N

Fig. 6. Plane frame analysis results column moments (in-kips).