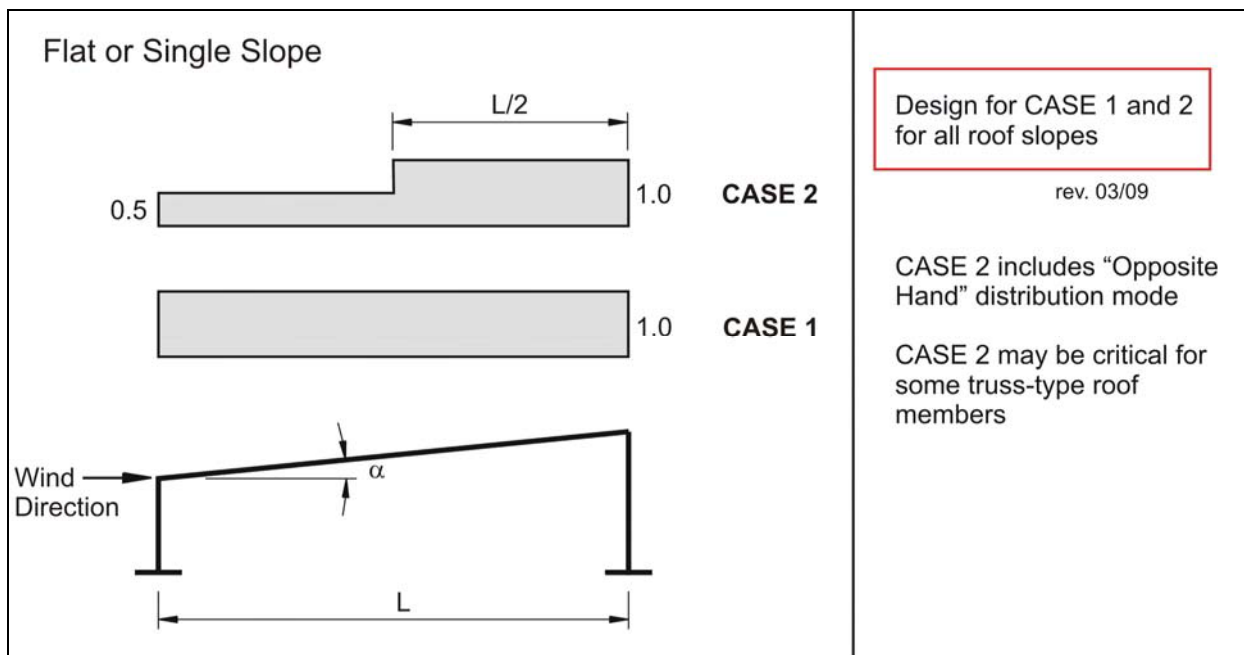


**Errata 3 to CSSBI B15-07:
Snow, Wind and Earthquake Load Design Criteria for Steel
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FIGURE A1(A): SHAPE FACTOR, C_s , FOR SINGLE SLOPE ROOFS



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A6 – Illustrative Example #3

Step 1: Determine the basic roof snow load factor, C_b

The upper level roof dimensions are: $l = 50$ m, $w = 40$ m

$$l_c = 2w - w^2/l = (2)(40) - (40)^2/(50) = 48$$

Since $l_c = 48 < 200$, with $C_w = 0.75$, there is no increase in the basic roof snow load factor.

$$C_b = 0.8$$