

16.00: continued

1607.9.1.7 Add subsection:

1607.9.1.7 Concrete Flat Slabs, Grid Slabs, and Plates. Live load shall not be reduced for peripheral (two-way action) shear around columns, capitals, and drop panels of concrete flat slabs, flat plates, and grid (waffle) slabs.

1607.9.2 Delete.

1608.2 Replace as follows:

1608.2 Ground Snow Loads. The ground snow loads to be used in determining the design snow loads for roofs shall be determined in accordance with Table 1604.11.

1608.3 to 1608.11 Add subsections:

1608.3 Concave Curved Roofs. Section 7.4.3 of ASCE 7 applies to convex curved roofs only. The effective loaded area of a concave curved roof shall be that area of the surface of the roof where the tangents to the surface have a slope of 50 degrees or less. The total uniform snow load for concave curved roofs shall be P_f multiplied by the total horizontal projected area of the roof. This total load shall be applied uniformly over the effective loaded area of the roof.

1608.4 Drifts on Multiple Level Roofs. For multiple stepped roofs similar to that shown in Figure 1608.4.1, the sum of all the roof lengths upwind above the drift under consideration, l_u^* , in Figure 1608.4.1, shall replace l_u in Figure 7-8 of ASCE 7. For multiple level roofs similar to that shown in Figure 1608.4.2, if the total calculated height of a drift and the underlying uniform snow layer on the upwind side of a higher roof ($h_d + h_b$) is equal to or greater than $0.7(h_b + h_c)$, then the length, l_u^* , as shown in Figure 1608.4.2, shall be used in place of l_u in Figure 7-8 of ASCE 7.

FIGURE 1608.4.1

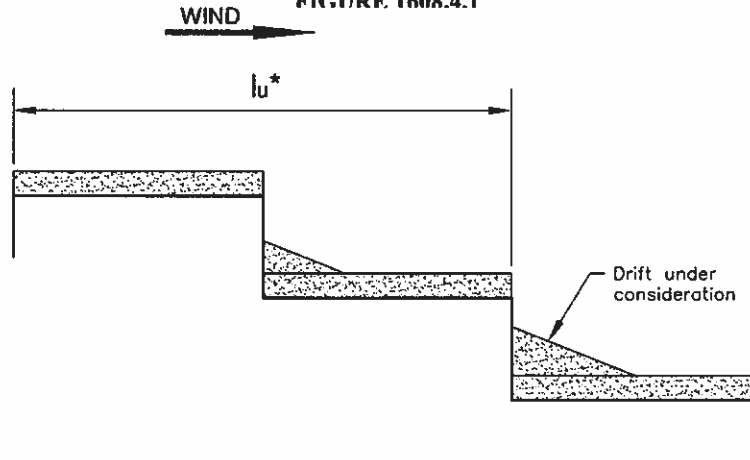


FIGURE 1608.4.2

