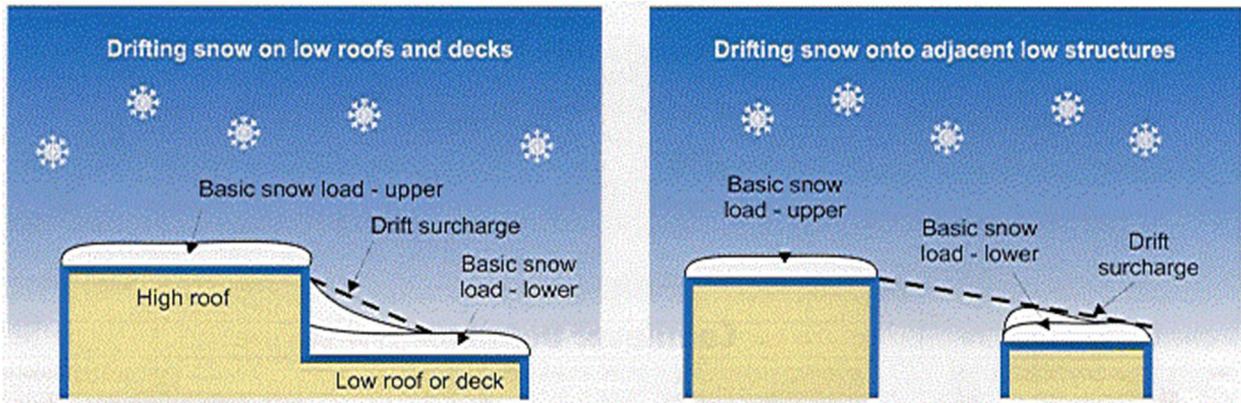


# poligon® | Drifted Snow

American Society of Civil Engineers (ASCE) standard, ASCE 7, Minimum Design Loads and Associated Criteria for Building and Other Structures details the procedure for determining snow drift on lower roofs from adjacent structures. ASCE 7 is referenced by the International Building Code (IBC) and any state or local building codes.

If the ground snow load is greater than zero and there is an adjacent structure with a higher eave height within 20 feet, drifted snow must be considered on the lower roof in accordance with ASCE 7. Below are images of two different snow drift scenarios: a lower roof connected to the higher roof structure and another with a separation of 20 feet or less.



The length of the upper roof is used in determining the amount of drifted snow on the lower roof. In the image below, the snow drift shall be considered in two directions.

