



BUILDINGS
2022-018
BULLETIN
TECHNICAL

ISSUANCE DATE
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Technical Affairs & Code Development

PURPOSE: This Bulletin clarifies the 10' horizontal span measurement in Section 3307.6.4.4, Item 7 of the 2022 New York City Building Code

SUBJECT(S): Sidewalk shed horizontal span, sidewalk shed measurement, sidewalk shed vertical members

RELATED CODE SECTIONS & RESOURCES: BC 3307.6.4.4, Item 7

I. BACKGROUND

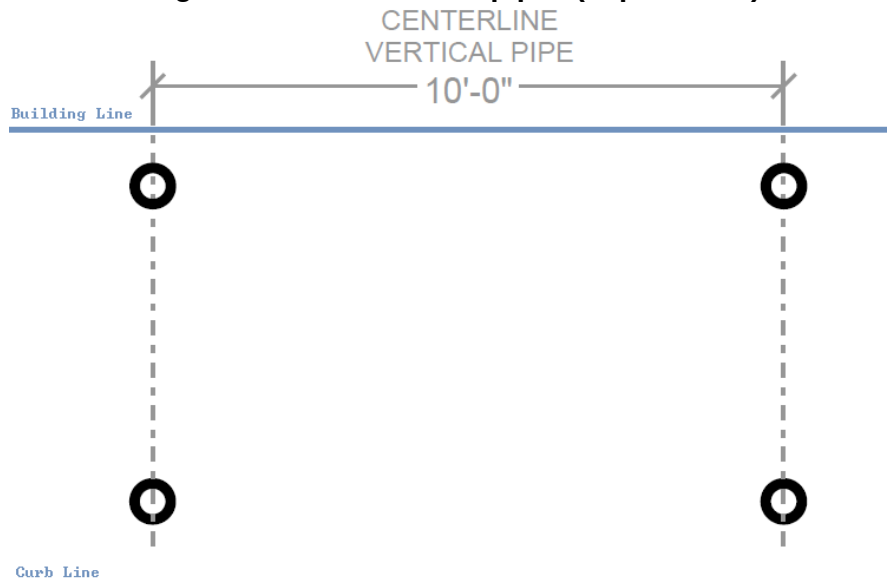
Section 3307.6.4.4, Item 7 of the 2022 New York City Building Code requires “a horizontal span of at least 10 feet (3048 mm), as measured down the length of the sidewalk, walkway, or pathway” to be provided between vertical members of certain sidewalk sheds. This bulletin provides guidance concerning this measurement.

II. MEASUREMENT

The measurement shall be taken from the centerline of the vertical member.

Where a pipe or column is utilized as a vertical member, the centerline shall be through the center of the pipe or column. (See Figure 1)

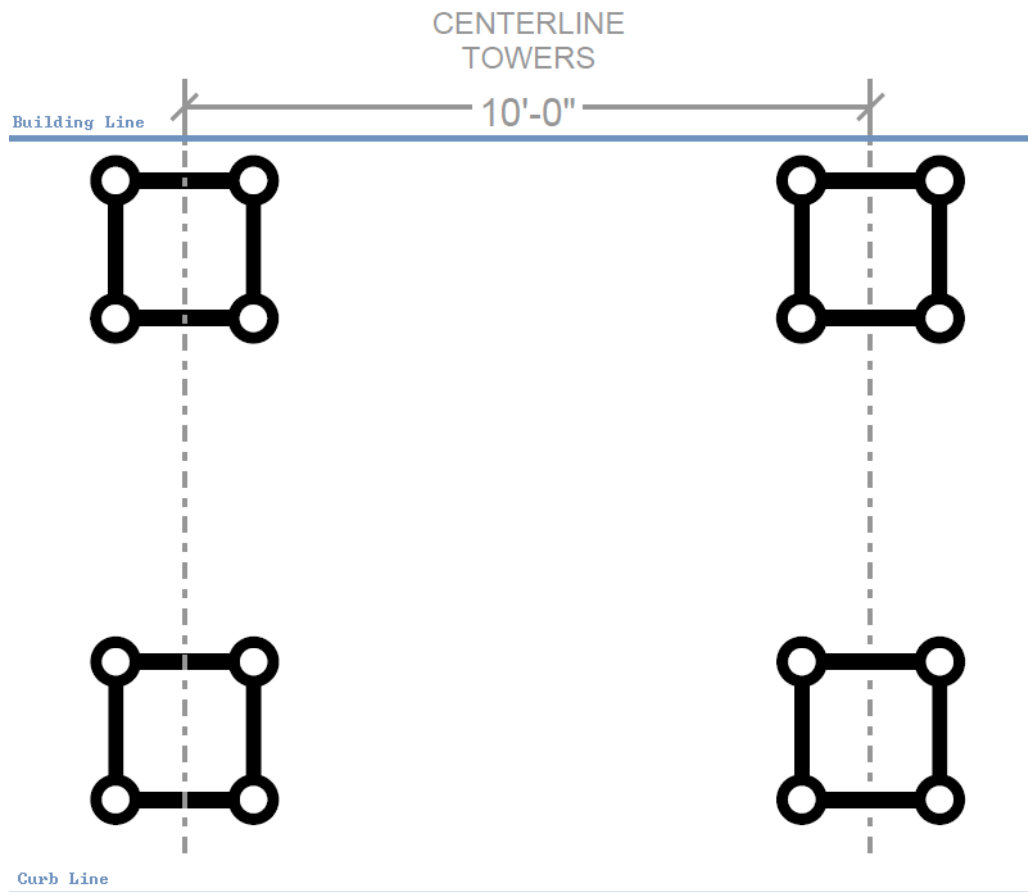
Figure 1: Sidewalk shed pipes (in plan view)



NOTE: 10' distance is minimum, except where a shorter distance is required to avoid obstructions. See Section III for more information.

Where a mast section, lattice tower, or similar element is utilized as a vertical member, the centerline shall be through the center of the entire structure. (See Figure 2)

Figure 2: Sidewalk shed towers (in plan view)



NOTE: 10' distance is minimum, except where a shorter distance is required to avoid obstructions. See Section III for more information.

** Mast sections, lattice towers, or similar elements that exceed 24" x 24" require approval of the Commissioner.*

III. SHORTER DISTANCE

BC 3307.6.4.4, Item 7 requires the horizontal span to be at least 10 feet. However, the span may be shorter if needed to avoid the curb or obstructions such as curb cuts or ramps, vehicular access points, streetlights, traffic lights or signs, fire hydrants, fire department connections, water sampling stations, bus shelters, street furniture, trees, adjacent show windows, means of ingress/egress, subway entrances, or access points to vaults, manholes, or other underground structures. Sidewalk shed plans shall include locations of such obstructions and indicate measurement of shorter spans.