

ADA Detectable Warning Stamping Tool ***Design Bulletin:***

Design suggested to be used for Truncated Dome ***Stamping System (02.08.08)***

In referencing the Draft Guidelines for Accessible Public Rights-of-Way, published in the Federal Register on Monday, June 17th, 2002 by the *U.S. Access Board*. The following contains information on the specifics of the design to be used in accordance with the ADA Detectable Warning Stamped concrete truncated Dome tools.

According to section ***1108 Detectable Warning Surfaces*** of the aforementioned article, and listed below are the specifications for detectable warnings.

1108.1 General. Detectable warnings shall consist of a surface of truncated domes aligned in a square grid pattern and shall comply with 1108.

1108.1.1 Dome Size. Truncated domes in a detectable warning surface shall have a base diameter of 0.9 inches (23 mm) minimum to 1.4 inches (36 mm) maximum, a top diameter of 50% of the base diameter minimum to 65% of the base diameter maximum, and a height of 0.2 inches (5 mm).

1108.1.2 Dome Spacing. Truncated domes in a detectable warning surface shall have a center-to-center spacing of 1.6 inches (41 mm) minimum and 2.4 inches (61 mm) maximum, and a base-to-base spacing of 0.65 inches (16 mm) minimum, measured between the most adjacent domes on square grid.

1108.1.4 Size. Detectable warning surfaces shall extend 24 inches (610 mm) minimum in the direction of travel and the full width of the curb ramp, landing, or blended transition.

1108.2 Location.

1108.2.1 Curb Ramps and Blended Transitions. The detectable warning surface shall be located so that the edge nearest the curb line is 6 inches (150 mm) minimum and 8 inches (205 mm) maximum from the curb line.

1108.2.2 Rail Crossings. The detectable warning surface shall be located so that the edge nearest the rail crossing is 6 inches (150 mm) minimum and 8 inches (205 mm) maximum from the vehicle dynamic envelope.

1108.2.3 Platform Edges. Detectable warning surfaces at platform boarding edges shall be 24 inches (610 mm) wide and shall extend the full length of the platform.

Refer to the Stampcrete ADA Detectable Warning Color/Contrast Bulletin for information on suggested colors to be used.

Please place us on your manufacturers list for suppliers of “Stamped in Place” Systems for ADA Detectable Warning Surfaces. For more information, contact Bob Williams at Stampcrete International, 1-800-233-3298.

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