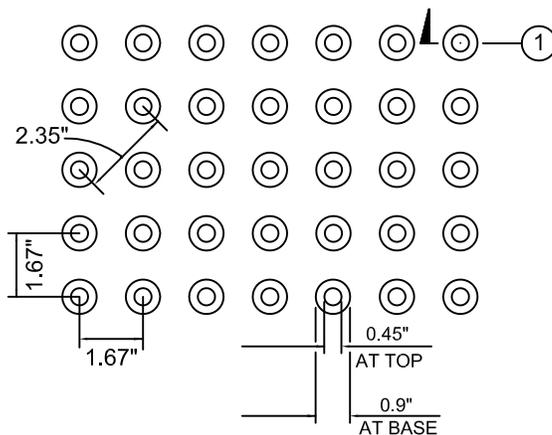
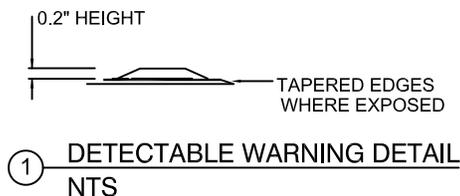


1. Curb ramps shall have 4 ft min by 3 ft long detectable warning dome border placed square at the ramp bottom. The detectable warning dome border shall extend to the full dimension of the ramp width and shall exceed the 4 ft minimum width where required.
2. The detectable warning border dome shall be a vitrified polymer composite (VPC) and contrast visually with the adjoining surfaces. The color of the detectable warning domes shall be "Federal Yellow" or an approved equal.
3. Dome orientation shall conform to the latest ADA / Title 24 regulations.
4. The two lower corners of the detectable warning surface shall be less than or equal to 6" from the flowline of the gutter.
5. For new curb ramps, install VPC cast in place tiles with sound attenuation for the visually impaired. For retrofit ramps, install VPC surface mounted tiles with 1/4" x 1.5" stainless steel expansion anchors embedded into the existing concrete. Modular VPC tiles embedded into precast concrete are also acceptable for retrofit ramps. The retrofit ramps shall also have sound attenuating attributes. Submit shop drawings and product information to the Project Engineer for review and approval prior to installation.
6. Detectable warning dome tiles or strips made of materials other than VPC shall only be used with the written approval of the Director of Public Works.



Bottom Diameter = 0.9 inches
 Top Diameter = 0.45 inches
 Height = 0.2 inches
 Center-to-Center Spacing = 1.67 inches

PLAN VIEW OF DETECTABLE WARNING DOMES
 NTS



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE SIGNED CITY OF OAKLAND STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION IS AVAILABLE FOR PURCHASE FROM THE CONTRACT ADMINISTRATION DEPARTMENT.

THIS SHEET IS FOR GUIDANCE ONLY. ALL CURB RAMPS SHALL BE CONSTRUCTED PER THE MOST RECENT EDITIONS OF THE AMERICAN WITH DISABILITIES ACT (ADA) AND THE CALIFORNIA TITLE 24 ACCESSIBILITY GUIDELINES