



**DETECTABLE WARNING SURFACE**

**NOTES:**

1. DETECTABLE WARNING SURFACES SHALL BE PRE-FABRICATED VITRIFIED POLYMER COMPOSITE MATERIAL, AS MANUFACTURED BY ARMOR-TILE, OR APPROVED EQUAL.
2. TRUNCATED DOMES SHALL HAVE DIMENSIONS OF 0.20" HEIGHT, 0.9" BASE DIAMETER, AND 0.45" TOP DIAMETER, AND BE SPACED AT 1.67" ON CENTER TO 2.35" ON CENTER.
3. DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY BY AT LEAST 70% WITH ADJACENT SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT. STANDARD COLOR FOR THE DETECTABLE WARNING SURFACE SHALL BE FEDERAL YELLOW (NO. 33538) UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
4. DETECTABLE WARNING SURFACES SHALL BE SLIP RESISTANT.
5. DETECTABLE WARNING PAD INSTALLATIONS SHALL UTILIZE CAST-IN-PLACE PRODUCTS AND INSTALLATION METHOD FOR ALL NEW INSTALLATIONS WITHOUT EXCEPTION. SURFACE MOUNT PRODUCTS AND INSTALLATION METHOD MAY BE USED FOR RETROFIT SITUATIONS WITH PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER. ALL PRODUCTS AND INSTALLATION METHODS SHALL CONFORM TO THESE SPECIFICATIONS AND DETAILS AND MANUFACTURER RECOMMENDATIONS.
6. ALL DETECTABLE WARNING PRODUCTS USED MUST COME WITH A 5-YEAR WARRANTY FOR SHAPE, COLOR FASTNESS, SOUND-ON-CANE ACOUSTIC QUALITY, RESILIENCE AND ATTACHMENT. WARRANTY MUST STATE THAT PRODUCT AND ATTACHMENT WILL NOT DEGRADE SIGNIFICANTLY FOR 5 YEARS, I.E. MUST RETAIN AT LEAST 90% OF ITS ORIGINAL APPROVED DESIGN CHARACTERISTICS.
7. THE EDGE OF THE DETECTABLE SURFACE SHALL HAVE A BEVELED EDGE SLOPED AT 1:2 MAXIMUM. WHEN THE DETECTABLE SURFACE EDGE IS CUT AND THE RESULTING EDGE IS NOT FLUSH WITH THE SURFACE OF THE CURB RAMP, THE EDGE SHALL BE BEVELED OR CONFORMED WITH AN APPROVED FILLER AT 1:2 MAXIMUM SLOPE, IN ACCORDANCE WITH THE APPROVED DETECTABLE SURFACE MANUFACTURER'S REQUIREMENTS.

**THE CITY OF WEST SACRAMENTO - STANDARD DETAIL**



APPROVED: Aug. X, 2025

STANDARD  
DETAIL #

**210**

TITLE:

**CURB RAMP  
DETECTABLE WARNING  
SURFACE DETAIL**

