Approved CBC Detectable Warnings must meet the following Criteria:

A written 5-year Product Warranty for Shape, Color Fastness, Sound-on-Cane Acoustic Quality, Resilience, and Attachment:

A) Shape:

Must be able to retain its original shape when subjected to varying degrees of temperature, moisture, pressure, or other stress.

B) **Color Fastness:**

The ability of the material or coating to retain its original hue without fading or changing when exposed to environmental conditions.

C) Sound-on-Cane Acoustic Quality:

The ability of a material to retain its original sound characteristics when impacted by an object.

D) Resilience:

The ability of the material to absorb energy when deformed elastically without creating a permanent deformation.

E) Attachment:

Attachment will not degrade significantly for at least five (5) years after initial installationmeaning the product maintains at least 90% of original product and bond. Bolt down products shall not be used.

2) **Confirmation - A written dimensional specifications:**

A written dimensional specification of the truncated domes and raised bars as specified in the codes see below dimensions:

Base Diameter: 0.9" to 0.92" A) B) **Top Diameter:** 0.45" to 0.47" C) Center-to-Center Spacing: 2.3" to 2.4" 0.18" to 0.22" D) Height:

Light on Dark or Dark on Light 3)

70% contrast with adjoining surfaces - Contrast = [(B1-B2)/B1] x 100 percent, where B1=light reflectance value (LRV) of the lighter area, B2=light reflectance value (LRV) of the darker area

Methods of installations: 4)

Cast-in-place (required for all new construction) or Surface mount (retrofit only)

5) Size:

3' depth by full width

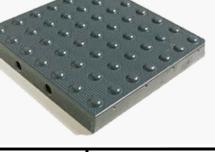
6) Color:

Color shall be Dark Gray #36118 of FED-STD-595 unless specified otherwise

Approval: 7)

Armor-Tile or equal as approved by City						
DATE: 09/22/2017			NOT T	O SCALE	CITY OF ELK GROVE - PUBLIC WORKS	
REVISION	BY	APF	PROVED	DATE		

DETECTABLE WARNING **SPECIFICATIONS**



APPROVED BY: Chest Mudock 1/16/2020 CITY ENGINEER DATE



DRAWING NUMBER

AR - 3.1