Approved CBC Detectable Warnings must meet the following Criteria:

1) **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 installation—meaning 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:
   
   A) **Base Diameter:** 0.9" to 0.92"
   B) **Top Diameter:** 0.45" to 0.47"
   C) **Center-to-Center Spacing:** 2.3" to 2.4"
   D) **Height:** 0.18" to 0.22"
   
3) **Light on Dark or Dark on Light**
   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
   
4) **Methods of installations:**
   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
   
7) **Approval:**
   Armor-Tile or equal as approved by City