NOTES:
1. The Detectable Warning Surface shall extend the full width of the curb ramp (exclusive of flares) or the turning area.
2. The rows of truncated domes in a Detectable Warning Surface shall be parallel with the direction of wheelchair travel.
4. If a curb is not present, place the Detectable Warning Surface at the edge of the pavement.
5. The Detectable Warning Pattern shall be installed using Vanguard ADA Systems, ADA Solutions, or Armor-Tile "Cast in Place Systems," manufactured by Engineering Plastics Inc., or approved equal. Concrete shall be blocked out as required for the installation of the Detectable Warning Pattern material.
6. The Detectable Warning Pattern area shall be yellow and shall match the color of Federal Standard 595a, color number 33538.

### DETECTABLE WARNING SURFACE DETAIL

- **DIRECTION OF TRAVEL**
- **CURB RAMP, TURNING SPACE PASS-THROUGH OR WALKWAY**
- **DETECTABLE WARNING SURFACE**
- **2'-0" MIN. ALL APPLICATIONS**
- **CURB AND GUTTER**
- **RAMP OR TURNING SPACE FLUSH WITH GUTTER**

**SECTION DETAIL A-A**

**TRUNCATED DOME DETAILS**

TRUNCATED DOME SPACING

<table>
<thead>
<tr>
<th>MIN</th>
<th>MAX</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1.60&quot; - 2.40&quot;</td>
</tr>
<tr>
<td>B</td>
<td>0.65&quot;</td>
</tr>
<tr>
<td>C</td>
<td>0.45&quot; - 0.50&quot;</td>
</tr>
<tr>
<td>D</td>
<td>0.90' - 1.40&quot;</td>
</tr>
<tr>
<td>E</td>
<td>0.20' - 0.20&quot;</td>
</tr>
</tbody>
</table>

**PLACE AT BACK OF CURB LINE, UNLESS OTHERWISE NOTED**

**MATCH TO WIDTH OF CURB RAMP, TURNING SPACE, PASS-THROUGH OR WALKWAY**

**CERTIFIED**

**DCS**
PUBLIC WORKS
TACOMA POWER

**GMS**
ENVIRONMENTAL SERVICES
TACOMA WATER

**APPROVED FOR PUBLICATION**
CITY ENGINEER
8/16/11

**CITY OF TACOMA**
DETECTABLE WARNING SURFACE DETAILS
STANDARD PLAN NO. SU-05G