**GENERAL NOTES:**

1. SITE CONDITIONS WILL VARY. CONFIGURATION OF RAMP, LANDING, AND CLEAR SPACE MAY BE CHANGED, BUT THEY MUST MEET DIMENSIONS AND SLOPES SHOWN HERE. THE USE OF ITEMS SUCH AS FLARES AND CURBWALLS ARE AT THE DISCRETION OF THE ENGINEER.

2. PROVIDE DETECTABLE WARNING SURFACE FOR FULL WIDTH OF CURB CUT. SEE DETAIL A ON STD DWG GW 5C FOR DETECTABLE WARNING SURFACE DIMENSIONS.

3. LOCATE DETECTABLE WARNING SURFACE SO THE CORNERS NEAREST THE STREET ARE WITHIN 1 INCH OF THE BACK OF CURB.

4. PERPENDICULAR AND PARALLEL PEDESTRIAN RAMPS SHOWN ON THIS DRAWING ARE ACCEPTABLE FOR USE AT MID-BLOCK OR CORNER INSTALLATIONS. REFER TO STD DWG GW 5B AND GW 5C FOR EXAMPLES OF CORNER INSTALLATIONS.

5. PROVIDE DETECTABLE WARNING SURFACE COLOR THAT CONTRASTS WITH ADJACENT WALKING SURFACE, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.

6. USE CLASS AA(AE) CONCRETE.

7. USE UNTREATED BASE COURSE UNDER ALL CONCRETE FLATWORK.

8. GRIND OFF REMAINING PORTION OF ANY CUT DOMES WHEN DETECTABLE WARNING SURFACE IS CUT. SEAL ALL CUT PANEL EDGES TO PREVENT WATER DAMAGE.

9. LOCATE CURBS CUT WITHIN CROSSWALK.

10. RAMP GRADE BREAK MUST BE PERPENDICULAR TO THE RUNNING SLOPE.

11. REFER TO STD DWG SL 9 FOR DISTANCE TO PEDESTRIAN SIGNAL BUTTON.

12. CLEAR SPACE AND LANDINGS SIZE: 4 FT MIN X 4 FT MIN.

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**SLOPE TABLE**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>MAX RUNNING SLOPE</th>
<th>MAX CROSS SLOPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LANDING</td>
<td>2% (1V:48H)</td>
<td>2% (1V:48H)</td>
</tr>
<tr>
<td>RAMP</td>
<td>8.33% (1V:12H)</td>
<td>2% (1V:48H)</td>
</tr>
<tr>
<td>SIDEWALK</td>
<td>5% (1V:30H)</td>
<td>2% (1V:48H)</td>
</tr>
<tr>
<td>NON-TRAVERSABLE</td>
<td>2% (1V:48H)</td>
<td></td>
</tr>
<tr>
<td>TRANSITION</td>
<td>2% (1V:48H)</td>
<td>2% (1V:48H)</td>
</tr>
</tbody>
</table>

* RUNNING SLOPE IS IN THE DIRECTION OF PEDESTRIAN TRAVEL. CROSS SLOPE IS PERPENDICULAR TO PEDESTRIAN TRAVEL.

(a) CLEAR SPACE RUNNING SLOPE NEEDS TO BE CONSISTENTLY ACROSS ENTIRE CURB CUT. WARP OUTER PAN TO MEET REQUIRED CLEAR SPACE SLOPE AT CURB CUT.

(b) FLARE SLOPE IS MEASURED PARALLEL TO CURB LINE.

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**EXCEPTIONS:**

(a) CROSS SLOPE REQUIREMENTS DO NOT APPLY AT MID-BLOCK CROSSINGS.

(b) PARALLEL RAMPS ARE NOT REQUIRED TO EXCEED 15 FEET IN LENGTH.

(c) CROSS SLOPE REQUIREMENTS DO NOT APPLY AT PERPENDICULAR RAMP MID-BLOCK CROSSING, DO NOT EXCEED ROADWAY PROFILE GRADE.

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**SECTION A-A**

- PEDESTRIAN ACCESS RAMP DETAIL

**SECTION B-B**

- PEDESTRIAN RAMP DETAIL

**SECTION C-C**

- PEDESTRIAN RAMP DETAIL