MINIMUM CURB RETURN RADIUS REQUIRED

<table>
<thead>
<tr>
<th>INTERSECTING STREETS:</th>
<th>RADIUS</th>
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</thead>
<tbody>
<tr>
<td>LOCAL STREET AND LOCAL STREET</td>
<td>20'</td>
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<tr>
<td>LOCAL STREET AND COLLECTOR ST.</td>
<td>30'</td>
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<tr>
<td>SECONDARY HN. OR GREATER</td>
<td>35'</td>
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<tr>
<td>SECONDARY HN. OR GREATER</td>
<td>50'</td>
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</tbody>
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(RESIDENTIAL)  (COMMERCIAL/INDUSTRIAL)

RAMP DIMENSION TABLE

| W | 0' | 11'-0" | 8'-0"
| W | 7'-0" | 5'-0"

NOTES:

1. SIDEWALK WIDTH SHALL BE 5' WHEN ADJACENT TO BLOCK WALL OR OTHER OBSTRUCTION.
2. FOR BLOCK WALL LOCATION AT INTERSECTION SEE COUNTY STD. 302. THE DETECTABLE WARNING SURFACE SHALL BE CONSTRUCTED BY CAST-IN-PLACE METHOD OR SHALL CONSIST OF A PREFABRICATED SURFACE, APPROVED BY THE COUNTY ENGINEER.
3. A GLUE DOWN DETECTABLE WARNING SURFACE IS NOT ALLOWED.
4. FOR RIGHT-OF-WAY LOCATION SEE PROJECT PLANS.
5. WPJ INDICATES WEAKENED PLANE JOINT
6. EJ INDICATES 1/4" PREMOLDED EXPANSION JOINT FILLER PER ASTM DESIGNATION D 1751.

CO. OF SAN BONO, DEPT. OF PUBLIC WORKS
CURB RETURN WITH SIDEWALK RAMP

CURB RETURN 110
WITH SIDEWALK RAMP 1 OF 2
1. The Sidewalk and Ramp thickness shall be 4" minimum.
2. The Sidewalk Ramp slope shall be 8.33% maximum.
3. The Ramp shall have a 12" wide border with 1/4" grooves at 3/4" O.C.
4. The Ramp shall have a transverse broom finish texture rougher than the surrounding sidewalk.
5. Transitions from ramps to walks, gutters or streets shall be flush and free of abrupt changes.
6. The maximum slope of the road surface immediately adjacent to the curb ramp shall not exceed 5 percent within 4' of the ramp.
7. The edge of the detectable warning surface nearest the street shall be between 5" and 8" from the gutter flowline.
8. Modifications to location or dimensions of ramp shall require approval of County Engineer and shall be shown on approved plans.
9. Utility pull boxes, manholes, vaults and all other utility facilities within the boundaries of the curb ramp will be relocated or adjusted to grade by the owner prior to, or in conjunction with, curb ramp construction.

D.W.S. = Detectable Warning Surface