Provide a minimum of 2 inches of cover for all reinforcing.

Ensure all risers are an equal height and all treads are an equal depth within a flight of stairs.

1. Minimum riser height is 4 inches. Maximum riser height is 7 inches.
2. Minimum tread depth is 11 inches.
3. Construct cross slope of landing to match adjacent sidewalk.
4. Slope tread 1% minimum to 2% maximum in any direction.
5. Match existing sidewalk width.

- Minimum tread depth is 11 inches.
- Maximum riser height is 7 inches.
- Ensure all risers are an equal height and all treads are an equal depth within a flight of stairs.
- Provide a minimum of 2 inches of cover for all reinforcing.

<table>
<thead>
<tr>
<th>Rise</th>
<th>Tread</th>
</tr>
</thead>
<tbody>
<tr>
<td>x</td>
<td>y</td>
</tr>
<tr>
<td>2</td>
<td>6&quot;</td>
</tr>
<tr>
<td>3</td>
<td>5&quot;</td>
</tr>
<tr>
<td>4</td>
<td>4&quot;</td>
</tr>
</tbody>
</table>
Provide a minimum of 2 inches of cover for all reinforcing.

Ensure all risers are an equal height and all treads are an equal depth within a flight of stairs.

6. Weld post to anchor plate with 1/4 inch weld. Grind weld to provide smooth surface, free of burns.

7. Upon approval of Engineer, side rails may be formed and constructed separately from the stairs. Seal the cold joint between the side rail and stairs according to Section 7010.

8. If side rails and stairs are constructed separately, dowel bar substitutes may be used for the bent bars connections between the side rails and the stairs.

**SECTION B-B**
(Side Rails and Stairs Formed and Constructed Monolithically)

**ALTERNATE SECTION B-B**
(Side Rails and Stairs Formed and Constructed Separately)

**ANCHOR PLATE DETAIL**

**BENT BAR**

**FIGURE 9080.102**
SHEET 2 OF 2

*Side Rails and Stairs Formed and Constructed Monolithically*

*Side Rails and Stairs Formed and Constructed Separately*