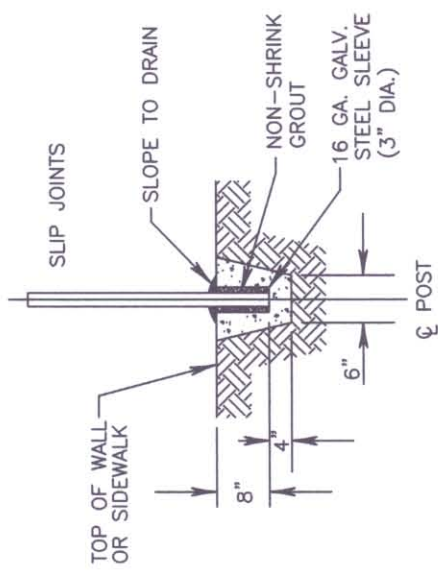


**NOTES:**

1. MATERIAL FOR PEDESTRIAN HANDRAIL SHALL BE ALUMINUM (ASTM B-429) POWDER COATED OR ANODIZED (CLASS I) W/ MIN. COATING THICKNESS OF 0.7 MILS. COLOR OF COATING SHALL BE BLACK, BRONZE, OR DARK BRONZE AS APPROVED BY CITY, OR HOT DIPPED GALVANIZED STEEL (ASTM 120) AS APPROVED BY THE CITY.
2. PROVIDE SLIP JOINTS AT STAIRWAY EXPANSION JOINTS AND AT EVERY 24 FEET ON CENTER (MAXIMUM).
3. STEEL RAILINGS MATERIALS SHALL BE WELDED OR SEAMLESS STEEL PIPE CONFORMING TO THE REQUIREMENTS OF ASTM A 120, STRUCTURAL STEEL CONFORMING TO ASTM A 36, OR TUBULAR SECTIONS OF HOT ROLLED MILD STEEL, CONFORMING TO ASTM A 501. ALL WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE AWS D1.1. AFTER FABRICATION EACH SECTION OF RAILING SHALL BE HOT-DIPPED GALVANIZED WITH A MINIMUM ZINC COATING OF 2 OUNCES PER SQUARE FOOT. ALL BURRS AND SHARP EDGES SHALL BE REMOVED PRIOR TO GALVANIZING.
4. FIELD WELDS SHALL BE GALVANIZED WITH 3 COATS OF SUCH MATERIALS AS "GALVALLOY" OR GALVICON. PAINTING OF WELDS WILL NOT BE PERMITTED.
5. HORIZONTAL RAILS AND VERTICAL SUPPORT POSTS SHALL BE 1 1/2 INCH DIAMETER AND BALUSTERS SHALL BE 3/4 INCH DIAMETER STANDARD WEIGHT GALVANIZED STEEL PIPE. RAILS, POSTS AND BALUSTERS SHALL BE MACHINE CUT TO PROVIDE A UNIFORM LENGTH PRIOR TO ASSEMBLY.



**DETAIL A**

CITY WILL ACCEPT OTHER VERSIONS OF THIS CONCEPT DESIGN.  
 SUBMIT DESIGN TO CITY ENGINEER FOR APPROVAL.

 <p>DEPARTMENT OF PUBLIC WORKS</p>	<p><b>STANDARD PLANS</b>      STR 014</p> <p><b>PEDESTRIAN HANDRAIL</b></p> <p>APPROVED: <i>Angela Jefferson</i>  <small>Director of Public Works/City Engineer</small></p> <p>REVISION: MAY 2005      NOT TO SCALE      BY: L.C.</p>	<p>STR 014</p>
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