



City of Anaheim
DEPARTMENT OF PUBLIC WORKS
Survey Division

EXHIBIT 8

**STREET INTERSECTION AND CONTROL POINT
TIE REQUIREMENTS**

1. Ties shall be legibly drawn on 8 ½" x 11" paper.
2. No more than two intersections or control points shall be shown on a single page.
3. For projects requiring multiple pages, the first page shall be an index map showing all streets with references to page numbers. The index page shall be stamped by the surveyor responsible for the ties.
4. Each page shall show the firm's name, LS number, or RCE number (for pre-1982 engineers), tract number or parcel map number, date and page number.
5. Centerline monuments and control points set in paved sections shall be a spike with a minimum length of 6" with a minimum shank diameter of ½". 3/8" square shanks are acceptable.
6. All points set shall be tagged with LS number or RCE number.
7. A minimum of four reference points shall be set for each centerline or control point
8. All reference tie points shall be set tangentially unless field conditions dictate otherwise.
9. Where practicable, permanent reference tie points shall be a lead and tack with surveyor's tag set in the top of concrete curb.
10. All private streets shall be monumented in a similar manner to public streets and ties shall be submitted for approval.
11. Ties shall be submitted to the Survey Division for checking and approval prior to the release of monument bonds.



Ian Easton LS,
Chief of Surveys
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