## **GENERAL**

- 1. ALL FOUND MONUMENTATION (WHICH MAY BE TIES IN THE ABSENCE OF A MONUMENT) SHOULD INCLUDE NOTES INDICATING WHETHER A MONUMENT WAS ACCEPTED AT THE POSITION OR NOT ACCEPTED, INCLUDING A BRIEF EXPLANATION WHY THE FOUND MONUMENT/TIES IS/ARE NOT ACCEPTED. ADDITIONALLY, ALL FOUND MONUMENTS SHOULD INCLUDE THE FOLLOWING INFORMATION: SUFFICIENT DESCRIPTION OF THE PHYSICAL MONUMENT, ALL TAG/WASHER STAMPING IN QUOTES, THE DEPTH OF THE MONUMENT, THE SURFACE/MATERIAL THE MONUMENT WAS FOUND IN. AND A REFERENCE FOR THE MONUMENT (OR STATE MONUMENT HAS NO REFERENCE).
- 2. ALL MONUMENTS SHALL BE TAGGED WITH AN R.C.E. OR L.S. NUMBER ON A BRASS TAG SET INTO MORTOR MIX AND SET INTO THE TOP OF AN IRON PIPE (I.P.), OR APPROVED EQUAL. (SEE NOTE 3)
- 3. PERMAMARK OR PLASTIC SURVEY MARKERS ARE NOT ALLOWED.

## SUBDIVISION BOUNDARY MONUMENTS

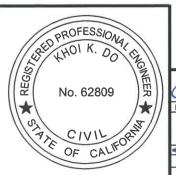
- 4. 2"x24" IRON PIPE WITH BRASS NAIL (OR SIMILAR ALLOY) AND BRASS TAG IS REQUIRED AT ALL SUBDIVISION BOUNDARY CORNERS AND ANGLE POINTS. A 2"X24" IRON PIPE AND 2-1/2" DOMED BRASS DISK ARE REQUIRED AT ALL SECTION CORNERS AND QUARTER CORNERS.
- 5. 1"x18" IRON PIPE IS REQUIRED AT ALL LOT CORNERS ALONG SUBDIVISION BOUNDARIES AND STREET CENTERLINES. IN ALL CASES THE PARCEL MAP SHALL PROVIDE 1"X18" IRON PIPE MONUMENTATION AT THE RIGHT-OF-WAY (R/W) LINES.
- ALL MONUMENTS SHALL BE SET WITHIN THE TIME LIMIT STATED ON THE CIVIL ENGINEER'S OR SURVEYOR'S CERTIFICATE, OR MONUMENTATION DEPOSIT WILL BE FORFEITED.
- 7. PRIOR TO FINAL MAP APPROVAL, AT LEAST ONE EXTERIOR LINE OF SUBDIVISION, EXCLUDING STREET CENTERLINE, MUST BE MONUMENTED.
- 8. MONUMENTS SHALL BE SET AT ALL CORNERS, ANGLE POINTS, BCs, PRCs, & ECs OF THE SUBDIVISION BOUNDARY UNLESS LESSER REQUIREMENTS ARE APPROVED IN WRITING BY THE CITY ENGINEER. PURSUANT TO STANDARD DRAWING 6103 AND 6106
- 9. MONUMENTS SHALL BE LEFT EXPOSED AND FLAGGED FOR CITY INSPECTION.

## LOT AND PARCEL MONUMENTS

- 10, LOT AND PARCEL CORNERS SHALL BE MONUMENTED WITH A 1"X18" IRON PIPE.
- 11. A NAIL AND TAG STAMPED WITH L.S. OR R.C.E. NUMBER MAY BE SET IN THE CURB OR SIDEWALK, ON THE PROLONGATION OF THE SIDE LOT LINES, FOR LOT CORNERS ADJACENT TO A PUBLIC STREET RECESSED TO WITHSTAND VANDALISM AND DISPLACEMENT.

## STREET CENTERLINE MONUMENTS

- 12. PRINCIPAL ARTERIAL CENTERLINE INTERSECTION MONUMENTS SHALL BE SET AS A WELL MONUMENT PURSUANT TO STANDARD 6102 WHERE THE SURFACE IS PAVED ASPHALT.
- 13. ANY CENTERLINE/TEE INTERSECTIONS ESTABLISHED SHALL BE MONUMENTED WITH A 1"X18" IRON PIPE TAGGED WITH A L.S. OR R.C.E. NUMBER PURSUANT TO STANDARD 6103. MONUMENTS SET IN CONCRETE CENTERLINE/TEE INTERSECTIONS SHALL BE SET AS A 2-1/2" DOMED BRASS DISK RECESSED TO WITHSTAND VANDALISM AND DISPLACEMENT PURSUANT TO STANDARD 6105.
- 14. PI POINTS BOTH ON AND OFF-SITE AND NON-INTERSECTION POINTS (EC's, BC's, PRC's AND CUL-DE-SACS) ESTABLISHED SHALL BE MONUMENTED WITH A 1"X18" IRON PIPE TAGGED L.S. OR R.C.E. NUMBER PURSUANT TO STANDARD 6103.
- 15. AT AN UNPAVED SURFACE A TAGGED 1"X18" IRON PIPE SHALL BE SET SIX INCHES BELOW THE UNPAVED SURFACE.
- 16. WHERE AN INTERSECTION LOCATION FALLS ON A MANHOLE, 4-MAG SPIKE AND WASHER CROSS-TIES STAMPED WITH A L.S. OR R.C.E. NUMBER SHALL BE SET IN THE ASPHALT SURFACE. WHEN A POINT FALLS ON CONCRETE SURFACE AROUND MANHOLE, A LEAD, TACK, AND TAG WITH L.S. OR R.C.E. NUMBER SHALL BE SET ALONG WITH 4-MAG SPIKE AND WASHER CROSS-TIES STAMPED WITH L.S. OR R.C.E. NUMBER PURSUANT TO STANDARD 6108.



17. FOR ANY FOUND CENTERLINE MONUMENT WHERE A SUFFICIENT NUMBER OF RECORD TIES (MINIMUM 3) DO NOT EXIST, THE LAND SURVEYOR WILL SET NEW TIES AND EITHER INCLUDE THAT INFORMATION ON THE SUBDIVISION MAP, OR FILE A CORNER RECORD. THE APPROPRIATE FORMAT (INCLUDE ON MAP OR BY CORNER RECORD) WILL BE APPROVED BY THE CITY ENGINEER PRIOR TO TIES BEING SET.

APPROVED BY:

62809

62809

KHOI DO, CITY ENGINEER RCE DATE

RECOMMENDED:

70990

97990

BRYAN LIRLEY, ASSISTANT CITY ENGINEER RCE

REV DESCRIPTION BY APP'D DATE

CITY OF ONTARIO

SUBDIVISION MONUMENT REQUIREMENTS STANDARD DRAWING NUMBER

6107