

GENERAL

1. ANY MONUMENT EXISTING AS SHOWN IN THE TIE BOOK IS ACCEPTABLE. (SEE NOTE 17)
2. ANY RECORD MONUMENT EXISTING AS RECORDED IS ACCEPTABLE AS "FOUND."
3. ALL MONUMENTS SHALL BE TAGGED WITH AN R.C.E. OR L.S. NUMBER ON A BRASS TAG SET INTO GROUT AND SET INTO THE TOP OF AN IRON PIPE (I.P.), OR APPROVED EQUAL. (SEE NOTE 4)
4. PERMAMARK OR PLASTIC SURVEY MARKERS ARE NOT ALLOWED.
5. SEE STANDARD DRAWING NOS. 6101, 6102 AND 6103 FOR ADDITIONAL REQUIREMENTS.
6. ALL DIMENSIONS HEREON ARE MINIMUMS.
7. CONTACT THE CITY ENGINEER'S OFFICE FOR PRIOR APPROVAL OF ANY DEVIATIONS.
8. A DURABLE MONUMENT SHALL BE SET ON ALL LOT, PARCEL AND BOUNDARY CORNERS OR AT ANY CHANGE IN COURSE.

SUBDIVISION BOUNDARY MONUMENTS

9. 2"x24" IRON PIPE REQUIRED AT ALL SECTION CORNERS AND QUARTER CORNERS.
10. 1"x18" IRON PIPE REQUIRED AT ALL PARCEL MAP BOUNDARIES AND FOR ALL TRACT OR PARCEL MAP BOUNDARIES ON STREET CENTERLINE. IN ALL CASES THE PARCEL MAP SHALL PROVIDE 1" I.P. MONUMENTATION AT THE R/W LINES.
11. ALL TRACT MONUMENTS SHALL BE SET WITHIN THE TIME LIMIT STATED ON THE CIVIL ENGINEER'S OR SURVEYOR'S CERTIFICATE, OR MONUMENTATION DEPOSIT WILL BE FORFEITED.
12. AT LEAST ONE EXTERIOR LINE OF THE SUBDIVISION SHALL BE MONUMENTED PRIOR TO FINAL MAP APPROVAL. THE LINE TO BE MONUMENTED SHALL BE A LINE OTHER THAN A STREET CENTERLINE.
13. MONUMENTS SHALL BE LEFT EXPOSED FOR FIELD INSPECTION BY THE CITY ENGINEER.
14. MONUMENTS SHALL BE SET AT ANY CHANGE IN THE LINE OF SURVEY.



LOT AND PARCEL MONUMENTS

15. NAIL AND TAG MAY BE SET IN THE CURB, ON THE PROLONGATION OF THE SIDE LOT LINES, FOR LOT CORNERS ADJACENT TO A PUBLIC STREET.
16. LOT AND PARCEL CORNERS SHALL BE MONUMENTED WITH 1"x18" IRON PIPE OR 3/4"x18" IRON PIPE AND SHALL BE CONSISTANT THROUGHOUT THE SUBDIVISION.

STREET CENTERLINE MONUMENTS

17. CENTERLINE TIE MONUMENTS SHALL BE 1"x18" IRON PIPE WITH METAL R.C.E. OR L.S. TAG. IN NON-PAVED SURFACES, THE TOP OF PIPE SHALL BE A MINIMUM OF SIX INCHES BELOW THE SURFACE. IN EXISTING A.C. PAVEMENT, THE TOP OF PIPE SHALL BE APPROXIMATELY 1/4" BELOW SURFACE LEVEL. IN P.C.C. PAVEMENT, A LEAD AND TACK WITH METAL R.C.E. OR L.S. TAG, OR APPROVED EQUAL, SHALL BE SET INTO DRILLED HOLES. WHERE AN INTERSECTION LOCATION FALLS ON A MANHOLE, 4-2" P.K. NAIL CROSS TIES SHALL BE SET IN THE A.C. SURFACE, OUTSIDE OF THE MANHOLE AREA, IN ADDITION TO THE STANDARD CURB TIE POINTS.
18. ANY MONUMENT FOUND, NOT AS SHOWN IN THE TIE BOOK, WITH TIES THAT DO NOT AGREE WITH THE TIE BOOK OR WHERE LESS THAN TWO TIES CAN BE FOUND, SHALL BE RESET AND RETIED. ANY MONUMENT MENTIONED ABOVE MAY BE ACCEPTED, IF APPROVED BY THE CITY ENGINEER AND PROPERLY TIED OUT BY THE L.S. OR R.C.E.



APPROVED BY:				
				
JOHN P. SULLIVAN CITY ENGINEER		24079 8/08/06		
		RCE	DATE	
RECOMMENDED:				
				
JIM MANN		33340 8/07/06		
ASSISTANT CITY ENGINEER		RCE	DATE	
REV	DESCRIPTION	BY	APP'D	DATE

CITY OF ONTARIO

SUBDIVISION
MONUMENT
REQUIREMENTS

STANDARD
DRAWING
NUMBER

6104