

# 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.
6. 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:				
<i>[Signature]</i>		62809	5/20/24	
KHOI DO, CITY ENGINEER		RCE	DATE	
RECOMMENDED:				
<i>[Signature]</i>		70990	5/15/24	
BRYAN LIRLEY, ASSISTANT CITY ENGINEER		RCE	DATE	
REV	DESCRIPTION	BY	APP'D	DATE

<b>CITY OF ONTARIO</b>	
<b>SUBDIVISION MONUMENT REQUIREMENTS</b>	<b>STANDARD DRAWING NUMBER  6107</b>