

ROOT MAPPING REPORT

DATE:

CLIENT NAME

CIVIC ADDRESS

RE: ROOT MAPPING REPORT

Date of Site Visit:

Weather:

Provides detailed information on the roots that are located along a particular line of excavation. Allows an arborist to determine impact the proposed work may have on the structural stability of the tree and its capacity to survive such impact. Accepted methods of root mapping are hand excavating a trench or air spade and hydro-van under arborist supervision.

Root mapping reports **must** contain the following:

- A site plan showing the location of all excavation lines in relation to the existing trees and their CRZ and required TPB dimensions based on DBH.
- Photographs of the completed excavation lines. The photographs are to include points of reference so that their location and orientation can be determined. Spray paint roots to make them more visible.
- A table of findings for each individual excavation line. This schedule is to include:
 - the total linear distance of the excavation line,
 - the linear distance along the excavation that the root was located,
 - the depth at which the root was encountered and
 - the diameter of the root.
- Any visual variations in roots observed are to be noted eg. presence of rot
- A section, with X (depth) and Y (Length) axis indicated, of the completed trench and all findings.
- All material found within the trench is to be included eg. roots, pipes, rocks, existing foundations etc.

Signature Block,

Certification number

Business License number

Contact email and phone

Please Note: Reports submitted to the City must address all of the above information. For sections that are not applicable to a project, include reasons for omission under the applicable sub heading. Any report found to be missing any of the above requirements without including reasons for omission will be rejected, and necessary revisions must be made prior to resubmission. Notification of report deficiencies will be sent to project arborist and client and could delay the release of security deposits or issuance of permit.

