

TREE PROTECTION REQUIREMENTS:

- PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10 X DIAMETER OF A TREE), TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE, AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
- UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
 - DO NOT PLACE ANY MATERIAL OR EQUIPMENT - INCLUDING OUTHOUSES;
 - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE;
 - DO NOT RAISE OR LOWER THE EXISTING GRADE;
 - TUNNEL OR BORE WHEN DIGGING;
 - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY TREE;
 - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY;
 - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING.
- TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. WOODLUC, STEEL, PLYWOOD HOARDING, OR SNOW FENCE ON A 2"x4" WOOD FRAME) WITH POSTS 2.4M APART, SUCH THAT THE FENCING LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ, AND INSTALLATION MUST MINIMIZE DAMAGE TO EXISTING ROOTS (SEE DETAIL).
- THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE INFORMATION REPORT, ETC). THE PLAN AND CONSTRUCTION OF FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
- IF THE FENCING TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS, OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

THE CITY'S TREE PROTECTION BY-LAW, 2020-240 PROTECTS BOTH CITY-OWNED TREES, CITY-WIDE, AND PRIVATELY OWNED TREES WITHIN THE URBAN AREA. PLEASE REFER TO WWW.OTTAWA.CA/TREELAW FOR MORE INFORMATION ON HOW THE TREE BY-LAW APPLIES.

Ottawa **TREE PROTECTION SPECIFICATION**

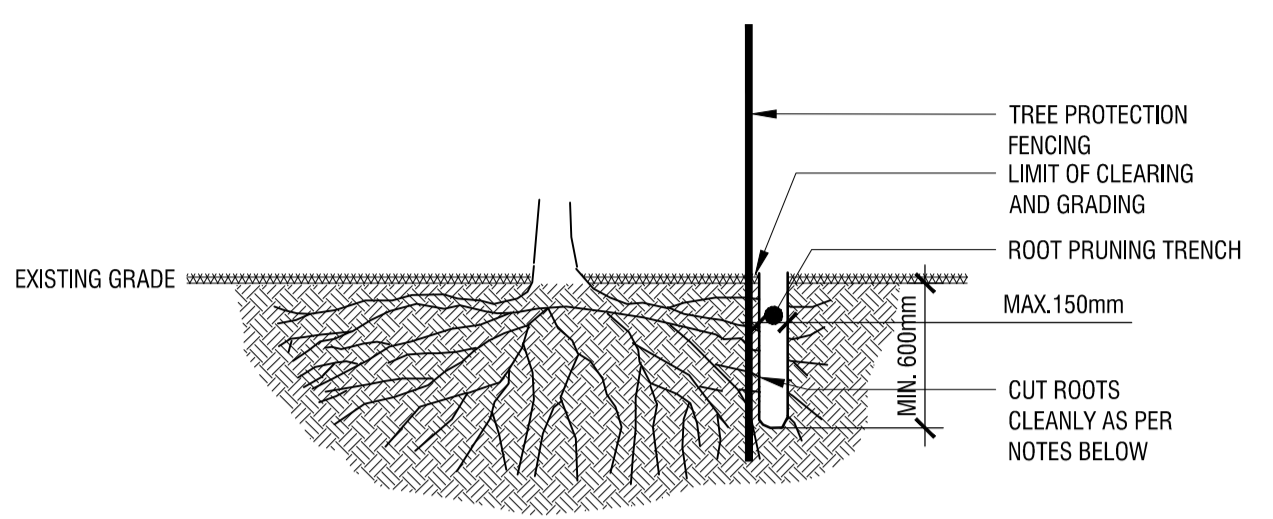
TO BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ON ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF WORK ACTIVITIES ON SITE.

SCALE: NTS
DATE: MARCH 2021
DRAWING NO.: 1 of 1

1 TREE PROTECTION FENCING
L4 n.t.s.

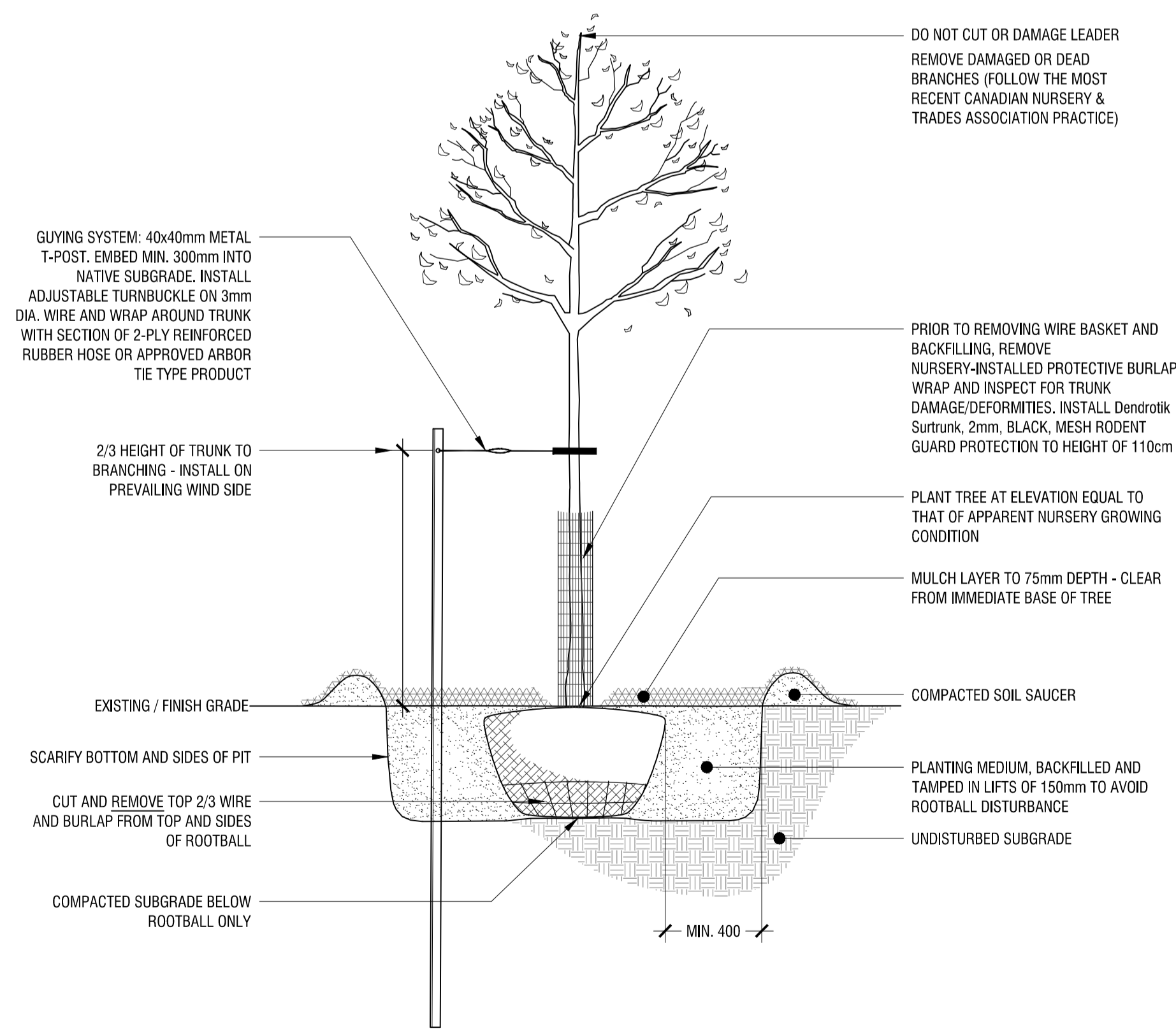
Kersten Nitsche
APPROVED
By Kersten Nitsche at 3:06 pm, Oct 01, 2025

KERSTEN NITSCHÉ, MCIP RPP
MANAGER (A), DEVELOPMENT REVIEW WEST
PLANNING, DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

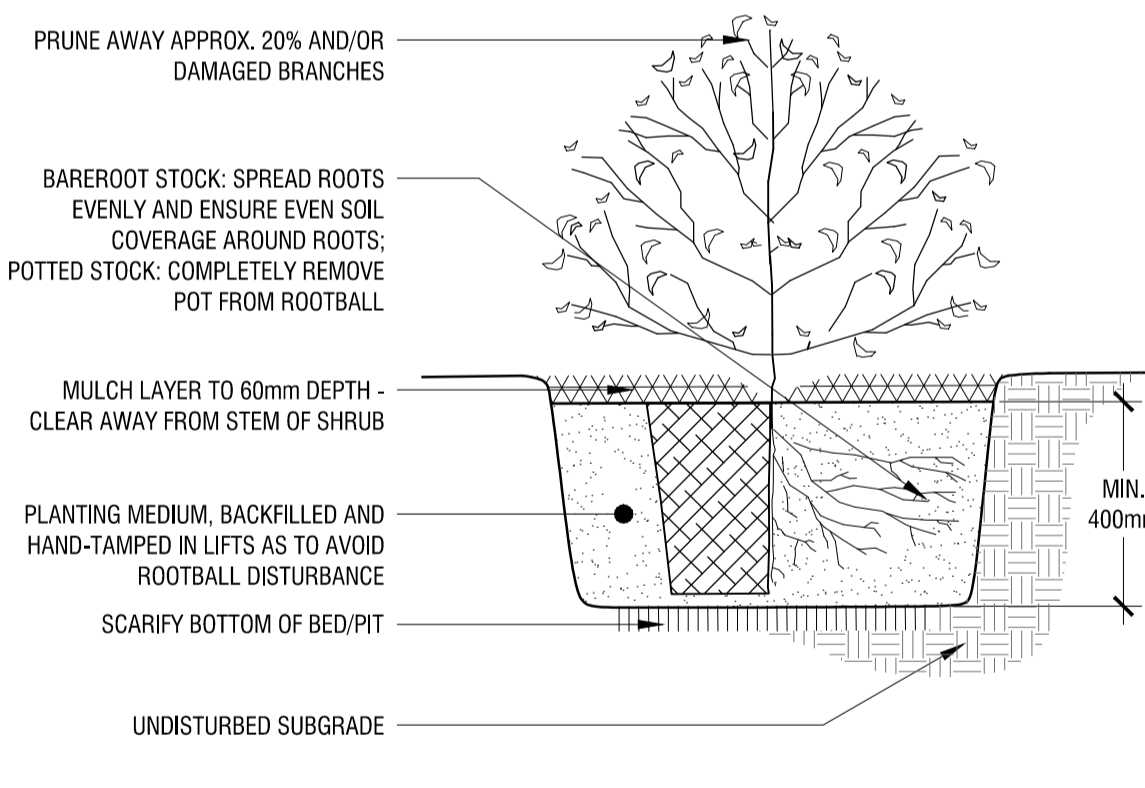


- NOTES:**
- PROPER ROOT PRUNING TECHNIQUE REQUIRED WHEN TREE ROOTS ENCOUNTERED DURING EXCAVATION.
 - EXCAVATIONS WITHIN DRIPLINE SHOULD BE BY DIRECTIONAL MICRO-TUNNELLING AND BORING. OUTSIDE THE DRIPLINE, ROOTS SHOULD BE CUT CLEANLY (AS PER ABOVE DRAWING) WITH PRUNING SHEARS OR A SAW WIPED WITH ALCOHOL BEFORE EACH CUT.
 - AFTER ROOTS ARE CLEANLY CUT, THE AREA SHOULD BE BACKFILLED WITH SUITABLE MATERIAL (TO BE APPROVED BY LANDSCAPE ARCHITECT) TO PREVENT DESICCATION; WHERE APPROPRIATE, THE TREES SHALL UNDERGO AN OVERALL PRUNING TO RESTORE TREE APPEARANCE AND / OR RESTORE THE BALANCE BETWEEN TOP GROWTH AND ROOTS. DO NOT PRUNE LEADERS.

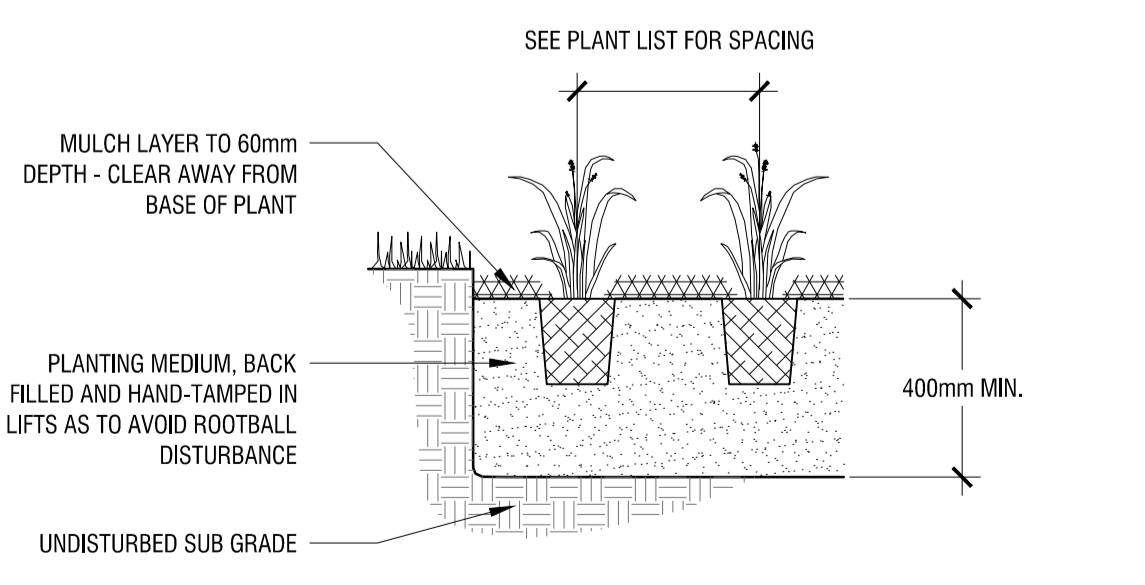
2 ROOT PRUNING DETAIL
L4 n.t.s.



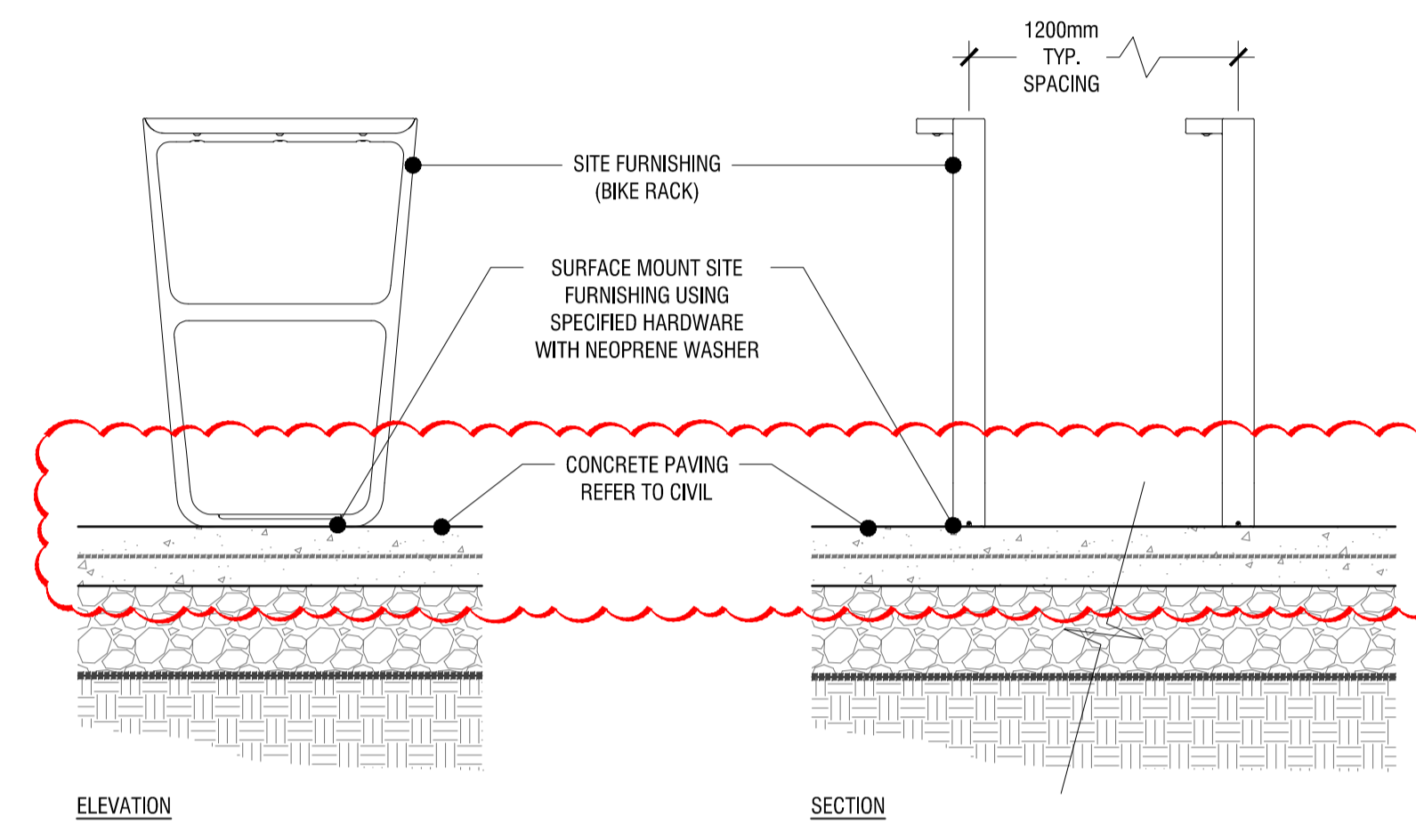
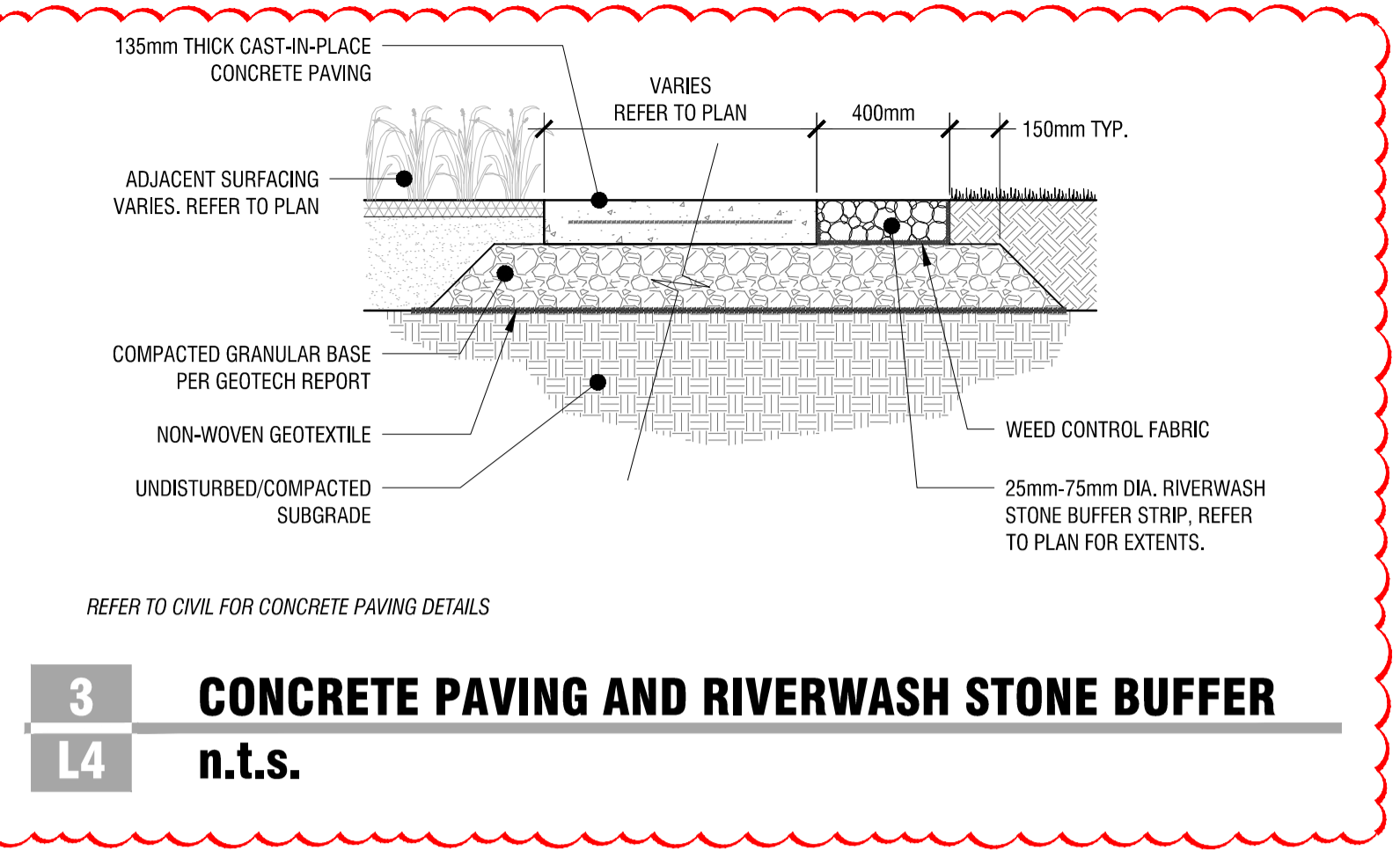
5 DECIDUOUS TREE PLANTING
L4 n.t.s.



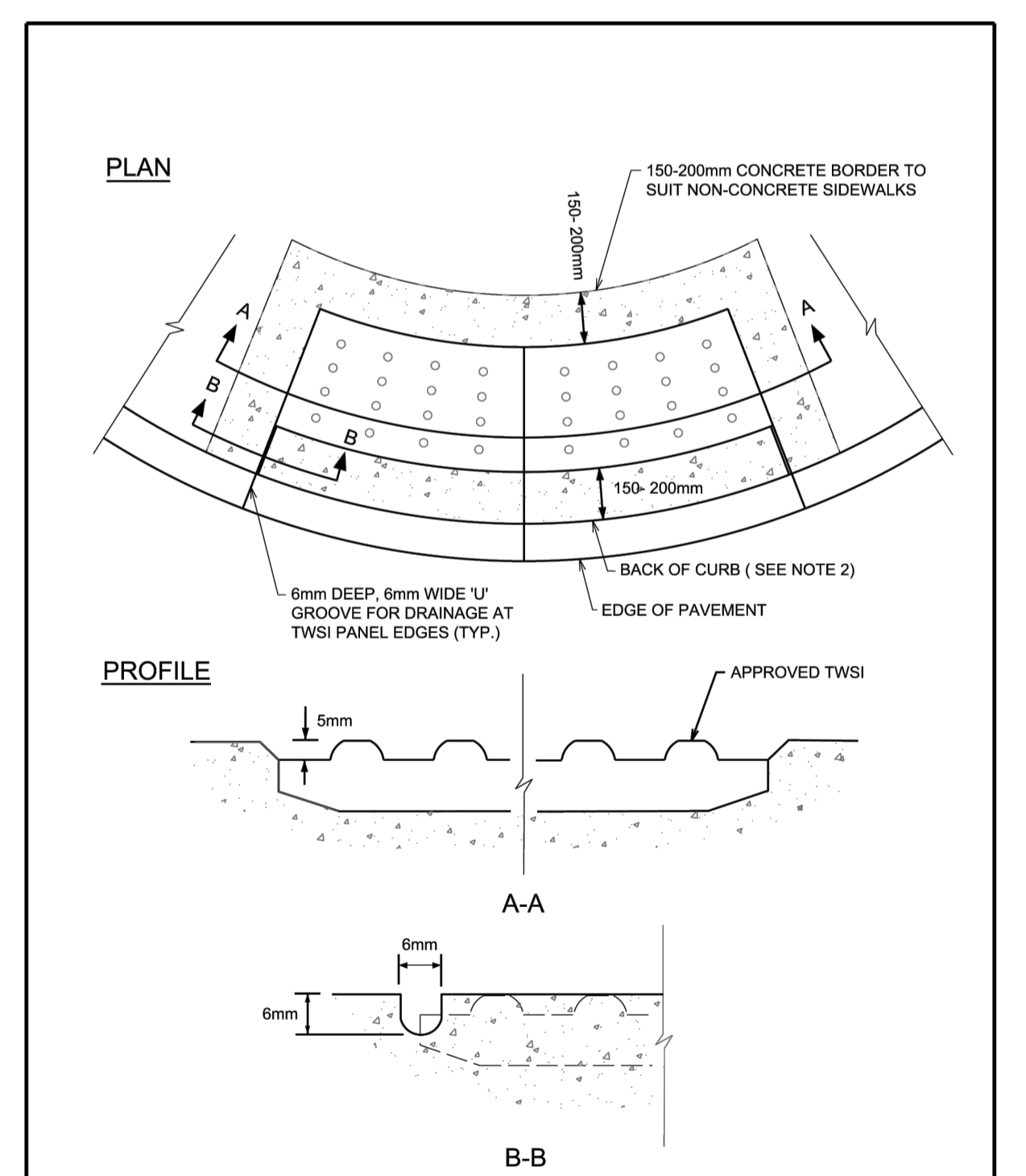
6 SHRUB PLANTING
L4 n.t.s.



7 PERENNIAL PLANTING
L4 n.t.s.



4 SURFACE MOUNTED BIKE RACK
L4 n.t.s.



Ottawa **TWSI DETAIL**

DATE: MARCH 2016
REV: MARCH 2016
DWG NO.: SC7.3

8 CITY OF OTTAWA STANDARD TWSI DETAIL
L4 n.t.s.

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Client / Client

Rohit

key plan / plan repère

legend / légende

rev'n	description / la description	yyyy/mm/dd
08	re-IFC (planting at mech doghouse) redline SPA changes	2025/06/27
07	issue for construction	2025/06/02
06	revised in response to Consultant changes	2024/01/12
05	revised in response to City comments	2023/12/18
04	re-issue for SPA	2023/08/24
03	re-issue for SPA	2023/07/24
02	re-issue for SPA	2023/03/31
01	issue for SPA	2022/12/16

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north / le nord stamp / le cachet

ASSOCIATION OF LANDSCAPE ARCHITECTS OF ONTARIO
MEMBER

project / projet

3430 CARLING AVENUE

drawing / dessin

LANDSCAPE DETAILS

designed / conçu **BM / EM** drawn / dessiné **BM / EM** reviewed / examiné **DF**

date **Nov. 2022** project number / No. du projet

drawing number / No. du dessin

PLOT INFORMATION: DWG NAME: P:\PROJECTS\3430 Carling Avenue_Landscape\3430 Carling Avenue_Landscape.dwg PLOT DATE: 2025-08-27 11:52:37 AM SHEET SIZE: 50.0mm (2.0in) x 70.0mm (2.8in) PLOTTED BY: Barbara Mitchell LAST SAVED BY: barbara