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TREE CONSERVATION PLAN

1:250

NOTES:

- DO NOT SCALE DRAWINGS;
- NOTES ARE APPLICABLE TO ALL DRAWINGS IN THE SET;
- Fotenn Consultants Inc. IS NOT RESPONSIBLE FOR ACCURACY OF BASE INFORMATION;
- THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING SITE CONDITIONS AND REPORTING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT;
- THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING EXACT LOCATIONS OF ALL UNDERGROUND SERVICES AND OBTAINING CLEARANCE FROM ALL APPLICABLE UTILITIES;
- THIS PLAN IS TO BE READ IN CONJUNCTION WITH "TREE CONSERVATION REPORT FOR 155 IBER ROAD, OTTAWA" DATED JUNE 15, 2021 PREPARED BY IFS ASSOCIATES

| TABLE 1: TREE INVENTORY AND ASSESSMENT |   |           |                             |           |  |                     |                         |
|--|---|-----------|-----------------------------|-----------|--|---------------------|-------------------------|
| NO.                                    | SPECIES                                       | CONDITION | D.B.H. <sup>1</sup><br>(cm) | OWNERSHIP | TREE CONDITION   | STATUS <sup>2</sup> | CRZ <sup>3</sup><br>(m) |
| 1                                      | Colorado spruce<br>(Picea pungens)            | GOOD      | 15.0                        | NEIGHBOUR | Maturing; very good crown density, growth increment and needle colour; lower branches broken by snow piling; introduced species; <b>to be preserved and protected</b>  | To be retained      | 1.5                     |
| 2                                      | Little-leaf linden<br>(Tilia cordata)         | FAIR      | 20.6                        | NEIGHBOUR | Maturing; central dominant main stem for entire height; heavy basal sprouting; introduced species; <b>to be preserved and protected</b>  | To be retained      | 2.1                     |
| 3                                      | Norway maple<br>(Acer platanoides)            | GOOD      | 26.3                        | NEIGHBOUR | Mature; central dominant main stem with suppressed laterals starting at 1.5m from grade; broad dense crown; introduced invasive species; <b>to be preserved and protected</b>  | To be retained      | 2.6                     |
| 4                                      | Norway maple<br>(Acer platanoides)            | POOR      | 24.2                        | NEIGHBOUR | Mature; central stem with dominant lateral at 2m on northwest; eutypella canker (Eutypella parasitica) at 0.1-1m on west side of main stem; <b>to be preserved and protected</b>   | To be retained      | 2.4                     |
| 5                                      | Norway maple<br>(Acer platanoides)            | GOOD      | 27.5                        | NEIGHBOUR | Mature; central main stem with suppressed laterals starting at 1.5m from grade; broad dense crown; spiral seam at 0.1-1.4m on south side of main stem has healed; <b>to be preserved and protected</b>   | To be retained      | 2.8                     |
| 6                                      | Norway maple<br>(Acer platanoides)            | GOOD      | 28.2                        | NEIGHBOUR | Mature; central main stem with suppressed laterals starting at 1.5m from grade; broad dense crown; lower lateral on north side broken by snow plow; <b>to be preserved and protected</b>   | To be retained      | 2.8                     |
| 7                                      | Colorado spruce<br>(Picea pungens)            | GOOD      | 23.2                        | PRIVATE   | Mature; good crown density, growth increment and needle colour; restricted rooting area close to side of building; <b>to be removed</b> (conflicts with proposed new parking)  | REMOVE              | 2.3                     |
| 8                                      | Colorado spruce<br>(Picea pungens)            | GOOD      | 24.1                        | PRIVATE   | Mature; good crown density, growth increment and needle colour; restricted rooting area close to side of building; <b>to be removed</b> (conflicts with proposed new parking)  | REMOVE              | 2.4                     |
| 9                                      | Colorado spruce<br>(Picea pungens)            | GOOD      | 29.3                        | PRIVATE   | Mature; good crown density, growth increment and needle colour; moderately restricted rooting area close to corner of building; <b>to be removed</b> (conflicts with proposed new parking)   | REMOVE              | 2.9                     |
| 10                                     | Colorado spruce<br>(Picea pungens)            | GOOD      | 27.7                        | PRIVATE   | Mature; good crown density, growth increment and needle colour; restricted rooting area close to building – has been clearance pruned in past; <b>to be removed</b> (will not survive root loss associated with installation of new curb and concrete pad for bicycle parking) | REMOVE              | 2.8                     |
| 11                                     | Amur maple<br>(Acer tataricum subsp. ginnala) | POOR      | 15.3                        | PRIVATE   | Mature; 'standard' variety; crown form very divergent towards north due to influence of trees #12 and 13; suppressed growth; introduced invasive species; <b>to be removed</b> (conflicts with proposed new entranceway)   | REMOVE              | 1.5                     |
| 12                                     | Amur maple                                    | FAIR      | 17.6                        | PRIVATE   | Mature; 'standard' variety; crown form divergent towards southwest due to influence of trees #11 and 13; <b>to be removed</b> (conflicts with proposed new entranceway)  | REMOVE              | 1.8                     |
| 13                                     | Amur maple                                    | GOOD      | 20.2                        | PRIVATE   | Mature; 'standard' variety; crown form divergent towards east due to influence of trees #11 and 12; <b>to be removed</b> (misshapen form and having a negative influence on nearby trees)  | REMOVE              | 2.0                     |
| 14                                     | Colorado spruce<br>(Picea pungens)            | GOOD      | 26.7                        | PRIVATE   | Mature; good crown density, growth increment and needle colour; lower crown asymmetric due to intercompetition with trees #15 and 16; <b>to be preserved and protected</b>   | To be retained      | 2.7                     |
| 15                                     | Colorado spruce<br>(Picea pungens)            | GOOD      | 24.9                        | PRIVATE   | Mature; good crown density, growth increment and needle colour; lower crown asymmetric due to intercompetition with trees #14 and 16; <b>to be preserved and protected</b>   | To be retained      | 2.5                     |
| 16                                     | Colorado spruce<br>(Picea pungens)            | GOOD      | 25.2                        | PRIVATE   | Mature; good crown density, growth increment and needle colour; lower crown asymmetric due to intercompetition with trees #14 and 15; <b>to be preserved and protected</b>   | To be retained      | 2.5                     |
| 17                                     | Colorado spruce<br>(Picea pungens)            | VERY GOOD | 31.3                        | NEIGHBOUR | Mature; very good crown density, growth increment and needle colour; <b>to be preserved and protected</b>  | To be retained      | 3.1                     |
| 18                                     | Colorado spruce<br>(Picea pungens)            | GOOD      | 23.8                        | PRIVATE   | Mature; good crown density, growth increment and needle colour; lower crown asymmetric due to intercompetition with trees #19 and 20; <b>to be preserved and protected</b>   | To be retained      | 2.4                     |
| 19                                     | Colorado spruce<br>(Picea pungens)            | GOOD      | 25.1                        | PRIVATE   | Mature; good crown density, growth increment and needle colour; lower crown thin due to combined influence (shading) of trees #18, 20, 21 and 22; <b>to be preserved and protected</b>   | To be retained      | 2.5                     |
| 20                                     | Colorado spruce<br>(Picea pungens)            | GOOD      | 23.9                        | PRIVATE   | Mature; good crown density, growth increment and needle colour; lower crown thin due to combined influence of trees #18, 19 and 21; <b>to be preserved and protected</b>   | To be retained      | 2.4                     |
| 21                                     | Amur maple                                    | GOOD      | 27.3                        | PRIVATE   | Mature; 'standard' variety; generally upright form; crown asymmetric towards east; <b>to be preserved and protected</b>  | To be retained      | 2.7                     |
| 22                                     | Amur maple                                    | FAIR      | 23.1                        | PRIVATE   | Mature; 'standard' variety; crown divergent towards north; <b>to be preserved and protected</b>  | To be retained      | 2.3                     |
| 23                                     | Amur maple                                    | FAIR      | 22.1                        | PRIVATE   | Mature; 'standard' variety; crown divergent towards north; <b>to be preserved and protected</b>  | To be retained      | 2.2                     |
| 24                                     | Colorado spruce<br>(Picea pungens)            | VERY GOOD | 31.3                        | PRIVATE   | Mature; very good crown density, growth increment and needle colour; <b>to be preserved and protected</b>  | To be retained      | 3.1                     |
| 25                                     | Trembling aspen<br>(Populus tremuloides)      | FAIR      | 16.7, 21.1, & 21.2          | PRIVATE   | Maturing; group of three trees; 21.2cm stem with oozing wounds 2-4m from grade on north side; native species; <b>to be preserved and protected</b>   | To be retained      | 2.1                     |

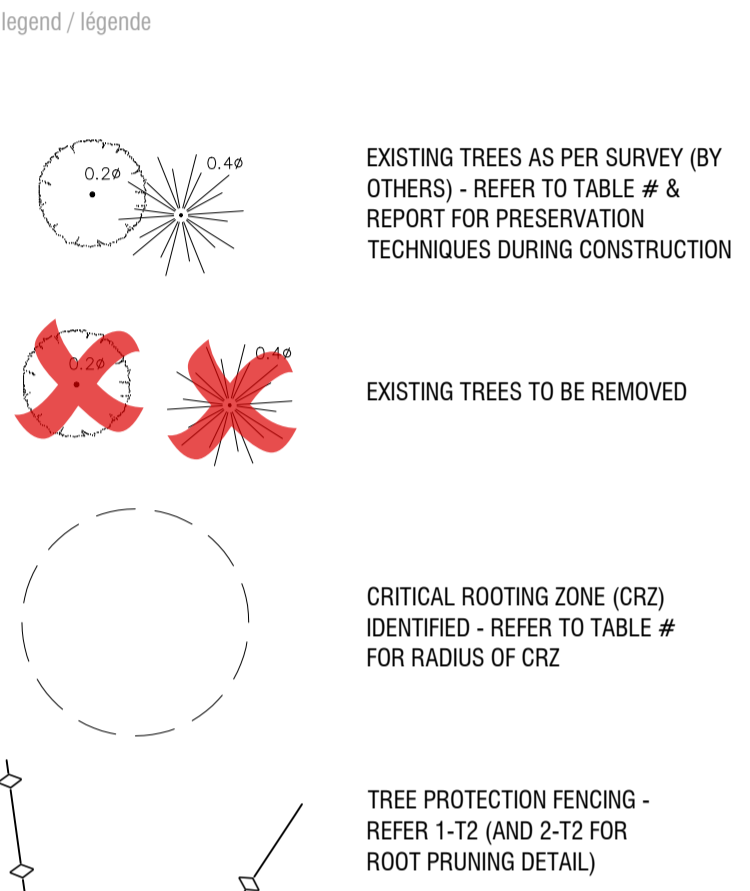
<sup>1</sup> D.B.H.: INDICATES DIAMETER (cm) MEASUREMENT AT BREAST HEIGHT (1.3m ABOVE GRADE);  
<sup>2</sup> TO BE RETAINED OR REMOVED  
<sup>3</sup> CRZ INDICATES RADIUS OF CRITICAL ROOTING ZONE AND IS ESTABLISHED AS BEING 10 CENTIMETERS FROM THE TRUNK OF A TREE FOR EVERY 1 CENTIMETER OF TRUNK DIAMETER AT BREAST HEIGHT (DBH). THE CRZ IS CALCULATED AS DBH x 10cm

REFER TO RECOMMENDATIONS IN REPORT PREPARED BY IFS ASSOCIATES FOR TECHNIQUES TO PRESERVE TREES.

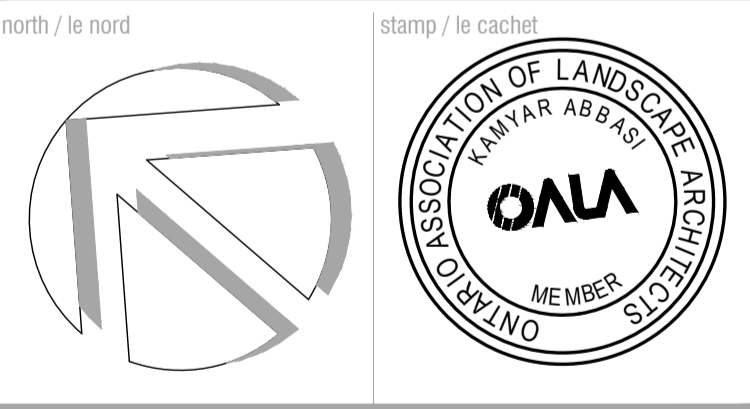
Power-Tek Group

155 Iber Road, Ottawa, ON K2S 1E7

key plan / plan repère



| 01  | issue for SPA                | 2021/07/15 |
|---|------------------------------|------------|
| 00  | issue for City submission    | 2021/06/18 |
| rev'n   | description / la description | yyyy/mm/dd |
| <b>FOTENN Planning + Design</b><br>396 Cooper Street, Suite 300<br>Ottawa, ON, CANADA K2P 2H7<br>613.730.5709<br>fotenn.com |                              |            |



project / projet

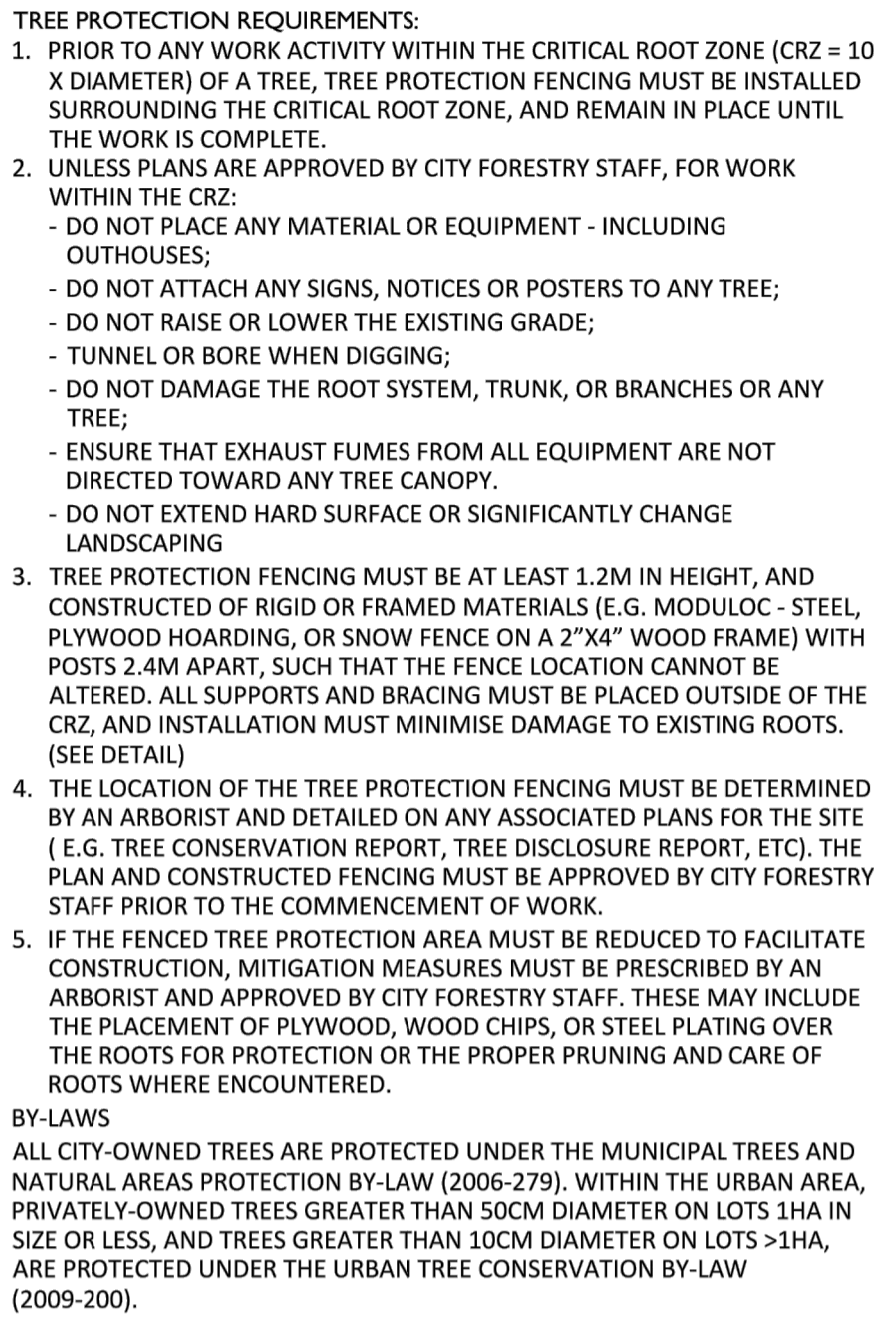
155 IBER ROAD

drawing / dessin

TREE CONSERVATION PLAN

|   |                                   |                                      |
|---|-----------------------------------|--------------------------------------|
| designed / conçu<br><b>XX / YY</b>                | drawn / dessiné<br><b>XX / YY</b> | reviewed / examiné<br><b>XX / YY</b> |
| date<br><b>mmmm yyyy</b>                          |                                   |                                      |
| project number / No. du projet<br><b>X ###-##</b> |                                   |                                      |

drawing number / No. du dessin



## 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

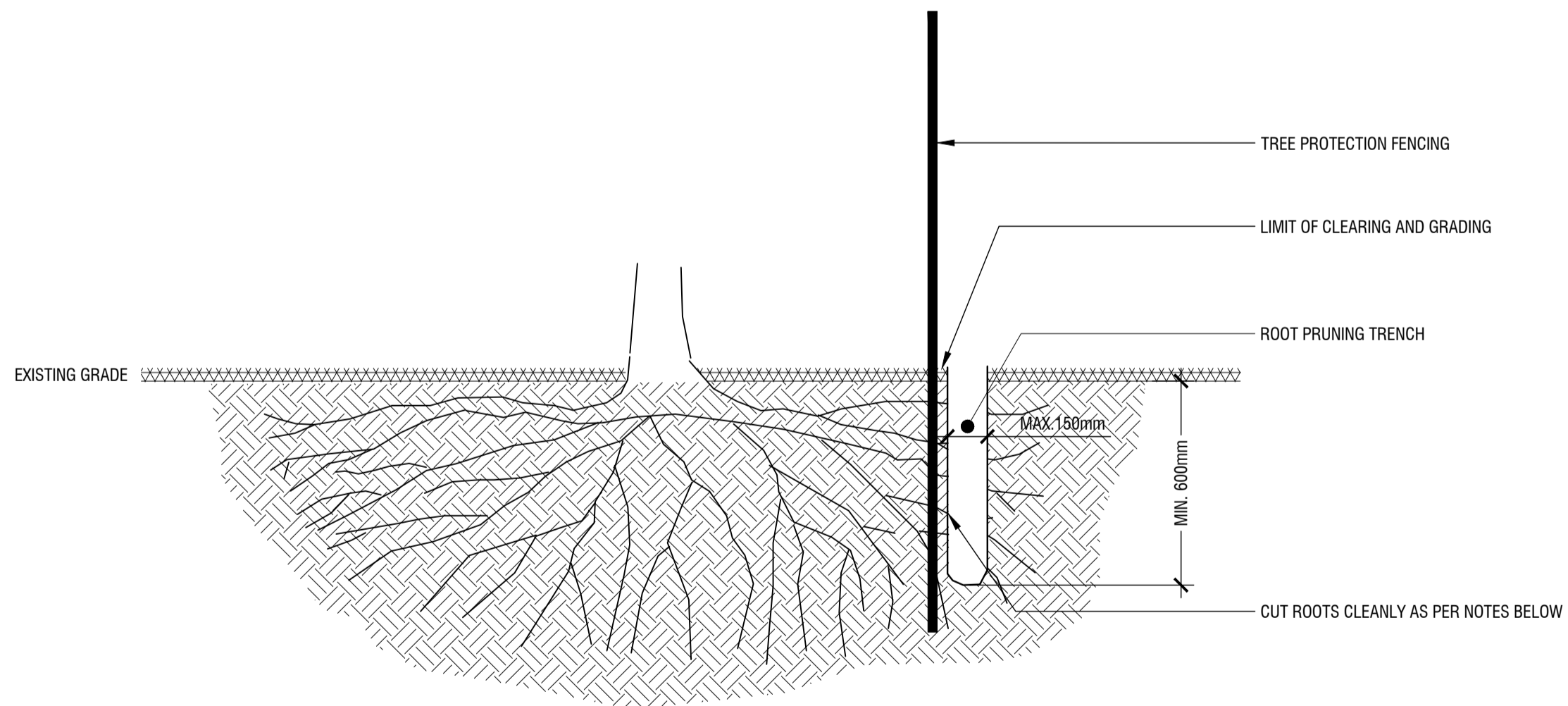
DATE: MAY 2019

DRAWING NO.: 1 of 1

## 1 TREE PROTECTION FENCING DETAIL

**n.t.s.**

**PRELIMINARY**  
**NOT FOR CONSTRUCTION**



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.

## ROOT PRUNING DETAIL

**n.t.s.**

## TREE CONSERVATION PLAN