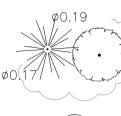
Client / Client

Morguard

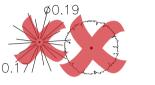
legend / légende



EXISTING TREES AND HEDGEROW TREE-LINE AS SURVEYED

EXISTING TREES NOT PICKED UP IN CRITICAL ROOTING ZONE (CRZ)
IDENTIFIED - REFER TO TABLE # FOR RADIUS OF CRZ

TREE PROTECTION FENCING -REFER 1-TC2



EXISTING TREES TO BE REMOVED

01 Revised per City comments 00 Issue for Phase 2 Pre-Consultation

IN ASSOCIATIO WITH:

APPAR



500 COVENTRY ROAD (LOT 1, REGISTERED PLAN 747, CITY OF OTTAWA)

TREE CONSERVATION PLAN -**EXISTING CONDITIONS**

project number / No. du projet

TC1 of 3

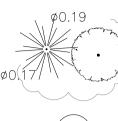
TREE CONSERVATION PLAN

1:400

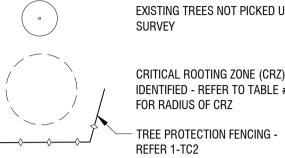
Client / Client

Morguard

legend / légende



EXISTING TREES AND HEDGEROW TREE-LINE AS SURVEYED



EXISTING TREES NOT PICKED UP IN

CRITICAL ROOTING ZONE (CRZ)
IDENTIFIED - REFER TO TABLE # FOR RADIUS OF CRZ



EXISTING TREES TO BE REMOVED

01 Revised per City comments 00 Issue for Phase 2 Pre-Consultation

IN ASSOCIATIO WITH:



stamp / le cachet north / le nord

500 COVENTRY ROAD (LOT 1, REGISTERED PLAN 747, CITY OF OTTAWA)

TREE CONSERVATION PLAN -PROPOSED DEVELOPMENT

SP / DF

project number / No. du projet

TREE CONSERVATION PLAN 1:400

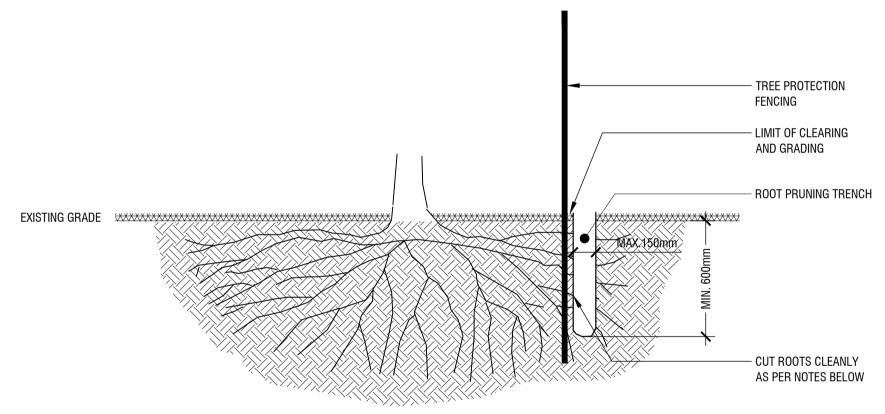
TO BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ON ADJACENT SITES, PRIOR

TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF WORK ACTIVITIES ON SITE.

DRAWING NO.: 1 of 1

1 CITY OF OTTAWA TREE PROTECTION DETAIL

TC2 n.t.s.



NOTES:

- PROPER ROOT PRUNING TECHNIQUE REQUIRED WHEN TREE ROOTS ENCOUNTERED DURING EXCAVATION.

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- 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 DESSICATION;
- 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

TC2 n.t.

CONSTRUCTION

TABLE 1: TREE INVENTORY AND ASSESSMENT TREE CONDITION, AGE CLASS, CONDITION NOTES & SPECIES ORIGIN³ / STATUS CRZ ⁵(m) **D.B.H.**¹ (cm) NO. OWNERSHIP² (TO BE PRESERVED AND PROTECTED OR REMOVED) Russian-olive 1.7 Avg. 17 avg. To be RETAINED Private Poor; mature; tri-dominant stems from grade, one stem has failed; introduced invasive species / to be preserved and protected (Elaeagnus angustifolia) Fair; mature; dominant stem with suppressed secondary stem on north; likely originated as coppice growth; native species / to be Basswood To be <u>RETAINED</u> 2.1 & 3.1 21 & 31 Shared (Tilia americana) preserved and protected Fair; very mature; single dominant stem; vine growth into lower crown; understory of buckthorn and Russian-olive; good crown Scots pine 54.0 5.4 Private To be <u>RETAINED</u> (Pinus sylvestris) density, annual increment and needle colour; introduced invasive species / to be preserved and protected Honey-locust (Gleditsia Fair; immature; suffering from growing stress due to very limited available rooting area; introduced species to Eastern Ontario / to be To be RETAINED 10.0 Private triacanthos) preserved and protected Honey-locust (Gleditsia Fair; immature; suffering from growing stress due to very limited available rooting area; introduced species to Eastern Ontario / to be 10.0 To be <u>RETAINED</u> Private 1.0 triacanthos) preserved and protected Fair; immature; suffering from growing stress due to very limited available rooting area; introduced species to Eastern Ontario / to be Honey-locust (Gleditsia 10.0 To be RETAINED 1.0 Private triacanthos) preserved and protected Fair; immature; suffering from growing stress due to very limited available rooting area; introduced species to Eastern Ontario / to be Honey-locust (Gleditsia 10.0 To be RETAINED 1.0 Private triacanthos) preserved and protected Honey-locust (Gleditsia Fair; maturing; suffering from growing stress due to moderately limited available rooting area; introduced species to Eastern Ontario 17.0 1.7 Private To be RETAINED / to be preserved and protected triacanthos) Fair; maturing; suffering from growing stress due to mildly limited available rooting area; crown asymmetric towards north; Honey-locust (Gleditsia 24.0 Private To be <u>RETAINED</u> 2.4 introduced species to Eastern Ontario / to be preserved and protected triacanthos) Little-leaf linden 34.0 Private Good; mature; tri-dominant stems at 3m - co- dominant and one suppressed; introduced species / to be preserved and protected To be <u>RETAINED</u> 3.4 (Tilia cordata) Fair: mature: central stem with suppressed laterals at 2m on south and 3m on southeast; salt spray injury to lower crown: Little-leaf linden 31.0 Private To be RETAINED 3.1 introduced species / to be preserved and protected (Tilia cordata) Little-leaf linden "Poor; immature; covered in heavy vine growth; 10.0 To be <u>RETAINED</u> 12 1.0 Private (Tilia cordata) introduced species / to be preserved and protected' Fair; mature; central dominant stem with suppressed laterals at 3.5m on north and south; salt spray injury to lower crown; Little-leaf linden 31.0 To be <u>RETAINED</u> 3.1 Private (Tilia cordata) introduced species / to be preserved and protected Fair; mature; central with suppressed laterals at 3m on south and 3.5m on north; salt spray injury to lower crown; introduced Little-leaf linden Private 29.0 To be RETAINED 2.9 (Tilia cordata) species / to be preserved and protected Scots pine "Good; maturing; generally upright form; co- dominant leaders at 2m – parallel; good crown density, annual increment and needle 20.0 15 To be <u>RETAINED</u> 2.0 Private colour; introduced invasive species / to be preserved and protected" (Pinus sylvestris) Scots pine Good; mature; central stem divergent towards northeast; suppressed, upswept lateral at 2m on south; good crown density, annual 26.0 Private To be <u>RETAINED</u> 2.6 (Pinus sylvestris) increment and needle colour; introduced invasive species / to be preserved and protected Fair; mature; central stem very divergent towards northeast; competing laterals at 2-2.5m on south and suppressed lateral at 1.25m Scots pine 26.0 Private to accomodate future 2.6 (Pinus sylvestris) on southeast; good crown density, annual increment and needle colour; introduced invasive species / to be preserved and protected park block servicing Good; maturing; co-dominant stems at 1.5m with suppressed lateral towards east; introduced species to Eastern Ontario / to be Honey-locust (Gleditsia 20.0 Private To be <u>RETAINED</u> 2.0 triacanthos) preserved and protected Honey-locust (Gleditsia Very good; maturing; central, dominant stem with competing leaders near apex; introduced species to Eastern Ontario / to be 18.0 Private To be <u>RETAINED</u> 1.8 triacanthos) preserved and protected Scots pine Good; mature; central stem with generally symmetric crown; good crown density, annual increment and needle colour; introduced To be RETAINED 20 26.0 Private 2.6 (Pinus sylvestris) invasive species / to be preserved and protected Scots pine Fair; mature; living crown held high due to vine growth and influence of Manitoba maple growth below; fair crown density, annual 20.0 Private To be <u>RETAINED</u> 2.0 (Pinus sylvestris) increment and needle colour; introduced invasive species / to be preserved and protected "Fair; mature; central stem with generally symmetric crown; good crown density, annual increment and needle colour; introduced 28.0 To be RETAINED Private (Pinus sylvestris) invasive species / to be preserved and protected" Good: mature: lower crown asymmetric due to nearby buckthorn growth; sweep in main stem at 7m; good crown density, annual Colorado spruce To be <u>RETAINED</u> (Picea pungens) increment and needle colour; introduced species / to be preserved and protected Colorado spruce Poor; mature; central stem with suppressed lateral at 2.5m; poor crown density, annual increment and needle colour; sweep in main 28.0 To be RETAINED 2.8 Private (Picea pungens) stem at 7m; introduced species / to be preserved and protected Fair: mature: central stem with sweep at 5m; lower crown asymmetric due to influence of nearby Scots pine and Manitoba maples: Colorado spruce 25 26.0 To be RETAINED Private 2.6 (Picea pungens) good crown density, annual increment and needle colour; introduced species / to be preserved and protected Manitoba maple Very poor; mature; four-stemmed at grade; growing through c/l fence; girdled at base; naturalized species; originated from seed / to To be RETAINED 1.5 Avg. 26 15 avg. Private (Acer negundo) be preserved and protected Scots pine Fair; mature; central stem with sweep at 4m; crown asymmetric towards west due to nearby Manitoba maple; fair crown density, 21.0 To be RETAINED Private 2.1 (Pinus sylvestris) annual increment and needle colour; introduced invasive species / to be preserved and protected White elm (Ulmus Poor; mature; co-dominant stems at 1.5m – likely topped in past; growing through c/l fence; native species; originated from seed / 15 avg. 1.5 Avg. Private To be <u>RETAINED</u> americana) to be preserved and protected Fair: mature: central dominant stem to top; fair crown density, annual increment and needle colour; introduced invasive species / to Scots pine To be RETAINED 29 24.0 Private 2.4 (Pinus sylvestris) be preserved and protected Scots pine Fair; mature; central stem with competing leaders at 4m; fair crown density, annual increment and needle colour; introduced 30 27.0 Private To be <u>RETAINED</u> 2.7 (Pinus sylvestris) invasive species / to be preserved and protected Manitoba maple Very poor; mature; broken at 6.5m – remaining crown dying back; suppressed lateral at 2m on east; naturalized species / to be 42.0 Private To be RETAINED 4.2 (Acer negundo) preserved and protected Scots pine Fair; mature; grouping of seven pines – 2 dead, 2 in good condition, 3 suppressed & divergent in form; introduced invasive species; **REMOVE DEAD TREES** 32 30 avg. Neighbour 3.0 Avg. (Pinus sylvestris) AND BUCKTHORN elm and buckthorn growing through c/l fence – originated from seed / to be preserved and protected Red oak Good; mature; grouping of four trees; native species; two elm growing through c/l fence - originated from seed / to be preserved 3.5 Avg. 33 35 avg. Neighbour To be RETAINED (Quercus rubra) and protected Fair; mature; upright form; fair crown density, annual increment and needle colour; introduced invasive species / to be preserved and Scots pine 28.0 Neighbour To be <u>RETAINED</u> 2.8 (Pinus sylvestris) Manitoba maple Private **REMOVE** (Acer negundo) Colorado spruce Fair; mature; crown completely asymmetric towards north due to previous nearby spruce which failed recently; fair crown density, 28.0 Neighbour REMOVE 2.8 (Picea pungens) annual increment and needle colour; introduced species / to be preserved and protected Colorado spruce Good; mature; upright form with generally symmetric crown; fair crown density, annual increment and needle colour; introduced 29.0 Neighbour REMOVE 2.9 (Picea pungens) species / to be preserved and protected Very poor; mature; in advanced decline - poor crown density, annual increment and needle colour; introduced species / to be Colorado spruce 19.0 Neighbour 1.9 **REMOVE** (Picea pungens) preserved and protected Fair; immature; suffering from growing stress due to very limited available rooting area; introduced species to Eastern Ontario / to be Honey-locust (Gleditsia 10.0 To be RETAINED 1.0 Private triacanthos) preserved and protected Fair; immature; suffering from growing stress due to very limited available rooting area; introduced species to Eastern Ontario / to be Honey-locust (Gleditsia 10.0 To be RETAINED 1.0 Private triacanthos) preserved and protected Honey-locust (Gleditsia Fair; immature; suffering from growing stress due to very limited available rooting area; introduced species to Eastern Ontario / to be 10.0 To be RETAINED Private 1.0 triacanthos) preserved and protected Fair; immature; suffering from growing stress due to very limited available rooting area; introduced species to Eastern Ontario / to be Honey-locust (Gleditsia 10.0 To be <u>RETAINED</u> Private 1.0 preserved and protected triacanthos) ¹ DIAMETER AT BREAST HEIGHT, OR 1.4m FROM GRADE (UNLESS OTHERWISE NOTED), AVERAGE DIAMETERS INDICATE INDIVIDUAL MULTI-STEMMED TREES OR AVERAGE DIAMETERS WITHIN TREE GROUPINGS; 2 AS DETERMINED FROM TOPOGRAPHIC SURVEY PREPARED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. IN MAY 2023;

⁻ AS DETERMINED FROM TOPOGRAPHIC SURVEY PREPARED BY ANNIS, O'SULLIVAN, V ³ ALL TREES PLANTED UNLESS OTHERWISE INDICATED;

⁴ TO BE RETAINED OR REMOVED
⁵ 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.

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legend / légende

Client / Client

01 Revised per City comments

00 Issue for Phase 2 Pre-Consultation

2023/12/22

rev'n description / la description

Planning
+ Design
396 Cooper Street, Suite 300
Ottawa, ON, CANADA K2P 2H7

IN ASSOCIATIO WITH:

ASSOCIATES

stamp / le cachet

stamp / le cachet

project / projet

north / le nord

500 COVENTRY ROAD
(LOT 1, REGISTERED PLAN 747, CITY OF OTTAWA)

drawing / dessin

TREE PROTECTION DETAILS

designed / conçu

DF / SP

SP / DF

date

drawn / dessiné

SP / DF

- /
project number / No. du projet

TC3 of 3