

CODE	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NATIVE	FORECASTED SPREAD AS per City of Ottawa Forestry	Canopy Cover Contribution/Tree In Square Metres
AC	0	Amelanchier canadensis	Tree Serviceberry	50mm cal	YES	3.0m	1.5m	7.0 sq. m.
AR	0	Acer rubrum	Red Maple	60mm cal	YES	10.0m	5.0m	78.5 sq. m.
AS	4	Acer saccharum	Sugar Maple	60mm cal	YES	14.0m	7.0m	154.0 sq. m.
AG	1	Aesculus glabra	Ohio Buckeye	50mm cal	YES	10.0m	5.0m	78.5 sq. m.
BP	6	Betula papyrifera	Paper Birch	50mm cal	YES	10.0m	5.0m	78.5 sq. m.
CB	2	Calla occidentalis	Common Hackberry	50mm cal	YES	14.0m	7.0m	154.0 sq. m.
CD	0	Geirgigo biloba Princeton Sentry	Princeton Sentry Ginkgo	60mm cal	YES	10.0m	5.0m	78.5 sq. m.
CC	0	Corymbodolus dioicos	Kentucky Coffee Tree	50mm cal	YES	14.0m	7.0m	154.0 sq. m.
QM	0	Quercus macrocarpa	Bur Oak	50mm cal	YES	14.0m	7.0m	154.0 sq. m.
QR	0	Quercus rubra	Red Oak	50mm cal	YES	14.0m	7.0m	154.0 sq. m.
TA	2	Tilia americana	Basswood	50mm cal	YES	14.0m	7.0m	154.0 sq. m.
TOTAL	35							
AB	1	Abies balsamea	Balsam Fir	1.5m HT.	YES	5.0m	2.5m	20.0 sq. m.
EV	3	Juniperus virginiana	Eastern Red Cedar	1.5m HT.	YES	3.0m	1.5m	7.0 sq. m.
LL	1	Larix laricina	Eastern Larch / Tamarack	1.5m HT.	YES	5.0m	2.5m	20.0 sq. m.
PI	1	Pinus strobus	White Pine	1.5m HT.	YES	10.0m	5.0m	78.5 sq. m.

Code	Qty.	Botanical Name	Common Name	Size	Condition	NATIVE
AC	TBD	Amelanchier canadensis	Serviceberry	60cm HT.	Pot	YES
AU	TBD	Arctostaphylos Uva Ursi	Bearberry	30cm spr	Pot	YES
CR	TBD	Cornus racemosa	Grey Dogwood	60cm HT.	Pot	YES
HK	TBD	Hypericum kalmianum	Kalm St. John's Wort	30cm HT.	Pot	YES
HK	TBD	Hypericum prolificum	Shrubby St. John's Wort	40cm HT.	Pot	YES
PF	TBD	Potentilla fruticosa 'Abbotswood'	Abbotswood Potentilla	30cm HT.	Pot	NO
RP	TBD	Rosa palustris	Swamp Rose	50cm HT.	Pot	YES
RT	TBD	Rhus typhina	Staghorn Sumac	30cm HT.	Pot	YES
SA	TBD	Symphoricarpos albus	Snowberry	50cm HT.	Pot	YES
SA	TBD	Spiraea alba	Meadowsweet	50cm HT.	Pot	YES
SB	TBD	Spiraea bumeloides 'Dart's Red'	Dart's Red Spirea	40cm HT.	Pot	NO
VB	TBD	Viburnum lentago	Nannyberry	60cm HT.	Pot	YES
ICM	TBD	Juniperus chinensis 'Ontario Green'	Ontario Green Juniper	30cm spr	Pot	NO
PM	TBD	Pinus mugo var. 'umilloo'	Mugho Pine	30cm spr	Pot	NO
TC	TBD	Taxus cuspidata 'Monloo'	Emerald Spreader Yew	30cm spr	Pot	NO
SC	TBD	Sambucus canadensis	Elderberry	50cm HT.	Pot	YES

Code	Qty.	Botanical Name	Common Name	Condition
GM	TBD	Geranium macrorrhizum	Bigroot Geranium	9cm Pot
GR	TBD	Geranium psilostemon 'Gerwat'	Rozanne Geranium	9cm Pot
PV	TBD	Panicum virgatum	Switch Grass	9cm Pot

TOTAL OF ABOVE SHRUBS 1250.

**TREE CANOPY CALCULATION AS PER EVOLVING CITY OF OTTAWA REQUIREMENTS:**

TOTAL SITE AREA: 12 210 SQ. M.

+ ADD ROW AREA TO CENTRELINE OF KLONDIKE / MARCH + 5 000 SQ. M.

TOTAL PRESUMED SITE AREA 17 210 SQ. M. (for canopy calculation)

CALCULATIONS FOR TREE CANOPY Proposed Trees (Areas of Polygons Hatched in Green, Excluding Overlap.) 250 + 200 + 700 + 1 200 + 1 200 = 3 550 SQ. M.

CANOPY COVER AS % OF SITE W/O PROTECTED AREA 3 550 / 17 210 = 20.62%

+ ADD PROTECTED AREA @ 1.5X EXISTING COVER 1.5 x 3 000 sq. m. = 4 500 sq. m.

TOTAL CANOPY COVER 8 050 sq. m.

CANOPY COVER AS % OF SITE WITH PROTECTED AREA 8 050 / 17 210 = 46.78%

\*\*\*\*\*ADDITIONAL LANDSCAPE PLAN NOTES\*\*\*\*\*

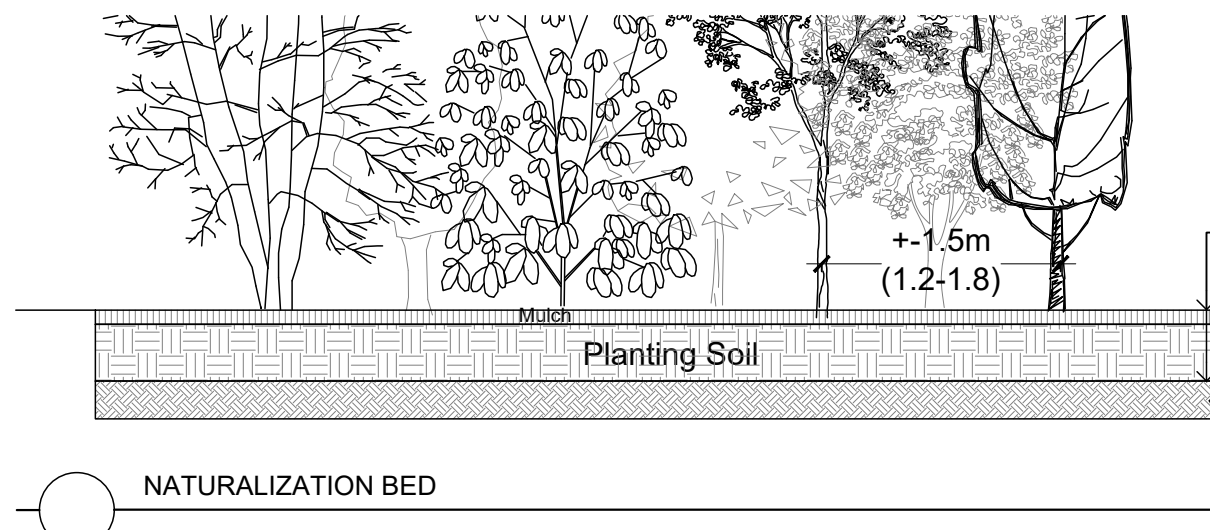
LANDSCAPING ON CITY OF OTTAWA PROPERTY TO BE TO CITY OF OTTAWA DETAILS / STANDARDS. ADHERE TO TREE PLANTING DETAIL L3. TREES ON CITY OF OTTAWA PROPERTY TO CARRY A 2 YEAR WARRANTY.

REFER TO SITE PLAN FOR LOCATIONS AND DIMENSIONS OF BUILDING, ROADS, PARKING, CURBS, SETBACKS, EASEMENTS, LEGAL DESCRIPTION ...

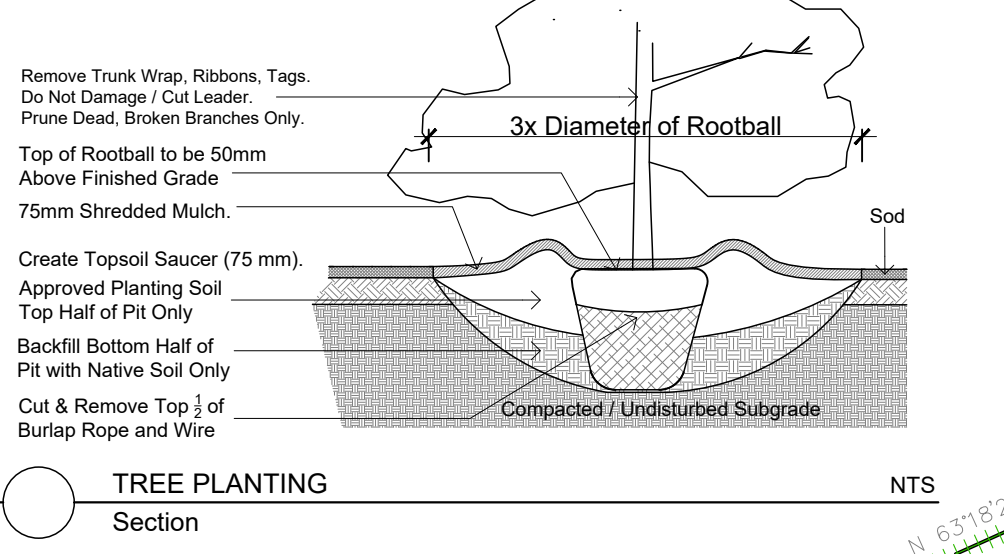
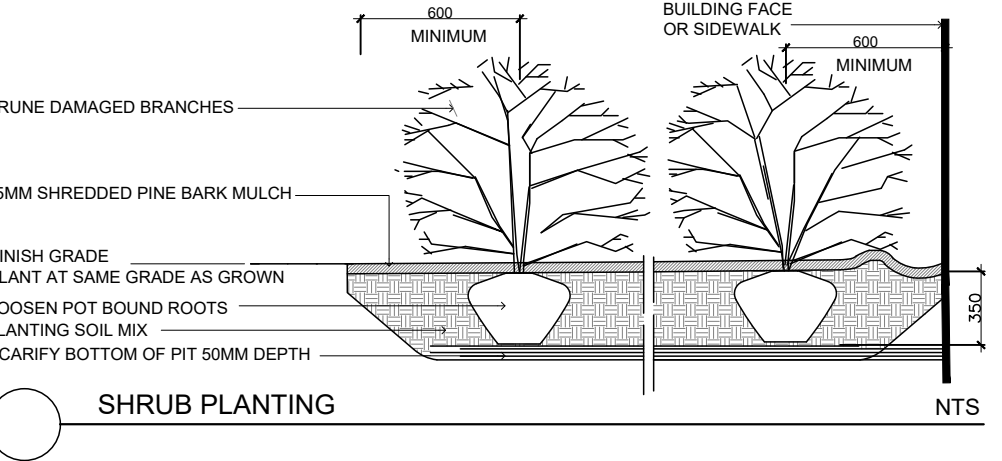
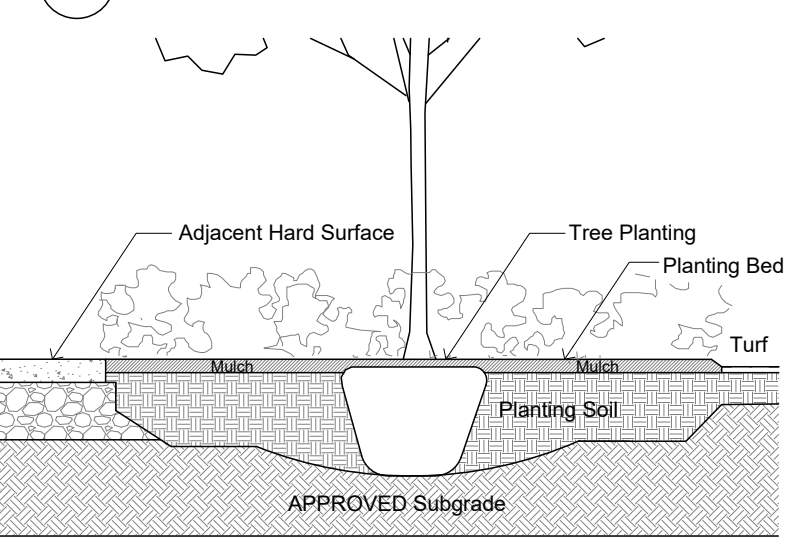
EXISTING AND PROPOSED SITE SERVICING IS SHOWN ON THE LANDSCAPE PLAN TO PROVIDE AN AWARENESS TO REVIEWERS AND CONTRACTORS OF THEIR INTENDED LOCATION AND SEPARATION OF TREES/SERVICES/PROPOSED LANDSCAPING. DETERMINE AS BUILT LOCATIONS OF SERVICES PRIOR TO PLANTING AND ADJUST ACCORDINGLY TO RESPECT REQUIRED SETBACKS

475 sq. m.	Botanical Name	Common Name	Size	Condition
15	Amelanchier canadensis	Serviceberry	1.0m HT	Pot
15	Acer pensylvanicum	Striped Maple	1.0m HT	Pot
10	Acer rubrum	Red Maple	1.0m HT	Pot
10	Acer saccharum	Sugar Maple	1.0m HT	Pot
10	Betula papyrifera	Paper Birch	1.0m HT	Pot
5	Carya ovata	Shagbark Hickory	1.0m HT	Pot
5	Carya cordiformis	Bitternut Hickory	1.0m HT	Pot
15	Calla occidentalis	Common Hackberry	1.0m HT	Pot
15	Cornus alternifolia	Pagoda Dogwood	1.0m HT	Pot
25	Cornus racemosa	Grey Dogwood	1.0m HT	Pot
15	Ostrya virginiana	Hophornbeam Ironwood	1.0m HT	Pot
15	Prunus pennsylvanica	Pink Cherry	1.0m HT	Pot
15	Prunus serotina	Black Cherry	1.0m HT	Pot
15	Quercus alba	White Oak	1.0m HT	Pot
15	Quercus bicolor	Swamp White Oak	1.0m HT	Pot
15	Quercus macrocarpa	Bur Oak	1.0m HT	Pot
15	Quercus rubra	Red Oak	1.0m HT	Pot
25	Viburnum lentago	Nannyberry	1.0m HT	Pot
255				
15	Abies balsamea	Balsam Fir	50cm HT.	Pot
5	Juniperus virginiana	Eastern Red Cedar	50cm HT.	Pot
15	Larix laricina	Eastern Larch / Tamarack	50cm HT.	Pot
5	Picea glauca	White Spruce	50cm HT.	Pot
5	Picea mariana	Black Spruce	50cm HT.	Pot
5	Pinus strobus	White Pine	50cm HT.	Pot
15	Tsuga canadensis	Canadian Hemlock	50cm HT.	Pot
50				
75	Rhus typhina	Staghorn Sumac	30cm HT.	Pot

Spacing to Vary 1.0 to 2.1m / 3' to 7' On Centre



Planting Bed c/w Biodegradable Weed Barrier.  
75 mm Mulch  
Weed Barrier Fabric  
350mm Planting Soil  
Modified/Scarified/Loosened Subgrade 200mm Depth

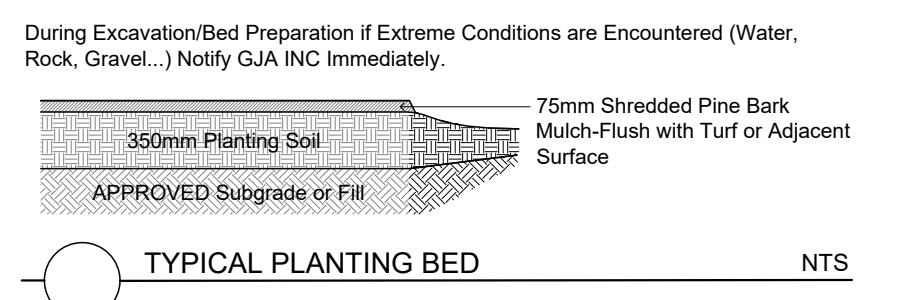


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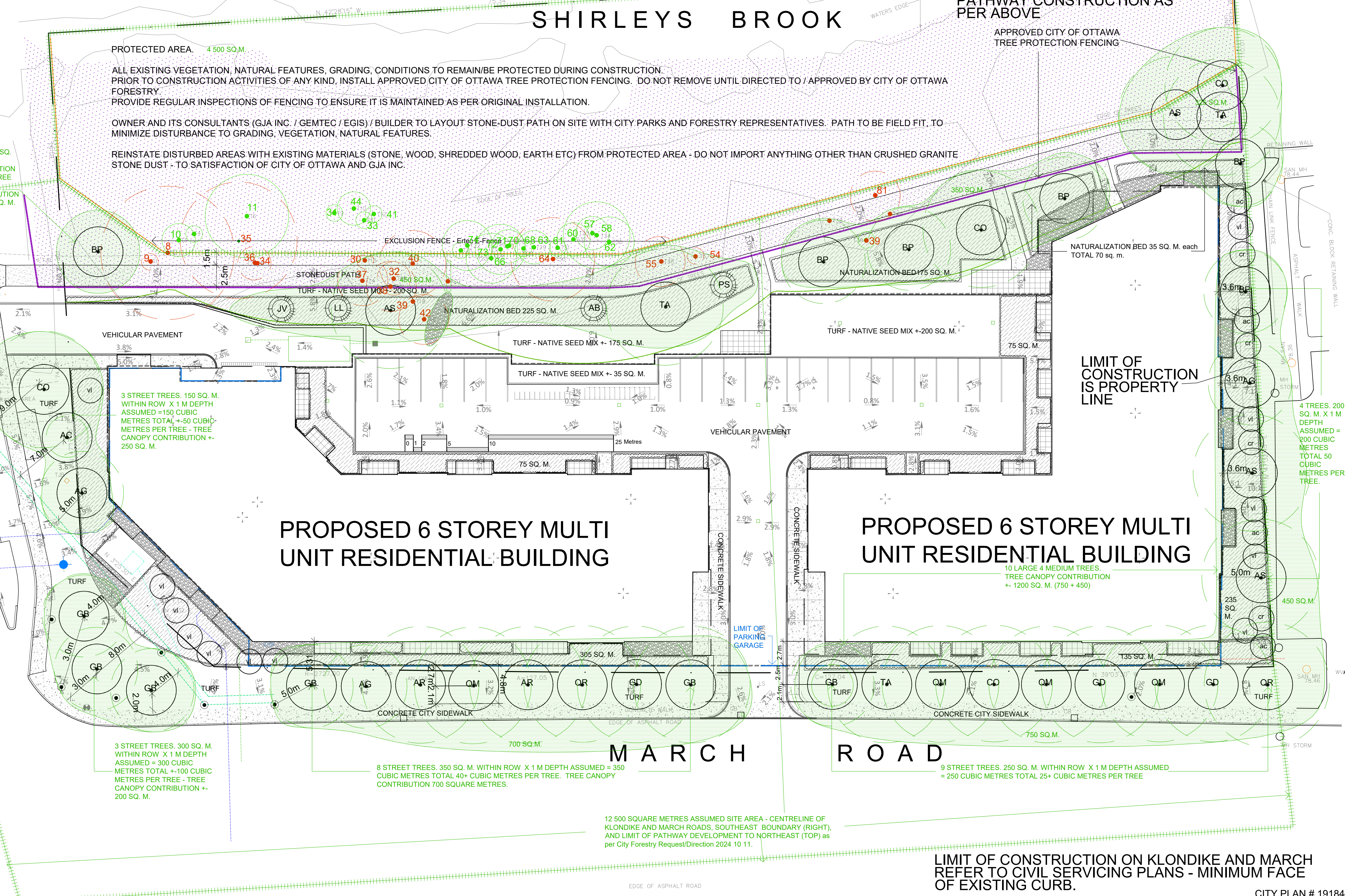
**NOT TO BE USED FOR CONSTRUCTION UNLESS INDICATED BY REVISION: "FOR LANDSCAPE CONSTRUCTION"**

Contractor is Responsible for Verification of Site Locations of all Utilities. Report any Discrepancies Between Site and Drawing Immediately to Gino J. Aiello. Do NOT Proceed Until Cleared.

TURF AREAS TO BE SOD CW 150MM DEPTH TOPSOIL ON APPROVED SUBGRADE | SOD TO BE #1 GRADE TURFGRASS NURSERY SOD per NSGA - Fine Fescue/Kentucky Bluegrass Sod | PLANTING MIX TO BE APPROVED BY LANDSCAPE ARCHITECT | PLANT MATERIAL TO MEET CNLA STANDARDS/BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING ALL MATERIALS & WORK TO BE MAINTAINED UNTIL FINAL ACCEPTANCE. (MOWING TURF, WEEDING BEDS, WATERING TURF & PLANTS) & INCLUDE 1 YEAR WARRANTY FROM DATE OF FINAL ACCEPTANCE | PROVIDE WATERING OF ALL PLANT MATERIAL AS REQUIRED FOR PROPER ESTABLISHMENT, UNTIL END OF WARRANTY PERIOD | REFER TO CIVIL ENGINEER'S DRAWING FOR ELEVATIONS / GRADING |

The Landscape Plan is to be read in conjunction with the grading, servicing, site and survey plan | Bare root material to be planted in season only | All plant material locations to be staked on site by the landscape contractor and checked by the landscape architect prior to planting | All trees to be preserved on or directly adjacent to the site will be protected | Plant material are to be installed a minimum of 3.0m away from any part of any hydro transformer, 3.0m corridor between a fire hydrant and the curb, a 2.5m radius beside or behind a fire hydrant, 2.0m from any servicing/utility line or structure |

REFER TO TCR BY GEMTEC



LANDSCAPE LEGEND

- Existing Tree to Remain
- Existing Tree to Remove
- Protection for Existing Trees
- Coniferous Tree
- Deciduous Tree
- Planting Bed
- Shrub Planting Bed
- Riverwash Stone On Filter Cloth
- Forecasted Tree Canopy Cover as per City Standards
- Concrete Monolithic Curb
- Concrete
- Stone Dust
- Patio Slabs
- Exclusion Fence
- E-Fence by Ertec
- Parking Garage Below
- Fire Hydrant
- FD Siamese Connection
- Light Standard
- Hydro/Utility Pole
- BELOW GRADE SERVICES REFER TO CIVIL/CUP
- WTR U/G Water Service
- STM U/G Storm Service
- SAN U/G Sanitary Service
- GAS U/G Gas Service
- BC U/G TelCo Service
- H U/G Hydro Service
- OHV O/H Hydro Service

#	Revision	Date
6	per City Forestry Comments	2024 10 17
5	per CIV Forestry Comments	2024 10 15
4	per CIV Forestry Comments	2024 09 25
3	3RD SUBMISSION SPC	2024 06 19
2	2ND SUBMISSION SPC	2024 03 19
1	1ST SUBMISSION SPC	2023 11 17
0	REVIEW/COORDINATION	2023 09 29

**SINA**

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**PROPOSED 6 STOREY RESIDENTIAL BUILDING**

788 MARCH ROAD KANATA

**Landscape Plan**

**L1**

Scale: 1:250

CITY PLAN # 19184

D07-12-24-0015