

- LEGEND**
- PROPOSED PAVERS
  - RIVER STONE
  - SOD
  - PERENNIALS
  - SEDUM MATS
  - PROPOSED DECIDUOUS TREE
  - EXISTING TREE TO REMAIN
  - PROPOSED SHRUBS
  - SPECIES (SEE PLANT LIST)
  - QUANTITY
  - WOOD PRIVACY FENCE 1.8m HT
- GENERAL**
- Read and interpret this drawing/ drawing set in conjunction with all the contract details and specifications, including related civil, utility, structural, architectural, mechanical, electrical, environmental, geotechnical, and survey information.
  - The Contractor is to determine the exact location, size, material, and elevation of all existing utilities prior to commencing construction. Protect and assume responsibility for all existing utilities regardless of being shown on the drawings.
  - It is essential to use the plans and details in conjunction with the specifications and notes.
  - Do not scale drawings. Work to dimensions only.
  - Protect all existing and retained vegetation for the duration of construction according to the contract details and specifications.
  - Reinstate all areas and items damaged or disturbed, beyond the Limit of Work, because of construction activities, including but not limited to construction staging areas, haul roads, stockpile areas, etc. to the satisfaction of the Consultant. Unless otherwise noted, Contractor is to reinstate all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.
- PLANTING**
- Plant material to be No. 1 Grade and is to comply with Canadian Standards for Nursery Stock (latest edition) published by the Canadian Nursery Landscape Association.
  - Use structurally sound plant material with strong fibrous root system free of disease, defects, and injuries. Use trees with straight trunks, well and characteristically branched for species. Obtain approval from consultant of plant material at source prior to digging. All trees and shrubs to be container grown, potted, W/B or B/B, as indicated on Plant List. Bare root plants are only acceptable for certain species and as approved by the Landscape Architect.
  - Plant material substitutions are not permitted without the written approval from the Consultant, **with 48 hours notice**, prior to shipping plant material.
  - Plant locations are schematic / approximate only. **Contractor is to stake out locations on site for approval by the Landscape Architect prior to installation.**
  - The illustrated number of plants shown in the Planting Plan supersedes the estimated number in the Plant List. Contractor to report any discrepancies to the Landscape Architect prior to installation. Contractor will assume full responsibility if the Landscape Architect is not notified.
  - Ensure trees are thoroughly watered following planting. Monitor material and ensure adequate moisture until acceptance.
  - In heavy clay or poorly drained soils, set root ball with root collar 75-100mm higher than finished grade.
  - Approved topsoil depths are as follows:
    - Plant Beds - **450mm** continuous depth. Applies to shrubs, perennials, vines, and groundcovers.
    - Sod/ Seed Areas - **100mm** depth.
    - Reforestation - **300mm** depth.
  - Sod to be No. 1 Kentucky Bluegrass Sod grown from minimum mixture of 3 Kentucky Bluegrass cultivars. Quality and source are to comply with Canadian Standards for Nursery Stock, Section 17, (latest edition) published by the Canadian Nursery Landscape Nursery Landscape Association.
  - Install a 1.2m sod strip adjacent to all hard surfaces. Note, sod is not typically graphically shown on plans.
  - Apply the following mineral fertilizer unless soil tests show other requirements:
    - Plant Beds - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash per manufacturer specifications.
    - Sod Areas - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash at a rate of 350kg/ha.
  - Where applicable, for any plant areas with a mix of species/ cultivars notes, Contractor is to cluster like plants in groups of 3-5 and evenly distribute these in the noted area.

120202 - Plant List - L1					
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COND SPACING
<b>Deciduous Trees</b>					
AFAB	3	<i>Acer x freemanii 'Firedale'</i>	Firedale Maple	50mm Cal	WB As Shown
AXB	3	<i>Amelanchier x grandiflora 'Ballerina'</i>	Ballerina Serviceberry	50mm Cal	WB As Shown
CO	3	<i>Celtis occidentalis</i>	Hackberry	50mm Cal	WB As Shown
CGZ	2	<i>Crataegus crus-galli 'Cruzam'</i>	Crusader Hawthorn	50mm Cal	WB As Shown
CLC	1	<i>Crataegus laevigata 'Crimson Cloud'</i>	Crimson Cloud English Hawthorn	50mm Cal	WB As Shown
GTD	1	<i>Gleditsia triacanthos 'Draves'</i>	Street Keeper Locust	50mm Cal	WB As Shown
QM	4	<i>Quercus macrocarpa</i>	Bur Oak	50mm Cal	WB As Shown
<b>Deciduous Shrubs</b>					
Pib	50	<i>Potentilla fruticosa 'Bella Sol'</i>	Bella Sol Potentilla	40cm Ht	PT As Shown
Rag	22	<i>Rhus aromatica 'Gro-Low'</i>	Gro-Low Fragrant Sumac	60cm Ht	PT As Shown
Rer	61	<i>Rosa Easy Elegance 'BAI rage'</i>	Easy Elegance All The Rage	60cm Ht	PT As Shown
<b>Perennials</b>					
hbz	57	<i>Hemerocallis 'Bonanza'</i>	Bonanza Daylily	1g	PT 45cm O.C
lfp	38	<i>Liatris spicata 'Florian Purple'</i>	Florian Gayfeather	1g	PT 45cm O.C

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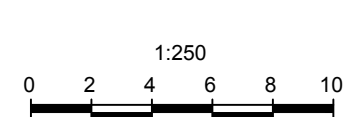
Owner:  
Wesley Clover International  
c/o Richard Goldstein  
KRP Properties  
300-555 Legget Drive, Tower B,  
Kanata, ON K2V 2V3  
Phone: (613)591-0594

NOT FOR  
CONSTRUCTION

No.	REVISION	DATE	BY
2.	ISSUED FOR SITE PLAN APPROVAL	OCT 1/21	RGJ
1.	ISSUED FOR COORDINATION	AUG 31/21	RGJ

SCALE

1:250



DESIGN

RGJ

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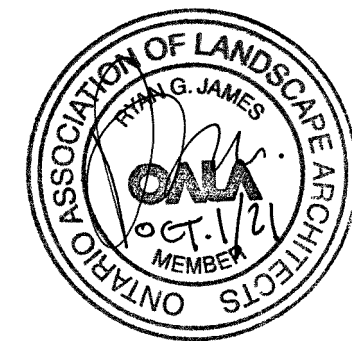
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APPROVED

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Ottawa, Ontario, Canada K2M 1P6  
Telephone (613) 254-9643  
Facsimile (613) 254-5867  
Website www.novatech-eng.com

LOCATION  
CITY OF OTTAWA  
BROOKSTREET APARTMENTS

DRAWING NAME

LANDSCAPE PLAN

PROJECT NO.

120202-00

REV

REV # 2

DRAWING NO.

120202-L1



FOR CONTINUATION SEE L1

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REV

REV # 2

DRAWING No.

120202-L2

NORTH

KEY PLAN  
N.T.S.

ch. March Rd.

prom. Legget Dr.

prom. Terry Fox Dr.

SITE

ch. Solandt Rd.

LEGEND

- PROPOSED PAVERS
- RIVER STONE
- SOD
- PERENNIALS
- SEDUM MATS
- PROPOSED DECIDUOUS TREE
- EXISTING TREE TO REMAIN
- PROPOSED SHRUBS
- SPECIES (SEE PLANT LIST)
- KEY ## QUANTITY
- WOOD PRIVACY FENCE 1.8m HT
- PROPOSED HOSE BIB

PRODUCT INFORMATION

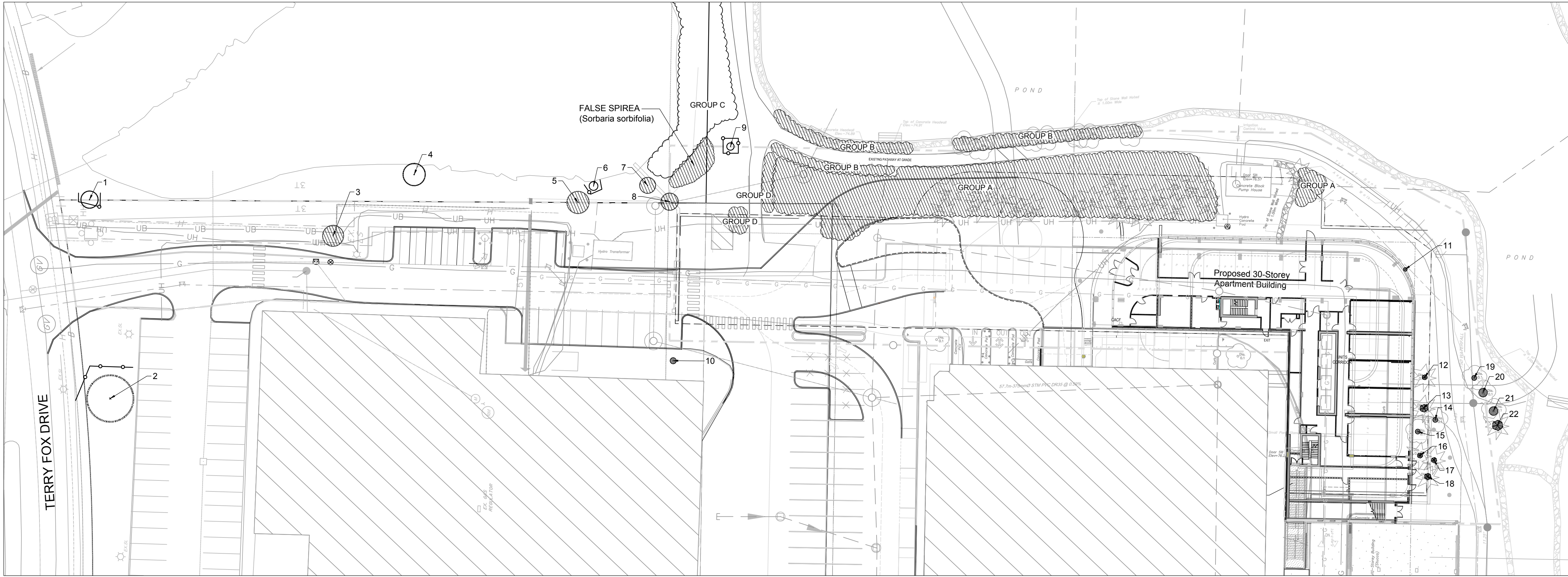
Install products as per manufacturer specifications. Shop drawings required.

SEDUM MATS  
Bulletproof Mix by Sedum Master  
Location: Driveway Entrance to Apartment Building  
and Garage Entrance  
Size: 183.5m<sup>2</sup>

120202 - Plant List - L2

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COND	SPACING
<b>Deciduous Trees</b>						
ARB	3	<i>Acer rubrum</i> 'Bowhall'	Bowhall Red Maple	50mm Cal	WB	As Shown
AFAB	1	<i>Acer x freemanii</i> 'Firefall'	Firefall Maple	50mm Cal	WB	As Shown
ACB	3	<i>Aesculus x carnea</i> 'Briotii'	Ruby-Red Horse Chestnut	45mm Cal	PT	As Shown
BNR	5	<i>Betula nigra</i> 'Riversii'	River Birch - Clump form 3-4 stem	50mm Cal	WB	As Shown
GBM	1	<i>Ginkgo biloba</i> 'Magyar'	Magyar Ginkgo	50mm Cal	WB	As Shown
<b>Deciduous Shrubs</b>						
Axl	108	<i>Aronia x Low Scape Mound</i> (UCONNAM165)	Low Scape Mound Chokeberry	50cm HT	PT	As Shown
Hpb	47	<i>Hydrangea paniculata</i> 'Bomshell'	Bomshell Hydrangea	50cm HT	PT	As Shown
Hli	82	<i>Hydrangea paniculata</i> 'Little Lime' 'Jane'	Little Lime Hydrangea	2g	PT	As Shown
Hlf	57	<i>Hydrangea paniculata</i> 'SMHPLQF'	Little Quick Fire Hydrangea	1g	PT	As Shown
Pcg	8	<i>Physocarpus opulifolius</i> 'Centre Glow'	Centre Glow Ninebark	60cm HT	PT	As Shown
Rag	40	<i>Rhus aromatica</i> 'Gro-Low'	Gro-Low Fragrant Sumac	3g	PT	As Shown
Sss	40	<i>Sorbaria sorbifolia</i> 'Sem'	Sem False Spirea	3g	PT	As Shown
Sgf	151	<i>Spiraea japonica</i> 'Goldflame'	Goldflame Spirea	2g	PT	As Shown
Smp	60	<i>Syringa meyeri</i> 'Palibin'	Dwarf Korean Lilac	2g	PT	As Shown
<b>Perennials</b>						
spb	56	<i>Euphorbia polychroma</i> 'Bonfire'	Bonfire Cushion Spurge	1g	PT	50cm O.C.
hbz	85	<i>Heimerocallis</i> 'Bonanza'	Bonanza Daylily	1g	PT	45cm O.C.
llp	56	<i>Liatris spicata</i> 'Floristan Purple'	Floristan Gayfeather	1g	PT	45cm O.C.
<b>Ornamental Grasses</b>						
ckf	189	<i>Calamagrostis acutiflora</i> 'Karl Foerster'	Karl Foerster Feather Reed Grass	1g	PT	50cm O.C.
db	344	<i>Deschampsia cespitosa</i> 'Bronzeschleier'	Bronze Veil Tufted Hair Grass	1g	PT	50cm O.C.





LEGEND

- EXISTING TREE TO REMAIN, SYMBOL SIZE REFLECTS CRZ
- EXISTING TREE TO REMOVE, SYMBOL SIZE REFLECTS CRZ
- EXISTING TREE GROUP TO BE REMOVED
- TREE PROTECTION FENCE

TREE PROTECTION

Implement the following protection measures for retained trees, both on site and on adjacent sites, prior to any work activity, including tree removal. Maintain tree protection fence in place and in good condition for the duration of site works:

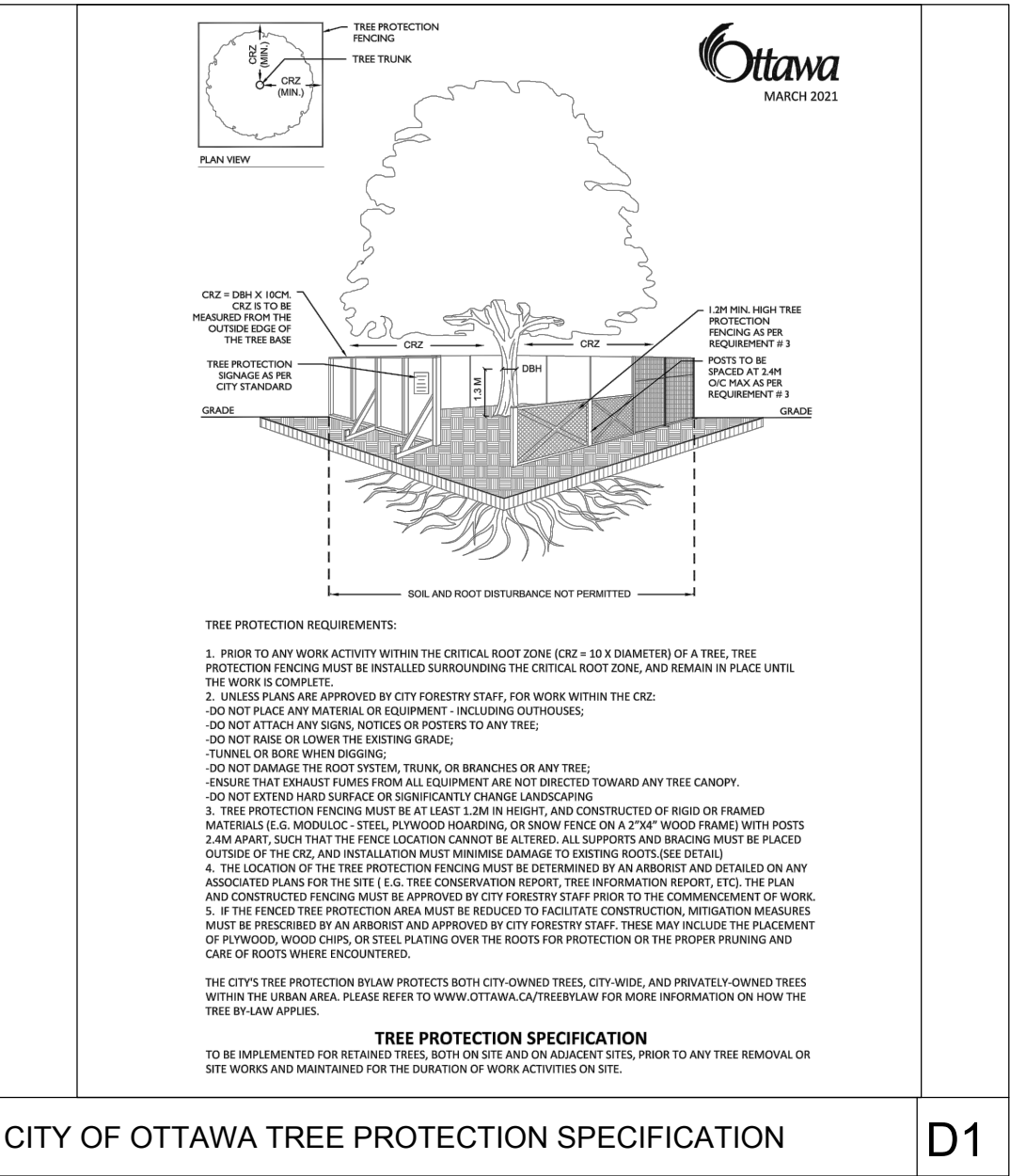
- The Landscape Architect or Certified Arborist is to determine the location of the tree protection fencing and detail it on any associated plans for the site (e.g. tree conservation report, tree disclosure report, etc.).
- Under the guidance of a Landscape Architect or Certified Arborist, erect a fence at the critical root zone (CRZ) of trees. Diameter at breast height (DBH) is the trunk diameter measured at 1.3m height on the tree trunk. The CRZ is calculated as DBH x 10. Refer to the Tree Protection Fence detail.
- Refer to the Tree Protection Plan for fence location. City Forestry Staff are to approve both the plan and the installed fence prior to work commencement.
- Do not place any material or equipment within 2m of the CRZ of any tree, including outhouses.
- Do not attach any signs, notices, or posters to any tree.
- Do not disturb, raise, or lower the existing grade within the CRZ without approval.
- Only tunnel or bore when digging within the CRZ of a tree. Hand work only where required within the CRZ; absolutely no machinery permitted.
- Do not damage the root system, trunk, or branches, or any tree.
- Do not extend hard surface or significantly change landscaping.
- Ensure that exhaust fumes from all equipment are directed away from any tree canopy.
- When trees marked for removal overlap with the CRZ of trees marked for preservation: cut roots at the edge of the CRZ and grind down stumps after tree removals, do not pull out stumps. Ensure there is no root pulling or disturbance of the ground within the CRZ.
- Prior to work taking place, notify and consult the Landscape Architect and City Forestry Staff if roots must be cut. Roots 20mm or larger should be cut at right angles with clean, sharp horticultural tools without tearing, crushing, or pulling. Refer to City of Ottawa Specification S.P. F-8011 Tree Protection, Excavation of Root Zone.
- If damaged or objectionable branches are observed, consult the Landscape Architect, before any work is conducted. Do not prune leaders. Do not prune more than 1/4 of crown.
- Set up a water and fertilizing program, if trees are being affected by site works, to the satisfaction of the Landscape Architect.
- The Landscape Architect is to prescribe mitigation measures if the protected fenced area must be reduced to facilitate construction. Measures may include the placement of plywood, wood chips, or steel plating over the roots for protection. City Forestry Staff are to approve said measures prior to fence movement.
- City of Ottawa By-law: Protects municipal trees and municipal natural areas in the City of Ottawa and trees on private property in the urban area of the City of Ottawa (2020-340).

EXISTING SINGLE TREE INVENTORY:

No.	Botanical Name	Common Name	DBH (cm)	CRZ (m)	Condition	Remarks	Recomm.
1	Acer x freemanii	Freeman Maple	14	1.40	G	Lean	PROTECT
2	Quercus rubra	Red Oak	38	3.80	G	Spiral seam	PROTECT
3	Amelanchier sp.	Serviceberry	17	1.70	P	Dieback	Remove
4	Acer ginnala	Amur Maple	18	1.80	G		PROTECT
5	Amelanchier sp.	Serviceberry	18	1.80	P	Severe dieback / Internal rot	Remove
6	Acer ginnala	Amur Maple	7	0.70	G		PROTECT
7	Amelanchier sp.	Serviceberry	13	1.30	P	Severe dieback / Internal rot	Remove
8	Amelanchier sp.	Serviceberry	14	1.40	P	Severe dieback / Internal rot	Remove
9	Acer rubrum	Red Maple	6	0.60	G		PROTECT
10	Gleditsia triacanthos var. inermis	Thornless Honey Locust	5	0.50	G		Conflict
11	Acer x freemanii	Freeman Maple	3	0.30	G		Conflict
12	Picea glauca	White Spruce	4	0.40	F	Low vigour / Double leader	Conflict
13	Pinus strobus	White Pine	6	0.60	G		Conflict
14	Amelanchier sp.	Serviceberry	4	0.40	P	Severe dieback	Conflict
15	Acer x freemanii	Freeman Maple	4	0.40	G	Mechanical damage at base (String trimmer)	Conflict
16	Pinus strobus	White Pine	4	0.40	G		Conflict
17	Picea glauca	White Spruce	4	0.40	F	Thin canopy / Low vigour	Conflict
18	Picea glauca	White Spruce	5	0.50	G		Conflict
19	Quercus rubra	Red Oak	4	0.40	G		Conflict
20	Quercus rubra	Red Oak	7	0.70	F	Large wound at base / Thin canopy	Conflict
21	Acer rubrum	Red Maple	7	0.70	G	Small wounds healing over	Conflict
22	Picea glauca	White Spruce	8	0.80	G		Conflict

EXISTING TREE GROUP INVENTORY:

Key	Botanical Name	Common Name	% Compos.	DBH Min-Max	Remarks	Recomm.
<b>Group A</b>						
A	Larix laricina	Tamarack	40%	15-20cm		Conflict
A	Picea glauca	White Spruce	20%	5-25cm		Conflict
A	Picea pungens var. glauca	Colorado Spruce	20%	15-25cm		Conflict
A	Pinus nigra	Austrian Pine	20%	5-15cm		Conflict
<b>Group B</b>						
B	Fraxinus americanus	White Ash	85%	5-15cm		Conflict
B	Malus sp.	Crabapple	5%	10cm		Conflict
B	Salix sp.	Willow	10%	8cm		Conflict
<b>Group C</b>						
C	Fraxinus americanus	White Ash	30%	5-25cm	Mostly dead standing	PROTECT
C	Acer negundo	Manitoba Maple	40%	5-25cm		PROTECT
C	Malus sp.	Crabapple	10%	15-20cm		PROTECT
C	Rhamnus cathartica	European Buckthorn	20%	3-8cm	Invasive	Remove
<b>Group D</b>						
D	Syringa vulgaris	Common Lilac	100%	5cm		Conflict

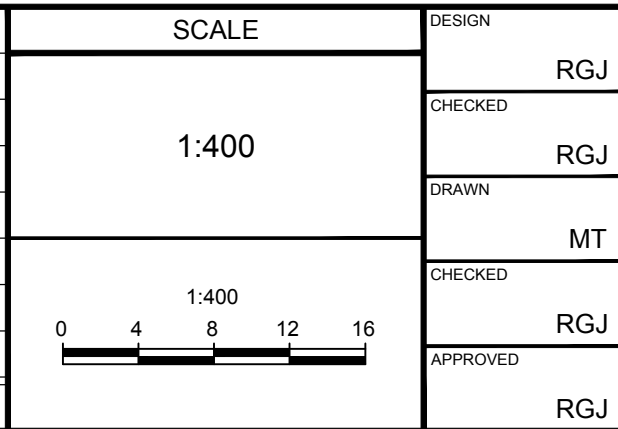


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PRELIMINARY

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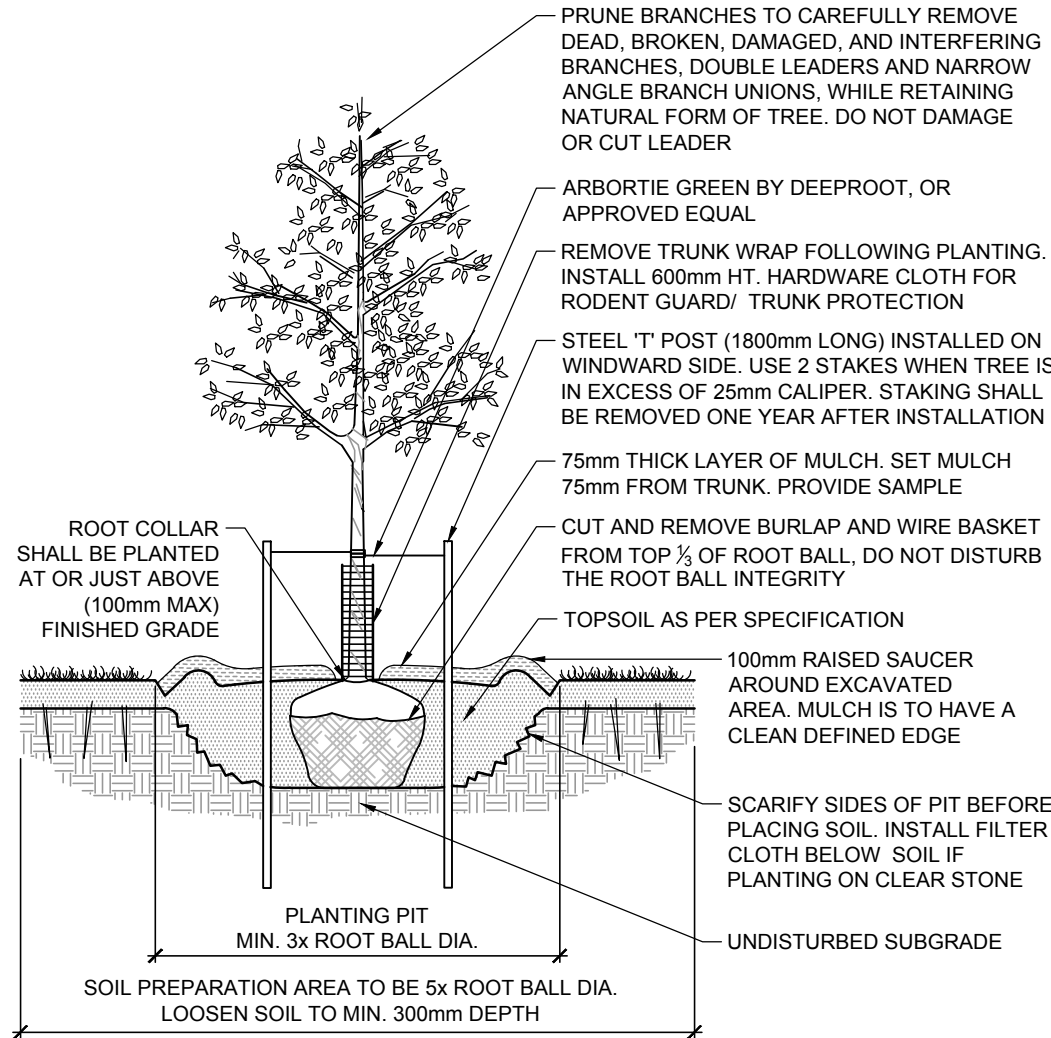


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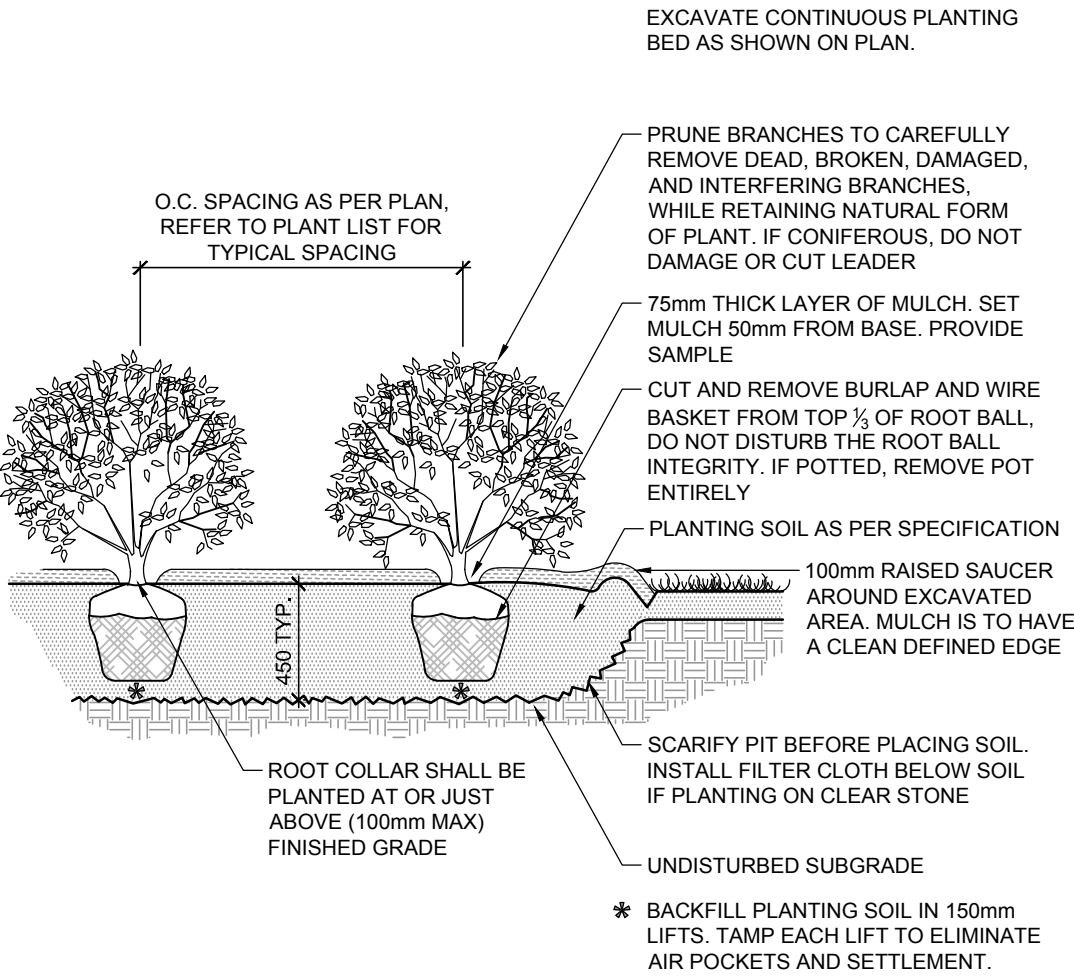
LOCATION CITY OF OTTAWA BROOKSTREET APARTMENTS	PROJECT NO. 120202-00
DRAWING NAME TREE CONSERVATION REPORT	REV REV # 1
	DRAWING NO. 120202-L3





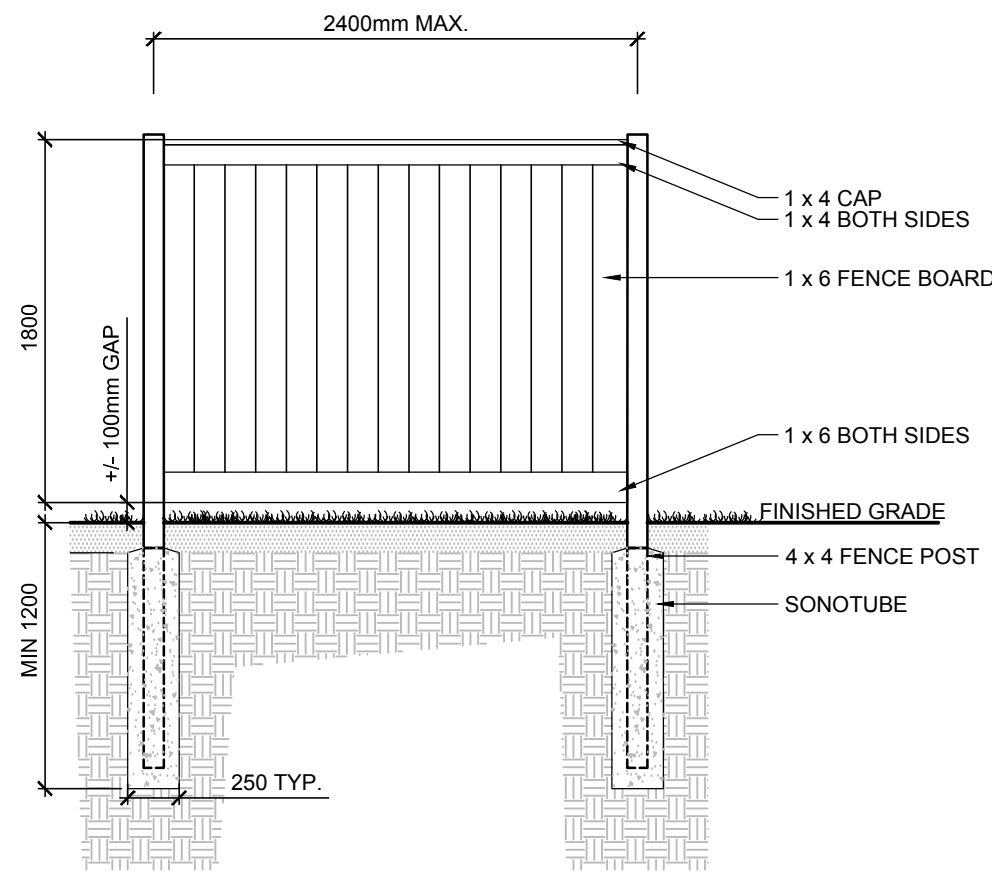
STANDARD DECIDUOUS TREE PLANTING

D2



SHRUB AND PERENNIAL PLANTING

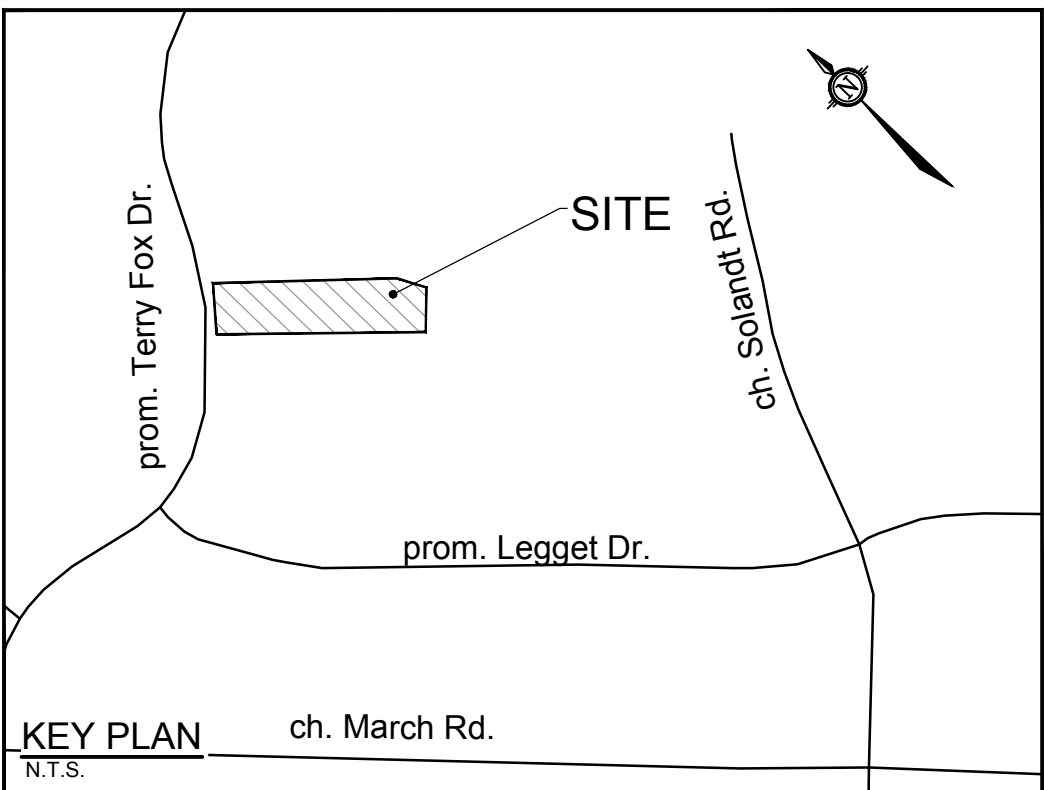
D3



- NOTE:
1. ALL WOOD TO BE WESTERN RED CEDAR.
  2. FASTEN WOOD MEMBERS WITH GALVANIZED SCREWS.
  3. ALL CONCRETE TO BE C1 EXPOSURE, 35MPa @28 DAYS, INCLUDING 5-8% AIR ENTRAINMENT.

WOOD SCREEN DETAIL

D4



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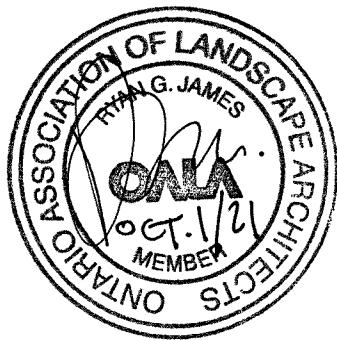
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