

EXISTING CANOPY CALCULATIONS:

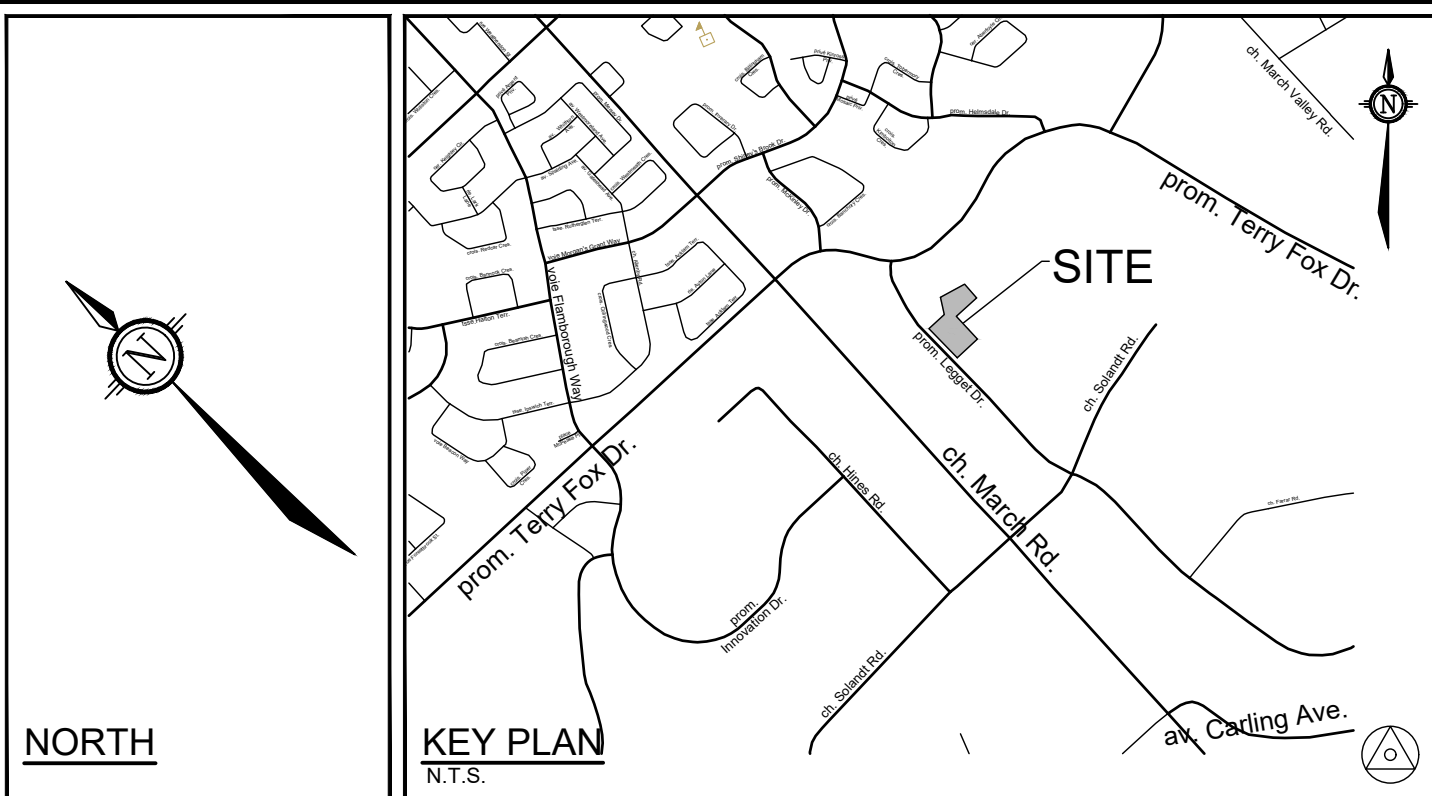
EXISTING TREES - CANOPY COVERAGE as surveyed in year 2024				
EXISTING TREES	AVERAGE EXISTING SPREAD	APPROXIMATE CANOPY COVERAGE PER TREE (m <sup>2</sup> )	QUANTITY OF TREES	TOTAL CANOPY COVERAGE (m <sup>2</sup> )
Existing Deciduous trees - Large	15m	177	0	0
Existing Deciduous trees - Medium	10m	79	17	1343
Existing Deciduous trees - Small	4.5m	16	18	288
Existing Coniferous trees	5m	20	18	360
Total			53	1,991
TOTAL EXISTING CANOPY COVERAGE AT SITE (m <sup>2</sup> ):				1,991
TOTAL SITE AREA (m <sup>2</sup> ):				7,937
ESTIMATED EXISTING CANOPY COVERAGE (%):				25%

- Area of a circle =  $(\pi \times r^2) \times \pi$
- Canopy coverage per tree calculation: (average spread/2) x (average spread/2) x  $\pi$

TREE INVENTORY KEY		
Condition	Recommendation	Owner(s)
G: Good	Conflict: Remove due to conflict with construction.	C: Client
F: Fair	Remove: Remove due to tree health or invasive status.	N: Neighbour
P: Poor	PROTECT: Protect trees as per contract details and specifications.	P: Public
VP: Very Poor		S: Shared

EXISTING TREE INVENTORY:

No.	Botanical Name	Common Name	DBH (cm)	CRZ (m)	Condition	Owner	Remarks	Recomm.
1	Picea glauca	White Spruce	8.0	0.80	F	Client		Conflict
2	Picea canadensis	White Spruce	14.0	1.40	G	Client		PROTECT
3	Betula sp.	Paper Birch	14.0	1.40	G	Client		PROTECT
4	Betula sp.	Paper Birch	13.0	1.30	G	Client		PROTECT
5	Betula sp.	Paper Birch	26.0	2.60	G	Client		PROTECT
6	Quercus rubra	Red Oak	28.0	2.80	G	Client		PROTECT
7	Betula sp.	Paper Birch	18.0	1.80	G	Client		PROTECT
8	Betula sp.	Paper Birch	25.0	2.50	G	Client		PROTECT
9	Betula sp.	Paper Birch	24.0	2.40	F	Client	Moderate Crown dieback	PROTECT
10	Ulmus 'Prospector'	Prospector Elm	22.0	2.20	G	Client		PROTECT
11	Ulmus 'Prospector'	Prospector Elm	17.0	1.70	F	Client	Thin canopy	PROTECT
12	Ulmus 'Prospector'	Prospector Elm	15.0	1.50	F	Client	Large wound at base	PROTECT
13	Ulmus 'Prospector'	Prospector Elm	19.0	1.90	G	Client		PROTECT
14	Ulmus 'Prospector'	Prospector Elm	18.0	1.80	G	Client		Conflict
15	Ulmus 'Prospector'	Prospector Elm	22.0	2.20	P	Client	Large wound extending 2m from base	Conflict
16	Ulmus 'Prospector'	Prospector Elm	35.0	3.50	P	Client	Very large wounds up north side of main stem	Conflict
17	Ulmus 'Prospector'	Prospector Elm	23.0	2.30	F	Client	Poor taper / Thin canopy	Conflict
18	Acer saccharum	Sugar Maple	29.0	2.90	G	Client	Minor dieback in upper canopy	Conflict
19	Gleditsia triacanthos	Honey Locust	16.0	1.60	G	Client		Conflict
20	Gleditsia triacanthos	Honey Locust	16.0	1.60	G	Client		Conflict
21	Pinus strobus	White Pine	38.0	3.80	G	Client		PROTECT
22	Pinus strobus	White Pine	32.0	3.20	G	Client		PROTECT
23	Pinus strobus	White Pine	24.0	2.40	G	Client		PROTECT
24	Acer saccharum	Sugar Maple	27.0	2.70	G	Client		PROTECT
25	Acer saccharum	Sugar Maple	31.0	3.10	G	Client		PROTECT
26	Pinus strobus	White Pine	26.0	2.60	P	Client	Thin canopy / Large wound or cancer at 2m from base	Conflict
27	Pinus glauca	White Spruce	21.0	2.10	P	Client	Thin canopy / Severe dieback	Remove
28	Acer saccharum	Sugar Maple	27.0	2.70	G	Client	Thin canopy	PROTECT
29	Picea glauca	White Spruce	26.0	2.60	G	Client		Conflict
30	Pinus strobus	White Pine	33.0	3.30	G	Client	One sided canopy	Conflict
31	Acer saccharum	Sugar Maple	29.0	2.90	G	Client		PROTECT
32	Acer saccharum	Sugar Maple	41.0	4.10	G	Client	Former leader lost to possible cancer / Tree otherwise showing very good vigour	PROTECT
33	Betula sp.	Paper Birch	26.0	2.60	G	Client		PROTECT
34	Thuja occidentalis	White Cedar	37.0	3.70	G	Public		PROTECT
35	Picea pungens	Colorado Spruce	31.0	3.10	G	Public		PROTECT
36	Thuja occidentalis	White Cedar	36.0	3.60	G	Client		PROTECT
37	Picea pungens	Colorado Spruce	42.0	4.20	G	Client		PROTECT
38	Betula sp.	Paper Birch	20.0	2.00	F	Public	Thin canopy / 1/4mm damage	PROTECT
39	Celtis occidentalis	Hackberry	34.0	3.40	G	Client		PROTECT
40	Pinus strobus	White Pine	27.0	2.70	G	Shared		PROTECT
41	Celtis occidentalis	Hackberry	40.0	4.00	G	Client	Large limb lost due to included bark / Tree is showing good vigour in recovery	PROTECT
42	Acer saccharum	Sugar Maple	30.0	3.00	G	Client		PROTECT
43	Thuja occidentalis	White Cedar	37.0	3.70	G	Client		PROTECT
44	Thuja occidentalis	White Cedar	35.0	3.50	G	Public		PROTECT
45	Thuja occidentalis	White Cedar	33.0	3.30	G	Client		PROTECT
46	Celtis occidentalis	Hackberry	29.0	2.90	G	Client	Included bark at 1.5m from base	PROTECT
47	Pinus strobus	White Pine	36.0	3.60	G	Client		PROTECT
48	Acer saccharum	Sugar Maple	31.0	3.10	G	Neighb.	Original leader lost / Good vigour	PROTECT



LEGEND

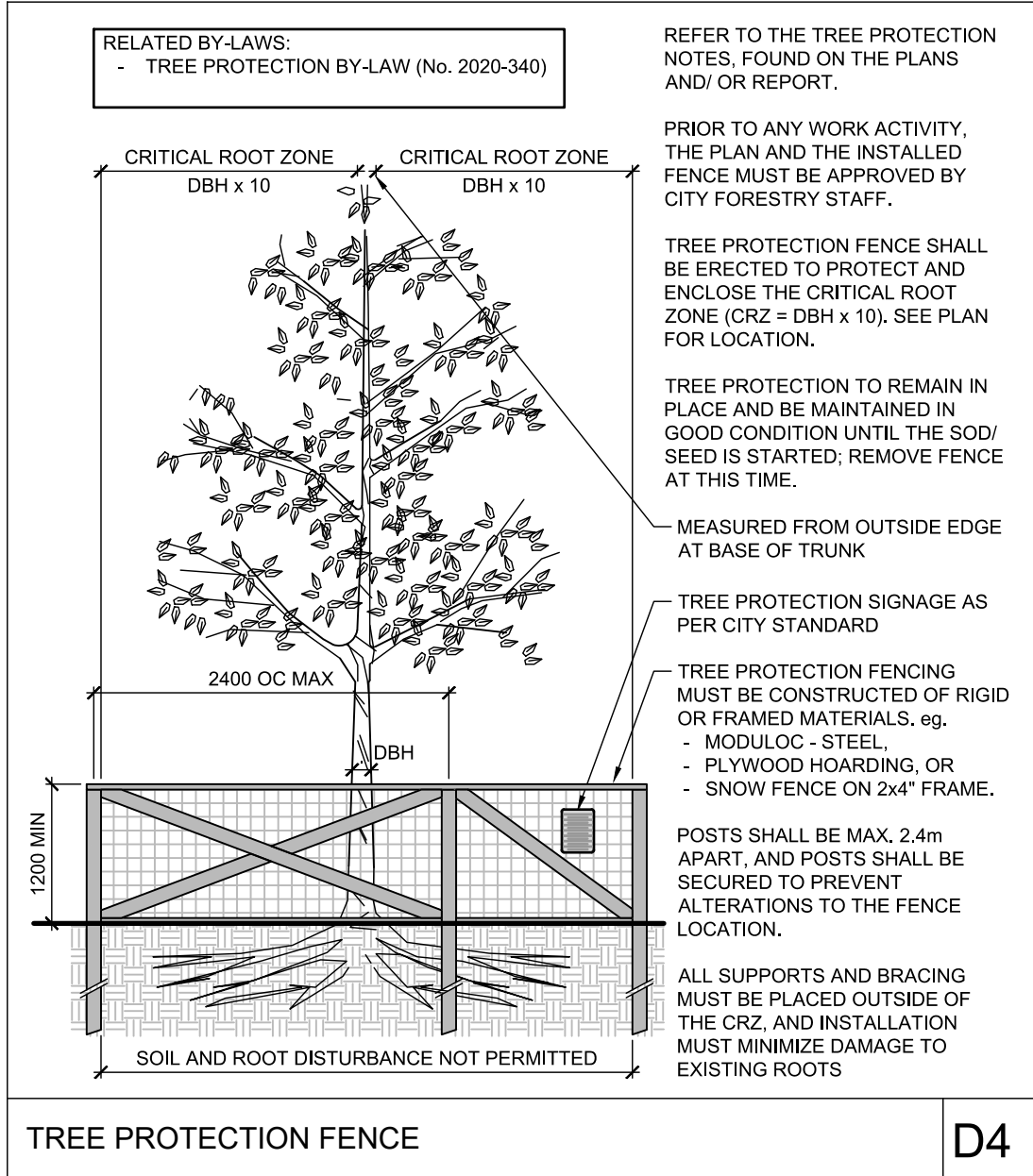
- 3-D1 DETAIL SHEET # NOVATECH OR CITY  
EG. L1, L2, ETC. DETAIL NUMBER SEE LIST FOR CODE
- PROPERTY LIMIT
- EXISTING TREE TO REMAIN, SYMBOL SIZE REFLECTS CRZ
- EXISTING TREE TO REMOVE, SYMBOL SIZE REFLECTS CRZ
- TREE PROTECTION FENCE
- SPECIES (SEE PLANT LIST)
- KEY ## QUANTITY

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.
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- 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.

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 not 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).

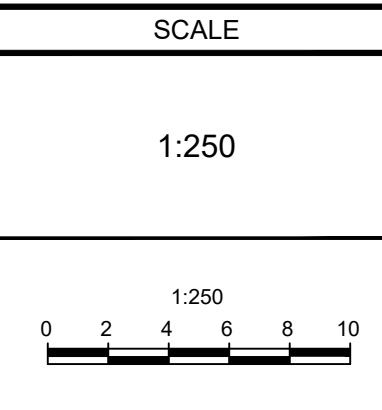


NOTE:  
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

Owner:  
Wesley Clover International  
c/o KRP Properties, 555 Legget Drive  
#300, Tower B  
Kanata, ON K2K 2Y3  
Phone: 613-591-0594

DISCLAIMER:  
The elements on this plan illustrate the design intent and general constructability of the proposed landscape which will support the associated development. This is to demonstrate how the canopy cover, urban design, health, and climate change objectives of the Official Plan will be met through tree planting and site design. This drawing is for City review only and is not intended for construction. Final detailed design and construction documentation is to be provided with certified 'Issued for Construction' drawings and specifications prior to construction.

No.	REVISION	DATE	BY
6.	RE-ISSUED FOR SITE PLAN SUBMISSION	JAN 14/25	RGJ
5.	ISSUED FOR COORDINATION	DEC 17/24	RGJ
4.	RE-ISSUED FOR SITE PLAN SUBMISSION	NOV 29/24	RGJ
3.	RE-ISSUED FOR SITE PLAN SUBMISSION	OCT 7/24	RGJ
2.	ISSUED FOR SITE PLAN AND ZONING	SEP 13/24	RGJ
1.	ISSUED FOR COORDINATION	SEP 09/24	RGJ



DESIGN
MJT
CHECKED
RGJ
DRAWN
TCB / MJT
CHECKED
RGJ
APPROVED
RGJ

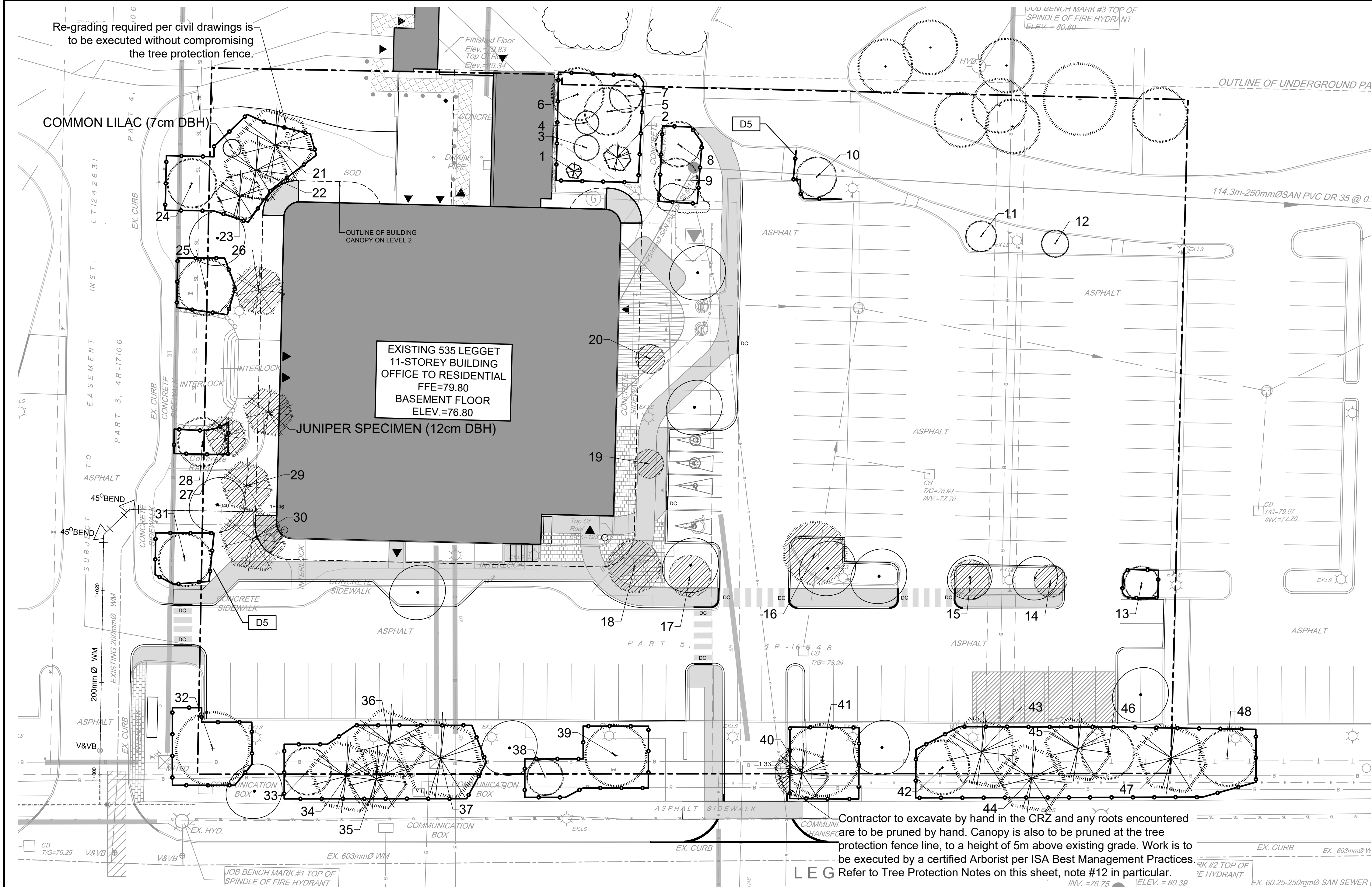
FOR REVIEW ONLY



**NOVATECH**  
Engineers, Planners & Landscape Architects  
Suite 200, 240 Michael Cowpland Drive  
Ottawa, Ontario, Canada K2M 1P6  
Telephone (613) 254-9643  
Facsimile (613) 254-5867  
Website www.novatech-eng.com

LOCATION	535 LEGGET DRIVE KANATA
DRAWING NAME	TREE CONSERVATION PLAN - 1
EXISTING CANOPY COVER INFORMATION	
PROJECT No.	124045
REV	REV # 6
DRAWING No.	124045-TCR1





PROPOSED AND RETAINED CANOPY CALCULATIONS:

PROPOSED & RETAINED TREES - ESTIMATED CANOPY COVERAGE AT MATURITY				
PROPOSED TREES	AVERAGE MATURE SPREAD	COVERAGE PER TREE AT MATURITY (m2)	QUANTITY OF TREES	TOTAL CANOPY COVERAGE (m2)
Deciduous trees - Large	15m	177	6	1060
Deciduous trees - Medium	10m	79	6	474
Existing Deciduous trees - Small	4.5m	16	2	32
RETAINED TREES				
* Retained Deciduous trees - Medium	10m	79	15	1185
* Retained Deciduous trees - Small	4.5m	16	13	208
* Retained Coniferous trees	5m	20	13	255
TOTAL FUTURE CANOPY COVERAGE (m2):			55	2,154
TOTAL SITE AREA (m2):				7,937
ESTIMATED FUTURE CANOPY COVERAGE (%):				27%
1. Area of a circle = (r x r) x π				
2. Canopy coverage per tree calculation: (average spread/2) x (average spread/2) x π				
* At maturity factor is not added to the existing canopy cover of retained trees at site.				

EXISTING TREE INVENTORY:

No.	Botanical Name	Common Name	DBH (cm)	CRZ (m)	Condition	Owner	Remarks	Recomm.
1	Pinus strobus	White Pine	8.0	0.80	F	Client		Conflict
2	Pinus strobus	White Pine	14.0	1.40	G	Client		Conflict
3	Pinus strobus	White Pine	14.0	1.40	G	Client		Conflict
4	Pinus strobus	White Pine	13.0	1.30	G	Client		Conflict
5	Pinus strobus	White Pine	26.0	2.60	G	Client		Conflict
6	Pinus strobus	White Pine	26.0	2.60	G	Client		Conflict
7	Pinus strobus	White Pine	18.0	1.80	G	Client		Conflict
8	Pinus strobus	White Pine	26.0	2.60	G	Client		Conflict
9	Pinus strobus	White Pine	24.0	2.40	F	Client	Moderate Crown dieback	Conflict
10	Pinus strobus	White Pine	22.0	2.20	G	Client		Conflict
11	Pinus strobus	White Pine	17.0	1.70	F	Client	Thin canopy	Conflict
12	Pinus strobus	White Pine	15.0	1.50	F	Client	Large wound at base	Conflict
13	Pinus strobus	White Pine	19.0	1.90	G	Client		Conflict
14	Pinus strobus	White Pine	18.0	1.80	G	Client		Conflict
15	Pinus strobus	White Pine	22.0	2.20	P	Client	Large wound extending 2m from base	Conflict
16	Pinus strobus	White Pine	35.0	3.50	P	Client	Very large wounds up north side of main stem	Conflict
17	Pinus strobus	White Pine	23.0	2.30	F	Client	Poor taper / Thin canopy	Conflict
18	Pinus strobus	White Pine	26.0	2.60	G	Client	Minor dieback in upper canopy	Conflict
19	Pinus strobus	White Pine	16.0	1.60	G	Client		Conflict
20	Pinus strobus	White Pine	16.0	1.60	G	Client		Conflict
21	Pinus strobus	White Pine	38.0	3.80	G	Client		Conflict
22	Pinus strobus	White Pine	32.0	3.20	G	Client		Conflict
23	Pinus strobus	White Pine	24.0	2.40	G	Client		Conflict
24	Pinus strobus	White Pine	27.0	2.70	G	Client		Conflict
25	Pinus strobus	White Pine	31.0	3.10	G	Client		Conflict
26	Pinus strobus	White Pine	26.0	2.60	P	Client	Thin canopy / Large wound or canker at 3m from base	Conflict
27	Pinus strobus	White Pine	21.0	2.10	P	Client	Thin canopy / Severe dieback	Conflict
28	Pinus strobus	White Pine	27.0	2.70	G	Client	Thin canopy	Conflict
29	Pinus strobus	White Pine	26.0	2.60	G	Client		Conflict
30	Pinus strobus	White Pine	33.0	3.30	G	Client	One sided canopy	Conflict
31	Pinus strobus	White Pine	29.0	2.90	G	Client		Conflict
32	Pinus strobus	White Pine	41.0	4.10	G	Client	Former leader lost to possible canker / Tree otherwise showing very good vigour	Conflict
33	Pinus strobus	White Pine	26.0	2.60	G	Client		Conflict
34	Pinus strobus	White Pine	37.0	3.70	G	Public		Conflict
35	Pinus strobus	White Pine	31.0	3.10	G	Public		Conflict
36	Pinus strobus	White Pine	36.0	3.60	G	Client		Conflict
37	Pinus strobus	White Pine	42.0	4.20	G	Client		Conflict
38	Pinus strobus	White Pine	20.0	2.00	P	Client	Thin canopy / Trimmer damage	Conflict
39	Pinus strobus	White Pine	34.0	3.40	G	Client		Conflict
40	Pinus strobus	White Pine	27.0	2.70	G	Shared		Conflict
41	Pinus strobus	White Pine	23.0	2.30	G	Client	Large limb lost due to included bark / Tree is showing good vigour in recovery	Conflict
42	Pinus strobus	White Pine	30.0	3.00	G	Client		Conflict
43	Pinus strobus	White Pine	37.0	3.70	G	Client		Conflict
44	Pinus strobus	White Pine	35.0	3.50	G	Public		Conflict
45	Pinus strobus	White Pine	33.0	3.30	G	Client		Conflict
46	Pinus strobus	White Pine	29.0	2.90	G	Client	Included bark at 1.6m from base	Conflict
47	Pinus strobus	White Pine	36.0	3.60	G	Client		Conflict
48	Pinus strobus	White Pine	31.0	3.10	G	Neighbour	Original leader lost / Good vigour	Conflict

**LEGEND**

**3-D1**

PROPERTY LIMIT

EXISTING TREE TO REMAIN, SYMBOL SIZE REFLECTS CRZ

EXISTING TREE TO REMOVE, SYMBOL SIZE REFLECTS CRZ

PROPOSED TREE COMPENSATION PLANTING LOCATION

TREE PROTECTION FENCE

SPECIES (SEE PLANT LIST)

QUANTITY

PROPOSED BUILDING LINE

OUTLINE OF BUILDING CANOPY ON LEVEL 2

**TREE PROTECTION**

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Facsimile: (613) 254-5867  
Website: www.novatech-eng.com

**FOR REVIEW ONLY**

DESIGN: MJT

CHECKED: RGJ

DRAWN: TCB / MJT

CHECKED: RGJ

APPROVED: RGJ

**LOCATION**

535 LEGGET DRIVE  
KANATA

**DRAWING NAME**

TREE CONSERVATION PLAN - 2

**PROPOSED & RETAINED CANOPY COVER INFORMATION**

**REVISION**

No.	REVISION	DATE	BY
6.	RE-ISSUED FOR SITE PLAN SUBMISSION	JAN 14/25	RGJ
5.	ISSUED FOR COORDINATION	DEC 17/24	RGJ
4.	RE-ISSUED FOR SITE PLAN SUBMISSION	NOV 29/24	RGJ
3.	RE-ISSUED FOR SITE PLAN SUBMISSION	OCT 7/24	RGJ
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1.	ISSUED FOR COORDINATION	SEP 09/24	RGJ

**SCALE**

1:250

0 2 4 6 8 10

**OWNER:**

Wesley Clover International  
c/o KRP Properties, 555 Leggett Drive  
#300, Tower B  
Kanata, ON K2K 2X3  
Phone: 613-591-0594

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**PLANTING**

124045-TCR2

124045-TCR2

M:\2024\124045\CAD\Landscape\124045\_L.dwg, TCR2, Jan 14, 2025 - 12:47pm, Buhake

D02-02-24-0058 & D07-12-24-0123



# SOIL VOLUMES AVAILABILITY

124045 - 535 Legget Dr				Soil calculations			
Planting bed no.	Available Soil Area (sq m)	Available Soil Volume (cu m)	No. of trees proposed	Total No. of trees	Min. required soil volume total (cu m)		
Planting bed 1	25	25	Small (20m <sup>3</sup> for single, 12m <sup>3</sup> for multiple)	1	1	35.00	
Planting bed 2	28	28	Medium (25m <sup>3</sup> for single, 15m <sup>3</sup> for multiple)	1	1	30.00	
Planting bed 3	46	46	Large (30m <sup>3</sup> for single, 18m <sup>3</sup> for multiple)	2	2	36.00	
Planting bed 4	27	27		0	2	24.00	
Planting bed 5	39	39		0	1	30.00	
Planting bed 6	125	125		0	2	36.00	

Note 1. For all planting beds proposed, the available soil depth is considered to be 1m.

# CITY DETAILS

Related details from City of Ottawa Standard Tender Documents Volume No. 2 Standard Detail Drawings.

SC4. Typical Concrete Sidewalk in Boulevard  
SC5. Sidewalk Construction Joints  
SC7.1 Curb Return Entrances - Uncontrolled Intersections

# NOVATECH DETAILS

Found on Sheet L2.

D1. Standard Deciduous Tree Planting  
D2. Shrub and Perennial Planting  
D3. Bike Layout

Found on Sheet TCR 1.  
D4. Tree Protection Fence

NORTH

KEY PLAN  
N.T.S.

# LEGEND

3-D1	DETAIL SHEET # NOVATECH OR CITY EG. L1, L2, ETC. DETAIL NUMBER SEE LIST FOR CODE
---	PROPERTY LIMIT
■	PROPOSED CONCRETE
■	PROPOSED PAVERS
■	PROPOSED DECK
■	CLEAR STONE
■	SOD
○	PROPOSED DECIDUOUS TREE
○	PROPOSED SHRUBS
■	PERENNIALS & ORNAMENTAL GRASS
○	EXISTING TREE TO REMAIN
—●—	TREE PROTECTION FENCE
—●—	PICKET FENCE
—x—	WOOD PRIVACY FENCE
---	PROPOSED BUILDING LINE
---	OUTLINE OF BUILDING CANOPY ON LEVEL 2
■	BENCHES
■	DECK FURNITURE
■	SNOW STORAGE AREA

# 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, WB or BB, 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. 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.
- 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.

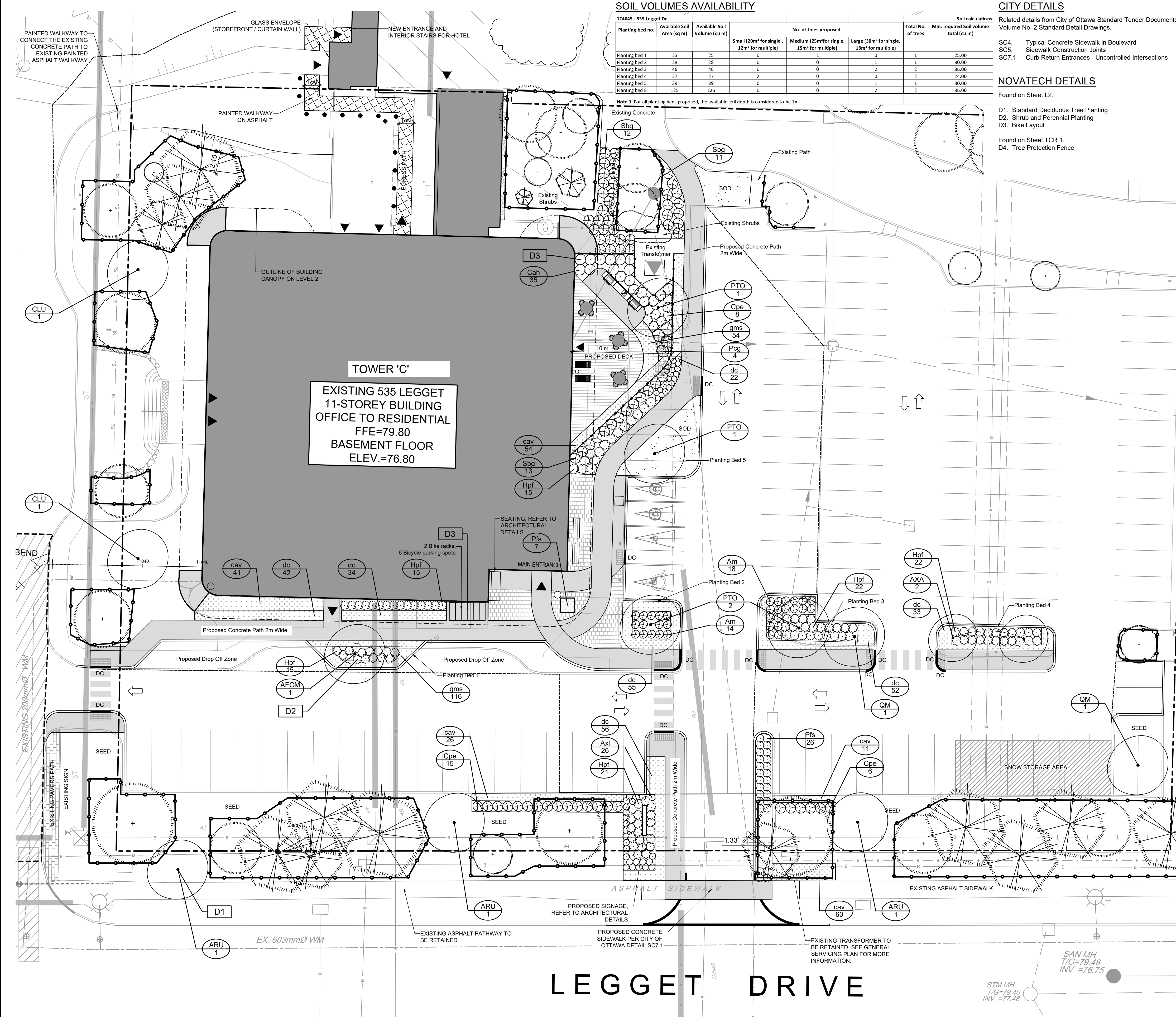
# CANOPY COVER CALCULATIONS

- Refer to the Tree Conservation Plans 124045-TCR1 and 124045-TCR2 for the existing and proposed canopy cover projection calculations.

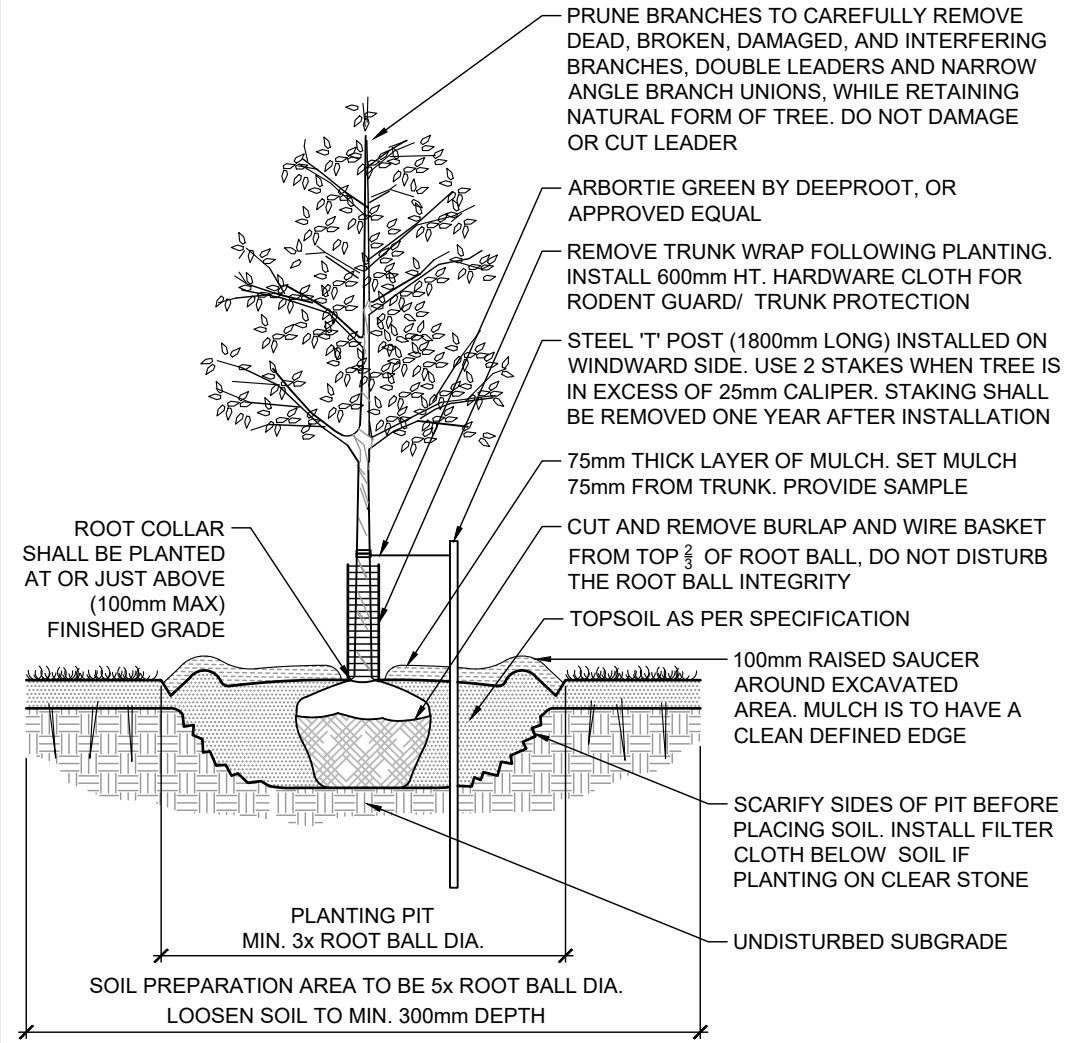
# PLANT LIST

KEY	QTY	Botanical Name	COMMON NAME	SIZE	COND	SPACING	NATIVE/NON-NATIVE	OWNER
<b>Deciduous Trees</b>								
AFCM	1	Acer x freemanii 'Celebration'	Celebration Maple	50mm Cal	WB	As Shown	C	Private
ARU	2	Acer rubrum 'Autumn Radiance'	Autumn Radiance Red Maple	50mm Cal	WB	As Shown	C	Private
ARU	1	Acer rubrum 'Autumn Radiance'	Autumn Radiance Red Maple	50mm Cal	WB	As Shown	C	City of Ottawa
AXA	2	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	50mm Cal	WB	As Shown	C	Private
CLU	2	Cladostoma kentsiana (formerly 'lutea')	Yellowwood	50mm Cal	WB	As Shown	E	Private
PTO	4	Platanus occidentalis	American Sycamore	50mm Cal	WB	As Shown	P	Private
QM	2	Quercus macrocarpa	Bur Oak	50mm Cal	WB	As Shown	L	Private
<b>Deciduous Shrubs</b>								
Am	32	Aronia melanocarpa	Black Chokeberry	60cm Ht	PT	80cm O.C.	L	Private
Cah	35	Ceanothus 'Hammingsway'	Hammingway Summertime	40cm Ht	PT	80cm O.C.	C	Private
Cpe	29	Comptonia perniaria	Sweet Fern	40cm Ht	PT	100cm O.C.	L	Private
Hpf	110	Hydrangea paniculata 'Fire Light Tidal'	Fire Light Tidal Hydrangea	60cm Ht	PT	70cm O.C.	E	Private
Sbg	36	Spiraea betulifolia 'Glow Girl' (Tor Gold)	Glow Girl Birchleaf Spirea	60cm Ht	PT	100cm O.C.	E	Private
Pcg	4	Physocarpus opulifolius 'Centre Glow'	Centre Glow Ninebark	60cm Ht	PT	180cm O.C.	C	Private
Pfs	13	Potentilla fruticosa 'Belle Sol'	Belle Sol Potentilla	40cm Ht	PT	80cm O.C.	E	Private
<b>Perennials</b>								
gms	170	Geranium macrorrhizum 'Spessart'	Spessart Cranesbill	1g	PT	40cm O.C.	C	Private
<b>Ornamental Grasses</b>								
cav	192	Calamagrostis acutiflora 'Avalanche'	Avalanche Feather Reed Grass	1g	PT	70cm O.C.	E	Private
dc	294	Deschampsia cespitosa	Tufted Hair Grass	1g	PT	60cm O.C.	L	Private

\*NOTE: (L) Local region, (C) Cultivar of local region plant, (P) Provenance, (E) Exotic or non-native

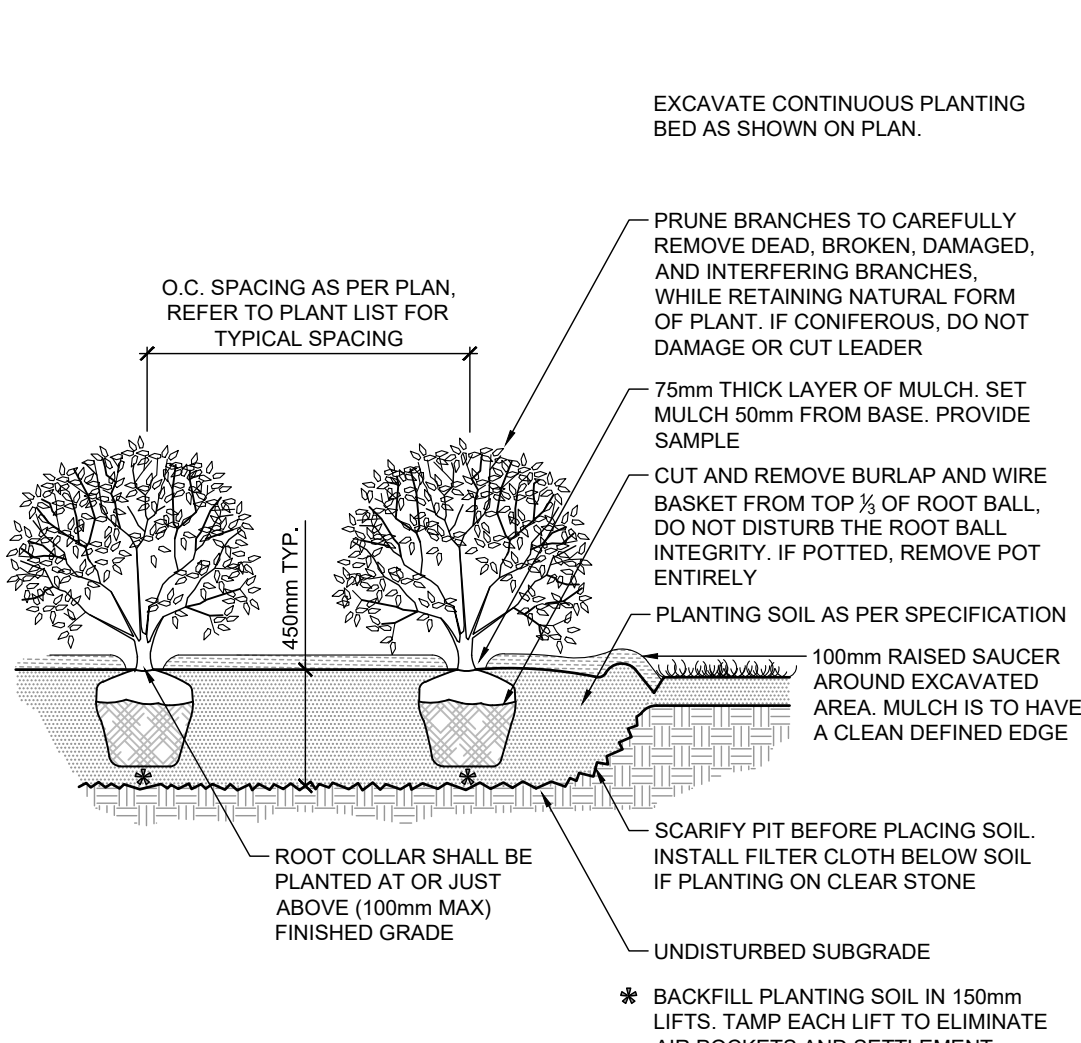






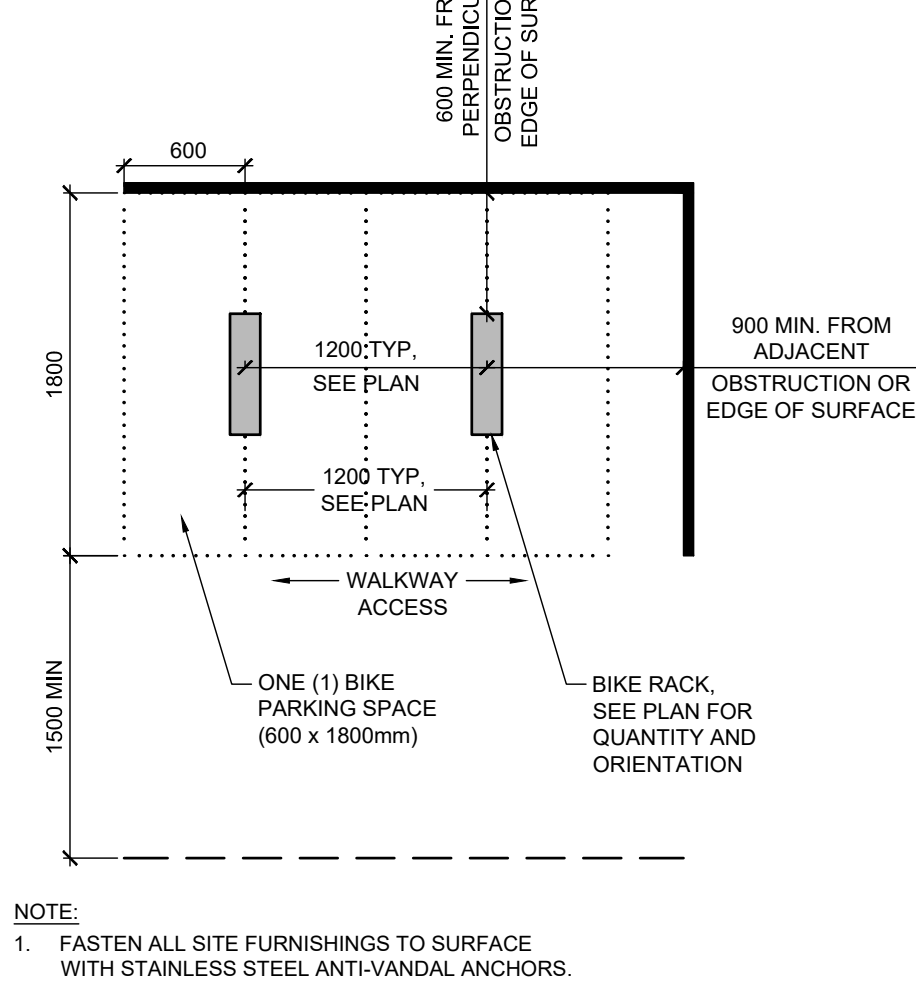
STANDARD DECIDUOUS TREE PLANTING

D1



SHRUB AND PERENNIAL PLANTING

D2



BIKE LAYOUT

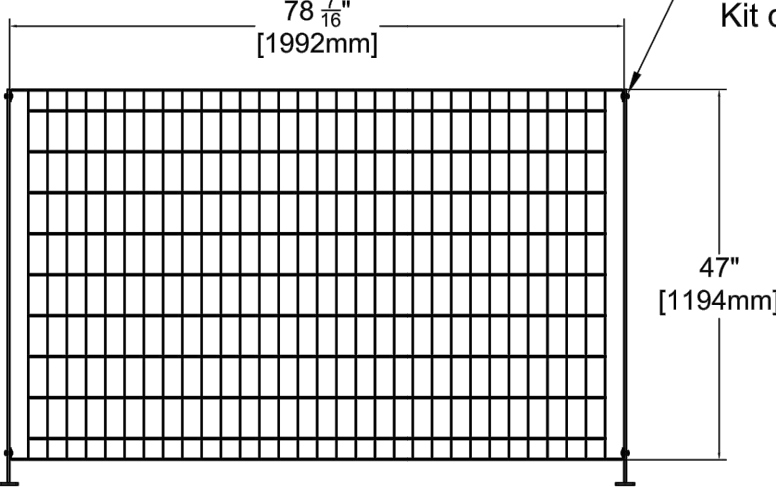
D3

OMEGA 10 PANEL MOUNTED ON FLANGED POST (HEIGHT 47"H)  
Panneau Omega 10 sur poteaux avec base (grandeur 47"H)

REVISION 1

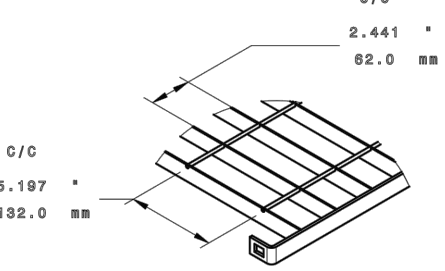
PANEL / Panneau 47"

HARDWARE KIT /  
Kit de quincaillerie



PANEL HEIGHT / Hauteur du panneau	NUMBER OF BRACKET KITS PER POST / Nombre d'ensembles d'attaches par poteau
1194 mm (47"H)	2
1980 mm (78"H)	3
2514 mm (99"H)	3

6GA Ø4.88mm	1" x 9GA 25mm x 4mm
1" x 14GA 25mm x 2mm	



Système de Clôtures Omega II  
1735 boul. St-Ezèze Ouest  
Laval, Québec  
H7L 3N6  
Tel: 450-686-9600  
1-800-836-6342  
Fax: 450-681-5318  
www.omegafence.com

D4

PRODUCT INFORMATION

Install products as per manufacturer specifications. Shop drawings required.

PAVERS

- Edge of pavers to receive edge restraint.
- Pavers - TBD
- Location: Entrance
- Size:
- Pattern:
- Colour:

FENCE

- Omega 10 Picket Fence by Omega
- Panel Height: 1.2m
- Colour: Black

SITE FURNITURE

Fasten all site furnishing to surface with stainless steel anti-vandal anchors.

- Iconic Backless Benches by Maglin
- Product Number: MBE-2300-00045
- Fixture: Surface mounted
- Size: 1778mm L x 446mm W x 475mm Ht
- Frame: Aluminum Legs and arms, steel brackets
- Frame colour: Powder Coat Silver 14
- Slats: Ipe
- Options: Two end arms and two sides skate deterrent, no plaque.

- 'Flo' Bike Racks by Landscape Forms
- Capacity: 3 bikes / rack
- Size: 27.75" x 25.5" x 32.5"
- Fixture: Surface mounted
- Colour: Powder Coat - Silver Metallic

- Mariner Commercial Wood Planter by DeepStream
- Location: Entrance
- Size: 59" x 59" x 31" H
- Frame: Marine-anodized Aluminium legs, SS fastners
- Wood Panels: Ipe
- Liners with drainage control.

Fill planter box with growing medium designed for raised planters. Submit product specifications for review and approval by the Landscape Architect.

OUTDOOR AMENITY FURNITURE

- Lounge Chairs by Equiparc
- Product Number: EP1974
- Fixture: Freestanding
- Size: 1624mm L x 780mm W x 1024mm Ht
- Frame: 6mm thick steel flats and plates
- Frame colour: Hot dip galvanized, Silver
- Slats: 38mm x 64 mm Ipe wood

- Chipman Round Dining Tables by Landscape Forms
- Product : Chipman
- Fixture: Freestanding.
- Size: 45" Round, 29.25" Ht
- Table top: Powder Coat Metallic Silver
- Option: Without Umbrella hole
- Table support: Powder Coat Metallic Silver

- LF-21 Outdoor Chairs by Landscape Forms
- Product : 21
- Fixture: Freestanding.
- Size: 25.5" D x 28" L x 32.75" ht
- Option: With Arms
- Colour: Metallic Silver

- Chipman Round Lounge Table by Landscape Forms
- Product : Chipman
- Fixture: Freestanding.
- Size: 31" Round, 15.25" Ht
- Table top: Powder Coat Metallic Silver
- Table support: Powder Coat Metallic Silver

NOTE:  
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

Owner:  
Wesley Clover International  
c/o KRP Properties, 555 Legget Drive  
#300, Tower B  
Kanata, ON K2K 2X3  
Phone: 613-591-0594

DISCLAIMER:

The elements on this plan illustrate the design intent and general constructability of the proposed landscape which will support the associated development. This is to demonstrate how the canopy cover, urban design, health, and climate change objectives of the Official Plan will be met through tree planting and site design. This drawing is for City review only and is not intended for construction. Final detailed design and construction documentation is to be provided with certified 'Issued for Construction' drawings and specifications prior to construction.

No.	REVISION	DATE	BY
5.	RE-ISSUED FOR SITE PLAN SUBMISSION	JAN 14/25	RGJ
4.	ISSUED FOR COORDINATION	DEC 17/24	RGJ
3.	RE-ISSUED FOR SITE PLAN SUBMISSION	NOV 29/24	RGJ
2.	RE-ISSUED FOR SITE PLAN SUBMISSION	OCT 7/24	RGJ
1.	ISSUED FOR SITE PLAN AND ZONING	SEP 13/24	RGJ

SCALE

DESIGN	RGJ
CHECKED	RGJ
DRAWN	TCB
CHECKED	RGJ
APPROVED	RGJ

FOR REVIEW ONLY



Engineers, Planners & Landscape Architects  
Suite 200, 240 Michael Cowpland Drive  
Ottawa, Ontario, Canada K2M 1P6  
Telephone (613) 254-9643  
Facsimile (613) 254-5867  
Website www.novatech-eng.com

LOCATION  
535 LEGGET DRIVE  
KANATA

DRAWING NAME  
LANDSCAPE DETAILS

PROJECT No.  
124045

REV  
REV # 5

DRAWING No.  
124045-L2