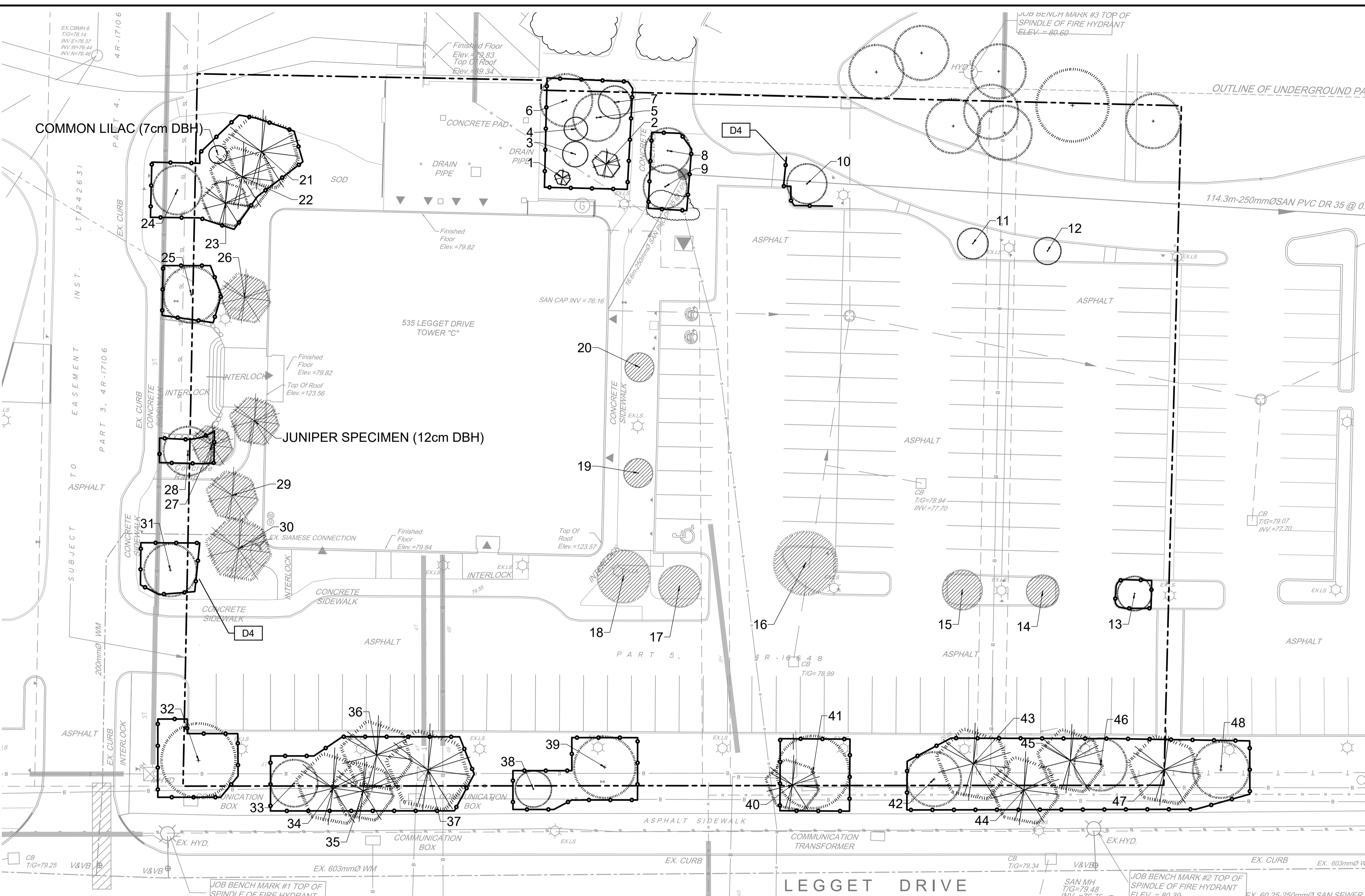
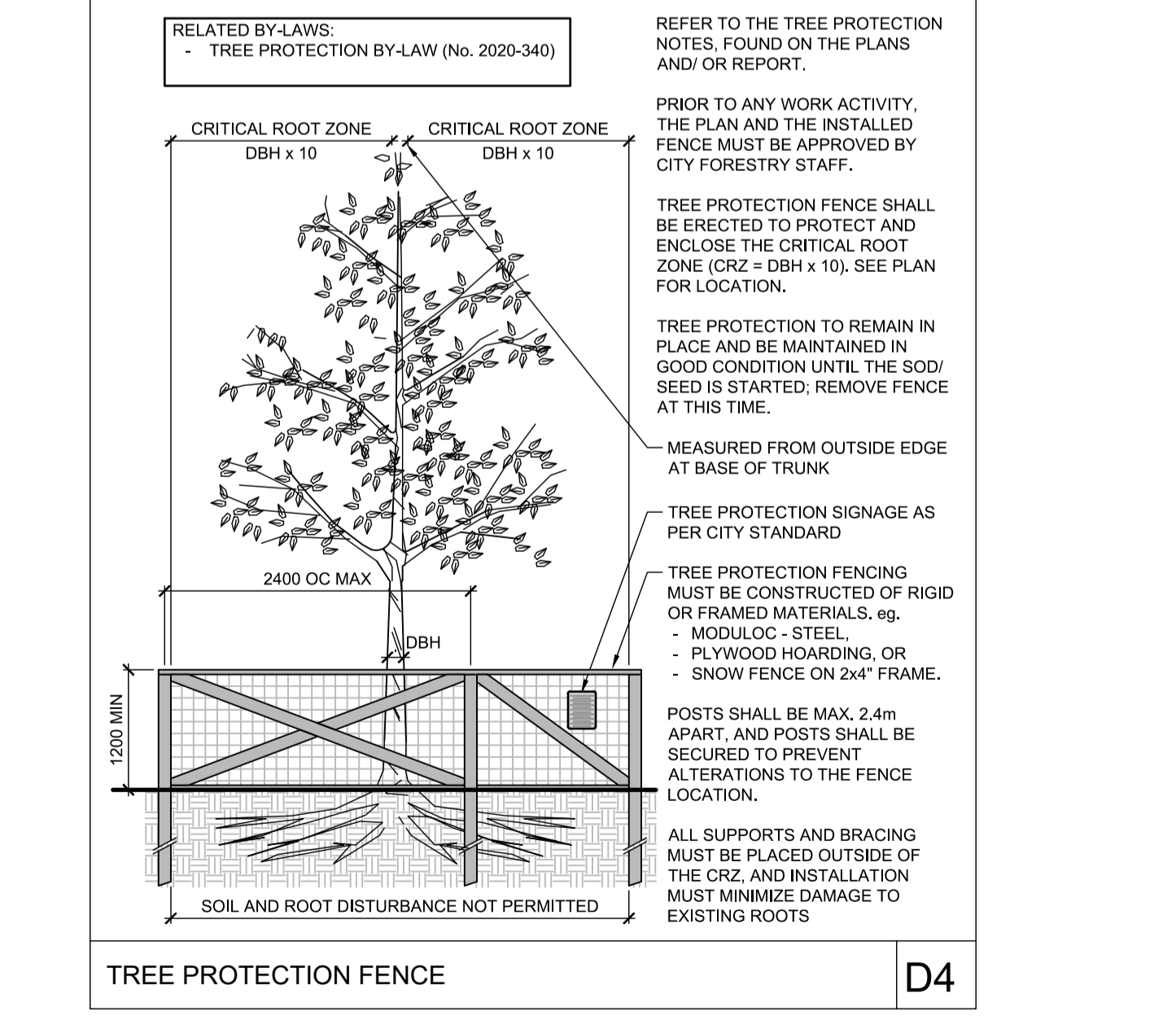


- LEGEND**
- 3-D1 DETAIL SHEET # NOVATECH OR CITY DETAIL NUMBER SEE LIST FOR CODE
 - PROPERTY LIMIT
 - EXISTING TREE TO REMAIN, SYMBOL SIZE REFLECTS CRZ
 - EXISTING TREE TO REMOVE, SYMBOL SIZE REFLECTS CRZ
 - TREE PROTECTION FENCE
 - SPECIES (SEE PLANT LIST)
 - KEY ### QUANTITY

- 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).

- 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.



EXISTING CANOPY CALCULATIONS:

EXISTING TREES - CANOPY COVERAGE as surveyed in year 2024				
EXISTING TREES	AVERAGE EXISTING SPREAD	APPROXIMATE CANOPY COVERAGE PER TREE (m2)	QUANTITY OF TREES	TOTAL CANOPY COVERAGE (m2)
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 EXISTING CANOPY COVERAGE AT SITE (m2):			1991	

- Area of a circle = (πr^2)
- Canopy coverage per tree calculation: $(\text{average spread}/2) \times (\text{average spread}/2) \times \pi$

EXISTING TREE INVENTORY:

No.	Botanical Name	Common Name	DBH (cm)	CRZ (m)	Condition	Owner	Remarks	Recomm.
1	<i>Picea glauca</i>	White Spruce	8.0	0.80	F	Client		Conflict
2	<i>Picea canadica</i>	Canadian Spruce	14.0	1.40	G	Client		PROTECT
3	<i>Betula sp.</i>	Paper Birch	14.0	1.40	G	Client		PROTECT
4	<i>Betula sp.</i>	Paper Birch	13.0	1.30	G	Client		PROTECT
5	<i>Betula sp.</i>	Paper Birch	26.0	2.60	G	Client		PROTECT
6	<i>Quercus rubra</i>	Red Oak	29.0	2.90	G	Client		PROTECT
7	<i>Betula sp.</i>	Paper Birch	18.0	1.80	G	Client		PROTECT
8	<i>Betula sp.</i>	Paper Birch	25.0	2.50	G	Client		PROTECT
9	<i>Betula sp.</i>	Paper Birch	24.0	2.40	F	Client	Moderate Crown dieback	PROTECT
10	<i>Ulmus 'Prospector'</i>	Prospector Elm	22.0	2.20	G	Client		PROTECT
11	<i>Ulmus 'Prospector'</i>	Prospector Elm	17.0	1.70	F	Client	Thin canopy	PROTECT
12	<i>Ulmus 'Prospector'</i>	Prospector Elm	15.0	1.50	F	Client	Large wound at base	PROTECT
13	<i>Ulmus 'Prospector'</i>	Prospector Elm	19.0	1.90	G	Client		PROTECT
14	<i>Ulmus 'Prospector'</i>	Prospector Elm	18.0	1.80	G	Client		Conflict
15	<i>Ulmus 'Prospector'</i>	Prospector Elm	22.0	2.20	P	Client	Large wound extending 2m from base	PROTECT
16	<i>Ulmus 'Prospector'</i>	Prospector Elm	35.0	3.50	P	Client	Very large wounds up north side of main stem	Conflict
17	<i>Ulmus 'Prospector'</i>	Prospector Elm	23.0	2.30	F	Client	Poor taper / Thin canopy	Conflict
18	<i>Acer saccharum</i>	Sugar Maple	29.0	2.90	G	Client	Minor dieback in upper canopy	Conflict
19	<i>Gleditsia inaequalis</i>	Honey Locust	16.0	1.60	G	Client		Conflict
20	<i>Gleditsia inaequalis</i>	Honey Locust	16.0	1.60	G	Client		Conflict
21	<i>Pinus strobus</i>	White Pine	38.0	3.80	G	Client		PROTECT
22	<i>Pinus strobus</i>	White Pine	32.0	3.20	G	Client		PROTECT
23	<i>Pinus strobus</i>	White Pine	24.0	2.40	G	Client		PROTECT
24	<i>Acer saccharum</i>	Sugar Maple	27.0	2.70	G	Client		PROTECT
25	<i>Acer saccharum</i>	Sugar Maple	31.0	3.10	G	Client		PROTECT
26	<i>Pinus strobus</i>	White Pine	26.0	2.60	P	Client	Thin canopy / Large wound or carker at base from base	Conflict
27	<i>Pinus glauca</i>	White Spruce	21.0	2.10	P	Client	Thin canopy / Severe dieback	Remove
28	<i>Acer saccharum</i>	Sugar Maple	27.0	2.70	G	Client	Thin canopy	PROTECT
29	<i>Picea glauca</i>	White Spruce	26.0	2.60	G	Client		Conflict
30	<i>Pinus strobus</i>	White Pine	33.0	3.30	G	Client	One sided canopy	Conflict
31	<i>Acer saccharum</i>	Sugar Maple	29.0	2.90	G	Client		PROTECT
32	<i>Acer saccharum</i>	Sugar Maple	41.0	4.10	G	Client	Former leader lost to possible carker / Tree otherwise showing very good vigour	PROTECT
33	<i>Betula sp.</i>	Paper Birch	26.0	2.60	G	Client		PROTECT
34	<i>Thuja occidentalis</i>	White Cedar	37.0	3.70	G	Public		PROTECT
35	<i>Picea pungens</i>	Colorado Spruce	31.0	3.10	G	Public		PROTECT
36	<i>Thuja occidentalis</i>	White Cedar	36.0	3.60	G	Client		PROTECT
37	<i>Picea pungens</i>	Colorado Spruce	42.0	4.20	G	Client		PROTECT
38	<i>Betula sp.</i>	Paper Birch	20.0	2.00	F	Public	Thin canopy / Trimm damage	PROTECT
39	<i>Betula occidentalis</i>	Hackberry	34.0	3.40	G	Client		PROTECT
40	<i>Pinus strobus</i>	White Pine	27.0	2.70	G	Shared		PROTECT
41	<i>Celtis occidentalis</i>	Hackberry	40.0	4.00	G	Client	Large limb lost due to included bark / Tree is showing good vigour in recovery	PROTECT
42	<i>Acer saccharum</i>	Sugar Maple	30.0	3.00	G	Client		PROTECT
43	<i>Thuja occidentalis</i>	White Cedar	37.0	3.70	G	Client		PROTECT
44	<i>Thuja occidentalis</i>	White Cedar	35.0	3.50	G	Public		PROTECT
45	<i>Thuja occidentalis</i>	White Cedar	33.0	3.30	G	Client		PROTECT
46	<i>Celtis occidentalis</i>	Hackberry	39.0	3.90	G	Client	Included bark at 1.5m from base	PROTECT
47	<i>Pinus strobus</i>	White Pine	36.0	3.60	G	Client		PROTECT
48	<i>Acer saccharum</i>	Sugar Maple	31.0	3.10	G	Client	Original leader lost / Good vigour	PROTECT

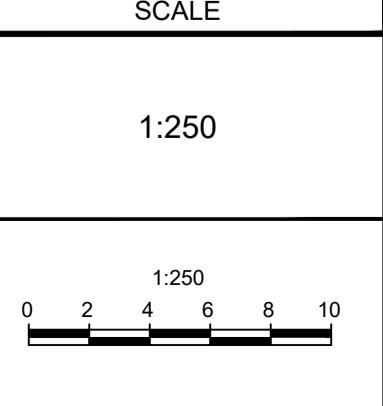
TREE INVENTORY KEY

Condition	Recommendation	Quarter
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

NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATER MAINS, 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

No.	REVISION	DATE	BY
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



NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Copland 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

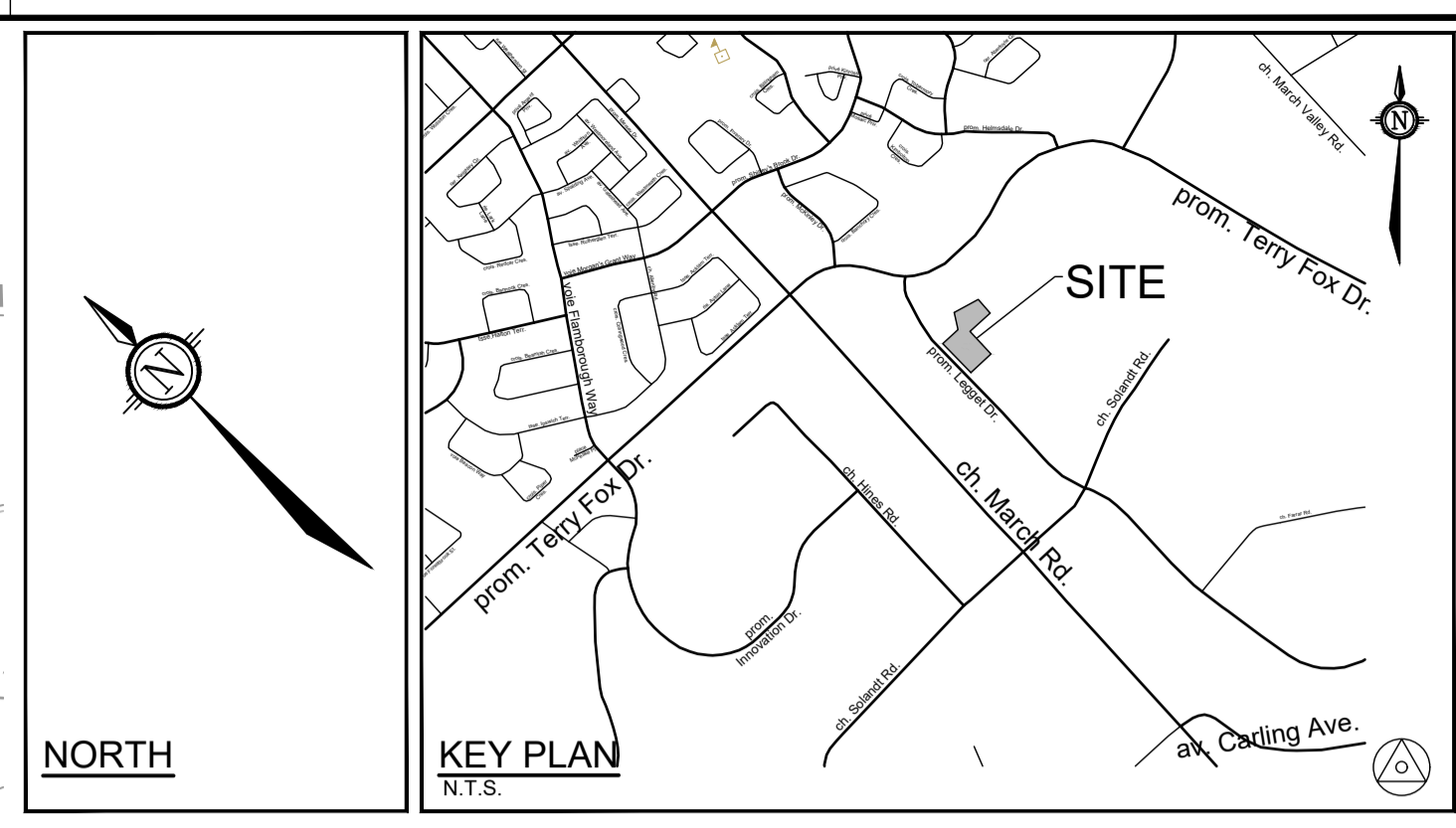
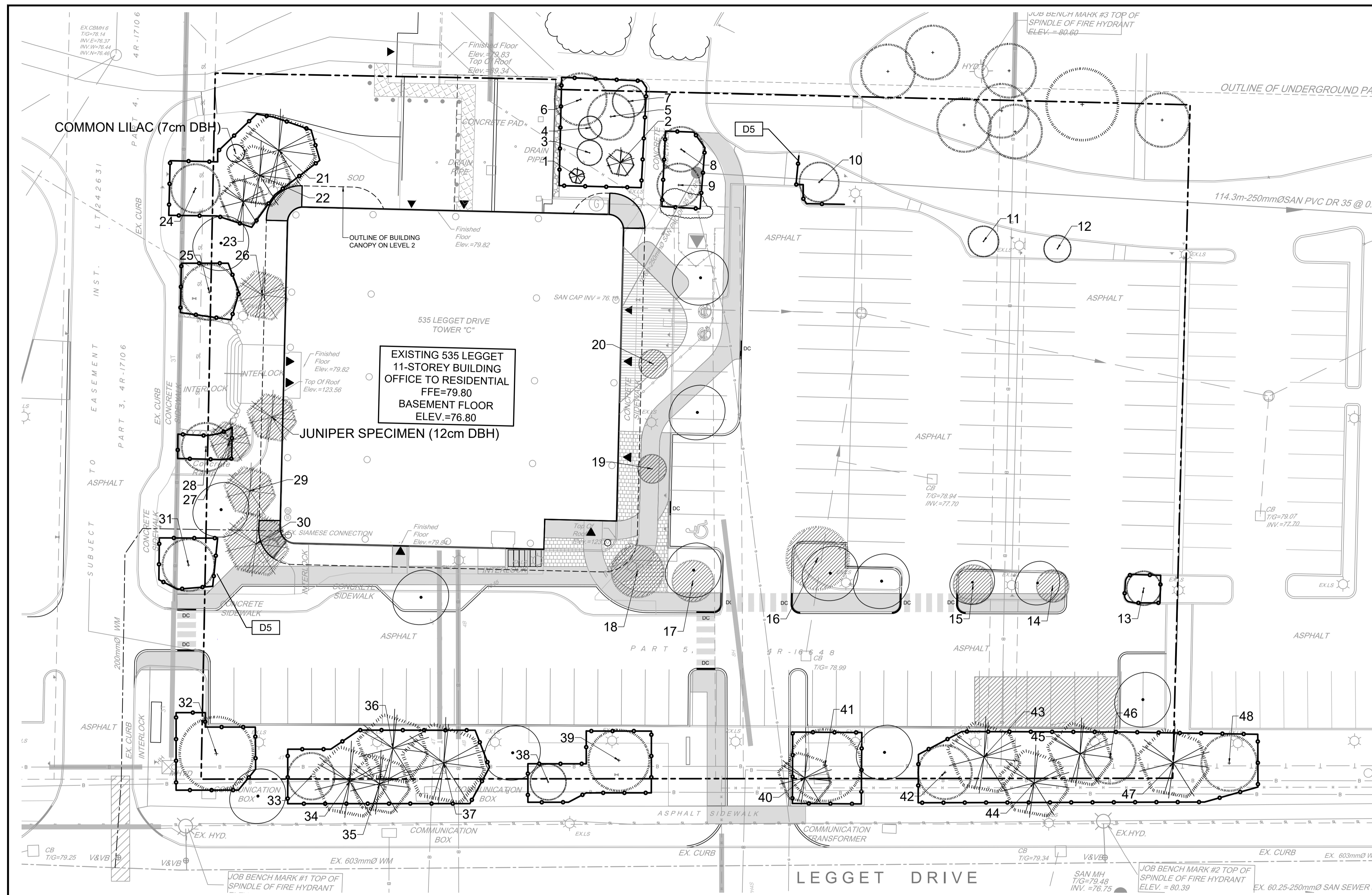
REV # 4

DRAWING No.
124045-TCR1

NOVATECH

M:\2024\124045\CAD\Landscaping\124045_Landscaping_TCR1_2024_2_01.dwg, TCR1_2024_2_01.dwg, 2:01pm, 2024/11/28

D02-02-24-0058 & D07-12-24-0123 #0000



- ### LEGEND
- 3-D1 DETAIL SHEET # - NOVATECH OR CITY DETAIL NUMBER SEE LIST FOR CODE
 - 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
- 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 outshouses.
 - 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).
- ### 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.

PROPOSED AND RETAINED CANOPY CALCULATIONS:

PROPOSED & RETAINED TREES - ESTIMATED CANOPY COVERAGE AT MATURITY				
PROPOSED TREES	AVERAGE MATURE SPREAD	COVERAGE PER TREE AT MATURITY (m ²)	QUANTITY OF TREES	TOTAL CANOPY COVERAGE (m ²)
Deciduous trees - Large	15m	177	6	1060
Deciduous trees - Medium	10m	79	1	79
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 PROPOSED CANOPY COVERAGE (m²):			Total 50	1759

1. Area of a circle = (πr²)
 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.

Condition	Recommendation	Quantity
G: Good	Conflict - Remove due to conflict with construction.	C: Client
F: Fair	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 canadica	Sitka 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	29.0	2.90	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	Very large wounds up north side of main stem	Conflict
16	Ulmus "Prospector"	Prospector Elm	35.0	3.50	P	Client		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	28.0	2.80	P	Client	Thin canopy / Large wound or canker at 1m from base	Conflict
27	Picea 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	28.0	2.80	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 canker / Tree otherwise showing very good vigour	PROTECT
33	Betula sp.	Paper Birch	28.0	2.80	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 / Timmer 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 1.6m from base	PROTECT
47	Picea abies	Norway Spruce	36.0	3.60	G	Client		PROTECT
48	Acer saccharum	Sugar Maple	31.0	3.10	G	Client	Original leader lost / Good vigour	PROTECT

NOTE:
 THE POSITION OF ALL POLE LINES, CONDUITS, WATER MAINS, 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

No.	REVISION	DATE	BY
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

SCALE: 1:250

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

FOR REVIEW ONLY

ASSOCIATION OF LANDSCAPE ARCHITECTS
 ONTARIO
 MEMBER

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 - 2

PROPOSED & RETAINED CANOPY COVER INFORMATION

PROJECT No.	124045
REV #	REV # 4
DRAWING No.	124045-TCR2

SOIL VOLUMES AVAILABILITY

Table with 7 columns: Planting bed no., Available Soil Area (sq m), Available Soil Volume (cu m), No. of trees proposed (Small, Medium, Large), Total No. of trees, and Soil calculations (Min. required soil volume total (cu m)).

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

D1. Standard Deciduous Tree Planting. D2. Shrubs and Perennial Planting. D3. Bike Layout. Found on Sheet L2. D4. Tree Protection Fence. Found on Sheet TCR 1.

LEGEND

- 3-D1 DETAIL SHEET # NOVATECH OR CITY 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. WOOD PRIVACY FENCE. PROPOSED BUILDING LINE. OUTLINE OF BUILDING CANOPY ON LEVEL 2. BENCHES. DECK FURNITURE. SNOW STORAGE AREA.

GENERAL

- 1. Read and interpret this drawing/ drawing set in conjunction with all the contract details and specifications... 2. The Contractor is to determine the exact location, size, material, and elevation of all existing utilities... 3. It is essential to use the plans and details in conjunction with the specifications and notes... 4. Do not scale drawings. Work to dimensions only... 5. Protect all existing and retained vegetation... 6. Reinstatement of areas and items damaged or disturbed...

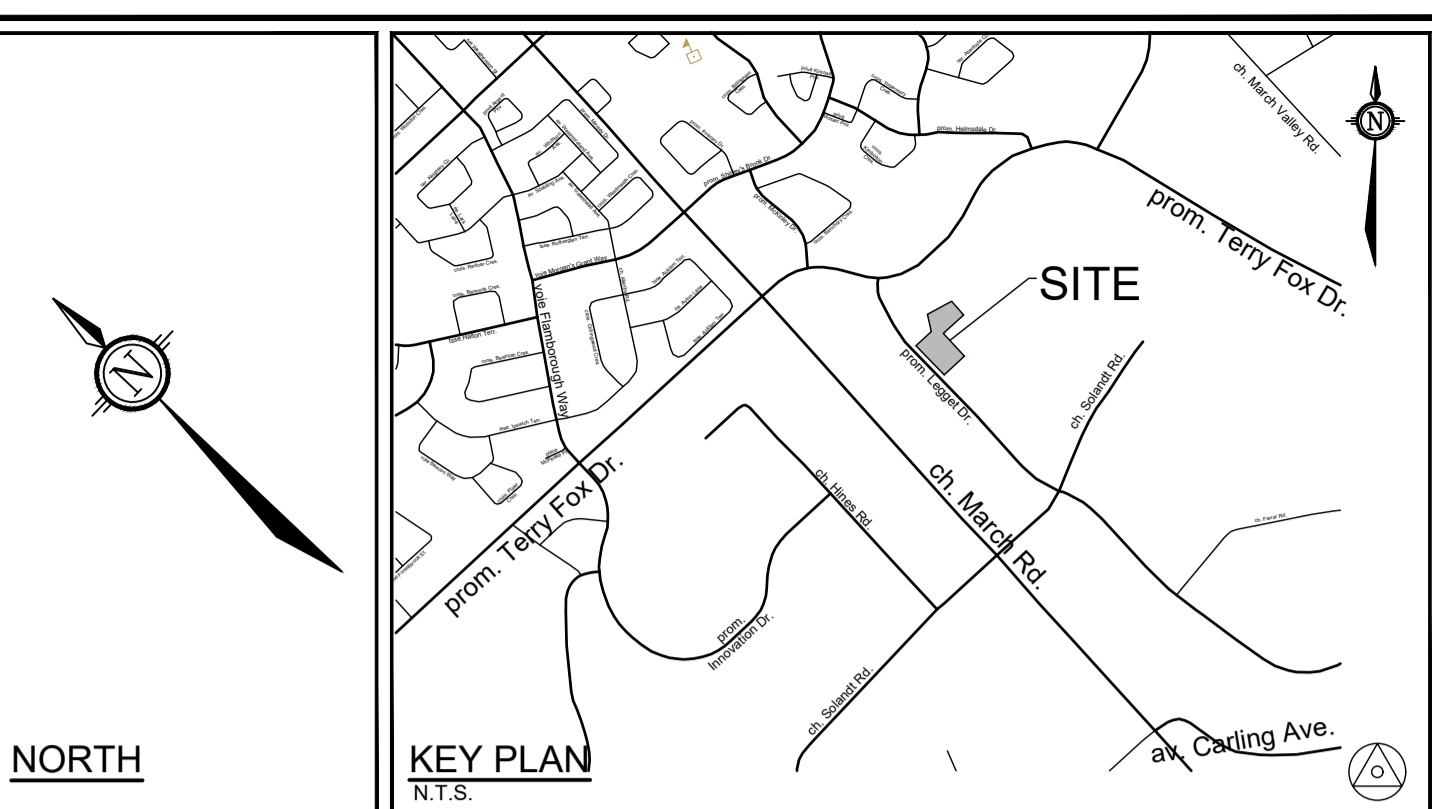
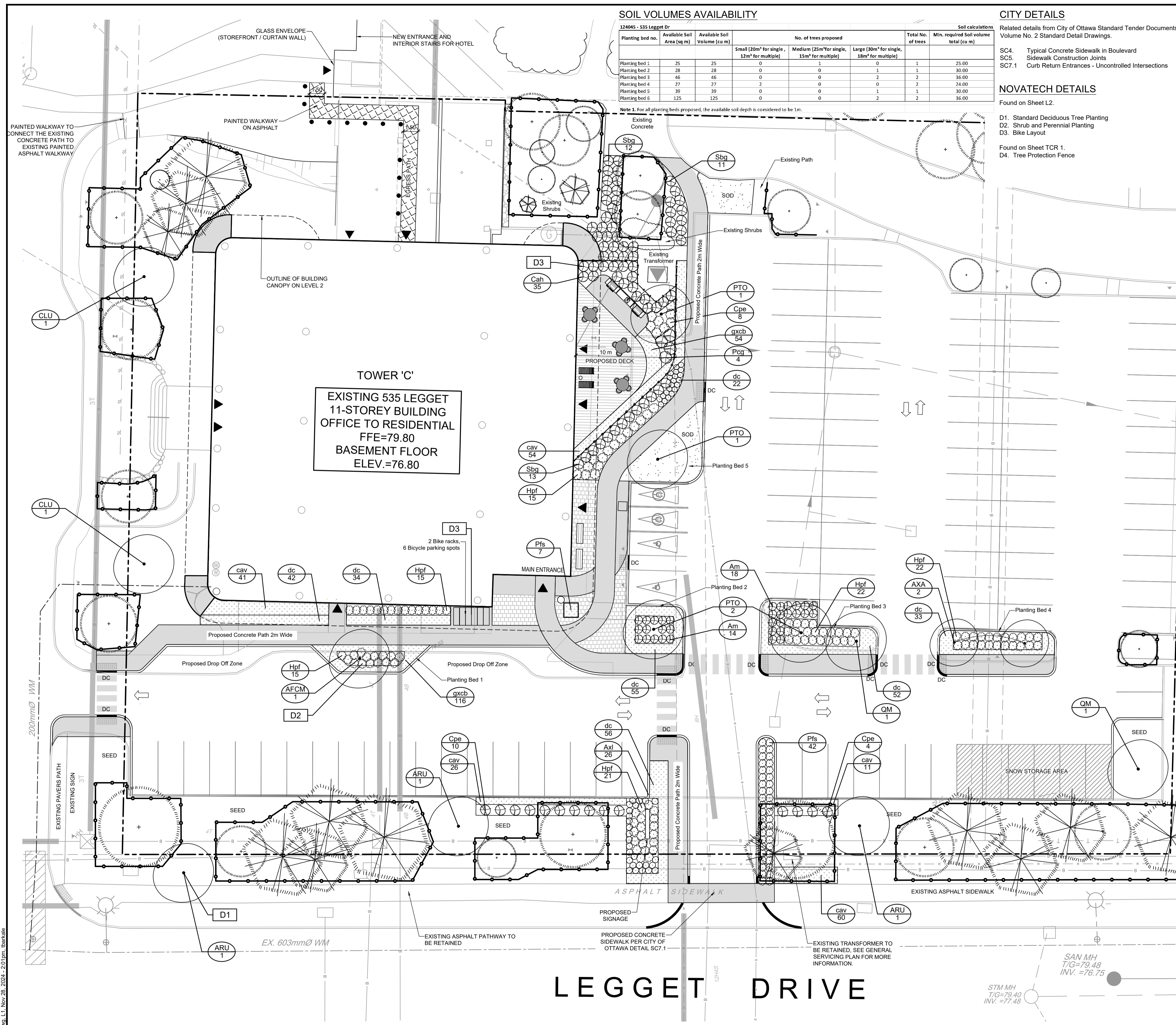
PLANTING

- 1. Plant material to be No. 1 Grade and is to comply with Canadian Standards for Nursery Stock... 2. Use structurally sound plant material with strong fibrous root system... 3. Plant material substitutions are not permitted without the written approval from the Consultant... 4. Plant locations are schematic / approximate only... 5. The illustrated number of plants shown in the Planting Plan... 6. Ensure trees are thoroughly watered following planting... 7. In heavy clay or poorly drained soils, set root ball with root collar 75-100mm higher than finished grade... 8. Approved topsoil depths are as follows... 9. Sod to be No. 1 Kentucky Bluegrass Sod... 10. Apply the following mineral fertilizer unless soil tests show other requirements... 12. 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.

PLANT LIST

Table with columns: KEY, QTY, BOTANICAL NAME, COMMON NAME, SIZE, COND, SPACING, NATIVE/NON-NATIVE, OWNER. Lists various plant species like Acer, Platanus, and various grasses.

NOTE: (L) Local region, (C) Outlier of local region plant, (P) Provincial, (E) exotic or non-native



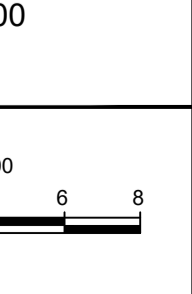
NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATER MAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS...

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

LEGGET DRIVE

Revision table with columns: No., REVISION, DATE, BY. Includes entries for RE-ISSUED FOR SITE PLAN SUBMISSION and ISSUED FOR COORDINATION.

SCALE



DESIGN

Design approval table with columns: CHECKED, DRAWN, APPROVED. Includes names like RGJ/ML, RGJ, TCB, RGJ.

FOR REVIEW ONLY



NOVATECH

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

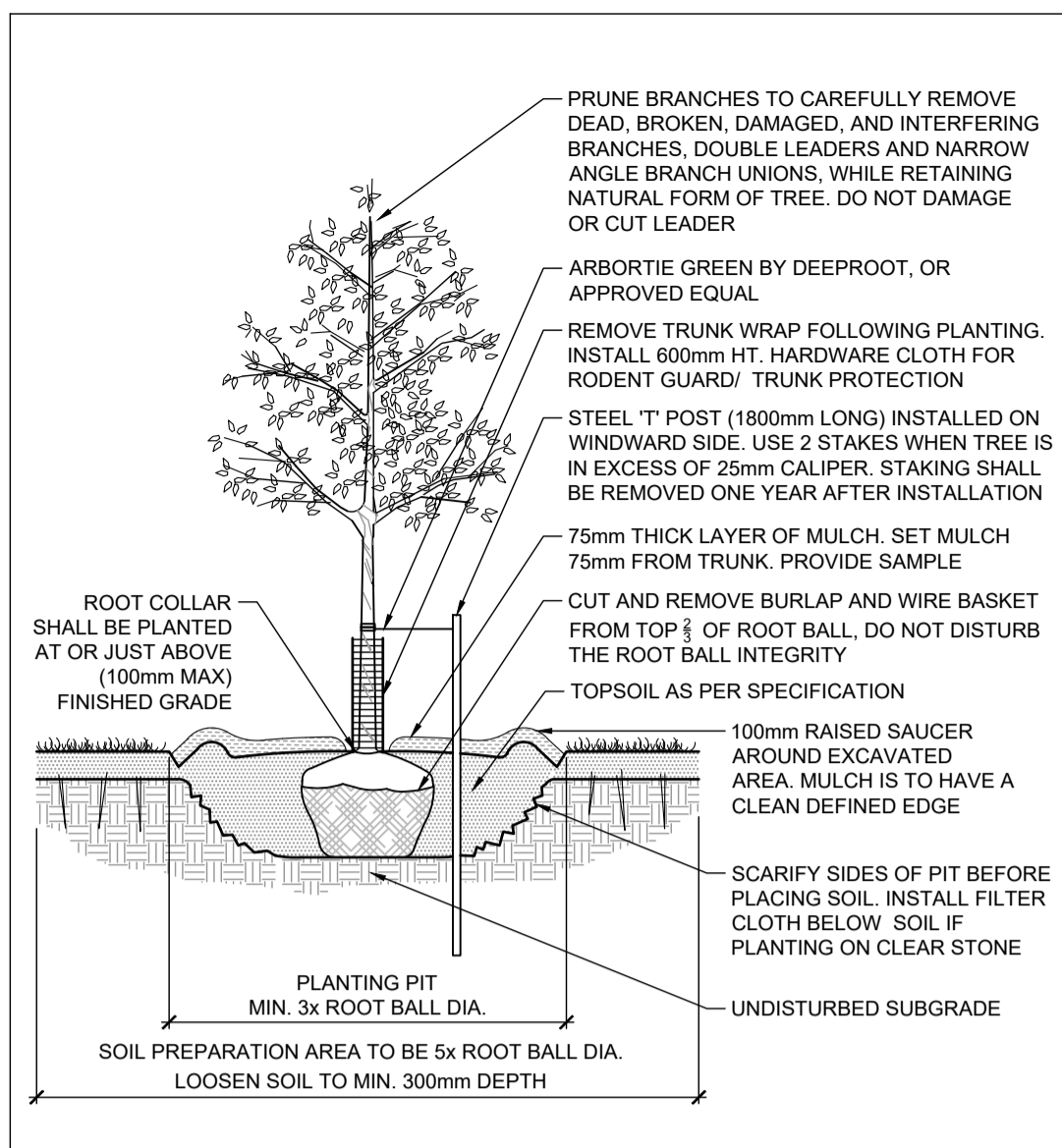
LOCATION 535 LEGGET DRIVE KANATA

Project information table including DRAWING NAME (LANDSCAPE CONCEPT PLAN), PROJECT No. (124045), REV # (4), and DRAWING No. (124045-L1).

M:\2024\124045\CADD\Landscaping\124045_L.dwg, L1, Nov 28, 2024, 2:01 pm, barakale

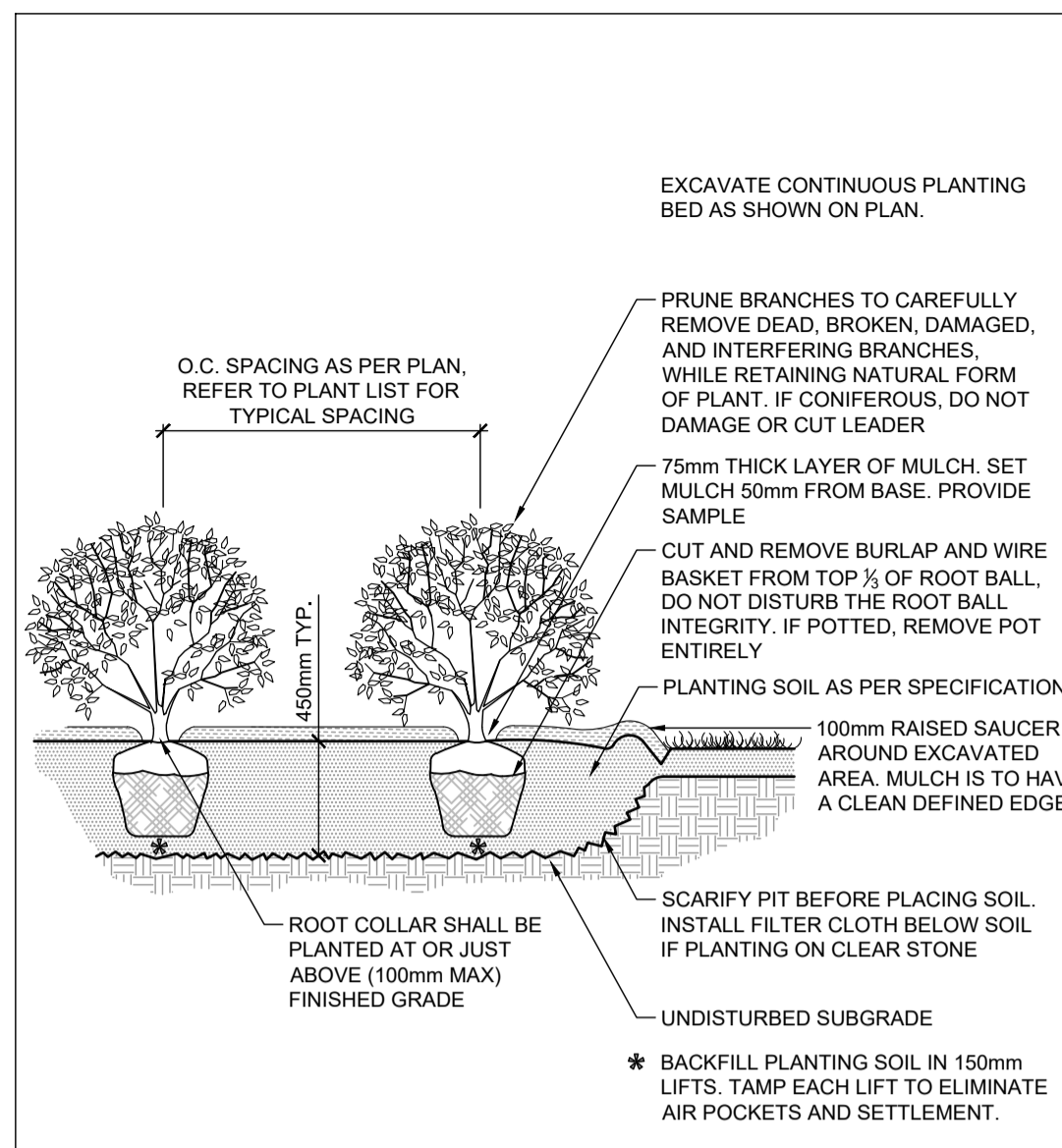
D02-02-24-0058 & D07-12-24-0123

#0000



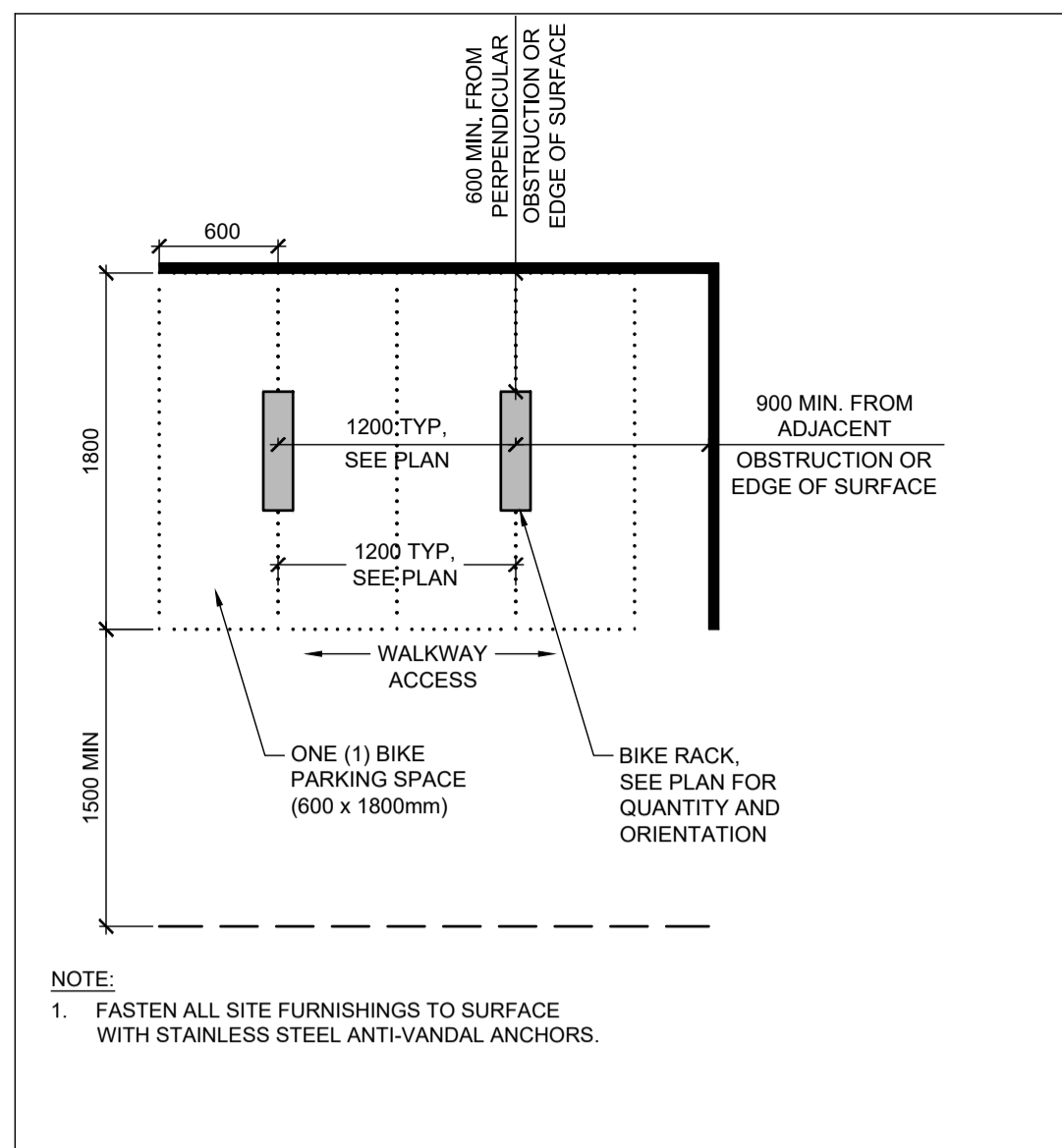
STANDARD DECIDUOUS TREE PLANTING

D1



SHRUB AND PERENNIAL PLANTING

D2



BIKE LAYOUT

D3

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 2K3
Phone: 613-591-0594

No.	REVISION	DATE	BY
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

DESIGN	SCALE
RGJ	
RGJ	
TCB	
RGJ	
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	PROJECT No. 124045
DRAWING NAME LANDSCAPE DETAILS	REV # 3
	DRAWING No. 124045-L2

M:\2024\124045\CADD\landscape\124045_L2.dwg, L2, Nov 28, 2024, 2:01pm, barakale