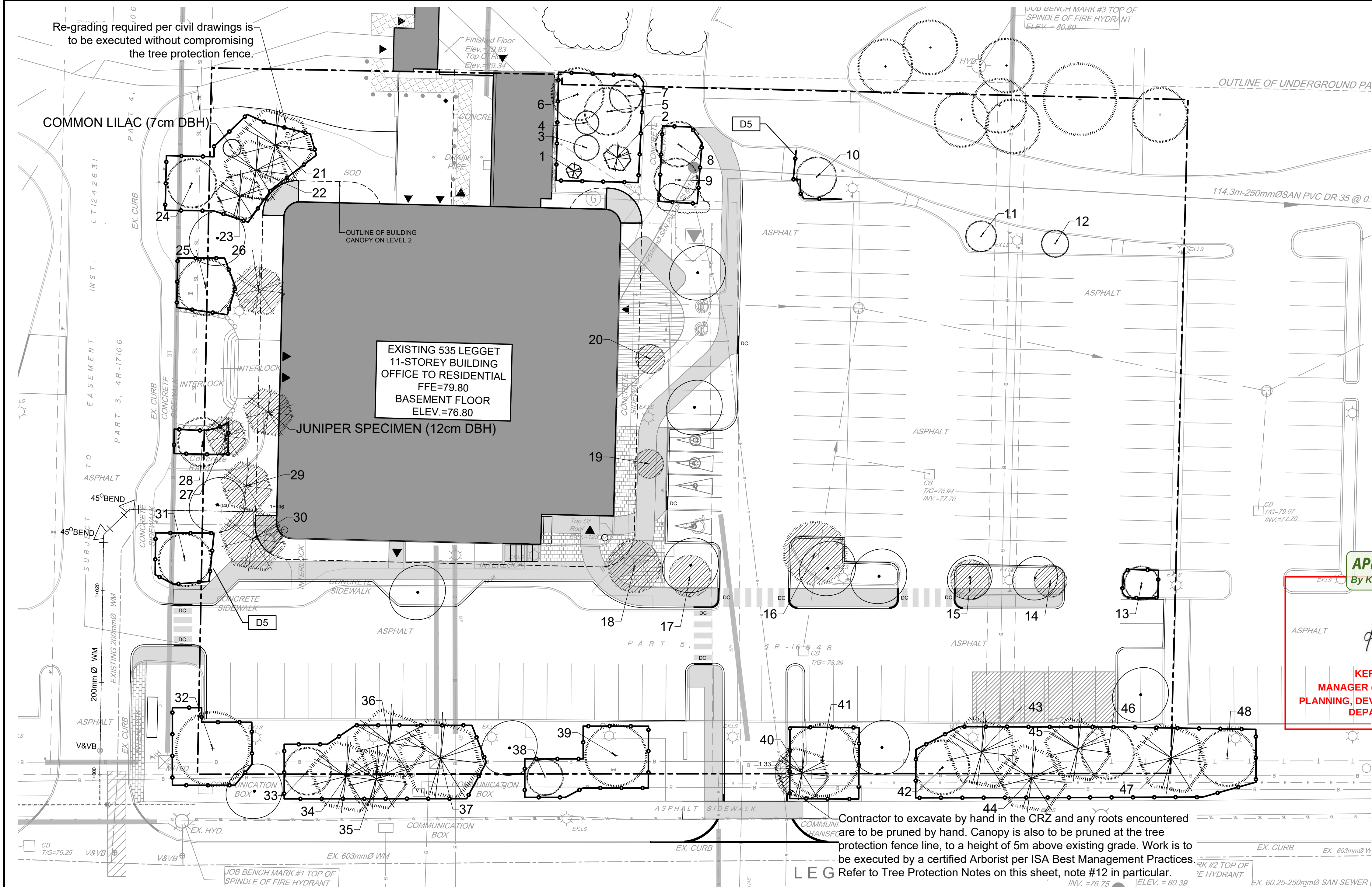


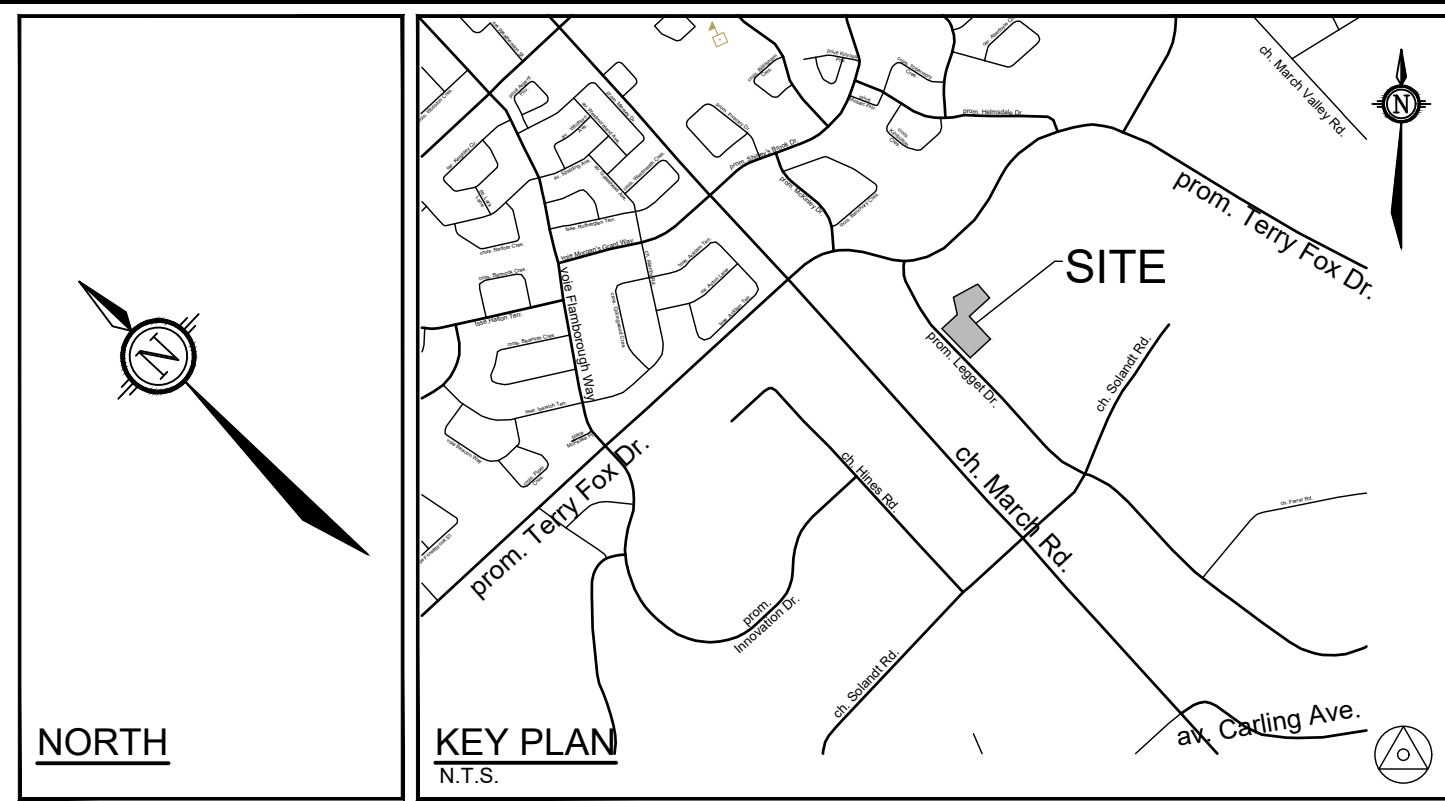


PROPOSED AND RETAINED CANOPY CALCULATIONS:

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		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 canker at 3m from base	Conflict
27	Pinus glauca	Scotch 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	Pinus 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 canker / 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	Pinus pungens	Colorado Spruce	31.0	3.10	G	Public		PROTECT
36	Thuja occidentalis	White Cedar	36.0	3.60	G	Client		PROTECT
37	Pinus 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	Pinus abies	Norway Spruce	36.0	3.60	G	Client		PROTECT
48	Acer saccharum	Sugar Maple	31.0	3.10	G	Neighbour	Original leader lost / Good vigour	PROTECT



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 Leggett 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
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

SCALE	DESIGN
1:250	MJT
	CHECKED RGJ
	DRAWN TCB / MJT
	CHECKED RGJ
	APPROVED RGJ

FOR REVIEW ONLY
NOVATECH
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Telephone (613) 254-9643 Facsimile (613) 254-5867 Website novatech-eng.com

LOCATION
535 LEGGET DRIVE KANATA
DRAWING NAME
TREE CONSERVATION PLAN - 2
PROPOSED & RETAINED CANOPY COVER INFORMATION

PROJECT No.
124045
REV
REV # 6
DRAWING No.
124045-TCR2

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PLANTING

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