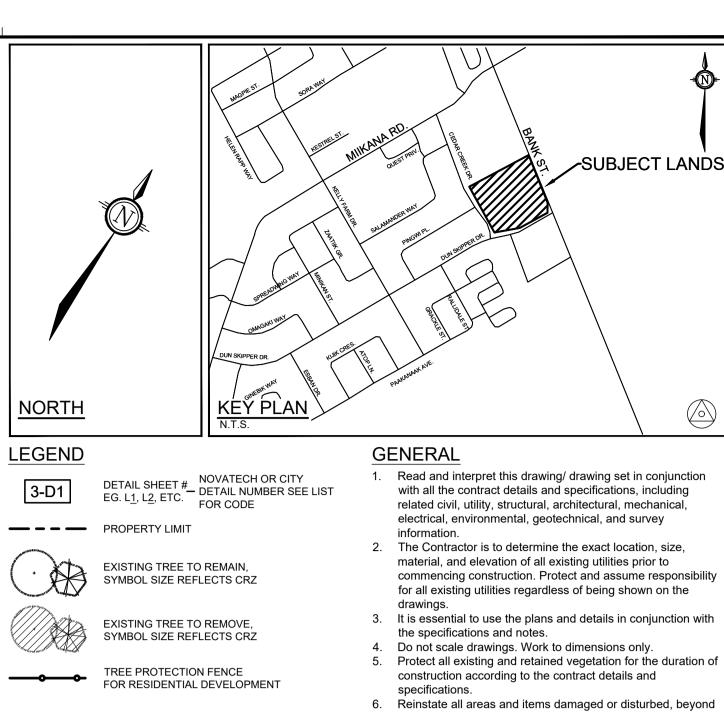


No.	Botanical Name	Common Name	DBH (cm)	CRZ (m)	Condition	Owner	Remarks	Recomm
70	Ulmus americana	White Elm	37.0	3.70	F	Owner	bow in trunk,	PROTECT
71	Acer saccharum	Sugar Maple	10.0	1.00	F	Owner	intertwined with dead tree	PROTEC
72	Acer saccharum	Sugar Maple	12.0	1.20	G	Owner		PROTEC
73	Acer saccharum	Sugar Maple	41.0	4.10	Р	Owner	Twin trunk, rot, dead tree fallen between two trunks, split trunks	Remove
74	Acer saccharum	Sugar Maple	32.0	3.20	G	Neighbour		Conflict
75	Ulmus americana	White Elm	60.0	6.00	F	Neighbour	Minor splitting	Conflict
76	Acer saccharum	Sugar Maple	37.0	3.70	G	Owner		Conflict
78	Acer saccharum	Sugar Maple	27.0	2.70	G	Owner		Conflict
79	Thuja sp.	Cedar	20.0	2.00	G	Owner		Conflict
80	Quercus rubra	Red Oak	10.0	1.00	G	City		PROTEC

PROPOSED AS PART OF COMMERCIAL DEVELOPMENT, SEE TCR FOR COMMERCIAL

Legen	a		
G	Good	Conflict	Remove due to conflict with construction.
F	Fair	Remove	Remove due to tree helath or invasive status.
Ρ	Poor	PROTECT	Protect trees as per contract details and specifications.
VP	Very Poor		

					SCALE	DESIGN	FOR REVI	EW ONLY
ent and e which o , health, will be					1:400	TCB CHECKED SC DRAWN TCB	THON OF LANDSC PS	
awing is uction.					4.400	CHECKED	APR 11, 2025	
ition is to	2.	REVISED PER CITY COMMENTS	APR 11/25	SC	1:400 0 4 8 12 16	SC	A MEMBER AN	
'	1.	ISSUED FOR SPC APPLICATION	JAN 17/25	SC		APPROVED	ANO STOR	
	No.	REVISION	DATE	BY		RGJ		



- TREE PROTECTION FENCE ____0 FOR COMMERCIAL DEVELOPMENT (BY OTHERS)
- EXISTING VEGETATION WITH DBH LESS THAN 10cm

CONSTRUCTION

- 1. All general site information and conditions are compiled from Implement the following protection measures for retained trees, Consultant field notes and plans provided by the Owner and both on site and on adjacent sites, prior to any work activity, are supplied for information purposes only. It is the responsibility of the Contractor to verify the accuracy of all the in good condition for the duration of site works:
- information obtained from this plan. 2. Together with all Subcontractors involved, the Contractor is to 1. examine all surfaces or conditions relating to the work, in order to determine the acceptability of such surfaces or conditions for the work to commence. Notify the Contract Administrator in writing of conditions which could be detrimental to installation and do not commence work until instructed by the Contract Administrator. The commencement of work implies Contractor acceptance of the conditions.
- 3. Contractor to check and report any discrepancies before commencing work. No responsibility is borne by the Consultants for subsurface conditions.
- 4. Contractor to check and verify all dimensions and quantities on site and report any errors or omissions to the Consultant.
- 5. Contractor is responsible for all fees arising from the completion of works conveyed by these drawings, details, and 5. Do not attach any signs, notices, or posters to any tree. specifications. 6. Carry out all construction in accordance with the most current
- provincial and municipal standards and specifications. Contractor to coordinate all access and protect the public and users of the site with appropriate control fence and supervision throughout the construction period, to the
- satisfaction of the Consultant. 8. Contract Administrator is to approve access point(s) prior to mobilization
- 9. A Contractor flagman is required to direct all deliveries of machinery or materials to the site.
- 10. Contractor to coordinate and schedule all work with other trades and contractors. Contractor is to notify Contract Administrator of any schedule difficulties.
- 11. Contractor responsible for the removal and off-site disposal of all materials as required to facilitate new construction. Store all items and materials identified by the Consultant for salvage at a location on site as identified by the Consultant. Excavate and remove from site any contaminated material. Dispose all contaminated material at a licensed landfill facility.
- 12. Maintain site in a clean and orderly state for the duration of construction; perform all work in accordance with the Occupational Health and Safety Act. Remove all excess materials, packaging, and debris from the site.
- 13. Contractor is responsible to take all necessary measures to control dust on the project site and to the satisfaction of the Contract Administrator. 14. Contractor is responsible for all layout for construction
- purposes.
- 15. Contractor is to protect all iron bars. Replace any disturbed bars by Owner at the Contractor expense.
- 16. The Contractor is to notify the Contract Administrator upon completion of the required works to schedule an inspection for acceptance.

CITY DETAILS

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

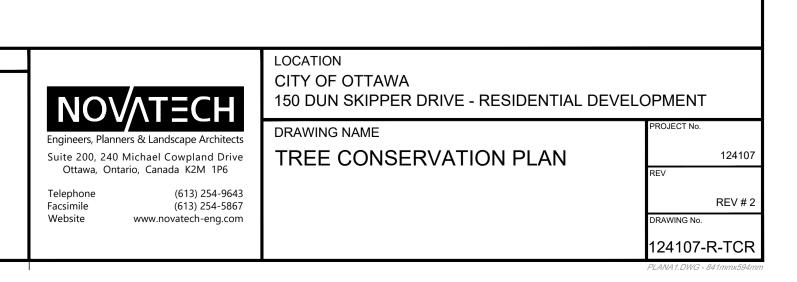
F7. Tree Preservation Protection Fence

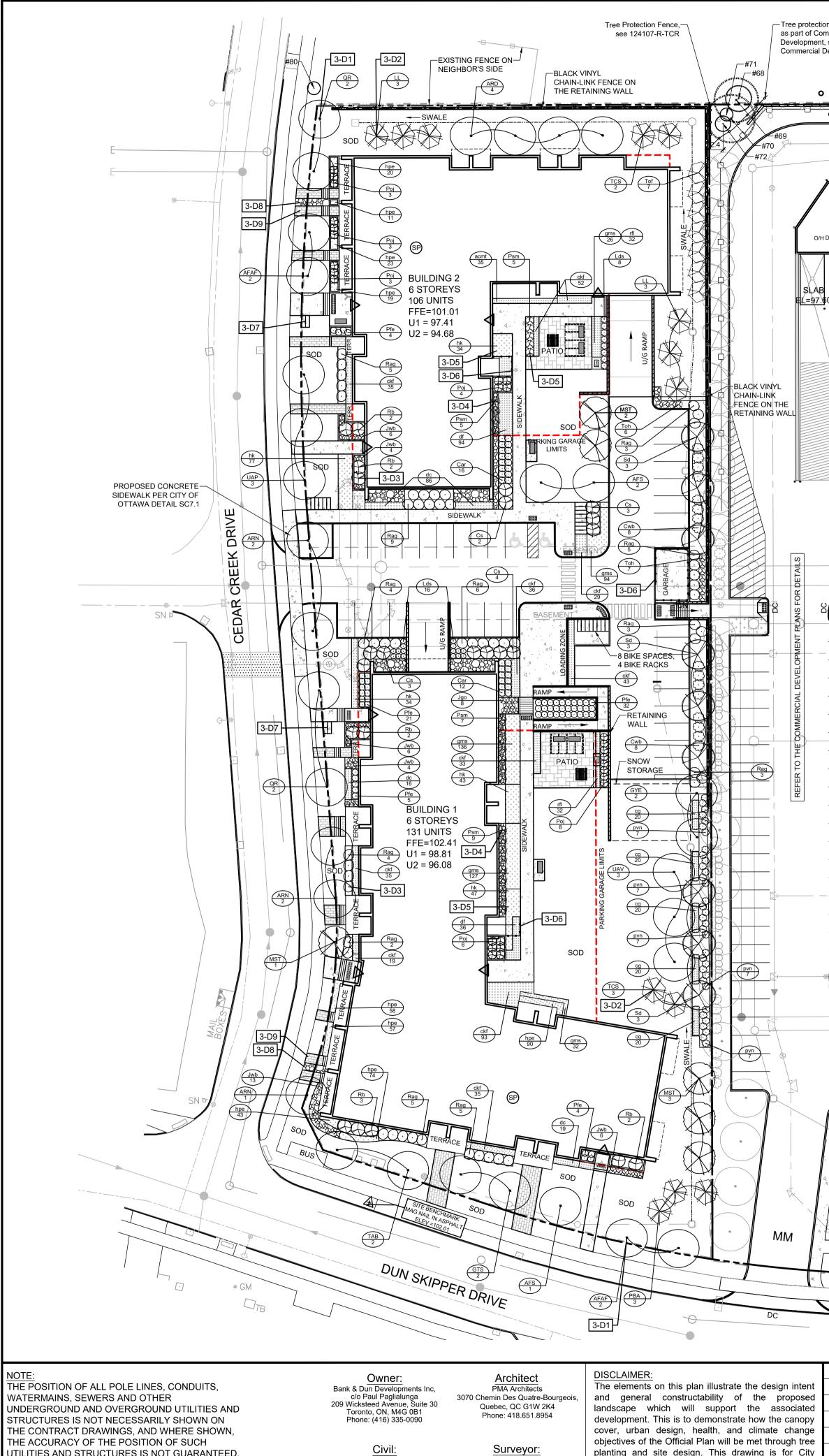
- the Limit of Work, because of construction activities, including but not limited to construction staging areas, haul roads, stockpile areas, etc. to the satisfaction of the Consultant. Unless otherwise noted, Contractor is to reinstate all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.

TREE PROTECTION

including tree removal. Maintain tree protection fence in place and

- 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.).
- 2. 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
- 3. 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.
- 4. Do not place any material or equipment within 2m of the CRZ of any tree, including outhouses.
- 6. Do not disturb, raise, or lower the existing grade within the CRZ without approval.
- 7. Only tunnel or bore when digging within the CRZ of a tree. Hand work only where requi machinery permitted.
- 8. Do not damage the root system, trunk, or branches, or any tree
- 9. Do not extend hard surface or significantly change landscaping.
- 10. 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 11. 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 around 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.
- 13. 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 14. affected by site works, to the satisfaction of the Landscape Architect. 15. 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
- 16. 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).





WATERMAINS, SEWERS AND OTHER 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.

Surveyor: J.D. Barnes Ltd. 62 Steacie Drive, Suite 103 Kanata, ON K2K 2A9 Phone: 613.731.7244

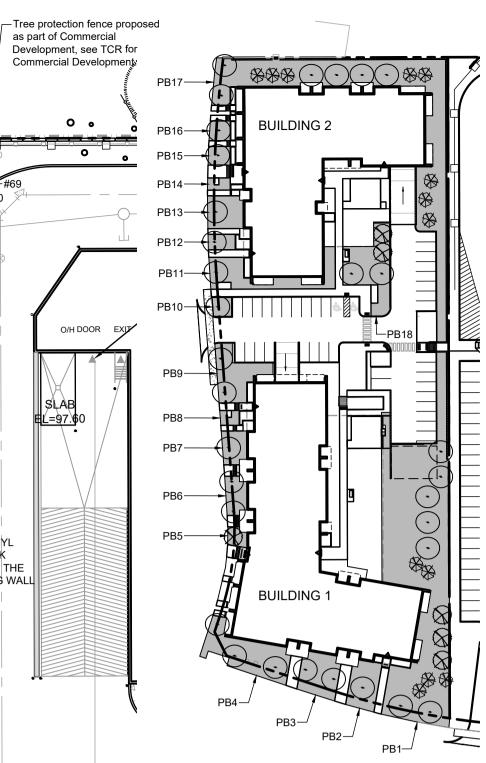
Novetech Engineers, Planners

& Landscape Architects,

240 Michael Cowpland Drive, Ottawa, ON, K2M 1P6

Phone: 613.254.9643

planting and site design. This drawing is for review only and is not intended for construction. detailed design and construction documentation be provided with certified 'Issued for Constru drawings and specifications prior to construction.



Planting bed no. Planting bed 1 Planting bed 2 Planting bed 3 Planting bed 3 Planting bed 4 Planting bed 5 Planting bed 6 Planting bed 7 Planting bed 7 Planting bed 7 Planting bed 10 Planting bed 11 Planting bed 12 Planting bed 13 Planting bed 15 Planting bed 15 Planting bed 16 Planting bed 18 Note: For all planting bef	Area (sq m) 1185.2 94.9 113.6 198.4 25.0 55.4 56.4 17.4 130.4 25.8 144.5 37.2 81.0 17.2 28.6 28.4 743.4 177.4	Available Soil Volume (cu m) 1,185.2 94.9 1113.6 198.4 25.0 55.4 25.0 55.4 156.4 17.4 130.4 25.8 144.5 37.2 81.0	Small/ Column (25m ³) 3 1	No. of tree Medium (30m ³)	Large (35m ³) 7 1 2	vergreen (30m³) 5	Total No. of trees				MIKANA RD.
Planting bed 2 Planting bed 3 Planting bed 3 Planting bed 4 Planting bed 5 Planting bed 6 Planting bed 7 Planting bed 7 Planting bed 9 Planting bed 9 Planting bed 10 Planting bed 11 Planting bed 12 Planting bed 13 Planting bed 13 Planting bed 15 Planting bed 15 Planting bed 16 Planting bed 17 Planting bed 18 Note: For all planting be	94.9 113.6 198.4 25.0 55.4 56.4 17.4 130.4 25.8 144.5 37.2 81.0 17.2 28.6 28.4 743.4 177.4	94.9 113.6 198.4 25.0 55.4 56.4 17.4 130.4 25.8 144.5 37.2	(25m³) 3		7 1 2						
Planting bed 2 Planting bed 3 Planting bed 3 Planting bed 4 Planting bed 5 Planting bed 6 Planting bed 7 Planting bed 7 Planting bed 9 Planting bed 9 Planting bed 10 Planting bed 10 Planting bed 11 Planting bed 12 Planting bed 13 Planting bed 15 Planting bed 15 Planting bed 16 Planting bed 17 Planting bed 18 Note: For all planting be	94.9 113.6 198.4 25.0 55.4 56.4 17.4 130.4 25.8 144.5 37.2 81.0 17.2 28.6 28.4 743.4 177.4	94.9 113.6 198.4 25.0 55.4 56.4 17.4 130.4 25.8 144.5 37.2		2	1 2	5					
lanting bed 3 lanting bed 4 lanting bed 5 lanting bed 6 lanting bed 7 lanting bed 7 lanting bed 9 lanting bed 10 lanting bed 11 lanting bed 12 lanting bed 13 lanting bed 14 lanting bed 15 lanting bed 16 lanting bed 17 lanting bed 18 lote: For all planting bed	198.4 25.0 55.4 56.4 17.4 130.4 25.8 144.5 37.2 81.0 17.2 28.6 28.4 743.4 177.4	198.4 25.0 55.4 56.4 17.4 130.4 25.8 144.5 37.2	1	2			15 1	395.0 35.0			A REPART
anting bed 5 anting bed 6 anting bed 7 anting bed 7 anting bed 9 anting bed 9 anting bed 10 anting bed 11 anting bed 12 anting bed 13 anting bed 14 anting bed 15 anting bed 16 anting bed 17 anting bed 18 ote: For all planting be SIZE OF T	25.0 55.4 56.4 17.4 130.4 25.8 144.5 37.2 81.0 17.2 28.6 28.4 743.4 177.4	25.0 55.4 56.4 17.4 130.4 25.8 144.5 37.2	1	2			2	60.0			B SHAMMAN
anting bed 6 anting bed 7 anting bed 7 anting bed 8 anting bed 9 anting bed 10 anting bed 11 anting bed 12 anting bed 13 anting bed 14 anting bed 15 anting bed 16 anting bed 17 anting bed 18 bte: For all planting be	56.4 17.4 130.4 25.8 144.5 37.2 81.0 17.2 28.6 28.4 743.4 177.4	56.4 17.4 130.4 25.8 144.5 37.2		2	3		3	90.0 25.0			amanner (
anting bed 8 anting bed 9 anting bed 10 anting bed 11 anting bed 12 anting bed 13 anting bed 14 anting bed 15 anting bed 16 anting bed 17 anting bed 18 ote: For all planting bed SIZE OF T	17.4 130.4 25.8 144.5 37.2 81.0 17.2 28.6 28.4 743.4 177.4	17.4 130.4 25.8 144.5 37.2					2	50.0		mentione with the with the	
anting bed 9 anting bed 10 anting bed 11 anting bed 12 anting bed 13 anting bed 14 anting bed 15 anting bed 16 anting bed 17 anting bed 17 anting bed 18 ote: For all planting be SIZE OF T	130.4 25.8 144.5 37.2 81.0 17.2 28.6 28.4 743.4 177.4	130.4 25.8 144.5 37.2			1		1 0	35.0 0.0		ST NIE	
anting bed 11 anting bed 12 anting bed 13 anting bed 14 anting bed 15 anting bed 16 anting bed 17 anting bed 17 anting bed 18 ote: For all planting be SIZE OF T	144.5 37.2 81.0 17.2 28.6 28.4 743.4 177.4	144.5 37.2		1	1		2	55.0		OMAGAN	
anting bed 12 anting bed 13 anting bed 14 anting bed 15 anting bed 16 anting bed 17 anting bed 18 ote: For all planting be SIZE OF T	37.2 81.0 17.2 28.6 28.4 743.4 177.4	37.2		1	1		1	30.0 35.0		DUN SKIPPER DR. KUM C.	Taga www.we
anting bed 14 anting bed 15 anting bed 16 anting bed 17 anting bed 18 ote: For all planting be SIZE OF T	17.2 28.6 28.4 743.4 177.4	<u> 81 0 </u>			1		1	35.0		GWEBEKNWAY IS	Physics
anting bed 15 anting bed 16 anting bed 17 anting bed 18 ote: For all planting be SIZE OF T	28.6 28.4 743.4 177.4	17.2			1		1	35.0 0.0	<u>NORTH</u>	KEY PLAN	\backslash
anting bed 17 anting bed 18 ote: For all planting be SIZE OF T	743.4 177.4	28.6		1			1	30.0			GENERAL
anting bed 18 ote: For all planting be SIZE OF T	177.4	28.4 743.4			<u> </u>	8	1 14	35.0 380.0	LEGEND	DETAIL SUFET # NOVATECH OR CITY	 GENERAL Read and interpret this drawing/ drawing set in conjunction
SIZE OF T	eds proposed	177.4	2	2	0	0	4	90.0	3-D1	DETAIL SHEET # DETAIL NUMBER SEE LIST EG. L1, L2, ETC. FOR CODE	with all the contract details and specifications, including related civil, utility, structural, architectural, mechanical,
		, the available so	oil depth is c	considered t	o be 1m.					PROPERTY LIMIT	electrical, environmental, geotechnical, and survey
	ESTIN/	IATED CA		Ονέρα	GEATN						information. 2. The Contractor is to determine the exact location, size,
			SE MATURE		COVERAGE			TOTAL CANOPY	D D D D	PROPOSED CONCRETE	material, and elevation of all existing utilities prior to commencing construction. Protect and assume responsibilit
		SP	READ		REE (m2)		REES	COVERAGE (m2)		PAVERS TYPE 1	for all existing utilities regardless of being shown on the drawings.
eciduous - Small/Col eciduous - Medium (•		7m 10m		38 79		5 5	190 393			It is essential to use the plans and details in conjunction with the specifications and notes.
ciduous - Large (14r			15m		177		27	4771		PAVERS TYPE 2	 Do not scale drawings. Work to dimensions only. Protect all existing and retained vegetation for the duration of the
niferous			5m		20		13	255		RIVER STONE	construction according to the contract details and specifications.
ROPOSED TOTAL CAN	NOPY COVER	AGE (m2):						5609			6. Reinstate all areas and items damaged or disturbed, beyond
) TAL SITE AREA (m2)								10,010	(\cdot)	PROPOSED DECIDUOUS TREE	the Limit of Work, because of construction activities, includir but not limited to construction staging areas, haul roads, stockpile areas, etc. to the satisfaction of the Consultant.
								56%		PROPOSED CONIFEROUS TREE	Unless otherwise noted, Contractor is to reinstate all areas t pre-construction condition or better to the satisfaction of the
T. CANOPY COVERA ea of a circle = (r x r								30%			Contract Administrator. PLANTING
									+ + + + + + + + + + + + + + + + + + +	PERENNIALS	 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
									X X X X X X X X X X X X X X X X X X X	ORNAMENTAL GRASSES	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 a
									KEY	- SPECIES (SEE PLANT LIST)	source prior to digging. All trees and shrubs to be contained grown, potted, W/B or B/B, as indicated on Plant List. Bare root plants are only acceptable for certain species and as
										– QUANTITY	approved by the Landscape Architect.
										RETAINING WALLS	 Plant material substitutions are not be permitted without the written approval from the Consultant, with 48 hours notice
											prior to shipping plant material.Plant locations are schematic / approximate only. Contractor
1E	SIZE	COND SPACIN	STATUS	_						LANDSCAPE PLANTER WALLS	 is to stake out locations on site for approval by the Landscape Architect prior to installation. 5. The illustrated number of plants shown in the Planting Plan
Maple bapple	50mm Cal 50mm Cal 50mm Cal	WB As Show WB As Show WB As Show	n Nativar	_					-00	PROPOSED WOOD PRIVACY FENCE	supersedes the estimated number in the Plant List. Contractor to report any discrepancies to the Landscape Architect prior to installation. Contractor will assume full
	50mm Cal	WB As Show							xxx	PROPOSED CHAIN LINK FENCE	responsibility if the Landscape Architect is not notified.6. Ensure trees are thoroughly watered following planting. Monitor material and ensure adequate moisture until
	200cm Ht 200cm Ht	WB As Show WB As Show	n Native						- 	TREE PROTECTION FENCE, SEE 124107-R-TCR	acceptance. 7. In heavy clay or poorly drained soils, set root ball with root collar 75-100mm higher than finished grade.
:k	200cm Ht	WB As Show		_					<u>000_</u>	TREE PROTECTION FENCE FOR COMMERCIAL DEVELOPMENT (BY OTHERS	 8. Approved topsoil depths are as follows: a. Plant Beds - 450mm continuous depth. Applies to
d Maple d Maple v Maple	50mm Cal 50mm Cal 50mm Cal	WB As Show WB As Show WB As Show	n Nativar	_						BIKE RACKS, SEE DETAIL D6	 shrubs, perennials, vines, and groundcovers. b. Sod/ Seed Areas - 100mm depth.
iple loneylocust	50mm Cal	WB As Show WB As Show WB As Show	n Nativar	-						PICNIC BENCH	 c. Reforestation - 300mm depth. 9. Sod to be No. 1 Kentucky Bluegrass Sod grown from minimum mixture of 3 Kentucky Bluegrass cultivars. Quality
ucky Coffee Tree (Male) abapple	50mm Cal 50mm Cal	WB As Show WB As Show	n Nativar	-						SEATING	and source are to comply with Canadian Standards for Nursery Stock, Section 17, (latest edition) published by the
en	50mm Cal	WB As Show WB As Show		-					A BBQ	BBQ ON CONCRETE PAD	Canadian Nursery Landscape Nursery Landscape Association.
m	50mm Cal	WB As Show WB As Show	n Nativar	-						BUILDING LINE	10. Apply the following mineral fertilizer unless soil tests show other requirements:
gho Pine	3g	PT As Show		-							a. Plant Beds - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash per manufacturer specifications.
er	30cm Spr 80cm3g	PT As Show As Show	n Nativar	-						OVERHANG	 b. Sod Areas - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash at a rate of 350kg/ha. 12. Where applicable, for any plant areas with a mix of species.
	175cm Ht	PT As Show								LIMIT OF UNDERGROUND GARAGE	cultivars notes, Contractor is to cluster like plants in groups 3-5 and evenly distribute these in the noted area.
ar	50cm Ht 60cm Ht	PT 80cm O. PT 200cm O		PRO	DUCT IN	ORM	ATION		RAISED P	LANTERS	CITY DETAILS
nmersw.eet v ood	60cm Ht	PT 140cmO	.C Nativar								
nmersw eet v ood bogw ood	20	PT As Show	n Nativar		oducts as per	manufactu	rer specific	ations. Shop drawings	•	n raised planters on a bed of heavily compacted	
nmersw eet	2g 60cm Ht 40cm Ht	PT As Show PT 100cm O PT As Show	.C Nativar	required		manufactu	rer specific	ations. Shop drawings	growing me	n raised planters on a bed of heavily compacted dium, at the bottom, to eliminate settlement. und the root ball with growing medium in 150mm	Related details from City of Ottawa Standard Tender Documents Volume No. 2 Standard Detail Drawings.

SOIL AVAILA			NS ·								$ / / \rangle$	LUL I
	Available Soil					To	tal No.	Min. required Soil			Moone ST. SORINAY	
Planting bed no.	1 1	Volume (cu m)	Small/	No. of tree	s proposed			volume total (cum)			The second second	NARD B
			Column	Medium (30m³)	Large I (35m³)	Evergreen (30m³)					Line Mil	
Planting bed 1	1185.2	1,185.2	(25m³) 3		7	5	15	395.0				
Planting bed 2 Planting bed 3	94.9 113.6	94.9 113.6			1 2		1 2	35.0 60.0			Transmission of the second sec	Summer way
Planting bed 4	198.4	198.4			3		3	90.0				Printer Dun Storman Printer Dun Storman Printer
Planting bed 5 Planting bed 6	25.0 55.4	25.0 55.4	1	2			1 2	25.0 50.0			MAN III	1 L G L I
Planting bed 7 Planting bed 8	56.4 17.4	56.4 17.4			1		1	35.0 0.0			SPREAL IZ	
Planting bed 9	130.4	130.4		1	1		2	55.0			ONAGANIWAS	
Planting bed 10 Planting bed 11	25.8 144.5	25.8 144.5		1	1		1 1	<u> </u>			DUN SKIPPER DR. KUM CON	20 Je www.we
Planting bed 12	37.2	37.2			1		1	35.0				PRAN
Planting bed 13 Planting bed 14	81.0 17.2	81.0 17.2			1		0	35.0 0.0	NORTH		KEŸ PLAN	
Planting bed 15 Planting bed 16	28.6 28.4	28.6 28.4		1	1		1	<u> </u>	LEGEND			GENERAL
Planting bed 17	743.4	743.4			6	8	14	380.0	3-D1	DETAIL SHEET #_	NOVATECH OR CITY DETAIL NUMBER SEE LIST	 Read and interpret this drawing/ drawing set in conjunction with all the contract details and specifications, including
Planting bed 18 Note: For all planting	177.4 g beds proposed,	177.4 the available s	2 oil depth is c	2 considered t	to be 1 m.		4	90.0	3-01	EG. L <u>1</u> , L <u>2</u> , ETC.	FOR CODE	related civil, utility, structural, architectural, mechanical, electrical, environmental, geotechnical, and survey
					· · · · · ·					PROPERTY LIMIT		information. 2. The Contractor is to determine the exact location, size,
	ESTIM	ATED CA							P	PROPOSED CONC	RETE	material, and elevation of all existing utilities prior to commencing construction. Protect and assume responsibility
SIZE C	F TREE		GE MATURE PREAD		REE (m2)	PER QUANTI TREE		TOTAL CANOPY COVERAGE (m2)		PAVERS TYPE 1		for all existing utilities regardless of being shown on the drawings.
Deciduous - Small/ Deciduous - Mediu	•		7m 10m		38 79	5		190 393				 It is essential to use the plans and details in conjunction with the specifications and notes.
Deciduous - Neuru Deciduous - Large (15m		177	27		4771		PAVERS TYPE 2		 Do not scale drawings. Work to dimensions only. Protect all existing and retained vegetation for the duration of
Coniferous			5m		20	13		255		RIVER STONE		construction according to the contract details and specifications.
PROPOSED TOTAL C	ANOPY COVERA	AGE (m2):						5609	\bigcirc			6. Reinstate all areas and items damaged or disturbed, beyond the Limit of Work, because of construction activities, including
TOTAL SITE AREA (n	n2):							10,010	$\cdot \mathbf{O}$	PROPOSED DECID	UOUS TREE	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
EST. CANOPY COVE	RAGE (%):							56%		PROPOSED CONIF	EROUS TREE	pre-construction condition or better to the satisfaction of the Contract Administrator.
Area of a circle = $(r$			- 4	-1 (2) (PROPOSED SHRU	38	PLANTING
Canopy coverage p	er tree calculatio	on: (average m	ature sprea	d/2) x (ave	rage mature s	spread/2) x π			\$C\$T			 Plant material to be No. 1 Grade and is to comply with
									+ + + + + + + + + + + + + + + + + + +	PERENNIALS		Canadian Standards for Nursery Stock (latest edition) published by the Canadian Nursery Landscape Association.
										ORNAMENTAL GR/	ASSES	2. 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
									KEY	(SEE PLANT LIST)		grown, potted, W/B or B/B, as indicated on Plant List. Bare root plants are only acceptable for certain species and as
										- QUANTITY		approved by the Landscape Architect.3. Plant material substitutions are not be permitted without the
										RETAINING WALLS	i	written approval from the Consultant, with 48 hours notice, prior to shipping plant material.
AME	SIZE			7								4. Plant locations are schematic / approximate only. Contractor is to stake out locations on site for approval by the
			STATUS	_						LANDSCAPE PLAN	TER WALLS	Landscape Architect prior to installation.5. The illustrated number of plants shown in the Planting Plan
Red Maple Crabapple	50mm Cal 50mm Cal	WB As Show WB As Show		_					-00	PROPOSED WOOD	PRIVACY FENCE	supersedes the estimated number in the Plant List. Contractor to report any discrepancies to the Landscape
n	50mm Cal 50mm Cal	WB As Show WB As Show		_					<u> </u>	PROPOSED CHAIN		Architect prior to installation. Contractor will assume full responsibility if the Landscape Architect is not notified.6. Ensure trees are thoroughly watered following planting.
	200	VAD As Obser	NI-tion							TREE PROTECTIO		Monitor material and ensure adequate moisture until acceptance.
	200cm Ht 200cm Ht	WB As Show WB As Show		_						SEE 124107-R-TCR	N FENCE,	 In heavy clay or poorly drained soils, set root ball with root collar 75-100mm higher than finished grade.
nlock	200cm Ht	WB As Show	/n Native	_					ooo	TREE PROTECTIO	N FENCE . DEVELOPMENT (BY OTHERS)	 Approved topsoil depths are as follows: a. Plant Beds - 450mm continuous depth. Applies to
Red Maple Red Maple	50mm Cal 50mm Cal	WB As Show WB As Show								BIKE RACKS, SEE	DETAIL D6	shrubs, perennials, vines, and groundcovers. b. Sod/ Seed Areas - 100mm depth.
tasy Maple Maple	50mm Cal 50mm Cal	WB As Show WB As Show										c. Reforestation - 300mm depth.
r Honeylocust	50mm Cal	WB As Show	/n Nativar	-						PICNIC BENCH		 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
entucky Coffee Tree (Male Crabapple	50mm Cal	WB As Show WB As Show	/n Nativar	_						SEATING		and source are to comply with Canadian Standards for Nursery Stock, Section 17, (latest edition) published by the Canadian Nursery Landscape Nursery Landscape
inden	50mm Cal 50mm Cal	WB As Show WB As Show							ВВО	BBQ ON CONCRET	E PAD	Association.
e Elm n	50mm Cal 50mm Cal	WB As Show WB As Show		-						BUILDING LINE		10. Apply the following mineral fertilizer unless soil tests show other requirements:
Mugho Pine	3g	PT As Show										a. Plant Beds - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash per manufacturer specifications.
niper	30cm Spr	PT As Show	/n Nativar	_						OVERHANG		b. Sod Areas - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash at a rate of 350kg/ha.
edar edar	80cm3g 175cm Ht	As Show PT As Show		-						LIMIT OF UNDERG	ROUND GARAGE	 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.
Summersweet	50cm Ht	PT 80cm O			ייאי דייור							
ogw ood ty Dogw ood	60cm Ht 60cm Ht	PT 200cm C PT 140cm C	0.C Nativar					ations. Shop drawings	RAISED P		a had of hosvily compared	CITY DETAILS Related details from City of Ottawa Standard Tender Documents
carlet Honeysuckle ee Ninebark	2g 60cm Ht	PT As Show PT 100cm C		required		manuracturer	Specifica	adona. Onop urawings	growing me	dium, at the bottom	a bed of heavily compacted , to eliminate settlement.	Volume No. 2 Standard Detail Drawings.
ima Potentilla agrant Sumac	40cm Ht 60cm Ht	PT As Show PT As Show				ive edge restra	aint		lifts. Tamp		n growing medium in 150mm o eliminate air pockets or	SC4. Typical Concrete Sidewalk in Boulevard SC5. Sidewalk Construction Joints
	60om Ht				u 60 Smooth k		ann.		settlement.			

SOIL VOLUME FIGU	RE
NOT TO SCALE	

PLANT LIST

ARN	s Tre						STATUS	
		es (Right of Way)						
MST 1 Malus 'Sugar Tyme'		Acer rubrum 'Northwood'	Northw ood Red Maple	50mm Cal	WB	As Show n	Nativar	
		Malus 'Sugar Tyme'	Sugar Tyme Crabapple	50mm Cal	WB	As Show n	Nativar	
QR	2	Quercus rubra	Red Oak	50mm Cal	WB	As Show n	Native	
UAP	2	Ulmus americana 'Princeton'	Princeton Elm	50mm Cal	WB	As Shown	Nativar	
Coniferou	us Tre	ees						
LL	6	Larix Iaricina	Tamarack	200cm Ht	WB	As Show n	Native	
PBA	3	Pinus banksiana	Jack Pine	200cm Ht	WB	As Show n	Native	
TCS	4	Tsuga canadensis	Eastern Hemlock	200cm Ht	WB	As Show n	Native	
eciduou	is Tre	es						
ARD	4	Acer rubrum 'Red Rocket'	Red Rocket Red Maple	50mm Cal	WB	As Show n	Nativar	
ARN	1	Acer rubrum 'Northwood'	Northw ood Red Maple	50mm Cal	WB	As Show n	Nativar	
AFAF	4	Acer x freemanii 'Autumn Fantasy'	Autumn Fantasy Maple	50mm Cal	WB	As Show n	Nativar	
AFS	3	Acer x freemanii 'Sienna'	Sienna Glen Maple	50mm Cal	WB	As Show n	Nativar	
GTS	2	Gleditsia triacanthos var.inermis 'Shademaster'	Shademaster Honeylocust	50mm Cal	WB	As Show n	Nativar	
GYE	2	Gymnocladus dioicus 'Espresso-JFS'	Espresso Kentucky Coffee Tree (Male)	50mm Cal	WB	As Show n	Nativar	
MST	4	Malus 'Sugar Tyme'	Sugar Tyme Crabapple	50mm Cal	WB	As Show n	Nativar	
QR	2	Quercus rubra	Red Oak	50mm Cal	WB	As Show n	Native	
TAB	2	Tilia americana 'Boulevard'	Boulevard Linden	50mm Cal	WB	As Show n	Nativar	
UAV	3	Ulmus americana 'Valley Forge'	Valley Forge Elm	50mm Cal	WB	As Show n	Nativar	
UAP	1	Ulmus americana 'Princeton'	Princeton Elm	50mm Cal	WB	As Show n	Nativar	
oniferou	us Sh	rubs						
Psm	26	Pinus mugo 'Slowmound'	Slow mound Mugho Pine	Зg	PT	As Show n	Nativar	
Jwb	41	Juniperus horizontalis 'Wiltonii'	Blue Rug Juniper	30cm Spr	PT	As Show n	Nativar	
Tof	7	Thuja occidentalis 'Fastigiata'	Pyramidal Cedar	80cm3g		As Show n	Nativar	
Гoh	13	Thuja occidentalis 'Holmstrup'	Holmstrup Cedar	175cm Ht	PT	As Show n	Nativar	
eciduou	is Shr	ubs						
Car	28	Clethra alnifolia 'Ruby Spice'	Ruby Spice Summersweet	50cm Ht	PT	80cm O.C	Nativar	
Cs	12	Cornus sericea	Red Osier Dogw ood	60cm Ht	PT	200cm O.C	Native	PRODUCT INFORMATION
Cwb	16	Cornus sanguinea 'Winter Beauty'	Winter Beauty Dogwood	60cm Ht	PT	140cm O.C	Nativar	
Lds	24	Lonicera x brownii 'Dropmore Scarlet'	Dropmore Scarlet Honeysuckle	2g	PT	As Show n	Nativar	Install products as per manufacturer specific
Poj	27	Physocarpus opulifolius 'JEFAM'	Amber Jubilee Ninebark	60cm Ht	РТ	100cm O.C	Nativar	required.
Pfe	68	Potentilla fruticosa 'Bella Bellissima' (HACHLISS)	Bella Bellissima Potentilla	40cm Ht	РТ	As Show n	Non-native	PAVER TYPE 1
Rag	54	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	60cm Ht	PT	As Show n	Nativar	Edge of pavers to receive edge restraint.
Rb	11	Rosa blanda	Meadow Rose	60cm Ht	PT	As Show n	Native	Blu 60 Smooth by Techo-bloc
Sd	5	Salix discolor	Pussy Willow	60cm Ht	PT	As Show n	Native	Location: Patio Pavers
Perennial	ls					`		Size: 60mm HD ² - All sizes
acmt	35	Achillea millefolium 'Terra Cotta'	Terra Cotta Yarrow	1g	PT	50cm O.C		Pattern: Modular Pattern 01
gms -	415	Geranium macrorrhizum 'Spessart'	Spessart Cranesbill	9cm	PT	45cm O.C	Nativar	Colour: Greyed Nickel
hk :	235	Hypericum kalmianum	St. John's Wort/Pot Of Gold	Зg	PT	60cm O.C	Native	PAVER TYPE 2
hpe 🗧	395	Heuchera micrantha 'Palace Purple'	Palace Purple Coral Bells	1g	PT	30cm O.C	Non-native	Edge of pavers to receive edge restraint.
rfl	64	Rudbeckia fulgida 'Little Goldstar'	Little Goldstar Black-Eyed Susan	1g	PT	40cm O.C	Nativar	Westmount by Techo-Bloc
Drnamen	tal Gr	asses						Location: Walkway Pavers
ckf	410	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1g	PT	50cm O.C	Non-native	Pattern:Linear Pattern
cg	100	Carex grayi	Morning Star Sedge	1g	PT	50cm O.C	Native	Colour: Shale Grey
	121	Deschampsia cespitosa	Tufted Hair Grass	1g	PT	60cm O.C	Native	PLANTER WALLS - TBD
dc		Deschampsia flexuosa	Wavy Hair Grass	1g	РТ	50cm O.C	Native	FLANTER WALLS - IDU
	130	Deschampsia nexuosa	riary rain eraso	1 '9				

 Proposed Planting: Ownership	Total
Private	41
City-Owned	9

Fasten all site furnishing to surface with stainless steel anti-vandal
anchors.
 200 Bike Racks by Maglin
Product Number: MBR-0200-00005
Mounting Type: Surface Mount
Colour: Powdercoat Saffron Yellow RAL1017

					SCALE	DESIGN	FOR REVIEW ONLY
gn intent proposed sociated canopy change ough tree					1:400	TCB CHECKED SC DRAWN TCB	U O' D' THE P
for City	3.	REVISED AS PER CITY COMMENTS	APR 11/25	SC		CHECKED	APR 11, 2025
on. Final tion is to	2.	ISSUED FOR SPC APPLICATION	JAN 17/25	SC	1:400 0 4 8 12 16	SC	Wer to Still
struction'	1.	ISSUED FOR COORDINATION	JAN 13/25	SC		APPROVED	NO SLOT
on.	No.	REVISION	DATE	BY		RGJ	

- settlement.
- 3. Growing medium to be:
- a. 6 parts good quality topsoil b. 2 parts well rotted horse or cow manure
- c. 1 part peat moss
- d. 1 lb. bonemeal per cubic yard soil
- 4. Cover top of the planter surface with 75mm of shredded bark mulch.

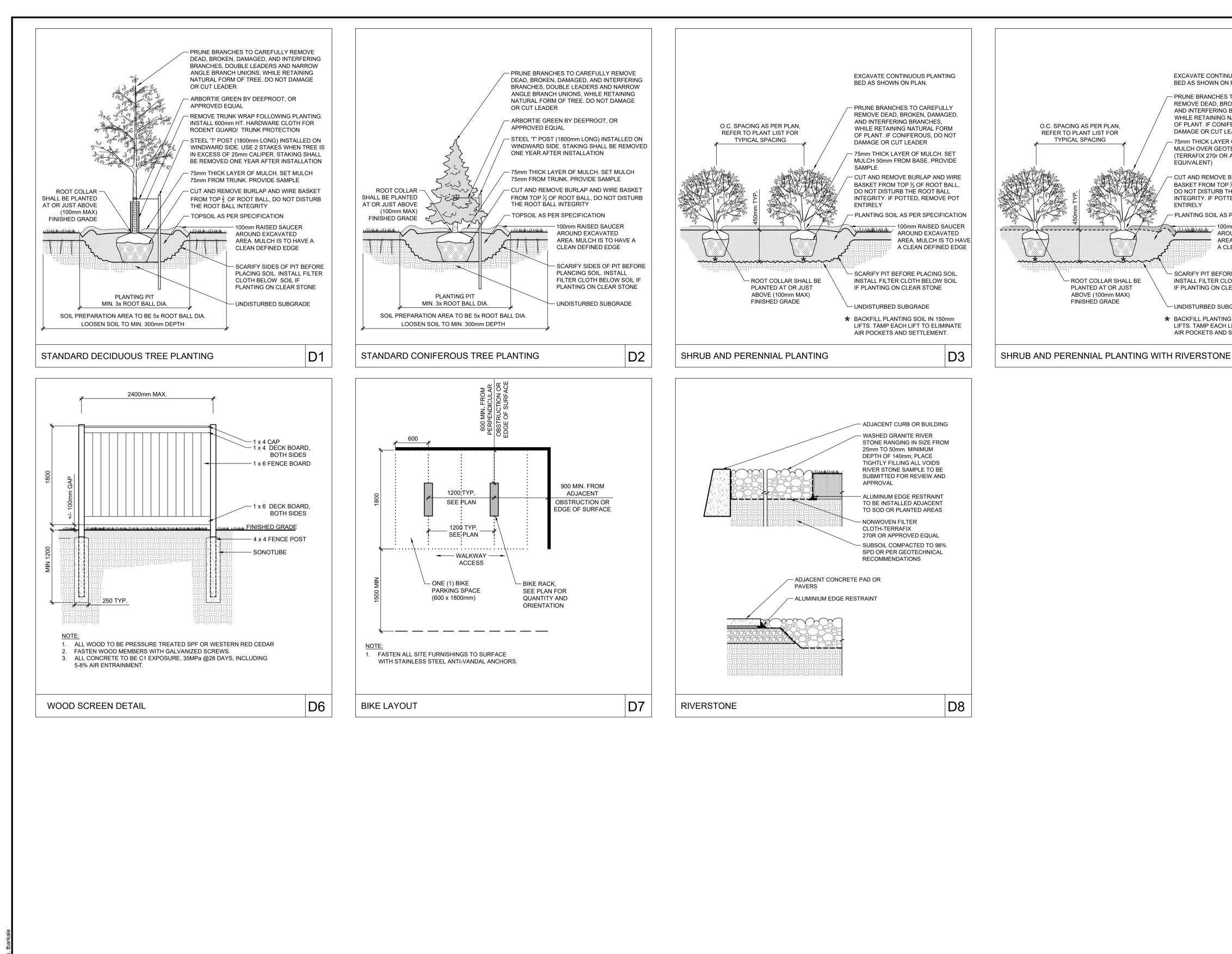
NOVATECH DETAILS

- D1. Standard Deciduous Tree Planting D2. Standard Coniferous Tree Planting
- D3. Shrub and Perennial Planting D4. Shrub and Perennial Planting with Granular
- D5. Shrub and Perennial Planting on slab
- D6. Wood Screen Detail

Found on Sheet L2.

- D7. Bike Layout
- D8. River stone Detail D9. Paving Detail
 - PRELIMINARY





NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, 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: Bank & Dun Developments Inc, c/o Paul Paglialunga 209 Wicksteed Avenue, Suite 30 Toronto, ON, M4G 0B1 Phone: (416) 335-0090 DISCLAIMER:

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

					SCALE	DESIGN	FOR REVIEW ONLY
itent and pe which to n, health, n will be						TCB CHECKED SC DRAWN	STION OF LANDS
rawing is ruction.	3.	REVISED AS PER CITY COMMENTS	APR 11/25	SC		TCB CHECKED	APR 11, 2025 2
tation is to	2.	ISSUED FOR SPC APPLICATION	JAN 17/25	SC		SC	
n'	1.	ISSUED FOR COORDINATION	JAN 13/25	SC		APPROVED	INO SIDI
•	No.	REVISION	DATE	BY		RGJ	

UOUS PLANT PLAN. TO CAREFUL OKEN, DAMAG BRANCHES, VATURAL FOF FEROUS, DO I EADER OF RIVERST FEXTILE APPROVED BURLAP AND % OF ROOT BAI TED, REMOVE PER SPECIFI INT RAISED S. DUND EXCAV/ A. MULCH IS LEAN DEFINE RE PLACING S OTH BELOW S EAR STONE GRADE GRADE G SOIL IN 150 LIFT TO ELIM SETTLEMENT	LY GED, RM NOT ONE WIRE BALL, LL POT CATION AUCER ATED TO HAVE D EDGE SOIL. SOIL.		75mm SHREDDED PINE BARK MULCH, ALL TREAT FARMS OR APPROVED EQUAL. MAINTAIN ORIGINAL GRADE OF SGRUB BASE AFTER PLANTING OR SLIGHTLY HIGHER TO SUIT SITE SOIL CONDITIONS. 100mm DEEP, 600mm DIA. SAUCER CUT AND REMOVE BURLAP FROM TOP 1/3 OF ROOT BALL OR REMOVE ENTIRE FIBRE POT. PLANTING SOIL: 6 PARTS GOOD QUALITY TOPSOIL 2 PARTS WELL ROTTED HORSE OR COW MANURE 1 PART PEAT MOSS 1 LB. BONEMEAL PER CUBIC YARD SOIL FILTER CLOTH 100mm (19mm) CLEAR CRUSHED STONE CONCRETE SLAB WITH PROTECTION BOAR AND MEMBRANE (BY OTHERS) NOTES: PRUNING - TO SUIT SPECIES - PRUNE BRANCHES BY 1/3 TO REMOVE DAMAGED OR OBJECTIONABLE BRANCHES FOLLOW- ING PROPER HORTICULTUREL PRACTICE. DO NOT PRUNE LEADERS. SOIL MIXTURE SHOULD BE FIRMLY COMPACTED TO ELIMINATE AIR POCKETS OR PREVENT SETTLEMENT. FOR BARE ROOT SET PLANT AT ORIGINAL DEPTH OR SLIGHTLY HIGHER AND SPREAD OUT ROOTS, GENTLY BACK FILL WITH SOIL MIX IN LAYERS, WORKING SOIL BETWEEN ROOTS. FIRM SOIL, WATER WELL UPON COMPLETION.	
Ē	D4	SHRUB AND PERENNIAL PLANTING ON SLA	٨B	D5
				1

Engineers, Planners & Landscape Architects Suite 200, 240 Michael Cowpland Drive Ottawa, Ontario, Canada K2M 1P6	LOCATION CITY OF OTTAWA 150 DUN SKIPPER DRIVE - RESIDENTIAL DEVELOPMENT	
	DRAWING NAME	PROJECT No.
	LANDSCAPE DETAILS	124107
		REV
Telephone (613) 254-9643 Facsimile (613) 254-5867		REV # 3
Website www.novatech-eng.com		DRAWING No.
		124107-R-L2