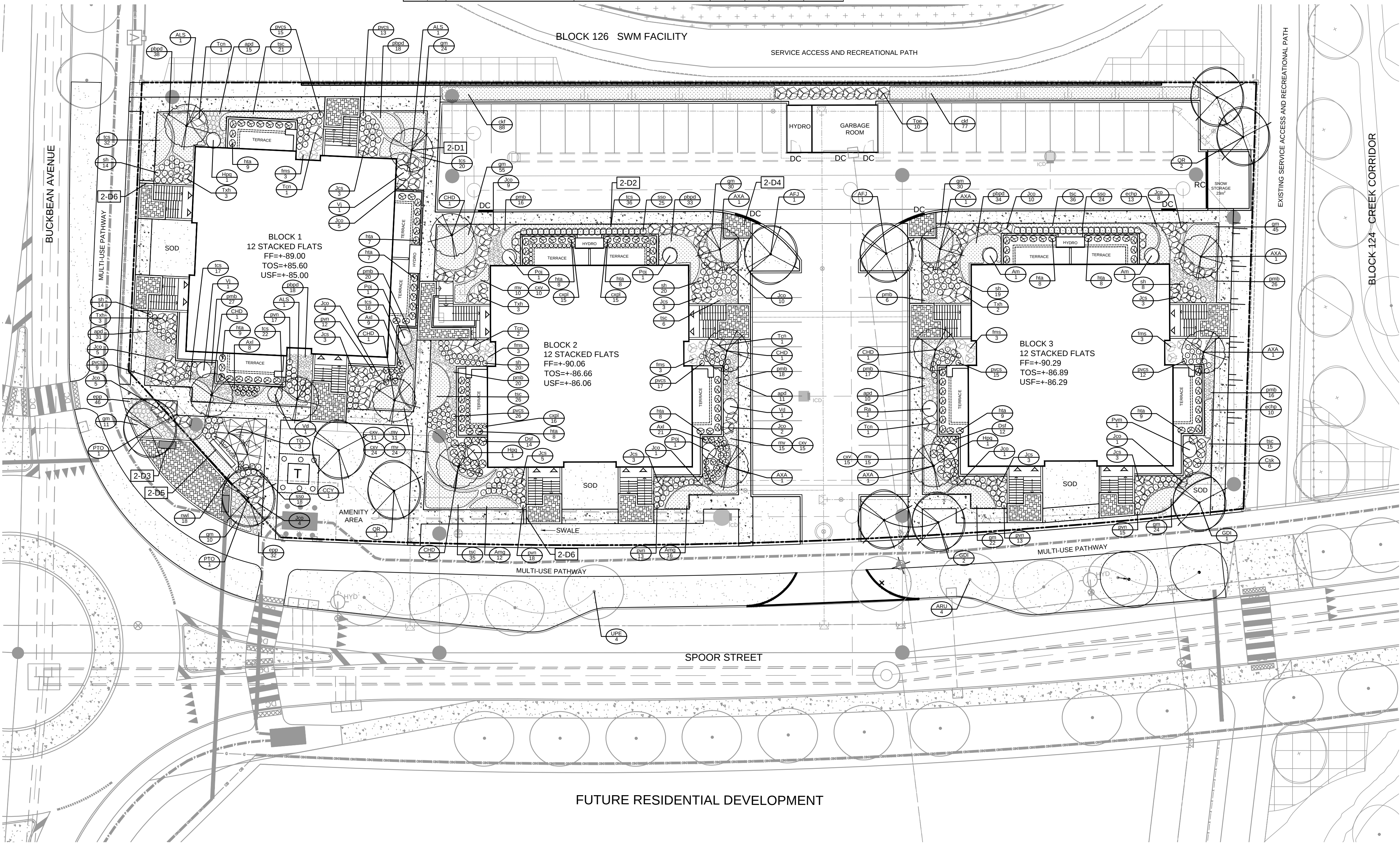


PLANT LISTS

KEY	QTY	BOTANICAL NAME	COMMON NAME	TREE HT AT MATURITY	SIZE	COND	SPACING	NATIVE/ NON-NATIVE*
ROW - Deciduous Trees								
ARU	4	Acer rubrum 'Autumn Radiance'	Autumn Radiance Red Maple	14m	50mm Cal	WB	As Shown	Native
URE	4	Ulmus procumbens 'U.S. Biederich'	Emerald Sunshine Elm	11m	50mm Cal	WB	As Shown	Native
Deciduous Trees (Large)								
CCY	1	Carya cordiformis	Bitternut Hickory	20m	50mm Cal	PT	As Shown	Native
GOI	3	Gymnocladia dioica	Kentucky Coffee Tree	18m	50mm Cal	WB	As Shown	Native
PTO	2	Platanus occidentalis	American Sycamore	30m	50mm Cal	WB	As Shown	Native
QR	3	Quercus rubra	Red Oak	22m	50mm Cal	WB	As Shown	Native
Deciduous Trees (Medium)								
AFJ	2	Acer 'freemantle' 'Jeffersford'	Autumn Blaze Maple	15m	50mm Cal	WB	As Shown	Native
Deciduous Trees (Small)								
AUS	3	Amelanchier laevis 'Spring Flurry'	Spring Flurry Senecoberry	8.5m	50mm Cal	WB	As Shown	Native
AXA	6	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Senecoberry	7.5m	50mm Cal	WB	As Shown	Native
CHD	6	Carolin. canadensis 'Heart's Desire'	Heart's Desire™ Redbud	9m	150cm Ht	WB	As Shown	Native
Coniferous Trees								
TO	3	Thuja occidentalis	Eastern White Cedar	12m	200cm Ht	WB	As Shown	Native

Proposed Planting: Ownership	Total
Private	29
City-Owned (ROW)	8

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COND	SPACING	NATIVE/ NON-NATIVE*
Coniferous Shrubs							
Ton	26	Taxus cuspidata 'Nana'	Dwarf Japanese Yew	50cm Spr	PT	As Shown	Non-Native
Jco	26	Juniperus chinensis 'Spartan'	Spartan Juniper	3g	PT	As Shown	Non-Native
Jco	65	Juniperus horizontalis 'Plumosa Compacta'	Compact Andorra Juniper	40cm Spr	PT	As Shown	Non-Native
Toe	10	Thuja occidentalis 'Smaragd'	Emerald Cedar	200cmWB	PT	200cm O.C.	Native
Tsh	11	Taxus media 'Hicksii'	Hicks Yew	100cmBB	PT	As Shown	Non-Native
Deciduous Shrubs							
Am	2	Aronia melanocarpa	Black Chokeberry	60cm Ht	PT	As Shown	Native
Ton	26	Aronia melanocarpa Ground Hug	Ground Hug Aronia	1g	PT	As Shown	Native
Avil	38	Aronia x Low Scape Mound (UCONN4M165)	Low Scape Mound Chokeberry	40cm Ht	PT	As Shown	Native
Csk	6	Cornus sericea 'Kelsay'	Kelsay Dogwood	40cm Ht	PT	As Shown	Native
Dsf	26	Dierilla splendens 'Firefly Nightglow'	Firefly Nightglow Bush Honeysuckle (El Madrigal)	60cm Ht	PT	As Shown	Native
Hpq	3	Hydrangea paniculata 'Quick Fire'	Quick Fire Hydrangea	60cm Ht	PT	As Shown	Non-Native
Pq	4	Physocarpus opulifolius 'JEFAM'	Amber Jubilee Ninebark	60cm Ht	PT	As Shown	Native
Ra	1	Rhus aromatica	Fragrant Sumac	60cm Ht	PT	As Shown	Native
Va	2	Viburnum dentatum	Arrowwood Viburnum	60cm Ht	PT	As Shown	Native
Vj	2	Viburnum x juddii	Juddi Viburnum	60cm Ht	PT	As Shown	Non-Native
Perennials							
apd	67	Aster novae-angliae 'Purple Dome'	Purple Dome New England Aster	1g	plug	As Shown	Native
echp	23	Echinacea purpurea 'Powwow Wild Berry'	Wild Berry Coneflower	1g	PT	60cm O.C.	Native
gm	251	Geranium maculatum	Spotted Cranesbill	1g	PT	50cm O.C.	Native
hna	98	Hosta August Moon	August Moon Hosta	1g	PT	As Shown	Non-Native
ml	18	Monarda fastuosa 'Walker's Low'	Walker's Low Catmint	1g	PT	70cm O.C.	Non-Native
pbd	141	Pentstemon barbatus 'Prairie Dusk'	Prairie Dusk Beard Tongue	1g	PT	60cm O.C.	Non-Native
pmb	166	Phlox divaricata 'May Breeze'	Woodland Phlox	1g	PT	50cm O.C.	Non-Native
mv	75	Merensia virginica	Virginia bluebells	1g	PT	60cm O.C.	Native
tsr	139	Thymus serpyllum 'Coccineus'	Red Creeping Thyme	1g	PT	60cm O.C.	Non-Native
Ornamental Grasses / Ferns							
cafl	162	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1g	PT	80cm O.C.	Non-Native
csp	46	Carex plantaginifolia	Plantain-Leaved Sedge	1g	PT	As Shown	Native
cvv	75	Carex pensylvanica	Pennsylvania Sedge	1g	PT	60cm O.C.	Native
fms	15	Metelucia struthioptera	Ostrich Fern	1g	PT	100cm O.C.	Native
pns	107	Panicum virgatum 'Cheyenne Sky'	Cheyenne Sky Switch Grass	1g	PT	70cm O.C.	Native
pnr	88	Panicum virgatum 'Northwind'	Northwind Switch Grass	1g	PT	70cm O.C.	Native
sh	95	Sporobolus heterostachys	Prairie Dropseed	1g	PT	60cm O.C.	Native
sso	67	Schizachyrium scoparium 'Standing Ovation'	Standing Ovation Little Blue Stem	1g	PT	50cm O.C.	Native



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Owner:
Uniform Developments
117 Concourse Drive, #300
Nepean, ON K2G 5X3
Phone: 613.225.0770

Engineer:
Novatech Engineers, Planners
& Landscape Architects
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Ottawa, ON, K2M 1P6
Phone: 613.254.9643

Architect:
Hobin Architecture INC.
63 Pamela Street,
Ottawa, ON K1S 3K7
Phone: 613.236.7200

Surveyor:
Annis, O'Sullivan, Vollebakk Ltd.
14 Concourse Gate, Suite 500
Nepean, ON K2E 7S6
Phone: 613.727.0850

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2.	REVISED PER COMPLETENESS REVIEW COMMENTS	MAY 09/25	SC
1.	ISSUED FOR SITE PLAN APPLICATION	MAR 21/25	SC

SCALE

1:250

1:250

0 2 4 6 8 10

DESIGN

SC

CHECKED

SC

DRAWN

TB

CHECKED

SC

APPROVED

SC

FOR REVIEW ONLY

ASSOCIATION OF LANDSCAPE ARCHITECTS
CMA
August 14, 2025
MEMBER

Telephone: (613) 254-9643
Facsimile: (613) 254-9867
Website: www.novatech-eng.com

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Website: www.novatech-eng.com

LOCATION
COPPERWOOD FLATS, 1101 SPOOR ST, KANATA
STACKED APARTMENTS - BLOCK 125

DRAWING NAME
LANDSCAPE PLAN

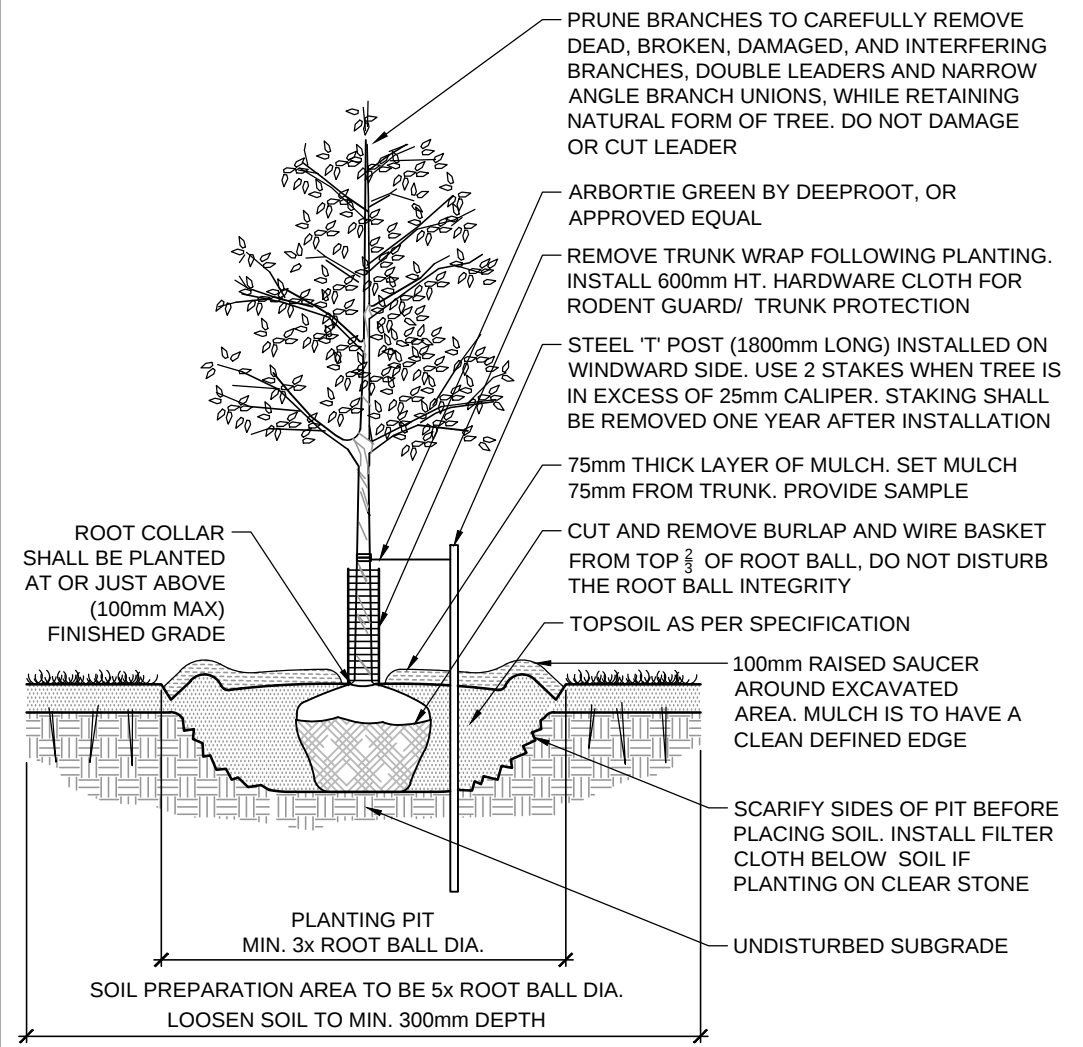
PROJECT No.
122144

REV
REV # 3

DRAWING No.
122144-125-L1

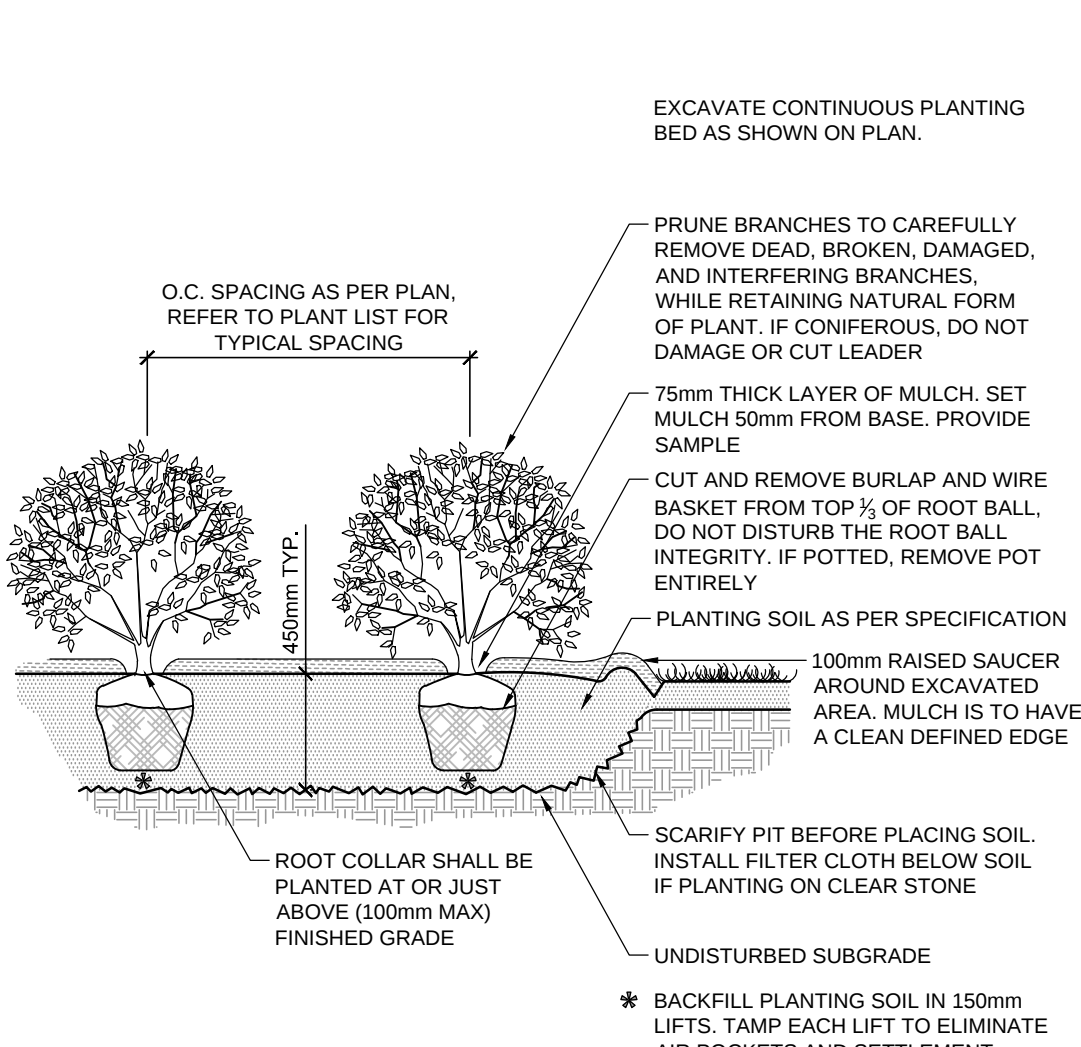
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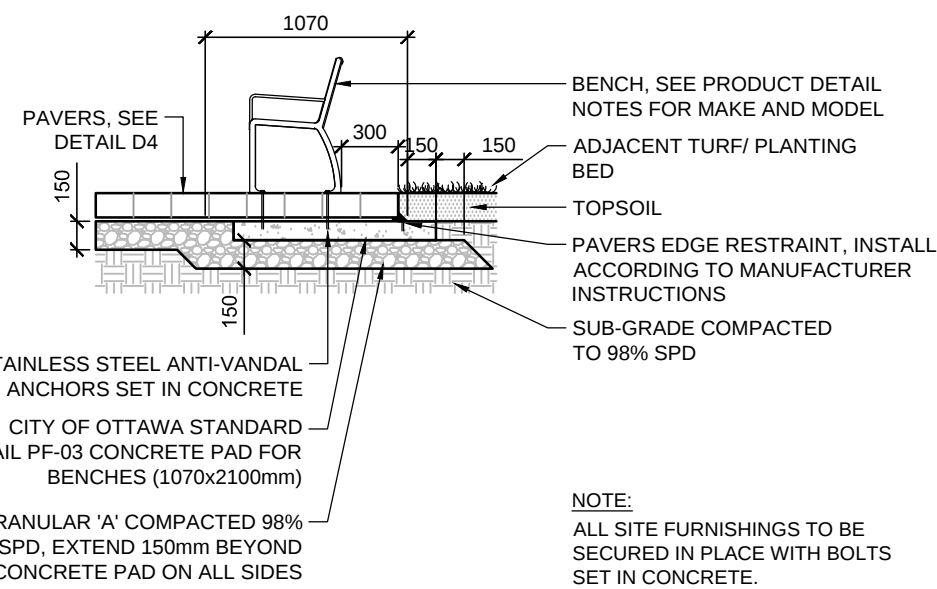
STANDARD DECIDUOUS TREE PLANTING

D1



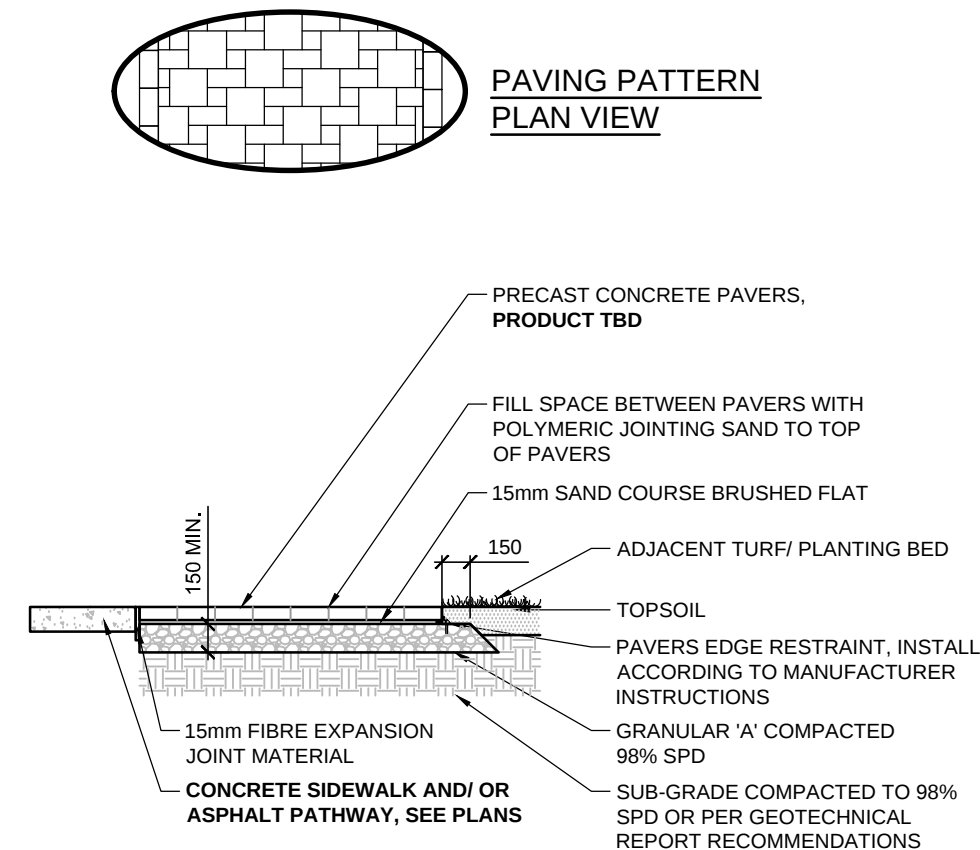
SHRUB AND PERENNIAL PLANTING

D2



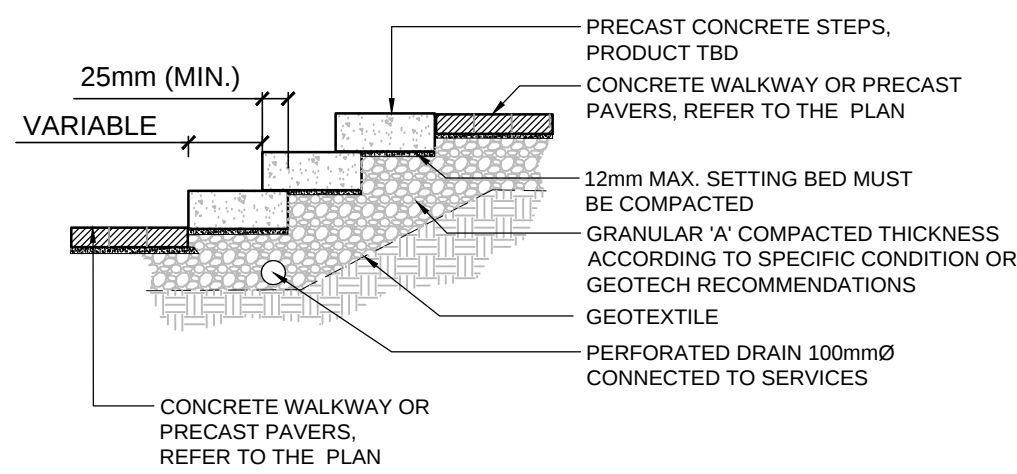
BENCH ON CONCRETE PAVERS

D3



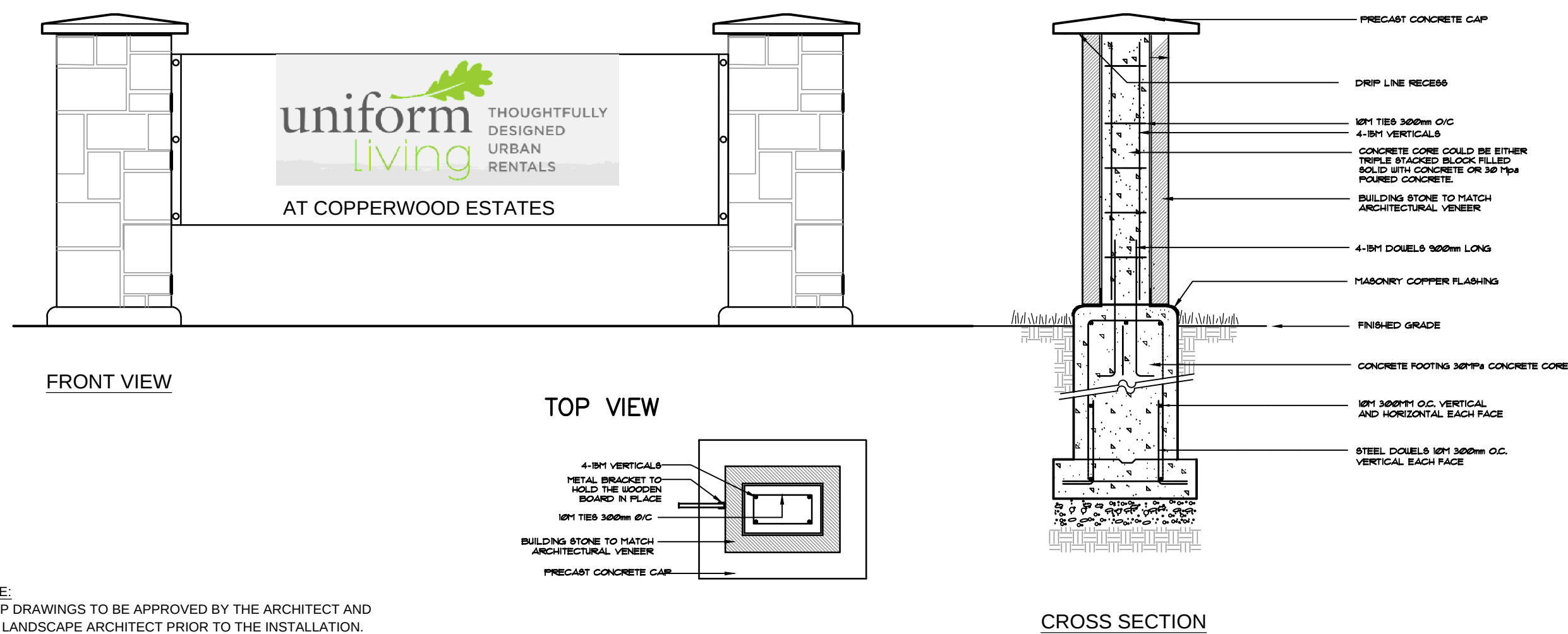
PAVERS ON GRANULAR BASE

D4



PRECAST CONCRETE STEPS

D6



NOTE:
SHOP DRAWINGS TO BE APPROVED BY THE ARCHITECT AND THE LANDSCAPE ARCHITECT PRIOR TO THE INSTALLATION.

SIGNAGE DETAIL (NOT TO SCALE)

D5

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SCALE	DESIGN
	SC
	SC
	TB
	SC
	SC

FOR REVIEW ONLY	

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LOCATION
COPPERWOOD FLATS, 1101 SPOOR ST, KANATA
STACKED APARTMENTS - BLOCK 125

DRAWING NAME	PROJECT No.
LANDSCAPE DETAILS	122144
	REV
	REV # 3
	DRAWING No.
	122144-125-L2

PROPOSED CANOPY COVERAGE AT MATURITY				
SIZE OF PROPOSED TREE	AVERAGE MATURE SPREAD	CANOPY COVERAGE PER TREE AT MATURITY (m2)	QUANTITY OF TREES	TOTAL CANOPY COVERAGE (m2)
Deciduous trees- Small	4.5m	16	15	240
Deciduous trees- Medium*	10m	79	10	790
Deciduous trees- Large	15m	177	9	1590
Conifers	5m	20	3	60
TOTAL PROPOSED CANOPY COVERAGE (m2):				2,680
TOTAL SITE AREA (m2):				5,503
EST. PROPOSED CANOPY COVERAGE (%):				49%

1. Area of a circle = $(r \times r) \times \pi$

2. Canopy coverage per tree calculation: $(\text{average mature spread}/2) \times (\text{average mature spread}/2) \times \pi$

*3. ROW trees along Spoor Street have also been counted under the medium canopy category.

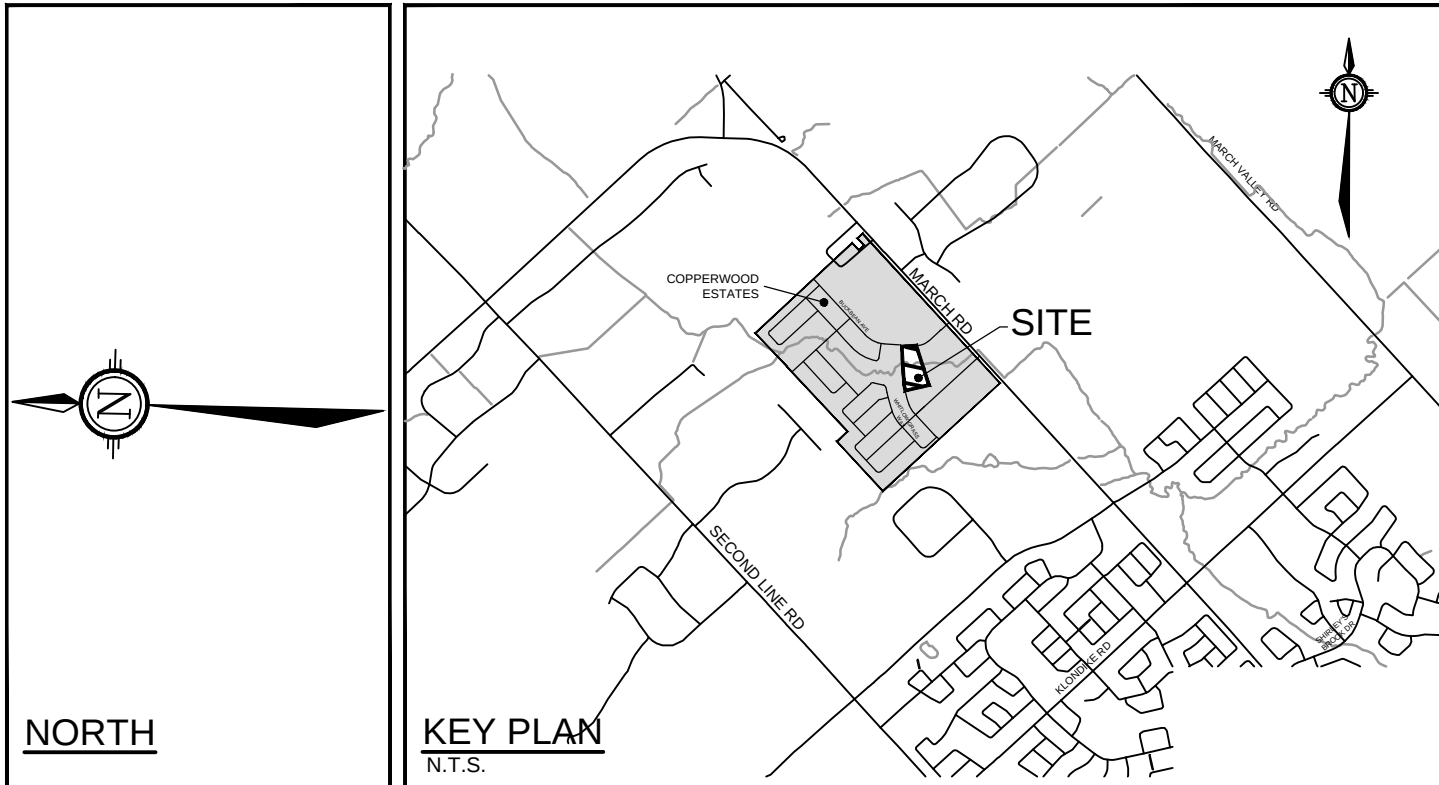
Planting bed no.	Available Soil Area (sq m)	Available Soil Volume* (cu m)	No. of trees proposed			Total No. of trees	Min. required Soil volume total (cu m)
			Small (min. 25m³ soil for single & 15m³ for shared)	Medium (min. 30m³ soil for single & 18m³ for shared)	Large (min. 35m³ soil for single & 20m³ for shared)		
Planting bed 1	87	130			2	3	130.00
Planting bed 2	172	258			2	2	40.00
Planting bed 3	109	164	1			1	25.00
Planting bed 4	89	134				NA	0.00
Planting bed 5	25	38				NA	0.00
Planting bed 6	23	35			1	1	35.00
Planting bed 7	101	152	1		2	3	55.00
Planting bed 8	63	95				NA	0.00
Planting bed 9	128	192	2			2	30.00
Planting bed 10	18	27		1		1	30.00
Planting bed 11	18	27		1		1	30.00
Planting bed 12	67	101	2			2	30.00
Planting bed 13	67	101	2			2	30.00
Planting bed 14	130	195	2			2	30.00
Planting bed 15	46	69	1			1	25.00
Planting bed 16	251	377			2	2	40.00
Planting bed 17	65	98	1			1	25.00
Planting bed 18	43	64				NA	0.00
Planting bed 19	72	108	2			2	30.00
Planting bed 20	41	62	1			1	25.00

*Note : For all planting beds proposed, the available soil depth is considered to be 1.5m.

1. The landscape plans have been developed in accordance with the Paterson Group Geotechnical Report PG6613-1 Revision 3, dated May 1, 2025 which includes the Test Hole Locations Plan, dated April, 2023 that confirms the categories and locations of clay soils, and coordinated with the Paterson Group Geotechnical Memo PG6613-MEMO.01 dated May 1, 2025, which provides responses to the Geotechnical related comments from the City.
2. As per the Paterson Group Geotechnical memo PG6613-MEMO.01 - Response to City Comments, dated May 1, 2025, due to the thin nature of the silty clay deposit impacting buildings 1 and 2, this layer will be removed from under the proposed footing and replaced with engineered fill. This will remove the tree setback restrictions for the buildings 1 and 2.
3. Based on the subsurface conditions observed in the test holes around block 3, this block is not expected to be subject to tree planting setback requirements.
4. Therefore, in this case, tree planting will not be restricted by the sensitivity clay soils.
5. The soil volumes provided are sufficient for a reasonable chance of tree survival. Unless otherwise noted, all new trees on City property meet the minimum soil volume requirements of the following, based on a depth of 1.5m below finished grade, and subtracting the volume of utility trenches.
 - a. Small tree (mature height up to 7.5m) - 25m³ minimum soil volume provided
 - b. Medium tree (mature height 7.5-14m) - 30m³ minimum soil volume provided.

Where trees share a continuous greenspace:

- c. Two (2) small trees - 15m³/ minimum soil volume provided per tree.
- d. Two (2) medium trees - 18m³/ minimum soil volume provided per tree.

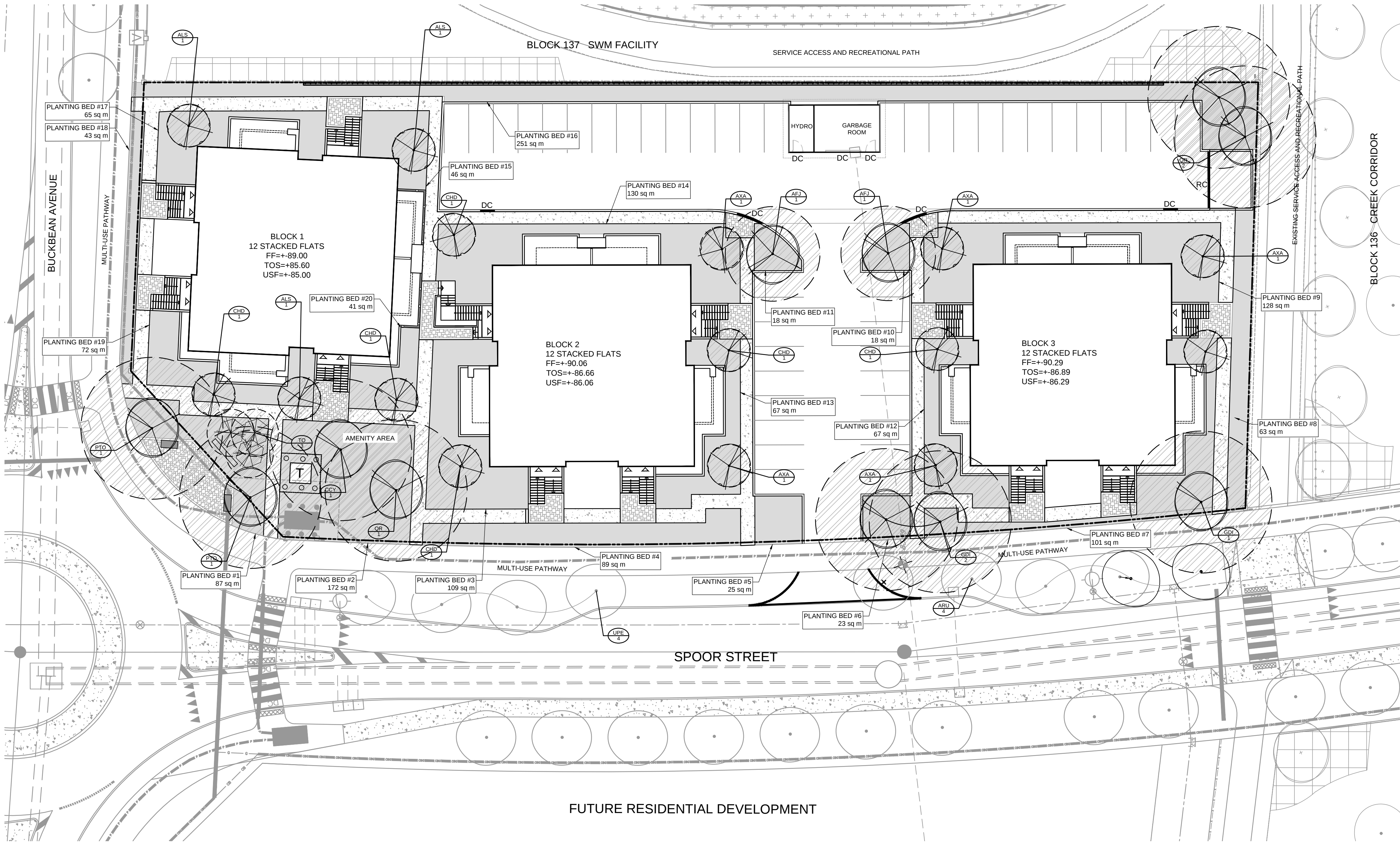


	PROPERTY LIMIT
	PROPOSED CONCRETE
	OFF-SITE CONCRETE
	PROPOSED PAVERS
	PROPOSED DECIDUOUS TREE
	PROPOSED CONIFEROUS TREE
	CANOPY COVER AREA OF PROPOSED TREES AT MATURITY
	PLANTING BED SOIL
	TREES AROUND THE SITE (BY OTHERS)
	RETAINING WALL REFER TO GR
SPECIES (SEE PLANT LIST) QUANTITY	

1. 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.
2. 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.
3. It is essential to use the notes and details in conjunction with the specifications and plans.
4. Do not scale drawings. Work to dimensions only.
5. Protect all existing and retained vegetation for the duration of construction according to the contract details and specifications.
6. Reinstatement of 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, stockpiles, 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.

1. 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.
2. Use structurally sound plant material with strong fibrous root system free of disease, defects, and injuries. Use trees with slight trunk flex, well and characteristically branched for species. Obtain approval from consultant of plant material at source prior to digging. All trees and shrubs to be container grown, potted, W/B or B/B, as indicated on Plant List. Bare root plants are only acceptable for certain species and as approved by the Landscape Architect prior to installation.
3. Approved plants and shrubs shall not be permitted without the written approval from the Consultant, with **48 hours notice**, prior to shipping plant material.
4. Plant locations are schematic / approximate only. **Contractor 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 supersedes the estimated number in the Plant List. Contractor to report any discrepancies to the Landscape Architect prior to installation. Contractor will assume full responsibility if the Landscape Architect is not notified.
6. Erosion control is thoroughly to be incorporated into planting. Monitor material and ensure adequate moisture until acceptance.
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:
 - a. Plant Beds - 400mm deep
 - b. Sod / Seed Areas - 100mm depth.
 - c. Reforestation - 300mm depth.
9. 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.
10. Install a 1.2m sod strip adjacent to all hard surfaces. Note, sod is not typically graphically shown on plans.
11. Apply the following mineral fertilizer unless soil tests show other requirements:
 - a. Plant Beds - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash per manufacturer specifications.
 - b. Sod Areas - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash per manufacturer specifications.
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.

1. All general site information and conditions are compiled from Consultant field notes and plans provided by the Owner and are supplied for information purposes only. It is the responsibility of the Contractor to verify the accuracy of all the information obtained from this plan.
2. The Contractor with all Subcontractors involved, the Contractor is to 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 notified 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 report 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 specifications. Fees include but are not limited to, surveys, permit fees, deposits, application fees, letters of credit, or any other fees of the Consultant.
6. Carry out all construction in accordance with the most current provincial and municipal standards and specifications.
7. 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 required 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 erosion 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.



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DRAWING NAME

CANOPY COVER AND SOIL PLAN

DRAWING No.

122144-125-1 3