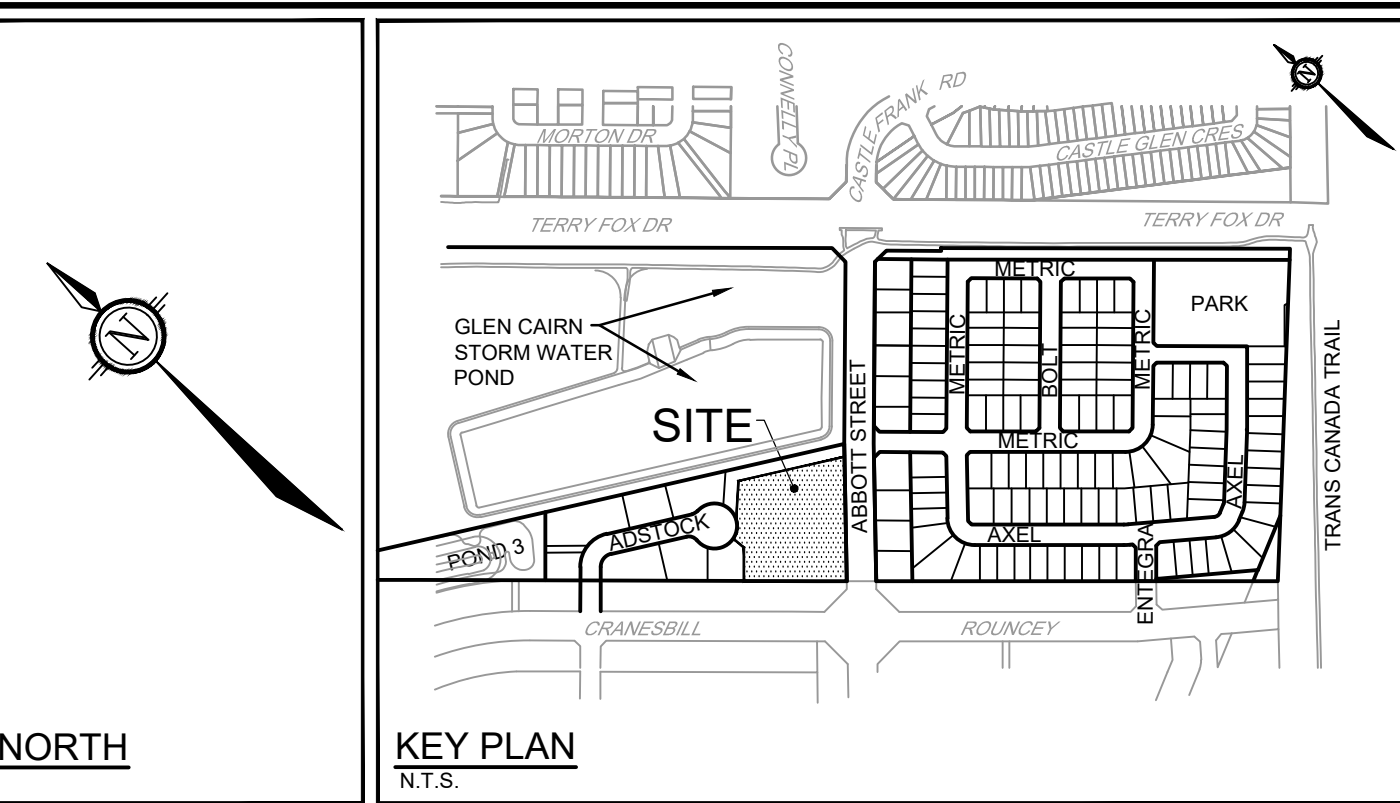


**CITY DETAILS**  
 Related details from City of Ottawa Standard Tender Documents  
 Volume No. 2 Standard Detail Drawings

**NOVATECH DETAILS**  
 Found on Sheet L.2.

D1. Standard Deciduous Tree Planting  
 D2. Standard Coniferous Tree Planting  
 D3. Shrub and Perennial Planting  
 D4. Tree Protection Fence  
 D5. Wood Screen Detail  
 D6. Bike Layout



**APPROVED**  
 By Sean Moore at 1:08 pm, May 27, 2026

SEAN MOORE MCIP, RPP  
 MANAGER, DEVELOPMENT REVIEW - WEST  
 PLANNING, INFRASTRUCTURE & ECONOMIC  
 DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

**LEGEND**

3-D1	NOVATECH OR CITY DETAIL NUMBER SEE LIST FOR CODE
[Symbol]	PROPERTY LIMIT
[Symbol]	PROPOSED CONCRETE
[Symbol]	PROPOSED PAVERS
[Symbol]	RIVER STONE
[Symbol]	SOD
[Symbol]	PERENNIALS
[Symbol]	ORNAMENTAL GRASSES
[Symbol]	PROPOSED DECIDUOUS TREE
[Symbol]	PROPOSED TREES (BY OTHERS)
[Symbol]	EXISTING TREES TO REMAIN
[Symbol]	EXISTING TREES TO BE REMOVED
[Symbol]	PROPOSED TREE PROTECTION FENCE
[Symbol]	PROPOSED SHRUBS (SEE PLANT LIST)
[Symbol]	QUANTITY
[Symbol]	PROPOSED WOOD PRIVACY FENCE 1.8m HT
[Symbol]	EXISTING WOOD PRIVACY FENCE 1.8m HT (BY OTHERS)
[Symbol]	4.5m TREE SETBACK FROM THE BUILDING, PER GEOTECH REPORT
[Symbol]	BENCHES
[Symbol]	BIKE RACKS
[Symbol]	EXISTING STREET LIGHTS

- GENERAL**
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 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 for the duration of construction according to the contract details and specifications.
  6. Reinstatement 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 reinstatement all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.
- PLANTING**
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 diseases, 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, 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.
  3. Plant material substitutions are not to 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. Ensure trees are thoroughly watered following 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 - 450mm continuous depth. Applies to shrubs, perennials, vines, and groundcovers.
    - b. Sod/ Seed Areas - 100mm depth.
    - c. Reforestation - 300mm depth.
  9. Sod to be No. 1 Kentucky Bluegrass Sod grown from minimum mixture of 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. 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 at a rate of 350kg/ha.
  12. Where applicable for any plant species 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.

**PROPOSED PLANT LIST**

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COND	SPACING	NATIVE/NON-NATIVE*
<b>Deciduous Trees (Large)</b>							
GBA	4	Ginkgo biloba 'Autumn Gold'	Autumn Gold Ginkgo	50mm Gal	W/B	As Shown	Non-Native
GLK	2	Gleditsia triacanthos var. 'inermis 'Skyline'	Skyline Honeylocust	50mm Gal	W/B	As Shown	Native
<b>Deciduous Trees (Medium)</b>							
ARU	4	Acer rubrum 'Autumn Redland'	Autumn Redland Red Maple	50mm Gal	W/B	As Shown	Native
ARU	5	Acer rubrum 'Sun Valley'	Sun Valley Red Maple	50mm Gal	W/B	As Shown	Native
CGZ	2	Corylus cornicola 'Coville'	Coville Sweet Gum	50mm Gal	W/B	As Shown	Native
GTU	2	Gleditsia triacanthos var. 'inermis 'Tropicana'	Imperial Honeylocust	50mm Gal	W/B	As Shown	Native
TMH	1	Tilia cordata 'magnifica 'Harvest Gold'	Harvest Gold Linden	50mm Gal	W/B	As Shown	Non-Native
<b>Deciduous Trees (Small)</b>							
AC	3	Amenochia canadensis (Single stem)	Shadblow Serviceberry	40mm Gal	W/B	As Shown	Native
ALS	4	Amenochia canadensis 'Spring Runny'	Spring Runny Serviceberry	50mm Gal	W/B	As Shown	Native
BPW	1	Betula populifolia 'Whitetrace'	Whitetrace Birch	50mm Gal	W/B	As Shown	Native
<b>Coniferous Shrubs</b>							
Jcc	36	Juniperus communis 'Green Carpet'	Green Carpet Juniper	40cm Spr	PT	As Shown	Non-Native
Jwb	44	Juniperus horizontalis 'Wiltonii'	Blue Rug Juniper	3p	PT	As Shown	Non-Native
MLK	6	Monarda mollis	Eleonora Carpet Cypress	100cm O.C.	PT	As Shown	Non-Native
Txh	12	Taxus media 'Nicotii'	Hicks Yew	100cm O.C.	PT	As Shown	Non-Native
<b>Deciduous Shrubs</b>							
AG	36	Aronia melanocarpa Ground Hug	Ground Hug Aronia	1p	PT	10cm O.C.	Native
Axi	72	Aconia - Low-Scape Mound (LCCOMANM)	Low-Scape Mound Chokeberry	10cm Ht	PT	As Shown	Native
Daf	83	Dieris trifida 'Fruity Nigrolinea'	Fruity Nigrolinea Bush Honeylocust (E Medialga)	60cm Ht	PT	As Shown	Native
Thx	21	Thalictrum aquilegifolium 'SWP21W'	Flax Yellow Thalictrum	60cm Ht	PT	As Shown	Native
Pts	13	Philadelphus 'Snowball'	Snowball Mockorange	90cm Ht	PT	As Shown	Non-Native
Sdp	47	Symphoricarpos doerflingeri 'Kilmopac'	Pink Promise Snowberry	90cm Ht	PT	As Shown	Native
<b>Perennials</b>							
hts	50	Hemerocallis 'Van Sester'	Van Sester Daylily	1p	PT	30cm O.C.	Non-Native
hts	50	Hemerocallis 'Mini Swiss Drop'	Mini Swiss Drop Daylily	1p	PT	30cm O.C.	Non-Native
hts	50	Hemerocallis 'Parson's Orange'	Parson's Orange Daylily	1p	PT	30cm O.C.	Non-Native
hts	120	Helleborus 'August Moon'	August Moon Helleborus	1p	PT	As Shown	Native
hgm	40	Hyssopus officinalis 'multiflorus'	Soldier's Seal	1p	PT	30cm O.C.	Non-Native
<b>Ornamental Grasses / Ferns</b>							
grf	50	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1p	PT	30cm O.C.	Non-Native
sa	350	Saxifraga autumnalis	Autumn Moor Grass	1p	PT	30cm O.C.	Non-Native
sch	120	Stachytaraxa acuminata 'The Bunch'	The Bunch Hair Bluestem	1p	PT	30cm O.C.	Native
sh	120	Sporobolus heterostachyus	Flare Drizzle	1p	PT	30cm O.C.	Native
svgr	154	Panicum virgatum	Swire Grass	1p	PT	30cm O.C.	Native

**EXISTING TREES - INVENTORY**

No.	Botanical Name	Common Name	DBH (cm)	CRZ (m)	Condition	Owner	Remarks	Recomm.
1	Acer saccharum	Sugar Maple	5.0	0.50	F	Public	Mechanical damage to base of stem	PROTECT
2	Acer saccharum	Sugar Maple	5.0	0.50	F	Public	Mechanical damage to base of stem	PROTECT
3	Acer saccharum	Sugar Maple	5.0	0.50	P	Public	Severe mechanical damage at base of stem	PROTECT
4	Acer x freemanii	Freeman Maple outbar	5.0	0.50	F	Public	Damage to roots from construction activities	PROTECT
5	Gleditsia triacanthos var. inermis	Thornless Honey Locust	5.0	0.50	F	Public	Mechanical damage to base of stem	PROTECT
6	Acer x freemanii	Freeman Maple outbar	12.0	1.00	G	Client	Minor stem near base of stem. Lower branch release removed for long term health	Conflict
7	Acer ginnale	Amur Maple	7.0	0.70	G	Client	Multi-stem / Small minor wound at base of stem	Conflict

REVIEWED BY DEVELOPMENT REVIEW BRANCH  
 Signed \_\_\_\_\_ Date \_\_\_\_\_ 2026  
 Plan Number 19260

**LEGAL DESCRIPTION:**  
 Block 123, Plan 4M-1616, Ottawa

**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:**  
 SPB Developments Inc.  
 c/o Shoen Barrer & Metic Homes  
 4829 Abbott Street East  
 Kanata, ON K2V 0L4  
 Phone: (613) 301-7792

**Architect:**  
 Hobin Architecture Inc.  
 c/o Todd Duckworth  
 63 Pamela Street,  
 Ottawa, ON K1S 3K7  
 Phone: (613) 681-8994

**City:**  
 Novatech Engineers, Planners & Landscape Architects  
 c/o Alex McAuley  
 240 Michael Cowpland Drive,  
 Ottawa, ON K2M 1P6  
 Phone: 613.254.9643

**Planning:**  
 Novatech Engineers, Planners & Landscape Architects  
 c/o Miranda Virginio  
 240 Michael Cowpland Drive,  
 Ottawa, ON K2M 1P6  
 Phone: 613.254.9643

**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 the planning 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
7	REVISED PER CITY AND MVCA COMMENTS	APR 22/26	RGJ
6	RE-ISSUED FOR SITE PLAN APPLICATION	MAR 11/26	RGJ
5	ISSUED FOR PATERSON REVIEW	FEB 12/26	RGJ
4	ISSUED FOR COORDINATION	JAN 27/26	RGJ
3	RE-ISSUED FOR SITE PLAN APPLICATION	AUG 07/25	RGJ
2	ISSUED FOR SITE PLAN APPLICATION	JUN 12/25	RGJ
1	ISSUED FOR COORDINATION	JUN 5/25	RGJ

**SCALE**  
 1:200  
 0 2 4 6 8

**FOR REVIEW ONLY**

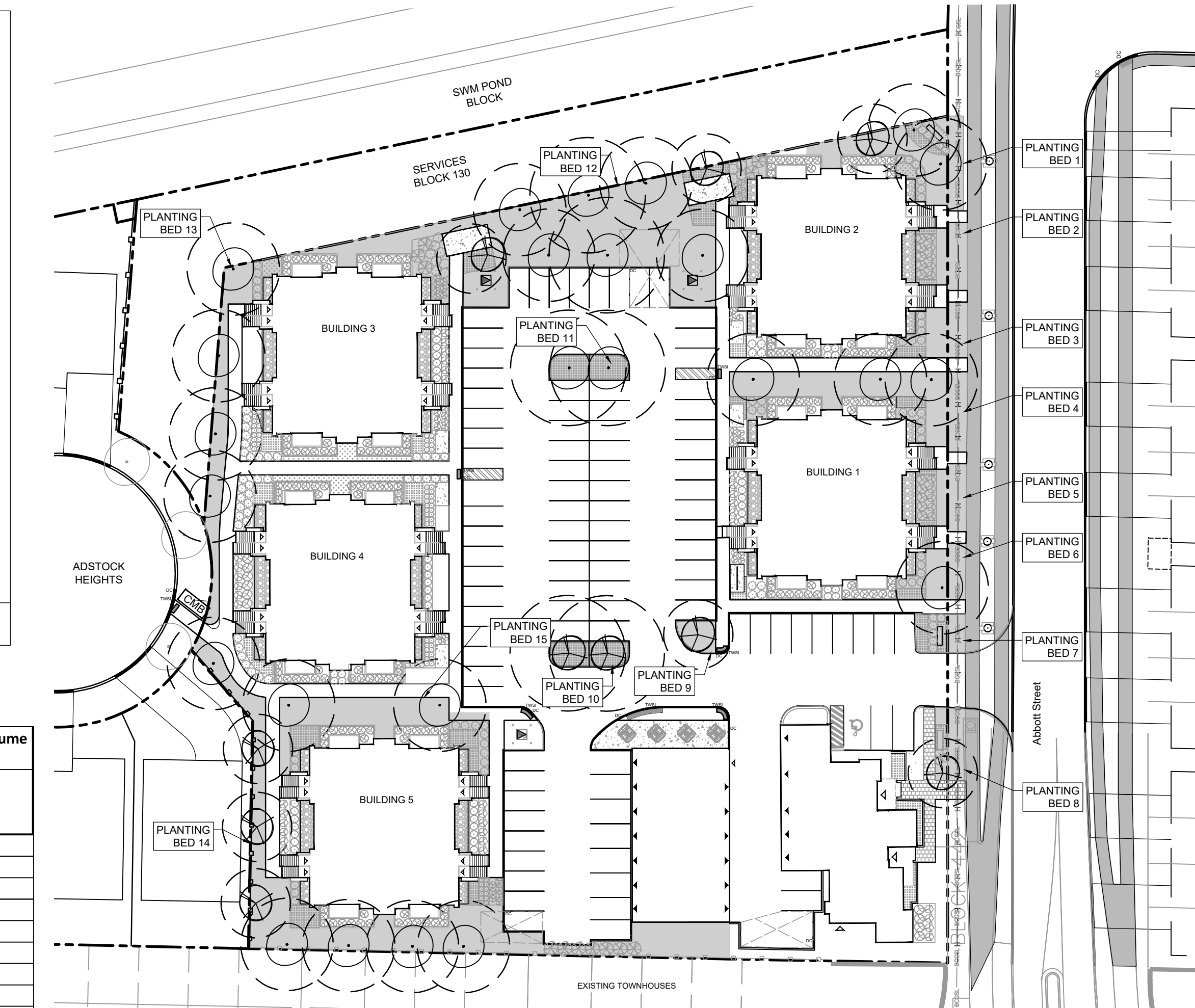
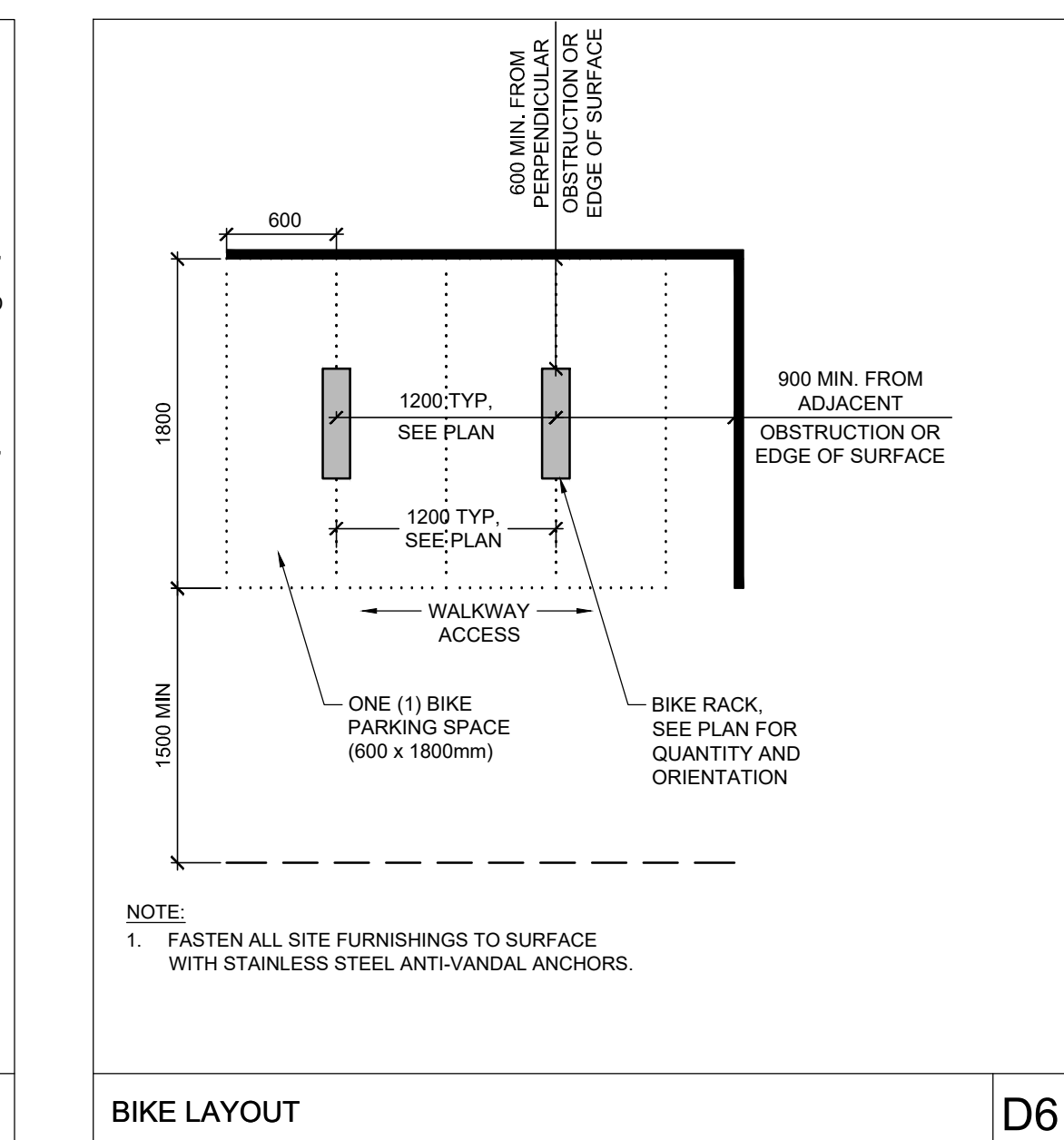
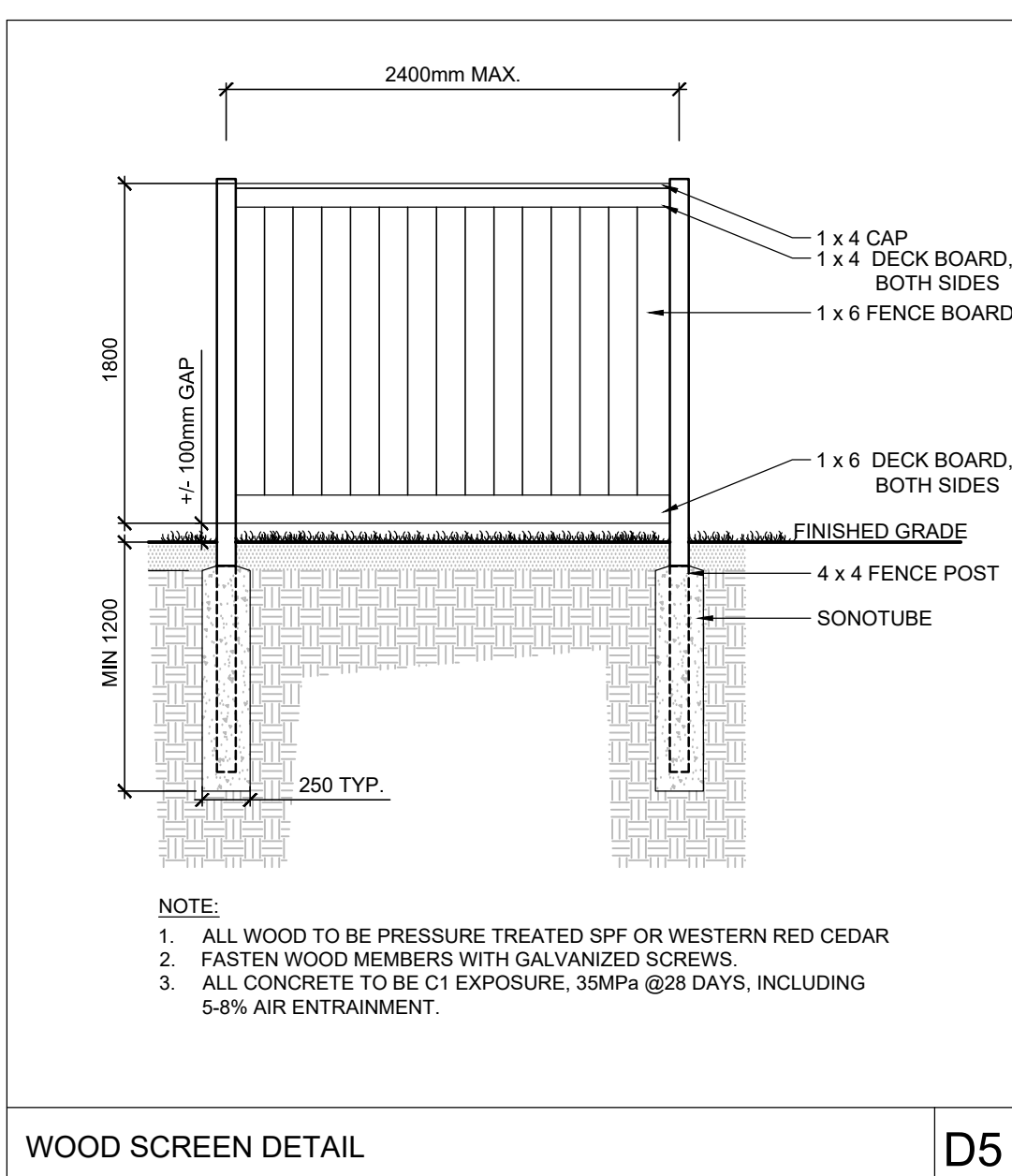
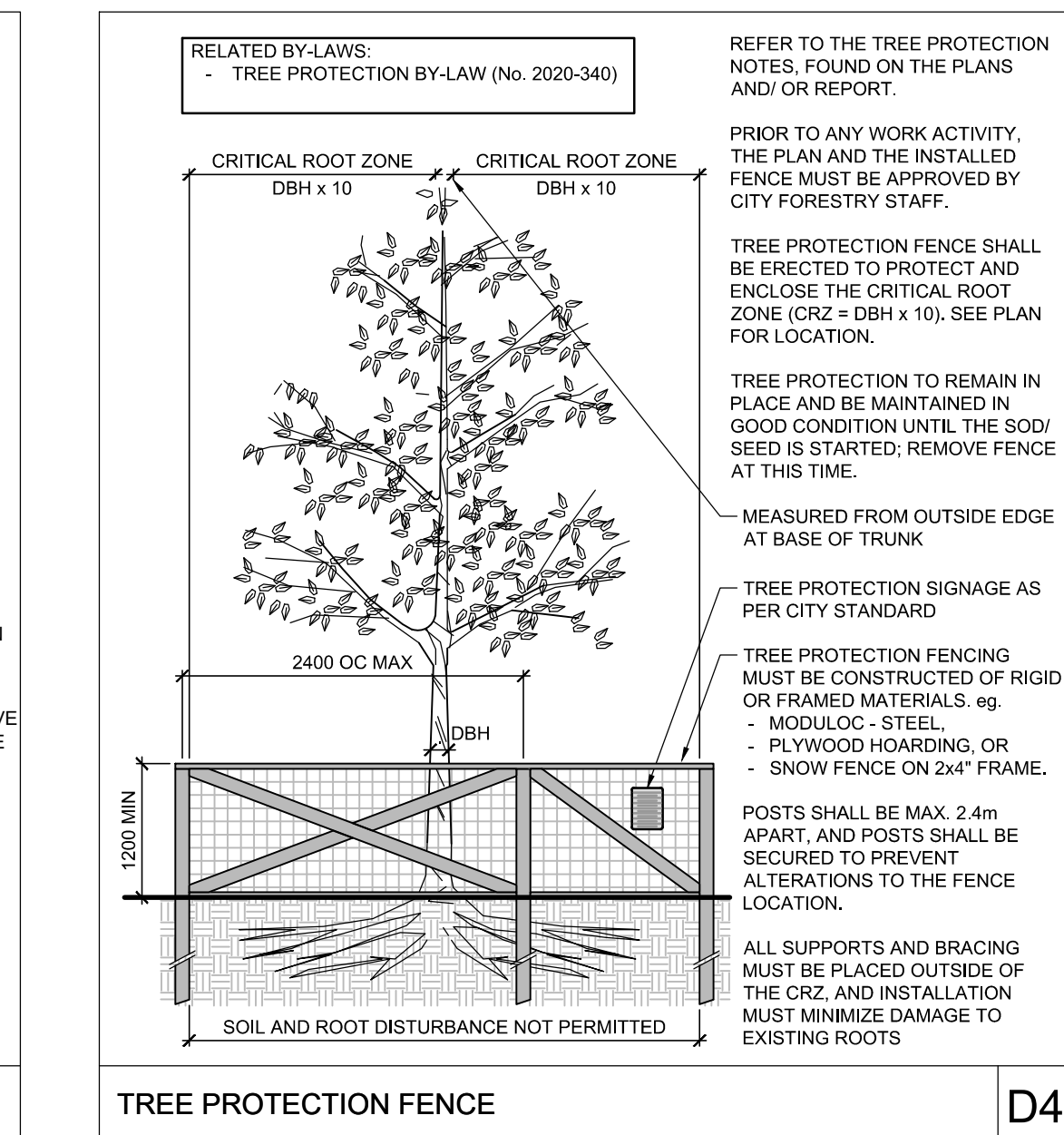
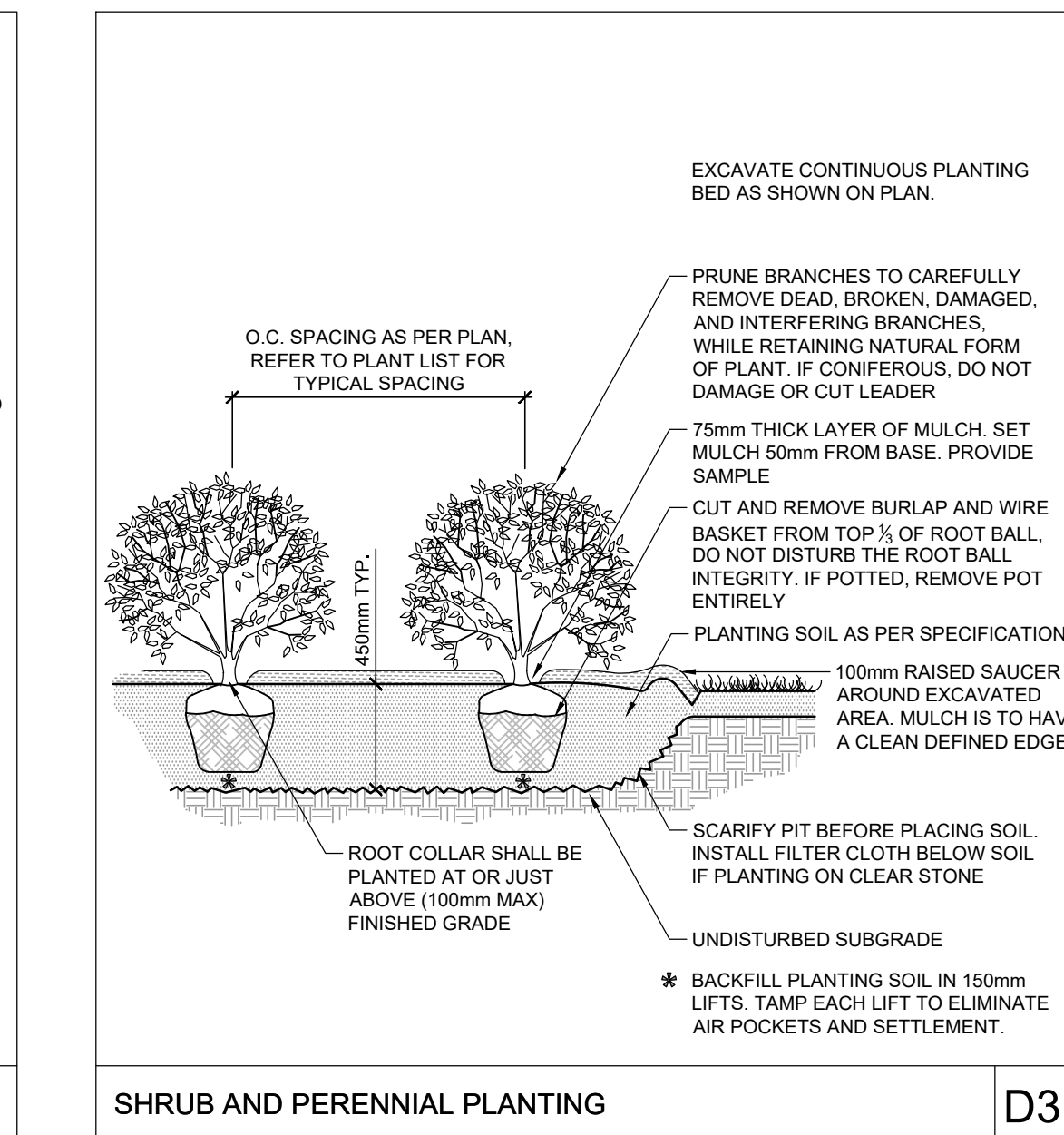
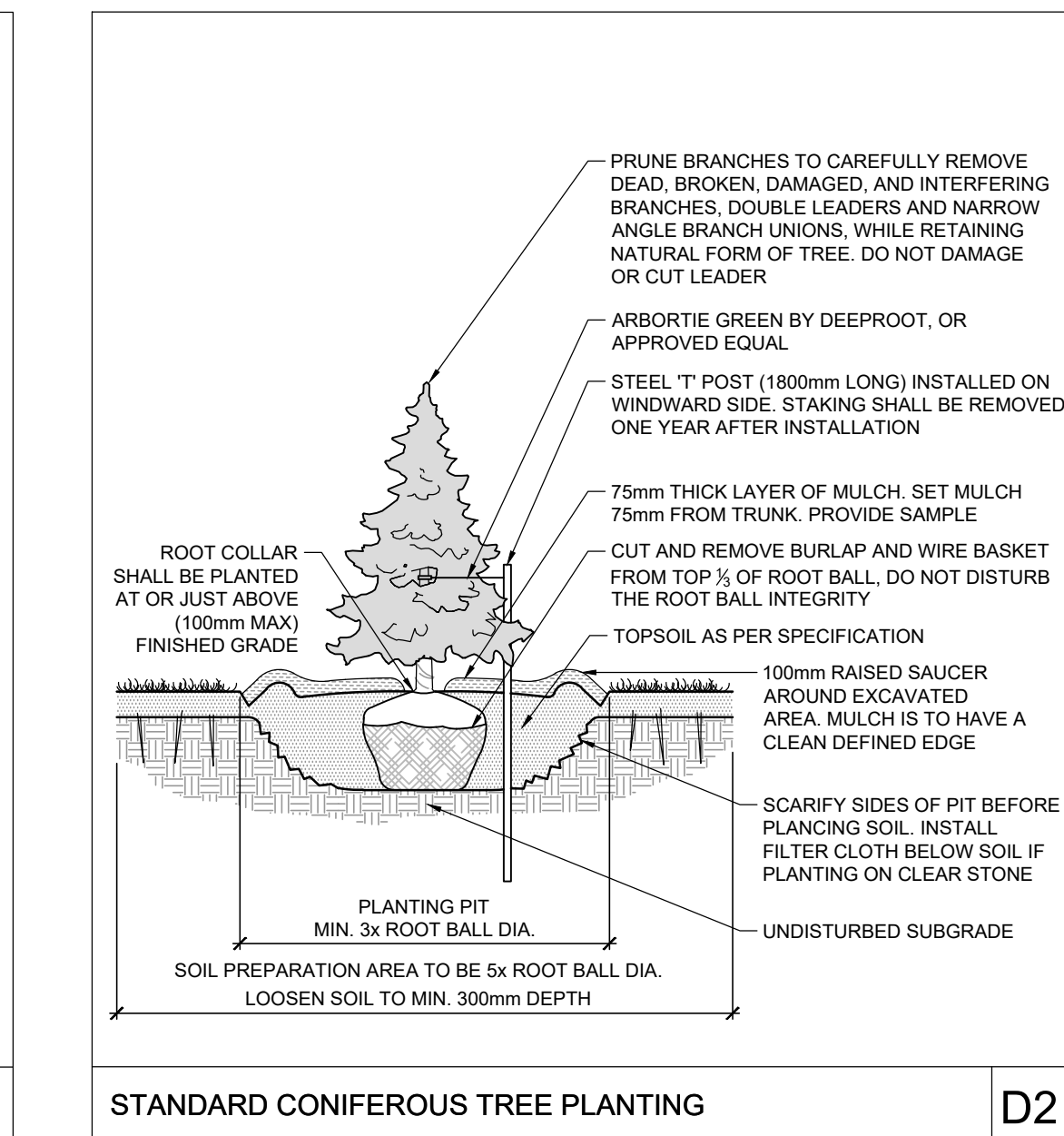
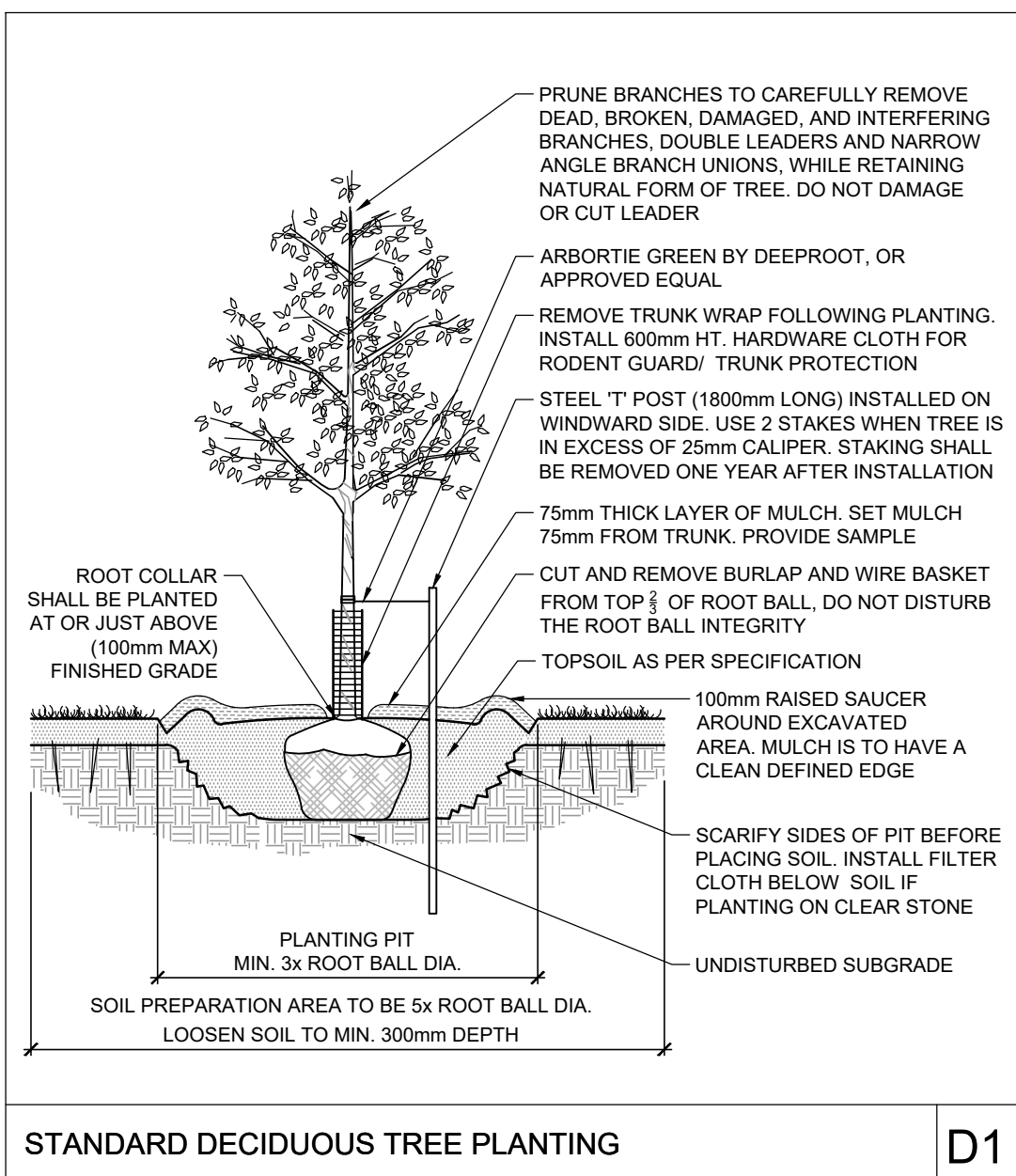
TCB  
 RGJ  
 TCB  
 RGJ  
 RGJ

**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

**SPB DEVELOPMENTS INC.**  
 METRIC HOMES SUBDIVISION - BLOCK 123  
 4829 ABBOTT STREET EAST, KANATA

**DRAWING NAME**  
 LANDSCAPE PLAN AND TREE CONSERVATION PLAN

**PROJECT NO.** 110037  
**REV #** 7  
**DRAWING NO.** 110037-B123-1



SOIL & TREE CANOPY COVER FIGURE  
NOT TO SCALE

**SOIL AVAILABILITY CALCULATION**

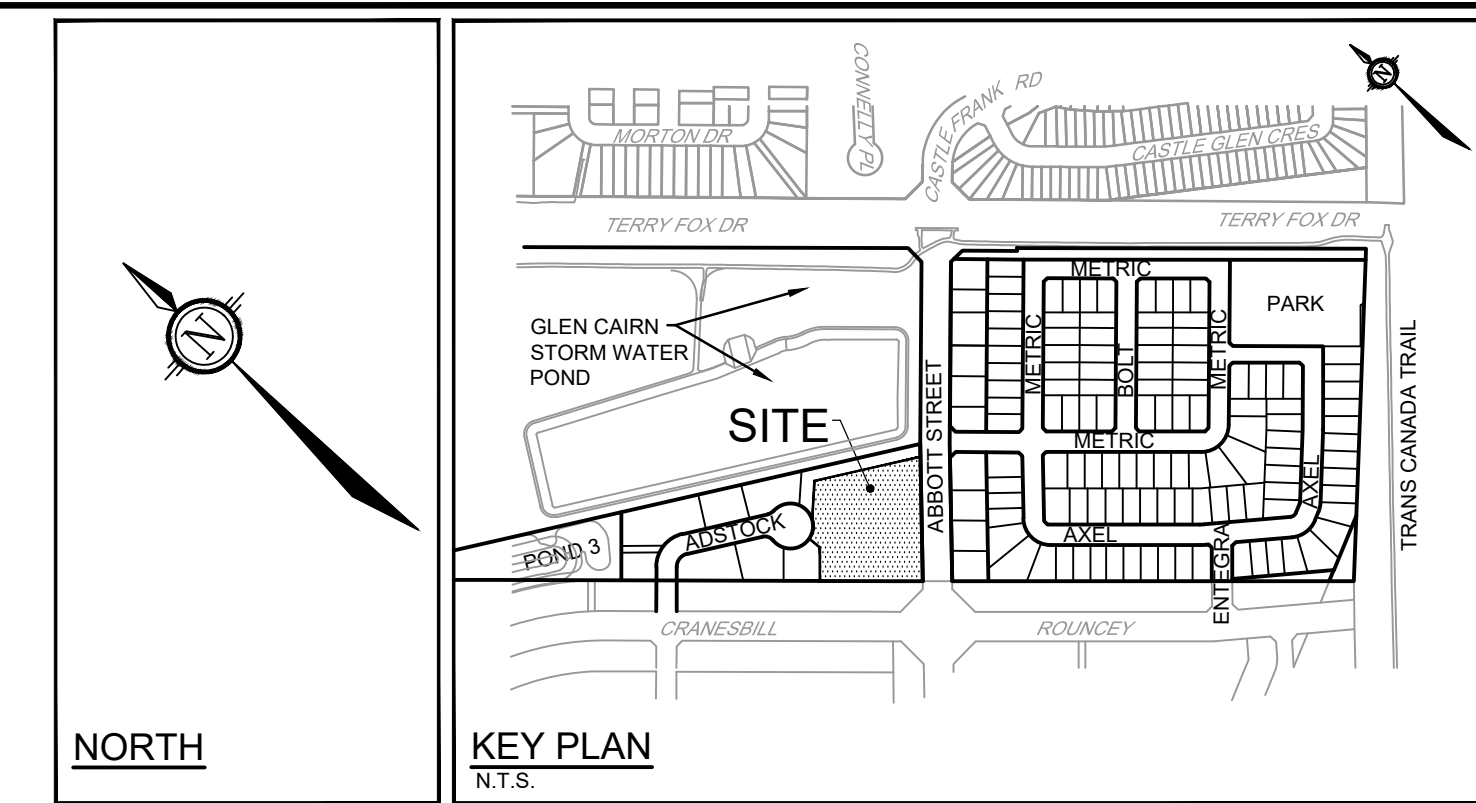
Planting bed no.	Available Soil Area (sq m)	Available Soil Volume* (cu m)	No. of trees proposed			Total No. of trees	Min. required Soil volume total (cu m)
			Small (min. 25m <sup>3</sup> soil for single & 15m <sup>3</sup> for shared)	Medium (min. 30m <sup>3</sup> soil for single & 18m <sup>3</sup> for shared)	Large (min. 35m <sup>3</sup> soil for single & 20m <sup>3</sup> for shared)		
Planting bed 1	121	182	1	2	3	51.00	
Planting bed 2	52	79		0	0	0.00	
Planting bed 3	52	78		0	0	0.00	
Planting bed 4	165	248		3	3	54.00	
Planting bed 5	51	76		0	0	0.00	
Planting bed 6	51	77		1	1	30.00	
Planting bed 7	32	48		0	0	0.00	
Planting bed 8	38	56	1		1	25.00	
Planting bed 9	17	26	1		1	25.00	
Planting bed 10	30	46			2	40.00	
Planting bed 11	31	46			2	40.00	
Planting bed 12	453	680	2	4	8	142.00	
Planting bed 13	101	151		4	4	72.00	
Planting bed 14	351	527	3	5	8	135.00	
Planting bed 15	139	209		2	2	36.00	

\*Note 1: For all planting beds proposed, the available soil depth is considered to be 1.5m due to clay soil conditions.

**CANOPY COVERAGE CALCULATION**

PROPOSED CANOPY COVERAGE AT MATURITY				
SIZE OF PROPOSED TREE	AVERAGE MATURE SPREAD	CANOPY COVERAGE PER TREE AT MATURITY (m <sup>2</sup> )	QUANTITY OF TREES	TOTAL CANOPY COVERAGE
Deciduous trees- Small	5m	20	8	160
Deciduous trees- Medium	10m	79	21	1659
Deciduous trees- Large	14m	154	6	924
<b>TOTAL PROPOSED CANOPY COVERAGE (m<sup>2</sup>):</b>				<b>1,819</b>
<b>TOTAL SITE AREA (m<sup>2</sup>):</b>				<b>8,155</b>
<b>EST. PROPOSED CANOPY COVERAGE (%):</b>				<b>22%</b>

- Area of a circle = (r x r) x π
- Canopy coverage per tree calculation: (average mature spread/2) x (average mature spread/2) x π
- ROW trees along Abbott Street have not been counted under the retained canopy coverage category.



- LEGEND**
- PROPERTY LIMIT
  - PROPOSED CONCRETE
  - RIVER STONE
  - SOIL AVAILABILITY
  - PERENNIALS
  - ORNAMENTAL GRASSES
  - PROPOSED DECIDUOUS TREE
  - EXISTING TREES TO REMAIN
  - PROPOSED TREE PROTECTION FENCE
  - CANOPY COVER OF TREES AT MATURITY
  - PROPOSED SHRUBS
  - PROPOSED WOOD PRIVACY FENCE 1.8m HT
  - EXISTING WOOD PRIVACY FENCE 1.8m HT (BY OTHERS)
  - 4.5m TREE SETBACK FROM THE BUILDING, PER GEOTECH REPORT
- 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.
- CONSTRUCTION**
- 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.
  - Together 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 instructed by the Contract Administrator. The commencement of work implies Contractor acceptance of the conditions.
  - Contractor to check and report any discrepancies before commencing work. No responsibility is borne by the Consultants for subsurface conditions.
  - Contractor to check and verify all dimensions and quantities on site and report any errors or omissions to the Consultant.
  - Contractor is responsible for all fees arising from the completion of works conveyed by these drawings, details, and specifications.
  - 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.
  - Contract Administrator is to approve access point(s) prior to mobilization.
  - A Contractor flagman is required to direct all deliveries of machinery or materials to the site.
  - Contractor to coordinate and schedule all work with other trades and contractors. Contractor is to notify Contract Administrator of any schedule difficulties.
  - 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.
  - 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.
  - Contractor is responsible to take all necessary measures to control dust on the project site and to the satisfaction of the Contract Administrator.
  - Contractor is responsible for all layout for construction purposes.
  - Contractor is to protect all iron bars. Replace any disturbed bars by Owner at the Contractor expense.
  - The Contractor is to notify the Contract Administrator upon completion of the required works to schedule an inspection for acceptance.

**APPROVED**  
By Sean Moore at 1:09 pm, May 27, 2026

*SM*

**SEAN MOORE MCIP, RPP**  
MANAGER, DEVELOPMENT REVIEW - WEST  
PLANNING, INFRASTRUCTURE & ECONOMIC  
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

REVIEWED BY DEVELOPMENT REVIEW BRANCH

Signed \_\_\_\_\_

Date \_\_\_\_\_ 2026

Plan Number 19360

LEGAL DESCRIPTION:  
Block 123, Plan 4M-1616, Ottawa

C:\Users\10007\OneDrive\Desktop\123110037\_1\_B14123.dwg, L2, Apr 16, 2026, 5:59pm, 19360

**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:**  
SPB Developments Inc.  
c/o Sherrin Barrer at Metric Homes  
4829 Abbott Street East  
Kanata, ON K2V 0L4  
Phone: (613) 301-7792

**Architect:**  
Hobin Architecture Inc.  
c/o Todd Duckworth  
63 Pamela Street,  
Ottawa, ON K1S 3K7  
Phone: (613) 651-8954

**Civil:**  
Novatech Engineers, Planners & Landscape Architects  
c/o Alex McAuley  
240 Michael Cowpland Drive,  
Ottawa, ON, K2M 1P6  
Phone: 613.254.9643

**Planning:**  
Novatech Engineers, Planners & Landscape Architects  
c/o Miranda Virginio  
240 Michael Cowpland Drive,  
Ottawa, ON, K2M 1P6  
Phone: 613.254.9643

**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
7.	REVISED PER CITY AND MVCA COMMENTS	APR 22/26	RGJ
6.	RE-ISSUED FOR SITE PLAN APPLICATION	MAR 11/26	RGJ
5.	ISSUED FOR PATERSON REVIEW	FEB 12/26	RGJ
4.	ISSUED FOR COORDINATION	JAN 27/26	RGJ
3.	RE-ISSUED FOR SITE PLAN APPLICATION	AUG 07/25	RGJ
2.	ISSUED FOR SITE PLAN APPLICATION	JUN X25	RGJ
1.	ISSUED FOR COORDINATION	JUN 5/25	RGJ

SCALE	FOR REVIEW ONLY
1:200	TCB
1:200	RGJ
1:200	TCB
1:200	RGJ
1:200	RGJ

**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

SPB DEVELOPMENTS INC.  
METRIC HOMES SUBDIVISION - BLOCK 123  
4829 ABBOTT STREET EAST, KANATA

DRAWING NAME  
**LANDSCAPE DETAILS,  
CANOPY COVERAGE AND SOIL  
AVAILABILITY CALCULATIONS**

PROJECT NO.: 110037  
REV: REV #7  
DRAWING NO.: 110037-B123-2

#19360