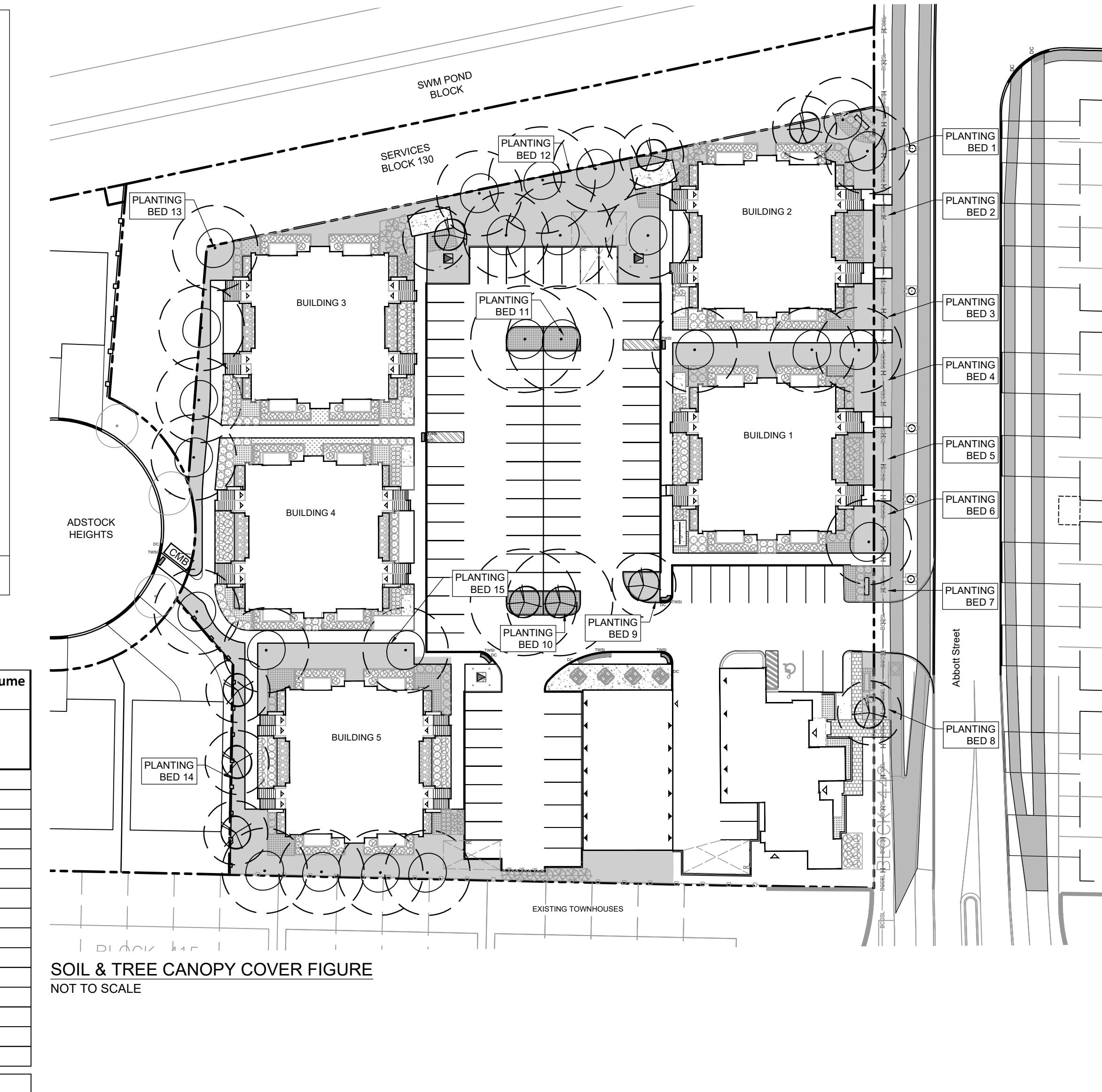


SOIL AVAILABILITY CALCULATION

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 ³ soil for single & 15m ³ for shared)	Medium (min. 30m ³ soil for single & 18m ³ for shared)	Large (min. 35m ³ soil for single & 20m ³ 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.



- GENERAL**
1. Read and interpret this drawing's 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 reinstate all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.
- CONSTRUCTION**
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. 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.
 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 specifications.
 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 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.

CANOPY COVERAGE CALCULATION

SIZE OF PROPOSED TREE	PROPOSED CANOPY COVERAGE AT MATURITY		TOTAL CANOPY COVERAGE
	AVERAGE MATURE SPREAD	CANOPY COVERAGE PER TREE AT MATURITY (m ²)	
Deciduous trees- Small	5m	20	160
Deciduous trees- Medium	10m	79	1659
Deciduous trees- Large	14m	154	924
TOTAL PROPOSED CANOPY COVERAGE (m²):			1,819
TOTAL SITE AREA (m²):			8,155
EST. PROPOSED CANOPY COVERAGE (%):			22%

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

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

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

Civil:
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Phone: (613) 651.8954

Planning:
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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



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

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