

information.

specifications.

the specifications and notes.

Contract Administrator.

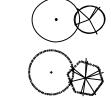
CONSTRUCTION

LEGEND

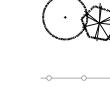
PROPERTY LIMIT PROPOSED CONCRETE RIVER STONE

SOIL AVAILABILITY PERENNIALS

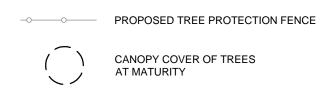
ORNAMENTAL GRASSES



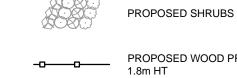
PROPOSED DECIDUOUS TREE



EXISTING TREES TO REMAIN



CANOPY COVER OF TREES AT MATURITY



PROPOSED WOOD PRIVACY FENCE



instructed by the Contract Administrator. The commencement of work implies Contractor acceptance of the EXISTING WOOD PRIVACY FENCE 1.8m HT (BY OTHERS) 3. Contractor to check and report any discrepancies before commencing work. No responsibility is borne by the

Consultants for subsurface conditions. 4.5m TREE SETBACK FROM THE BUILDING, 4. Contractor to check and verify all dimensions and quantities PER GEOTECH REPORT 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.

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

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

3. It is essential to use the plans and details in conjunction with

5. Protect all existing and retained vegetation for the duration of construction according to the contract details and

6. 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

1. All general site information and conditions are compiled from

are supplied for information purposes only. It is the

information obtained from this plan.

Consultant field notes and plans provided by the Owner and

responsibility of the Contractor to verify the accuracy of all the

2. Together with all Subcontractors involved, the Contractor is to

examine all surfaces or conditions relating to the work, in

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

order to determine the acceptability of such surfaces or

4. Do not scale drawings. Work to dimensions only.

users of the site with appropriate control fence and supervision throughout the construction period, to the satisfaction of the Consultant.

7. Contractor to coordinate all access and protect the public and

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.

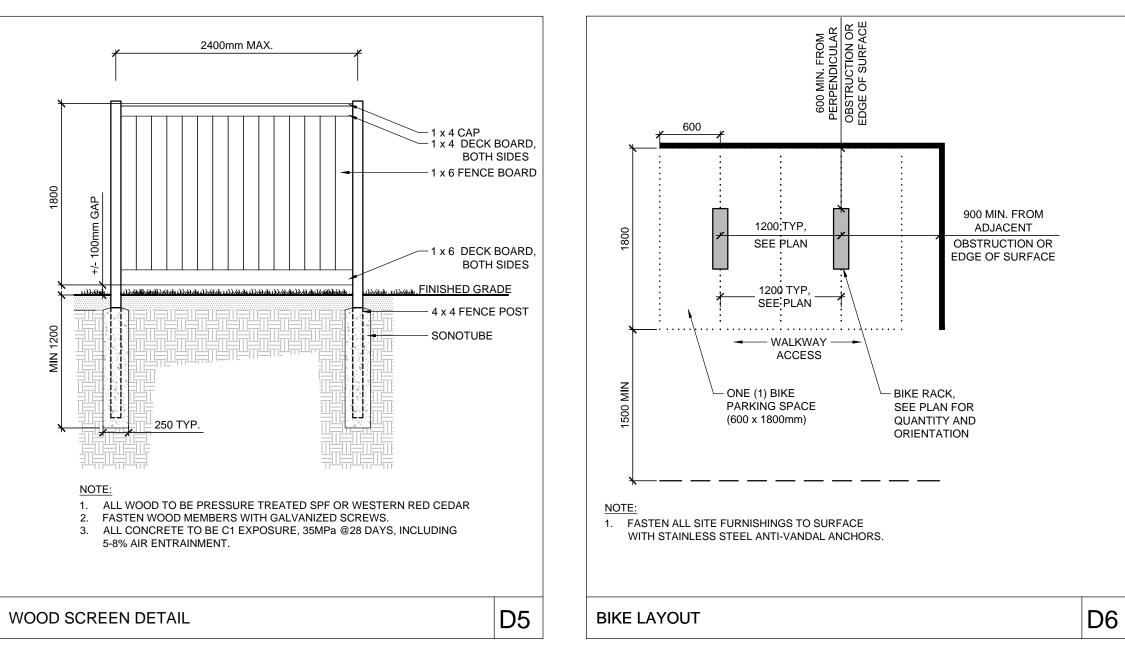
13. Contractor is responsible to take all necessary measures to control dust on the project site and to the satisfaction of the

Contract Administrator. 14. Contractor is responsible for all layout for construction

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.



SOIL AVAILABILITY CALCULATION

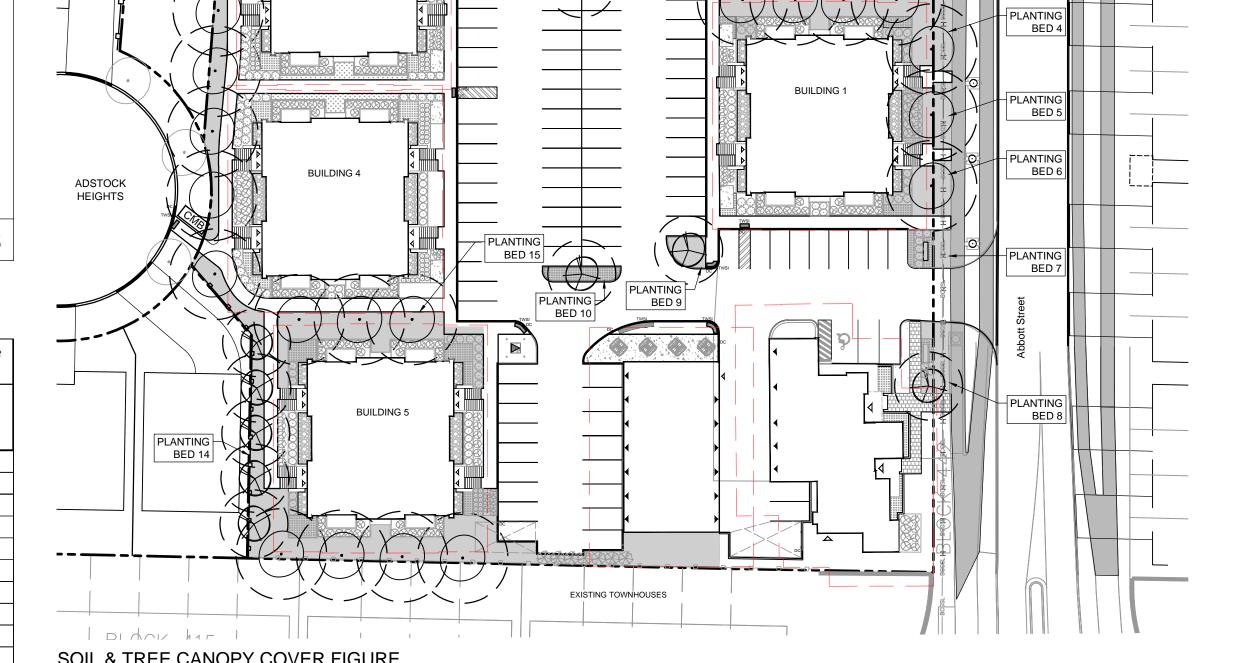
| Planting bed no. | Available Soil Area (sq m) | Available Soil Volume* (cu m) | No. of trees proposed | | | Total No. of trees | Min. required Soil volume total (cu m) |
|------------------|-------------------------------|----------------------------------|--|---|---|-----------------------|--|
| | | | Small (min. 25m³ soil for single & 15m³ for | Medium (min. 30m³ soil for single & 18m³ for | Large (min. 35m³ soil for single & 20m³ for | | - |
| | | | shared) | shared) | shared) | | |
| Planting bed 1 | 108 | 162 | 2 | 2 | | 4 | 66.00 |
| Planting bed 2 | 52 | 79 | | 1 | | 1 | 30.00 |
| Planting bed 3 | 52 | 78 | | 1 | | 1 | 30.00 |
| Planting bed 4 | 164 | 246 | | 5 | | 5 | 90.00 |
| Planting bed 5 | 51 | 76 | | 1 | | 1 | 30.00 |
| Planting bed 6 | 49 | 73 | | 1 | | 1 | 30.00 |
| Planting bed 7 | 29 | 43 | | | | NA | 0.00 |
| Planting bed 8 | 38 | 56 | 1 | | | 1 | 25.00 |
| Planting bed 9 | 18 | 28 | 1 | | | 1 | 25.00 |
| Planting bed 10 | 17 | 26 | 1 | | | 1 | 25.00 |
| Planting bed 11 | 17 | 26 | 1 | | | 1 | 25.00 |
| Planting bed 12 | 441 | 661 | 2 | 4 | 1 | 6 | 122.00 |
| Planting bed 13 | 134 | 200 | | 6 | | 6 | 108.00 |
| Planting bed 14 | 351 | 527 | 5 | 5 | | 10 | 165.00 |
| Planting bed 15 | 143 | 214 | | 3 | | 3 | 54.00 |

CANOPY COVERAGE CALCULATION

| PROPOSED CANOPY COVERAGE AT MATURITY | | | | | | | | | | |
|---|----------------|-----------------------|-------------|--------------|--|--|--|--|--|--|
| | AVERAGE MATURE | CANOPY COVERAGE PER | QUANTITY OF | TOTAL CANOP | | | | | | |
| SIZE OF PROPOSED TREE | SPREAD | TREE AT MATURITY (m2) | TREES | COVERAGE (m2 | | | | | | |
| Deciduous trees- Small | 4.5m | 16 | 13 | 20 | | | | | | |
| Deciduous trees- Medium | 12m | 79 | 29 | 229 | | | | | | |
| Deciduous trees- Large | 15m | 177 | 1 | 17 | | | | | | |
| | | | | | | | | | | |
| TOTAL PROPOSED CANOPY COVERAGE (m2): | | | | | | | | | | |
| | | | | | | | | | | |
| TOTAL SITE AREA (m2): | | | | | | | | | | |
| | | | | | | | | | | |
| EST. PROPOSED CANOPY COVERAGE (%): | | | | | | | | | | |
| 1. Area of a circle = $(r \times r) \times \pi$ | | | | | | | | | | |

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.

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



BFD 11

SOIL & TREE CANOPY COVER FIGURE

NOT TO SCALE

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

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: SPB Developments Inc, c/o Shawn Barnier at Metric Homes 4829 Aboott Street East Kanata, ON K2V 0L4 Phone: (613) 301-7792 Civil:

Novetech Engineers, Planners

& Landscape Architects,

c/o ALex McAuley

240 Michael Cowpland Drive,

Ottawa, ON, K2M 1P6

Phone: 613.254.9643

Architect Hobin Architecture Inc c/o Todd Duckworth 63 Pamilla Street, Ottawa, ON K1S 3K7 Phone: (613) 651.8954 Planning Novetech Engineers, Planners & Landscape Architects, c/o Miranda Virginillo 240 Michael Cowpland Drive,

Ottawa, ON, K2M 1P6

Phone: 613.254.9643

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.

1:200 RE-ISSUED FOR SITE PLAN APPLICATION AUG 07/25 ISSUED FOR SITE PLAN APPLICATION JUN X/25 ISSUED FOR COORDINATION JUN 5/25 DATE REVISION

SCALE

REFER TO THE TREE PROTECTION NOTES, FOUND ON THE PLANS

PRIOR TO ANY WORK ACTIVITY,

THE PLAN AND THE INSTALLED

FENCE MUST BE APPROVED BY

TREE PROTECTION FENCE SHALL

ZONE (CRZ = DBH x 10). SEE PLAN

TREE PROTECTION TO REMAIN IN

GOOD CONDITION UNTIL THE SOD/

SEED IS STARTED; REMOVE FENCE

MEASURED FROM OUTSIDE EDGE

TREE PROTECTION SIGNAGE AS

MUST BE CONSTRUCTED OF RIGID

TREE PROTECTION FENCING

OR FRAMED MATERIALS. eg.

- PLYWOOD HOARDING, OR SNOW FENCE ON 2x4" FRAME.

POSTS SHALL BE MAX. 2.4m

SECURED TO PREVENT

LOCATION.

EXISTING ROOTS

APART, AND POSTS SHALL BE

ALTERATIONS TO THE FENCE

ALL SUPPORTS AND BRACING

MUST BE PLACED OUTSIDE OF

THE CRZ, AND INSTALLATION

MUST MINIMIZE DAMAGE TO

PLACE AND BE MAINTAINED IN

AT BASE OF TRUNK

PER CITY STANDARD

- MODULOC - STEEL,

BE ERECTED TO PROTECT AND

ENCLOSE THE CRITICAL ROOT

CITY FORESTRY STAFF.

FOR LOCATION.

AT THIS TIME.

AND/ OR REPORT.

TREE PROTECTION BY-LAW (No. 2020-340

SOIL AND ROOT DISTURBANCE NOT PERMITTED

BUILDING 2

FOR REVIEW ONLY ON G. JAMA

Engineers, Planners & Landscape Architects Suite 200, 240 Michael Cowpland Drive Ottawa, Ontario, Canada K2M 1P6 Facsimile Website (613) 254-5867 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**

REV # 3 110037-B123-L2