

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COND	SPACING	NATIVE/NON-NATIVE*
ROW - Coniferous Trees							
LL	2	<i>Larix laricina</i>	Tamarack	200cmHt	WB	As Shown	L
ROW - Deciduous Trees (Large)							
QM	3	<i>Quercus macrocarpa</i>	Burr Oak	50mmCal	WB	As Shown	L
QR	5	<i>Quercus rubra</i>	Red Oak	50mmCal	WB	As Shown	L
UAP	5	<i>Ulmus americana 'Princeton'</i>	Princeton Elm	50mmCal	WB	As Shown	C
ROW - Deciduous Trees (Medium)							
AR	3	<i>Acer rubrum</i>	Red Maple	50mmCal	WB	As Shown	L
COC	1	<i>Celtis occidentalis 'Chicagoland'</i>	Chicagoland Hackberry	50mmCal	WB	As Shown	C
GTI	2	<i>Gleditsia triacanthos var. inermis 'Impcoie'</i>	Imperial Honeylocust	50mmCal	WB	As Shown	C
NS	1	<i>Nyssa sylvatica</i>	Black Gum	50mmCal	WB	As Shown	P
ROW - Deciduous Trees (Small)							
AC	2	<i>Amelanchier canadensis (Single stem)</i>	Shadblow Serviceberry	50mmCal	WB	As Shown	L
MR	6	<i>Malus 'Royalty'</i>	Royalty Crabapple	50mmCal	WB	As Shown	C
Coniferous Trees							
FRG	2	<i>Picea pungens var. glauca</i>	Colorado Blue Spruce	200cmHt	WB	As Shown	C
Deciduous Trees (Large)							
ASI	3	<i>Acer saccharinum</i>	Silver Maple	50mmCal	WB	As Shown	L
QM	3	<i>Quercus macrocarpa</i>	Burr Oak	50mmCal	WB	As Shown	L
TAR	3	<i>Tilia americana 'Redmond'</i>	Redmond Linden	50mmCal	WB	As Shown	C
UAP	1	<i>Ulmus americana 'Princeton'</i>	Princeton Elm	50mmCal	WB	As Shown	C
Deciduous Trees (Medium)							
AFAF	2	<i>Acer x freemanii 'Autumn Fantasy'</i>	Autumn Fantasy Maple	50mmCal	WB	As Shown	C
ARR	4	<i>Acer rubrum 'Frank Jr'</i>	Redpointe Red Maple	50mmCal	WB	As Shown	C
COC	2	<i>Celtis occidentalis 'Chicagoland'</i>	Chicagoland Hackberry	50mmCal	WB	As Shown	C
NS	1	<i>Nyssa sylvatica</i>	Black Gum	50mmCal	WB	As Shown	P
Deciduous Trees (Small)							
AC	2	<i>Amelanchier canadensis (Single stem)</i>	Shadblow Serviceberry	50mmCal	WB	As Shown	L
MR	1	<i>Malus 'Royalty'</i>	Royalty Crabapple	50mmCal	WB	As Shown	C
PA	2	<i>Prunus americana</i>	American Plum	50mmCal	WB	As Shown	P
Deciduous Shrubs							
Am	30	<i>Aronia melanocarpa</i>	Black Chokeberry	60cmHt	PT	80cmOC	L
Csk	22	<i>Cornus sericea 'Kelsey'</i>	Kelsey Dogwood	40cmHt	PT	90cmOC	C
Di	45	<i>Dieriva lonicera</i>	Bush Honeysuckle	50cmHt	PT	100cmOC	L
Perennials							
pbc	58	<i>Phlox subulata 'Emerald Blue'</i>	Emerald Blue Creeping Phlox	1g	PT	50cmOC	C
cvm	40	<i>Coreopsis verticillata 'Moonbeam'</i>	Moonbeam Threadleaf Coreopsis	1g	PT	50cmOC	C
Groundcovers / Ornamental Grasses							
pavg	22	<i>Panicum virgatum</i>	Switch Grass	1g	PT	100cmOC	P

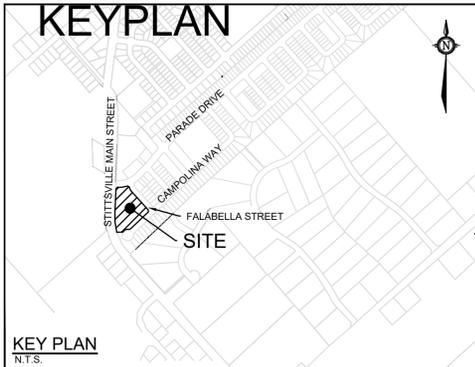
PRODUCT INFORMATION

Install products as per manufacturer specifications. Shop drawings required.

BOULDERS
• Sizes: 1.0-1.4m L x 0.8-1.0m W x 0.6-0.8m H

BENCH
• 2300 Series - Iconic Backed Benches by Maglin
Product Number: MBE-2300-00015
Frame: Aluminium legs and Steel brackets,
Ipe Wood boards Cedar Color,
Backed Benches
Size: 84cm H X 177.8cm L X 64.7cm Depth
Fixture: Surface Mount

BIKE RACKS
• 2300 Series - Iconic Bike Racks by Maglin
Capacity: 2 bikes / rack
Size: 26.5" H X 20.5" L X 2" Depth
Fixture: Surface mounted
Colour: Powder Coat - Silver Metallic



- LEGEND**
- 3-D1: DETAIL SHEET # NOVATECH OR CITY DETAIL NUMBER SEE LIST FOR CODE
 - PROPERTY LIMIT
 - PROPOSED CONCRETE
 - PROPOSED PAVERS
 - STEPPING STONES
 - RIVER STONE
 - SOD
 - SHRUBS, PERENNIALS & GRASSES
 - PROPOSED REINSTATEMENT SEEDMIX
 - PROPOSED DECIDUOUS TREE
 - EXISTING STREET LIGHTS
 - DECORATIVE PRIVACY SCREEN 1.2m HT
 - PROPOSED BOULDERS
 - PROPOSED LIGHT POLE LOCATIONS. SEE ELECTRICAL FOR MORE DETAILS
 - PROPOSED BENCHES
 - PROPOSED BIKE RACKS
 - EXISTING TREES

- CITY DETAILS**
Related details from City of Ottawa Standard Tender Documents Volume No. 2 Standard Detail Drawings.
- SC4. Typical Concrete Sidewalk in Boulevard
 - SC5. Sidewalk Construction Joints
 - SC7.1 Curb Return Entrances - Uncontrolled Intersections

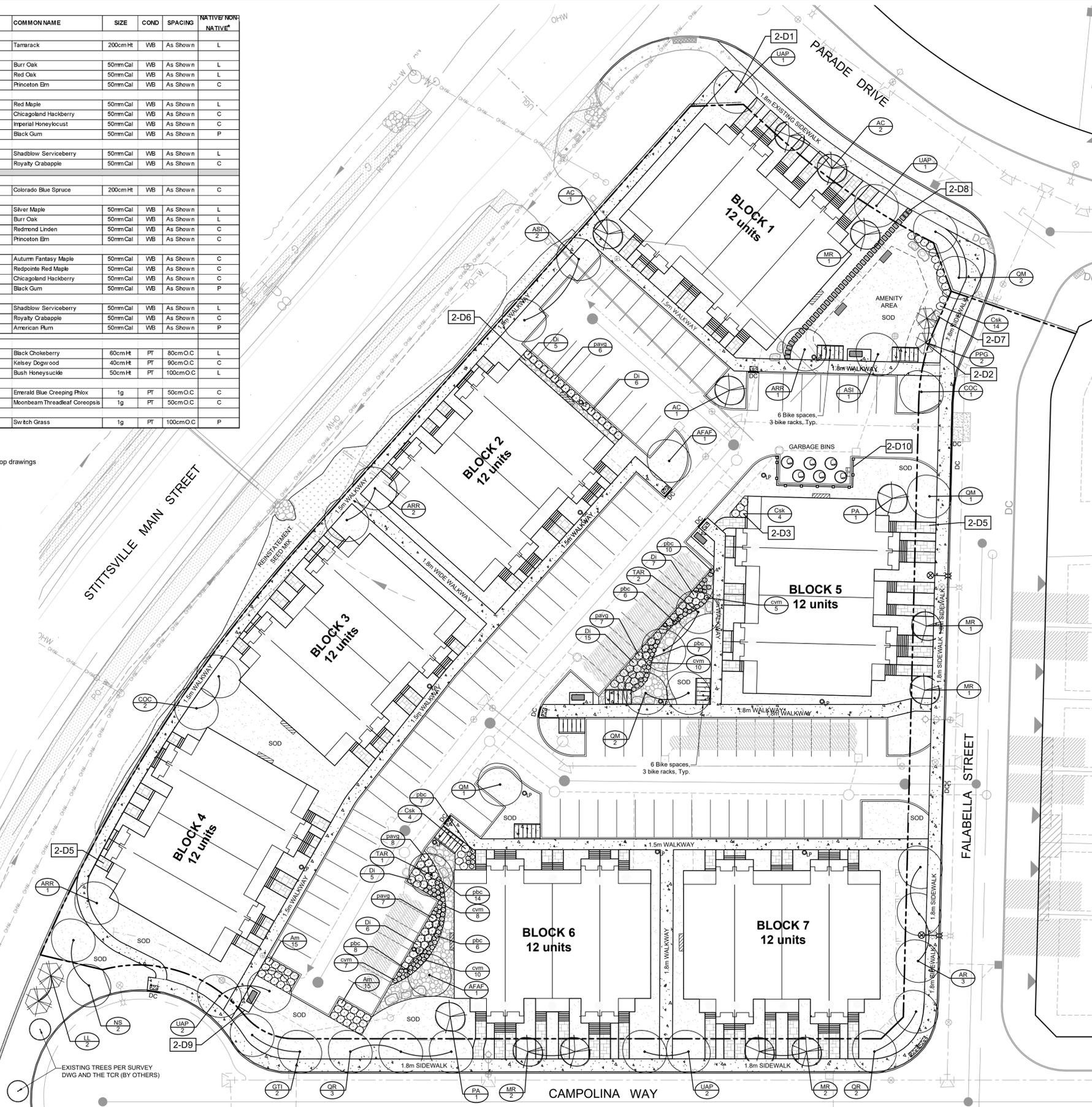
- NOVATECH DETAILS**
Found on Sheet L2.
- D1. Standard Deciduous Tree Planting
 - D2. Standard Coniferous Tree Planting
 - D3. Shrub and Perennial Planting
 - D4. Bike Layout
 - D5. Pavers On Granular
 - D6. River Stone
 - D7. Boulder Detail
 - D8. Stepping Stones
 - D9. Bench On Accessible Concrete Pad
 - D10. Decorative Privacy Fence

- GENERAL**
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- PLANTING**
- 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 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 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.
 - Plant material substitutions are not permitted without the written approval from the Consultant, with 48 hours notice, prior to shipping plant material.
 - Plant locations are schematic / approximate only. Contractor is to stake out locations on site for approval by the Landscape Architect prior to installation. Contractor to report any discrepancies to the Landscape Architect prior to installation. Contractor will assume full responsibility if the Landscape Architect is not notified.
 - 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.
 - Ensure trees are thoroughly watered following planting. Monitor material and ensure adequate moisture until acceptance.
 - In heavy clay or poorly drained soils, set root ball with root collar 75-100mm higher than finished grade.
 - Approved topsoil depths are as follows:
 - Plant Beds - 450mm continuous depth. Applies to shrubs, perennials, vines, and groundcovers.
 - Sod/ Seed Areas - 100mm depth.
 - Reforestation - 300mm depth.
 - 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.
 - Apply the following mineral fertilizer unless soil tests show other requirements:
 - Plant Beds - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash per manufacturer specifications.
 - Sod Areas - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash at a rate of 350kg/ha.
 - 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.

- SEED MIX AND APPLICATION**
- For the reinstatement areas along west side of the subject site -
- For slopes steeper than 3:1, Contractor to apply erosion control blanket. Erosion control blanket to be machine woven mats made from natural wood, coco or cotton fiber, or combination depending on manufacturer, with stitching between two photo-degradable natural organic fiber nettings. Submit products for approval by Consultant. OPSS 804 applies except as may be amended and extended herein.
- In addition to the specified seed mixes, all applications are to include a nurse crop as noted.
- NURSE CROP**
Annual Ryegrass
Seeding Rate: 25 kg/hectare
- REINSTATEMENT AREA SEED MIX BY DLF PICKSEED**
Seeding Rate: 22-25 kg/hectare

SOURCE REFERENCE:
PLAN OF SUBDIVISION OF PART OF LOTS 22, 23 AND 24 CONCESSION 9 GEOGRAPHIC TOWNSHIP OF GOULBURN AND BLOCK 198 REGISTERED PLAN 4M-1163 CITY OF OTTAWA, PREPARED BY ANNIS, O-SULLIVAN, VOLLEBEK LTD. ON FEBRUARY 18, 2017, (PLAN 4M-1589)
TOPOGRAPHIC INFORMATION:
TOPOGRAPHIC PLAN OF SURVEY OF BLOCK 349 REGISTERED PLAN 4M-1589, PREPARED BY J. D. BARNES LTD. ON AUGUST 19, 2024

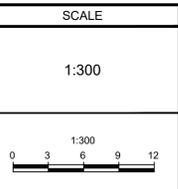


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c/o Olivia Hughes
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Kanata, ON, K2K 2M5

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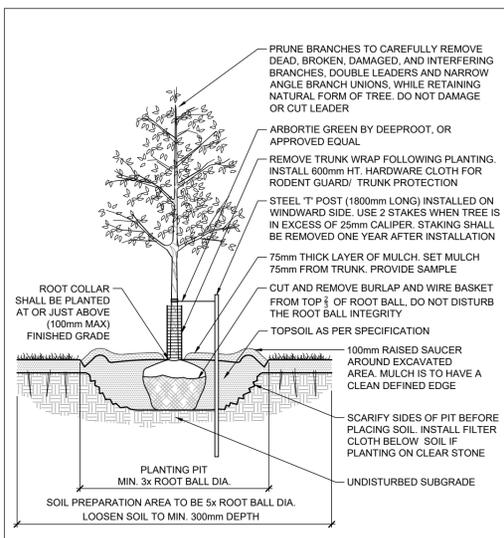
DESIGN	TB
CHECKED	SC
DRAWN	TB
CHECKED	SC
APPROVED	RJ

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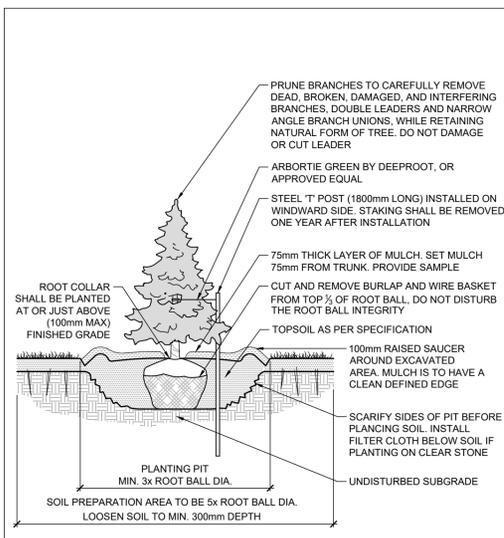


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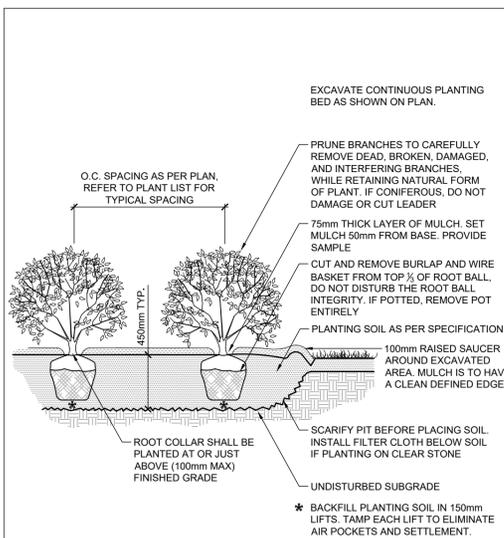
LOCATION	STITTSVILLE, OTTAWA 1883 STITTSVILLE MAIN STREET
DRAWING NAME	LANDSCAPE PLAN
PROJECT No.	124097
REV	REV #5
DRAWING No.	124097-L1



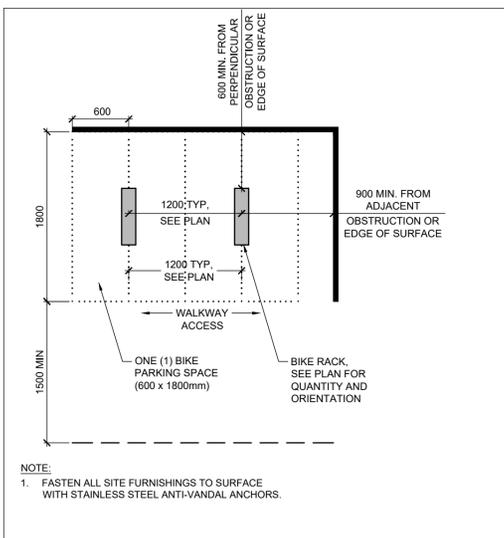
STANDARD DECIDUOUS TREE PLANTING D1



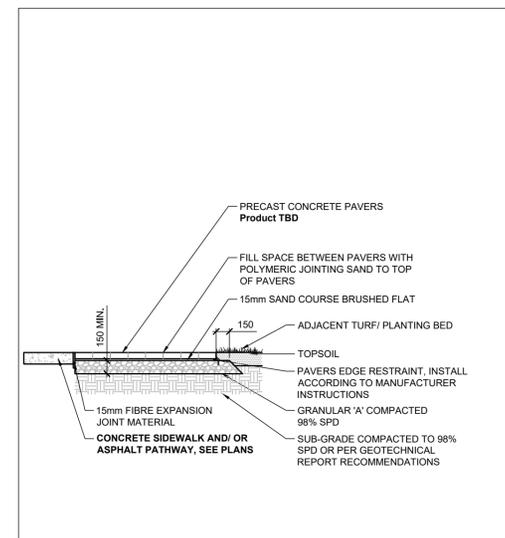
STANDARD CONIFEROUS TREE PLANTING D2



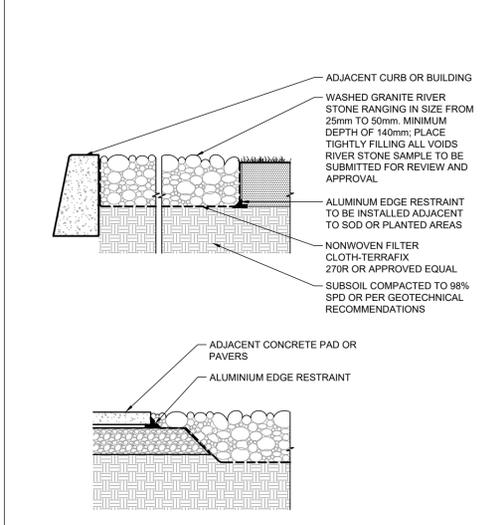
SHRUB AND PERENNIAL PLANTING D3



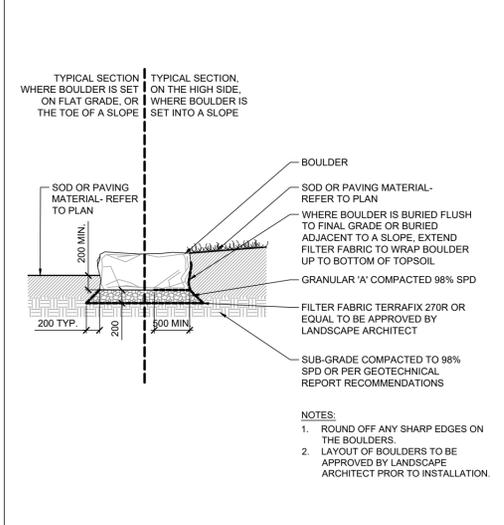
BIKE LAYOUT D4



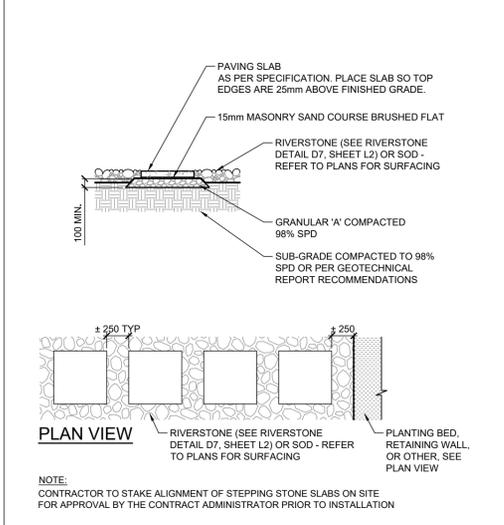
PAVERS ON GRANULAR D5



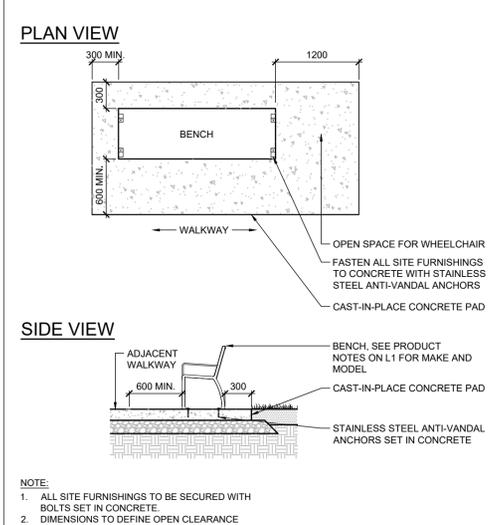
RIVER STONE D6



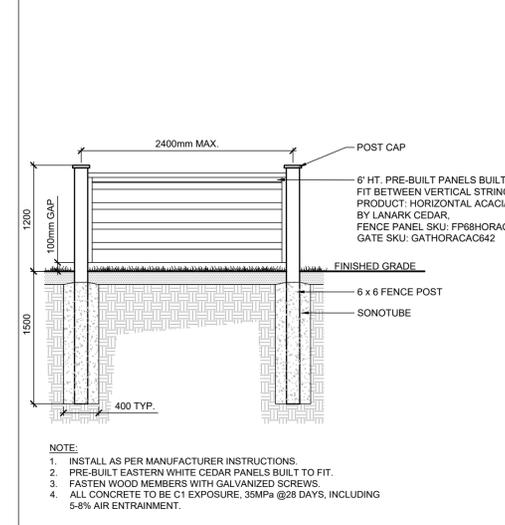
BOULDER DETAIL D7



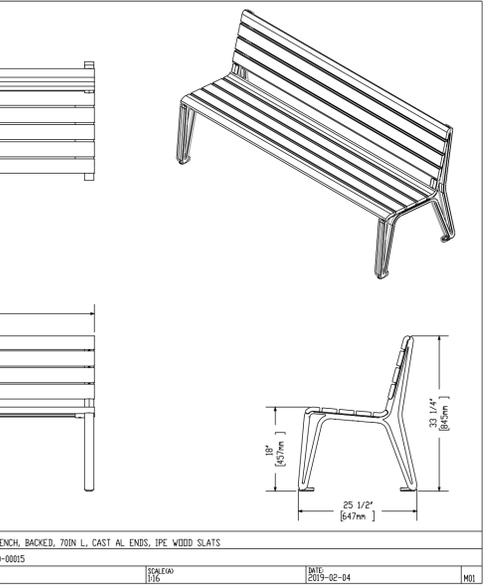
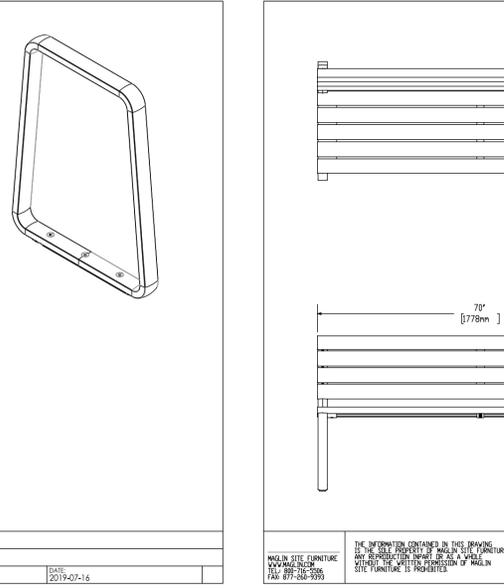
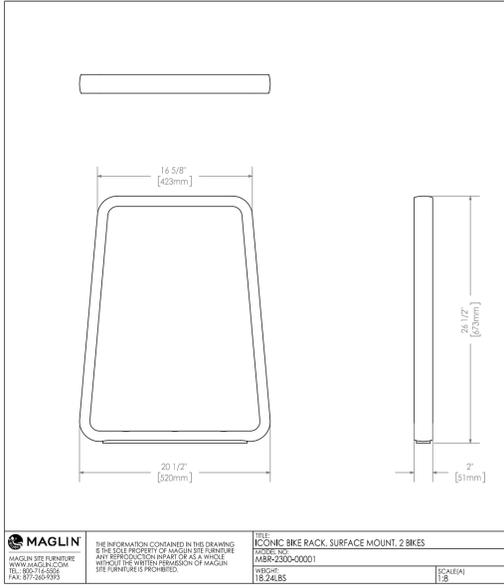
STEPPING STONES D8



BENCH ON ACCESSIBLE CONCRETE PAD D9



DECORATIVE PRIVACY SCREEN D10



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SCALE

DESIGN TB

CHECKED SC

DRAWN TB

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APPROVED RJ

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ASSOCIATION OF LANDSCAPE ARCHITECTS

DESIGN COUNCIL

MEMBER

APR 11, 2025

NOVATECH

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LOCATION

STITTSVILLE, OTTAWA

1883 STITTSVILLE MAIN STREET

DRAWING NAME

LANDSCAPE DETAILS

PROJECT No. 124097

REV # 5

DRAWING No. 124097-L2

SOIL AVAILABILITY ESTIMATE

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 (20m ²)	Medium (25m ²)	Large (30m ²)	Evergreen (25m ²)		
Planting bed 1	384	384	1	1	4	2	8	129.00
Planting bed 2	18	18	1	0	0	0	1	20.00
Planting bed 3	17	17	1	0	0	0	1	20.00
Planting bed 4	77	77	1	0	1	0	2	30.00
Planting bed 5	29	29	0	1	0	0	1	25.00
Planting bed 6	141	141	2	0	1	0	3	42.00
Planting bed 7	22	22	1	0	0	0	1	20.00
Planting bed 7a	44	44	1	0	0	0	1	20.00
Planting bed 8	57	57	0	0	2	0	2	36.00
Planting bed 9	19	19	1	0	0	0	1	20.00
Planting bed 10	66	66	1	0	0	0	1	20.00
Planting bed 11	140	140	0	2	2	0	4	66.00
Planting bed 12	51	51	0	0	1	0	1	30.00
Planting bed 13	202	202	0	0	4	0	4	72.00
Planting bed 14	19	19	1	0	0	0	1	20.00
Planting bed 15	19	19	1	0	0	0	1	20.00
Planting bed 16	74	74	0	0	1	0	1	30.00
Planting bed 17	68	68	0	0	1	0	1	30.00
Planting bed 18	19	19	1	0	0	0	1	20.00
Planting bed 19	19	19	1	0	0	0	1	20.00
Planting bed 20	372	372	1	4	4	0	9	144.00
Planting bed 21	130	130	1	0	1	0	2	30.00
Planting bed 22	191	191	0	2	0	0	2	30.00
Planting bed 23	55	55	0	1	0	0	1	25.00
Planting bed 24	52	52	0	1	0	0	1	25.00
Planting bed 25	45	45	0	0	0	0	0	0.00

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

KEYPLAN

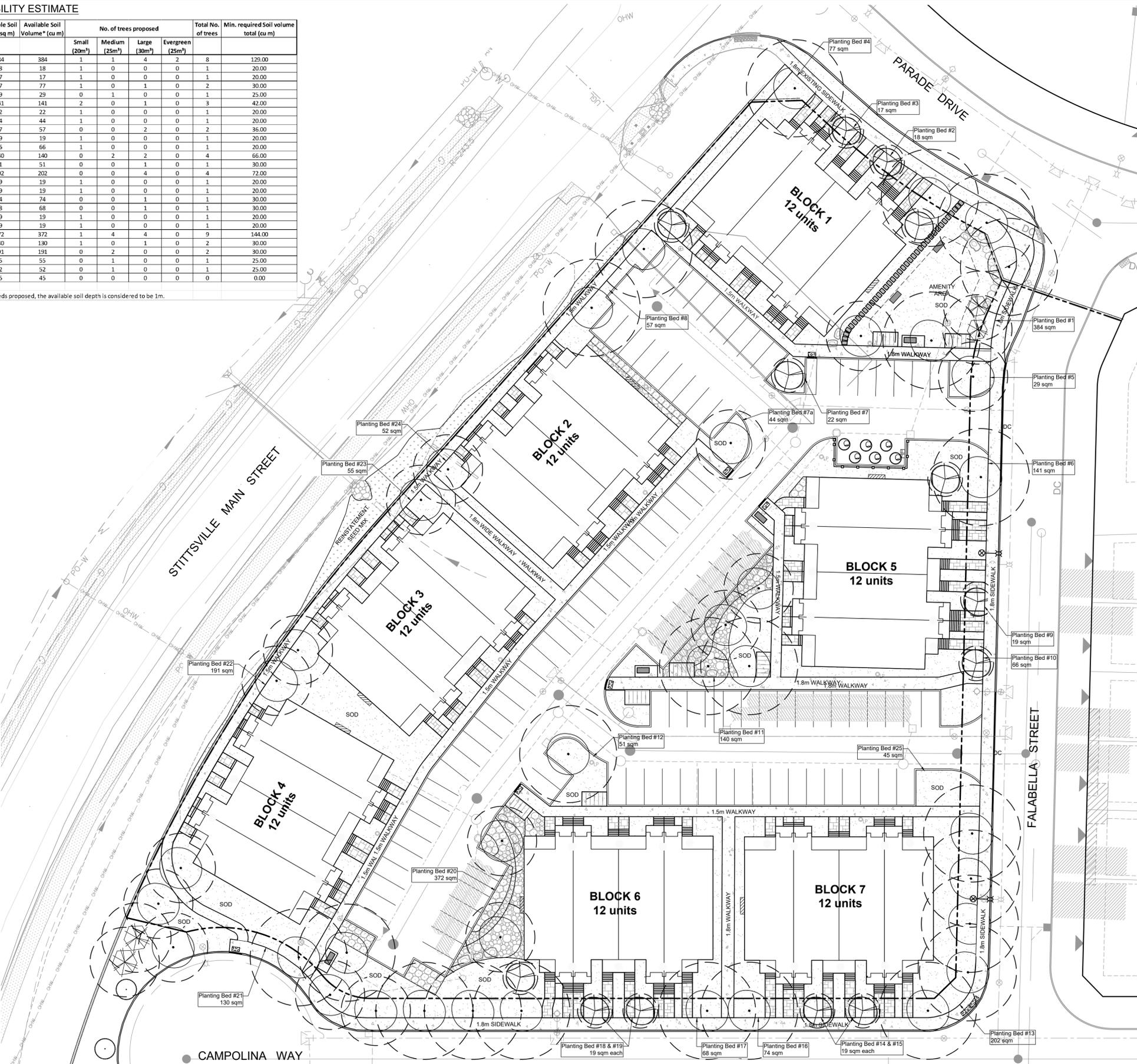


LEGEND

- PROPERTY LIMIT
- ▨ PROPOSED CONCRETE
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- PROPOSED LIGHT POLE LOCATIONS, SEE ELECTRICAL FOR MORE DETAILS
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- ▨ PROPOSED BIKE RACKS
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PROPOSED CANOPY COVER ESTIMATE

PROPOSED & RETAINED CANOPY COVERAGE AT MATURITY				
SIZE OF PROPOSED TREE	AVERAGE MATURE SPREAD	CANOPY COVERAGE PER TREE AT MATURITY (m ²)	QUANTITY OF TREES	TOTAL CANOPY COVERAGE (m ²)
Deciduous trees- Small	4.5m	16	13	208
Deciduous trees- Medium	10m	79	15	1185
Deciduous trees- Large	14m	154	23	3542
Coniferous trees	5m	20	4	76
TOTAL PROPOSED CANOPY COVERAGE (m²):				5,013
TOTAL SITE AREA FOR 1883 STITTSVILLE MAIN ST (m²):				10,476
EST. PROPOSED CANOPY COVERAGE (%):				48%

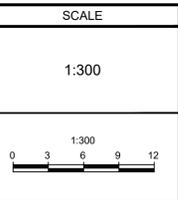
1. Area of a circle = (π r²) x π
 2. Canopy coverage per tree calculation: (average mature spread/2) x (average mature spread/2) x π

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LOCATION STITTSVILLE, OTTAWA 1883 STITTSVILLE MAIN STREET	PROJECT No. 124097
DRAWING NAME SOIL AND CANOPY PLAN	REV # REV # 4
	DRAWING No. 124097-L3