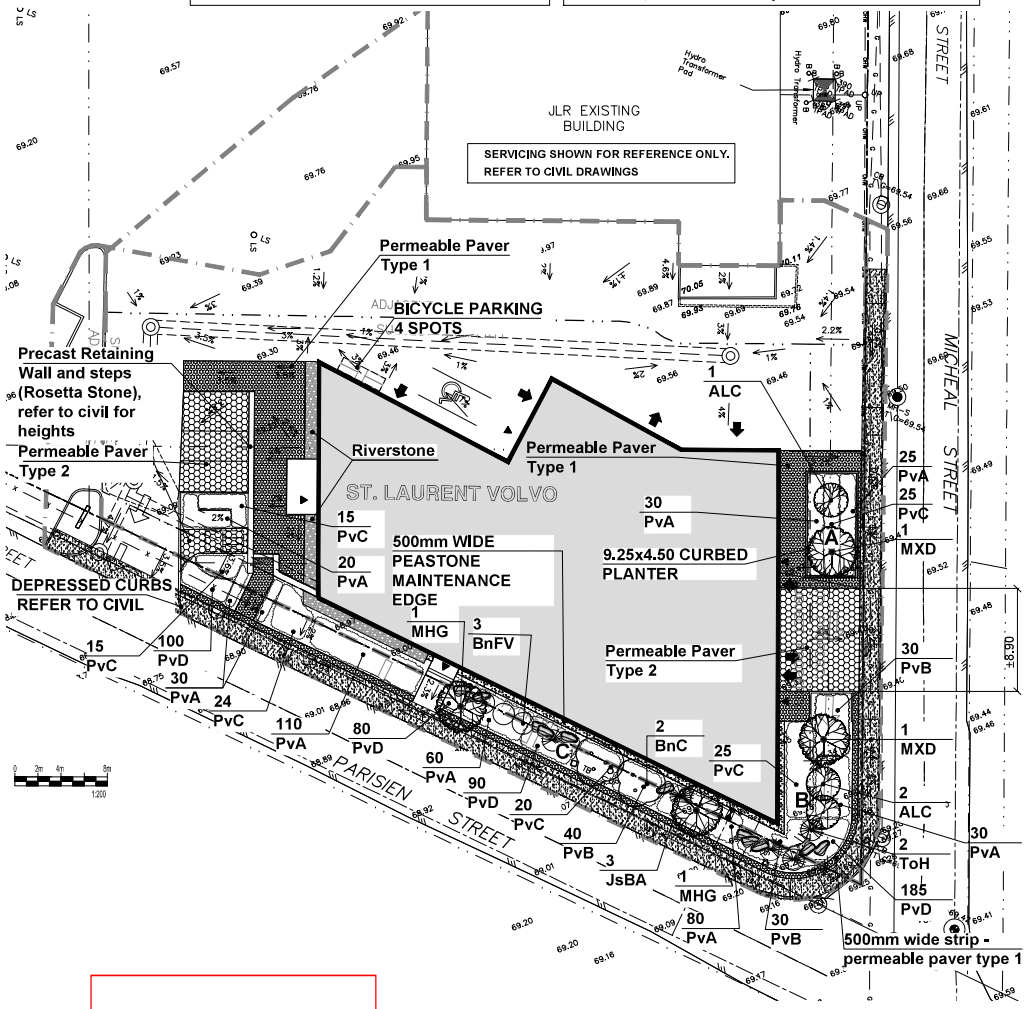
THIS PLAN IS ISSUED FOR SITE PLAN CONTROL ONLY. ADDITIONAL DETAILING AND SPECIFICATIONS ARE REQUIRED PRIOR TO TENDERING AND CONSTRUCTION.

PLAN TO BE READ IN CONJUNCTION WITH 'TREE CONSERVATION REPORT FOR 1300 MICHAEL STREET, OTTAWA' JANUARY 6, 2022 BY Andrew K. Boyd IFS ASSOCIATES.



1300 Michael				
Soil Volume Area, Tree Quantity and Size	Tree Quantity	OTTAWA Target Soil Volume (m^3)	Design Soil Volume	Soil Adequacy percentage
AREA A- 2 Ornamental trees				
plant bed (31.6 sq m x 0.6 metre deep)	2	18.0	19.0	105.33%
AREA B- 3 Ornamental trees, 2 columnar junipers/cedars*				
plant bed (65 sq m x 0.45 metre deep)	5	29.1	29.3	100.52%
AREA C - 4 Ornamental trees, 3 small ornamental trees,* 3 columnar junipers/cedars*				
plant bed (114 sq m x 0.45 metre deep)	10	49.7	51.3	103.32%

* Small ornamental trees with growth to 8-15cm DBH, columnar conifers calculated using 'How much soil to grow a big tree' by DeepRoot as a guide

Plant List

ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
		Trees			
ALC	3	Amelanchier Laevis 'Cumulus'	Cumulus Allegheny Serviceberry	50mm cal.	WB, Staked
BnC	2	Betula nigra Clump	River Birch	50mm cal.	WB, Staked
MHG	2	Malus x 'Harvest Gold'	Harvest Gold Crabapple	50mm cal.	WB, Staked
MXD		Malus X Dreamweaver	Dreamweaver Columnar Crabapple	50mm cal.	WB, Staked
		Small trees / Shrubs			
BnFV	3	Betula nigra 'Fox Valley'	Fox Valley River Birch	125cm ht.	Potted
JsBA	3	Juniperus scopulorum 'Blue Arrow'	Blue Arrow Juniper	100 cm ht.	Potted
ToH	2	Thuja occidentalis 'Holmstrup'	Holmstrup Cedar	120cm ht.	B&B / Potted
		Perennials			
PvA	385	Flowering perennials		150mm Pot	50cm o.c.
PvB	100	Flowering perennials		150mm Pot	60cm o.c.
PvC	124	Ornamental Grasses		150mm Pot	70cm o.c.
PvD	460	Ground Cover Perennials		Plugs / Flats	35cm o.c.

CONTRACTOR TO REPORT ANY DISCREPANCIES FOUND BETWEEN PLAN & PLANT LIST PRIOR TO PLANTING

Perennial types (invasive species such as Miscanthus are not to be planted

PvA: Low to mid Flowering perennials up to 60cm ht (minimum 5 species mix): Cranesbill Geranium, Low Meadow Sage, Coral Bells, Dianthus, Phlox, Daylilies, Rudbeckia.

PvB: Tall Flowering Perennials (minimum 7 species mix): Shasta Dasy, Coreflower Veronica, Tall Meadow and Russian Sage, Tall Phlox, Rudbeckia, Ostrich Fern, Joe Pye Weed, Turtlehead.

PvC: Ornamental Grasses (groupings): Feather Reed Grass, SwitchGrass, Tufted Hairgrass

PvD: Ground Cover Perennials: varieties of Thyme, Stonecrop, low Sedum

LEGEND

- PROPOSED PLANTING
- PROPOSED PEASTONE MAINTENANCE EDGE
- PROPOSED RIVERSTONE
- PROPOSED STANDARD PAVERS
- PROPOSED PERMEABLE PAVER TYPE 1
- PROPOSED PERMEABLE PAVER TYPE 2
- A B C SOIL VOLUME AREAS ID

Lucy Ramirez

LUCY RAMIREZ
PLANNER
PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By Lucy Ramirez at 1:06 pm, Feb 22, 2024

NOT FOR CONSTRUCTION
PRELIMINARY

GENERAL NOTES

.1 All general information and conditions compiled from existing site plans and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the contractor for unknown subsurface conditions.

.2 The location of the utilities is approximate only, and the exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

.3 All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the layouts as shown on this plan without prior consultation with the Landscape Architect and Owner.

.4 No other trees to be removed without prior approval by Landscape Architect.

No.	ISSUE	DATE
7		
6		
5		
4	Site Plan Control re-submission	Jul. 13/23
3	Site Plan Control re-submission	Dec. 20/22
2	Site Plan Control re-submission	Jul. 26/22
1	Site Plan Control submission	Jan. 12/22

SCALE: AS SHOWN

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PROJECT NORTH:

PROFESSIONAL STAMP: ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — ALBERTA REGISTERED — OALA MEMBER

PROFESSIONAL STAMP:

PROFESSIONAL STAMP:

PROJECT:

VOLVO ST. LAURENT
1328 MICHAEL STREET
OTTAWA, ONTARIO

DRAWING:

LANDSCAPE PLAN

DESIGN:	M.R.	DRAWING NO:	L-01
DRAWN:	M.M.		
CHECKED:	M.R.	G-C NO:	
PLOTTED:			

D07-12-22-0012

18651

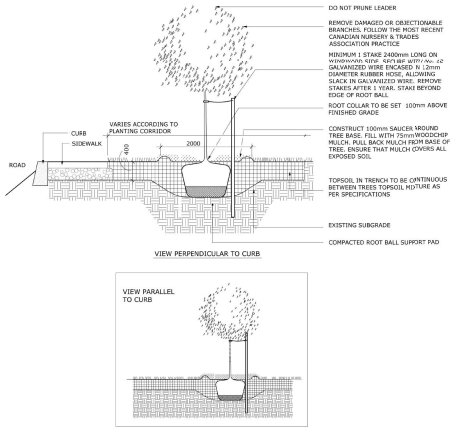
File Location: C:\Users\Marina Nuber\Documents\Projects PC\COMMERCIAL\1300 Michael Drawings Addition\MICLSPP_TCP_2-1978_Volvo Saint Laurent Addition_2023.07.13.dwg Last Saved December 13, 2021 Plotted December 13, 2021

TREE SOIL VOLUME REQUIREMENTS:

- STANDARD TREE SOIL VOLUMES QUANTITIES INCLUDE THE TOP 900-1000mm OF SOIL,EXISTING SUBSOIL LAYER TO CALCULATE TOTAL SOIL VOLUMES REQUIRED BY CITY OF OTTAWA FOR SUSTAINABLE TREE GROWTH. WHERE LARGER SOFT AREAS ARE AVAILABLE, THE TOP 400-500mm LAYER IS USED TO CALCULATE SOIL VOLUMES.

- WHERE EXISTING MATERIAL BELOW THE SPECIFIED TOPSOIL IS NOT CONDUSIVE TO TREE GROWTH, AN ADDITIONAL LAYER OF PLANTING MEDIUM IS TO BE INSTALLED BELOW SPECIFIED TOPSOIL DEPTH TO OBTAIN 900-1000mm SOIL VOLUME DEPTH REQUIRED.

- REFER TO SOIL VOLUME CHART AND PLANS FOR AREA WHERE TREE SOIL VOLUMES ARE REQUIRED.



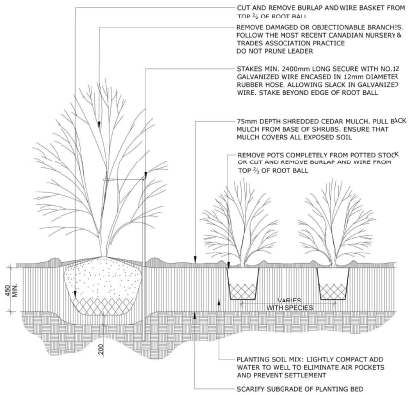
NOTES:

1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CUT AND REMOVE BURLAP AND WIRE BASKET FROM TOP 2/3 OF ROOT BALL WITHOUT DISTURBING ROOTS
3. LOCATION AS SPECIFIED ON THE CONTRACT DRAWINGS

Ottawa

TITLE: PLANTING TRENCH WELL DRAINED SOILS

DATE: MAY 2001
REV: JAN 2017
DWG No: L1



NOTES:

1. PLANTING SOIL MIXTURE AS PER SPECIFICATION.
2. SHRUBS SPECIFIED BARE ROOTS (B.R.) TO BE PLANTED SO THAT ROOTS ARE FULLY EXTENDED IN PLANTING HOLE WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE
3. PROVIDE 100 HIGH EARTH SAUCER AROUND SHRUB BED
4. STAKES TO BE REMOVED AT COMPLETION OF TWO YEAR WARRANTY PERIOD

Ottawa

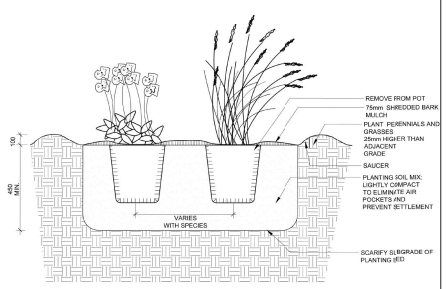
TITLE: CONTINUOUS SHRUB BED PLANTING

DATE: FEB 2013
REV: FEB 2014
DWG No: L17

Lucy Ramirez

LUCY RAMIREZ
PLANNER
PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By Lucy Ramirez at 1:07 pm, Feb 22, 2024

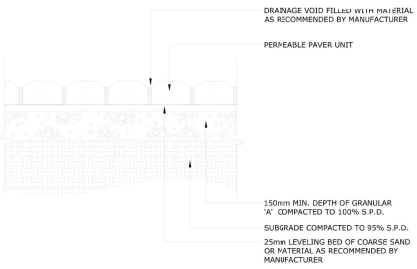


NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. PLANTING SOIL MIXTURE AS PER SPECIFICATION.
3. PROVIDE 100MM HIGH EARTH SAUCER AROUND PERENNIAL/GRASS BED.

Ottawa

TITLE: PERENNIAL AND ORNAMENTAL GRASS PLANTING

DATE: JAN 2015
REV:
DWG No: L21



WORKMANSHIP

PERMEABLE PAVERS BY UNILOCK LIMITED OR APPROVED EQUAL.
PAVERS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS WITH TIGHT BUTT JOINTS OF APPROXIMATELY 3mm, ON A SAND BASE. SAW CUT PAVERS AS REQUIRED. USE AN APPROVED VIBRATORY COMPACTOR IN A CIRCULAR PATTERN.
ALL DAMAGED OR CHIPPED PAVERS MUST BE REPLACED AT THE CONTRACTOR'S COST

PREPARATION

EXCAVATE AND REMOVE ALL TOPSOIL AND UNSTABLE MATERIALS OFF SITE. SUBGRADE TO BE GRADED TO SIMILAR CONTOURS AS FINISH GRADE. COMPACT SUBGRADE TO 95% S.P.D. PLACE 150mm LAYER OF GRANULAR 'A' COMPACTED TO 100% S.P.D.
PLACE MAXIMUM 25mm UNCOMPACTED SAND FOR LEVELING COURSE OR MATERIAL AS RECOMMENDED BY MANUFACTURER

INSTALL PERMEABLE UNITS IN THE PATTERN SPECIFIED ON THE PLAN DRAWING OR PER MANUFACTURER'S PATTERN RECOMMENDATION

ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE

Ottawa

TITLE: PERMEABLE PAVING

DATE: FEB 2013
REV: FEB 2016
DWG No: SC27

BASES FOR PERMEABLE PAVERS IN PEDESTRIAN AND VEHICULAR AREAS TO BE ADJUSTED TO SITE CONDITIONS AND AS PER GEOTECHNICAL RECOMMENDATIONS FOR PAVEMENT STRUCTURES AND PERMEABILITY REQUIREMENTS.

PRELIMINARY NOT FOR CONSTRUCTION

No.	ISSUE	DATE
7		
6		
5		
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SCALE: AS SHOWN

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PROFESSIONAL STAMP:

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PROJECT:

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1328 MICHAEL STREET
OTTAWA, ONTARIO

DRAWING:

LANDSCAPE DETAILS

DESIGN:	M.R.	DRAWING NO:	L-02
DRAWN:	M.M.		
CHECKED:	M.R.	G-C NO:	
PLOTTED:			

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