

2 DP 2021-12-16
1 Issued for Dev. Tracker 2021-10-19
ev no description date

Murdoch

de Greeff INC

Landscape Planning & Design

Mike Geric Construction 4520 West Saanich Rd Saanich, BC

project
QUEBEC & MONTREAL DEV.
501-502 MONTREAL ST.
VICTORIA, BC

2021-12-16

sheet title

Landscape Materials - Ground

project no.		121.23
scale	1:150	@ 24"x36
drawn by		MDI
checked by		SM
revison no.	sheet no.	
<u>2</u>	L	1.01







2021-12-16
client

Mike Geric Construction

project
QUEBEC & MONTREAL DEV.
501-502 MONTREAL ST.

sheet title

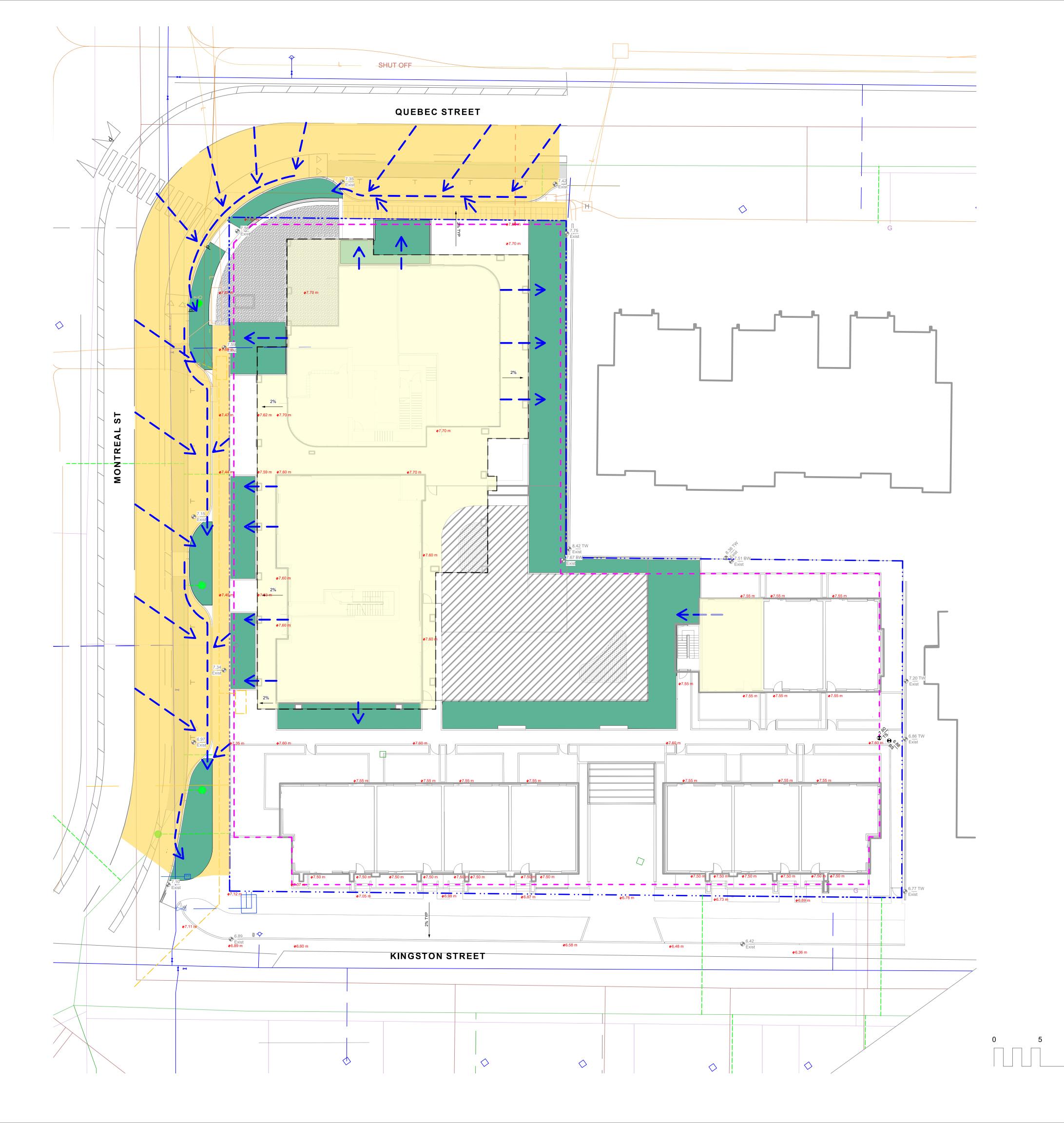
VICTORIA, BC

Saanich, BC

Landscape Materials - Roof

4520 West Saanich Rd

project no.		121.23
scale	1:150	@ 24"x36
drawn by		MDI
checked by		SM
revison no.	sheet no.	
2	L	.1.02



LEGEND

PROPERTY LINE EXTENT OF UNDERGROUND PARKING (INDICATIVE) EXTENT OF ROOF / CANOPY LINE (INDICATIVE) RAIN GARDEN - TOP OF POOL _____ _____ RAIN GARDEN - BOTTOM OF POOL EXISTING GRADE (APPROXIMATE) PROPOSED ARCH GRADE PROPOSED LANDSCAPE GRADE TP TOP OF POOL BP BOTTOM OF POOL DIRECTION OF FLOW RAIN GARDEN ON GRADE IMPERVIOUS AREAS ROOF DRAINS TO RAIN GARDEN ROAD / HARDSCAPE DRAINS TO **RAIN GARDEN**

RAIN WATER MANAGEMENT NOTES

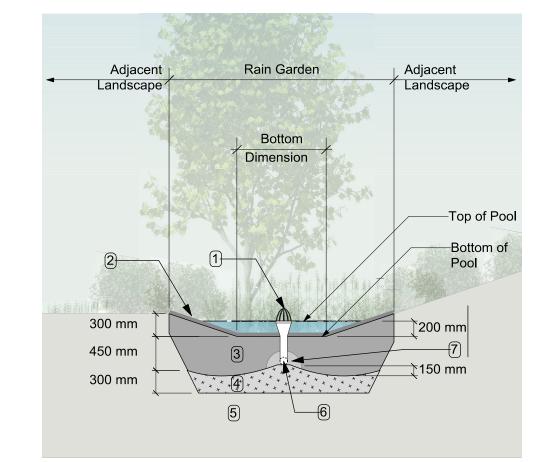
Water collected from road areas, building roofs, flow to the rain gardens located throughout the site.

Rain gardens are integrated building landscapes and landscape bulges within streetscape areas and are designed to capture, slow flows, and treat runoff from roadways.

Rain gardens will be designed with underdrains and a high □capacity overflow drain that will be connected to the onsite piped drainage system.

The rain gardens are sized such that the bottom of the rain garden is 5% of the impervious area to meet or exceed City of Victoria Green Stormwater Infrastructure Guidelines.

Boulevard rain gardens to be designed to City of Victoria Standards



RAIN GARDEN MATERIALS

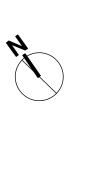
- Overflow drain, 200 mm domed grate + adapter
- 2. Composted mulch, 50 -70 mm depth
- 3. Bio-retention growing medium, 450 mm depth
- 4. Scarified/tilled subgrade, 300 mm depth5. Existing subgrade/native material
- 6. 100 mm diameter (min) perforated pipe

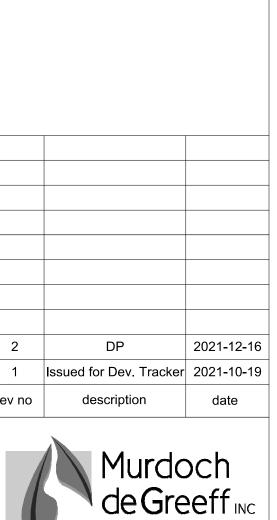
7. 25 mm diameter drain rock, 100 mm depth

Typical Rain Garden
Scale: 1:50

GRADING NOTES

- 1. All grades slope 2% from the building to back of curb.
- 2. Slab grade varies
- 3. All landscape walls are an average of 500mm height.
- 4. Kingston St Townhouses require 3-4 risers to meet grade.
- 5. Proposed curb grades to be determined by Civil (proposed grades will be similar to existing grades. See Civil for details)
- 6. All sidewalk slope 2% to back of curb.







client

Mike Geric Construction

4520 West Saanich Rd

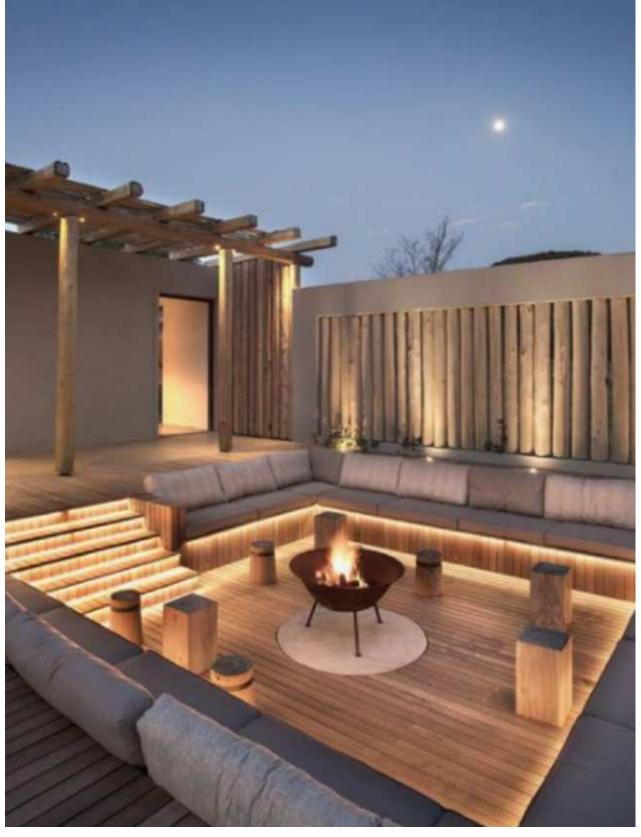
project
QUEBEC & MONTREAL DEV.
501-502 MONTREAL ST.
VICTORIA, BC

sheet title

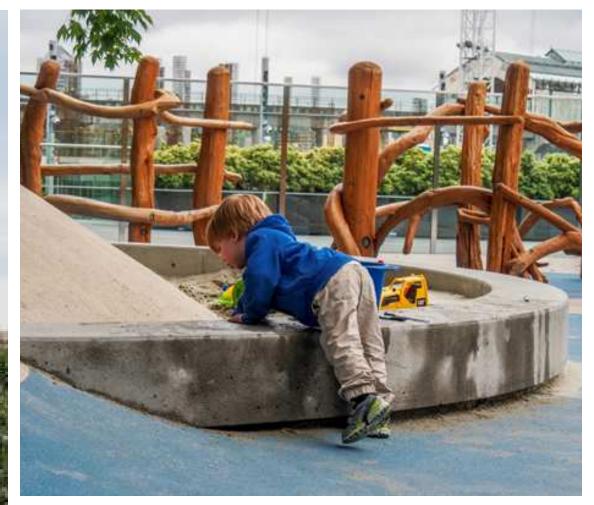
Saanich, BC

Stormwater Management & Grading

project no.		121.23
scale	1: ###	@ 24"x36"
drawn by		MDI
checked by		SM
revison no.	sheet no.	
2		.1.03

























2	DP	2021-12-16
1	Issued for Dev. Tracker	2021-10-19
rev no	description	date

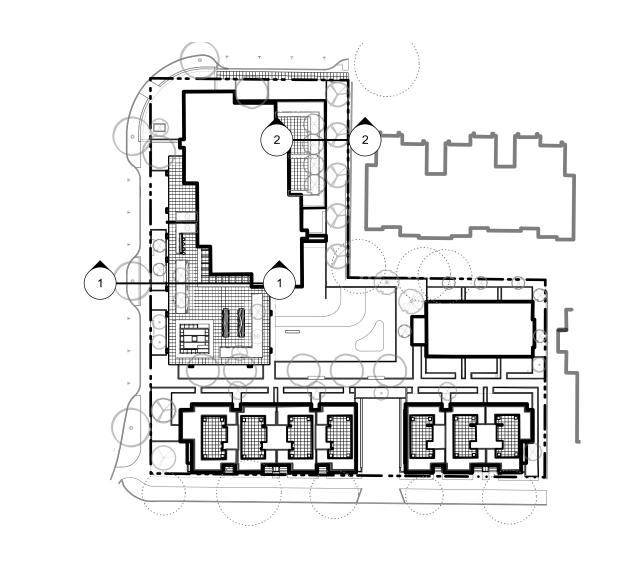


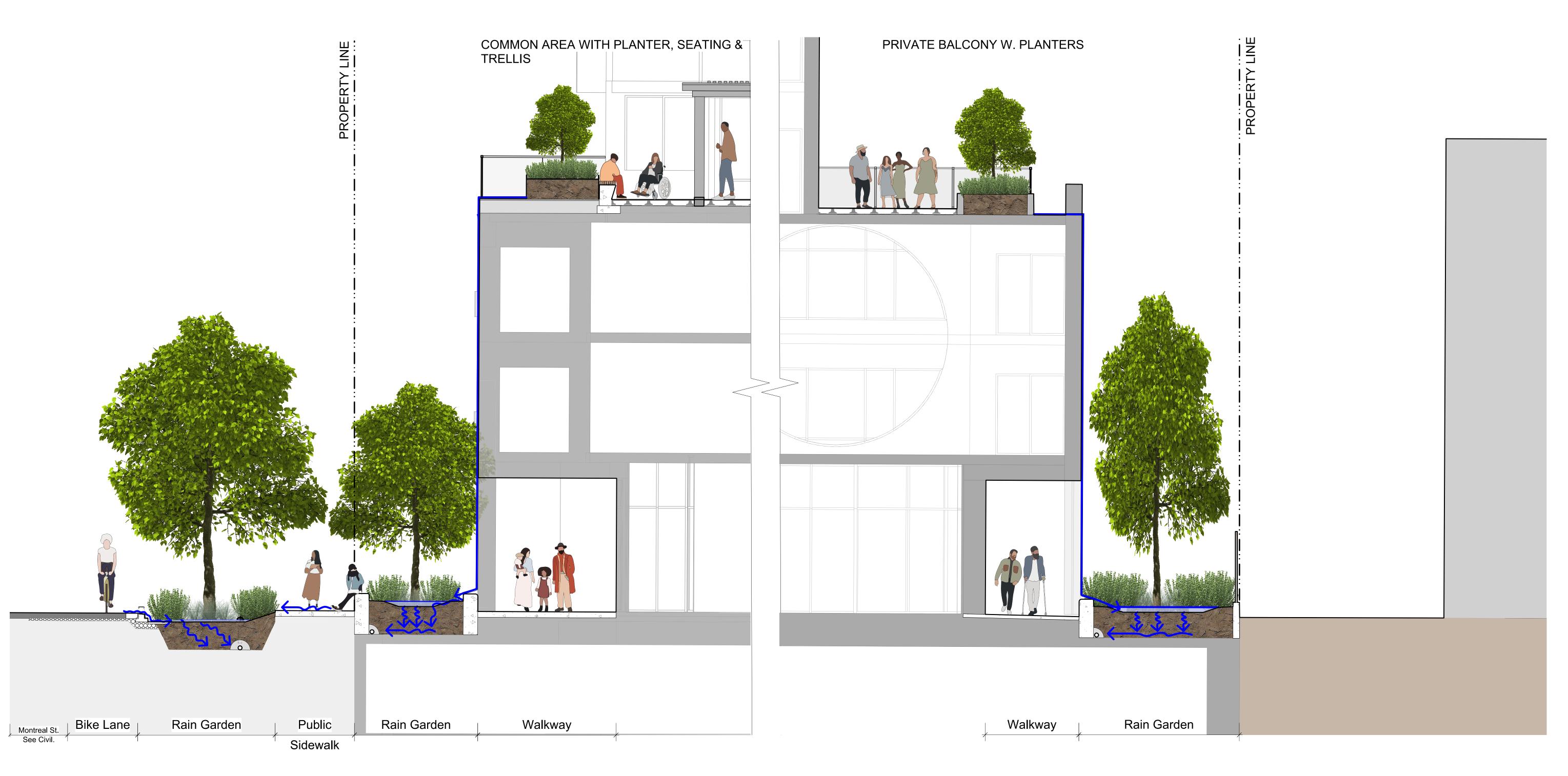
Mike Geric Construction 4520 West Saanich Rd Saanich, BC

QUEBEC & MONTREAL DEV. 501-502 MONTREAL ST. VICTORIA, BC

Landscape Precedents

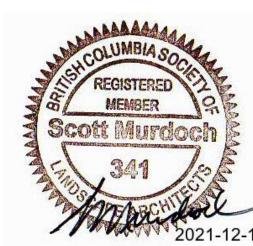
oject no.		121.23
ale	N/A	@ 24"x36"
awn by		MDI
ecked by		SM
vison no.	sheet no.	
2		1.04





2 DP 2021-12-16 1 Issued for Dev. Tracker 2021-10-19





2021-12-10

Mike Geric Construction 4520 West Saanich Rd Saanich, BC

project

QUEBEC & MONTREAL DEV.

501-502 MONTREAL ST. VICTORIA, BC

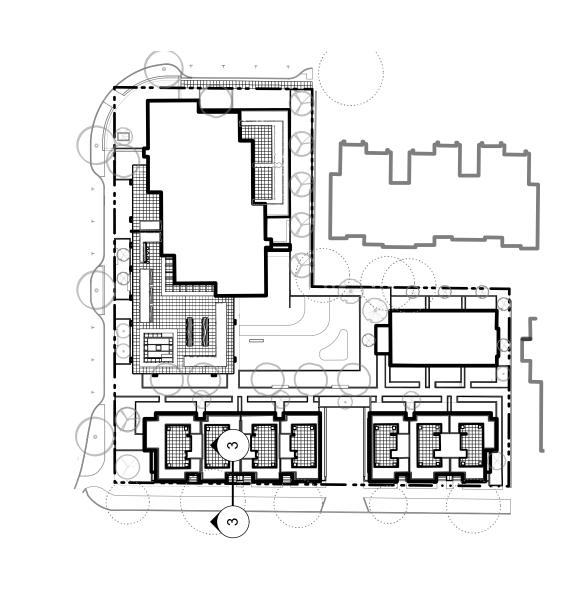
sheet title

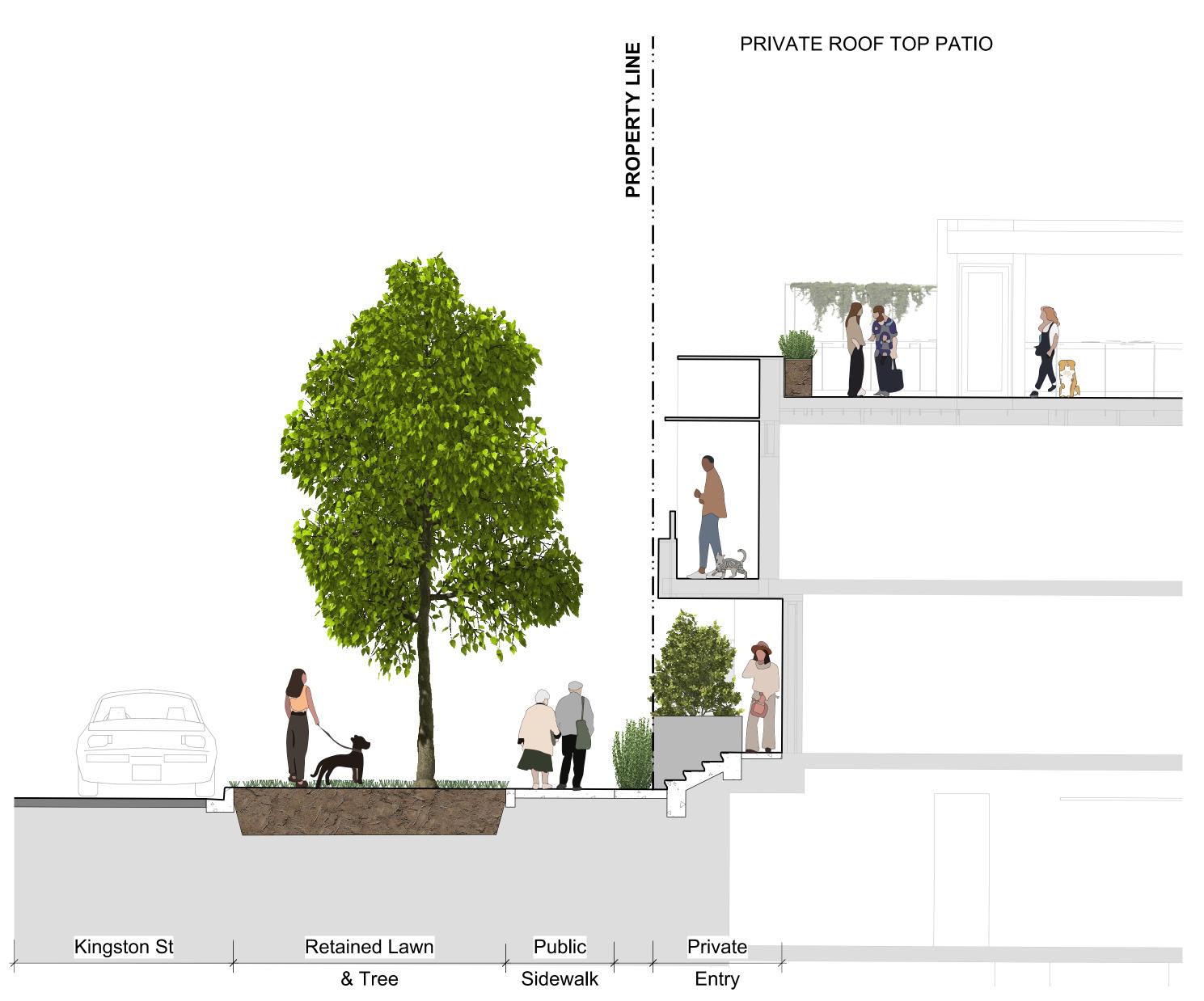
Landscape Materials - Sections

project no.		121.23
scale	1:50	@ 24"x36"
drawn by		MDI
checked by		SM
revison no.	sheet no.	
2		1.05

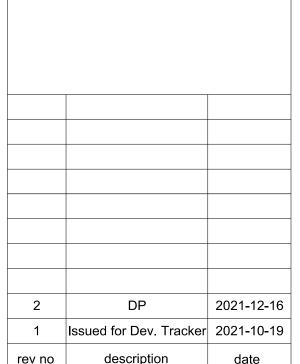
1 Montreal Street Section
Scale: 1:50

2 Section w. Neighbouring Townhomes
Scale: 1:50

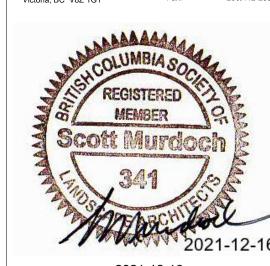












2021-12-16

Mike Geric Construction 4520 West Saanich Rd Saanich, BC

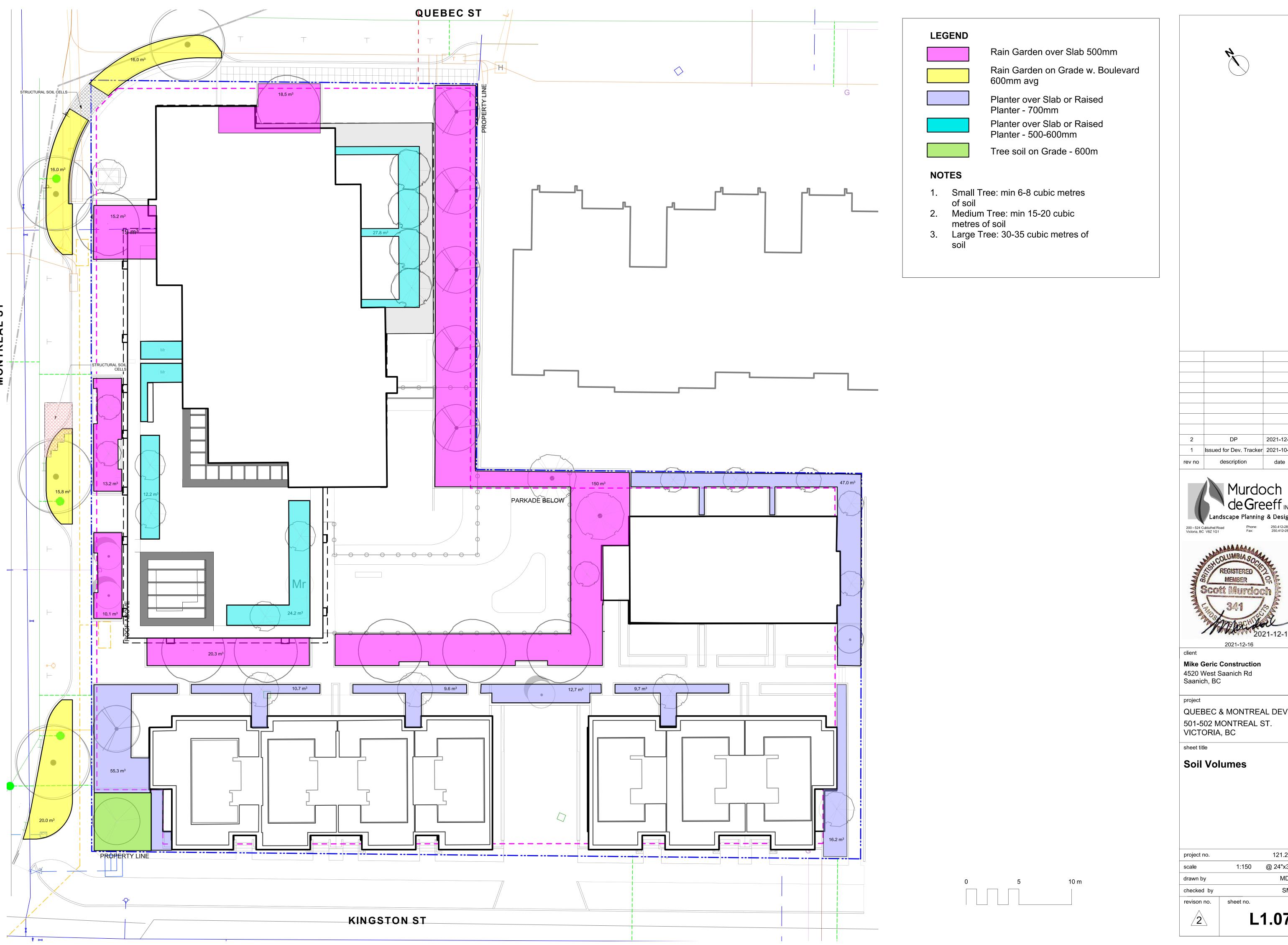
> ect JEBEC & MONTI

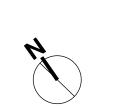
QUEBEC & MONTREAL DEV. 501-502 MONTREAL ST. VICTORIA, BC

sheet title

Landscape Materials - Sections

project	no.		121.23
scale		1:50	@ 24"x36"
drawn	by		MDI
checke	d by		SM
revisor	າ no.	sheet no.	
<u>/2</u>	<u> </u>	L	1.06





1 Issued for Dev. Tracker 2021-10-19 description

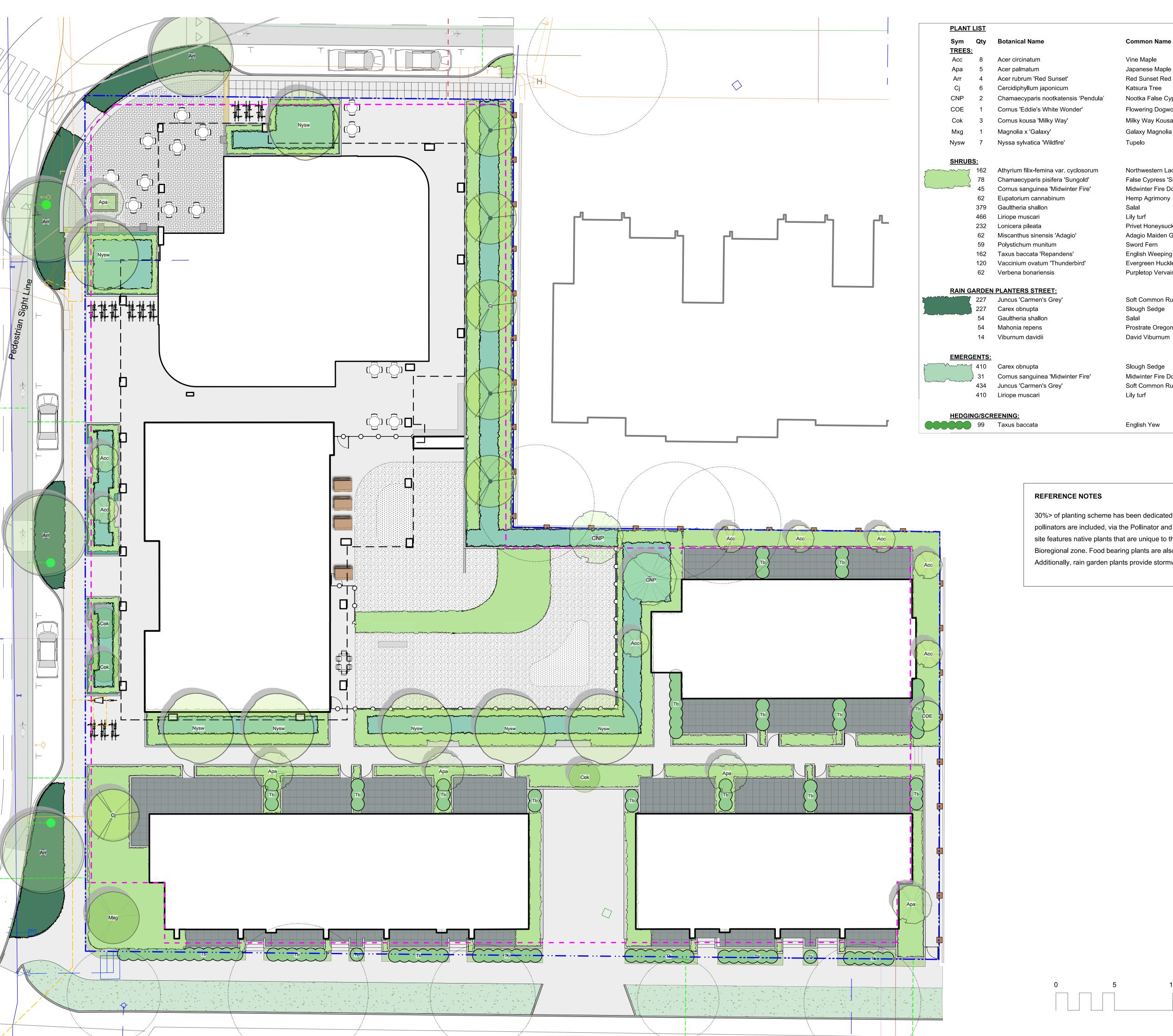


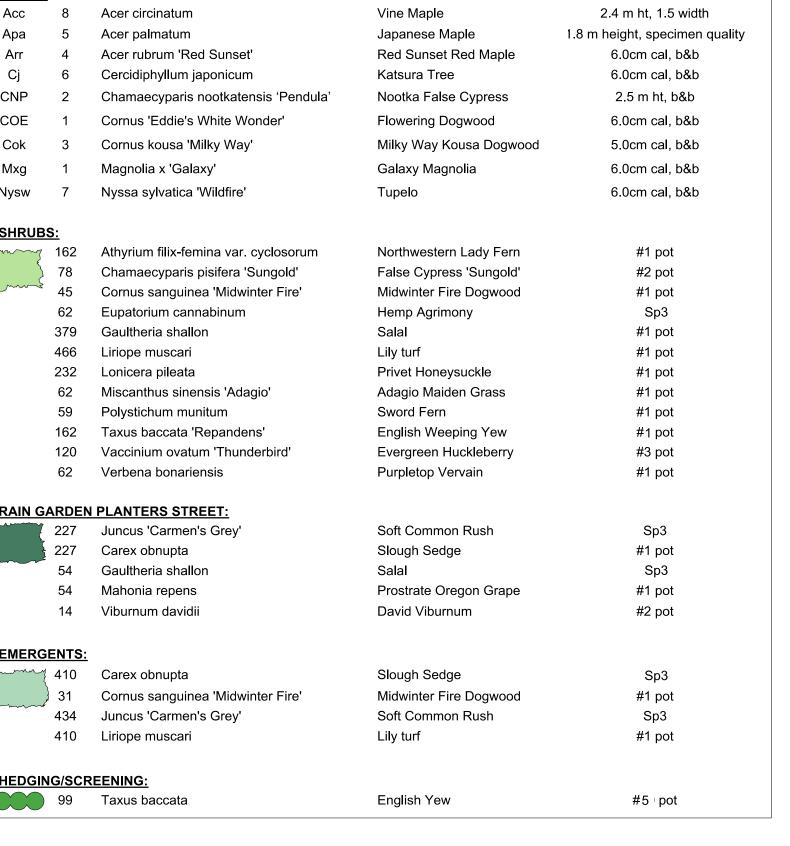
Mike Geric Construction 4520 West Saanich Rd Saanich, BC

QUEBEC & MONTREAL DEV. 501-502 MONTREAL ST. VICTORIA, BC

Soil Volumes

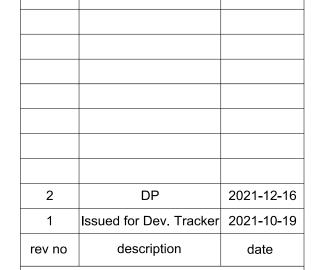
project no.		121.23
scale	1:150	@ 24"x36"
drawn by		MDI
checked by		SM
revison no.	sheet no.	
2		1.07





Schd. Size / Plant Spacing

30%> of planting scheme has been dedicated ecosystem services. Plants for pollinators are included, via the Pollinator and Allergy-Aware Gardening Guide. This site features native plants that are unique to the Southern Vancouver Island Bioregional zone. Food bearing plants are also added in addition to the guidelines. Additionally, rain garden plants provide stormwater management opportunities.







Mike Geric Construction 4520 West Saanich Rd Saanich, BC

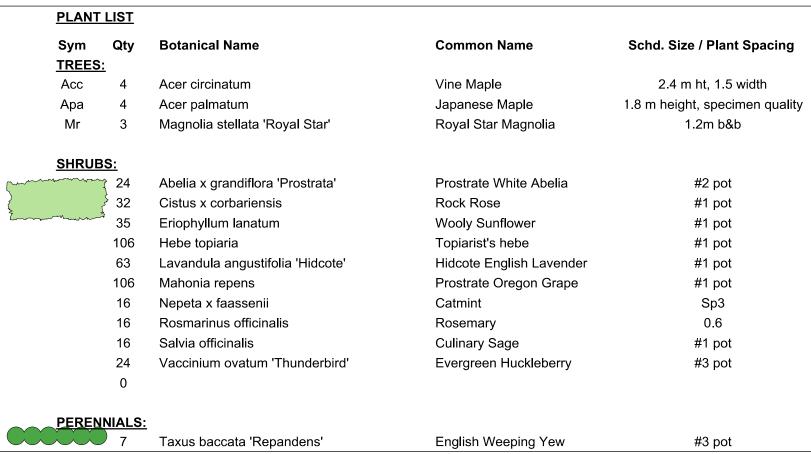
QUEBEC & MONTREAL DEV. 501-502 MONTREAL ST. VICTORIA, BC

sheet title

Planting Plan

project no.		121.23
scale	1: ###	@ 24"x36"
drawn by		MDI
checked by		SM
revison no.	sheet no.	
2	L	.3.01





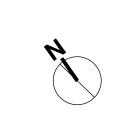
REFERENCE NOTES

30%> of planting scheme has been dedicated ecosystem services. Plants for pollinators are included, via the Pollinator and Allergy-Aware Gardening Guide. This site features native plants that are unique to the Southern Vancouver Island Bioregional zone. Food bearing plants are also added in addition to the guidelines. Additionally, rain garden plants provide stormwater management opportunities.

English Weeping Yew

#3 pot

Residential planters. Planters to be planted and maintained by residents.



2	DP	2021-12-16
1	Issued for Dev. Tracker	2021-10-19
ev no	description	date
	1	



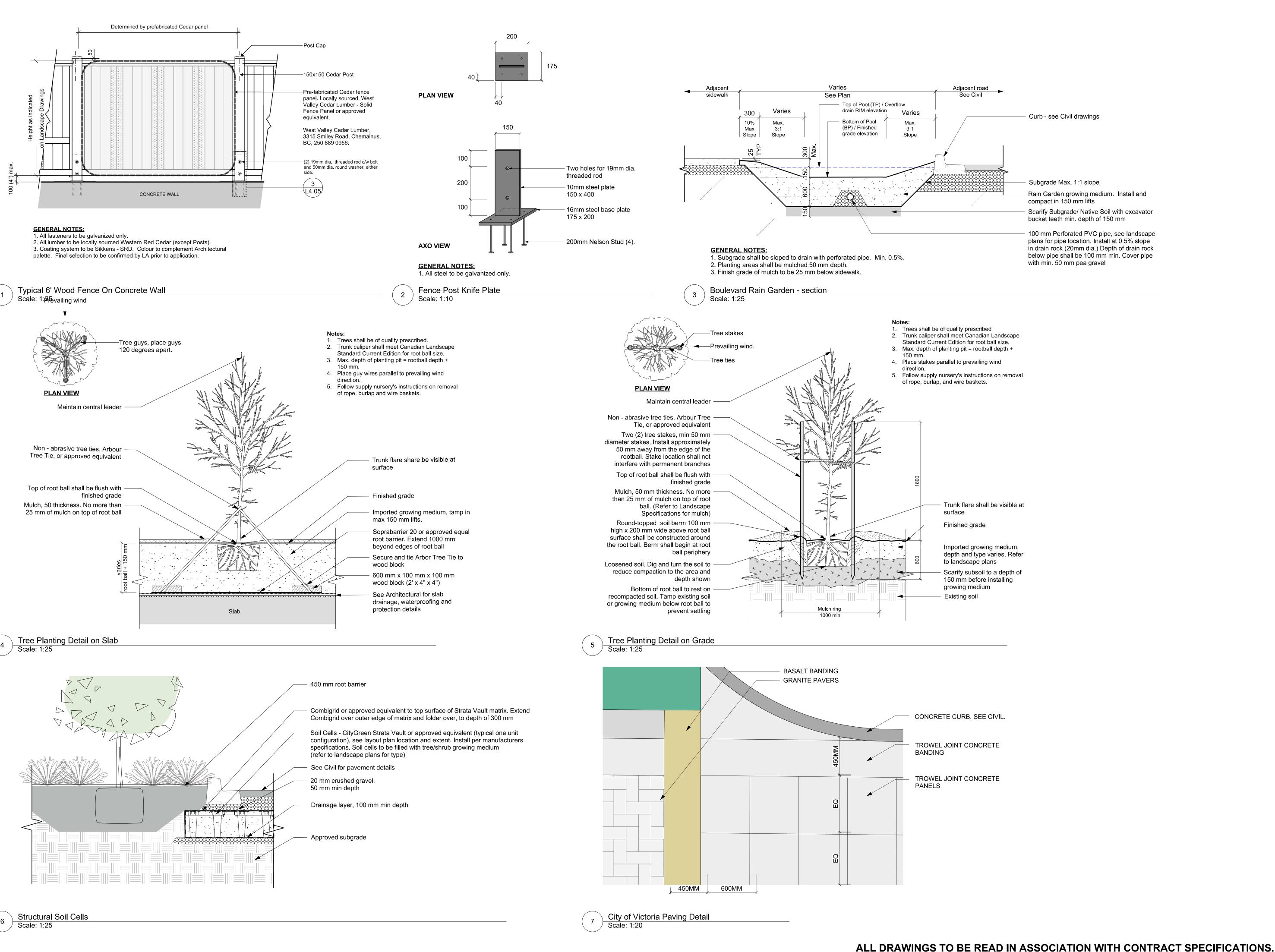
Mike Geric Construction 4520 West Saanich Rd Saanich, BC

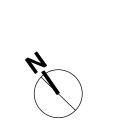
QUEBEC & MONTREAL DEV. 501-502 MONTREAL ST. VICTORIA, BC

sheet title

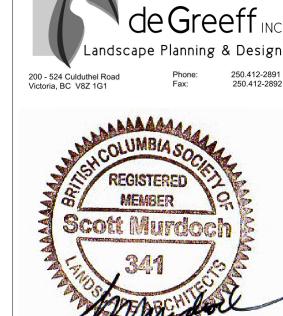
Planting Plan

project no.		121.23
scale	1: ###	@ 24"x36"
drawn by		MDI
checked by		SM
revison no.	sheet no.	
<u>2</u>	L	.3.02





2021-12-16 1 Issued for Dev. Tracker 2021-10-19 description



Murdoch

Mike Geric Construction 4520 West Saanich Rd Saanich, BC

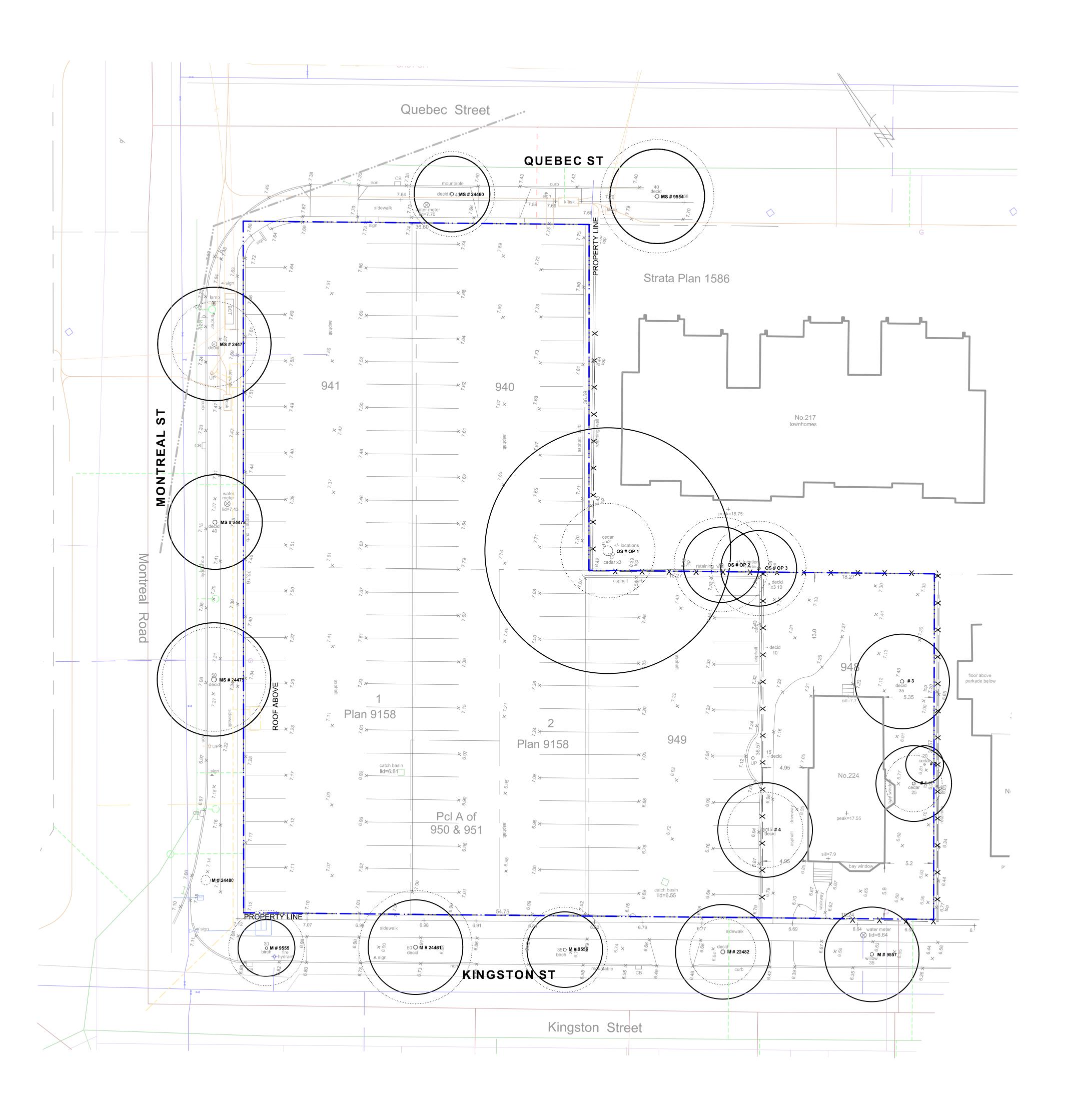
QUEBEC & MONTREAL DEV. 501-502 MONTREAL ST.

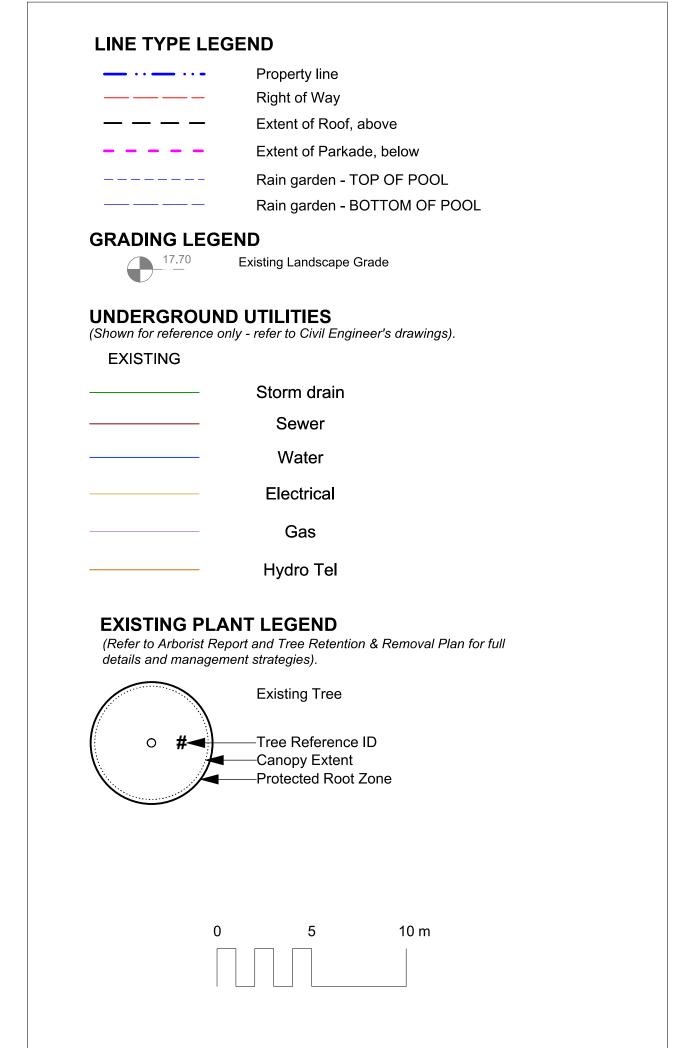
sheet title

VICTORIA, BC

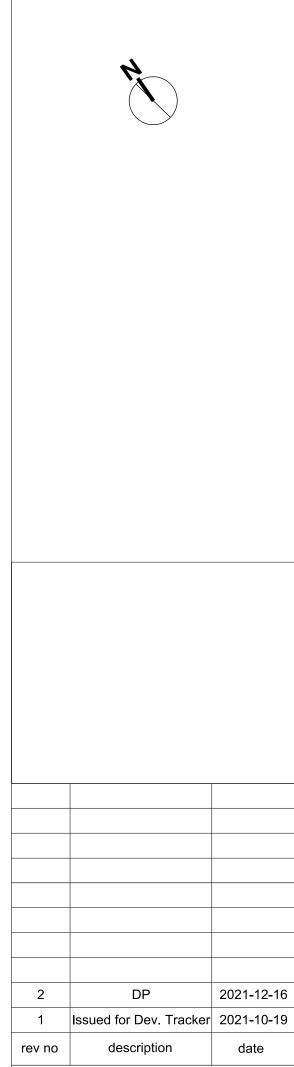
Landscape Details

121.23 project no. @ 24"x36" scale MDI drawn by checked by sheet no. revison no. 2 L4.01





TREE TAG#	DBH (cm)	CRZ	Species	Crown Spread (m)	Height (m)
9555	27	3	Betula papyrifera	8	9
24481	39	5	Prunus cerasifera	12	9
24482	38	5	Prunus cerasifera	7	9
9557	39	4	Betula pendula	10	11
9554	42	5	Aesculus carnea	12	9
Op1	105	12	Thuja plicata	10	14
Op2	35	4	Cedrus dreadar	9	18
Op3	35	4	Sequoiadendron giganteum	9	10
2556	34	4	Betula papyrifera	9	10
			Species	Crown	Height
TREE TAG #	DBH (cm)		Species Sarbus intermedia	Spread (m)	(m)
TREE TAG # 24460	DBH (cm) 35		Sorbus intermedia	Spread (m) 9	(m) 0
7 REE TAG # 24460 24480	DBH (cm) 35 3		Sorbus intermedia Prunus sargentii	Spread (m) 9 1	(m) 0 3
7 REE TAG # 24460 24480 24479	DBH (cm) 35 3 53		Sorbus intermedia Prunus sargentii Prunus cerasifera	Spread (m) 9 1 11	(m) 0 3 8
24460 24480 24479 24478	DBH (cm) 35 3 53 44		Sorbus intermedia Prunus sargentii Prunus cerasifera Prunus cerasifera	Spread (m) 9 1 11 10	(m) 0 3 8 8
7REE TAG # 24460 24480 24479	DBH (cm) 35 3 53 44 50		Sorbus intermedia Prunus sargentii Prunus cerasifera Prunus cerasifera Prunus cerasifera	9 1 11 10 9	(m) 0 3 8 8
24460 24480 24479 24478 24477	DBH (cm) 35 3 53 44		Sorbus intermedia Prunus sargentii Prunus cerasifera Prunus cerasifera Prunus cerasifera Prunus cerasifera Thuja plicata smaragd	Spread (m) 9 1 11 10	(m) 0 3 8 8
24460 24480 24479 24478 24477 1	DBH (cm) 35 3 53 44 50 35		Sorbus intermedia Prunus sargentii Prunus cerasifera Prunus cerasifera Prunus cerasifera	9 1 11 10 9 3	(m) 0 3 8 8 8
24480 24479 24478 24477 1 2	DBH (cm) 35 3 53 44 50 35 14		Sorbus intermedia Prunus sargentii Prunus cerasifera Prunus cerasifera Prunus cerasifera Prunus cerasifera Thuja plicata smaragd Thuja plicata smaragd	Spread (m) 9 1 11 10 9 3 2	(m) 0 3 8 8 8 6 6







2021-12-16

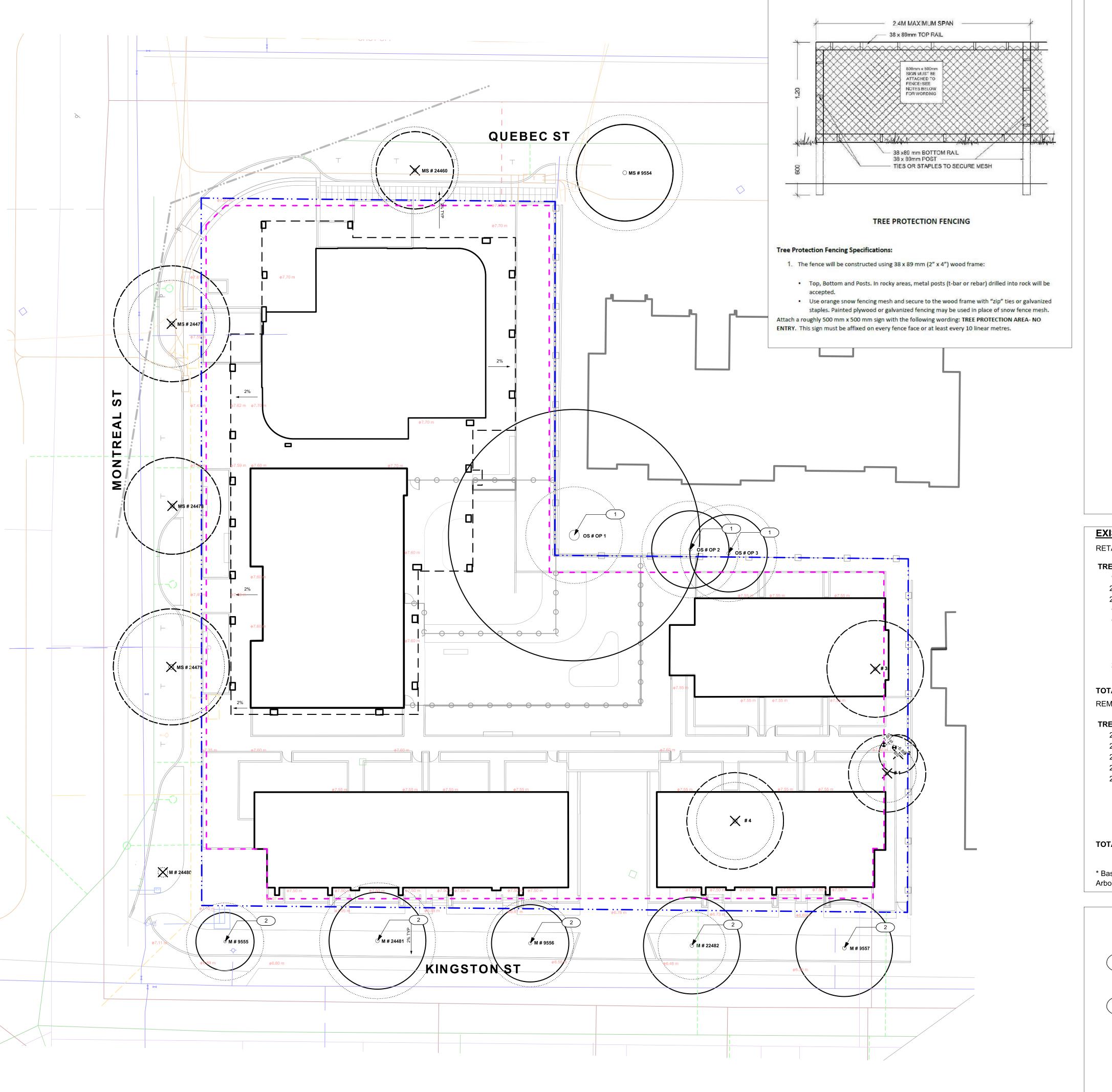
Mike Geric Construction 4520 West Saanich Rd Saanich, BC

QUEBEC & MONTREAL DEV. 501-502 MONTREAL ST. VICTORIA, BC

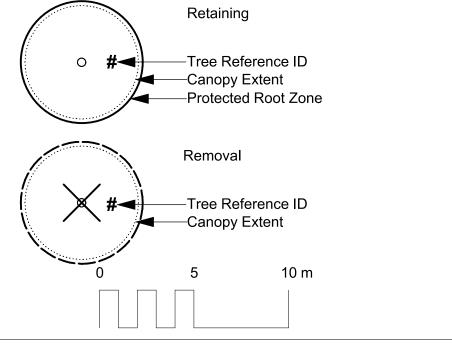
sheet title

Tree Survey Plan

project no.		121.23
scale	1: 200	@ 24"x36"
drawn by		MDI
checked by		SM
revison no.	sheet no.	
2		0.02



LINE TYPE LEGEND Property line Right of Way Extent of Roof, above Extent of Parkade, below _ _ _ _ Rain garden - TOP OF POOL _____ Rain garden - BOTTOM OF POOL _____ **GRADING LEGEND** Existing Landscape Grade **UNDERGROUND UTILITIES** (Shown for reference only - refer to Civil Engineer's drawings). **EXISTING** PROPOSED Storm drain _____ _ _ _ _ _ _ Electrical **EXISTING PLANT LEGEND** (Refer to Arborist Report and Tree Retention & Removal Plan for full details and management strategies).



RETAINED TR	EES			Crown	Height
TREE TAG #	DBH (cm)	CRZ	Species	Spread (m)	(m)
9555	27	3	Betula papyrifera	8	9
24481	39	5	Prunus cerasifera	12	9
24482	38	5	Prunus cerasifera	7	9
9557	39	4	Betula pendula	10	11
9554	42	5	Aesculus carnea	12	9
Op1	105	12	Thuja plicata	10	14
Op2	35	4	Cedrus dreadar	9	18
Op3	35	4	Sequoiadendron giganteum	9	10
2556	34	4	Betula papyrifera	9	10

TOTAL TREES TO BE RETAINED: 9 REMOVED TREES

REMOVED IN	EES			
TREE TAG #	DBH (cm)	Species	Crown Spread (m)	Height (m)
24460	35	Sorbus intermedia	9	0
24480	3	Prunus sargentii	1	3
24479	53	Prunus cerasifera	11	8
24478	44	Prunus cerasifera	10	8
24477	50	Prunus cerasifera	9	8
1	35	Thuja plicata smaragd	3	6
2	14	Thuja plicata smaragd	2	6
3	39	Pyrus sp.	5	4
4	44	llex aquifolium	4	6

TOTAL TREES TO BE REMOVED: 9

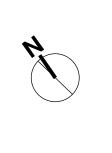
* Based on Arborist's Report recieved from Arborist, 09/28/2021. Refer to Arborist report for details on tree conditions and Arborist recommendations.

REFERENCE NOTES

1 Requires onsite supervision of trees during excavation



Potentially impacted by site serving and grading



2	DP	2021-12-16
1	Issued for Dev. Tracker	2021-10-19
rev no	description	date

Murdoch

de Greeff INC



2021-12-16

Mike Geric Construction 4520 West Saanich Rd Saanich, BC

project
QUEBEC & MONTREAL DEV.
501-502 MONTREAL ST.
VICTORIA, BC

sheet title

Tree Management Plan

project no.		121.23
scale	1: 200	@ 24"x36"
drawn by		MDI
checked by		SM
revison no.	sheet no.	
2	L0.03	