

# 1047 RICHMOND RD

A PROJECT OF  
**FENGATE ASSET MANAGEMENT**  
2275 UPPER MIDDLE RD. E.,  
SUITE 700  
OAKVILLE, ON L6H 0C3

LANDSCAPE ARCHITECT

**STUDIO tla**

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CONSULTANTS

RLA/ARCHITECTURE  
56 BEECH STREET  
OTTAWA, ONTARIO, K1S 3J6

STAMP



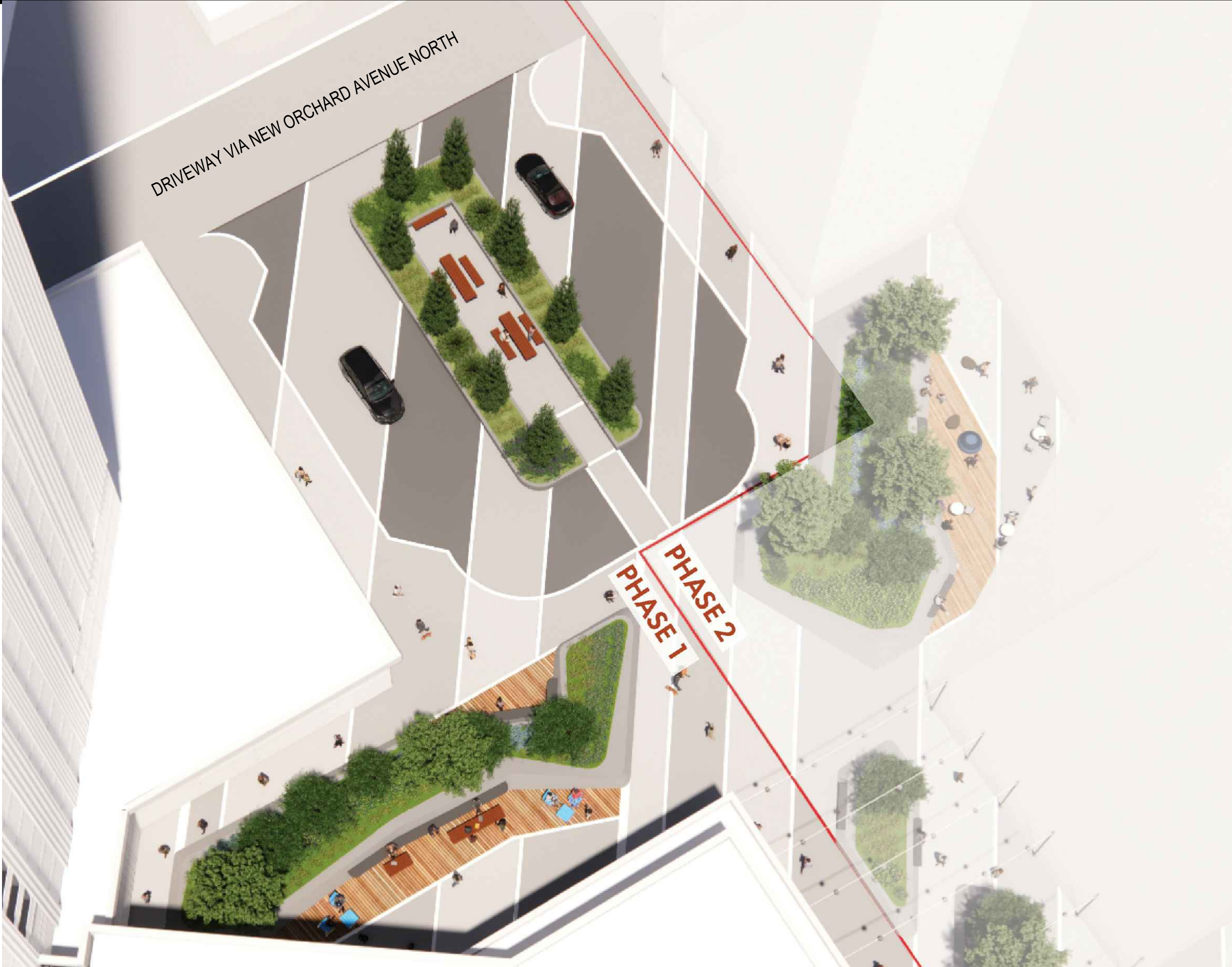
REVISIONS

5	ISSUED FOR SPA	2024-04-11
4	ISSUED FOR SPA	2024-12-13
3	ISSUED FOR SPA	2024-10-11
2	ISSUED FOR SPA	2024-09-03
1	ISSUED FOR ZBA	2023-07-12

DATE  
2024

PHASE  
SPA

PROJECT NUMBER  
22-178



Sheet Number	Sheet Title
LC.000	COVER PAGE
LS.101	LANDSCAPE PLAN-ULTIMATE
LS.102	LANDSCAPE PLAN-INTERIM
LS.103	PUBLIC PARK FACILITY FIT PLAN
LSV.100	SOIL VOLUME NOTES & SCHEDULE
LSV.101	SOIL VOLUME PLAN
LU.100	COMPOSITE UTILITY PLAN
LL.100	LANDSCAPE LIGHTING PLAN
LP.100	PLANTING SCHEDULE AND NOTES
LP.101	PLANTING PLAN
LP.102	TREE CANOPY COVER
LS.200	LANDSCAPE DETAILS
LS.201	LANDSCAPE DETAILS
LS.202	LANDSCAPE DETAILS
LS.203	LANDSCAPE VIEWS
LS.300	LANDSCAPE SECTIONS
LS.301	LANDSCAPE SECTIONS



THE INTENT OF THIS DRAWING IS TO  
REPRESENT THE ULTIMATE SITE DESIGN FOR  
PHASE 1 AND PHASE 2.

L a n d s c a p e   A r c h i t e c t

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**C l i e n t**

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FENGATE

rla / architecture

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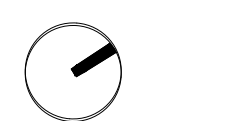
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2024-07-09

Drawing Name:

LANDSCAPE PLAN-III TIME

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LS.101

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Drawing Name

LANDSCAPE PLAN-INTERIM

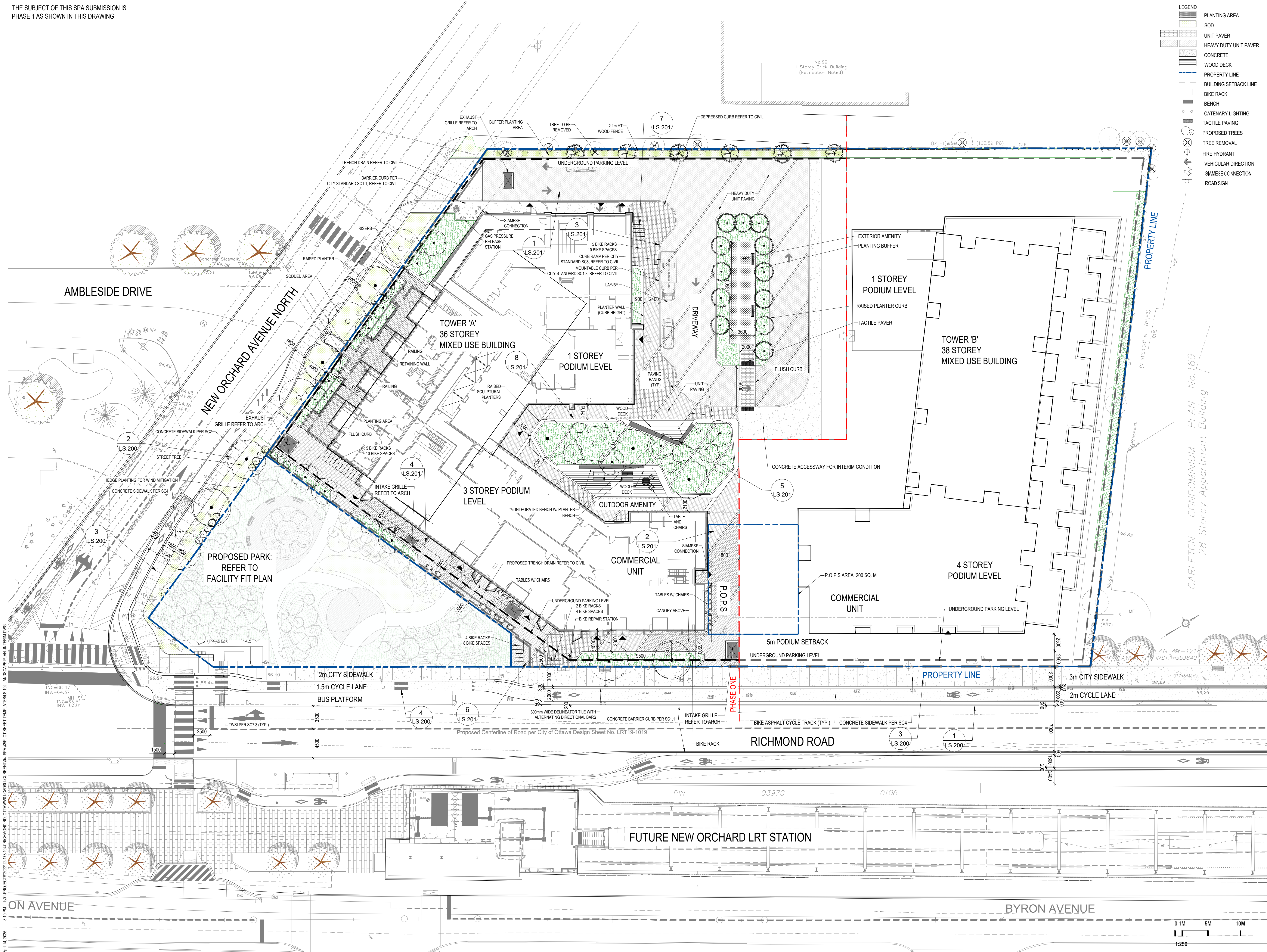
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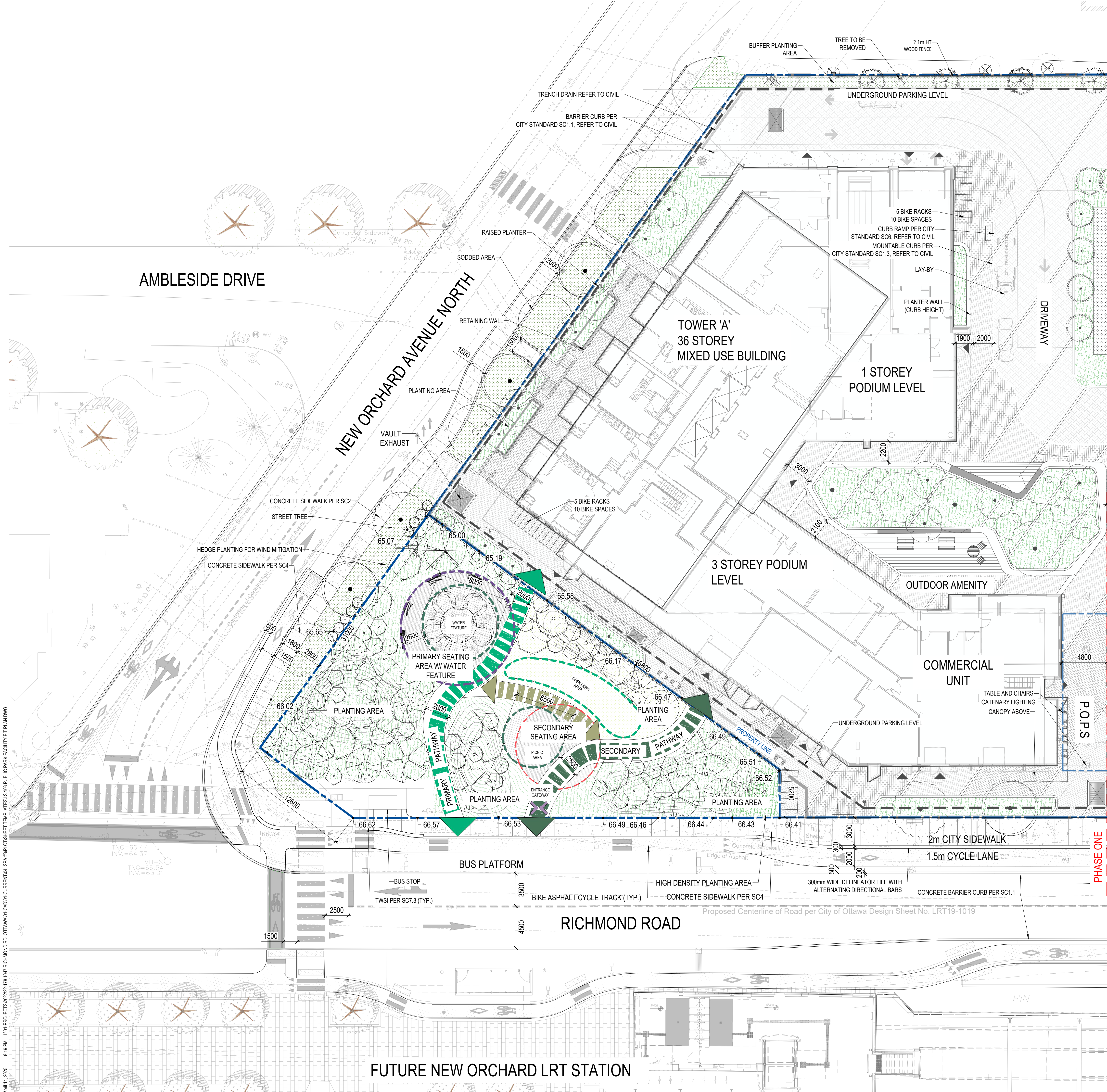
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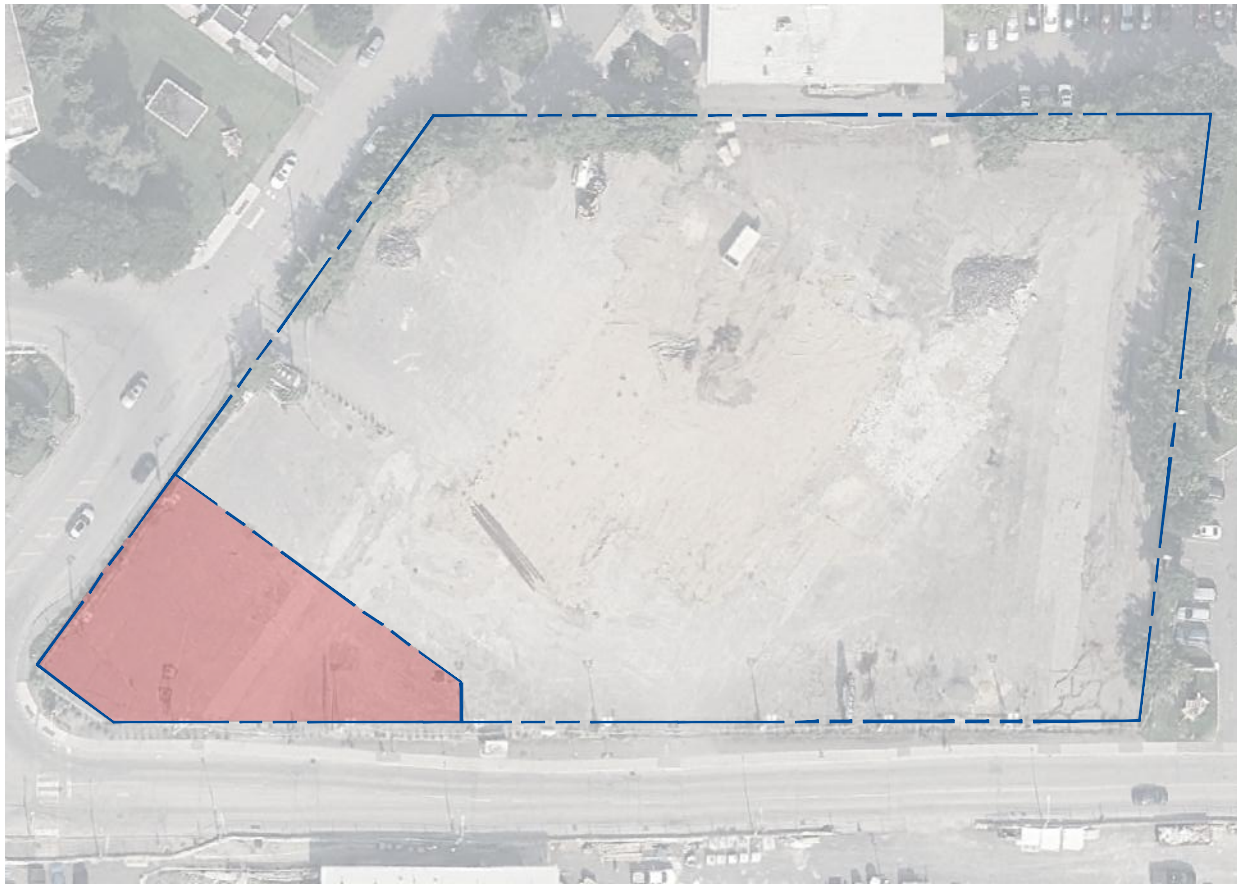
DWG #19180







- LEGEND
- PLANTING AREA
  - SOD
  - UNIT PAVER
  - HEAVY DUTY UNIT PAVER
  - CONCRETE
  - WOOD DECK
  - PROPERTY LINE
  - BUILDING SETBACK LINE
  - BIKE RACK
  - BENCH
  - CATENARY LIGHTING
  - TACTILE PAVING
  - PROPOSED TREES
  - TREE REMOVAL
  - FIRE HYDRANT
  - VEHICULAR DIRECTION
  - SIAMSE CONNECTION
  - ROAD SIGN



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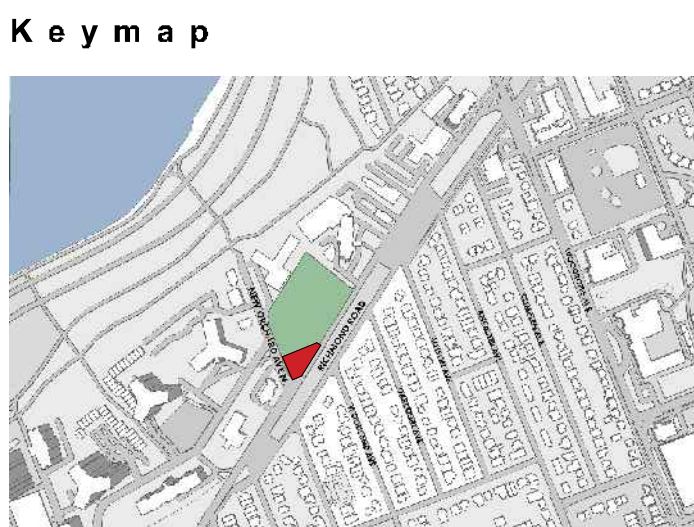
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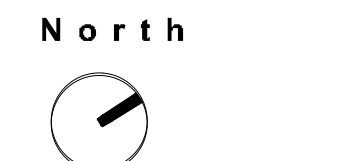
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Phase  
SPA

Date  
2024-07-09

Drawing Name  
PUBLIC PARK FACILITY FIT PLAN

Sheet Number  
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**LS.103**

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April 14, 2025 8:19 PM I:\0-PROJECTS\2022\22-178 1047 RICHMOND RD, OTTAWA\CAD\04-CURRENT\SPA\PLOT\01-SHEET TEMPLATES\LS.103 PUBLIC PARK FACILITY FIT PLAN.DWG



April 14, 2025 8:19 PM I:\01-PROJECTS\2022\22-178 1047 RICHMOND RD, OTTAWA\01-CADD\1-CURRENT\4\_SPA\PILOT\SHEET TEMPLATES\SV 100 SOIL VOLUME NOTES & SCHEDULE.DWG

		Location (City ROW, private property)	Soil Area (m <sup>2</sup> )	Soil Depth(m*)	Proposed Soil Volume (m <sup>3</sup> )	Tree Quantity	Proposed Soil Volume per tree (m <sup>3</sup> )	Ottawa Target Soil Volume per tree (m <sup>3</sup> )	Soil Adequacy percentagepe r tree	Soil Cells (Yes/No)
PHASE 1	1 (Large Trees)	ROW	34	1.2	40.8	1	40.8	30	136%	No
	2 (Large Trees)	ROW	53	1.2	63.6	2	31.8	18	177%	No
	3 (Large Trees)	ROW	45	1.2	54	2	27.0	18	150%	No
	4 (Large Trees)	ROW	91	1.2	109.2	3	36.4	18	202%	No
	5 (Medium Trees)	Private Property	50	1	50	2	25.0	15	167%	No
	6 (Columnar Trees)	Private Property	114	1	114	12	9.5	9	106%	No
	7 (Shared Planter)	Private Property	218	1.2	261.6	15	17.4	15	116%	No
										No
										No
	8 (Large Trees)	Private Property	38	1.2	45.6	2	22.8	18	127%	No
	9 (Medium Trees)	Private Property	22	1.6	35.2	2	17.6	15	117%	No
	10 (Medium Trees)	Private Property	22	1.6	35.2	2	17.6	15	117%	No
	11 (Conifer Trees)	Private Property	84	1.6	134.4	6	22.4	15	149%	No
	12 (Medium Trees)	Private Property	17	1.6	27.2	2	13.6	15	91%	No
	13 (Shared Planter)	Private Property	16	1.6	25.6	2	12.8	12	107%	No
PHASE 2	14 (Large Trees)	Private Property	85	1.2	102	6	17.0	18	94%	Yes
	15 (Shared Planter)	Private Property	29	1.2	34.8	2	17.4	12	145%	No
	16 (Shared Planter)	Private Property	32	1.2	38.4	3	12.8	12	107%	No
	17 (Shared Planter)	Private Property	205	1.2	246	12	20.5	15	137%	No
										No
	18 (Large Trees)	Private Property	148	1	148	4	37.0	18	206%	No
	19 (Large Trees)	Private Property	80	1.2	96	5	19.2	18	107%	No
	Totals		1383	24.2	1661.6	85	418.6	306.0	137%	

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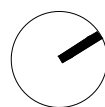
Key map



Scale

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Phase

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Date

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Drawing Name

SOIL VOLUME NOTES & SCHEDULE

Sheet Number

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LSV.100



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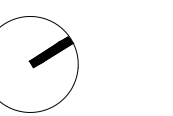
## Key map



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## Phase

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2024-07-09

Drawing Name

## SOIL VOLUME PLAN

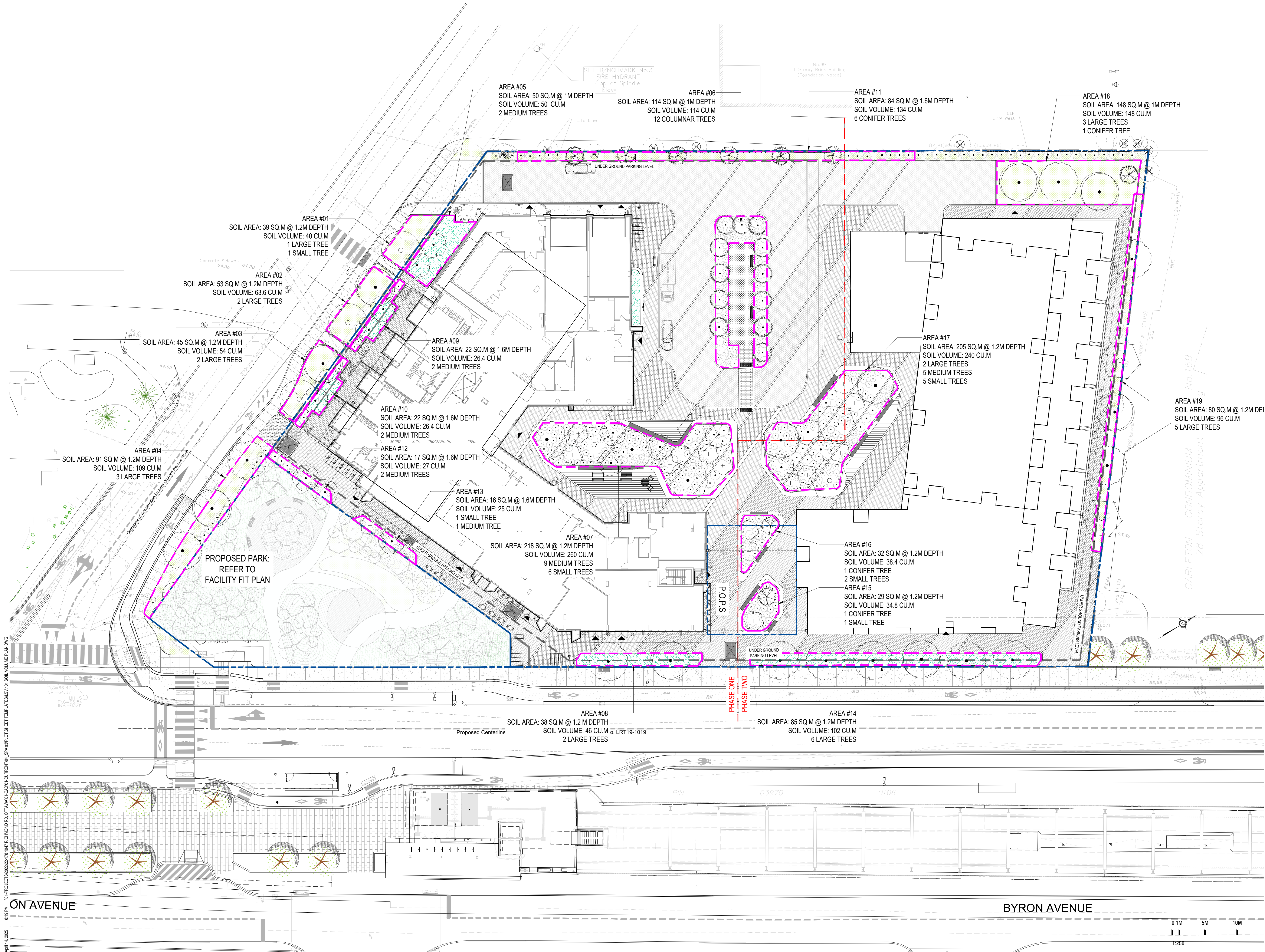
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COMPOSITE UTILITY PLAN

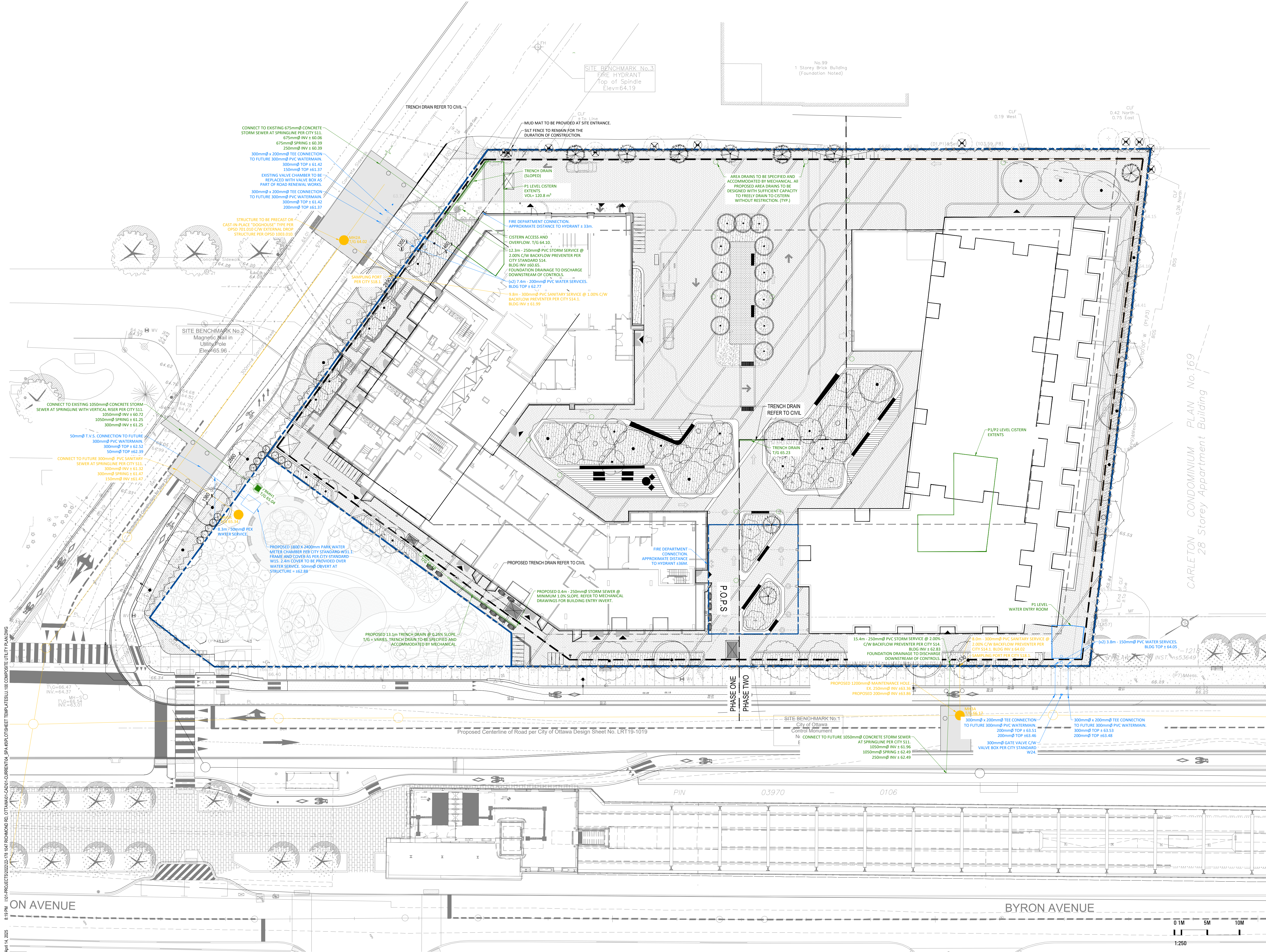
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EXTERIOR LIGHTING FIXTURE SCHEDULE						
TYPE	DESCRIPTION	CATALOG NUMBER	LAMPS PER FIXTURE	VOLT	MOUNTING	REMARKS
A	WALL SCONCE	WAC LIGHTING WS-W2108-30	LED 8.4 3000K	120	SURFACE	C/W ACCESSORIES
B1	BOLLARD	SIGNIFY GARDCO PBL-42-14L-300-WW-62-S-UNV	LED 10.6 3000K	120	SURFACE	C/W ACCESSORIES
B2	BOLLARD	SIGNIFY GARDCO PBL-42-14L-200-WW-62-3-UNV	LED 10.6 3000K	120	SURFACE	C/W ACCESSORIES
C	WALL MOUNTED	WAC LIGHTING DC-WC0517-F30A	LED 16.7 3000K	120	SURFACE	C/W ACCESSORIES
P	POLE	GARDCO PPT-S-404-830-TSM	LED 50.4 3000K	120	SURFACE	C/W ACCESSORIES
R	RECESSED	BEGA 2480BK3	LED 22 3000K	120	SURFACE	C/W ACCESSORIES
S	RECESSED	BEGA 3303SK3	LED 11 3000K	120	SURFACE	C/W ACCESSORIES
W	WALL SCONCE	SIGNIFY GARDCO 101L-16L-530-WW-62-4	LED 28.1 3000K	120	SURFACE	C/W ACCESSORIES
NOTE: LIGHT FIXTURES EQUAL IN AESTHETICS AND PERFORMANCE ARE ACCEPTABLE. ALL LED FIXTURES SHALL BE C/W DRIVERS.						

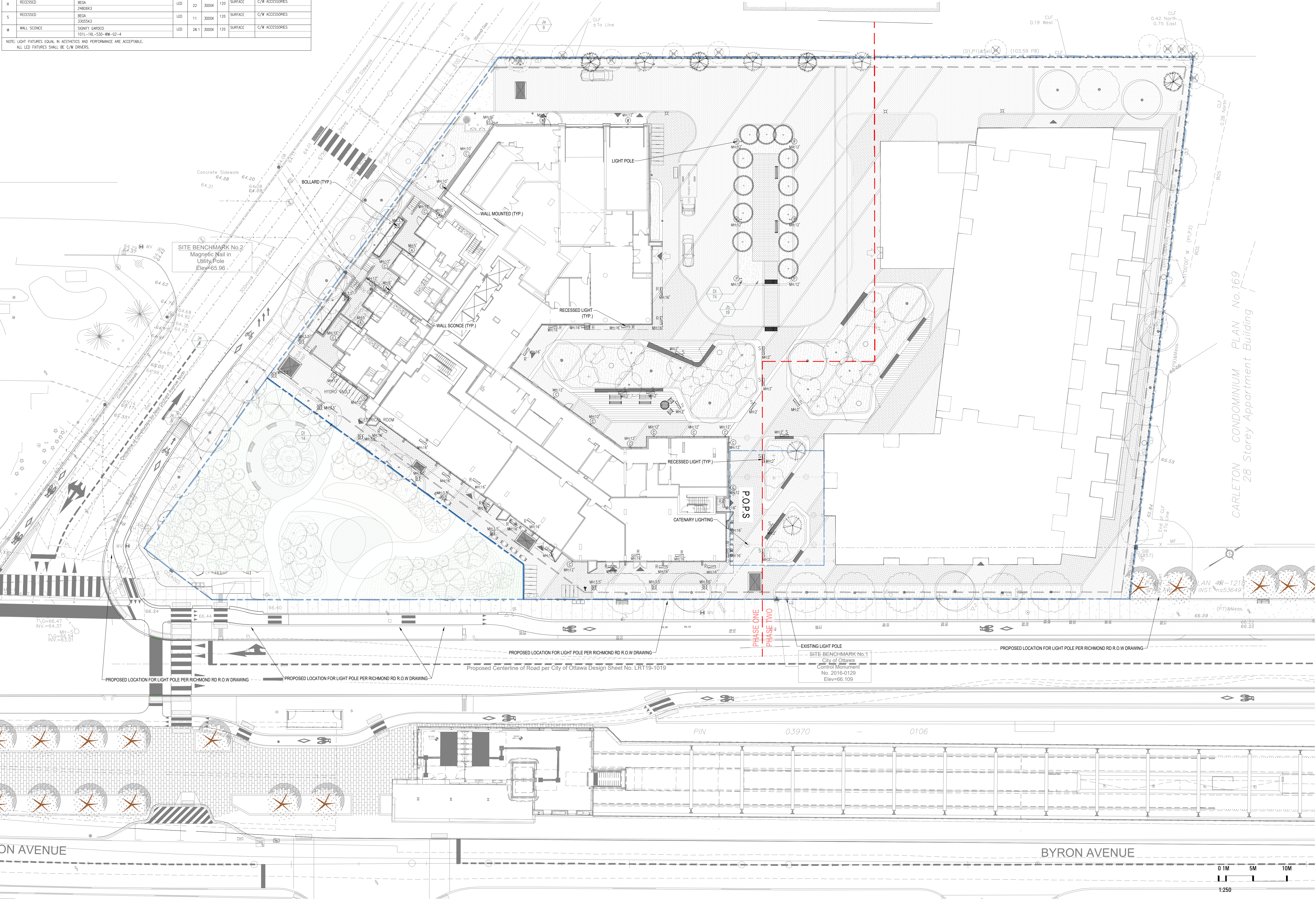
LIGHTING PLAN TO BE UPDATED

THE ULTIMATE DESIGN WILL NEED TO BE REVIEWED AND CERTIFIED THAT THE EXTERIOR SITE LIGHTING HAS BEEN DESIGNED TO MEET THE FOLLOWING CRITERIA:

- (i)

IT MUST BE DESIGNED USING ONLY FIXTURES THAT MEET THE CRITERIA FOR FULL CUT-OFF (SHARP CUT-OFF) CLASSIFICATION, AS RECOGNIZED BY THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA OR IES); AND
- (ii)

IT MUST RESULT IN MINIMAL LIGHT SPILLAGE ONTO ADJACENT PROPERTIES. AS A GUIDELINE, 0.5 FC IS NORMALLY THE MAXIMUM ALLOWABLE SPILLAGE.



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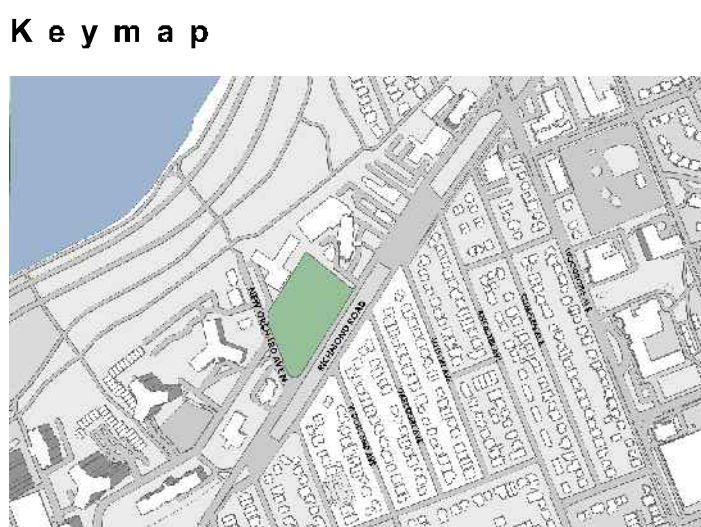
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LANDSCAPE LIGHTING PLAN

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



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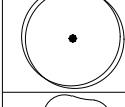
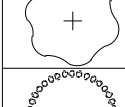
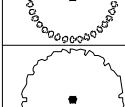


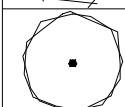
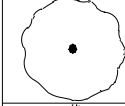



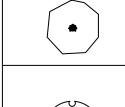
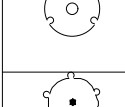
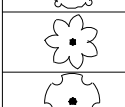
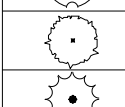
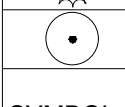
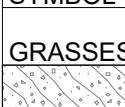
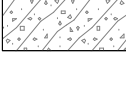

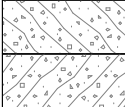

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PLANT SCHEDULE R.O.W							
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	REMARKS
TREES							
	AX	3	ACER X FREEMANII	FREEMAN MAPLE	B&B	60MM CAL.	NATIVE TO ONTARIO
	CO	2	CELTIS OCCIDENTALIS	COMMON HACKBERRY	B&B	60MM CAL.	NATIVE TO ONTARIO
	QR	3	QUERCUS RUBRA	NORTHERN RED OAK	B&B	70MM CAL.	NATIVE TO ONTARIO
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	HT.	REMARKS
SHRUBS							
	Je	9	JUNIPERUS VIRGINIANA	EASTERN REDCEDAR	B & B	150 CM	NATIVE

PLANT SCHEDULE SUBJECT SITE									
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	HT.		REMARKS
TREES									
	AB	5	ABIES BALSAMEA	BALSAM FIR	B&B				
	AX	5	ACER X FREEMANII	FREEMAN MAPLE	B&B	60MM CAL.			NATIVE TO ONTARIO
	AA	15	AMELANCHIER ARBOREA	DOWNY SERVICEBERRY	B&B	60MM CAL.			NATIVE TO ONTARIO
	CB	12	CARPINUS BETULUS 'FASTIGIATA'	UPRIGHT EUROPEAN HORNBEAM	B&B				
	CO	3	CELTIS OCCIDENTALIS	COMMON HACKBERRY	B&B	60MM CAL.			NATIVE TO ONTARIO
	CE	16	CERCIS CANADENSIS	EASTERN REDBUD MULTI-TRUNK	B&B	60MM CAL.			NATIVE TO ONTARIO
	GI	6	GLEDITSIA TRIACANTHOS INERMIS 'IMPCOLE'	IMPERIAL® HONEY LOCUST	B&B				
	GK	2	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	B&B				
	OV	3	OSTRYA VIRGINIANA	AMERICAN HOPHORNBEAM	B&B				NATIVE TO ONTARIO
	PS	4	PINUS STROBUS	WHITE PINE	B&B				
	QM	6	QUERCUS MACROCARPA	BURR OAK	B&B				NATIVE TO ONTARIO
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	HT.	SPR.		REMARKS
SHRUBS									
	AI	102	AMORPHA CANESCENS	LEADPLANT	2 GAL.				NATIVE, DROUGHT TOLERANT POLLINATOR SHRUB. ATTRACTS BUTTERFLIES.
	Ca	87	CEANOTHUS AMERICANUS	NEW JERSEY TEA	3 GAL.		60 CM		NATIVE, DROUGHT TOLERANT SHRUB. FRAGRANT POLLINATOR THAT ATTRACTS BUTTERFLIES AND HUMMINGBIRDS.
	Cf	33	CORNUS SERICEA 'FLAVIRAMEA'	YELLOW TWIG DOGWOOD	3 GAL.				SALT TOLERANT
	DI	172	DIERVILLA LONICERA	BUSH HONEYSUCKLE	2 GAL.				NATIVE
	Iw	37	ILEX VERTICILLATA	WINTERBERRY	1 GAL.				NATIVE
	Jb	19	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP CREEPING JUNIPER	2 GAL.	30 CM			
	Je	42	JUNIPERUS VIRGINIANA	EASTERN REDCEDAR	B & B	150 CM			NATIVE
	Rt	19	RHUS TYPHINA	STAGHORN SUMAC	2 GAL.				NATIVE
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.			SPACING	REMARKS
GRASSES									
	Pr	26,033	PANICUM VIRGATUM 'ROTSTRAHLBUSCH'	ROTSTRAHLBUSCH RED SWITCH GRASS	1 GAL.			50 mm	NATIVE, DROUGHT & SALT TOLERANT
	Sn	154.8 m²	SORGHASTRUM NUTANS	INDIAN GRASS	2 GAL.				NATIVE, SALT AND DROUGHT TOLERANT POLLINATOR

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1047 RICHMOND RD

OTTAWA, ON K2B 6R1

Project Number  
22-178

Client  
**FENGATE**  
2275 UPPER MIDDLE RD. E.,  
SUITE 700  
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Consultant  
ARCHITECTURE  
RLA/ARCHITECTURE  
56 Beach Street  
OTTAWA, ON K1S3J6, CANADA  
TEL: 613.724.9932



Revisions

13	ISSUED FOR SPA	2025-04-11	AK
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4	ISSUED FOR UDRP	2024-07-30	AK
3	ISSUED FOR COORDINATION	2024-07-15	AK
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Signature

YYYY-MM-DD

Date

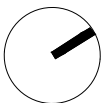
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Scale

AS SHOWN

North



Phase

SPA

Date

2024-07-09

Drawing Name

PLANTING SCHEDULE AND NOTES

Sheet Number

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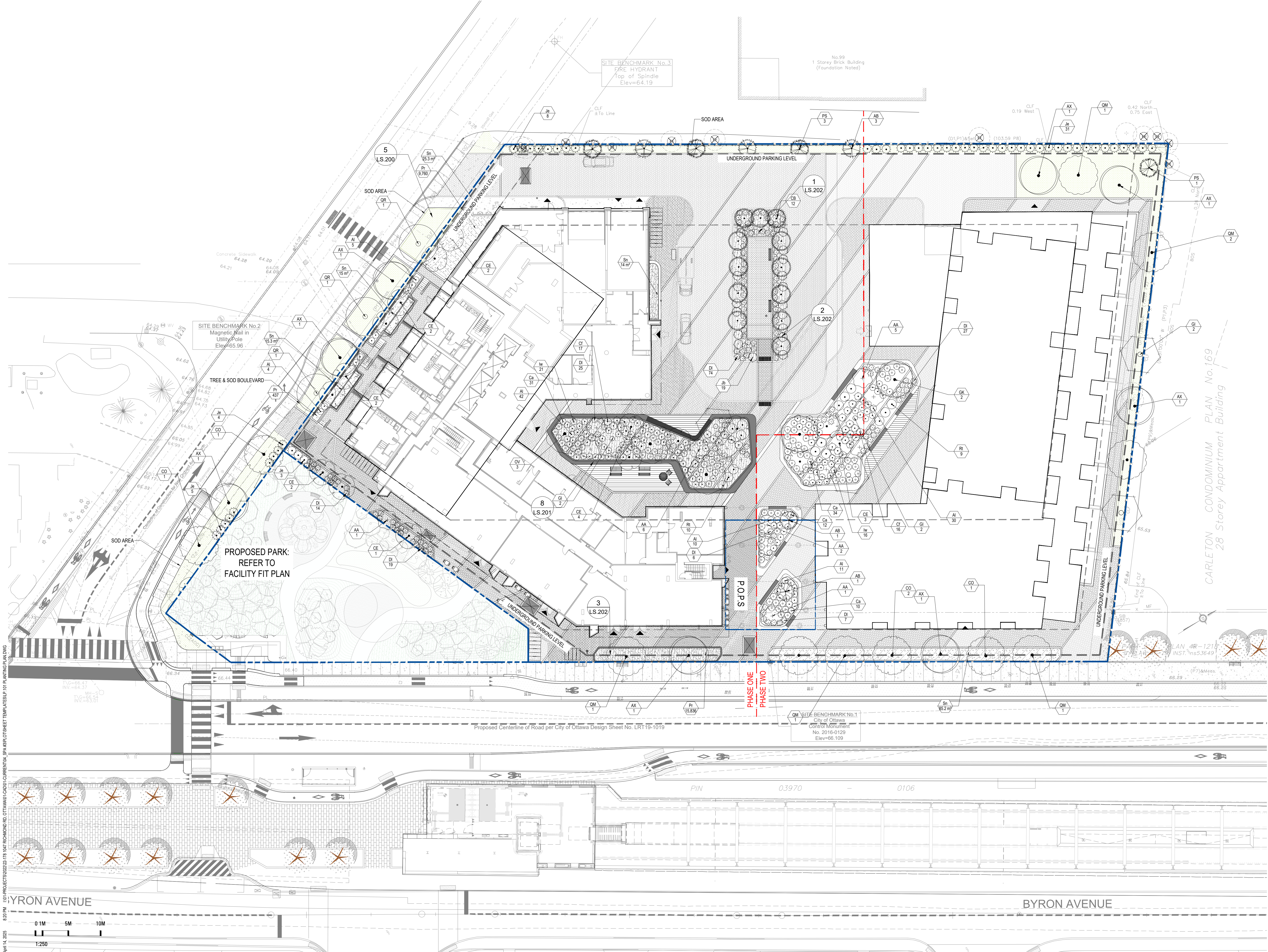
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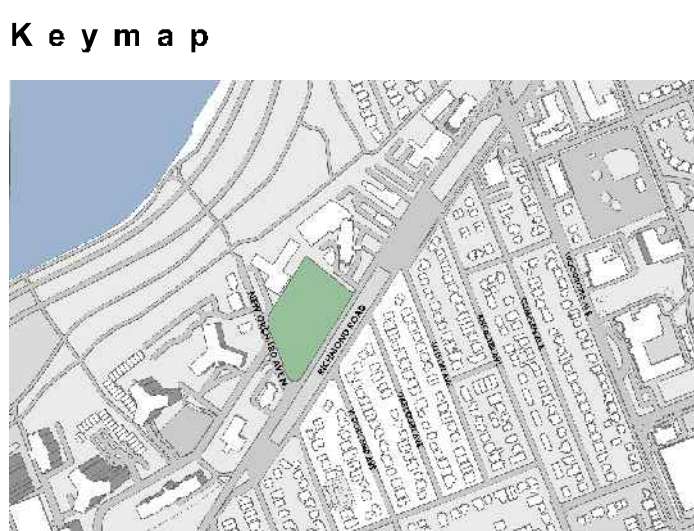
Client  
**FENGATE**  
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Date



Scale  
AS SHOWN

North

Phase  
SPA

Date  
2024-07-09

Drawing Name

PLANTING PLAN

Sheet Number  
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LP.101



Tree	Species		Category S, M, L	Number	Canopy Area (m2)	Canopy Area Sub-total (m2)
PROPOSED TREE COVER ON SUBJECT SITE						
AX	ACER X FREEMANII	FREEMAN MAPLE	L	5	64	320
AA	AMELANCHIER ARBOREA	DOWNY SERVICEBERRY	S	15	20	300
AB	ABIES BALSAMEA	BALSAM FIR	M	5	20	100
CB	CARPINUS BETULUS 'FASTIGIATA'	UPRIGHT EUROPEAN HORNBEAM	S	12	20	240
CO	CELTIS OCCIDENTALIS	COMMON HACKBERRY	L	3	64	192
CE	CERCIS CANADENSIS	EASTERN REDBUD	M	16	38	608
GI	GLEDITSIA TRIACANTHOS INERMIS 'IMPERIAL HONEY LOCUST		M	6	38	228
GK	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	L	2	64	128
OV	OSTRYA VIRGINIANA	AMERICAN HOP HORNBEAM	M	3	38	114
PS	PINUS STROBUS	WHITE PINE	L	4	28	112
QM	QUERCUS MACROCARPA	BURR OAK	L	6	64	384
					Total Canopy	2726
RIGHT OF WAY						
AX	ACER X FREEMANII	FREEMAN MAPLE	L	3	64	192
CO	CELTIS OCCIDENTALIS	COMMON HACKBERRY	L	2	64	128
QR	QUERCUS RUBRA	NORTHERN RED OAK	L	3	64	192
					Total Canopy in R.O.W.	512
Total Site Area (Subject Site Only; Excluding Park)						9067
Proposed Site Canopy Cover by 2057 (Total Canopy / Total Site Area)						30.07%



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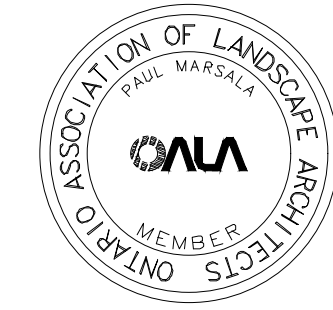
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**FENGATE**

**rla/architecture**

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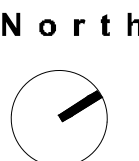


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Scale  
AS SHOWN



Phase  
SPA

Date  
2024-07-09

Drawing Name

TREE CANOPY COVER

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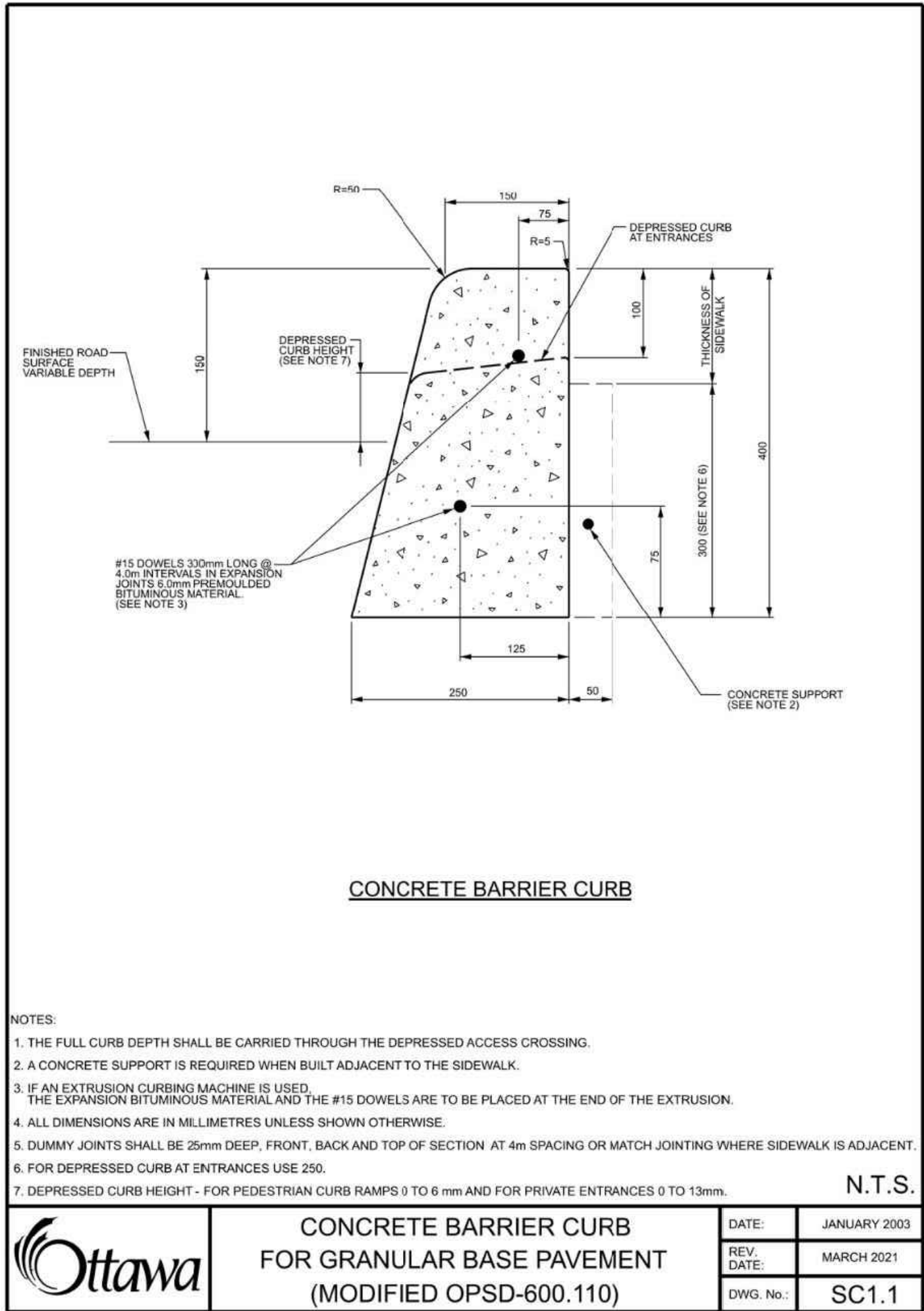
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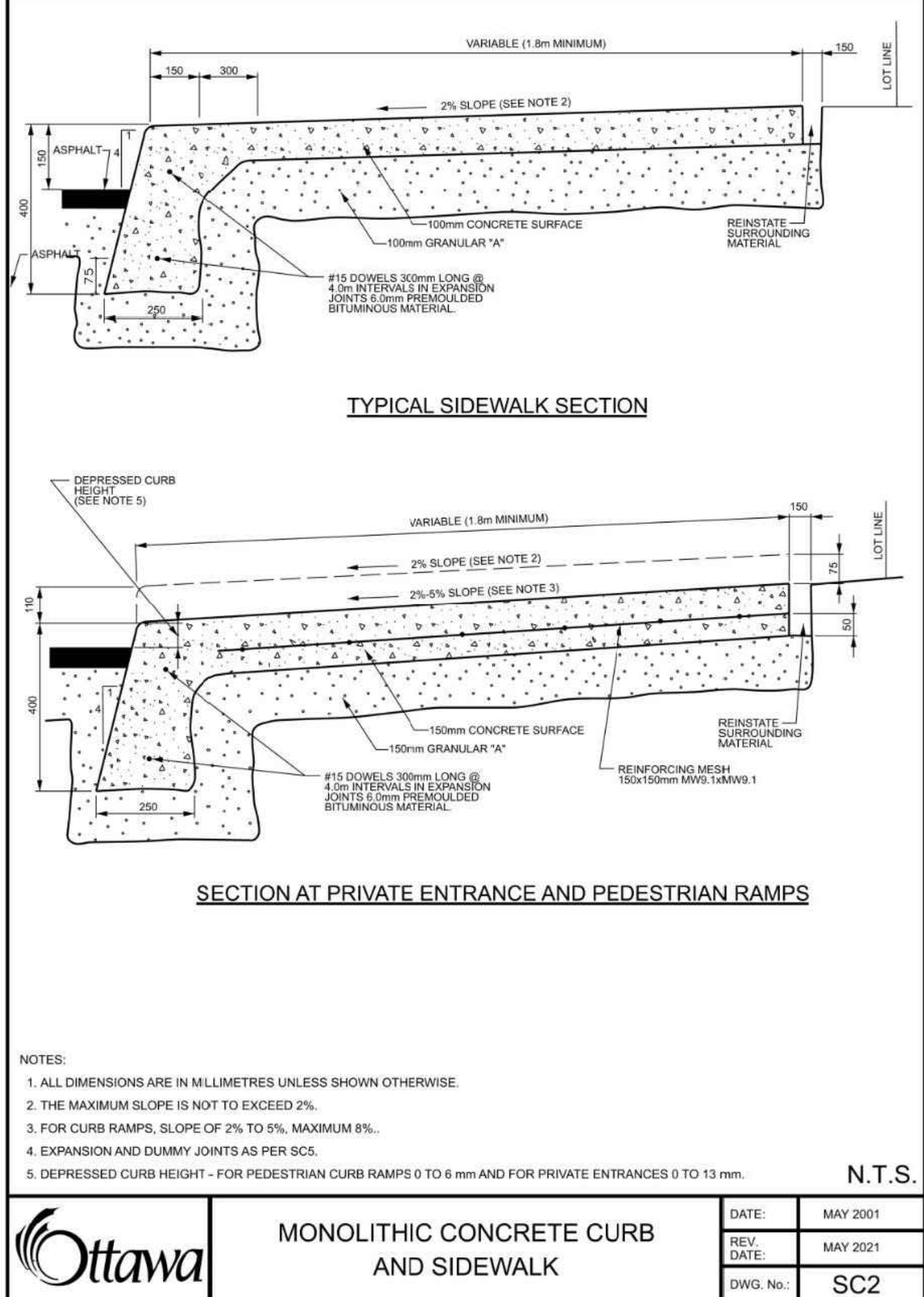
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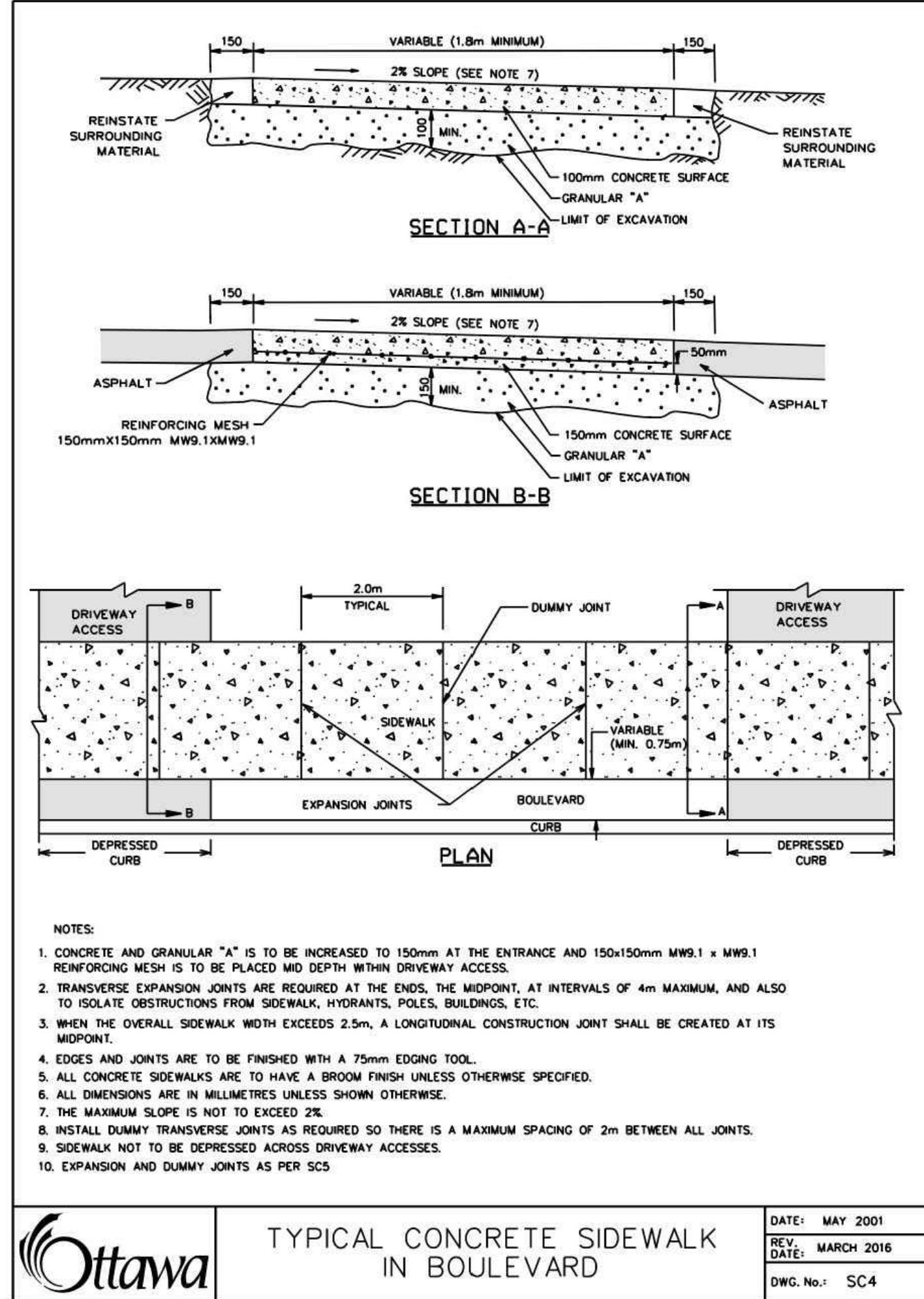




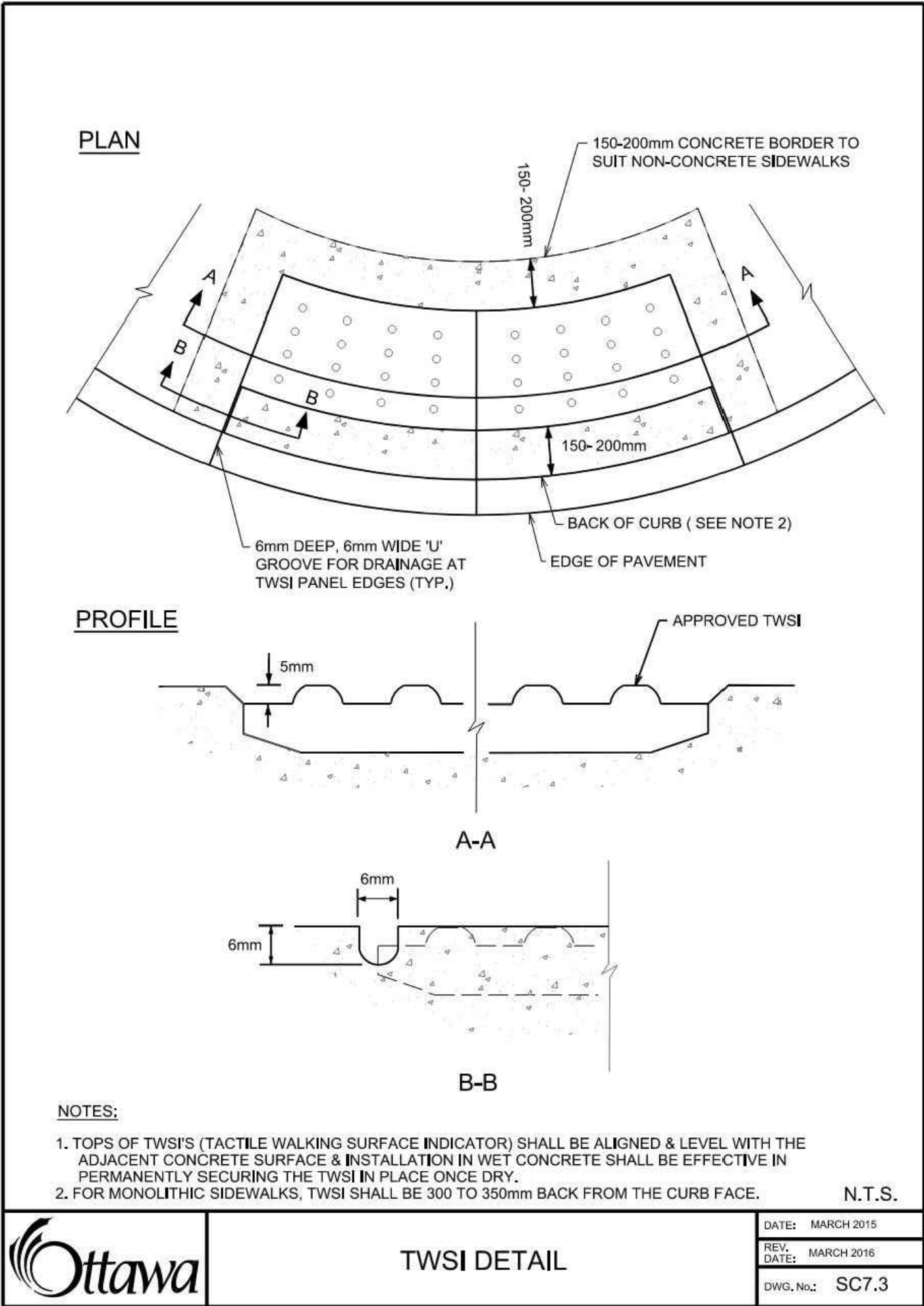
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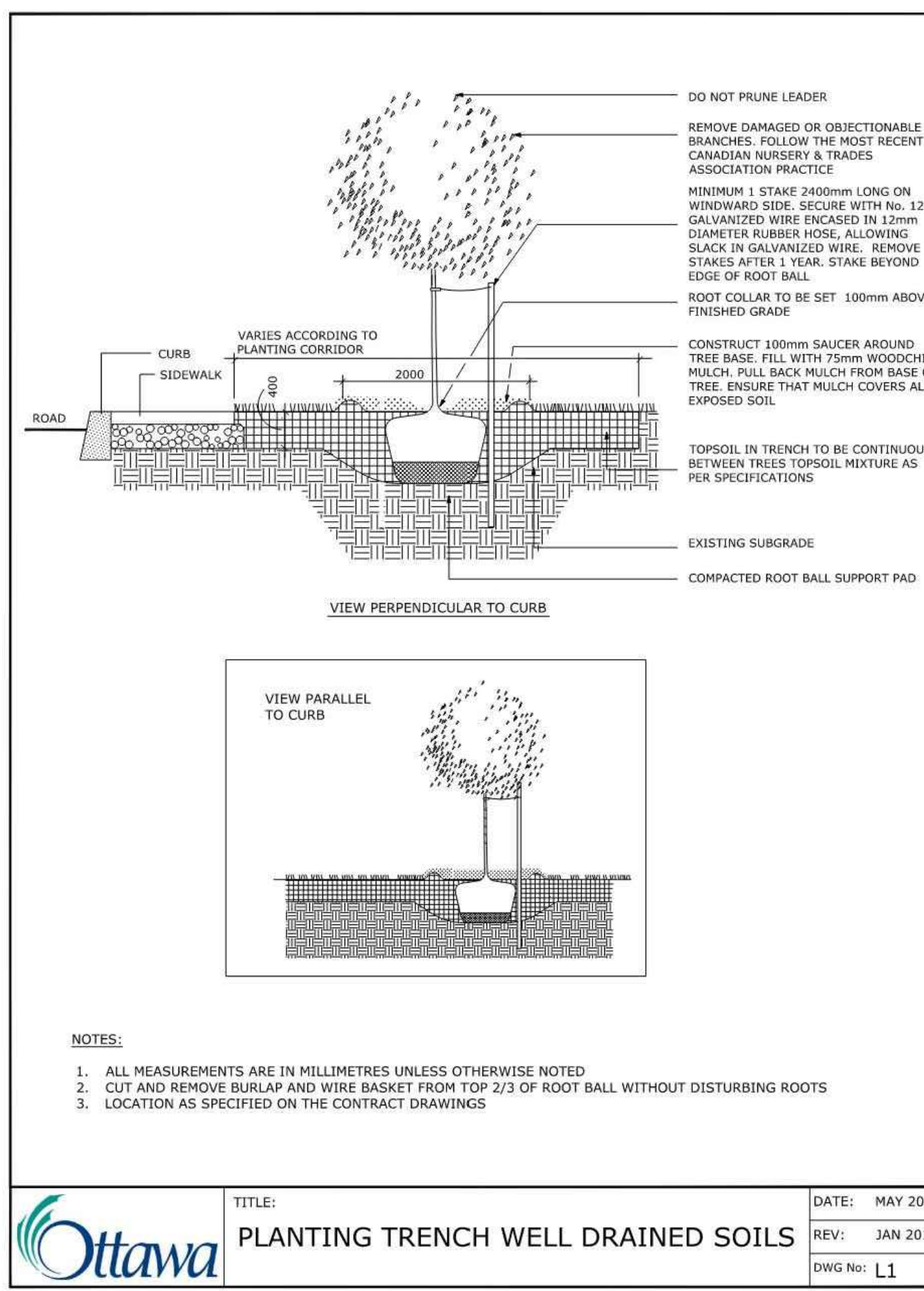
2 MONOLITHIC CONCRETE CURB AND SIDEWALK. SC2  
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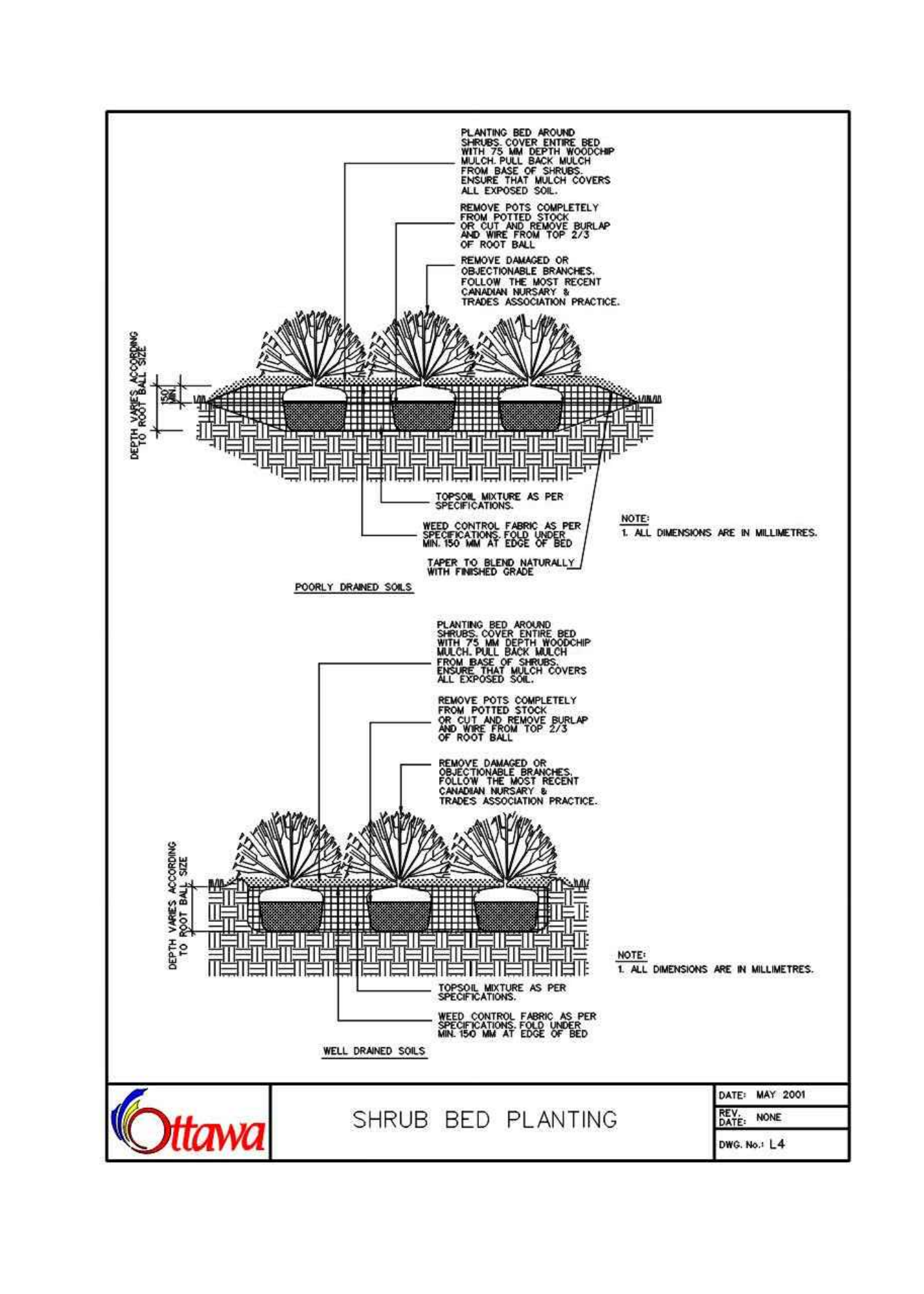
3 TYPICAL CONCRETE SIDEWALK IN BOULEVARD. SC4  
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4 TWSI DETAIL. SC 7.3  
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5 PLANTING TRENCH WELL DRAINED SOILS  
N.T.S.



6 SHRUB BED PLANTING  
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Revisions

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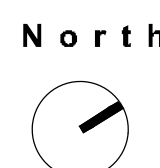


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Date

Keymap



Scale  
AS SHOWN



Phase  
SPA

Date  
2024-07-09

Drawing Name

LANDSCAPE DETAILS

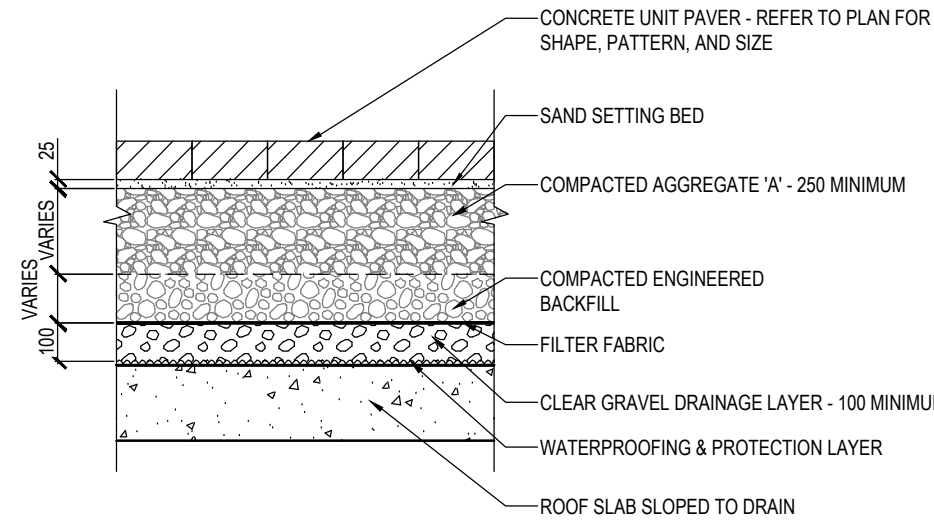
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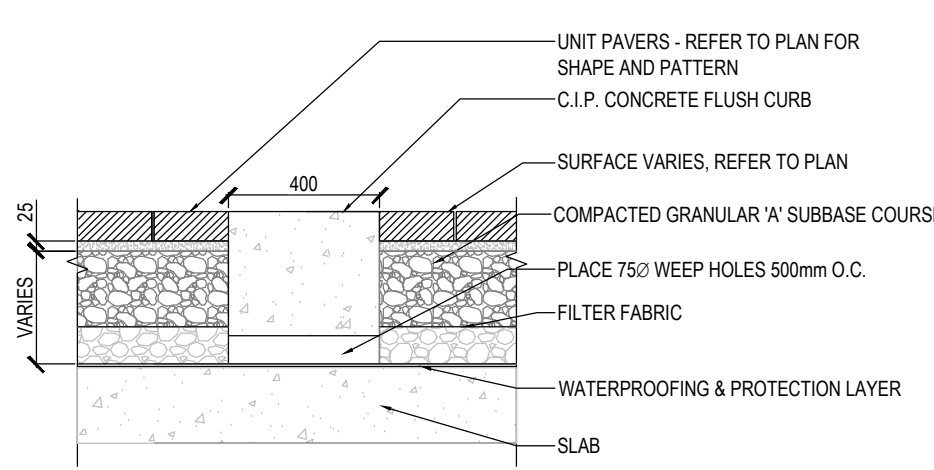
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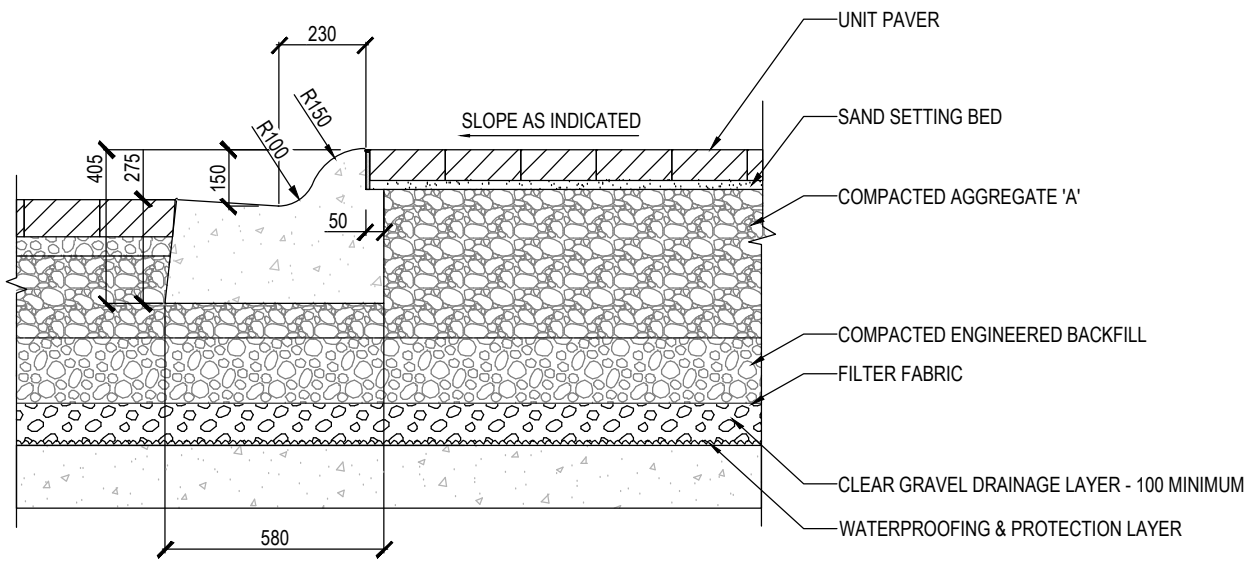
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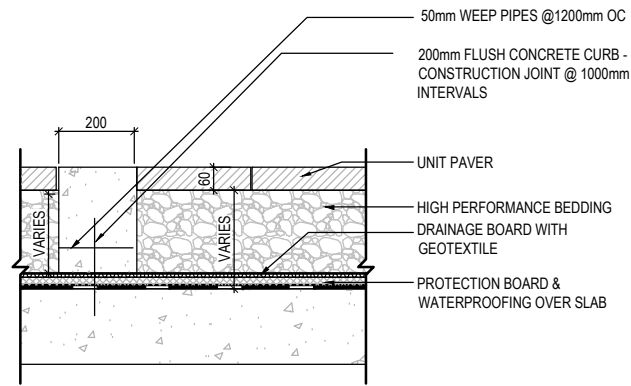
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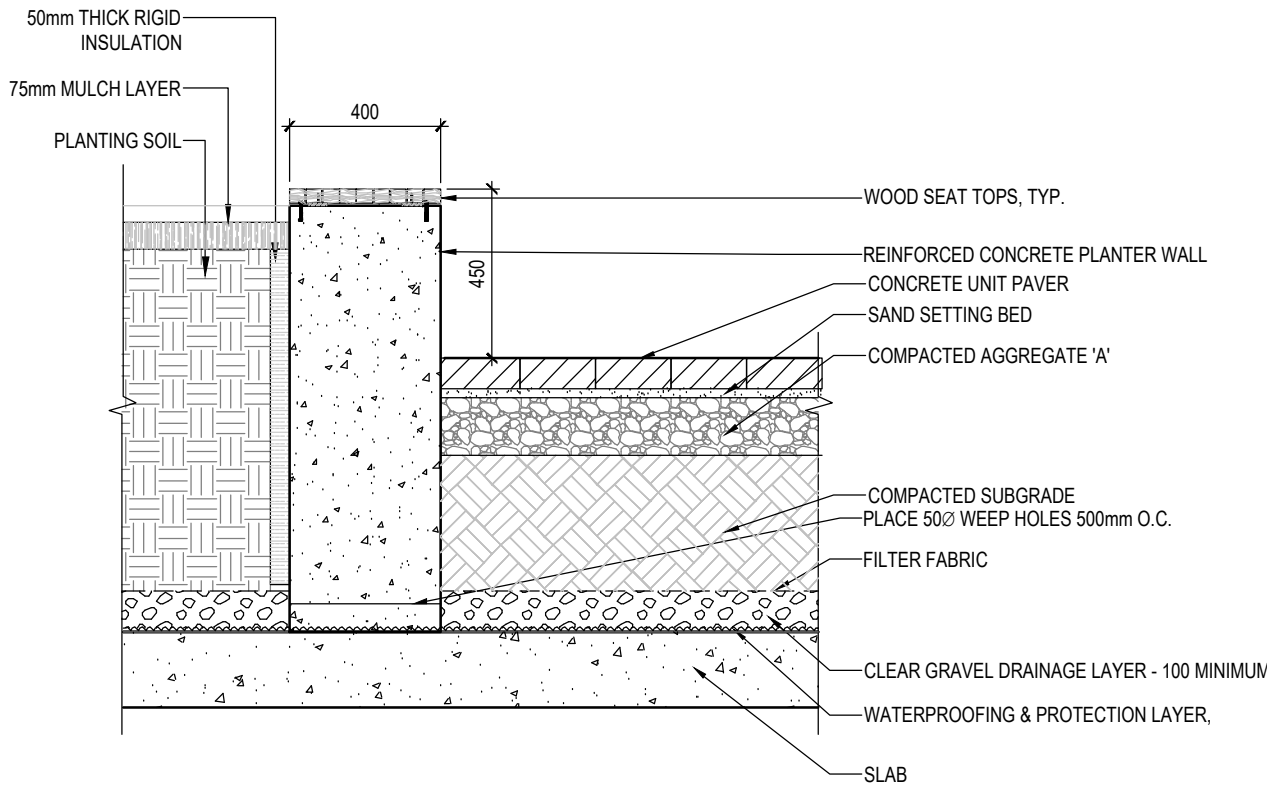
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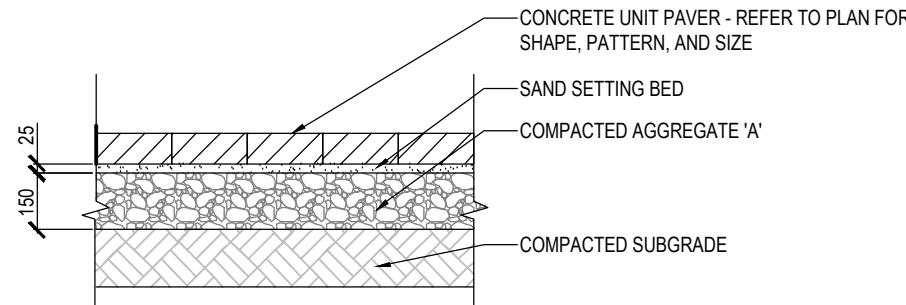
3 STANDARD ROLLED CURB AND GUTTER  
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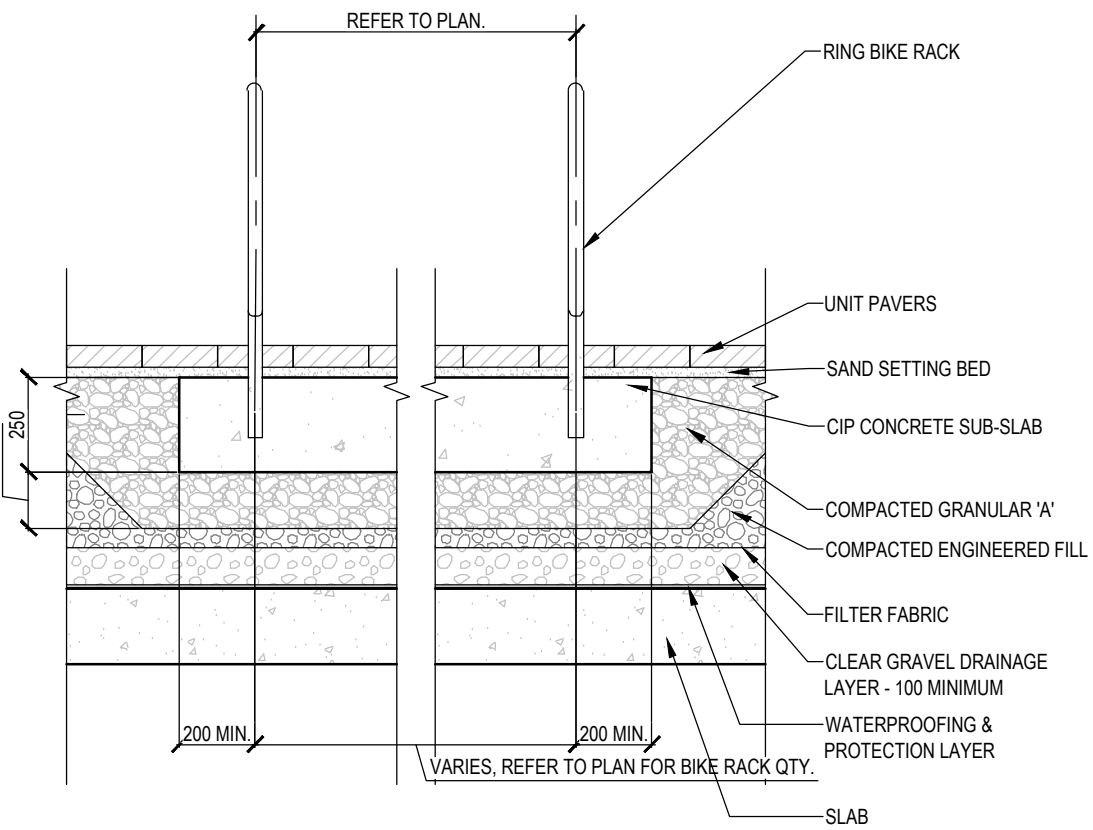
4 FLUSH CONCRETE CURB ON SLAB  
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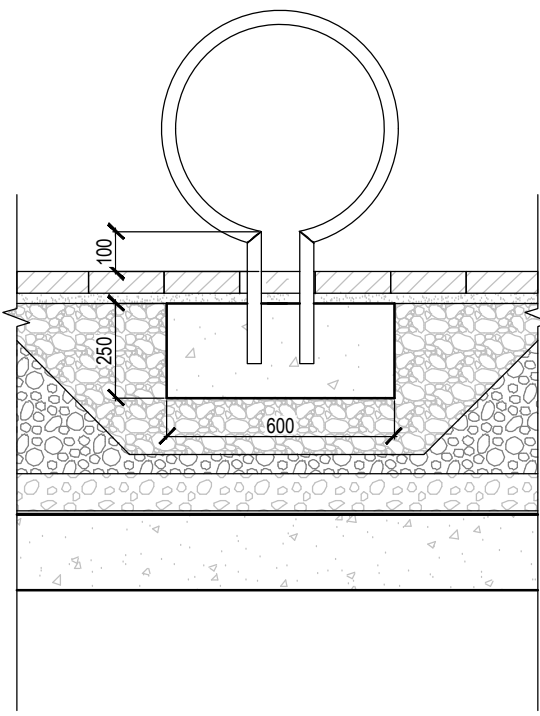
5 WOOD TOP BENCH ON CONCRETE SEAT WALL  
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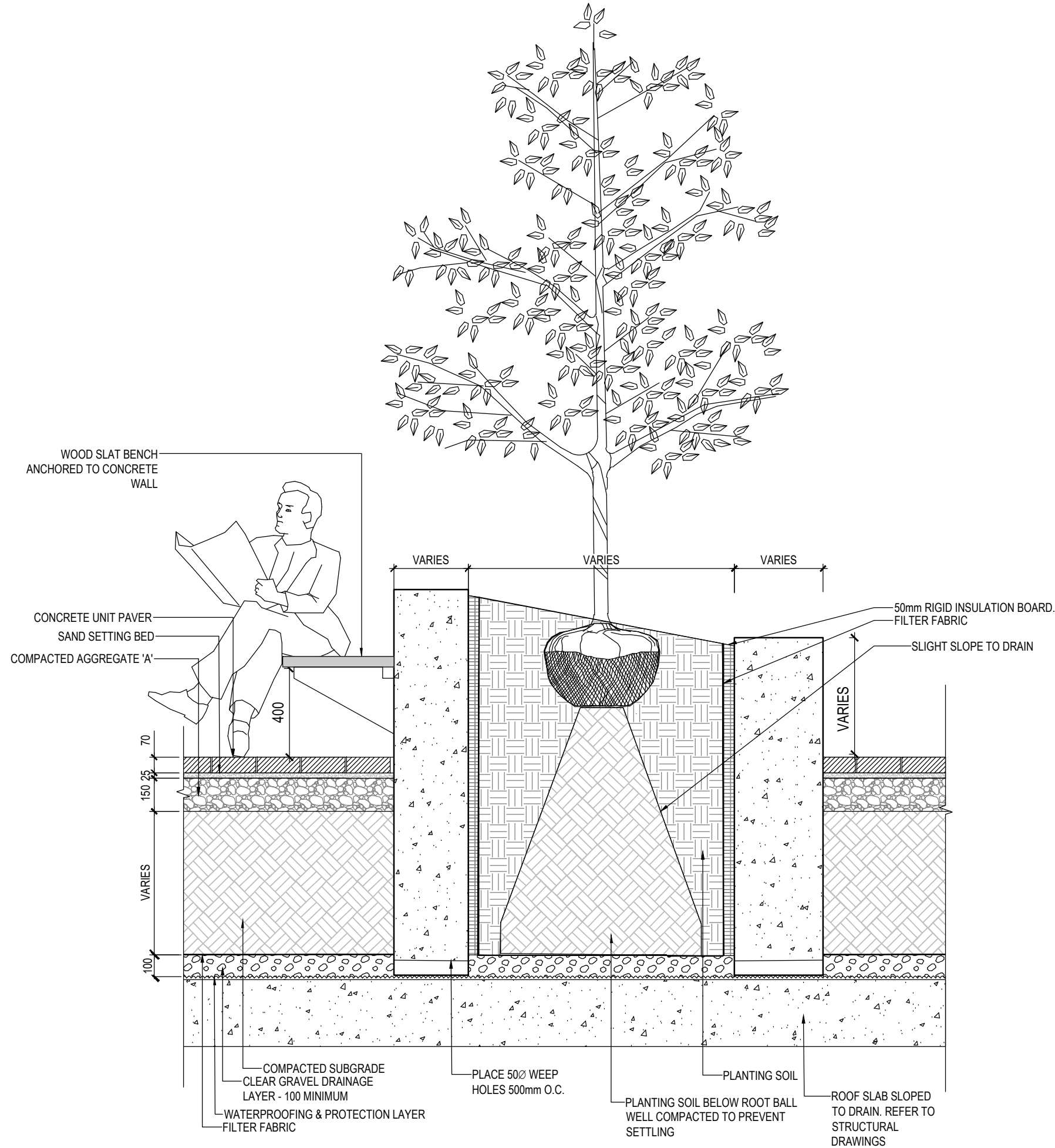
6 UNIT PAVERS ON GRADE  
1:20



7 BIKE RACK  
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8 CONCRETE PLANTER ON SLAB  
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## 1047 RICHMOND RD

OTTAWA, ON K2B 6R1

Project Number  
22-178

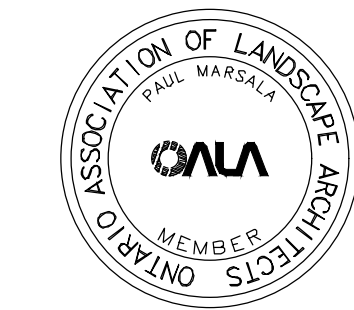
Client  
**FENGATE**  
2275 UPPER MIDDLE RD. E.,  
SUITE 700  
OAKVILLE, ON L6H 0C3

Consultant  
ARCHITECTURE  
RLA/ARCHITECTURE  
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Signature  
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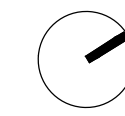
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### Scale

AS SHOWN

### North



### Phase

SPA

### Date

2024-07-09

### Drawing Name

LANDSCAPE DETAILS

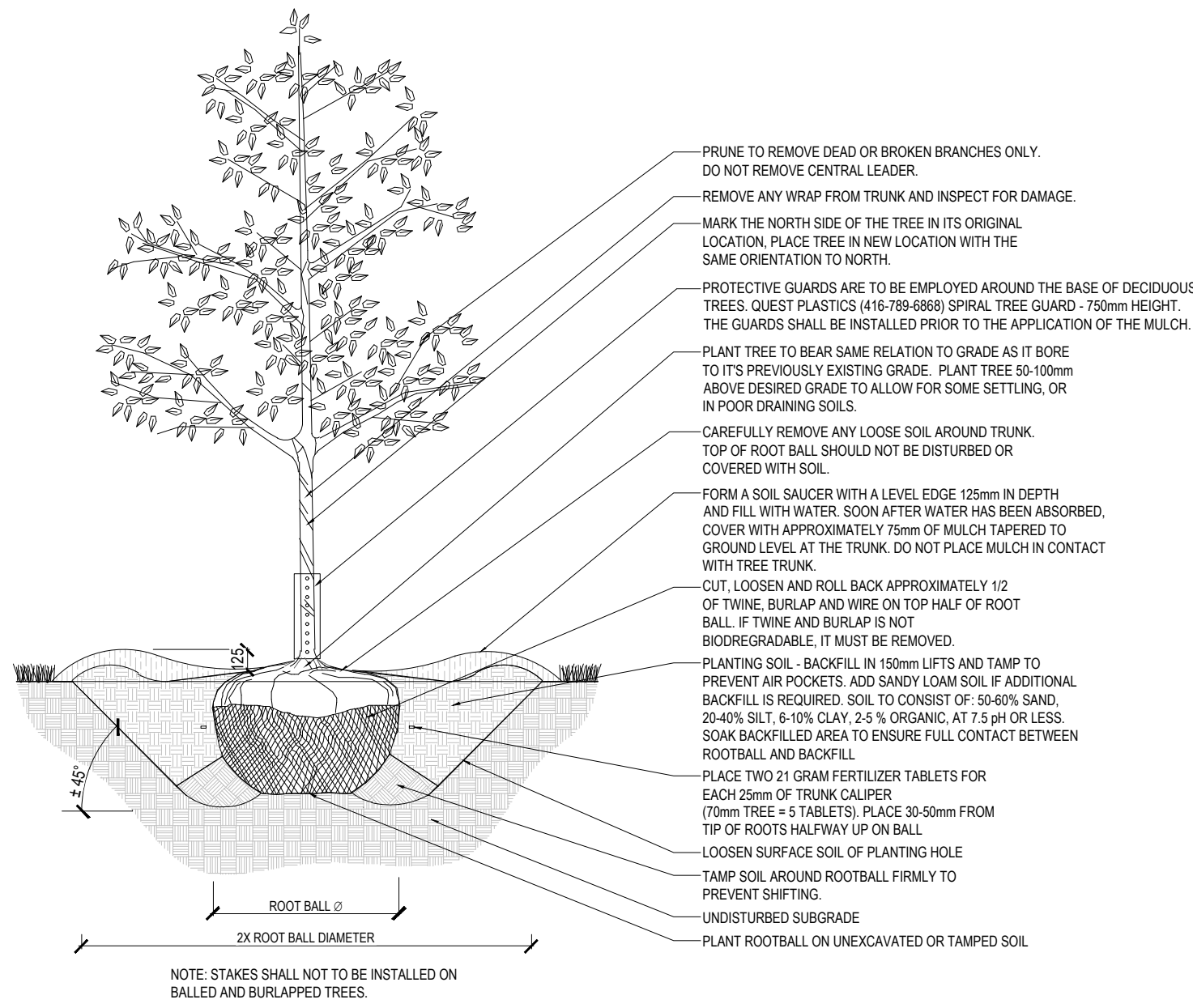
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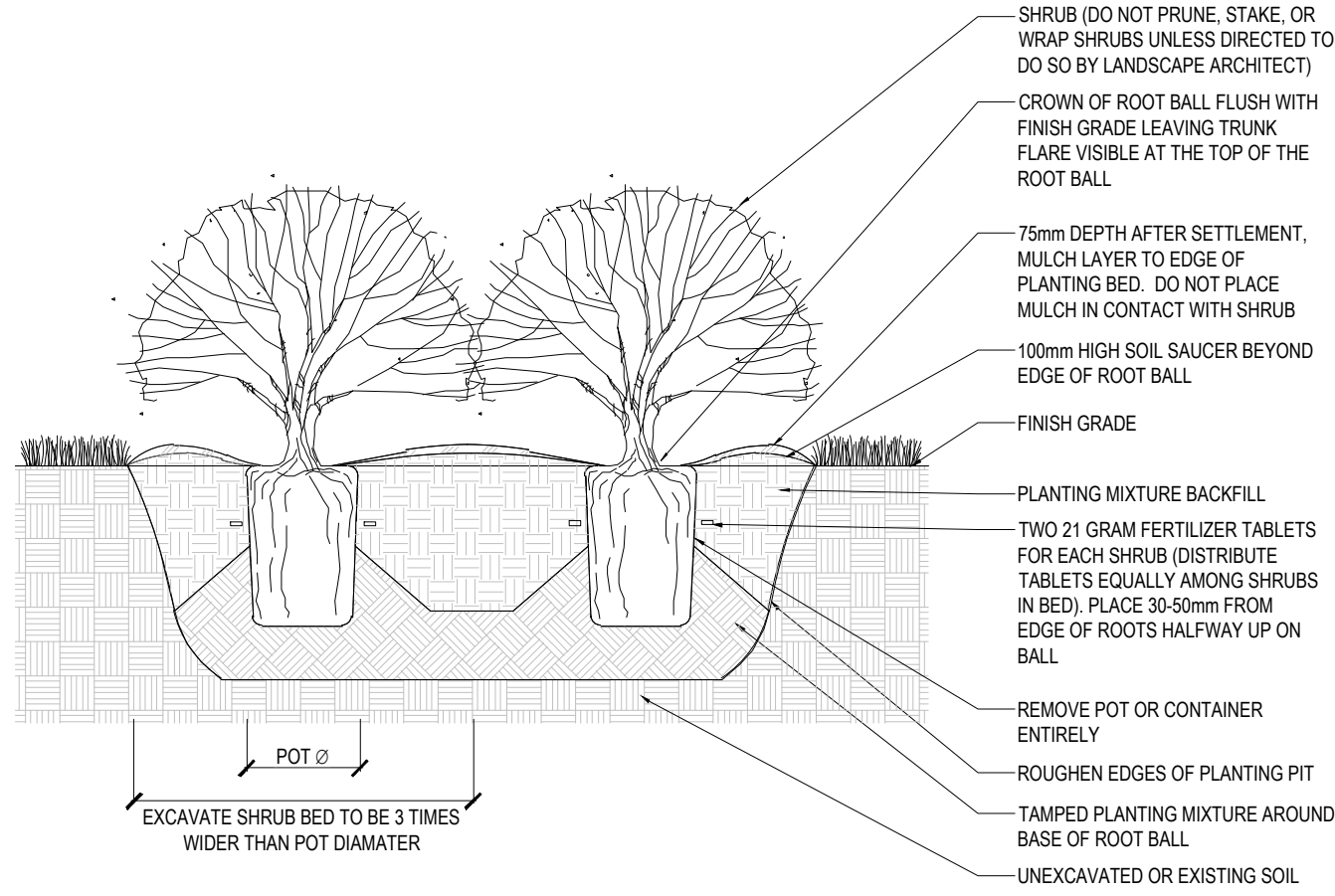


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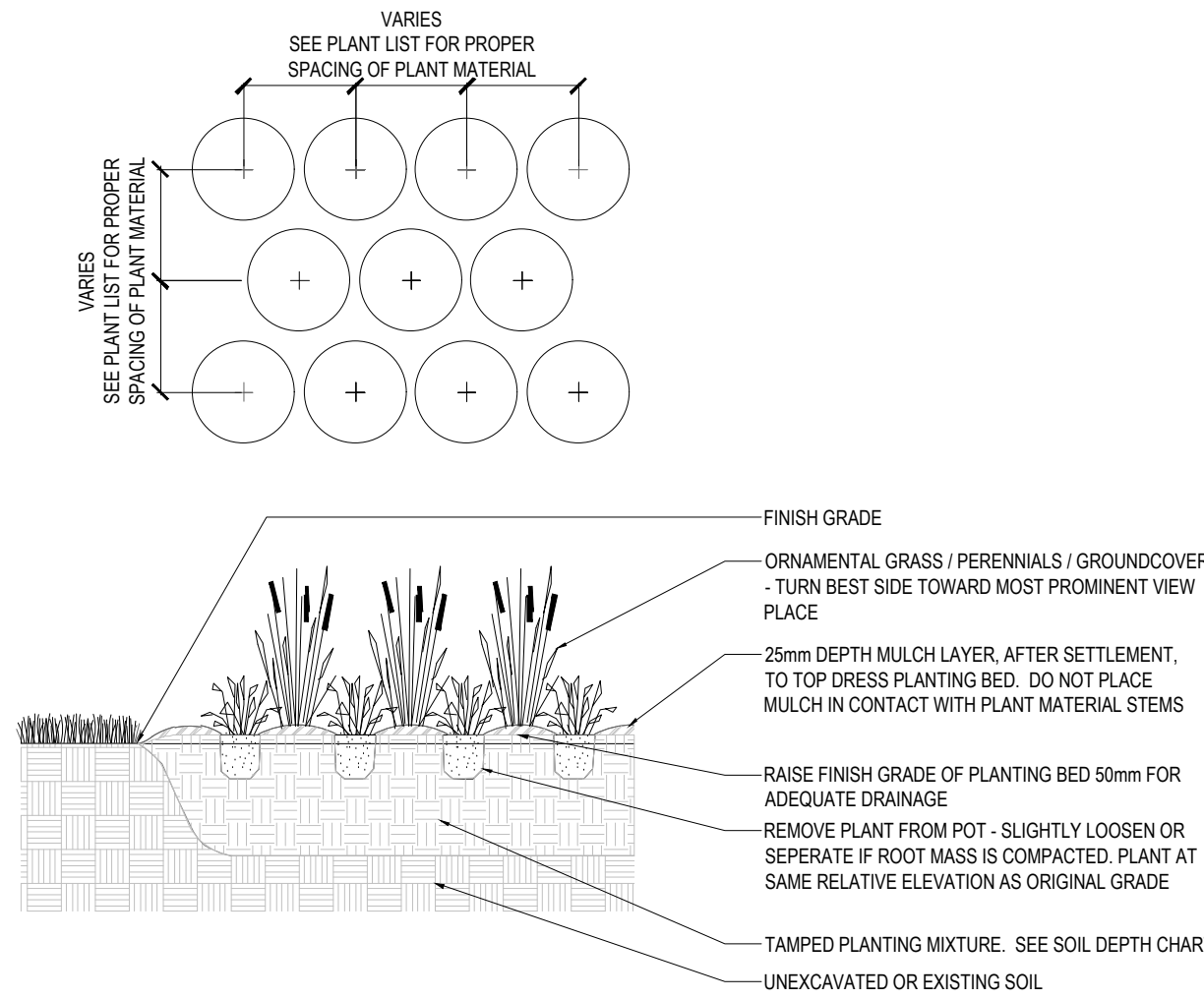
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N.T.S



## 2 POTTED SHRUB BED PLANTING DETAIL

N.T.S



## 3 GROUND COVER PLANTING

N.T.S

Landscape Architect

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1047 RICHMOND RD

OTTAWA, ON K2B 6R1

Project Number

22-178

Client

FENGATE

2275 UPPER MIDDLE RD. E.,  
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Signature

YYYY-MM-DD

Date

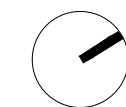
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## Scale

AS SHOWN

## North



## Phase

SPA

## Date

2024-07-09

## Drawing Name

LANDSCAPE DETAILS

## Sheet Number

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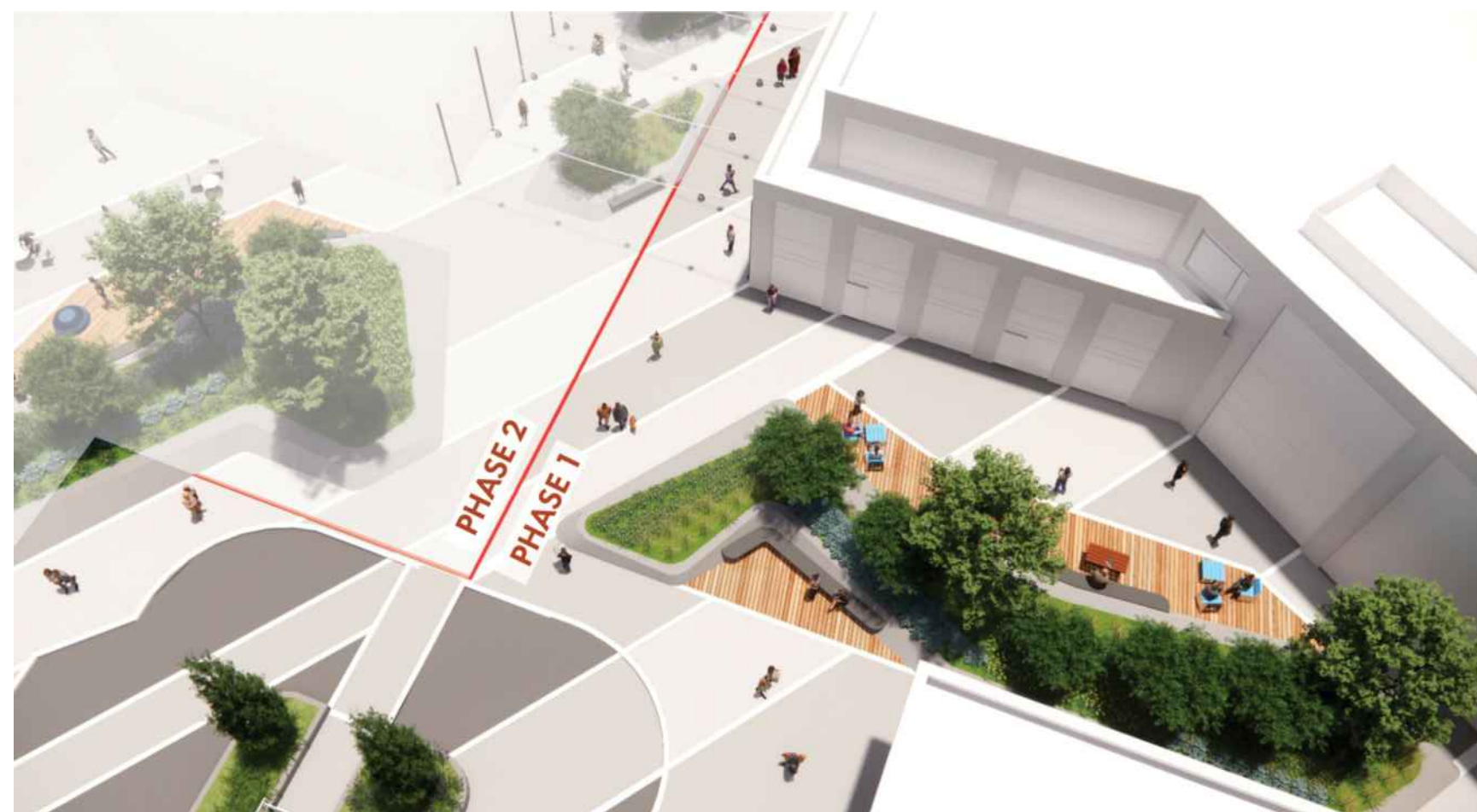
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## Revisions

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11	ISSUED FOR SPA	2024-12-13	AK
10	ISSUED FOR COORDINATION	2024-12-04	AK
9	ISSUED FOR SPA	2024-10-11	AK
8	ISSUED FOR SPA	2024-09-03	AK
7	ISSUED FOR COORDINATION	2024-08-30	AK
6	ISSUED FOR COORDINATION	2024-08-27	AK
5	ISSUED FOR COORDINATION	2024-08-21	AK
4	ISSUED FOR UORP	2024-07-30	AK
3	ISSUED FOR COORDINATION	2024-07-15	AK
2	ISSUED FOR COORDINATION	2024-07-12	AK
1	ISSUED FOR COORDINATION	2024-07-09	AK



Signature

YYYY-MM-DD

Date \_\_\_\_\_

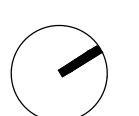
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Scale

AS SHOWN

North



## Phase

SPA

Date \_\_\_\_\_

2024-07-09

Drawing Name

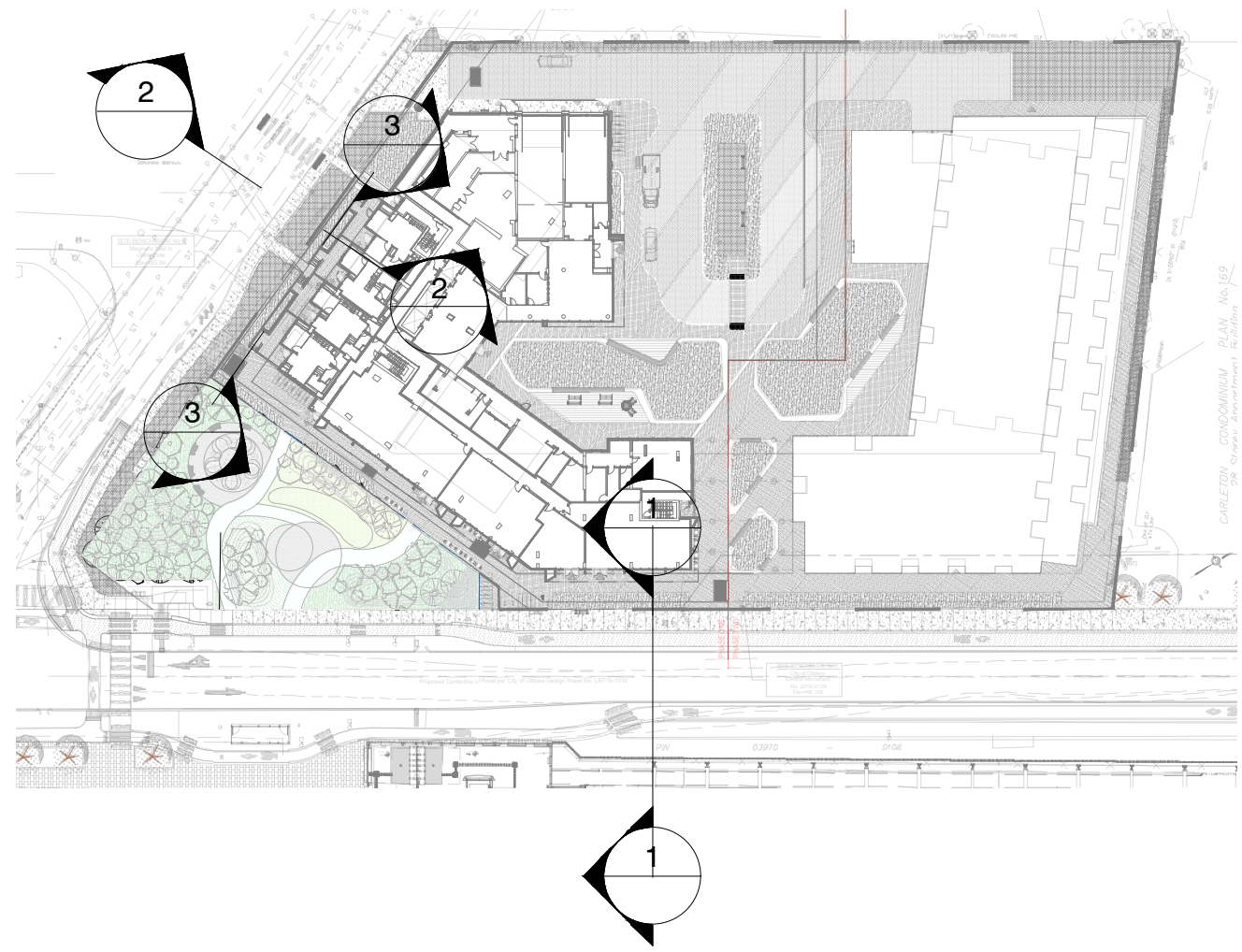
LANDSCAPE VIEWS

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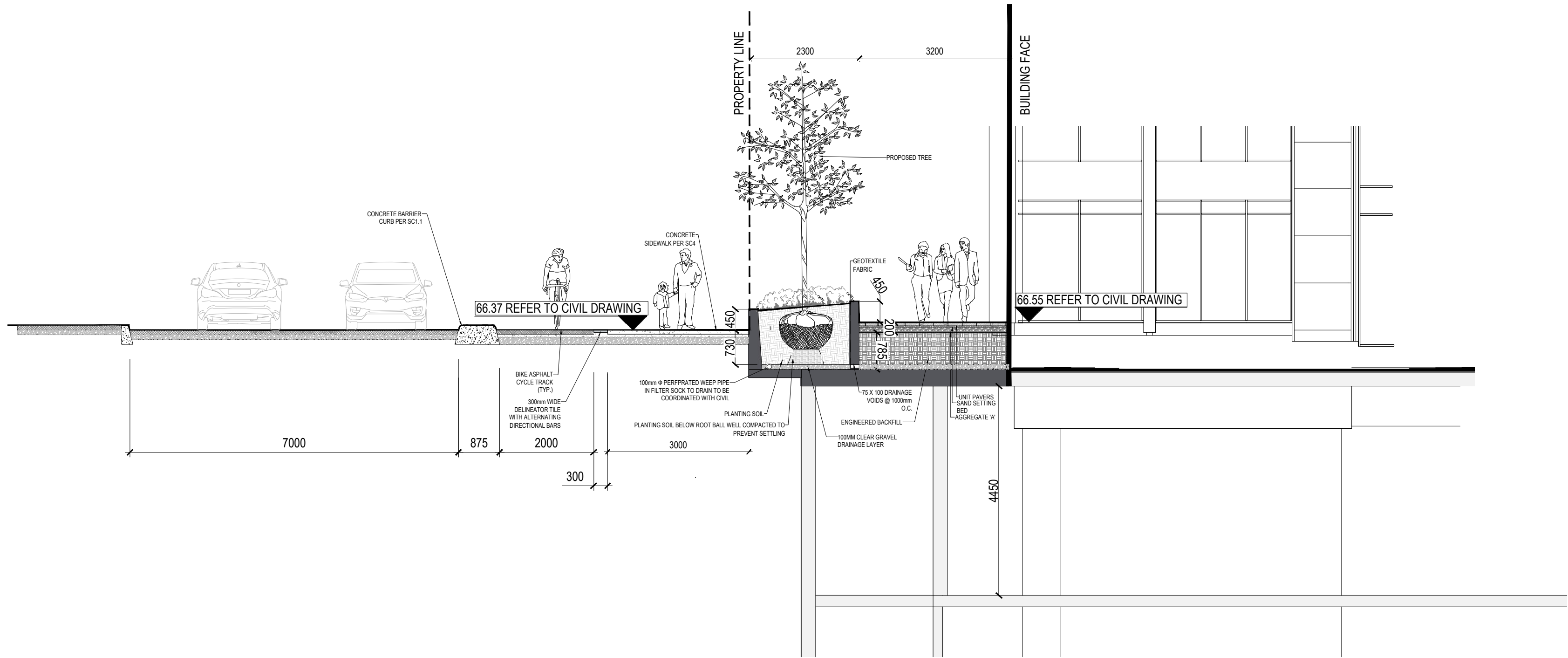
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LS.203

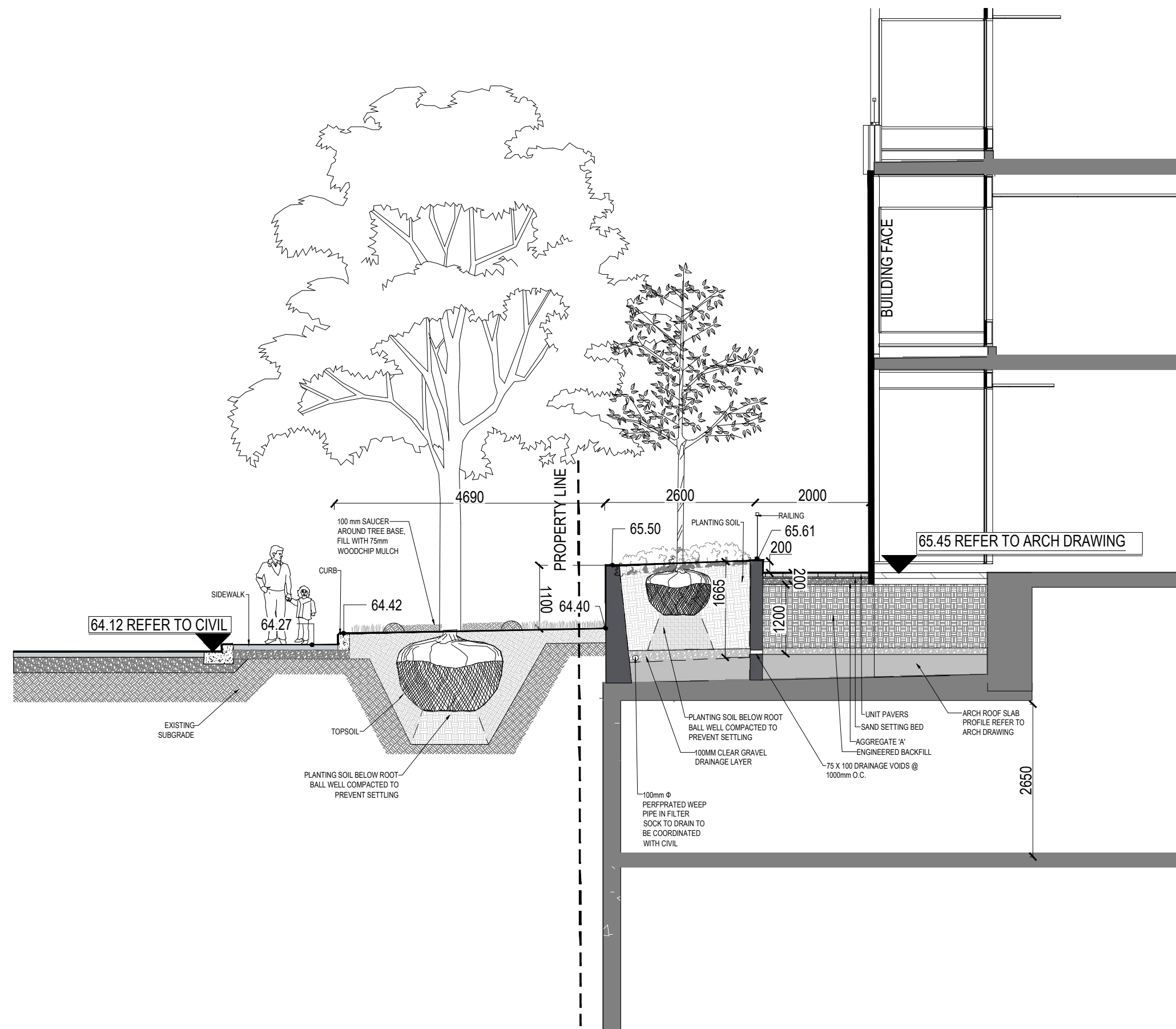




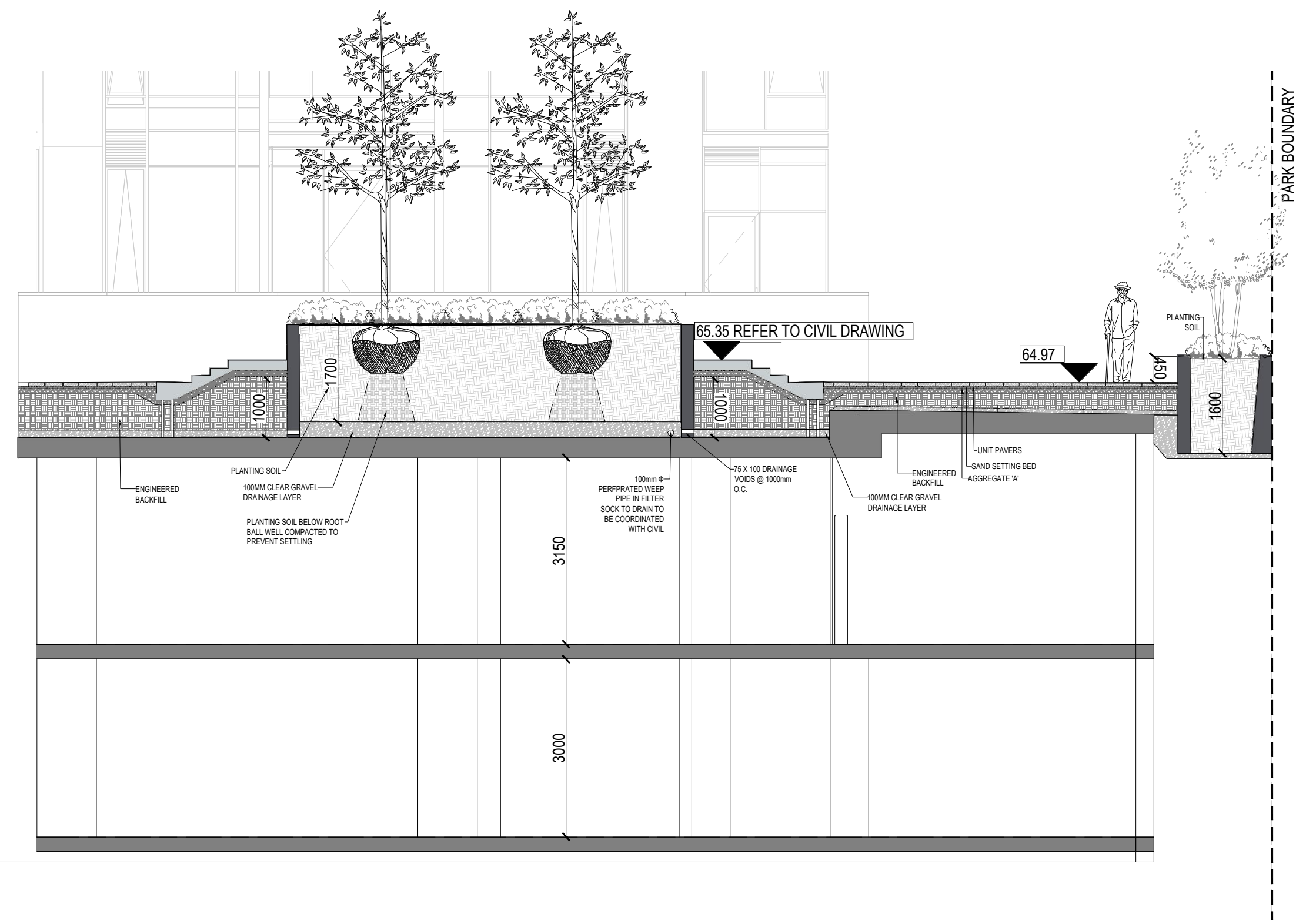
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03 1:75



13	ISSUED FOR SPA	2025-04-11	AK
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2	ISSUED FOR COORDINATION	2024-07-12	AK
1	ISSUED FOR COORDINATION	2024-07-09	AK



Date \_\_\_\_\_



## LANDSCAPE SECTIONS

NOT FOR CONSTRUCTION

# LS.300



1047 RICHMOND RD

OTTAWA, ON K2B 6R1

Project Number  
22-178

Client  
**FENGATE**  
2275 UPPER MIDDLE RD. E.,  
SUITE 700  
OAKVILLE, ON L6H 0C3

Consultant  
ARCHITECTURE  
RLA/ARCHITECTURE  
56 Beach Street  
OTTAWA, ON K1S3J6, CANADA  
TEL: 613.724.9932



Revisions

13	ISSUED FOR SPA	2025-04-11	AK
12	ISSUED FOR COORDINATION	2025-01-20	AK
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Signature

YYYY-MM-DD

Date

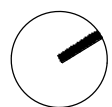
Keymap



Scale

AS SHOWN

North



Phase

SPA

Date

2024-07-09

Drawing Name

LANDSCAPE SECTIONS

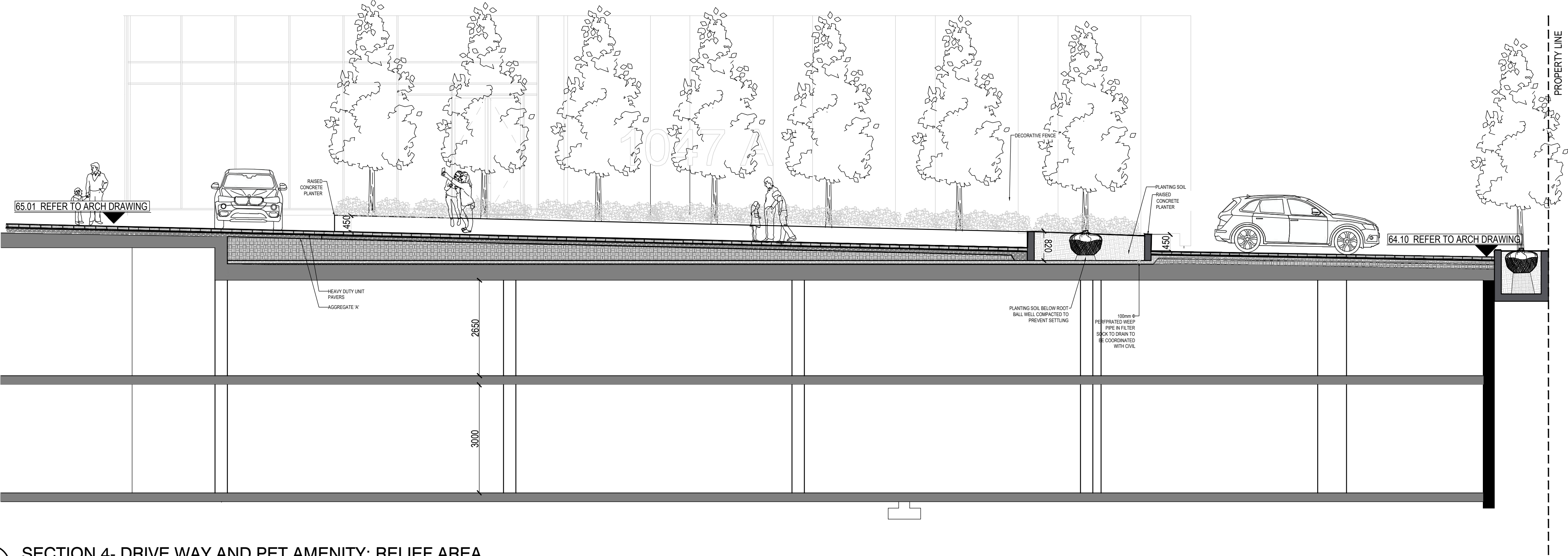
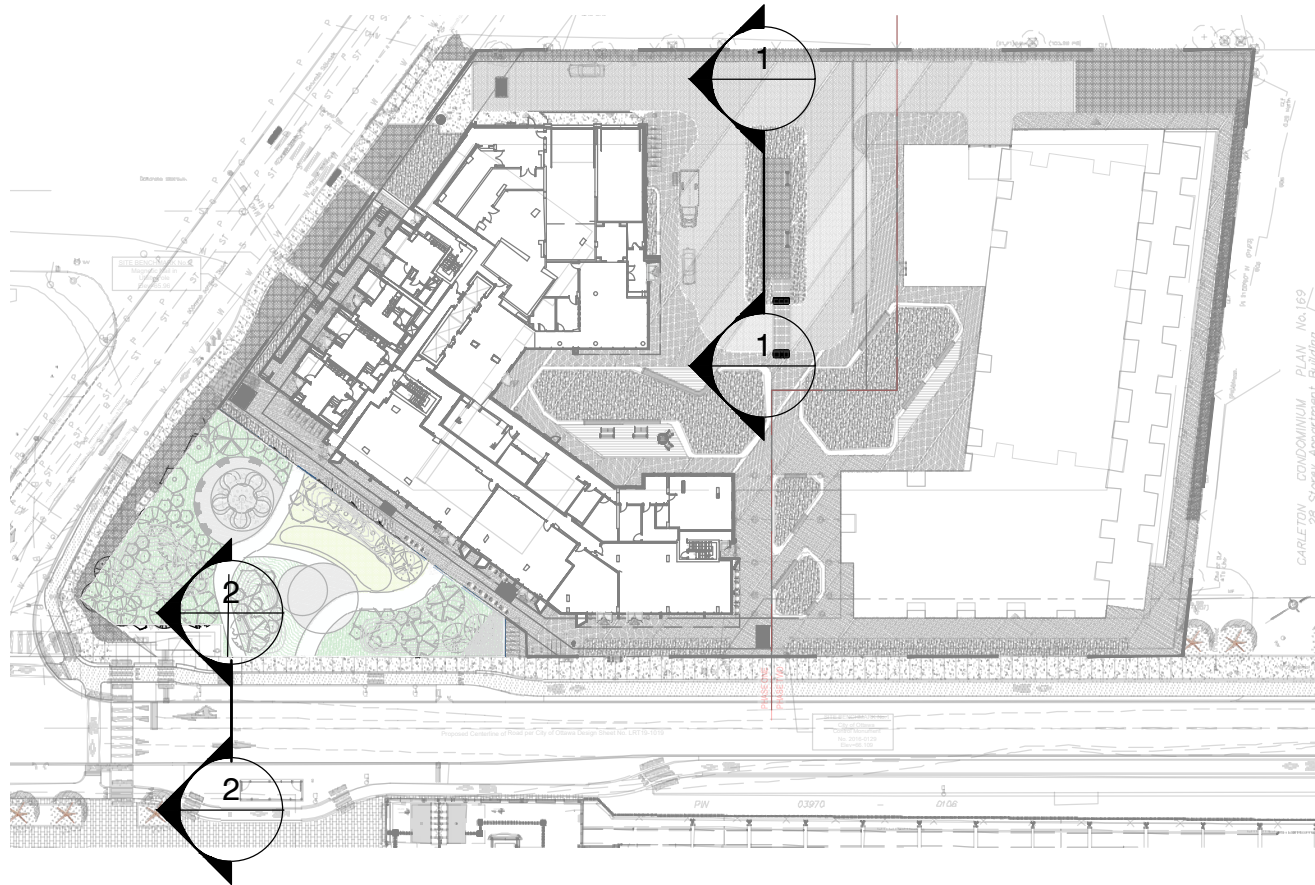
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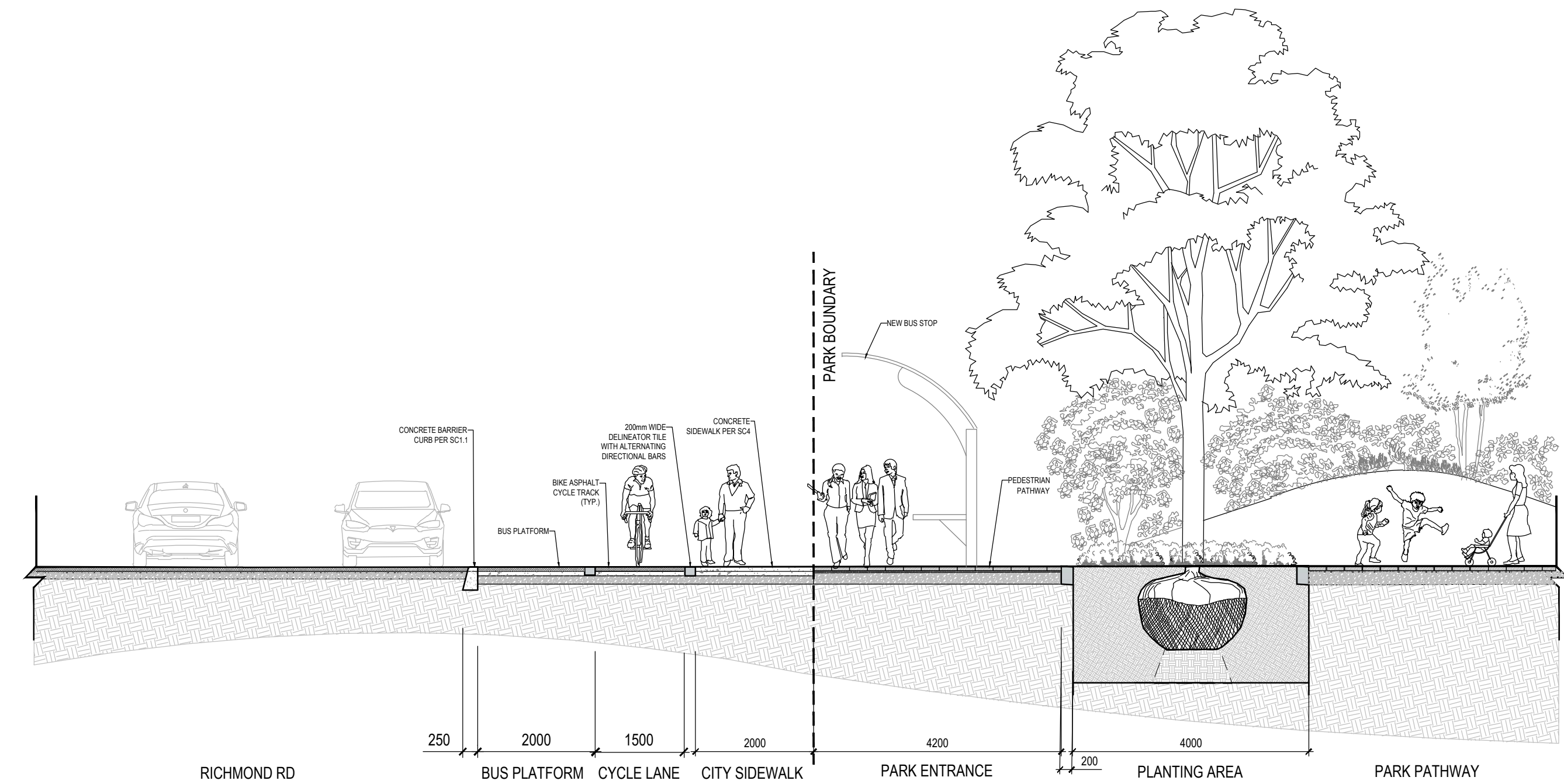
LS.301

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DWG #19186



01 SECTION 4- DRIVE WAY AND PET AMENITY: RELIEF AREA  
1:75



02 PARK SECTION AND R.O.W  
1:75