LEGEND:

- EXISTING TREES TO REMAIN UNDISTURBED DURING CONSTRUCTION
- EXISTING TREE TO REMAIN AND BE PROTECTED WITH TREE PROTECTION FENCING DURING CONSTRUCTION
- EXISTING TREE TO BE REMOVED
- TREE IDENTIFICATION NUMBER
- TREE PROTECTION ZONE

GENERAL NOTES:

1. ALL TREES PROPOSED FOR RETENTION SHALL HAVE TREE PROTECTIVE FENCING INSTALLED AS PER DETAIL D4 ON SHEET L2.0, IN ORDER TO ESTABLISH THE TREE PROTECTION ZONE (TPZ) PRIOR TO ANY SITE ALTERATION OR CONSTRUCTION ACTIVITES. THE TPZ SHALL BE MAINTAINED THROUGHOUT THE PROJECT. THERE SHALL BE NO ENCROACHMENT, MOVEMENT OF FENCING, OR STAGE OF MATERIALS (BUILDING, LANDSCAPE OR OTHERWISE) WITHIN THE TPZ.

Tree Report

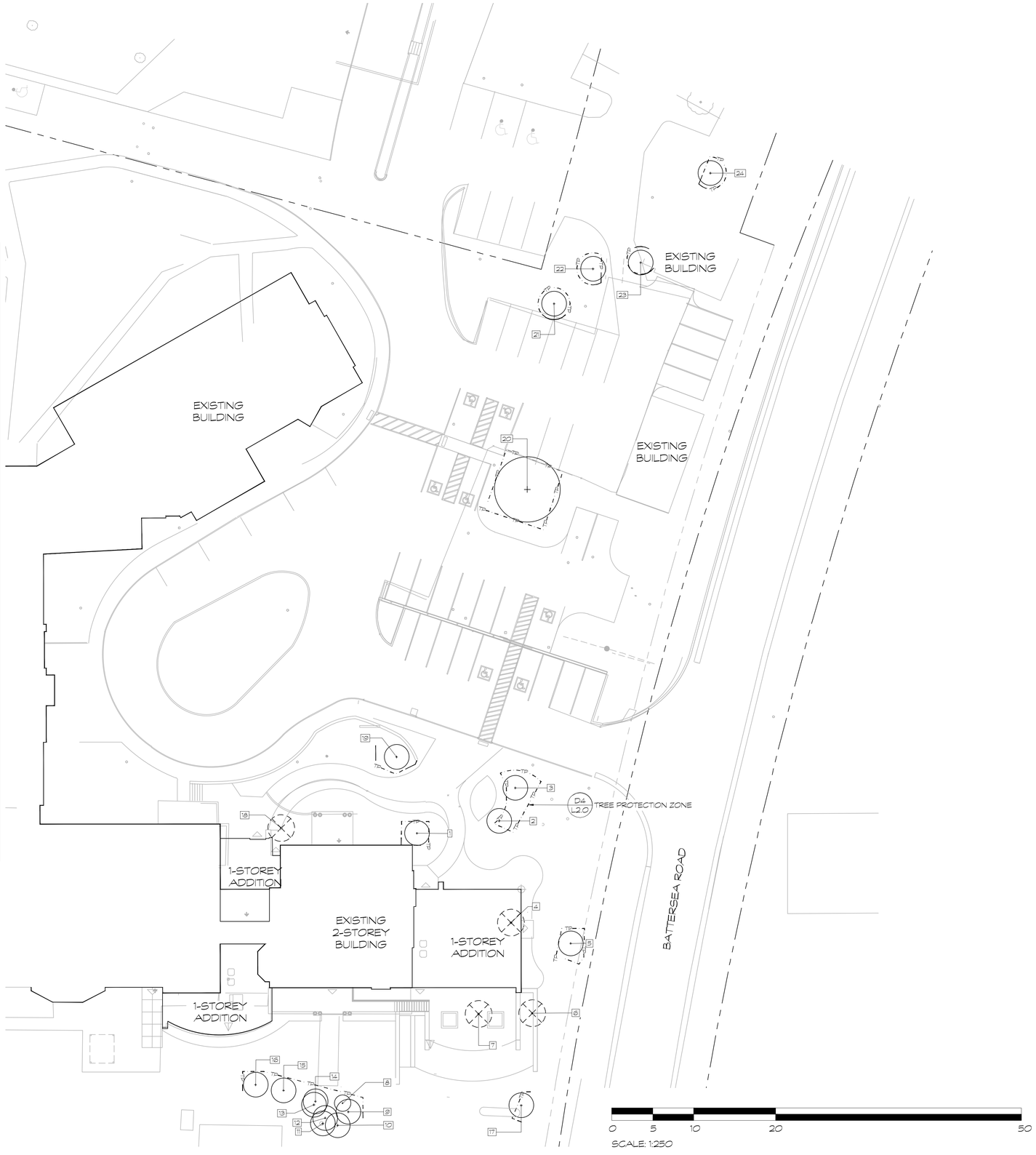
Address / Lot #
2069 Battersea Rd

General Comments:

On-site inventory Dec. 2021

Dogwoods
Charles Cavanagh NPD
Horticulturist
Consulting ISA Certified Arborist
ON-1033A

ID #	Botanical Name	Common Name	DBH (cm)	Condition (Good, Moderate, Poor)	Proposed Impact (removal or retained)	Preservation Suitability as per Proposed Site Plan (Good, Moderate, Poor)	Comments (Conditions, TPZ, treatments…)
1	*Amelanchier sp.*	Serviceberry	n/a	Good	Retained	Good	Multi-Stem shrub. 80mm + 40mm + 50mm. Canopy 4.5m high, 3m wide.
2	*Picea pungens "Glauca"*	Blue Spruce	27.5	Good	Retained	Moderate	All lower limbs removed to 2m above grade.
3	*Malus cv.*	Crabapple	8.5	Good	Retained	Good	Upright, narrow crown habit. 1.5m spread, 4.5m height.
4	*Malus cv.*	Crabapple	18.5	Good	Removal	Poor	Branch structure - moderate. 4.5m canopy radius.
5	*Juniperus virginiana*	Eastern Red Cedar	35.5	Moderate	Retained	Good	Large grapevine into upper canopy.
6	*Betula papyrifera*	White Birch	26+31+34+26	Moderate	Removal	Poor	4 Stem, wide spreading - 7.5m canopy radius. 34cm stem - dead with decay at 2m.
7	*Picea glauca*	White Spruce	46.5	Good	Removal	Poor	Good trunk / root flare, within 1m of foundation. Trunk with 10 deg. Lean away from building. Canopy starts at 2m above grade. Good leaf density.
8	*Thuja occidentalis cv*	Eastern White Cedar	20	Good	Retained	Good	Pyramidal form, multi-stem. With only upper canopy due to competion with Taxus. (#9)
9	*Taxus cv*	Yew	25+25+25	Good	Retained	Good	Old, 3 stem - multi-stem, upright and spreading form.
10	*Acer rubrum*	Red Maple	25	Good	Retained	Good	1 bark included branch from Taxus in trunk at 2m. Upper canopy - good.
11	*Taxus cv*	Yew	20+20	Good	Retained	Good	multi-stem, upright and spreading form.
12	*Taxus cv*	Yew	22	Good	Retained	Good	multi-stem, upright and spreading form.
13	*Taxus cv*	Yew	17	Good	Retained	Good	multi-stem, upright and spreading form.
14	*Thuja occidentalis cv*	Eastern White Cedar	25+25	Moderate	Retained	Good	Pyramidal form, multi-stem.
15	*Ulmus pumila*	Siberian Elm	38	Poor	Retained	Good	Lower deadwood. Gowing out of rock wall.
16	*Ulmus pumila*	Siberian Elm	58	Poor	Retained	Good	Gowing out of rock wall / with 30cm branch missing - stub cut. Grape in canopy.
17	*Pinus nigra*	Austrian Pine	73	Moderate	Retained	Good	DBH measured at 76cm due to low main branch union of two trunks. 47cm + 57cm. Union is good. 9m canopy radius. No central leader. Wide spreading.
18	*Amelanchier sp.*	Serviceberry	Multi-stem	Good	Removal	Poor	3m canopy radius.
19	*Pyrus calleryana*	Ornamental Pear	17.5	Good	Retained	Good	Moderate scaffold structure. Suckering at the base. 3m canopy radius.
20	*Aesculus hippocastanum*	Horse Chestnut	56 + 76	Good	Retained	Good	Good to Moderate union of two-stem at base. 5.5m canopy radius.
21	*Ulmus pumila*	Siberian Elm	80	Good	Retained	Good	1.5m away from asphalt. 5.5m canopy radius.
22	*Ulmus pumila*	Siberian Elm	85	Moderate	Retained	Moderate	Old pruning cut with decay on main stem. 6m canopy radius.
23	*Thuja occidentalis*	White Cedar	23.5	Moderate	Retained	Moderate	First branch union at 2m. No cental leader. Trunk damaging eave trough of building.
24	*Pseudotsuga menziesii*	Douglas Fir	70	Good	Retained	Good	Listed as "Distinctive Tree" species for this region in City of Kingston Tree By-Law. 5m canopy radius.

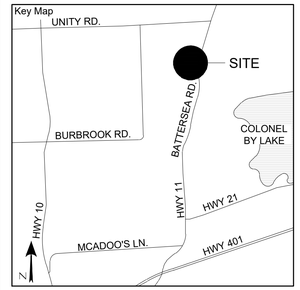


Seal

North

No.	Issues and Revisions	Date
1.	ISSUED FOR REVIEW	2021-12-20
2.	ISSUED FOR SPC	2022-01-18
3.	ISSUED FOR TENDER, PERMIT AND CONSTRUCTION	2022-04-19

Key Map



Project Notes

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Base plan information taken from Site Plan provided by:
Company Name: COLBOURNE & KEMBEL, ARCHITECTS INC.
Dated: NOVEMBER 2021

Wentworth Landscapes
13392 Loyalist Parkway R.R.1, Picton ON K0K 2T0
613.547.3772

Consultants

Arborist: Dogwoods Inc.
Charlie Cavanagh NPD Horticulturalist
ISA Certified Arborist ON-1033A
613.659.4696

WENTWORTH LANDSCAPES

Client
COUNTY OF FRONTENAC

Project
JOINT ADMIN FACILITY: RENOVATIONS AND ADDITIONS TO 2069 BATTERSEA RD

Project Location
2069 BATTERSEA ROAD
GLENBURNIE, ON

Drawing Title
TREE INVENTORY REPORT AND PRESERVATION PLAN

Scale
1:250

Date
2021-10-08

Plot Date
2022-04-19

Designed By
DD

Drawn By
AF, DD

Approved By
SW

Drawing Number
L0.0

Project Number
200049-DC

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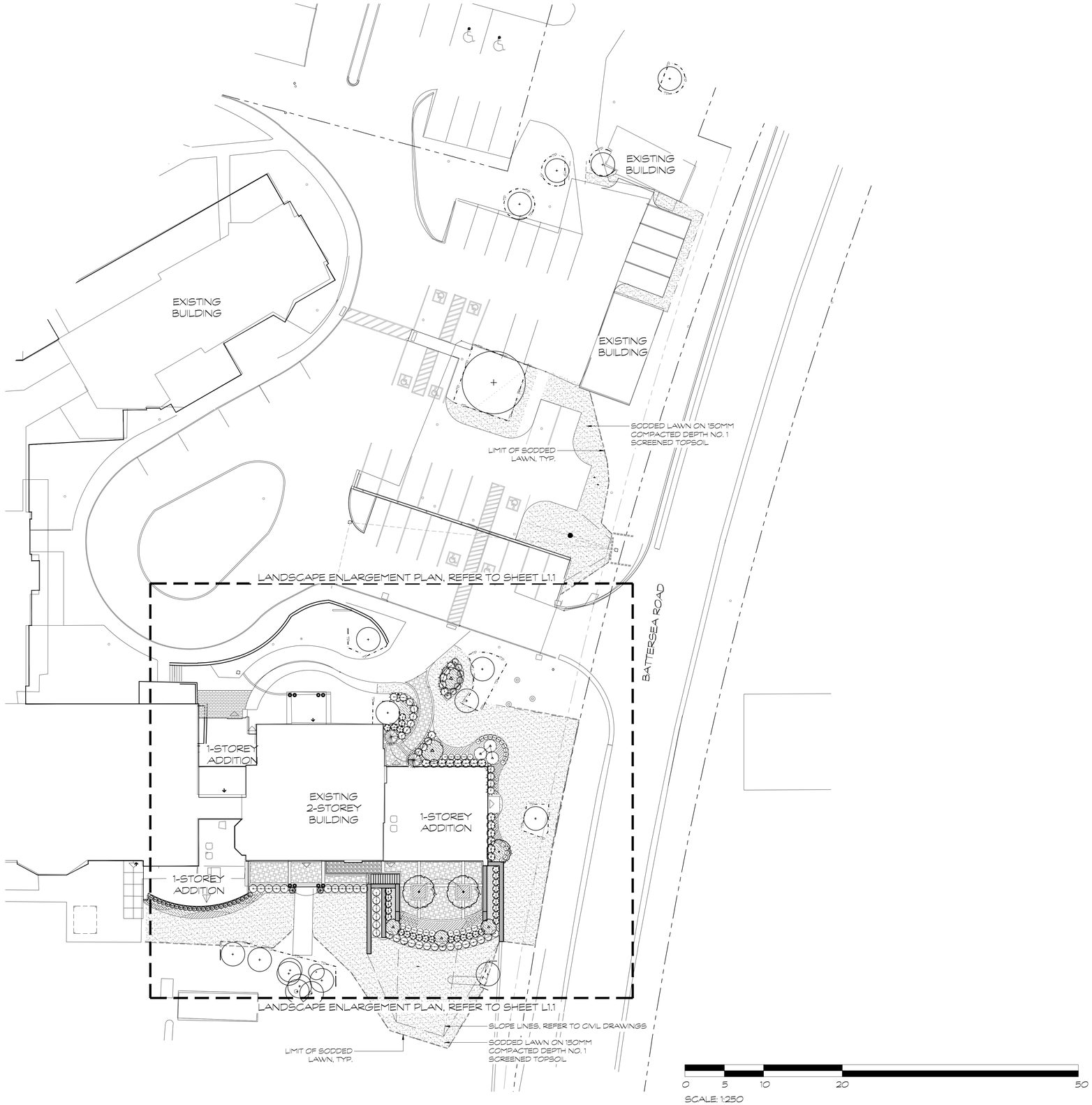

Seal

North

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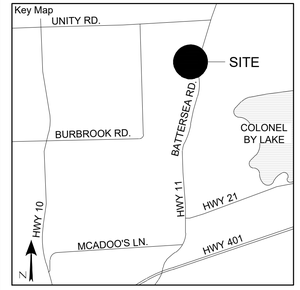
3.	ISSUED FOR TENDER, PERMIT AND CONSTRUCTION	2022-04-19

Key Map



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Wentworth Landscapes
13392 Loyalist Parkway R.R.1, Picton ON K0K 2T0
613.547.3772

Consultants

WENTWORTH LANDSCAPES

Client
COUNTY OF FRONTENAC

Project
JOINT ADMIN FACILITY: RENOVATIONS AND ADDITIONS TO 2069 BATTERSEA RD

Project Location
2069 BATTERSEA ROAD
GLENBURNIE, ON

Drawing Title
OVERALL LANDSCAPE PLAN

Scale 1:250	
Date 2021-10-08	Plot Date 2022-04-19
Designed By DD	Drawn By AF, DD
Approved By SW	Drawing Number L1.0
Project Number 200049-DC	

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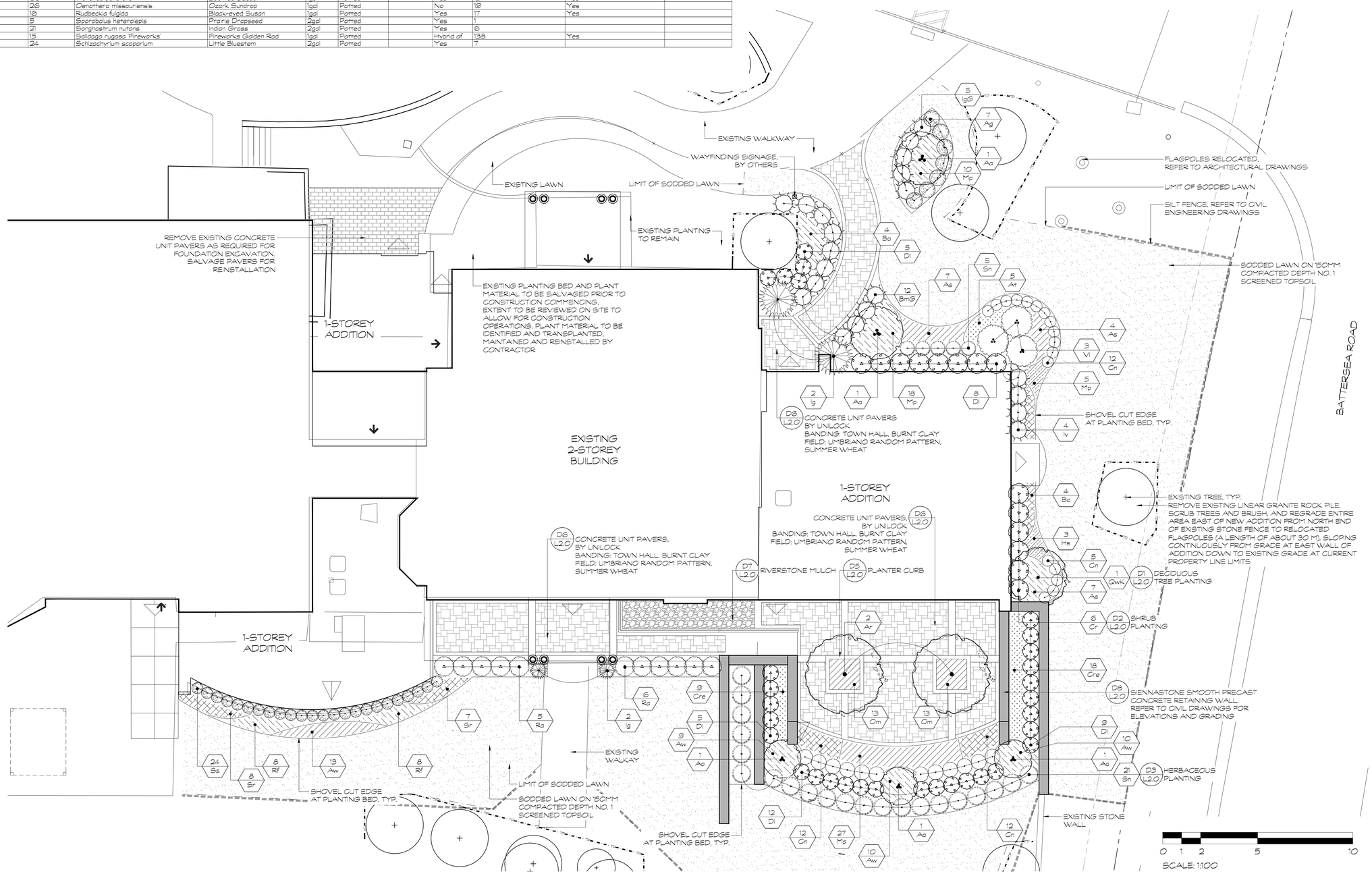
PLANT MATERIAL SCHEDULE

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	NATIVE	BIODIVERSITY FACTOR	SUPPORTS POLINATORS	ATTRACTS BIRDS
Trees										
Ar	2	Acer rubrum 'Brandywine'	Brandywine Maple	60mm	WB		Hybrid of	295		
QwK	1	Quercus x warei 'Kindred Spirit'	Kindred Spirit Oak	80mm	WB		No	n/a		
Shrubs										
Aa	5	Amelanchier alnifolia	Saskatoon Serviceberry	150cm	10gal	Clump	Yes	124	Yes	Berries
BmG	12	Buxus microphylla 'Green Gem'	Green Gem Boxwood	40cm	3gal	Potted	No	n/a		
Cr	6	Cornus racemosa	Gray Dogwood	60cm	3gal	Potted	Yes	129	Yes	Berries
Dl	39	Diervilla lonicera	Northern Bush Honeysuckle	60cm	3gal	Potted	Yes	4	Yes	
Ig	4	Ilex glabra	Inkberry Holly	60cm	3gal	Potted	Yes	45	Yes	Berries/Habitat
IgG	5	Ilex glabra 'Gem Box'	Gem Box Inkberry	50cm	3gal	Potted	Hybrid of	45	Yes	Berries
Iv	4	Ilex verticillata	Winterberry	60cm	3gal	Potted	Yes	45	Yes	Berries
Rg	11	Rhus aromatica	Fragrant Sumac	60cm	3gal	Potted	Yes	52	Yes	
Vl	3	Viburnum lentago	Nannyberry Viburnum	60cm	3gal	Potted	Yes	115	Yes	Berries
Herbaceous										
As	18	Achillea millefolium	Yarrow	1gal	Potted		Yes	19	Yes	
Ag	7	Andropogon gerardii	Big Bluestem	2gal	Potted		Yes	14		
Ar	5	Asclepias tuberosa	Butterfly Weed	1gal	Potted		Yes	12	Yes	
Aw	42	Aster 'Woods Blue'	Woods Blue Aster	1gal	Potted		Hybrid of	n/a	Yes	
Bd	8	Baptisia australis	Blue False Indigo	1gal	Potted		No	20	Yes	
Cn	41	Calamintha nepeta ssp. nepeta	Calamint	1gal	Potted		No	n/a	Yes	
Cre	27	Coreopsis verticillata 'Moonbeam'	Moonbeam Tickseed	1gal	Potted		No	5	Yes	
Hs	3	Helianthus strumosus	Pale-leaved Sunflower	1gal	Potted		Yes	70	Yes	
Mp	60	Monarda punctata	Spotted Beebalm	1gal	Potted		Yes	12	Yes	
Om	28	Oenothera missouriensis	Ozark Sundrop	1gal	Potted		No	19	Yes	
Rf	16	Rudbeckia fulgida	Black-eyed Susan	1gal	Potted		Yes	17	Yes	
Sh	5	Sporobolus heterolepis	Prairie Dropseed	2gal	Potted		Yes	1		
Sn	21	Sorghastrum nutans	Indian Grass	2gal	Potted		Yes	6		
Sr	15	Solidago rugosa 'Fireworks'	Fireworks Golden Rod	1gal	Potted		Hybrid of	138	Yes	
Ss	24	Schizachyrium scoparium	Little Bluestem	2gal	Potted		Yes	7		



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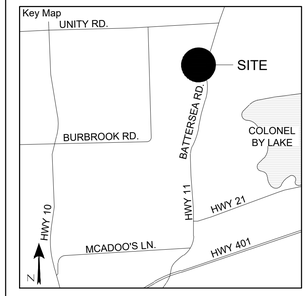
Seal

North

No.	Issues and Revisions	Date
1.	ISSUED FOR REVIEW	2021-12-20
2.	ISSUED FOR SPC	2022-01-18
3.	ISSUED FOR TENDER, PERMIT AND CONSTRUCTION	2022-04-19

Key Map



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Wentworth Landscapes
13392 Loyalist Parkway R.R.1, Picton ON K0K 2T0
613.547.3772

Consultants

WENTWORTH LANDSCAPES

Client
COUNTY OF FRONTENAC

Project
JOINT ADMIN FACILITY: RENOVATIONS AND ADDITIONS TO 2069 BATTERSEA RD

Project Location
2069 BATTERSEA ROAD
GLENBURNIE, ON

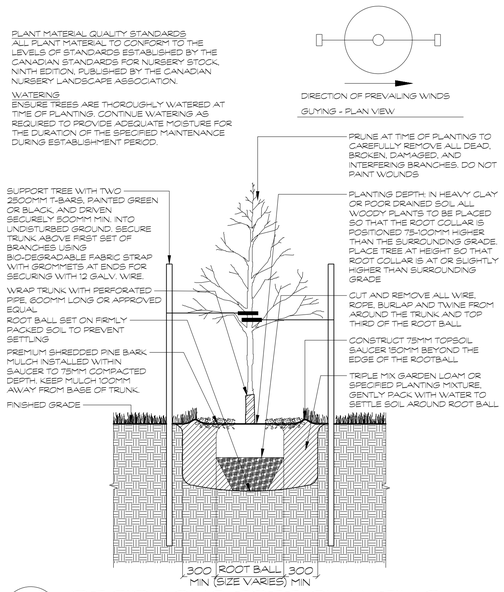
Drawing Title
LANDSCAPE ENLARGEMENT PLAN

Scale
1:100

Date 2021-01-28	Plot Date 2022-04-19
Designed By DD	Drawn By AF, DD
Approved By SW	Drawing Number
Project Number 200049-DC	L1.1

PLANT MATERIAL QUALITY STANDARDS
ALL PLANT MATERIAL TO CONFORM TO THE LEVELS OF STANDARDS ESTABLISHED BY THE CANADIAN STANDARDS FOR NURSERY STOCK, NINTH EDITION, PUBLISHED BY THE CANADIAN NURSERY LANDSCAPE ASSOCIATION.

WATERING
ENSURE TREES ARE THOROUGHLY WATERED AT TIME OF PLANTING. CONTINUE WATERING AS REQUIRED TO PROVIDE ADEQUATE MOISTURE FOR THE DURATION OF THE SPECIFIED MAINTENANCE DURING ESTABLISHMENT PERIOD.



D1 DECIDUOUS TREE PLANTING
1:25

NOTES
-SHRUBS AS DETAILED REPRESENTS BOTH CONIFEROUS AND DECIDUOUS SPECIES
-PLACE MULCH TO EVEN HORIZONTAL GRADE
-SHRUBS PLANTED IN GROUPS SHALL BE SET IN CONTINUOUS PLANTING BEDS, REFER TO LANDSCAPE LAYOUT PLANS
-SHRUB BEDS TO BE BACKFILLED WITH TRIPLE MIX GARDEN LOAM PLANTING MIXTURE, OR AS SPECIFIED TO A COMPACTED DEPTH OF 450MM
-FIRMLY COMPACTED BACKFILLED PLANTING MIXTURE TO ELIMINATE AIR POCKETS AND PREVENT SETTLEMENT

PLANT MATERIAL QUALITY STANDARDS
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WATERING
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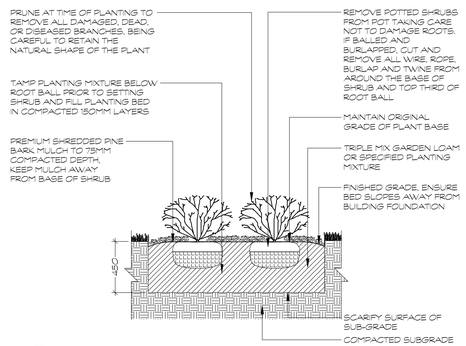

D2 SHRUB PLANTING
1:25

NOTES
-PLACE MULCH TO EVEN HORIZONTAL GRADE.
-FIRMLY COMPACTED BACKFILLED TRIPLE MIX GARDEN LOAN OR SPECIFIED PLANTING MIXTURE TO ELIMINATE AIR POCKETS AND PREVENT SETTLEMENT.

PLANT MATERIAL QUALITY STANDARDS
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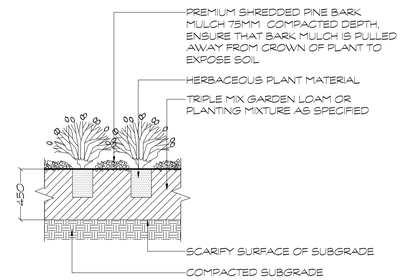
WATERING
ENSURE HERBACEOUS PLANTS ARE THOROUGHLY WATERED AT TIME OF PLANTING. CONTINUE WATERING AS REQUIRED TO PROVIDE ADEQUATE MOISTURE FOR THE DURATION OF THE SPECIFIED MAINTENANCE DURING ESTABLISHMENT PERIOD.

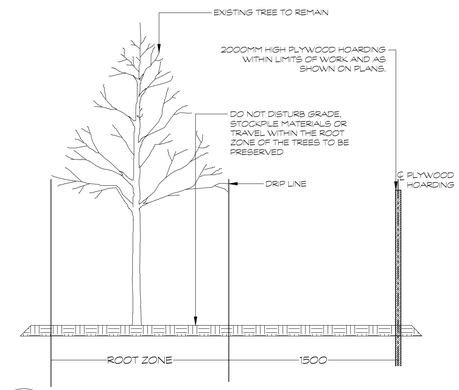


D3 HERBACEOUS PLANTING
1:25

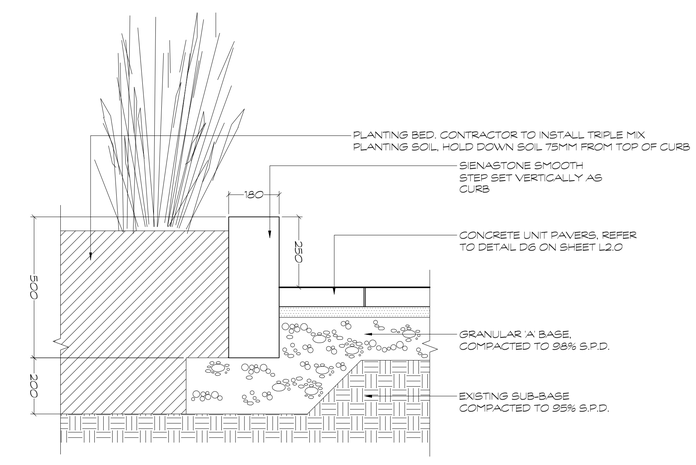
TREE PROTECTION SIGNAGE
A SIGN THAT IS SIMILAR TO THE ILLUSTRATION TO THE RIGHT MUST BE MOUNTED ON ALL SIDES OF A TREE PROTECTION BARRIER HOARDING. THE SIGN SHOULD BE A MINIMUM OF 400MM X 600MM (15.7X23.6") AND MADE OF WHITE GATOR BOARD OR EQUIVALENT MATERIAL.

NOTES
1. REFER TO TREE PRESERVATION SPECIFICATIONS
2. ALL PROTECTIVE FENCING SHALL BE IN PLACE PRIOR TO ANY SITE ALTERATIONS/CONSTRUCTION ACTIVITY AND TO BE MAINTAINED TO SPECIFICATION THROUGHOUT THE PROJECT UP TO AND INCLUDING THE COMPLETION OF ALL LANDSCAPE TREATMENTS.
3. MAINTAIN PROTECTIVE PLYWOOD HOARDING IN PLACE FOR THE ENTIRE DURATION OF CONSTRUCTION
4. NO PERSON OR CONTRACTOR SHALL ENTER, MOVE OR ADJUST THE TPZ ONCE THE HOARDING HAS BEEN ERECTED. THE TPZ SHALL NOT BE REMOVED UNTIL THE COMPLETION OF THE PROJECT.
5. HAND EXCAVATION MANDATORY WITHIN THE TREE PROTECTION ZONE (1500MM OF ROT MASS), UNDER ISA CERTIFIED ARBORIST SUPERVISION.
6. CONTRACTOR TO REPLACE SUB-BASE MATERIAL IMMEDIATELY TO COVER ROOT MASS AND WATERING PROGRAM IMPLEMENTED.
7. IF EXCAVATION OCCURS WITHIN THE TREE PROTECTION FENCING THEN A ISA CERTIFIED ARBORIST SHALL BE PRESENT DURING EXCAVATION TO PERFORM OR SUPERVISE ROOT PRUNING OF TREES IN OR AT THE PERIPHERY OF THE TREE PROTECTION ZONE.

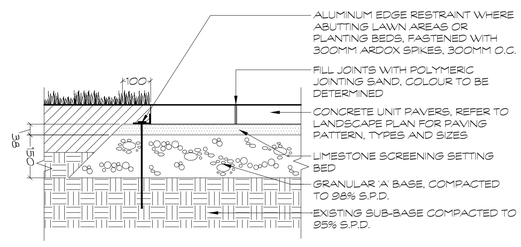
TREE PROTECTION ZONE (TPZ)
NO GRADE CHANGE, STORAGE OF MATERIALS, VEHICLES OR EQUIPMENT IS PERMITTED WITHIN THIS TPZ. THIS TREE PROTECTION BARRIER MUST NOT BE REMOVED WITHOUT THE WRITTEN AUTHORIZATION OF THE OWNER AND OR PROJECT MANAGER.



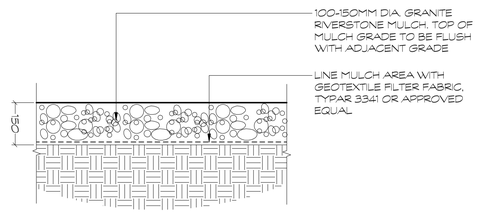
D4 TREE PROTECTION ZONE
1:25



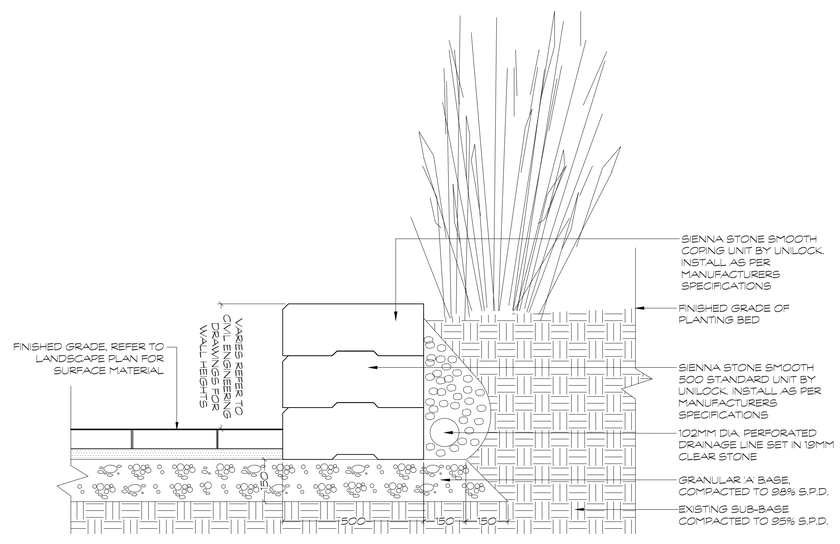
D5 PLANTER CURB
1:10



D6 CONCRETE UNIT PAVERS
1:10



D7 RIVERSTONE MULCH
1:10



D8 SIENNASTONE SMOOTH PRECAST CONCRETE RETAINING WALL
1:10

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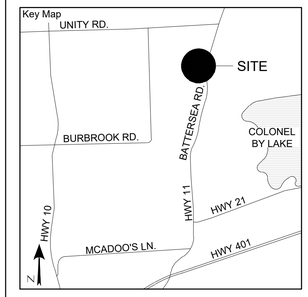
Seal

North

No.	Issues and Revisions	Date
1.	ISSUED FOR REVIEW	2021-12-20
2.	ISSUED FOR SPC	2022-01-18
3.	ISSUED FOR TENDER, PERMIT AND CONSTRUCTION	2022-04-19

Key Map



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Wentworth Landscapes
13392 Loyalist Parkway R.R.1, Picton ON K0K 2T0
613.547.3772

Consultants

WENTWORTH LANDSCAPES

Client
COUNTY OF FRONTENAC

Project
JOINT ADMIN FACILITY: RENOVATIONS AND ADDITIONS TO 2069 BATTERSEA RD

Project Location
2069 BATTERSEA ROAD
GLENBURNIE, ON

Drawing Title
LANDSCAPE DETAILS

Scale
AS NOTED

Date 2021-10-08	Plot Date 2022-04-19
Designed By DD	Drawn By AF, DD
Approved By SW	Drawing Number L2.0
Project Number 200049-DC	