NOTES:

DO NOT SCALE DRAWINGS;

NOTES ARE APPLICABLE TO ALL DRAWINGS IN THE SET;

Fotenn Consultants Inc. IS NOT RESPONSIBLE FOR ACCURACY OF BASE INFORMATION;

REFER TO CIVIL ENGINEERING DRAWINGS FOR GRADING & SITE SERVICING INFORMATION;

THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING SITE CONDITIONS AND REPORTING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT;

THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING EXACT LOCATIONS OF ALL UNDERGROUND SERVICES AND OBTAINING CLEARANCE FROM ALL APPLICABLE UTILITIES. PROPOSED WORKS FOUND TO BE IN CONFLICT WITH UNDERGROUND SERVICES MAY BE ADJUSTED AT THE DIRECTION OF THE LANDSCAPE ARCHITECT;

LANDSCAPE ELEMENTS SHOWN ARE SUBJECT TO THE FINAL LOCATION OF UNDERGROUND SERVICES AND UTILITIES;

DO NOT INSTALL TREES ON PROPERTY / LOT LINES OR WITHIN DRAINAGE EASEMENTS;

PERFORM WORK IN ACCORDANCE WITH DETAILS AND SPECIFICATIONS;

ALL PLANT MATERIAL SHALL BE No. 1 NURSERY STOCK AND SHALL MEET OR EXCEED THE SPECIFICATION OF THE Canadian Standards for Nursery Stock, AS PUBLISHED BY THE Canadian Nursery Landscape Association;

SPECIES SUBSTITUTIONS ARE NOT PERMITTED WITHOUT PRIOR WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT;

ALL UN-PAVED SURFACES TO RECEIVE 150mm DEPTH TOPSOIL & NATIVE SEED MIX.

STANDARDS FOR TREE PLANTING:

NO PLANTING ON CORNERS OR ANYWHERE WHERE IT WOULD CREATE A SIGHT LINE CONCERN;

REFER TO GEOTECHNICAL INVESTIGATION REPORT BY *GEMTEC* DATED JULY 20, 2026

MAINTAIN A MINIMUM DISTANCE OF 7.5m FOR SMALL AND MEDIUM TREES AND 14.0m FOR LARGE TREES FROM ALL BUILDINGS;

MAINTAIN A MINIMUM DISTANCE OF 2.5m FROM THE CURB FOR DECIDUOUS TREES AND 4.5m FOR CONIFEROUS TREES;

MAINTAIN A MINIMUM DISTANCE OF 1.5m FOR DECIDUOUS (4.5m FOR CONIFERS) FROM ANY SIDEWALK OR PRIVATE WALKWAY;

MAINTAIN A MINIMUM DISTANCE OF 1.2m FROM ALL DRIVEWAYS;

MAINTAIN A MINIMUM DISTANCE OF 2.5m FROM COMMUNITY MAILBOXES, LIGHT STANDARDS, FIRE HYDRANTS AND NO PLANTING IN FRONT OF HYDRANTS;

MAINTAIN A MINIMUM DISTANCE OF 3.0m FROM ALL HYDRO TRANSFORMERS;

MAINTAIN A MINIMUM DISTANCE OF 1.0m FROM ALL UNDERGROUND SERVICES;

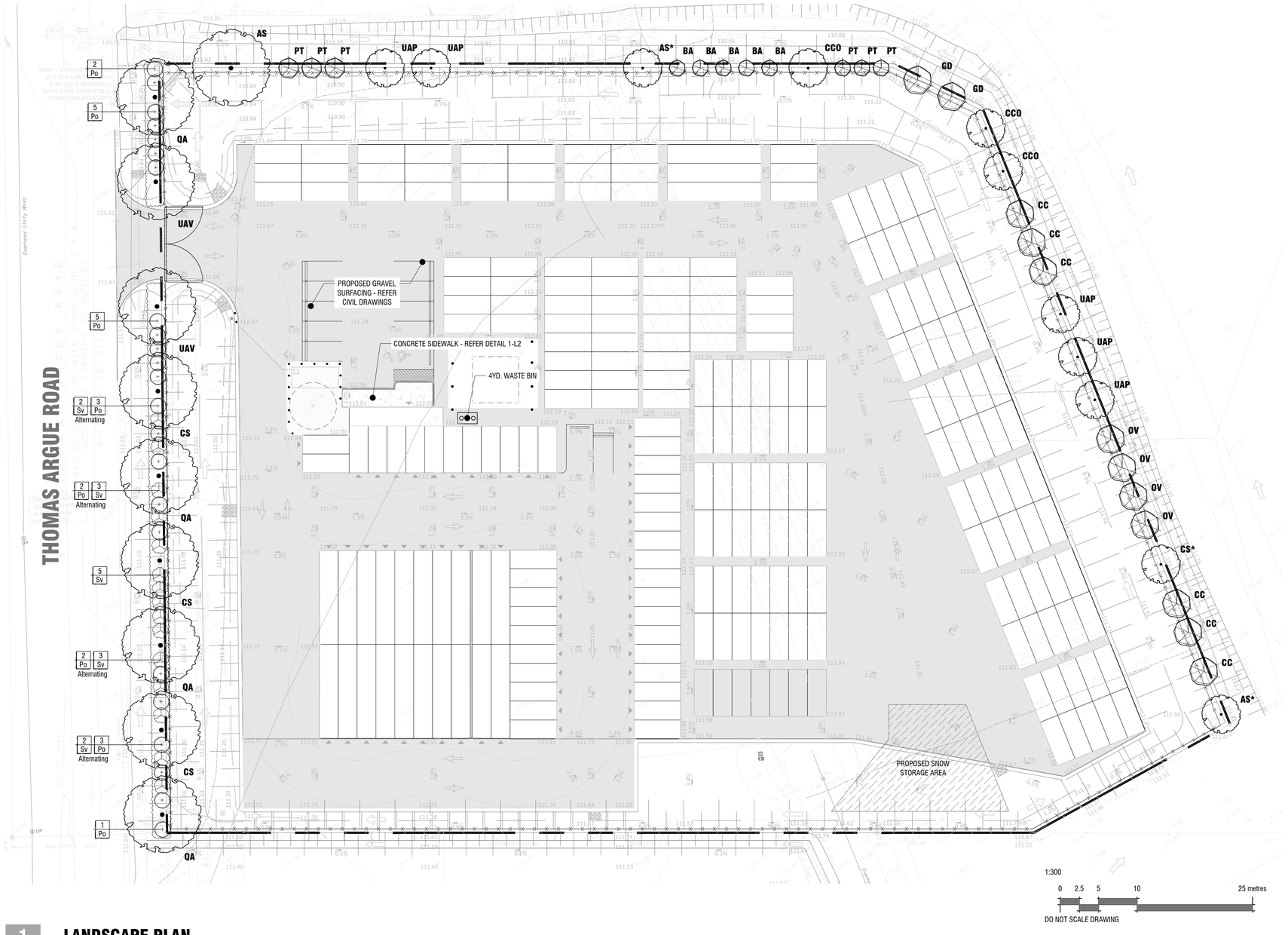
MAINTAIN A MINIMUM DISTANCE OF 1.0m FROM ALL BELL AND CABLE BOXES;

MAINTAIN A MINIMUM DISTANCE OF 10.0 FROM BUS SHELTERS

IMPORTANT NOTICE FOR CONTRACTOR:

THE CITY OF OTTAWA REQUIRES A Certificate of Completion (F1) Landscape Works TO BE SUBMITTED AND SEALED BY THE LANDSCAPE ARCHITECT. CONTRACTORS ARE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THE REQUIREMENTS OF THIS PROCESS AND PROVIDING SUFFICIENT NOTICE TO THE LANDSCAPE ARCHITECT TO CONDUCT SITE REVIEWS **DURING INSTALLATION** OF TREES. THE 1 YEAR WARRANTY PERIOD SHALL NOT COMMENCE UNTIL THE LANDSCAPE ARCHITECT HAS SUBMITTED THE F1 Certificate.

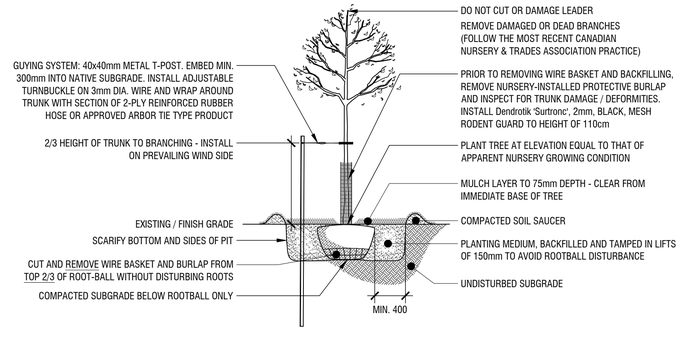
PRIOR TO INSTALLATION OF TREES, THE DEVELOPER WILL CONTACT THE PLANNING AND GROWTH MANAGEMENT AND FORESTRY SERVICES TO REVIEW THE SPECIES AND LOCATION OF TREES.



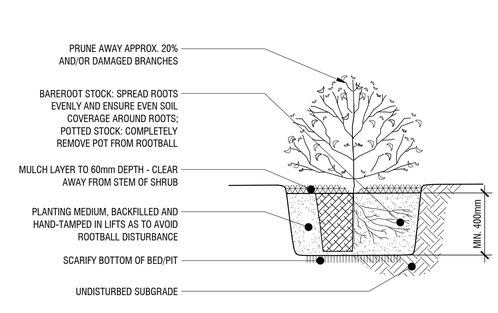
NOT FOR CONSTRUCTION

1 L1 LANDSCAPE PLAN 1:300

PLANTING SCHEDULE				
KEY	**QTY.**	**BOTANICAL NAME**	**COMMON NAME**	**SIZE / CONDITION / SPACING**
DECIDUOUS TREES				
AS	1	Acer saccharum	Sugar Maple	60mm cal. / W.B.
AS*	2	Acer saccharum	Sugar Maple	200cm ht. / potted
BA	5	Betula alleghaniensis	Yellow Birch	200cm ht. / potted
CC	6	Carpinus caroliniana	American Hornbeam (aka Blue Beech)	200cm ht. / potted
CCO	3	Carya cordiformis	Bitternut Hickory	200cm ht. / potted
CS	3	Catalpa speciosa	Northern Catalpa	60mm cal. / W.B.
CS*	1	Catalpa speciosa	Northern Catalpa	200cm ht. / potted
GD	2	Gymnocladus dioicus	Kentucky Coffee Tree	200cm ht. / potted
OV	4	Ostrya virginiana	Ironwood (American Hophornbeam)	200cm ht. / potted
PT	6	Populus tremuloides	Trembling Aspen	200cm ht. / potted
QA	4	Quercus alba	White Oak	60mm cal. / W.B.
UAP	5	Ulmus americana 'Princeton'	Princeton Elm	200cm ht. / potted
UAV	2	Ulmus americana 'Valley Forge'	Valley Forge Elm	60mm cal. / W.B.
DECIDUOUS SHRUBS				
Po	23	Physocarpus opulifolius	Common Ninebark	60cm ht. / 1.75m sp.
Sv	15	Syringa vulgaris	French Hybrid Lilac	60cm ht. / 1.75m sp.



2 L1 DECIDUOUS TREE PLANTING DETAIL n.t.s.



3 L1 SHRUB PLANTING DETAIL n.t.s.

Copyright Reserved
The Copyrights to all designs and drawings are the property of Fotenn Consultants Inc. Unauthorized reproduction or use is forbidden. DO NOT SCALE DRAWING

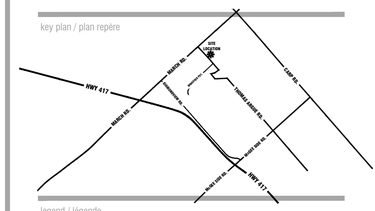
Copyright réservés
Les droits d'auteur à tous les modèles et dessins sont la propriété de Fotenn Consultants Inc. Reproduction ou utilisation non autorisée est interdite. NE PAS L'ÉCHELLE DE DESSIN

Client / Client

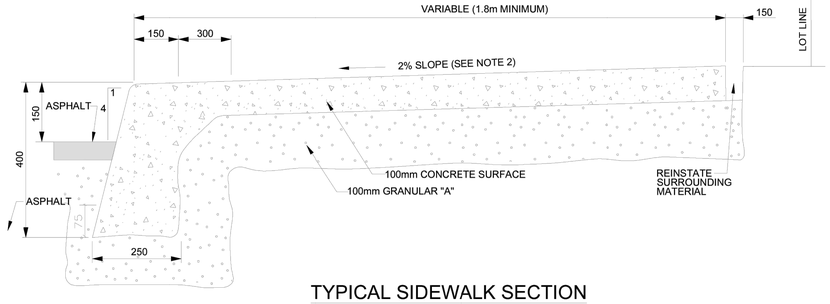
BigSteelBox® Proudly Canadian

1440 Colborne Street East, Brantford, ON, Canada, N3R 0C3

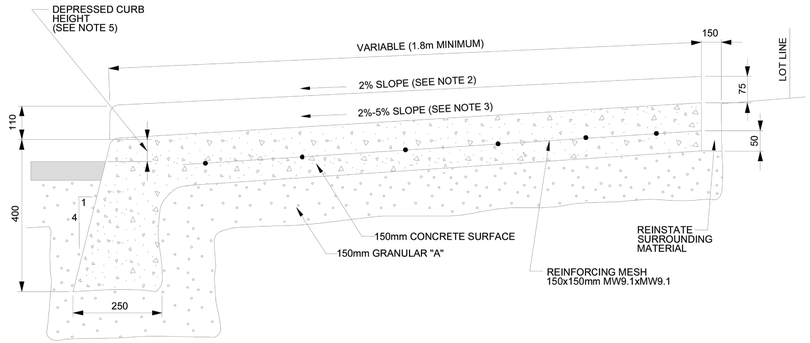
key plan / plan repère


HWY 403
HWY 403
HWY 403

NOT FOR CONSTRUCTION



TYPICAL SIDEWALK SECTION

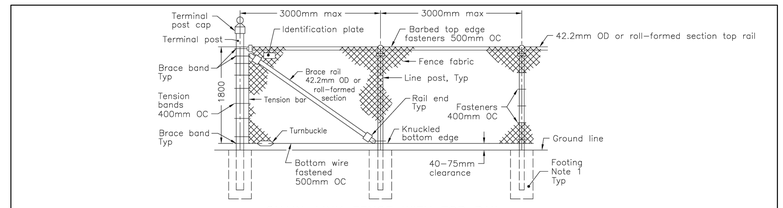


NOTES:

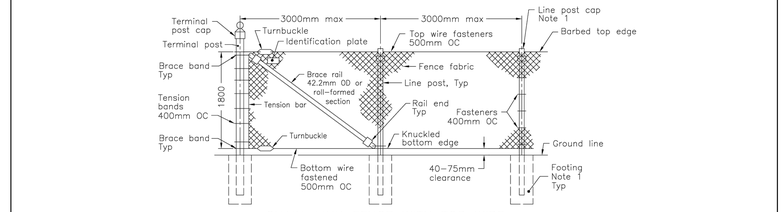
1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
2. THE MAXIMUM SLOPE IS NOT TO EXCEED 2%
3. FOR CURB RAMPS, SLOPE OF 2% TO 5%, MAXIMUM 8%.
4. EXPANSION AND DUMMY JOINTS AS PER SC5
5. DEPRESSED CURB HEIGHT - FOR PEDESTRIAN CURB RAMPS 0 TO 6 mm AND FOR PRIVATE ENTRANCES 0 TO 13mm

Ottawa	TITLE: MONOLITHIC CONCRETE CURB AND SIDEWALK	DATE: MAY 2001 REV: JULY 2025 DWG No: SC2

1 CITY OF OTTAWA CONCRETE CURB AND SIDEWALK DETAIL
L2 n.t.s.



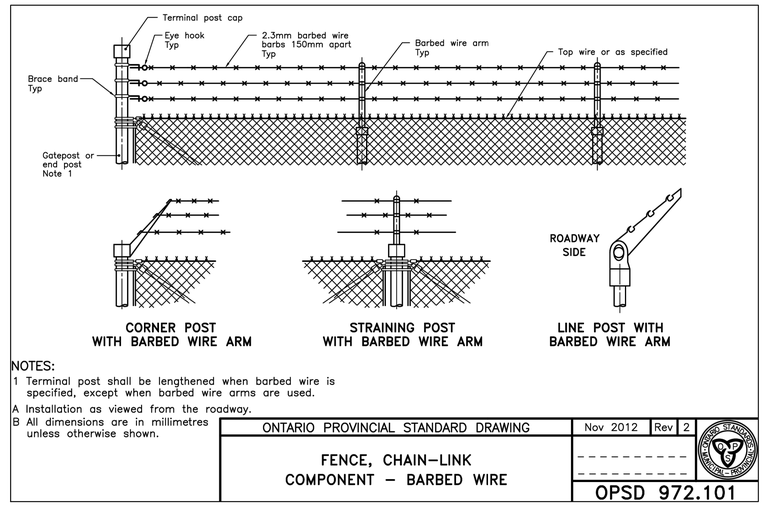
CHAIN-LINK FENCE WITH TOP RAIL



CHAIN-LINK FENCE WITH TOP WIRE

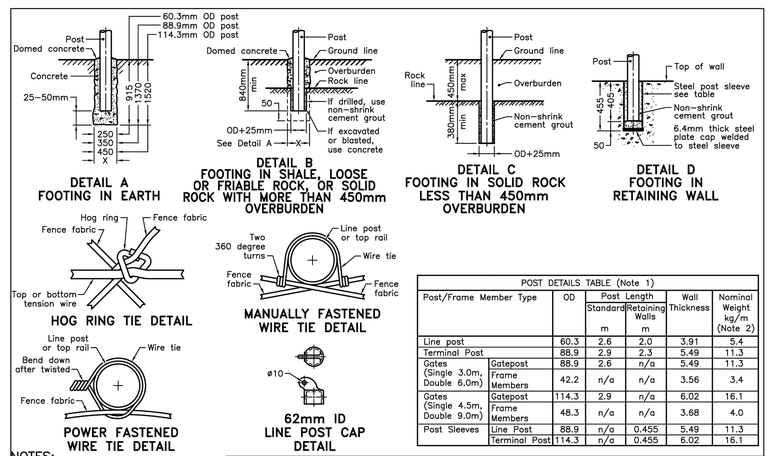
NOTES:
1 For footing details post dimensions and line post cap detail refer to OPSD 972.132.
A Fence as viewed from the roadway.
B All dimensions are in millimetres unless otherwise shown.

MINISTRY OF TRANSPORTATION ONTARIO DRAWING	May 2023	Rev 0
FENCE, CHAIN-LINK INSTALLATION - ROADWAY		
	MTOD - 972.130	



NOTES:
1 Terminal post shall be lengthened when barbed wire is specified, except when barbed wire arms are used.
A Installation as viewed from the roadway.
B All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2012	Rev 2
FENCE, CHAIN-LINK COMPONENT - BARBED WIRE		
	OPSD 972.101	



POST DETAILS TABLE (Note 1)

Post/Frame Member Type		OD	Post Length Standard m	Post Length Retaining Walls m	Wall Thickness	Nominal Weight kg/m (Note 2)
Line post		60.3	2.6	2.0	3.91	5.4
Terminal Post		88.9	2.9	2.3	5.49	11.3
Gates (Single 3.0m, Double 6.0m)	Gatepost	88.9	2.6	n/a	5.49	11.3
	Frame Members	42.2	n/a	n/a	3.56	3.4
Gates (Single 4.5m, Double 9.0m)	Gatepost	114.3	2.9	n/a	6.02	16.1
	Frame Members	48.3	n/a	n/a	3.68	4.0
Post Sleeves	Line Post	88.9	n/a	0.455	5.49	11.3
	Terminal Post	114.3	n/a	0.455	6.02	16.1

NOTES:
1 All posts and frame members are Schedule 40, Regular Grade, steel pipe.
2 The actual weight shall not vary by more than 10% of the nominal weight.
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2012	Rev 0
FENCE, CHAIN-LINK DETAILS AND TABLE		
	OPSD 972.132	

2 SECURITY FENCING DETAILS
L2 n.t.s.

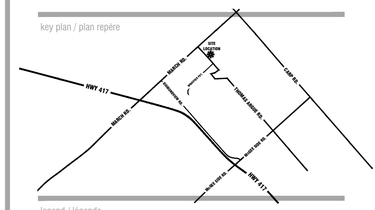
Copyright Reserved
The Copyrights to all designs and drawings are the property of Fotenn Consultants Inc. Unauthorized reproduction or use is forbidden. DO NOT SCALE DRAWING

Copyright réservés
Les droits d'auteur à tous les modèles et dessins sont la propriété de Fotenn Consultants Inc. Reproduction ou utilisation non autorisée est interdite. NE PAS L'ÉCHELLE DE DESSIN

Client / Client

BigSteelBox
Proudly Canadian
1440 Colborne Street East,
Brantford, ON, Canada, N3R 0C3

key plan / plan repère



legend / légende

NOT FOR CONSTRUCTION

rev'n	description / la description	yyyy/mm/dd
01	coordination with updated servicing plan	2026/09/25
00	issue for City submission	2025/08/19

FOTENN Planning + Design
420 O'Connor Street
Ottawa, ON, CANADA K2P 1W4
613.730.5709
fotenn.com

north / le nord

stamp / le cachet

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS F. DOUGLAS FOUNTAIN OALA MEMBER

project / projet

1508 THOMAS ARGUE RD.

drawing / dessin

CONSTRUCTION DETAILS

designed / conçu	drawn / dessiné	reviewed / examiné
SP	SP	DF
date	project number / No. du projet	

drawing number / No. du dessin

L2

PLOT INFORMATION DWG NAME: P:\PROJECTS\Big Steel Box\1508 Thomas Argue Rd\DESIGN\07 Drawings\1508ThomasArgueRd-SHEET-015.dwg PLOT DATE: 2026-09-25 10:29:18 AM SHEET SIZE: ISO full bleed A1 (594.00 x 841.00 MM) PLOTTED BY: Stuart Paterson LAST SAVED BY: spaterson



NOT FOR CONSTRUCTION

1 L3 SOIL VOLUME AND 40 YR. PROJECTED CANOPY PLAN
1:300

PROPOSED TREE CANOPY PROJECTIONS (40 YEAR) & SOIL VOLUME REQUIREMENTS

CANOPY PROJECTIONS (NTS)	AVERAGE CROWN AREA PER TREE (m²)	QTY OF TREES	TOTAL TREE CANOPY COVERAGES	SITE CANOPY COVERAGE	SOIL VOLUME REQUIREMENT*	CONTINUOUS SPACE SOIL VOLUME (i.e. 2 TREES/1 GREENSPACE)
SMALL DECIDUOUS TREE (AVG. CANOPY DIAMETER = 4.5m)	16m²	N/A	N/A	5,500m²	25m³, 4100mm	30m³, 8000mm, 2500mm
MEDIUM DECIDUOUS TREE (AVG. CANOPY DIAMETER = 7m)	38m²	11	418m²	**SITE SIZE** 12,168m²	30m³, 5000mm, 4000mm	36m³, 10000mm, 2400mm
LARGE DECIDUOUS TREE (AVG. CANOPY DIAMETER = 14m)	154m²	33	5,082m²	**TOTAL PERCENT COVERAGE** 45.2%	30m³, 5000mm, 4000mm	N/A IN CLAY SOILS

NOTES:

- CALCULATIONS HAVE BEEN MADE TO PROJECT A 40 YEAR HORIZON AND TYPICAL GROWTH RATES FOR ALL TREES
- PROJECTED CANOPY DIAMETERS AND AREAS ARE BASED ON AN AVERAGE OF THE TREES PROPOSED FOR THE SITE
- CANOPY CALCULATION DOES NOT ACCOUNT FOR EXISTING TREE CANOPY ON ADJACENT SITES/IN ROW OVERLAPPING SITE
- CANOPY CALCULATIONS INCLUDE OVERLAPPING OF ADJACENT TREE CANOPIES WHERE APPLICABLE
- *SOIL VOLUME REQUIREMENT IS BASED ON THE PATERSON GROUP GEOTECHNICAL INVESTIGATION *'Report PG4933-1 Revision 2 dated November 8, 2023'* AND THE CITY OF OTTAWA'S *'Tree Planting in Sensitive Marine Clay Soils - 2017 Guidelines' DRAFT Version 2.0 DATED JANUARY 11, 2019* WHICH CALCULATES SOIL VOLUME USING A DEPTH OF 1.5m

Copyright Reserved
The Copyrights to all designs and drawings are the property of Fotenn Consultants Inc. Unauthorized reproduction or use is forbidden. DO NOT SCALE DRAWING

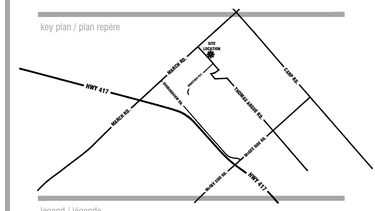
Copyright réservés
Les droits d'auteur à tous les modèles et dessins sont la propriété de Fotenn Consultants Inc. Reproduction ou utilisation non autorisée est interdite. NE PAS L'ÉCHELLE DE DESSIN

Client / Client

BigSteelBox
Proudly Canadian

1440 Colborne Street East,
Brantford, ON, Canada, N3R 0C3

key plan / plan repère


SITE LOCATION
HWY 403
HWY 403 EB
HWY 403 WB
HWY 403 WB
HWY 403 EB
HWY 403
HWY 403
HWY 403