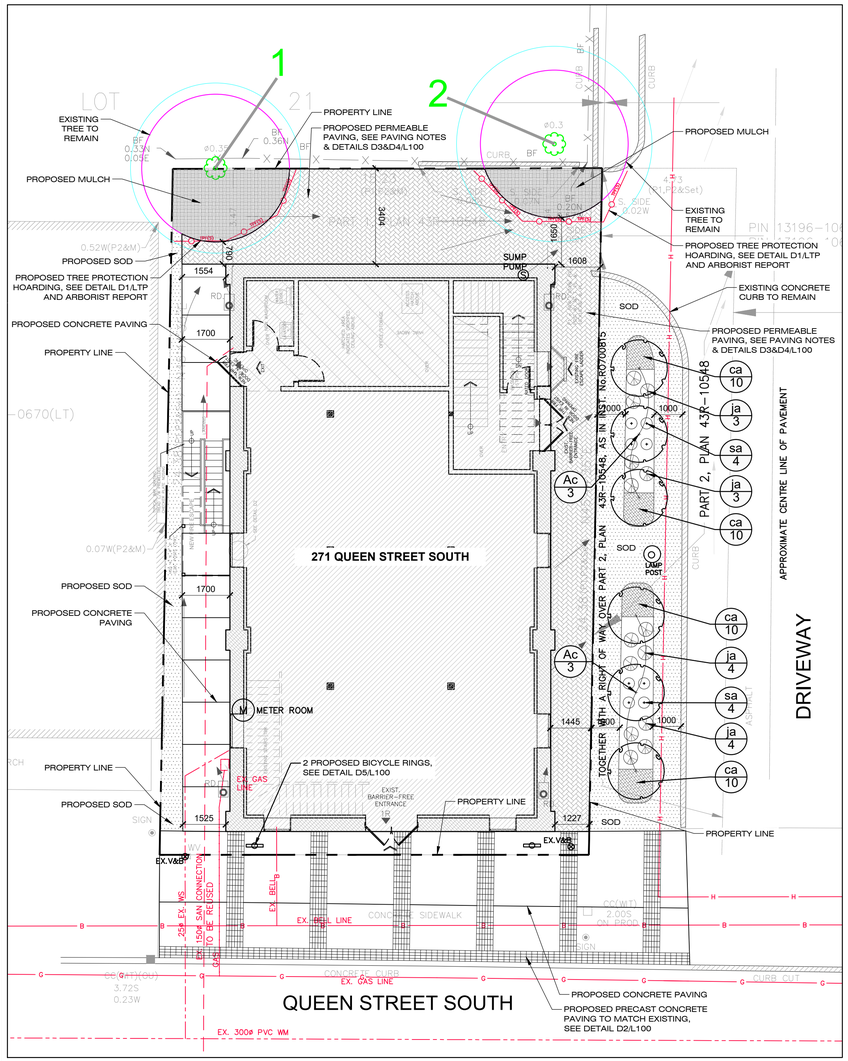
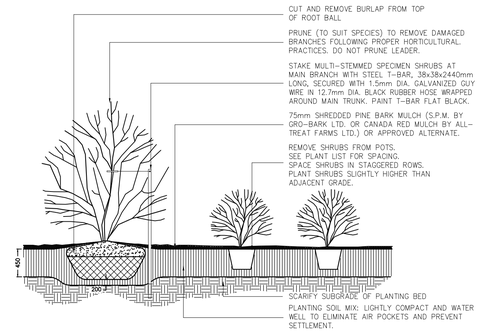


L1 LANDSCAPE PLAN

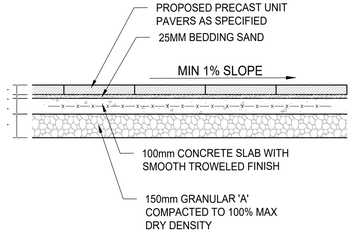
SCALE: 1 : 100



NOTE:
1. PLANTING SOIL MIX (MIXED THOROUGHLY) 6 PARTS GOOD QUALITY TOPOSOIL, TWO PARTS WELL ROTTED COW MANURE, 1 PART PEAT MOSS.
2. SHRUBS SPECIFIED BARE ROOTS (B.R.) TO BE PLANTED SO THAT ROOTS ARE PLACED NATURALLY WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE.
3. PROVIDE 100mm HIGH EARTH SAUCER AROUND SHRUB BED WITH 100mm WIDE SMOOTH BED EDGE TO RETAIN MULCH.

D1 SPECIMEN MULTI-STEM & MASS SHRUB PLANTING

SCALE: N.T.S.



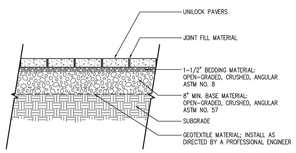
D2 PRECAST CONCRETE PAVING ON SLAB

SCALE: N.T.S.

KEY PLAN

LEGEND:
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUB PLANTING
- SOD PROPOSED SOD
- PROPOSED MULCH
- PROPOSED PERMEABLE PAVING
- PROPERTY LINE
- TREE PROTECTION FENCING

NOTES:
1) THIS PERMEABLE PAVEMENT DETAIL IS A RECOMMENDED MINIMUM AND MUST BE DESIGNED BY A PROFESSIONAL ENGINEER.
2) ALL AGGREGATE MATERIAL SHALL BE CRUSHED, ANGULAR STONE AND FREE OF FINES.
3) COMPACT SUBSOIL WITH A CALIFORNIA BEARING RATIO (CBR) OF LESS THAN 5% AS DIRECTED BY A PROFESSIONAL ENGINEER.
4) SURFACE SLOPE SHALL BE A MINIMUM OF 1% AND A MAXIMUM OF 5%.
5) INSTALL PVC UNDERDRAIN PIPE WHERE INFILTRATION RATE OF SUBSOIL IS LESS THAN 0.5 IN./HR. SIZE AS DIRECTED BY A PROFESSIONAL ENGINEER.
6) NEVER BUILD PERMEABLE PAVEMENTS ON ORGANIC CLAY SOILS OF HIGH PLASTICITY AND/OR PEAT, MULCH, SOILS WITH HIGH ORGANIC CONTENT.
7) MAINTAIN A MINIMUM DISTANCE OF 2' BETWEEN BOTTOM OF PERMEABLE BASE AND WATER TABLE.
8) THE MINIMUM AGGREGATE THICKNESSES ARE AFTER COMPACTION.
9) CROWN ROADWAY APPLICATIONS AT A 1.5 TO 1.7% SLOPE FOR INCREASED PAVEMENT STIFFNESS. (CROWNING IS NOT FOR DRAINAGE PURPOSES.)
10) ONLY USE CRUSHED, ANGULAR GRANITE CHIPS FOR JOINT MATERIAL IN ROADWAY APPLICATIONS.



COMMERCIAL APPLICATION
PERMEABLE PAVER DETAIL

CREATED: NOVEMBER 17, 2011
REVISED: MARCH 7, 2014
FILE NAME: CS-COM-PERM-SIDEWALK.DWG

NOTES:
This cross section is intended for preliminary design purposes only. Confirm site conditions and consult with a qualified design professional or installer prior to installation.

CROSS SECTION
PERMEABLE SIDEWALK
NON-VEHICULAR

UNILOCK
DESIGNED TO CONNECT.

D3 PROPOSED PERMEABLE PAVER SECTION

SCALE: N.T.S.

ECO-PRIORA™

PERMEABLE

OPAL BLEND — STEEL GREY BLEND

PRODUCT ATTRIBUTES

Visual Appearance	Available in multiple shapes, this permeable paver can be produced using EnduraColor technology which increases the durability of the product and provides better color retention. Custom colors and finishes are available to offer unlimited design possibilities.
Finish	Smooth Classic appearance

PRODUCT SPECIFICATIONS

RECTANGLE 5 x 10 x 3¼" 120 x 240 x 80mm

SPECIAL ORDER. Min. qty's apply.

RECTANGLE 10 x 10 x 3¼" 240x 240 x 80mm

RECTANGLE 5 x 5 x 3¼" 120 x 120 x 80mm

RECOMMENDED SAND

Gator Aqua Rock
- For Residential & Commercial applications
- For permeable paver joints
- Helps prevent erosion due to climatic conditions
- Use as bedding and jointing material
- Graded to meet ASTM No. 9 water rate
- Long term high infiltration performance
- 2,200 lb Supersack available for large applications

Coverage:

Size	Area
50lb. bag	20-25 sqft
2,200 lb. Super Sack	880-1100 sqft.

(Based on 60mm paver.)

EDGE DETAILS

ROUNDED EDGE

LAYING PATTERNS

ECO-PRIORA A 100% 5x10 — ECO-PRIORA E 100% 5x10 — ECO-PRIORA H 50% 5x10, 50% 10x10

PERMEABLE PAVEMENT DATA

PAVER SIZE & PATTERN	JOINT MATERIAL	JOINT WIDTH*	VOID SPACE*	SURFACE INFILTRATION RATE**	MIN. INFILTRATION RATE FOR RAINFALL OF: 2" / HR	4.5" / HR	6.5" / HR	11" / HR
HERRINGBONE	ASTM #9- SEK Chip	7 MM	7.08%	676" / HR	28	64	92	155
5 x 10	Kafka - 1/8 to 3/16"	7 MM	6.8%	633" / HR	29	66	96	162
Pattern H	ASTM #9- Roscoe Chip	7 MM	5.7%	509" / HR	35	79	114	193
Pattern H	IDOT FA 22	7 MM	5.7%	347" / HR	35	79	114	193
10 x 10	Kafka - 1/16 to 3/16"	7 MM	4.6%	327" / HR	43	98	141	239

Small 1/8" Joint

*Joint Width is measured at the top of the paver. Void Space is calculated at the base of the paver. **Infiltration rate is based on testing done when first installed and is an approximate. Permeable spacers are available for use with extended range of Unilock products.

UNILOCK

D4 PROPOSED PERMEABLE PAVER

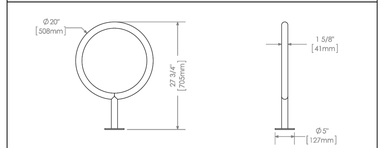
SCALE: N.T.S.

100 SERIES

MBR-0150-00002
Héritage # MBR150-S

MATERIALS:	The bike rack is constructed using H.S. steel tube and steel mounting plate.
FINISH:	All steel components are protected with E-Coat rust proofing. The Maglin Powdercoat System provides a durable finish on all metal surfaces.
INSTALLATION:	The bike rack is delivered pre-assembled.
TO SPECIFY:	Select MBR-0150-00002 Choose: - Powdercoat Color

HEIGHT: 27.75" (70.5cm) DIAMETER: 20" (50.8cm) WEIGHT: 12.04lbs (5.5kg)



MAGLIN Site Furniture
T 800 716 6504
F 877 289 8393
www.maglin.com
sales@maglin.com

- All drawings, specifications, design and details on this page remain the property of Maglin Site Furniture Inc. and may not be used without Maglin authorization.
- Details and specifications may vary due to continuing improvements of our products.

D5 PROPOSED BICYCLE RING

SCALE: N.T.S.

SITE PLAN NOTES:

I. I HEREBY CERTIFY THAT THIS DRAWING CONFIRMS IN ALL RESPECTS TO THE SITE DEVELOPMENT PLANS ARCHITECT OR ENGINEER'S SIGNATURE (IF APPLICABLE) AND PROFESSIONAL SEAL.
II. THE CITY OF MISSISSAUGA REQUIRES THAT ALL WORKING DRAWINGS SUBMITTED TO THE BUILDING DIVISION AS PART OF AN APPLICATION FOR THE ISSUANCE OF A BUILDING PERMIT SHALL BE CERTIFIED BY THE ARCHITECT OR ENGINEER AS BEING IN CONFORMITY WITH THE SITE DEVELOPMENT PLAN AS APPROVED BY THE CITY OF MISSISSAUGA.
III. ALL EXTERIOR LIGHTING WILL BE DIRECTED ONTO THE SITE AND WILL NOT INFRINGE UPON THE ADJACENT PROPERTIES.
IV. ALL ROOFTOP MECHANICAL UNITS SHALL BE SCREENED FROM VIEW BY THE APPLICANT.
V. PARKING SPACES RESERVED FOR PEOPLE WITH DISABILITIES MUST BE IDENTIFIED BY A SIGN, INSTALLED AT THE APPLICANT'S EXPENSE, IN ACCORDANCE WITH THE BY-LAW REQUIREMENTS AND BUILDING CODE REQUIREMENTS.
VI. THE APPLICANT WILL BE RESPONSIBLE FOR ENSURING THAT ALL PLANS CONFIRM TO TRANSPORT CANADA'S RESTRICTIONS.
VII. GRADES WILL BE MET WITH A 33% MAXIMUM SLOPE AT THE PROPERTY LINES AND WITHIN THE SITE.
VIII. ALL DAMAGED AREAS ARE TO BE REINSTATED WITH TOPSOIL AND SOD PRIOR TO THE RELEASE OF SECURITIES.
IX. SIGNAGE SHOWN ON THE SITE DEVELOPMENT PLANS IS FOR INFORMATION PURPOSES ONLY. ALL SIGNS WILL BE SUBJECT TO THE PROVISIONS OF SIGN BY-LAW 0054-2002, AS AMENDED, AND A SEPARATE SIGN APPLICATION WILL BE REQUIRED THROUGH THE BUILDING DIVISION.
X. ANY FENCING ADJACENT TO MUNICIPAL LANDS IS TO BE LOCATED 15 CM (6.0 IN.) INSIDE THE PROPERTY LINE.
XI. ONLY "SHIELDED" LIGHTING FIXTURES ARE PERMITTED FOR ALL DEVELOPMENT, EXCEPT FOR DETACHED AND SEMI-DETACHED DWELLINGS WITHIN 60 M (196.8 FT.) OF A RESIDENTIALLY ZONED PROPERTY AND MUST CONFIRM TO THE ENGINEER CERTIFIED LIGHTING PLAN.
XII. THE ENGINEER CERTIFIED LIGHTING PLAN MUST BE SIGNED BY THE CONSULTING ENGINEER.
XIII. THE OWNER COVENANTS AND AGREES TO CONSTRUCT AND INSTALL "SHIELDED" LIGHTING FIXTURES ON THE SUBJECT LANDS, IN CONFORMITY WITH THE SITE PLAN AND ENGINEER CERTIFIED LIGHTING PLAN TO THE SATISFACTION OF THE CITY OF MISSISSAUGA.
XIV. THE APPLICANT WILL BE RESPONSIBLE FOR ENSURING THAT ALL PLANS CONFIRM TO TRANSPORT CANADA'S RESTRICTIONS.
XV. WHERE PLANTING IS TO BE LOCATED IN LANDSCAPED AREAS ON TOP OF AN UNDERGROUND PARKING STRUCTURE, IT IS THE RESPONSIBILITY OF THE APPLICANT TO ARRANGE THE COORDINATION OF THE DESIGN OF THE UNDERGROUND PARKING STRUCTURE WITH THE LANDSCAPE ARCHITECT AND THE CONSULTING ENGINEERING. UNDERGROUND PARKING STRUCTURES WITH LANDSCAPING AREA TO BE CAPABLE OF SUPPORTING THE FOLLOWING LOADS:
- 15 CM OF DRAINAGE GRAVEL PLUS 40 CM TOPSOIL FOR SOD
- 15 CM OF DRAINAGE GRAVEL PLUS 60 CM TOPSOIL FOR SHRUBS
- 15 CM OF DRAINAGE GRAVEL PLUS 90 CM FOR TREES
OR
- PREFABRICATED SHEET DRAIN SYSTEM* WITH A COMPRESSIVE STRENGTH OF 1003 KPA PLUS 40 CM TOPSOIL FOR SOD
- PREFABRICATED SHEET DRAIN SYSTEM* WITH A COMPRESSIVE STRENGTH OF 1003 KPA PLUS 60 CM TOPSOIL FOR SHRUBS
- PREFABRICATED SHEET DRAIN SYSTEM* WITH A COMPRESSIVE STRENGTH OF 1003 KPA PLUS 90 CM TOPSOIL FOR TREES
* TERRADRAIN 900 OR APPROVED EQUAL
XVI. THE STRUCTURAL DESIGN OF ANY RETAINING WALL OVER 0.6 M IN HEIGHT OR ANY RETAINING WALL LOCATED ON A PROPERTY LINE IS TO BE SHOWN ON THE SITE GRADING PLAN FOR THIS PROJECT AND IS TO BE APPROVED BY THE CONSULTING ENGINEER FOR THE PROJECT.
XVII. CONTINUOUS 15 CM HIGH BARRIER TYPE POURED CONCRETE CURBING WILL BE PROVIDED BETWEEN ALL ASPHALT AND LANDSCAPED AREAS THROUGHOUT THE SITE.
XVIII. ALL UTILITY COMPANIES WILL BE NOTIFIED FOR LOCATES PRIOR TO THE INSTALLATION OF THE HOARDING THAT LIES WITHIN THE SITE AND WITHIN THE LIMITED OF THE CITY BOULEVARD AREA.

OWNER'S NOTE:

WE AGREE TO IMPLEMENT THE APPROVED SITE AND LANDSCAPE PLANS WITHIN 18 MONTHS AFTER THE EXECUTION OF THE SITE PLAN UNDERTAKING AND WILL RETAIN THE LANDSCAPE ARCHITECT TO MAKE PERIODIC SITE INSPECTIONS. UPON COMPLETION OF THE WORKS WE WILL FORWARD TO THE CITY OF MISSISSAUGA A COPY OF THE COMPLETION NOTIFICATION CERTIFICATE FROM THE LANDSCAPE ARCHITECT AND THE APPLICABLE INSPECTION FEE.
THE LANDSCAPE ARCHITECT OR CONSULTING ENGINEER WILL PROVIDE CERTIFICATION TO INDICATE THAT:
- THE RECOMMENDATIONS OUTLINED IN THE ACOUSTIC VIBRATION STUDY HAVE BEEN IMPLEMENTED IN ACCORDANCE WITH THE STUDY;
- THE ENGINEERING CERTIFICATE LIGHTING PLAN AND THE LID TECHNIQUES FOR THIS PROJECT HAVE BEEN INSTALL IN ACCORDANCE WITH THE APPROVED PLANS ANY REVISION TO THE SITE PLAN, LANDSCAPE PLANS AND ENGINEER CERTIFIED LIGHTING PLAN (IF APPLICABLE) WILL BE SUBMITTED TO THE PLANNING AND BUILDING DEPARTMENT, DEVELOPMENT AND DESIGN DIVISION, CITY OF MISSISSAUGA FOR REVIEW AND APPROVAL, PRIOR TO THE COMMENCEMENT OF THE WORKS.
WE HEREBY AUTHORIZE THE CITY, IT'S AUTHORIZED AGENTS, SERVANTS OR EMPLOYEES TO ENTER UPON OUR LAND TO CARRY OUT INSPECTIONS FROM TIME TO TIME AND AGREE TO INDEMNIFY THE CITY AND ITS AUTHORIZED AGENTS AND SAVE THEM HARMLESS FROM ANY AND ALL ACTIONS ARISING OUT OF THE EXERCISE BY THE CITY, ITS AUTHORIZED AGENTS, SERVANTS OR EMPLOYEES OF THE RIGHTS HEREBY GIVEN TO THEM. WE UNDERTAKE TO NOTIFY THE CITY FORTHWITH OF ANY CHANGE OF OWNERSHIP OF THE SAID LANDS.

SIGNATURE OF OWNER: _____

NAME OF OWNER: _____

ADDRESS: _____

DATE: _____

NOTES:

-- FOR ARBORIST INFORMATION SEE REPORT BY KUNTZ FORESTRY CONSULTING INC. DATED JUNE 14, 2022.
-- FOR SITE SURVEY INFORMATION SEE PLAN BY OTHERS
-- FOR GRADING AND DRAINAGE REQUIREMENTS SEE PLAN BY OTHERS
-- FOR ADDITIONAL SITE LIGHTING & IRRIGATION SEE PLAN BY OTHERS
-- ALL EXISTING SODDED AREAS DISTURBED BY CONSTRUCTION TO BE REPAIRED.

GRADING NOTE:

I HEREBY CERTIFY THAT THE LANDSCAPE PLAN CONFORMS TO THE APPROVED SITE GRADING PLAN FOR THIS APPLICATION.

SIGNATURE OF LANDSCAPE ARCHITCT: _____

PRINT NAME OF LANDSCAPE ARCHITECT: AMIR ARDESHIR NIKZAD

DATE: JULY 21, 2022

TREE PROTECTION NOTE:

THE APPLICANT IS RESPONSIBLE FOR ENSURING THAT TREE PROTECTION HOARDING IS MAINTAINED THROUGHOUT ALL PHASES OF DEMOLITION AND CONSTRUCTION IN THE LOCATION AND CONDITION AS APPROVED BY THE PLANNING AND BUILDING DEPARTMENT. NO MATERIALS (BUILDING MATERIALS, SOIL, ETC.) MAY BE STOCKPILED WITHIN THE AREA OF HOARDING. FAILURE TO MAINTAIN THE HOARDING AS ORIGINALLY APPROVED OR THE STORAGE OF MATERIALS WITHIN THE HOARDING WILL BE CAUSE FOR THE LETTER OF CREDIT TO BE HELD FOR TWO (2) YEARS FOLLOWING COMPLETION OF ALL SITE WORKS.

OWNER'S SIGNATURE: _____

DATE: _____

PAVING NOTES:

- ALL CONCRETE PAVING TO BE BROOM FINISH.
- PROPOSED PERMEABLE PAVERS FOR THE WALKWAY CONNECTION TO BE ECO-PRIORA, BY UNILOCK, SIZE 120 x 240 x 80mm, COLOUR: OPAL BLEND, INSTALLATION PATTERN: ECO-PRIORA B.

PROTECTION AND PRESERVATION OF EXISTING VEGETATION NOTE:

ALL EXISTING TREES (SINGLES AND GROUPS) WHICH ARE TO REMAIN SHALL BE FULLY PROTECTED WITH HOARDING ERECTED BEYOND THE DRIP LINE OF THE TREE CANOPY TO THE SATISFACTION OF THE PLANNING AND BUILDING DEPARTMENT PRIOR TO THE ISSUANCE OF THE BUILDING PERMIT. AREAS WITHIN THE HOARDING SHALL REMAIN UNDISTURBED AND SHALL NOT BE USED FOR THE STORAGE OF BUILDING MATERIALS AND EQUIPMENT.
THE PLANNING AND BUILDING DEPARTMENT WILL INSPECT THE HOARDING OF TREES ON PRIVATE PROPERTY, WHILE THE COMMUNITY SERVICES DEPARTMENT WILL INSPECT THE HOARDING OF PUBLIC TREES. HOARDING MUST REMAIN IN PLACE UNTIL AN INSPECTION BY THE CITY AND AN APPROPRIATE REMOVAL TIME HAS BEEN AGREED UPON.
THE DEVELOPER OR AGENTS SHALL TAKE EVERY PRECAUTION NECESSARY TO PREVENT DAMAGE TO THE EXISTING VEGETATION TO BE RETAINED. WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION, THEY WILL BE REMOVED IN ACCORDANCE WITH ACCEPTED ARBORICULTURE PRACTICE. WHERE ROOT SYSTEMS OF PROTECTED TREES ADJACENT TO CONSTRUCTION ARE EXPOSED OR DAMAGED THEY SHALL BE NEATLY TRIMMED AND THE AREA BACKFILLED WITH APPROPRIATE MATERIAL TO PREVENT DESICCATION.
NO OPEN TRENCHING SHALL OCCUR THROUGH TREE PRESERVATION ZONES (TPZ). ONLY DIRECTIONAL BORING CAN BE USED FOR SERVICE INSTALLATION IN THESE AREAS.
WHERE NECESSARY, VEGETATION WILL BE GIVEN AN OVERALL PRUNING TO RESTORE THE BALANCE BETWEEN ROOTS AND TOP GROWTH, OR TO RESTORE ITS APPEARANCE.
TREES THAT HAVE DIED OR HAVE BEEN DAMAGED BEYOND REPAIR SHALL BE REMOVED AND REPLACED AT THE OWNERS' EXPENSE WITH TREES OF A SIZE AND SPECIES APPROVED BY THE PLANNING AND BUILDING DEPARTMENT.

PLANT LIST

KEY	QTY.	BOTANICAL NAME	COMMON NAME	Cal.	Hgt.	Root	Remarks	NATIVE	DROUGHT TOLERANT
DECIDUOUS MULTI-STEM TREES									
Ac	6	Amelanchier canadensis	Serviceberry		150 cm ht	B.B	Full Bushy Specimen	Yes	No
DECIDUOUS SHRUBS									
sa	8	Spirea alba	Meadowsweet	60cm		Pot	Full Bushy Specimen	Yes	No
CONIFEROUS SHRUBS									
ja	14	Juniperus andorra 'Compacta'	Compact Andorra Juniper	60cm		Pot	Full Bushy Specimen	Yes	Yes
PERENNIALS & GRASSES									
ca	40	Calamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass		1/2 Gal.	Pot	Full Bushy Specimen	Yes	Yes

N — PROJECT NORTH
N — GEODETIC NORTH

REV	DESCRIPTION	DATE
1	ISSUED FOR SPA 1	JUL 21, 22

Issues/Revisions

Printed:

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO — OALA — Amir Ardeshir Nikzad

MARTEN-NIKZAD
LANDSCAPE ARCHITECTS INC.
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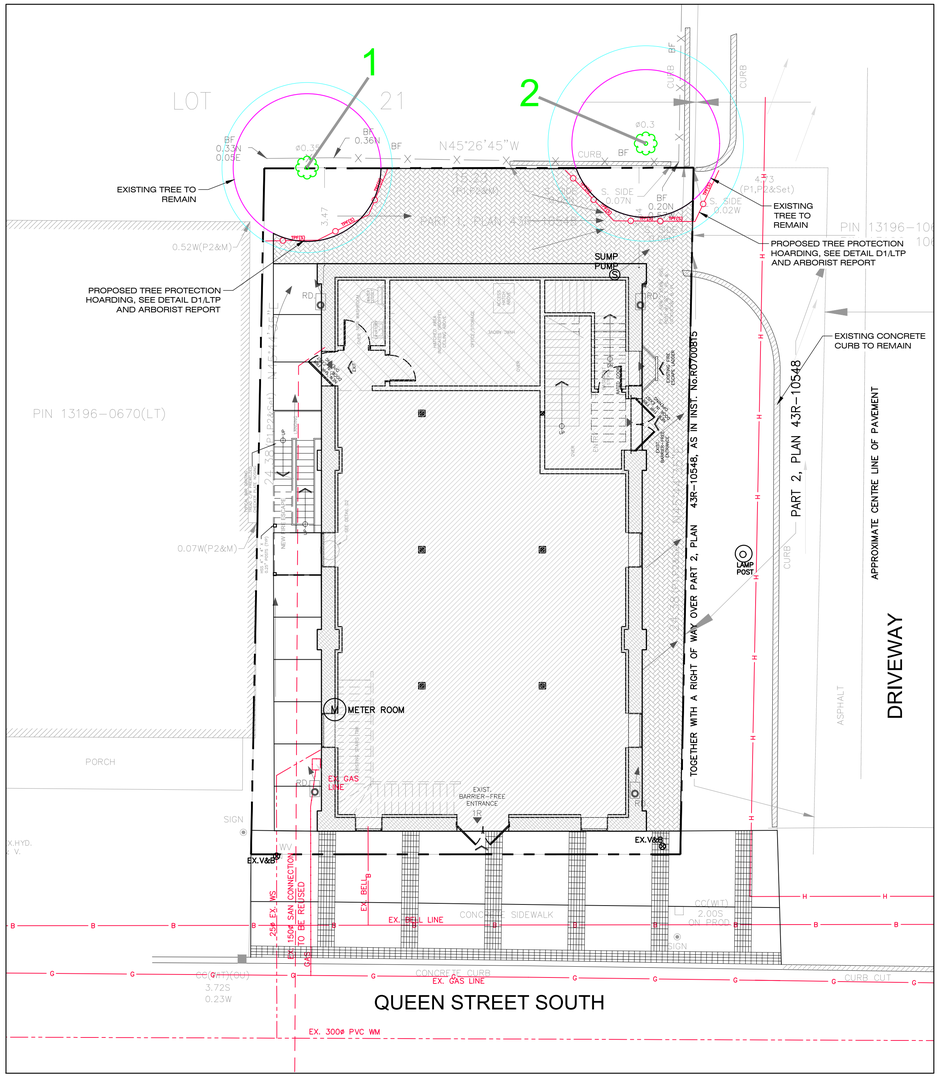
TORONTO, ONTARIO, M4G 3A6
T: 416-245-2299
E: studio@mnlarch.ca

PROJECT ADDRESS:
271 QUEEN ST SOUTH
MISSISSAUGA, ONTARIO

LANDSCAPE PLAN AND DETAILS

PROJECT No.	22-702
SCALE	AS SHOWN
DATE	JUL. 2022
DWG. FILE	22-702.DWG
SITE PLAN APPLICATION NO. :	
DWG. No.	L100

2 of 2



L1 TREE PRESERVATION PLAN SCALE: 1 : 100

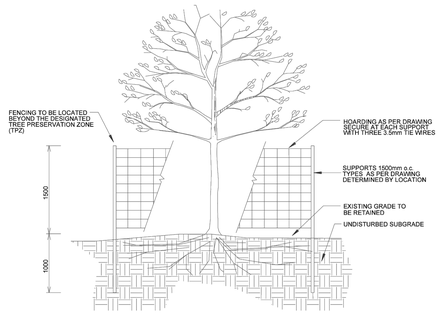
TREE PRESERVATION PLAN LEGEND:

- X — TREE LABEL (GREEN), PRESERVATION RECOMMENDED
- X — TREE LABEL (RED), REMOVAL REQUIRED
- DRIPLINE (CYAN CIRCLE) IN METERS
- MINIMUM TREE PRESERVATION ZONE (MAGENTA CIRCLE)
- SURVEYED TREE LOCATION
- TREE PROTECTION FENCING

02830-1

Hoarding
Tree Preservation Hoarding Guideline

NOTE:
TO BE USED AS A GUIDELINE ONLY.
NOT TO SCALE. REMOVE CITY TITLE BLOCK AND REDRAW TO REPRESENT SITE SPECIFIC CONDITIONS. ALL SITE SPECIFIC CONDITIONS ARE TO BE CONFIRMED BY THE PROJECT CONSULTANT.



NOTES:

1. THE AREA WITHIN DESIGNATED TREE PRESERVATION ZONE OF ALL EXISTING TREES SHALL BE PROTECTED WITH HOARDING AS PER DETAIL.
2. THE AREA WITHIN THE TREE PRESERVATION ZONE HOARDING SHALL REMAIN UNDISTRUBED AND SHALL NOT BE USED FOR THE STORAGE OF BUILDING MATERIALS AND EQUIPMENT.
3. PRUNE BRANCHES TO REMOVE DAMAGED LIMBS. DO NOT DAMAGE LEADERS. ALL CUTS OVER 25mm SHALL BE TREATED IN ACCORDANCE WITH APPROPRIATE HORTICULTURAL PRACTICES AS APPROVED BY THE COMMUNITY SERVICES DEPARTMENT.
4. CUTTING OF ROOTS OR CHANGING OF GRADES AROUND EXISTING TREES WITHIN THE TREE PRESERVATION ZONE WILL NOT BE PERMITTED WITHOUT THE APPROVAL OF THE COMMUNITY SERVICES DEPARTMENT.
5. IF TREES ARE BEING ADVERSLY AFFECTED BY CONSTRUCTION, A WATERING AND FERTILIZING PROGRAM IS TO BE IMPLEMENTED TO THE SATISFACTION OF THE COMMUNITY SERVICES DEPARTMENT.
6. TREE PROTECTION HOARDING MAY BE REQUIRED FOR INDIVIDUAL TREES TO REMAIN AND/OR AROUND TREE PRESERVATION ZONES AS IDENTIFIED ON THE APPROVED TREE PRESERVATION PLANS.
7. TREES IDENTIFIED FOR PRESERVATION BUT WHICH DIE, OR ARE DAMAGED BEYOND REPAIR, SHALL BE REPLACED AT THE DEVELOPERS' EXPENSE WITH A SIZE AND SPECIES OF TREE APPROVED BY THE COMMUNITY SERVICES DEPARTMENT.
8. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

Detail: 02830-1 ORIGINAL DATE: Oct 09/15 REVISION DATE: month xx/1x MISSISSAUGA

D1 TREE PROTECTION BARRIER SCALE: N.T.S.

Table 1. Tree Inventory

Location: 271 Queen St. S., Mississauga Date: 30 April 2022 Surveyors: PK

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	RZE	CDB	CW	mTPZ	Comments	Ownership	Action	Comp.
1	White Mulberry	*Morus alba*	32	F	F	P/F	vP	-	6	2.4	sloughing back (L), pruning wounds (L), RZE impacted by current constrction (H), impervious surface in 75% of root zone, epicormic branching (H), very little root zone environment	Private Shared	Preserve	-
2	Little-leaf Linden	*Tilia cordata*	~35	G	G	F	vP	-	7	2.4	Root zone environment poor due to current construction and impervious surface in 75% of RZ, epicormic branching (L), pruning wounds (L)	Private Neighbour	Preserve	-

Codes		
DBH	Diameter at Breast Height	*(cm)*
TI	Trunk Integrity	*(G, F, P)*
CS	Crown Structure	*(G, F, P)*
CV	Crown Vigor	*(G, F, P)*
RZE	Root Zone Environment	*(G, F, P)*
CDB	Crown Dieback	*(%)*
mTPZ	Minimum Tree Protection Zone, as measured from edge of tree	*(m)*
CW	Crown Width	*(m)*
Owner	Ownership	*(City, Private, Neighbour, Shared)*
~ = estimate; (VL) = very light; (L) = light; (M) = moderate; (H) = heavy; (VH) = very heavy		

KEY PLAN

NOTES:

- FOR ARBORIST INFORMATION SEE REPORT BY KUNTZ FORESTRY CONSULTING INC. DATED JUNE 14, 2022.
- FOR SITE SURVEY INFORMATION SEE PLAN BY OTHERS
- FOR GRADING AND DRAINAGE REQUIREMENTS SEE PLAN BY OTHERS
- FOR ADDITIONAL SITE LIGHTING & IRRIGATION SEE PLAN BY OTHERS
- ALL EXISTING SODDED AREAS DISTURBED BY CONSTRUCTION TO BE REPAIRED.

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ALL EXISTING TREES (SINGLES AND GROUPS) WHICH ARE TO REMAIN SHALL BE FULLY PROTECTED WITH HOARDING ERECTED BEYOND THE DRIP LINE OF THE TREE CANOPY TO THE SATISFACTION OF THE PLANNING AND BUILDING DEPARTMENT PRIOR TO THE ISSUANCE OF THE BUILDING PERMIT. AREAS WITHIN THE HOARDING SHALL REMAIN UNDISTURBED AND SHALL NOT BE USED FOR THE STORAGE OF BUILDING MATERIALS AND EQUIPMENT.
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TREES THAT HAVE DIED OR HAVE BEEN DAMAGED BEYOND REPAIR SHALL BE REMOVED AND REPLACED AT THE OWNERS' EXPENSE WITH TREES OF A SIZE AND SPECIES APPROVED BY THE PLANNING AND BUILDING DEPARTMENT.

TREE PROTECTION NOTE:

THE APPLICANT IS RESPONSIBLE FOR ENSURING THAT TREE PROTECTION HOARDING IS MAINTAINED THROUGHOUT ALL PHASES OF DEMOLITION AND CONSTRUCTION IN THE LOCATION AND CONDITION AS APPROVED BY THE PLANNING AND BUILDING DEPARTMENT. NO MATERIALS (BUILDING MATERIALS, SOIL, ETC.) MAY BE STOCKPILED WITHIN THE AREA OF HOARDING. FAILURE TO MAINTAIN THE HOARDING AS ORIGINALLY APPROVED OR THE STORAGE OF MATERIALS WITHIN THE HOARDING WILL BE CAUSE FOR THE LETTER OF CREDIT TO BE HELD FOR TWO (2) YEARS FOLLOWING COMPLETION OF ALL SITE WORKS.

OWNER'S SIGNATURE: _____

DATE: _____

N — PROJECT NORTH | N — GEODETIC NORTH

REV	DESCRIPTION	DATE
1	ISSUED FOR SPA 1	JUL 21, 22

Issues/Revisions

Printed:

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — OALA — MEMBER

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TREE PRESERVATION PLAN & DETAILS

PROJECT No.	22-702
SCALE	AS SHOWN
DATE	JUL. 2022
DWG. FILE	22-702.DWG
SITE PLAN APPLICATION NO. :	
DWG. No.	**LTP**