## **Tree Protection Notes**

All existing tress 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. Groups of trees and other existing vegetation are to be protected with hoarding around the entire area. Areas within the protective fencing shall remain undisturbed and shall not be used for the storage of building materials and equipment.

The Planning and Building Department will be responsible for inspection of trees on private property, while the Community Services Department is responsible for the inspection of hoarding for public trees.

Hoarding must remain in place until an inspection by the Landscape Architectural Technologist, Development and Design Division, and appropriate removal time has been agreed upon.

Hoarding must remain in place until an inspection by Landscape Technologist, Development and Design

Division, and an appropriate removal time has been agreed upon. No rigging cables shall be wrapped around or installed in the trees and surplus soil, equipment, debris or materials shall not be placed over the root systems of the trees within the protective fencing. No

contaminants will be dumped or flushed where feeder roots of trees exist.

The developer or agents shall take every precaution necessary to prevent damage to the vegetation to be retained.

Where limbs or portions of trees are removed to accommodate construction, they will be removed inaccordance 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.

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.

If grades around trees to be protected are to change, the owner shall be required to take precautions such as dry welling, retaining walls, and root feeding to the satisfaction of the Planning and Building Department.



No open trenching shall occur through tree preservation zones (TPZ). Only directional boring can be used

## Existing Tree Schedule

No.	Tree Species	DBH	Location		ТС	Comments	
#1	Norway manla	(cm) 24	NE roadsido	(%)	Dood Allowanco	To Do Prosorvad	
#1	Norway maple	27	NE Toauside	50	Road Allowance	To Be Preserved	
#2	Norway maple	37	N roadside	55	Road Allowance	To Be Preserved	
#3	Norway maple	10	NW readside	50	Road Allowance	To Be Preserved	
#4	Norway maple	19	NW readside	50	Road Allowance	To Be Preserved	
#5	Scots Pine	29	INW readside	60	Road Allowance	To Be <u>Removed</u>	
#6	Scots Pine	18-20	NW roadside	55 70	Road Allowance	To Be <u>Removed</u>	
#/	Hawthorn	5-8	W roadside	/0	Border tree	To Be <u>Removed</u>	
#8	Hawthorn	10-14	W roadside	65	Border tree	To Be <u>Removed</u>	
#9	Hawthorn	1-3	W roadside	70	Border tree	To Be <u>Removed</u>	
#10	Green Ash	5-7	W roadside	70	Border tree	To Be <u>Removed</u>	
#11	Buckthorn	8-15	SW roadside	65	Border tree	To Be <u>Removed</u>	
#12	Buckthorn	8-16	SW roadside	65	Border tree	To Be <u>Removed</u>	
#13	Buckthorn	3-5	SW roadside	70	Border tree	To Be <u><b>Removed</b></u>	
#14	Buckthorn	5-10	SW roadside	65	Border tree	To Be <u>Removed</u>	
#15	stump	NA	SW roadside	0	Border tree	To Remain	
#16	Norway maple	16	NE side	70	Private	To Be <u>Removed</u>	
#17	Norway maple	10	NE exempt	70	Private	To Be <u><b>Removed</b></u>	
#18	Norway maple	16	NE side	70	Private	To Be <u>Removed</u>	
#19	Norway maple tag #601599	47	E side	60	Private	To Be <u>Removed</u>	
#20	Norway Maple	27	NE side	65	Private	To Be <u>Removed</u>	
#21	Norway maple tag #601594	53	NE side	65	Private	To Be <u>Removed</u>	
#22	Norway Maple	14	NW side	70	Private	To Be <u>Removed</u>	
#23	Red Oak	12-15	N side	65	Private	To Be <u>Removed</u>	
#24	Juniper	14	N exempt	55	Private	To Be <u>Removed</u>	
#25	Silver Maple tag #601585	20-38	Centre	60	Private	To Be <u>Removed</u>	
#26	Manitoba Maple	8-24	W side	65	Private	To Be <u>Removed</u>	
#27	Juniper	14-16	W side	70	Private	To Be <u>Removed</u>	
#28	Silver Maple	10-13	SE exempt	70	Private	To Be Removed	
#29	Green Ash	10-15	SE side	65	Private	To Be Removed	
#30-36	Green Ash	5-8	SE exempt	65-70	Private	To Be Removed	
#37	Buckthorn	5-8	NW exempt	70	Private	To Be Removed	
#38	Norway Maple	18	W side	70	Private	To Be Removed	
#39	Norway Maple	20	W side	70	Private	To Be <b>Removed</b>	
#40	Norway Maple	22	W side	70	Private	To Be <b>Removed</b>	
#41-65	White Cedars	5-10	N exempt	60-70	Private	To Be <b>Removed</b>	
#66-80	Green Ash	8-12	E except	55-65	Private	To Be <b>Removed</b>	
#81	Red Elm	18-24	S side	55	Private	To Be Preserved	
#82-83	Buckthorns	5-9	SE exempt	60-65	Private	To Be Preserved	
#84	Siberian Elm	42	NE offsite	55	Neighbour	To Be Preserved	
#85	Manitoba Maple	34	NE offsite	60	Neighbour	To Be Preserved	
#86	Manitoba Maple	58-84	E offsite	65	Neighbour	To Be Preserved	
#87	Buckthorn	5-8	SE offsite	65	Neighbour	To Be Preserved	
#88	Buckthorn	5-10	SE offsite	65	Neighbour	To Be Preserved	
#89	Manitoba Maple	28-38	SE offsite	60	Neighbour	To Be Preserved	
#90-94	Manitoba Maples	20-22	SE offsite	65-70	Neighbour	To Be Preserved	
#95	Red Oak	8-12	SE border	70	Neighbour	To Be Preserved	
#96+	Honevsuckles	1-3	S border	70-75	Neighbour	To Be Preserved	
#97_99	Junipers	15-18	S offsite	55-65	Neighbour	To Be Preserved	
#100	Manitoba	10-16	S offsite	65-70	Neighbour	To Be Preserved	
1100	Maple	10-10		0.0-70	1 Vigilooui		
			1	1			





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Architect:

Client/Owner:





### Legend Existing Deciduous + Tree Canopy Property Line \_\_\_\_\_ Prop. 1.2 Ornamental \_\_\_\_O\_\_\_O\_ Metal Fence • • • • • Prop. Sodded \* \* \* \* \* \* \* \* Area Typ. V V V V V Prop. Concrete Paving Typ. Prop. Unit Paving Type 1

# Proposed Plant Material List

KEY	QNTY	BOTANICAL NAME	COMMON NAME	HT/CAL	SPREAD	ROOT	DROUGHT TOLERANT	NATIVE	REMARKS
DECIDUC	US TREE	S							
AXF		Acer x freemanii 'Jeffersred'	Jeffersred Freeman Maple	70 mm		B.&B.	Yes	Yes	Full Form
GTS		Gleditsia triacanthos 'Sunburst'	Sunburst Honey-Locust	70 mm		B.&B.	Yes	Yes	Full Form
LTP		Liriodendron tulipifera	Tulip Tree	70 mm		B.&B.	Yes	Yes	Full Form
QRB		Quercus rubra	Red Oak	70 mm		B.&B.	Yes	Yes	Full Form
TAR		Tilia Americana 'Redmond'	Redmond Basswood	70 mm		B.&B.	Yes	Yes	Full Form
DECIDUC	US SHRU	JBS		•	•		1		
ACB		Amelancier canadensis 'Ballerina'	Ballerina Serviceberry	200 cm		B.&B.	Yes	Yes	Multi Stem
CNK		Cornus sericea 'Kelseyi'	Kelsey Red Osier Dogwood	60 cm		C.G.	Yes	Yes	Full Form
DGN		Deutzia crenata 'Nikko'	Dwarf Slender White Deutzia	35 cm		C.G.	No	No	Full Form
EFS		Euonymus fortunei 'Sarcoxie'	Sarcoxie Euonymus	60 cm		C.G.	Yes	No	Full Form
HPB		Hydrangea paniculata 'Bombshell'	Dwarf Bombshell Hydrangea	60 cm		C.G.	No	No	Full Form
POD		Physocarpus opulifolius 'Diablo'	Diablo Purpleleaf Ninebark	60 cm		C.G.	Yes	Yes	Full Form
POG		Physocarpus opulifolius 'Dart's Gold'	Dart's Gold Ninebark	60 cm		C.G.	Yes	Yes	Dwarf
SJL		Spirea japonica 'Little Princess'	Dwarf Red Spirea	60 cm		C.G.	Yes	Yes	Full Form
SMP		Syringa meyeri 'Palibin'	Purple Dwarf Korean Lilac	60 cm		C.G.	Yes	No	Full Form
CONIFEROUS SHRUBS							•		
JHP		Juniperus horizontalis 'Prince of Wales'	Prince of Wales Juniper		45 cm	C.G.	High	Yes	Full Form
TCF		Taxus cuspidata 'Fairview'	Fairview Yew		65 cm	C.G.	Yes	No	Full Form
ORNAME	NTAL GR	ASSES							
CAC		Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass			5 Gal.	Yes	No	Full Form
PAF		Pennisetum alopecuroides	Fountain Grass			5 Gal.	Yes	No	Full Form
SPH		Sporobolus heterolepsis	Pairie Dropseed			2 Gal.	Yes	Yes	Full Form
PERENNI	ALS			•	•				
HJS		Hemerocallis 'Joan Senior'	Joan Senior (white) Daylilies			2 Gal.	Yes	No	Full Form
NEP		Nepeta racemosa 'Walker's Low'	Walker's Low Catmint			2 Gal.	Yes	No	Full Form
PLS		Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage			2 Gal.	Yes	No	Full Form
SAM		Salvia x sylvestris 'May Night'	May Night Salvia			2 Gal.	Yes	No	Full Form
		· · · · · · · · · · · · · · · · · · ·							

# **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.

ANY REVISIONS TO THE SITE AND LANDSCAPE PLANS WILL BE SUBMITTED TO THE PLANNING AND BUILDING DEPARTMENT, CITY OF MISSISSAUGA FOR REVIEW AND APPROVAL, PRIOR TO COMMENCEMENT OF THE WORKS.

WE HEREBY AUTHORIZE THE CITY, ITS 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 AUTHORISED 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

# **Existing Tree Preservation**

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 tree preservation Letter of Credit to be held for two (2) years following completion of all site works. Owners Signature:

# Sign By-Law

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 SEPERATE SIGN APPLICATION WILL BE REQUIRED THROUGH THE BUILDING DIVISION.

# Grading Note

I HEREBY CERTIFY THAT THIS LANDSCAPE PLAN CONFORMS TO THE SITE GRADING AND DRAINAGE PLAN (BY OTHERS) FOR THIS APPLICATION

Signature of Landscape Architect: \_₹. \_\_\_\_\_

Date: 19.10.31





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CONTRACTOR MUST CONTACT ALL UTILITY COMPANIES FOR STAKE OUTS PRIOR TO ANY EXCAVATION OR PLANTING.
ROUGH GRADING
ROUGH GRADE AND FILL AREAS TO ESTABLISH SUBGRADE AS REQUIRED. PROVIDE DRAINAGE PATTERN AS INDICATED ON DRAWINGS. ROUND SMOOTHLY ALL TOPS AND TOES OF SLOPES. COMPACT ALL AREAS TO 95% STANDARD PROCTOR DENSITY UNLESS SPECIFIED OTHERWISE. EXISTING TREES TO REMAIN ON SITE ARE TO BE PROTECTED AS DETAILED.
FINE GRADING
FINE GRADE ALL AREAS TO FINISHED GRADES AS SHOWN ON LAYOUT OR GRADING PLAN OR ARCHITECT'S SITE PLAN. PROVIDE UNIFORM SLOPES AWAY FROM THE BUILDING, UNLESS SPECIFIED OTHERWISE. SLOPES MAY NOT EXCEED 33 1/3% (3:1).
SPREADING OF TOPSOIL
SCARIFY THE SUBSOIL PRIOR TO THE SPREADING THE TOPSOIL. REMOVE ALL DEBRIS AND LEAVE A FINE-TEXTURED EVEN SURFACE. ALL TOPSOIL TO BE IMPORTED UNLESS PREVIOUSLY APPROVED BY LANDSCAPE ARCHITECT. OBTAIN APPROVAL FOR THE QUALITY OF ANY IMPORTED TOPSOIL BEFORE DELIVERY TO THE SITE. TOPSOIL IS TO BE COMPACTED TO CREATE A FIRM AND EVEN SURFACE.
SOD
USE NO. 1 GRADE TURFGRASS NURSERY SOD WHICH CONFORMS WITH THE SPECIFICATIONS OF THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO. ALL LAWN AREAS SHALL RECEIVE A MINIMUM OF 100MM (4") OF COMPACTED TOPSOIL, AND SHALL BE SODDED WITH #1 KENTUCKY BLUEGRASS - FESCUE. NO SOD SLOPES ARE TO EXCEED 3:1. SLOPE IN EXCESS OF 4:1 TO BE PEGGED.
MINERAL FERTILIZER
APPLY THE FOLLOWING MINERAL FERTILIZER UNLESS SOILS TESTS SHOW OTHER REQUIREMENTS:
1. SODDED AREAS - 11% NITROGEN, 8% PHOSPHORUS AND 4% POTASH (11-8-4) AT THE RATE OF 4.5 KG OVER M2 (10 LBS OVER 1000 SQ. FT.).
2. PLANTING BEDS - 7% NITROGEN, 7% PHOSPHORUS AND 7% POTASH (7-7-7) AT THE RATE OF 40 GRAMS (4 OZ.) FOR EVERY BUSHEL OF TOPSOIL.
PREPARATION OF PLANTING BEDS
ALL PLANT BEDS TO BE CONTINUOUS. EXCAVATE ALL PLANTING BEDS TO THE DEPTH AS INDICATED ON THE DRAWINGS AND DETAILS, MIN 450mm(18"). BACKFILL ALL PLANTING BEDS WITH A SOIL MIXTURE CONSISTING OF SIX (6) PARTS OF SAND LOAM, ONE (1) PART OF FINELY PULVERIZED PEAT MOSS, TWO (2) PARTS OF WELL-ROTTED MANURE AND THE MINERAL FERTILIZER AS SPECIFIED ABOVE. ALSO ADD .58 KILOS BONEMEAL/CUBIC METER OF PLANTING SOIL (1 LB./CUBIC YARD). PREPARE THE PLANTING BEDS FOR PLANTING BEFORE THE DELIVERY OF THE PLANT MATERIAL TO THE JOB SITE.
NOTE: IF THE EXISTING SOIL CONDITIONS ARE CLAY OR WET IN NATURE, CONTACT THE LANDSCAPE ARCHITECT FOR INSTRUCTIONS OF A SUITABLE SOIL MIXTURE. FAILURE TO DO THIS MAY RESULT IN DELAY OF APPROVAL AND ACCEPTANCE.
PLANT MATERIALS
ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS OF THE CANADIAN NURSERY TRADES ASSOCIATION FOR SIZE AND SPECIES.

ANDSCA	PE SPECIFICATIONS	
SCALE: N.T.S.	DATE:	LD01

OF PLANTING OPERATIONS. ALL PLANT MATERIAL TO BE CLAY GROWN STOCK UNLESS OTHERWISE NOTED.





SCALE: N.T.S. DATE:

ALL TREES, SHRUBS AND GROUNDCOVERS SHALL BE PLAN RECEIVE A COVER OF CLEAN MULCH TO A DEPTH OF 75mm ALL DECIDUOUS TREES UNDER EXPERIENCED SUPERVISIC CONTRACTORS ASSOCIATION.
PLANT MATERIAL SIZES AND CONDITIONS ARE TO BE AS IN
THE INDIVIDUAL PLANT GROUPING TOTAL AS ILLUSTRATED WASTER PLANT LIST. CONTRACTOR MUST REPORT ANY DI COMMENCING ANY WORK. CONTRACTOR WILL ASSUME FL DISCREPANCIES.
MULCH - SHREDDED PINE MULCH BY "GRO BARK" OR APP NSTALLATION.
GENERAL MAINTENANCE
PROPER MAINTENANCE PROCEDURES ARE TO BE FULLY A ACCORDANCE WITH LANDSCAPE ONTARIO SPECIFICATION CONSTRUCTION PERIOD, UNLESS OTHERWISE SPECIFIED. JNTIL FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT.
RODENT PROTECTION
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROT RODENT INJURY FOR THE DURATION OF GUARANTY PERIC TREES. GUARDS TO BE 150MM DIA. PVC PIPE OR AS MUNIC APPLICATION OF THE MULCH AND SHOULD BE PLACED A M
ALL SHRUBS AND CONIFEROUS TREES SHALL HAVE AN API APPLIED AT THE END OF OCTOBER. FOLLOW MANUFACTUI
GENERAL REQUIREMENTS
JSE ABOVE SPECIFICATIONS IN CONJUNCTION WITH THE G CONTRACTORS ASSOCIATION, THE NURSERY SOD GROWE NURSERY STOCK OF THE CANADIAN NURSERY TRADES AS SPECIFIED ON PLANTING PLAN; PROVIDE SUFFICIENT LABE EACH SPECIMEN OR BUNDLE.
DBTAIN APPROVAL FOR SUBSTITUTIONS AS TO VARIETY, S STOCK GROWN UNDER PROPER HORTICULTURAL PRACTIC LOCATIONS AND OBTAIN STAKEOUTS OF ALL UTILITY LINES COMMENCEMENT OF CONSTRUCTION. REPORT IN WRITING DOCUMENTS TO THE LANDSCAPE ARCHITECT BEFORE THE THESE SPECIFICATIONS MAY BE SUPERCEDED BY ADDITIO TO REVIEW ALL DOCUMENTS.
GUARANTEE PERIOD

SCALE: N.T.S. DATE:



PLICATION OF "SKOOT" OR APPROVED EQUIVALENT RODENT FORMULA, TO BE JRER'S DIRECTIONS FOR APPLICATION.

GENERAL LANDSCAPE SPECIFICATIONS OF THE ONTARIO LANDSCAPE ERS ASSOCIATION OF ONTARIO AND WITH THE GUIDE SPECIFICATIONS FOR SSOCIATION. USE ONLY PLANT MATERIAL TRUE TO NAME. SIZE AND GRADE AS ELS OR MARKINGS TO INDICATE CLEARLY THE VARIETY, SIZE AND GRADE OF

SIZE OR GRADE FROM THE LANDSCAPE ARCHITECT. USE ONLY NURSERY CES, VIABLE, FREE FROM PEST AND DISEASE AND UNDAMAGED. CHECK S BEFORE EXCAVATION. OBTAIN ALL NECESSARY PERMITS BEFORE IG ANY DISCREPANCIES IN THE DRAWINGS, SPECIFICATIONS AND CONTRACT E END OF THE BIDDING PROCESS AND COMMENCEMENT OF CONSTRUCTION. IONAL SPECIFICATIONS SET OUT IN THE TENDER DOCUMENTS. CONTRACTOR

E WORK FROM DATE OF FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT. ARS DEPENDING ON MUNICIPAL STANDARDS. CONTRACTOR TO VERIFY WITH











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Architect:

Client/Owner:







Mississauga, Ontario

**S.P.** Checked By: **L.M.** 

Sheet No.

LD-01





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