SOIL VOLUME NUMBER	Location (City ROW, private property)	Soil Area (m^2)	Soil Depth(m*)	Soil Volume (m^3)	Tree Quantity	Soil Volume per tree (m^3)	Irrigation provided (Yes/No)
1	Private	374.65	0.9	337.185	12	28.10	Yes
2	Private	668.99	0.9	602.091	10	60.21	Yes
3	Private	626.97	0.9	564.273	9	62.70	Yes
4	Private	464.86	0.9	418.374	13	32.18	Yes
5	Private	44.13	0.9	39.717	2	19.86	Yes
6	Private	65.18	0.9	58.662	1	58.66	Yes
7	Private	36.7	0.9	33.03	1	33.03	Yes
8	Private	29.33	0.9	26.397	1	26.40	Yes
9	Private	120.26	0.9	108.234	1	108.23	Yes
10	Private	771.12	0.9	694.008	6	115.67	Yes
11	Private	83.83	0.9	75.447	1	75.45	Yes
Totals				2957.418			Yes

* Soil depth excludes drainage layer

SOIL VOLUME LIST

GENERAL NOTES:

MAINTENANCE and ACCEPTANCE:

- ALL PLANT MATERIAL SHALL BE MAINTAINED BY THE CONTRACTOR IMMEDIATELY AFTER ANY PLANTING HAS BEEN INSTALLED AND SHALL CONTINUE UNTIL THE DATE OF FINAL ACCEPTANCE.
- SUCH MAINTENANCE SHALL INCLUDE ALL MEASURES NECESSARY TO ESTABLISH AND MAINTAIN ALL PLANTS IN AN ACCEPTABLE, VIGOROUS AND HEALTHY GROWING CONDITION INCLUDING CULTIVATING AND WEEDING, WATERING WHEN REQUIRED, PRUNING AND MAINTENANCE OF ALL ACCESSORIES.
- AT TIME OF INSPECTION FOR INITIAL & FINAL ACCEPTANCE, ALL PLANTING BEDS AND TREE PITS SHALL BE FRESHLY CULTIVATED, FREE OF WEEDS, LEAVES, BROKEN BRANCHES AND RUBBISH AND SHALL BE IN A NEAT AND TIDY CONDITION.
- ALL PLANT MATERIAL TO BE GUARANTEED FOR A PERIOD OF 2 (TWO) YEARS FROM THE DATE OF ACCEPTANCE BY THE LANDSCAPE ARCHITECT AND LOCAL AUTHORITY UNLESS OTHERWISE NOTED.
- MAINTAIN PLANTING BEDS AND TREE PITS FREE OF WEEDS THROUGHOUT THE GUARANTEE PERIOD.
- THE DEVELOPER SHALL REGULARLY REMOVE DEBRIS FROM THE WETLAND UNTIL THE COMPLETION OF ALL BUILDING CONSTRUCTION WITHIN THE DEVELOPMENT.

UTILITIES:

- APPLICANT IS RESPONSIBLE FOR OBTAINING NECESSARY APPROVALS FROM THE UTILITY COMPANIES FOR WORKS WITHIN THE MUNICIPAL BOULEVARD.
- ALL UTILITIES WITHIN THE BOULEVARDS MUST BE LOCATED PRIOR TO COMMENCING CONSTRUCTION WITHIN THE BOULEVARD.

RODENT PROTECTION:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL TREES AND SHRUBS FROM RODENT INJURY FOR THE DURATION OF THE GUARANTEE PERIOD. PROTECTIVE WIRE MESH GUARDS SHALL BE EMPLOYED AROUND ALL DECIDUOUS TREES. GUARDS SHALL BE INSTALLED PRIOR TO THE APPLICATION OF MULCH AND SHOULD BE PLACED A MINIMUM OF 50mm OUT FROM THE TREE TRUNK ON ALL SIDES. SUFFICIENT MESH SHOULD BE CUT TO COMPLETE THIS CIRCUMFERENCE AS WELL AS TO PROVIDE A MINIMUM OF 25mm OVERLAP.
- THE WIRE MESH GUARDS MUST BE OF GALVANIZED STEEL 12mm SQUARE MESH, 19 GAUGE AND SUPPLIED IN 600mm ROLLS. THE WIRE MESH CAN BE FASTENED WITH ANY ACCEPTABLE GALVANIZED WIRE TIE. ALL SHRUBS AND CONIFEROUS TREES SHALL HAVE AN APPLICATION OF "SKOOT" OR APPROVED EQUIVALENT RODENT FORMULA, TO BE APPLIED AT THE END OF OCTOBER. FOLLOW MANUFACTURER'S DIRECTIONS FOR APPLICATION.

SODDING:

- PREPARE A MINIMUM 100mm DEPTH OF TOPSOIL WITH A 10-6-4 COMMERCIAL FERTILIZER AT 7.3Kg./100Sq.m. AND SUPER PHOSPHATE AT 5Kg./100Sq.m.. THE PROPORTIONS SPECIFIED ARE SUBJECT TO ADJUSTMENT DEPENDING ON TOPSOIL ANALYSIS REPORT.
- LAY No. 1 NURSERY SOD ON ALL AREAS OF THE PROJECT NOT COVERED BY BUILDINGS OR PAVING.
- IMMEDIATELY AFTER INSTALLATION, SOD MUST BE WATERED AND ROLLED.

TREE LOCATION:

- NO TREES SHALL BE PLANTED UNDER OVERHEAD WIRES OR OVER UNDERGROUND SERVICES.
- TREES ARE NOT TO BE PLANTED LESS THAN 1M FROM CURBS, UNDERGROUND UTILITIES, SIDEWALKS AND DRIVEWAYS, 2m FROM FIRE HYDRANTS AND TRANSFORMERS, AND 4m FROM LIGHT STANDARDS.
- THE CONTRACTOR IS TO STAKE OUT LOCATIONS OF TREE PITS. THIS STAKE OUT IS TO BE INSPECTED BEFORE THE EXCAVATION OF ANY TREE PITS.
- BEFORE THIS STAKE OUT, THE CONTRACTOR IS TO REQUEST A STAKE OUT ALL UNDERGROUND SERVICES.
- THE LANDSCAPE ARCHITECT AND THE MUNICIPALITY MAY, AT THEIR DISCRETION REDISTRIBUTE TREE LOCATIONS, PRIOR TO PLANTING, IN ORDER TO MINIMIZE CONFLICTS WITH UTILITIES, DRIVEWAYS AND INTERSECTION VISIBILITY.

TOPSOIL:

- USE EVENLY MIXED TOPSOIL OF FERTILE, FRIABLE NATURAL LOAM CONTAINING NOT LESS THAN 4% ORGANIC MATTER FOR CLAY LOAMS AND 2% MINIMUM ORGANIC MATTER FOR SAND LOAMS WITH AN ACIDITY RANGE OF 5.5 TO 7.5 pH..
- ALL TOPSOIL SHOULD BE FREE OF SUBSOILS, CLAY, STONES, ROOTS, EXCESS WATER, FROST AND OTHER EXTRANEOUS MATTER.

PLANTING:

(UNLESS OTHERWISE SPECIFIED)

- PREPARE PLANTING SOIL BY EVENLY MIXING FOUR PARTS SANDY TOPSOIL, ONE PART ORGANIC SOIL ADDITIVE WITH 500g. BONE MEAL AND 750g COMMERCIAL FERTILIZER PER CUBIC METER. THE FOREGOING RATES ARE SUBJECT TO ADJUSTMENT ON RECEIPT OF TOPSOIL ANALYSIS REPORT.
- EXCAVATE AND PROVIDE PLANTING SOILS AS PER PLANTING DETAILS.
- PROVIDE ALL SHRUBS AND TREES ACCORDING TO THE GUIDE SPECIFICATIONS FOR NURSERY STOCK OF THE CANADIAN NURSERY TRADE ASSOCIATION WITH REGARD TO QUALITY AND GRADING AND SIZED AS PER PLANT LIST.
- SPRAY ALL PLANTINGS IN LEAF WITH ANTIDESICCANT. PROVIDE TREES WITH STAKES.
- PLANTS ARE TO BE No. 1 NURSERY GROWN, UNDER PROPER CULTURAL PRACTICES, IN PARTICULAR WITH RESPECT TO AMPLE SPACING, PEST AND DISEASE CONTROL, AND BRANCH AND ROOT PRUNING.
- TREES ARE TO HAVE STURDY, STRAIGHT TRUNKS.
- TREES SHALL BE WELL BRANCHED AND BALANCED WITH A STRONG CENTRAL LEADER.
- DECIDUOUS SHADE TREES SHALL BE FREE OF BRANCHES NOT LESS THAN 1.8m ABOVE THE GROUND.
- ALL SHRUBS ARE TO BE PLANTED IN CONTINUOUS BEDS.
- DO NOT SOD BETWEEN PLANTS. EXCAVATE ENTIRE AREA OF SHRUB BED UNIFORMLY TO SPECIFIED DEPTH AND FILL WITH SPECIFIED PLANTING SOIL.

UNIT PAVING:

- PAVERS SHALL BE PRECAST CONCRETE UNIT PAVERS WITH MIN. 58.65 M.P.A. (8500 P.S.I.) COMPRESSIVE STRENGTH, AND A WATER ABSORPTION NOT EXCEEDING 5% AND A FREEZE-THAW RESISTANCE EQUAL TO C.S.A.-A82-2 (1967).
- SETTING BED SHALL CONSIST OF SHARP, CLEAN, COARSE CONCRETE SAND OR APPROVED LIMESTONE SCREENINGS.
- SAND FOR JOINTS SHALL BE A CLEAN, NATURAL GRAVEL, CRUSHED STONE OR ROCK.
- INSTALL GRANULAR BASE AND COMPACT TO A MINIMUM 98% STANDARD PROCTOR DENSITY UNTIL THE MIN. SPECIFIED DEPTH AS DETAILED, HAS BEEN ESTABLISHED.
- LOOSELY PLACED CONCRETE SAND OR SCREENINGS TO A UNIFORM DEPTH OF 50mm. (2"), MIN..
- MAINTAIN JOINTS UNIFORM AND CLOSELY BUTTED THROUGHOUT.
- WHERE NECESSARY, SAW CUT PAVERS TO PRODUCE A SHARP, VERTICAL CUT WITHOUT DAMAGED EDGES, AND TO FIT ACCURATELY.
- AFTER COMPLETION OF INSTALLATION, COMPACT PAVING BY MEANS OF A VIBRATING PLATE TAMPER.
- FILL THE JOINTS WITH FINE SAND, BY BRUSHING AND SWEEPING, HOSE PAVING WITH FINE WATER SPRAY.

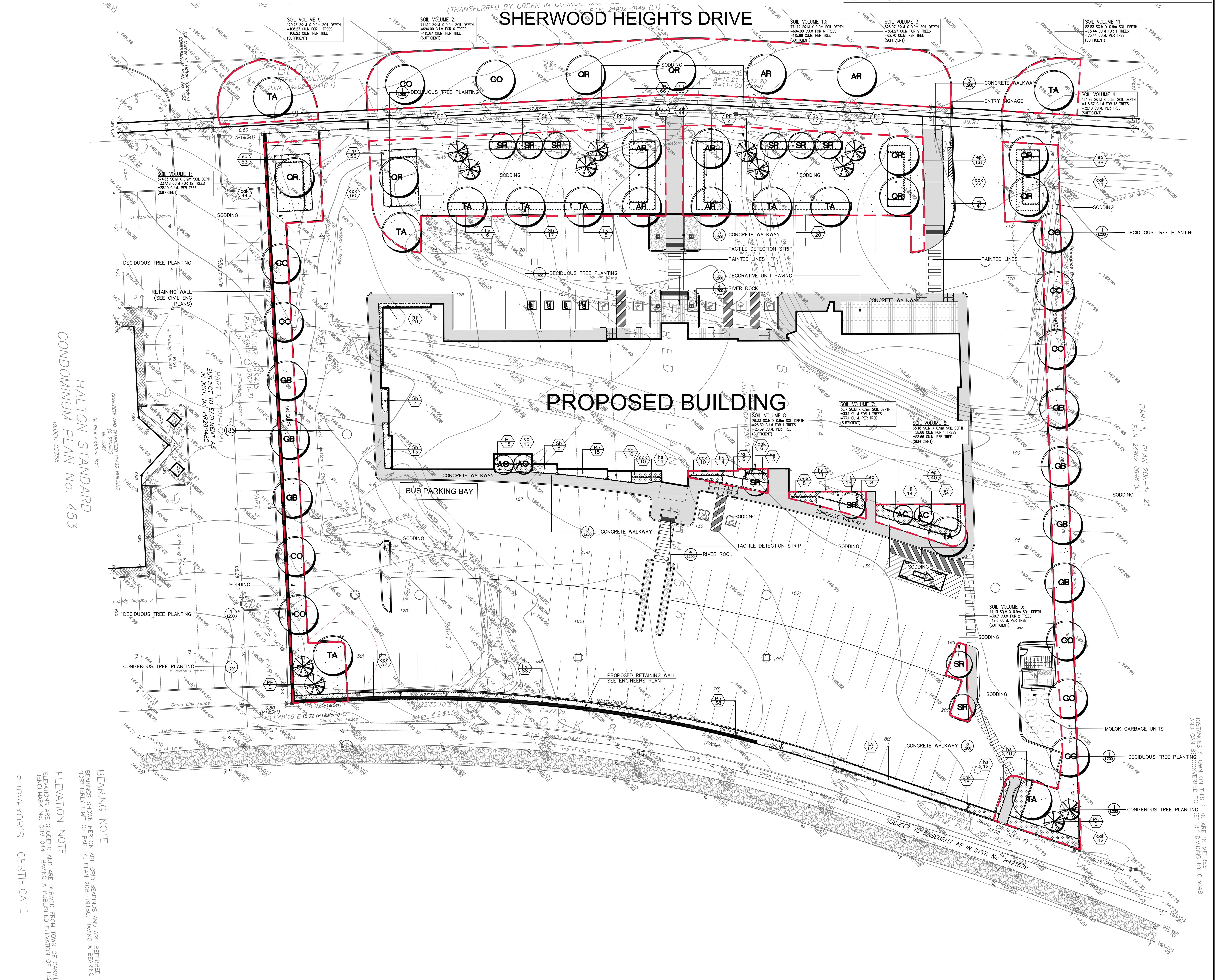
SITE

KEY	QUANT	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CALIPER	SPACING	COND.	REMARKS	DT	ON	PO	CAUTION
DECIDUOUS TREES													
AC	4	Amelanchier canadensis	Serviceberry	2000	1500	50	as shown	WB	FULL FORM	–	YES	YES	–
AR	4	Acer rubrum	Red Maple	4000	2000	60	as shown	WB	FULL FORM	–	YES	–	–
CO	10	Celtis occidentalis	Hackberry	4000	2000	60	as shown	WB	FULL FORM	–	YES	–	–
GB	7	Ginkgo biloba	Ginkgo biloba	4000	2000	60	as shown	WB	FULL FORM	–	–	–	–
QR	6	Quercus rubra	Red Oak	4000	2000	60	as shown	WB	FULL FORM	–	YES	–	–
SR	10	Syringa reticulata	Japanese Tree Lilac	4000	2000	60	as shown	WB	FULL FORM	–	–	YES	–
TA	9	Tilia americana	Basswood	4000	2000	60	as shown	WB	FULL FORM	–	YES	YES	–
CONIFEROUS TREES													
PG	2	Picea glauca	White Spruce	1750	1500	–	as shown	WB	FULL FORM	YES	YES	–	–
PP	10	Picea pungens var. 'Glauca'	Blue Colorado Spruce	1800	600	–	as shown	WB	FULL FORM	–	–	–	–
DECIDUOUS SHRUBS													
Hi	86	Hypericum inodorum	St. John's Wort	1000	1000	–	750	WB	FULL FORM	–	–	–	–
Lv	218	Ligustrum x vicaryi	Golden Privet	600	–		750	CG	Full Form	YES	–	YES	–
Po	38	Physocarpus opulifolius 'Purple'	Purple Ninebark	600	–		750	CG	Full Form	YES	–	YES	–
Rc	15	Rosa carolina	Carolina Rose	1750	2000	–	750	WB	FULL FORM	–	–	–	–
Sb	95	Spiraea x bumalda 'Goldflame'	Goldflame Spiraea	600	–		750	CG	Full Form	–	–	YES	–
PERENNIALS AND ORNAMENTAL GRASS													
cak	424	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Grass	–	–	–	600	2GAL	Full Form	YES	–	–	–
ep	434	Echinacea purpurea	Purple Coneflower	–	–	–	750	2GAL	Full Form	YES	YES	YES	–
hs	134	Hemerocallis 'Dad's Best White'	Dad's Best White Daylily	–	–	–	500	2GAL	Full Form	YES	–	YES	–

BOULEVARD

KEY	QUANT	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CALIPER	SPACING	COND.	REMARKS	DT	ON	PO	CAUTION
DECIDUOUS TREES													
AR	2	Acer rubrum	Red Maple	4000	2000	60	as shown	WB	FULL FORM	–	YES	–	–
CO	2	Celtis occidentalis	Hackberry	4000	2000	60	as shown	WB	FULL FORM	–	YES	–	–
QR	2	Quercus rubra	Red Oak	4000	2000	60	as shown	WB	FULL FORM	–	YES	–	–
TA	2	Tilia americana	Basswood	4000	2000	60	as shown	WB	FULL FORM	–	YES	YES	–

PLANTING LIST



GENERAL NOTES

- VERIFY ALL DIMENSIONS.
- DO NOT SCALE DRAWINGS.
- REPORT ANY DISCREPANCIES, DISCOVERED ERRORS, OR OMISSIONS TO THE LANDSCAPE ARCHITECT BEFORE PROCEEDING.
- IT IS ADVISED THAT CONTRACTORS CONTACT THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION TO ENSURE THE USE OF THE LATEST REVISED DRAWINGS.
- DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE LANDSCAPE ARCHITECT.

KEYMAP

LEGEND

- PROPOSED DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- PROPOSED SHRUBS AND PERENNIALS
- SODDING
- UNIT PAVING

No.	DATE.	REVISION.	BY.
8.	MAY 15 2024	ISSUED FOR REVIEW	S.V.
7.	MAR 25 2024	REVISED AS PER NEW SITEPLAN	S.V.
6.	NOV 01 2023	ISSUED FOR REVIEW	S.V.
5.	OCT 30 2023	REVISED AS PER NEW SITEPLAN	S.V.
4.	OCT 04 2023	ISSUED FOR REVIEW	S.V.
3.	AUG 21 2023	REVISED AS PER NEW SITEPLAN	S.V.
2.	JULY 31 2023	ISSUED FOR REVIEW	S.V.
1.	JULY 26 2023	ISSUED FOR REVIEW	S.V.

It is the responsibility of the Contractor and/or Owner to ensure that the drawings with the latest revisions are used for construction.

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — SALVATORE VIOLA — MEMBER

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PROJECT.
2650 SHERWOOD HEIGHTS DR
OAKVILLE, ON

DRAWING TITLE.
LANDSCAPE CONCEPT

SCALE.	1:250	PROJECT No.	5938
DATE.	JULY.26.2023		
DRAWN BY.	S.D.	DRAWING No.	L100
CHECKED BY.	S.V.		