

**PAVING SCHEDULE & LEGEND**

PAVERS SUPPLIED BY OAKS OR APPROVED EQUAL.

**NOTE:**  
FINAL COLOUR SELECTION FOR PAVERS TO BE DONE ON SITE FROM SAMPLES BY LANDSCAPE ARCHITECT.

TYPE: (PAVE 'A')	FRONT WALKS	TYPE: (PAVE 'B')	AMENITY AREAS	TYPE: (PAVE 'C')	PERMEABLE PAVERS (VEHICULAR)	TYPE: (PAVE 'D')	LAKESHORE ROAD WEST

**3 PAVING SCHEDULE**

**GENERAL NOTES:**

**MAINTENANCE and ACCEPTANCE:**

- ALL PLANT MATERIAL SHALL BE MAINTAINED BY THE CONTRACTOR IMMEDIATELY AFTER ANY PLANTING HAS BEEN INSTALLED AND SHALL BE CONTINUED 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, BRANCHES AND RUBBER 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 TO BE GUARANTEED FOR LOCAL 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 WEILAND 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 BOULEVARDS.

**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 500mm 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 20mm OVERLAP.
- THE WIRE MESH GUARDS MUST BE 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 "SHOOT" OR APPROVED EQUIVALENT RODENT FORMULA TO BE APPLIED AT THE END OF OCTOBER. FOLLOW MANUFACTURER'S DIRECTIONS FOR APPLICATION.

**UNIT PAVING:**

- PAVERS SHALL BE PRECAST CONCRETE UNIT PAVERS WITH MIN. 5665 M.P.A. (8500 P.S.I.) COMPRESSIVE STRENGTH, AND A WATER ABSORPTION NOT EXCEEDING 1% AND A FRIEZE-TRAW RESISTANCE EQUAL TO C.S.A.-A2-2 (1967).
- SETTING BED SHALL CONSIST OF SAND, CLEAN, COARSE CONCRETE SAND OR APPROVED LIMESTONE, SAND FOR JOINTS SHALL BE A CLEAN, NATURAL GRAVEL, CRUSHED STONE OR ROCK.
- INSTALL GRANULAR BASE AND COMPACT TO A MINIMUM 80% 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 OUT 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.

**CARPENTRY**

- ALL LUMBER SHALL BE No. 1 GRADE WESTERN CEDAR UNLESS OTHERWISE STATED AND SHALL BE STAMPED IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF THE LATEST NLGA STANDARD GRADING RULES.
- PRESSURE TREATED WOOD SHALL BE EITHER PINE, SPRUCE, OR FIR. THIS WOOD SHALL BE PRESSURE TREATED WITH A.C.Q.-B (ALKALINE COPPER QUAT TYPE B) OR OTHER APPROVED WATERBORNE CHEMICAL IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF C.S.A.-A2-2.
- CEGAR LUMBER IS TO BE STAINED WITH ONE COAT SHALL BE FRESHLY CULTIVATED, FREE OF WEEDS, LEAVES, BRANCHES AND RUBBER AND SHALL BE IN A NEAT AND TIDY CONDITION.
- ALL WOOD SHALL BE SELECTED FOR UNIFORM APPEARANCE AND SHALL BE FREE OF SPLITS, CRACKS AND LOOSE AND OPEN KNOTS.
- ALL WOOD SHALL BE DRESSED FOUR SIDES.
- ALL SPIKES AND NAILS SHALL BE "ARDOX" SPIRAL SPIKES.
- ALL SPIKES, NAILS, BOLTS, NUTS AND ANY OTHER METAL FASTENERS AND CONNECTORS SHALL BE HOT DIPPED, GALVANIZED IN ACCORDANCE WITH C.S.A.-G64.
- CONCRETE FOR FOOTINGS SHALL HAVE A COMPRESSIVE STRENGTH OF 20.7 M.P.A. IN 28 DAYS (MIN.).
- MAKE ALL TIMBER CUTS STRAIGHT AND PLUMB TO INSURE A TIGHT BUTTED FLUSH JOINT/PART ALL CUTS TO APPROVED PRESERVATIVE PRIOR TO ASSEMBLY.
- COUNTERSINK ALL BOLTS, NUTS, PLATES, ANCHORS, ETC. IN ORDER TO BE FLUSH WITH WOOD SURFACE AND AS DETAILED.

**PLANTING:**

- PREPARE PLANTING SOIL BY EVENLY MIXING FOUR PARTS SANDY TOPSOIL, ONE PART COMBINED FERTILIZER, ONE PART COMBINED FERTILIZER, ONE PART COMBINED FERTILIZER. 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 LEAF WITH REGARD TO LIST.
- SPRAY ALL PLANTINGS IN SIZE WITH ANTIDECIDUANT. APPROVE TREES WITH STAKES.
- PLANTS ARE TO BE No. 1 NURSERY CROWN, 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 CONTIGUOUS BEDS. DO NOT SOLE BETWEEN PLANTS. EXCAVATE ENTIRE AREA OF SHRUB BED UNIFORM TO SPECIFIED DEPTH AND FILL WITH SPECIFIED PLANTING SOIL.

**TOPSOIL:**

- USE EVENLY MIXED TOPSOIL OF FERTILE, FRAGILE MATERIAL LEAM 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 SUBSOLS, CLAY, STONES, ROOTS, EXCESS WATER, FROST AND OTHER EXTRANEOUS MATTER.

**HYDRO SEEDING:**

- MULCHES ALL DISTURBED AREAS AS WELL AS AREAS INDICATED ON PLANS.
- USE APPROPRIATE SEED MIX IN AREAS AS SPECIFIED. ENSURE THAT AREAS TO BE SEEDS HAVE BEEN CULTIVATED TO A DEPTH OF 25mm AND ARE MOST TO DEPTH OF 150mm BEFORE SEEDING. FINE GRADE AREA FREE OF HUMPS AND HOLLOWAS IF REQUIRED.
- OBTAIN LANDSCAPE ARCHITECT'S APPROVAL OF TOPSOIL GRADE AND DEPTH BEFORE STARTING TO SEED.
- FERTILIZER TO BE 8-32-16 AND TO BE APPLIED AT A RATE OF 300 KG/HECTARE.
- TACKIFIER, IF REQUIRED, TO BE APPLIED AT A RATE OF 88 KG/HECTARE.
- INDICATE AREAS OF TACKIFIER USE TO LANDSCAPE ARCHITECT PRIOR TO APPLICATION.
- APPLY SEED MIX AT A RATE OF 150KG/HECTARE.
- SEEDING TO BE COMPLETED BETWEEN APRIL 1 AND MAY 15 OR BETWEEN AUGUST 15 AND SEPTEMBER 30.

**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 FROM THE MUNICIPALITY MAY, AT THEIR DISCRETION REDISTRIBUTE TREE LOCATIONS, PRIOR TO PLANTING, IN ORDER TO MINIMIZE CONFLICTS WITH UTILITIES, DRIVEWAYS AND INTERSECTION VISIBILITY.

**SODDING:**

- PREPARE A MINIMUM 200mm DEPTH OF TOPSOIL WITH 10-6-4 COMMERCIAL FERTILIZER AT 7.3kg/100sq.m. AND SUPER PHOSPHATE AT 9kg/100sq.m. THE PROPORTIONS SPECIFIED ARE SUBJECT TO ADJUSTMENT DEPENDING ON TOPSOIL ANALYSIS REPORT.
- LAY No. 1 NURSERY SOO ON ALL AREAS OF THE PROJECT NOT COVERED BY BUILDINGS OR PAVING.
- IMMEDIATELY AFTER INSTALLATION, SOO MUST BE WATERED AND ROLLED.

**CONIFEROUS SHRUBS:**

KEY	QUANT	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CALIPER	SPACING	COND.	REMARKS	DT	ON	PO
Key	Quant	Botanical Name	Common Name	Height	Spread	Caliper	Spacing	Cond.	Remarks	DT	ON	PO
TO	08	Thuja occidentalis 'Golden Globe'	Golden Globe cedars	600	-	-	CC	Full Form	-	-	-	-
IG	29	Ilex glabra 'Gem Box'	Gem Box Inkberry	600	-	-	450	CC	Full Form	YES	-	-
Tm	110	Taxus x media 'Hilli'	Hills Yew	700	-	-	750	CC	Full Form	YES	-	-

**PERENNIALS AND ORNAMENTAL GRASS:**

KEY	QUANT	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CALIPER	SPACING	COND.	REMARKS	DT	ON	PO
dt	17	Asclepias tuberosa	Butterfly Milkweed	-	-	-	450	2GAL	Full Form	YES	YES	YES
ep	24	Echinacea purpurea	Purple Coneflower	-	-	-	500	2GAL	Full Form	YES	YES	YES
gm	24	Geranium x 'Rozanne'	Rozanne Cranebill	-	-	-	600	2GAL	Full Form	YES	YES	YES
hg	29	Hemerocallis 'Stella de Oro'	Stella D'Oro Daylily	-	-	-	450	2GAL	Full Form	YES	-	YES
hp	13	Hemerocallis 'Purple D'Oro'	Purple D'Oro Daylily	-	-	-	450	2GAL	Full Form	YES	-	YES
hh	07	Hosta 'Golden Variegated'	Golden Variegated Hosta	-	-	-	500	2GAL	Full Form	YES	-	YES
ht	32	Hosta 'Touch of Class'	Touch of Class Hosta	-	-	-	500	2GAL	Full Form	-	-	-
nv	48	Panicum virgatum	Switch Grass	-	-	-	600	2GAL	Full Form	YES	-	YES
rh	10	Rudbeckia hirta	Black Eyed Susan	-	-	-	450	2GAL	Full Form	YES	YES	YES
ss	22	Schizanthus scarpium	Little Bluestem	-	-	-	750	2GAL	Full Form	YES	YES	YES
sh	07	Sporobolus heterotrius	Prairie Dropseed	-	-	-	500	2GAL	Full Form	YES	YES	YES

**PLANTING NOTES:**

- CHECK ALL QUANTITIES
- REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT
- THE QUANTITIES INDICATED ON THE PLAN SUPERSEDE THE TOTALS OF THE PLANT LIST
- THE LAYOUT OF ALL PLANT MATERIAL IS TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.

**2 PROPOSED PLANT LIST**

**BOULEVARD PLANT LIST (GARDEN DRIVE)**

KEY	QUANT	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CALIPER	SPACING	COND.	REMARKS	DT	ON	PO
AFB	04	Acer x freemontii 'Autumn Blaze' (sterile)	Autumn Blaze maple	4000	2000	60	as shown	WB	FULL FORM	YES	YES	-
COB	02	Celtis occidentalis	Hackberry	4000	2000	60	as shown	WB	FULL FORM	YES	YES	-
FPAB	04	Platanus x acerifolia	London Planetree	3500	1000	60	as shown	WB	FULL FORM	YES	YES	YES
LTB	02	Liriodendron tulipifera	Tulip Tree	4000	2000	60	as shown	WB	FULL FORM	YES	YES	YES
ORB	03	Quercus rubra	Red Oak	4000	2000	60	as shown	WB	FULL FORM	YES	YES	YES

**SITE PLANT LIST**

KEY	QUANT	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CALIPER	SPACING	COND.	REMARKS	DT	ON	PO
AR	05	Acer rubrum	Red Maple	4000	2000	60	as shown	WB	FULL FORM	YES	YES	-
AS	04	Acer saccharum	Sugar Maple	4000	2000	60	as shown	WB	FULL FORM	YES	YES	YES
LT	06	Liriodendron tulipifera	Tulip Tree	4000	2000	60	as shown	WB	FULL FORM	YES	YES	YES
OV	03	Ostrya virginiana	Ironwood	4000	2000	60	as shown	WB	FULL FORM	YES	YES	-

**DECIDUOUS SHRUBS**

KEY	QUANT	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CALIPER	SPACING	COND.	REMARKS	DT	ON	PO
AC	02	Amelanchier canadensis	Serviceberry	1500	-	750	as shown	WB	FULL FORM	YES	YES	YES
CC	05	Cercis canadensis	Eastern Redbud	1500	-	750	as shown	WB	FULL FORM	-	YES	YES
CF	08	Cornus alternifolia	Pagoda Dogwood	1500	-	750	as shown	WB	FULL FORM	-	YES	YES
CK	04	Cornus kousa 'Wolf Eyes'	Wolf Eyes Japanese Dogwood	1500	-	750	as shown	WB	FULL FORM	-	-	YES

**PERENNIALS AND ORNAMENTAL GRASS**

KEY	QUANT	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CALIPER	SPACING	COND.	REMARKS	DT	ON	PO
DI	38	Diervilla lonicera	Bush Honeysuckle	600	-	750	CC	Full Form	YES	YES	YES	YES
hp	16	Hieracium minimum	Pat O Gold	600	-	750	CC	Full Form	YES	YES	YES	YES
hp	24	Hydrangea paniculata 'Little Lime Punch'	Little Lime Punch Hydrangea	700	-	750	CC	Full Form	YES	YES	YES	YES
Ro	12	Rhus aromatica 'Gro-Low'	Gro Low Sumac	600	-	900	CC	Full Form	YES	YES	-	YES
Sj	25	Spiraea japonica 'Lemon Princess'	Lemon Princess Spiraea	600	-	750	CC	Full Form	-	-	-	YES
Sa	27	Symphoricarpos albus	Snowberry	600	-	750	CC	Full Form	YES	YES	YES	YES

DT DROUGHT TOLERANT  
ON ONTARIO NATIVE  
PO POLLINATOR

**TREE PLANTING**  
A MINIMUM HORIZONTAL CLEARANCE OF 1.2 m IS RECOMMENDED BETWEEN THE EDGE OF THE ROOT BALL OR OPEN BOTTOM CONTAINER AND ADJACENT EDGE OF THE EXISTING GAS INFRASTRUCTURE. IN CASES WHERE THE RECOMMENDED CLEARANCE CANNOT BE ACHIEVED, A MINIMUM CLEARANCE OF 0.6 m CAN BE PERMITTED PROVIDED A ROOT DEFLECTOR IS INSTALLED ON THE SIDES OF THE ROOT BALL. REFER TO SECTION 3.8 IN THE THIRD PARTY REQUIREMENTS IN VICINITY OF NATURAL GAS FACILITIES.

**VERTICAL AND HORIZONTAL CLEARANCE REQUIREMENTS:**

ENBRIDGE GAS DISTRIBUTION STRUCTURE	VERTICAL DIST.	HORIZONTAL DIST.
GAS MAINS LESS THAN 12" Ø - OPEN TRENCH/HYDROVAC METHOD	300mm*	600mm
GAS MAINS LESS THAN 12" Ø - NON-CERAMON VITALLIUM - DIRECTIONAL DRILLING/BORING/MICRO TRENCH METHOD	300mm*	1000mm
CER PIPELINES AND VITAL MAINS - OPEN TRENCH/HYDROVAC METHOD	600mm	600mm
GAS MAIN 12" Ø AND GREATER, CER PIPELINES AND VITAL MAINS - DIRECTIONAL DRILLING/BORING/MICRO TRENCH METHOD	1000mm	1000mm
REGULATOR STATIONS	-	1000mm

**NOTE:** CLEARANCE MUST BE FROM THE ADJACENT EDGE OF THE GAS INFRASTRUCTURE TO THE EDGE OF ANY PROPOSED STRUCTURE  
\*CLEARANCE TO BE DETERMINED ON A CASE BY CASE BASIS  
\*\*LANDSCAPING IS REQUIRED WHEN CROSSING GAS MAIN

**GAS MAINS TO BE FIELD LOCATED CALL FOR GAS LOCATES BEFORE YOU DIG ONTARIO ONE CALL 1-800-400-2255 FREE LOCATE SERVICE**

**ENBRIDGE GAS DISTRIBUTION**  
CONFLICT YES NO X  
BEFORE DIGGING ENBRIDGE GAS MAINS/SERVICES MUST BE LOCATED ON SITE. CALL ONTARIO ONE CALL (1-800-400-2255) 5 DAYS IN ADVANCE.

TEST HOLES ARE REQUIRED TO DETERMINE ACTUAL LOCATION OF GAS MAINS. MARK UPS (mark-ups@enbridge.com) MUST BE CONTACTED IF THE MINIMUM HORIZONTAL AND VERTICAL CLEARANCES FROM OUR GAS MAIN CANNOT BE MET. AS REFERENCED IN THE ATTACHED "THIRD PARTY REQUIREMENTS IN THE VICINITY OF NATURAL GAS FACILITIES" DOCUMENT.

**STANDARD NOTE PRIVATE PROPERTY**  
Enbridge Gas Distribution does not provide information regarding gas infrastructure in Private Properties. We suggest that a field locate be performed through Ontario One Call (1-800-400-2255). If further details are still required, it is suggested that test holes be performed by an outside party in order to determine the actual gas infrastructure.

**1 LANDSCAPE GENERAL NOTES**

