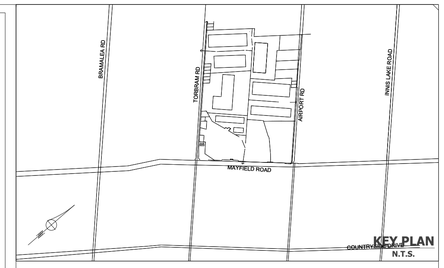
TOWN OF CALEDON
PLANNING
RECEIVED
November 14, 2023



LEGEND

- Site Entrances - Plantings will be designed to ensure visibility is not hampered. Rockery stones will be considered in design. All signage will have foundation shrub plantings.
- Building Frontage - Trees and shrubs will be grouped to frame building. A variety of shrub species will be used to soften building foundations.
- Landscape Buffers between Parking Areas and Roads - Buffers will provide screening with plant materials. A diversity of hard and softscape elements will be incorporated into these areas. Landforms with max 3:1 slopes will be incorporated to reduce visibility of parking areas and will include decorative elements and plantings.
- Major Roadways – Deciduous trees at one tree per 10 lin.m of frontage, coniferous trees at one tree per 20 lin.m of frontage and 2 shrubs per lin.m of frontage. Perennial and bulb plantings will also be incorporated.
- Interior Side Lots – Tree plantings will be provided unless restricted by swales, fencing or parking areas.
- Internal Streetscapes – Internal roads will include smaller flowering trees set back 3m from the curb and larger caliper trees staggered with smaller trees on both sides of road. Trees under utility lines will have a maximum height of 7.5m and will be planted at a minimum distance of 7m from any hydro poles.
- Storm Pond – Plans will be directed by TRCA requirements and guidelines. A minimum of 75% caliper trees shall be provided. Town trail, signage and fencing requirements will be incorporated.
- EPA Blocks – Areas is currently under review. Restoration and compensation plantings will be provided as directed by the TRCA in accordance with their guidelines and requirements.
- Area Adjacent to Residential Lots on Torbram - Heavily landscaped, 20 m wide, berm will be provided with primarily coniferous plantings. To be located along Torbram Road and along rear lots.
- Naturalization Buffers to Blocks 11, 15, 9 – Buffer plantings will be provided as directed by TRCA requirements and guidelines. Plantings will be designed to complement adjacent natural areas. Buffer width and final locations to be determined.
- Parking Lot Plantings – Landscaped islands will be planted where feasible. Plantings will be designed to complement foundation planting of adjacent buildings and adjacent natural areas. Native drought and salt tolerant plant species will be utilized.

NOTES:
Detailed Landscape Plans for each building, naturalization buffer, EPA and SWM Pond will be developed at Site Plan Application Phase.

No.	REVISION	DATE	BY
5			
4			
3			
2			
1	ISSUED FOR REVIEW	2023-11-10	NC

RICE GROUP

GEI Consultants

TULLAMORE EMPLOYMENT LANDS

CONCEPT PLANTING PLAN

DESIGNED BY: NC	CHECKED BY: NC/SL	PROJECT No.: 2100975	
DRAWN BY: JW/NC	DATE: 10 November 2023	DRAWING No.: L-01	
SCALE: 1:4000	0 20 50 100 200m		

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INTERNAL STREETSCAPE TREES

DECIDUOUS TREES

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION
AR	*Acer rubrum*	Red Maple	70 mm CAL.	B&B
AK	*Acer rubrum* 'Karpick'	Karpick Red Maple	70 mm CAL.	B&B
AS	*Acer saccharum*	Sugar Maple	70 mm CAL.	B&B
AG	*Aesculus glabra*	Ohio Buckeye	50 mm CAL.	B&B
AM	*Amelanchier grandiflora* 'Autumn Brilliance'	Autumn Brilliance Serviceberry	50 mm CAL.	B&B
CB	*Carpinus betulus* 'Fastigiata'	Pyramidal European Hornbeam	70 mm CAL.	B&B
CO	*Celtis occidentalis*	Hackberry	70 mm CAL.	B&B
GT	*Gleditsia triacanthos*	Honey Locust	70 mm CAL.	B&B
GD	*Gymnocladus dioicus* 'Espresso-JDS'	Espresso Kentucky Coffee Tree	70 mm CAL.	B&B
LT	*Liriodendron tulipifera*	Tulip Tree	70 mm CAL.	B&B
OV	*Ostrya virginiana*	Ironwood	50 mm CAL.	B&B
QM	*Quercus macrocarpa*	Bur Oak	70 mm CAL.	B&B
TA	*Tilia americana*	Basswood	70 mm CAL.	B&B
UA	*Ulmus americana* 'Lewis & Clark'	Prairie Expedition American Elm	50 mm CAL.	B&B
UH	*Ulmus x* 'Homestead'	Homestead Elm	70 mm CAL.	B&B
UF	*Ulmus x* 'Frontier'	Frontier Elm	50 mm CAL.	B&B

AREA ADJACENT TO RESIDENTIAL LOTS ON TORBRAM

CONIFEROUS TREES

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
PS	*Pinus strobus*	White Pine	200 cm Height	B&B	5 m O.C.
PG	*Picea glauca*	White Spruce	200 cm Height	B&B	5 m O.C.
JV	*Juniperus virginiana*	Eastern Red Cedar	200 cm Height	B&B	5 m O.C.
TO	*Thuja occidentalis*	Eastern White Cedar	200 cm Height	B&B	5 m O.C.

DECIDUOUS TREES

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
ASA	*Acer saccharinum*	Silver Maple	7-15 Gallon	Potted	5 m O.C.
AM	*Amelanchier grandiflora* 'Autumn Brilliance'	Autumn Brilliance Serviceberry	7-15 Gallon	Potted	5 m O.C.
OV	*Ostrya virginiana*	Ironwood	7-15 Gallon	Potted	5 m O.C.
QR	*Quercus rubra*	Red Oak	7-15 Gallon	Potted	5 m O.C.
TA	*Tilia americana*	Basswood	7-15 Gallon	Potted	5 m O.C.

SHRUBS

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
AI	*Amelanchier laevis*	Smooth Serviceberry	75-100 cm ht	2 gal potted	1 m O.C.
Ca	*Cornus alternifolia*	Alternate-Leaved Dogwood	75-100 cm ht	2 gal potted	1 m O.C.
Cs	*Cornus sericea*	Red Osier Dogwood	75-100 cm ht	2 gal potted	1 m O.C.
Cr	*Cornus racemosa*	Gray Dogwood	75-100 cm ht	2 gal potted	1 m O.C.
DI	*Diervilla lonicera*	Bush Honeysuckle	40-75 cm ht	1 gal potted	1 m O.C.
Pv	*Prunus virginiana*	Chokecherry	60-80 cm ht	1 gal potted	1 m O.C.
Rc	*Ribes cynosbati*	Prickly Gooseberry	40-75 cm ht	1 gal potted	1 m O.C.
Ri	*Rubus idaeus spp. strigosus*	North American Red Raspberry	40-75 cm ht	1 gal potted	1 m O.C.
Ro	*Rubus occidentalis*	Blackberry	40-75 cm ht	1 gal potted	1 m O.C.
Vl	*Viburnum lentago*	Nannyberry Viburnum	40-75 cm ht	1 gal potted	1 m O.C.

TOWN OF CALEDON
PLANNING
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PLANT SPECIES FOR SITE ENTRANCES, BUILDING FRONTAGE, AND LANDSCAPE BUFFERS BETWEEN PARKING AREAS AND ALONG MAJOR ROADWAYS, AND BETWEEN SIDE LOTS

CONIFEROUS TREES

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION
PS	*Pinus strobus*	White Pine	200 cm Height	B&B
PG	*Picea glauca*	White Spruce	200 cm Height	B&B
JV	*Juniperus virginiana*	Eastern Red Cedar	200 cm Height	B&B
TO	*Thuja occidentalis*	Eastern White Cedar	200 cm Height	B&B

DECIDUOUS TREES

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION
AF	*Acer x freemanii*	Freeman's Maple	70 mm CAL.	B&B
AR	*Acer rubrum*	Red Maple	70 mm CAL.	B&B
ASA	*Acer saccharinum*	Silver Maple	70 mm CAL.	B&B
AG	*Aesculus glabra*	Ohio Buckeye	50 mm CAL.	B&B
AM	*Amelanchier grandiflora* 'Autumn Brilliance'	Autumn Brilliance Serviceberry	50 mm CAL.	B&B
CB	*Carpinus betulus* 'Fastigiata'	Pyramidal European Hornbeam	70 mm CAL.	B&B
CO	*Celtis occidentalis*	Hackberry	70 mm CAL.	B&B
GT	*Gleditsia triacanthos*	Honey Locust	70 mm CAL.	B&B
GD	*Gymnocladus dioicus* 'Espresso-JDS'	Espresso Kentucky Coffee Tree	70 mm CAL.	B&B
LT	*Liriodendron tulipifera*	Tulip Tree	70 mm CAL.	B&B
OV	*Ostrya virginiana*	Ironwood	50 mm CAL.	B&B
PO	*Platanus occidentalis*	Sycamore	70 mm CAL.	B&B
QM	*Quercus macrocarpa*	Bur Oak	70 mm CAL.	B&B
QR	*Quercus rubra*	Red Oak	70 mm CAL.	B&B
TA	*Tilia americana*	Basswood	70 mm CAL.	B&B
UH	*Ulmus x* 'Homestead'	Homestead Elm	70 mm CAL.	B&B

SHRUBS

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
AI	*Amelanchier laevis*	Smooth Serviceberry	80 cm ht	2 gal potted	1.5 m O.C.
Ca	*Cornus alternifolia*	Alternate-Leaved Dogwood	80 cm ht	2 gal potted	1.5 m O.C.
Cs	*Cornus sericea*	Red Osier Dogwood	50 cm ht	1 gal potted	1.5 m O.C.
Cr	*Cornus racemosa*	Gray Dogwood	50 cm ht	1 gal potted	1.5 m O.C.
DI	*Diervilla lonicera*	Bush Honeysuckle	50 cm ht	1 gal potted	1 m O.C.
Hp	*Hypericum prolificum*	Shrubby St. John's Wort	50 cm ht	1 gal potted	1 m O.C.
Hk	Hypericum kalmianum	Kalm's St John's Wort	50 cm ht	1 gal potted	1 m O.C.
Jc	*Juniperus communis* 'Green Carpet'	Green Carpet Juniper	50 cm ht	1 gal potted	1.5 m O.C.
Js	*Juniperus sabina*	Savin Juniper	50 cm ht	1 gal potted	1.5 m O.C.
Po	*Physocarpus opulifolius*	Common Ninebark	80 cm ht	2 gal potted	1.5 m O.C.
Pf	*Potentilla fruticosa*	Shrubby Cinquefoil	50 cm ht	1 gal potted	1 m O.C.
Ri	*Rubus odoratus*	Purple-Flowering Raspberry	50 cm ht	1 gal potted	1 m O.C.
Ra	*Rhus armoatica*	Fragrant Sumac	50 cm ht	1 gal potted	1 m O.C.
Ral	*Rhus armoatica* 'Low Gro'	Low Gro Fragrant Sumac	50 cm ht	1 gal potted	1 m O.C.
Rt	*Rhus typhina*	Staghorn Sumac	80 cm ht	2 gal potted	1.5 m O.C.
Tc	*Taxus cuspidata* 'Densiformis'	Dense Spreading Yew	50 cm ht	2 gal potted	1 m O.C.
Vl	*Viburnum lentago*	Nannyberry Viburnum	80 cm ht	2 gal potted	1.5 m O.C.

PERENNIALS/GRASSES

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING
Am	*Achillea millefolium*	Common Yarrow	6 inch pot	15 cm O.C.
Ag	*Andropogon gerardii* 'Red October'	Red October Big Bluestem	6 inch pot	60 cm O.C.
As	*Asclepias tuberosa*	Butterfly Milkweed	6 inch pot	30 cm O.C.
An	*Aster novae-angliae*	New England Aster	6 inch pot	30 cm O.C.
Am	*Aster macrophyllus*	Bigleaf Aster	6 inch pot	15 cm O.C.
Ab	*Amsonia* 'Blue Ice'	Blue Star Amsonia	6 inch pot	30 cm O.C.
Ep	*Echinacea purpurea*	Purple Coneflower	6 inch pot	15 cm O.C.
Hr	*Hemerocallis* 'Happy Returns'	Happy Returns Day Lily	6 inch pot	30 cm O.C.
Ha	*Hosta* 'Aureomarginata'	Aureomarginata Hosta	6 inch pot	60 cm O.C.
Pv	*Panicum virgatum*	Switch Grass	6 inch pot	60 cm O.C.
Pd	*Penstemon digitalis*	Foxglove Beardtongue	6 inch pot	30 cm O.C.
Rh	*Rudbeckia hirta*	Black Eyed Susans	6 inch pot	30 cm O.C.
Ss	*Schizachyrium scoparium*	Little Blue stem	6 inch pot	60 cm O.C.
Se	*Sedum* 'Autumn Fire'	Autumn Fire Sedum	6 inch pot	30 cm O.C.

STORMWATER MANAGMENT POND, NATURALIZATION BUFFERS, AND EPAs

DECIDUOUS TREES

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
AF	*Acer x freemanii*	Freeman's Maple	3 Gallon	Potted	5 m O.C.
AS	*Acer saccharum*	Sugar Maple	3 Gallon	Potted	5 m O.C.
ASA	*Acer saccharinum*	Silver Maple	3 Gallon	Potted	5 m O.C.
AR	*Acer rubrum*	Red Maple	3 Gallon	Potted	5 m O.C.
QM	*Quercus macrocarpa*	Bur Oak	3 Gallon	Potted	5 m O.C.
QR	*Quercus rubra*	Red Oak	3 Gallon	Potted	5 m O.C.
PS	*Prunus serotina*	Black Cherry	3 Gallon	Potted	5 m O.C.
PB	*Populus balsamifera*	Balsam Poplar	3 Gallon	Potted	5 m O.C.
PT	*Populus tremuloides*	Trembling Aspen	3 Gallon	Potted	5 m O.C.
CO	*Carya ovata*	Shagbark Hickory	3 Gallon	Potted	5 m O.C.
CC	*Carya cordiformis*	Bitternut Hickory	3 Gallon	Potted	5 m O.C.
SL	*Salix lucida*	Shining Willow	3 Gallon	Potted	5 m O.C.
SN	*Salix nigra*	Black Willow	3 Gallon	Potted	5 m O.C.
SA	*Salix amygdaloides*	Peach-leaved Willow	3 Gallon	Potted	5 m O.C.

CONIFEROUS TREES

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
LI	*Larix laricina*	Tamarack	3 Gallon	Potted	5 m O.C.
PS	*Pinus strobus*	White Pine	3 Gallon	Potted	5 m O.C.
PG	*Picea glauca*	White Spruce	3 Gallon	Potted	5 m O.C.
TO	*Thuja occidentalis*	Eastern White Cedar	3 Gallon	Potted	5 m O.C.

SHRUBS

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
Cs	*Cornus sericea*	Red Osier Dogwood	75-100 cm ht	2 gal potted	1 m O.C.
Cr	*Cornus racemosa*	Gray Dogwood	75-100 cm ht	2 gal potted	1 m O.C.
Ca	*Cornus alternifolia*	Alternate Leaved Dogwood	75-100 cm ht	2 gal potted	1 m O.C.
Pv	*Prunus virginiana*	Chokecherry	60-80 cm ht	1 gal potted	1 m O.C.
Vl	*Viburnum lentago*	Nannyberry	40-75 cm ht	1 gal potted	1 m O.C.
As	*Amelanchier spp.*	Serviceberry	40-75 cm ht	1 gal potted	1 m O.C.
DI	*Diervilla lonicera*	Bush Honeysuckle	40-75 cm ht	1 gal potted	1 m O.C.
Am	*Aronia melanocarpa*	Black Chokeberry	40-75 cm ht	1 gal potted	1 m O.C.
Iv	*Ilex verticillata*	Common Winterberry	40-75 cm ht	1 gal potted	1 m O.C.
Sc	*Sambucus canadensis*	Common Elderberry	40-75 cm ht	1 gal potted	1 m O.C.
Sd	*Salix discolor*	Pussy Willow	40-75 cm ht	1 gal potted	1 m O.C.
Sr	*Sambucus racemosa ssp. pubens*	Sandbar Willow	40-75 cm ht	1 gal potted	1 m O.C.
Se	*Salix exigua*	Red Elderberry	40-75 cm ht	1 gal potted	1 m O.C.
Sl	*Salix lucida*	Shining Willow	40-75 cm ht	1 gal potted	1 m O.C.
Sa	*Salix amygdaloides*	Peach-leaved Willow	40-75 cm ht	1 gal potted	1 m O.C.
Sp	*Salix petiolaris*	Slender Willow	40-75 cm ht	1 gal potted	1 m O.C.
Sb	*Salix bebbiana*	Bebb's Willow	40-75 cm ht	1 gal potted	1 m O.C.
Sc	*Salix candida*	Sage-leaved/Hoary Willow	40-75 cm ht	1 gal potted	1 m O.C.
Sal	*Spirea alba*	Narrow-leave Meadowsweet	40-75 cm ht	1 gal potted	1 m O.C.
Sn	*Salix nigra*	Black Willow	40-75 cm ht	1 gal potted	1 m O.C.
Rt	*Rhus typhina*	Staghorn Sumac	40-75 cm ht	1 gal potted	1 m O.C.
Co	*Cephalanthus occidentalis*	Common Buttonbush	40-75 cm ht	1 gal potted	1 m O.C.
Po	*Physocarpus opulifolius*	Common Ninebark	40-75 cm ht	1 gal potted	1 m O.C.
Ai	*Alnus incana spp. ranus*	Speckled Alder	40-75 cm ht	1 gal potted	1 m O.C.

AQUATIC - SUBMERGENT

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
ec	*Elodea canadensis*	Common Waterweed	--	plug	
cd	*Ceratophyllum demersum*	Coontail	--	plug	
va	*Vallisneria americana*	Tape Grass	--	plug	
mm	*Milfoil Myriophyllum sibiricum*	Northern Water	--	plug	
ch	*Callitriche hermaphroditica*	Water Starwort	--	plug	
pp	*Potamogeton pusillus*	Slender/Small Pondweed	--	plug	

AQUATIC - FLOATING

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
no	*Nymphea odorata*	White Water Lily	--	plug	
pn	*Potamogeton natans*	Floating Pondweed	--	plug	
pa	*Potamogeton amplifolius*	Large-leaved Pondweed	--	plug	
nv	*Nuphar variegatum*	Yellow Pond Lily	--	plug	

AQUATIC - ROBUST EMERGENT

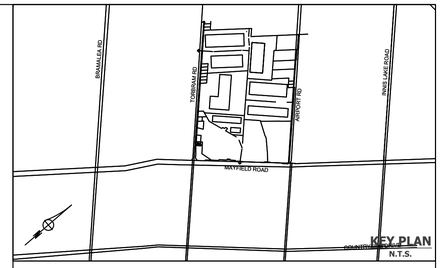
KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
tl	*Typha latifolia*	Common Cattail	--	plug	
ss	*Scirpus spp.*	Bulrush	--	plug	

AQUATIC - BROADLEAVED EMERGENT

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
sl	*Sagittaria latifolia*	Broadleaved Arrowhead	--	plug	
ap	*Alisma plantagoaquatica*	Common Water Plantain	--	plug	

AQUATIC - NARROWLEAVED EMERGENT

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	SPACING
sps	*Sparganium spp.*	Burreed	--	plug	
ls	*Leersia spp.*	Grasses	--	plug	
cs	*Carex spp.*	Sedges	--	plug	



LEGEND

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1	ISSUED FOR REVIEW	2023-11-10	NC

RICE GROUP

GEI Consultants

TULLAMORE EMPLOYMENT LANDS

PLANT LISTS

DESIGNED BY: NC	CHECKED BY: NC/SL	PROJECT No.: 1901520	
DRAWN BY: JW/NC	DATE: 10 November 2023	DRAWING No.: L-02	
SCALE:			

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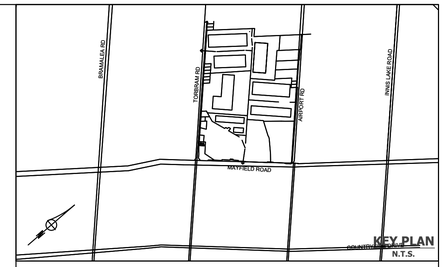
GENERAL NOTES:

1. ALL UNPAVED AREAS ARE TO BE SODDED IF NOT GARDENS.
2. A ONE-METER STRIP OF SOD SHALL BE APPLIED NEXT TO ALL CURBS AND WALKWAYS THAT ARE NOT HIGH-PROFILE LANDSCAPE AREAS.
3. WOOD BOARD FENCES SHALL BE USED TO SCREEN AND DELINEATE PROPERTY BOUNDARIES.
4. BLACK VINYL CHAIN LINK FENCES SHALL BE USED ALONG THE NATURAL HERITAGE SYSTEM. SOFTSCAPE PLANTINGS WILL BE INCLUDED ALONG THESE FENCES TO SOFTEN THEM.
5. LANDSCAPING AND FENCING WILL AIM TO DEFINE CIRCULATION ROUTES, SCREEN UNATTRACTIVE VIEWS, PROVIDE BUFFERS AND TRANSITIONAL AREAS, AND CONTROL EROSION. IT WILL ALSO BE DESIGNED TO DIRECT ATTENTION, PROVIDE FOCAL POINTS, AND CREATE INTERESTED YEAR-ROUND.
6. EXISTING VEGETATION FOR PRESERVATION WILL BE CONSIDERED AND INCORPORATED INTO THE LANDSCAPE PLAN WHERE POSSIBLE.
7. NATIVE DECIDUOUS TREES AND SHRUBS WILL BE PLANTED WHERE SWALES MEET PUBLIC STREETS.



LEGEND

GENERAL NOTES - LANDSCAPING

NOTE 1
DEPICTED ON THIS PLAN ARE THE SPECIES AND THE APPROXIMATE LOCATION OF STREET TREE. ONCE DRIVEWAYS, UTILITIES AND LIGHT STANDARDS HAVE BEEN INSTALLED, THE EXACT LOCATION OF STREET TREES WILL BE DETERMINED ON SITE BY THE LANDSCAPE CONSULTANT AND APPROVED BY THE MUNICIPALITY PRIOR TO PLANTING.

NOTE 2
MINIMUM CLEARANCES FOR STREET TREES (WHEN TREES ARE PLANTED 1.5M FROM THE CURB)
2M FROM WATER HYDRANTS
2M FROM SIGN STANDARDS
2M FROM NEIGHBOURHOOD MAILBOXES
3M FROM HYDRO TRANSFORMERS
5M FROM STREETLIGHTS
15M MINIMUM FROM STREET LINE (STREET INTERSECTION AS MEASURED FROM BACK OF CURB) AND BEHIND THE DAYLIGHT TRIANGLE AS PER THE GEOMETRIC DESIGN STANDARDS FOR ONTARIO HIGHWAYS
18M FROM FACE OF ALL WARNING AND REGULATORY SIGNS

NOTE 3
THE TREE PITS AND PLANTING BEDS FOR ALL TREES AND SHRUBS LOCATED WITHIN 1 METRE OF UNDERGROUND UTILITIES ARE TO BE HAND DUG.

TOWN OF CALEDON						APP'D	C.C.	DATE: APRIL 2000
GENERAL LANDSCAPING NOTES	2	TEXT REVISION, STD103 NOW 700			JAN 18	DRAWN: BJM		SCALE: NTS
	1	STANDARD No. 130 NOW 103			JUNE 08			
	NO.	REVISION		APP'D	DATE	STANDARD No. 700		

SPECIFICATIONS

A. GENERAL

i) These Specifications are to be read in conjunction with the General Conditions of the contract, as prepared by and available at the offices of _____.

ii) Prior to commencing work, the Contractor shall:
1. Become familiar with the plans, details, and specifications of this project,
2. Visit the site to ascertain and take account of existing conditions and any deviations from the plans in work by others, and
3. Finalize all design alternatives in consultation with the Landscape Architect.

iii) Prior to excavating, the Contractor shall verify the location of all underground utilities. In the event of a conflict between a proposed tree location and an underground service, the exact location of the tree shall be determined on site by the landscape architect and/or the Town's representative.

iv) The Contractor shall, at his or her own expense, repair any damage to existing utilities, structures, facilities, etc. done in the performance of his work.

v) All site work shall conform to the *Canadian National Master Construction Specifications*, a copy of which can be obtained from Construction Specifications Canada, 120 Lombard St., Suite 200, Toronto, Ontario M5C 1M3; Tel. (416) 777-2198; Fax (416) 777-2197. It is the responsibility of the Contractor to be thoroughly familiar with these specifications and their implications for this project.

B. PLANT MATERIAL

i) All plants shall be installed true to specified names, sizes, grades, etc., and shall conform to the standards of the Canadian Nursery Landscapes Association.

ii) All plants shall be nursery grown in a hardiness zone appropriate to site conditions, as published by Agriculture Canada, titled 'Map of Plant Hardiness Zones in Canada'.

iii) In the event of a discrepancy in plant quantity between the Planting Plan and the Plant List, the Planting Plan shall govern.

iv) The Contractor shall make plants available for inspection by the Landscape Architect and/or the Town's representative prior to shipping to the site. This does not limit the right of the Landscape Architect and/or the Town's representative to later reject plant material that is of poor quality, damaged during shipping or installation, performing poorly while the guarantee period is still in effect, or otherwise does not conform to the specifications.

v) Plant substitutions must be approved in writing by the Town and the Landscape Architect prior to delivery of the material to the site. All substitutions shall be recorded on the as-recorded drawings and planting chart.

vi) The Contractor shall use standard industry methods for planting trees and shrubs. Trees shall be turned to give the best appearance; they shall also be guyed or staked immediately after planting and as detailed on the drawings.

specifications continued on next panel . . .

TOWN OF CALEDON						APP'D	C.C.	DATE: JUNE 08
STREETSCAPE SPECIFICATIONS STANDARD NOTES PART 1	3	STANDARD No. 712 NOW 701			JUNE 08	DRAWN: abal		SCALE: NTS
	2	STANDARD No. 1170.01 NOW 712			JUNE 08			
	1	CHANGES TO NOTES VI & VII.			MARCH 08			
	NO.	REVISION		APP'D	DATE	STANDARD No. 701		

SPECIFICATIONS *continued from previous panel*

C. BED PREPARATION

i) The Contractor shall scarify the sides and bottom of excavated tree pits and shrub beds prior to backfilling, in areas with heavy clay soils, tree and planting beds shall be backfilled to the specified depths with:

2 Parts "triple mix," delivered to the site, to be well-mixed with . . ,
1 Part local topsoil (viz., subdivision topsoil that has been removed and stockpiled.) If topsoil is unavailable, topsoil with clay content shall be imported and mixed with triple mix.

ii) Tree pits shall be constructed with saucers and mulch as detailed.

D. PRELIMINARY ACCEPTANCE

i) When landscaping is completed, the Consulting Landscape Architect shall submit a Certificate of Completion for preliminary acceptance to the Town of Caledon certifying that all landscape works have been 100% completed in accordance with the approved plans.

ii) The Consulting Landscape Architect shall prepare a Summary Chart, indicating the plant species, quantity, location, planting date(s), and any other relevant information, as requested by the Municipality.

iii) Upon receipt of the Certificate of Completion,Town Staff will conduct a preliminary inspection of the site and, provided that the works are in satisfactory condition, will grant preliminary acceptance of the landscaping.

E. INTERIM ACCEPTANCE

i) One year after Preliminary Acceptance is granted by the Town, the Consulting Landscape Architect shall submit a Certificate of Completion for Interim Acceptance to the Town of Caledon certifying that all maintenance requirements as outlined in Section I and in accordance with the approved plans have been completed.

ii) The Consulting Landscape Architect shall update the Summary Chart, indicating any modifications to approved substitutions, maintenance information, and any other relevant information as requested by the Municipality.

iii) Upon the receipt of the Certification of Completion, Town Staff will conduct an interim inspection of the site and, provided the works are in satisfactory condition, will grant Interim Acceptance of the landscaping.

F. GUARANTEE

i) All streetscape landscaping shall carry a guarantee/maintenance of **TWO** (2) years, commencing from the date that written preliminary acceptance is granted by the Town of Caledon. In each of the next two years, the Consulting Landscape Architect shall conduct an inspection and prepare a report, recommending the replacements and/or works needed to achieve the intent of the approved landscape plan. All replacements shall be recorded in the inspection Summary Chart. The Consulting Landscape Architect shall file a copy of the report and/or Summary Chart with the Municipality.

specifications continue on next panel . . .

TOWN OF CALEDON						APP'D	C.C.	DATE: JUNE 08
STREETSCAPE SPECIFICATIONS STANDARD NOTES PART 2	2	STANDARD No. 713 NOW 702			JAN 18	DRAWN: abal		SCALE: NTS
	1	STANDARD No. 1170.02 NOW 713			JUNE 08			
	NO.	REVISION		APP'D	DATE	STANDARD No. 702		

SPECIFICATIONS *continued from previous panel*

ii) Replacement plant material and repaired work shall be guaranteed for a minimum **TWO** (2) years from the date of replacement, and will not be granted final acceptance until the guarantee has expired or as otherwise determined by Town Staff.

G. MAINTENANCE

i) The maintenance of all landscape installations throughout the guarantee period shall include but not limited to the following:

1) proper irrigation to ensure optimum growth of trees and shrubs,
2) cultivation and weeding of tree pits and planting beds,
3) insect and disease control, and
4) pruning and fertilizing, as required or as directed by the Municipality or Consulting Landscape Architect.
5) replace all dead plant materials as identified by the Municipality.

H. CERTIFICATE OF ASSUMPTION

i) At the end of the guarantee period, the Contractor shall remove all tree stakes, and bark wrap, and shall add extra mulch where necessary. And/Or additional items as directed by the Municipality.

ii) When these final tasks have been completed, the Consulting Landscape Architect will provide the Town with all items as outlined in the Development Standards. All landscape work will then be inspected by the Municipality and, if satisfied that all work has been completed in accordance with the approved landscape plans, will issue a Certificate of Assumption and release any outstanding funds.

end of specifications

I. Additional Notes:

Refer to the most recent version of the Development standards for any additional requirements and submission items.

SPECIFICATIONS

A. GENERAL

i) These Specifications are to be read in conjunction with the General Conditions of the contract, as prepared by and available at the offices of _____.

ii) Prior to commencing work, the Contractor shall:
1. Become familiar with the plans, details, and specifications of this project.
2. Visit the site to ascertain and take account of existing conditions and any deviations from the plans in work by others, and
3. Finalize all design alternatives in consultation with the Consulting Landscape Architect.

iii) Prior to excavating, the Contractor shall verify the location of all underground utilities. In the event of a conflict between a proposed tree location and an underground service, the exact location of the tree shall be determined on site by the Consulting Landscape Architect and/or the Town's representative.

iv) The Contractor shall, at his or her own expense, repair any damage to existing utilities, structures, facilities, etc. done in the performance of his work.

v) All site work shall conform to the *Canadian National Master Construction Specifications*, a copy of which can be obtained from Construction Specifications Canada, 31 Adelaide Street East P.O Box 36, Toronto M5C 2H8; Tel: 1-844-427-2867; Email: admin@cscitoronto.ca. It is the responsibility of the Contractor to be thoroughly familiar with these specifications and their implications for this project.

B. PLANT MATERIAL

i) All plants shall be installed true to specified names, sizes, grades, etc., and shall conform to the standards of the Canadian Nursery Landscapes Association.

ii) All plants shall be nursery grown and sourced from a hardiness zone appropriate to site conditions, as published by Agriculture Canada, titled 'Map of Plant Hardiness Zones in Canada'.

iii) In the event of a discrepancy in plant quantity between the Planting Plan and the Plant List, the Planting Plan shall govern.

iv) The Contractor shall make plants available for inspection by the Consulting Landscape Architect and/or the Town's representative prior to shipping to the site. This does not limit the right of the Consulting Landscape Architect and/or the Town's representative to later reject plant material that is of poor quality, damaged during shipping or installation, performing poorly while the guarantee period is still in effect, or otherwise does not conform to the specifications.

v) Plant substitutions must be approved in writing by the Town and the Consulting Landscape Architect prior to delivery of the material to the site. All substitutions shall be recorded on the as-recorded drawings and planting chart.

vi) The Contractor shall use standard industry methods for planting trees and shrubs. Trees shall be turned to give the best appearance if adjacent to streets or pathways. They shall also be guyed or staked immediately after planting and as detailed on the drawings.

specifications continued on next panel . . .

TOWN OF CALEDON						APP'D	C.C.	DATE: JUNE 08
NATURALIZATION SPECIFICATIONS STANDARD NOTES PART 1	2	STANDARD No. 715 NOW 704			JUNE 18	DRAWN: abal		SCALE: NTS
	1	NOTES EDIT, STANDARD No. 1175.01 NOW 715			JUNE 08			
	NO.	REVISION		APP'D	DATE	STANDARD No. 704		

SPECIFICATIONS *continued from previous panel*

C. BED PREPARATION

i) The Contractor shall scarify the sides and bottom of excavated tree pits and shrub beds prior to backfilling. Due to the heavy clay soil in the Bolton area, tree and planting beds shall be backfilled to the specified depths with:

2 Parts "triple mix," delivered to the site, to be well-mixed with . . ,
1 Part local topsoil (viz., subdivision topsoil that has been removed and stockpiled.) If topsoil is unavailable, topsoil with clay content shall be imported and mixed with triple mix.

ii) Tree pits shall be constructed with saucers and mulch as detailed.

D. TOPSOIL AND FINE GRADING

i) The Contractor shall place 100mm of rich topsoil on approved subgrades. Topsoil shall be imported when insufficient amounts are available on site.

ii) Minor grade deficiencies and irregularities shall be eliminated prior to seeding.

E. HYDROSEEDING

i) The Contractor shall apply 2280 kg/ha fibre mulch over the newly seeded area to form a uniform, blotter-like ground cover that allows the absorption and percolation of water.

ii) The area seeded in a single day shall not exceed the area that can be mulched that same day.

iii) The Contractor shall apply the specified seed mixture using accepted industry methods for hydroseeding and at rates recommended by the seed supplier. The type and rate of fertilizer application shall be as recommended in the topsoil test report for the particular area being seeded.

F. PRELIMINARY ACCEPTANCE

i) When landscaping is completed, the Consulting Landscape Architect shall submit a Certificate of Completion for Preliminary Acceptance to the Town of Caledon certifying that all landscape works have been completed in accordance with the approved plans.

ii) Upon receipt of the Certificate of Completion, the Town Staff will conduct a preliminary inspection of the site and, provided that the works are in satisfactory condition, will grant preliminary acceptance of the landscaping.

specifications continued on next panel . . .

TOWN OF CALEDON						APP'D	C.C.	DATE: JUNE 08
NATURALIZATION SPECIFICATIONS STANDARD NOTES PART 2	2	STANDARD No. 716 NOW 705			APR 19	DRAWN: abal		SCALE: NTS
	1	STANDARD No. 1175.02 NOW 716			JUNE 08			
	NO.	REVISION		APP'D	DATE	STANDARD No. 705		

SPECIFICATIONS *continued from previous panel*

G. INTERIM ACCEPTANCE

i) One year after Preliminary Acceptance is granted by the Town, the Consulting Landscape Architect shall submit a Certificate of Completion for Interim Acceptance to the Town of Caledon certifying that all maintenance requirements as outlined in Section G and in accordance with the approved plans have been completed.

ii) Upon the receipt of the Certification of Completion, Town Staff will conduct an interim inspection of the site and, provided the works are in satisfactory condition, will grant Interim Acceptance of the landscaping.

H. GUARANTEE

i) All naturalized landscaping shall carry a guarantee/maintenance of **THREE** (3) years, commencing from the date that preliminary acceptance is granted by the Municipality. The Owner shall provide the Municipality with a copy of the maintenance agreement between the Owner and the Contractor. In each of the next three summers, the consulting Landscape Architect shall conduct an inspection and prepare a report, recommending the replacements and/or works needed to achieve the intent of the approved landscape plan. The Landscape Architect shall file a copy of the report with the Municipality. Replacement plant material shall be guaranteed for a period of time determined by the Municipality.

I. MAINTENANCE

i) The maintenance of all landscape installations throughout the guarantee period shall include but not be limited to the following:

1) applying appropriate fertilizer to promote growth,
2) pruning dead or diseased tissue,
3) removing dead plant material,
4) replacing dead coniferous naturalization species to maintain a minimum live-stocking standard of 90%,
5) replacing dead deciduous and shrub naturalization species to maintain a minimum live-stocking standard of 90%, and
6) suppressing weed growth around newly planted trees and shrubs by adding more mulch and/or removing weeds by hand, not by cutting the weeds down with power trimmers.

J. CERTIFICATE OF ASSUMPTION

i) At the end of the guarantee period, the Contractor shall remove all tree stakes, rodent guards, and bark wrap, and shall add extra mulch where necessary. Additional items my be included as directed by the municipality.

ii) When these final tasks have been completed, and all items as outlined in the Development Standards have been submitted, all landscape work will be inspected by the Municipality. If satisfied that all work has been completed in accordance with the approved landscape plans, the Municipality will issue a Certificate of Assumption and release any outstanding funds.

end of specifications

K. ADDITIONAL NOTES

Refer to the most recent version of the Development Standards for any additional requirement and submission items.

TOWN OF CALEDON						APP'D	C.C.	DATE: JUNE 08
NATURALIZATION SPECIFICATIONS STANDARD NOTES PART 3	2	STANDARD No. 717 NOW 706			JAN 18	DRAWN: abal		SCALE: NTS
	1	STANDARD No. 1175.03 NOW 717			JUNE 08			
	NO.	REVISION		APP'D	DATE	STANDARD No. 706		

SPECIFICATIONS *continued from previous panel*

A. GENERAL

i) Upland and flood fringe plantings are generally stable and should not need much maintenance or re-establishment. Shoreline fringe areas are harder to establish because of frequent-wetting and drying. It is expected that this vegetation might require some re-establishment during the Contractor's three-year maintenance period. Therefore, the Contractor should include a contingency for the re-establishment of aquatic plantings and some shoreline fringe plantings during the maintenance period.

Planting methods can be separated into three main categories, based on
ii) three principal habitat zones in the pond system: (1) uplands and flood fringe, (2) shoreline fringe, and (3) shallow and deep water.

B. UPLAND / FLOOD FRINGE

i) Planting shall include ground cover (grasses and herbs) and woody shrubs and trees.

ii) If possible, planting shall be done in the spring, after water levels have stabilized.

iii) **Ground cover** shall be installed either by hydroseeding or by using a custom seed mix in a nutrient-rich medium impregnated in a geojute, biodegradable blanket.

iv) **Shrubs and trees** shall be planted manually, as per the applicable details. If geojute is used, openings in the material shall be made for each plant.

* These specifications are an adaptation of recommendations found in *Stormwater Management Planning and Design Manual, MOE, 2003)*

C. SHORELINE FRINGE

i) Shoreline fringe plantings shall be carried out in mid-May to early June, after water levels have stabilized. Geojute mat shall be used for seed mixture protection (and the protection of a soil nutrient medium, if required) in this zone of water level fluctuation. Shrubs and trees shall be planted through openings cut in the mat.

D. SHALLOW WATER (<0.5m) & DEEP WATER (>0.5m)

i) Shallow water (<0.5m) shall be planted with emergent plants where the water is less than 0.3m deep, and with a mix of emergent and submergent vegetation in depths between 0.3m and 0.5m. The Contractor should note that the establishment of plantings in this zone will likely require special work and monitoring, both in the short and long term. *Deep water (>0.5m)* shall be planted solely with submergent vegetation.

ii) **Emergent vegetation** shall be planted by hand. Plants shall consist of young shoots (sprigs and/or plugs), and shall be at least 10cm tall. Planting shall be done in late May to early June.

iii) **Submerged, rooted plants** (including pondweeds) shall, if planted in late spring to early summer, be planted as mature vegetation. Plantings in early spring (or fall) shall be vegetative propagules (such as turions or rhizome plugs), which can germinate in the spring or overwinter and begin growing the following spring.

iv) **Water lilies** shall be planted either directly into the substrate or pre-planted in biodegradable pots and then installed in the substrate.

v) **Coontail** is a floating macrophyte that can be put in the pond at any time in the growing season.

E. WARRANTY

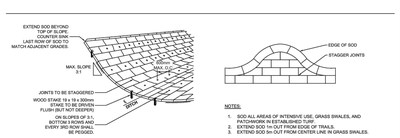
i) Refer to Standard No. 705 and 706 for Warranty Requirements

TOWN OF CALEDON						APP'D	C.C.	DATE: JUNE 08
STORMWATER MANAGEMENT FACILITY PLANTING SPECIFICATIONS STANDARD NOTES	2	STANDARD No.718 NOW 707			JAN 18	DRAWN: abal		SCALE: NTS
	1	STANDARD No. 1177.01 NOW 718			JUNE 08			
	NO.	REVISION		APP'D	DATE	STANDARD No. 707		

SPECIFICATIONS

Sod

Minimum soil depth of 300mm of clean topsoil.
Kentucky Bluegrass, Certified No. 1 grade turf grass nursery sod, as per the Ontario Sod Growers Association of Ontario.



NOTES:
1. SOD ALL AREAS OF INTENSIVE USE, GRASS SWALES, AND ALL BOULEVARDS IN ESTABLISHED CURB.
2. EXTEND SOD 1m OUT FROM EDGE OF TRAILS.
3. EXTEND SOD 5m OUT FROM CENTER LINE IN GRASS SWALES.

TOWN OF CALEDON						APP'D	B.B.	DATE: AUGUST 17
SOD INSTALLATION DETAIL						DRAWN:	B.M.	SCALE: N.T.S.
	NO.	REVISION		APP'D	DATE	STANDARD No. 709		

LANDSCAPE NOTES

GENERAL

1. THESE SPECIFICATIONS ARE TO BE READ IN CONJUNCTION WITH THE GENERAL CONDITIONS OF THE CONTRACT PREPARED BY AND AVAILABLE AT THE OFFICE OF (NATASHA COLLINS).
2. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL:
   a. FAMILIARIZE THEMSELVES WITH THE PLANS, DETAILS AND SPECIFICATIONS OF THIS PROJECT;
   b. VISIT THE SITE TO ASCERTAIN AND TAKE ACCOUNT OF EXISTING CONDITIONS AND ANY DEVIATIONS FROM THE PLANS IN WORK BY OTHER; AND,
   c. FINALIZE ALL DESIGN ALTERNATIVES IN CONSULTATION WITH THE LANDSCAPE ARCHITECT.
3. PRIOR TO EXCAVATING THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES. IN THE EVENT OF A CONFLICT BETWEEN A PROPOSED TREE LOCATION AND AN UNDERGROUND SERVICE, THE EXACT LOCATION OF THE TREE SHALL BE DETERMINED ON SITE BY THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL, AT HIS/HER OWN EXPENSE, REPAIR ANY DAMAGE TO EXISTING UTILITIES, STRUCTURES, FACILITIES, ETC. DONE IN THE PERFORMANCE OF THEIR WORK.

SOFT LANDSCAPING PLANT MATERIALS

4. ALL PLANTS SHALL BE INSTALLED TRUE TO SPECIFIED NAMES, SIZES, GRADES, ETC. AND SHALL CONFORM TO THE STANDARDS OF THE CANADIAN NURSERY LANDSCAPES ASSOCIATION.
5. ALL PLANTS SHALL BE NURSERY GROWN IN A HARDINESS ZONE APPROPRIATE TO SITE CONDITIONS, AS PUBLISHED BY AGRICULTURE CANADA, ENTITLED 'MAP OF PLANT HARDINESS ZONES IN CANADA'.
6. IN THE EVENT OF A DISCREPANCY IN PLANT QUANTITY BETWEEN THE LANDSCAPE PLAN AND THE PLANT LIST, THE LANDSCAPE PLAN SHALL GOVERN.
7. THE CONTRACTOR SHALL MAKE PLANTS AVAILABLE FOR INSPECTION BY THE LANDSCAPE ARCHITECT PRIOR TO SHIPPING TO THE SITE. THIS DOES NOT LIMIT THE RIGHT OF THE LANDSCAPE ARCHITECT AND/OR TOWN'S REPRESENTATIVE TO LATER REJECT PLANT MATERIAL THAT IS OF POOR QUALITY, DAMAGED DURING SHIPPING OR INSTALLATION, PERFORMING POORLY WHILE THE GUARANTEE PERIOD IS STILL IN EFFECT, OR OTHERWISE DOES NOT CONFORM TO THE SPECIFICATIONS.
8. PLANT SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE OWNER, THE LANDSCAPE ARCHITECT AND THE TOWN PRIOR TO DELIVERY OF THE MATERIAL ON-SITE. THE LANDSCAPE ARCHITECT MAY, UPON COMPLETION OF THE WORK AND NOTWITHSTANDING PRIOR APPROVAL AT SOURCE, REJECT PLANT MATERIAL NOT CONFORMING TO THE SPECIFICATIONS
9. THE CONTRACTOR SHALL USE STANDARD INDUSTRY METHODS FOR PLANTING TREES. TREES SHALL BE TURNED TO GIVE THE BEST APPEARANCE. THEY SHALL ALSO BE GUYED AND STAKED IMMEDIATELY AFTER PLANTING AND AS DETAILED ON THE DRAWINGS.

BED PREPARATION

10. PRIOR TO BACKFILLING, SCARIFY THE SIDES AND BOTTOM OF THE EXCAVATED TREE PITS AND SHRUB BEDS.
11. WHERE HEAVY CLAY SOIL CONDITIONS PREVAIL, BACKFILL TO THE SPECIFIED DEPTHS WITH:
    a. 2 PARTS "TRIPLE MIX" DELIVERED TO THE SITE WELL-MIXED WITH 1 PART LOCAL TOPSOIL (TOPSOIL THAT WAS REMOVED FROM THE SITE AND STOCKPILED; IF UNAVAILABLE, A TOPSOIL WITH CLAY CONTENT MUST BE IMPORTED)
12. TREE PITS MUST BE CONSTRUCTED WITH SAUCERS AND MULCH AS DETAILED.

MAINTENANCE

13. MAINTENANCE OF ALL LANDSCAPE INSTALLATIONS THROUGHOUT TO INCLUDE:
14. PROPER IRRIGATION TO ENSURE OPTIMUM GROWTH AND DEVELOPMENT OF INSTALLED PLANT MATERIAL.
15. CULTIVATION, WEEDING AND FERTILIZATION OF THE TREE PITS AND PLANTING BEDS.
16. INSECT AND DISEASE CONTROL USING 'INTEGRATED PEST MANAGEMENT' PRACTICES.
17. PRUNING AND MAINTENANCE TO FURTHER PROMOTE VISIBILITY AND VITALITY OF ITS INTENDED USE, AS DIRECTED BY THE LANDSCAPE ARCHITECT OR THE TOWN.

GUARANTEE

18. ALL PLANT MATERIALS SHALL BE GUARANTEED FOR A MINIMUM OF 1 YEAR FROM DATE OF WRITTEN LANDSCAPE CERTIFICATION FOR COMMENCEMENT OF PLANT WARRANTY AS GRANTED BY THE TOWN, AND UNTIL FINAL CERTIFICATION IS GRANTED BY THE TOWN. PLANTS WHICH DO NOT SURVIVE SATISFACTORILY DURING THE GUARANTEE PERIOD SHALL BE REPLACED AT NO EXTRA COST TO THE OWNER. PLANT MATERIAL WHICH IS REPLACED DUE TO UNSATISFACTORY PERFORMANCE SHALL, IN TURN, BE GUARANTEED FOR ANOTHER MINIMUM OF 1 YEAR, OR UNTIL FINAL CERTIFICATION IS GRANTED BY THE TOWN.
19. SIMILARLY, ALL OTHER LANDSCAPE WORK PERFORMED UNDER THIS CONTRACT SHALL BE FULLY GUARANTEED FOR THE ABOVE SPECIFIED PERIOD.
20. ALL WORK SHALL BE INSPECTED AT THE END OF THE WARRANTY PERIOD, AT WHICH TIME A FINAL CERTIFICATE WILL BE ISSUED BY THE LANDSCAPE ARCHITECT AND SUBMITTED TO THE TOWN FOR THEIR INSPECTION, AND APPROVAL OF FINAL CERTIFICATION, PERMITTING RELEASE OF SITE WORK SECURITIES.
21. AT THE END OF THE GUARANTEE PERIOD, THE CONTRACTOR SHALL REMOVE ALL TREE STAKES, RODENT GUARDS AND BARK WRAP AND ALL EXTRA MULCH WHERE NECESSARY.

ACCEPTANCE

22. WORK WILL BE ACCEPTED BY THE OWNER OR THEIR REPRESENTATIVE UPON COMPLETION AND AT THE END OF THE SPECIFIED MAINTENANCE PERIOD, PROVIDED THAT ALL PLANT MATERIAL IS ALIVE AND IN HEALTHY GROWING CONDITIONS.
23. WRITTEN PRELIMINARY AND FINAL CERTIFICATION MUST BE SUBMITTED TO THE TOWN BY THE LANDSCAPE ARCHITECT. THE CERTIFICATIONS SHALL BE SIGNED AND STAMPED WITH THE SEAL OF THE OALA.
24. PRELIMINARY CERTIFICATION OF THE PROJECT SHALL SERVE AS THE START OF THE GUARANTEE PERIOD.
25. FINAL ACCEPTANCE OF THE LANDSCAPE WORKS FOR THIS PROJECT IS GRANTED BY THE TOWN OF CALEDON UPON CONDUCTING A SATISFACTORY FINAL SITE INSPECTION

CONTINUED RESPONSIBILITY OF THE OWNER

26. THE OWNER HAS A RESPONSIBILITY TO MAINTAIN THE APPROVED LANDSCAPE IN A WELL CARED FOR MANNER THAT PROMOTES PLANT VITALITY AND HEALTHY APPEARANCE. ANY DECLINING OR DEAD PLANTS ARE TO BE REPLACED WITHIN THE SEASON TO SUSTAIN A KEPT LANDSCAPE. THE OWNER IS REMINDED THAT FUTURE SITE PLAN APPLICATIONS FOR THIS SITE WILL BE REVIEWED WITH REGARD TO THE CONFORMITY OF THE EXISTING LANDSCAPING TO THE APPROVED LANDSCAPE PLAN REGISTERED WITH THE TOWN OF CALEDON.

No.	REVISION	DATE	BY
5			
4			
3			
2			
1	ISSUED FOR REVIEW	2023-11-10	NC

RICE GROUP

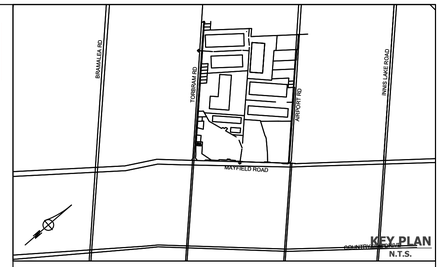
GEI Consultants

TULLAMORE EMPLOYMENT LANDS

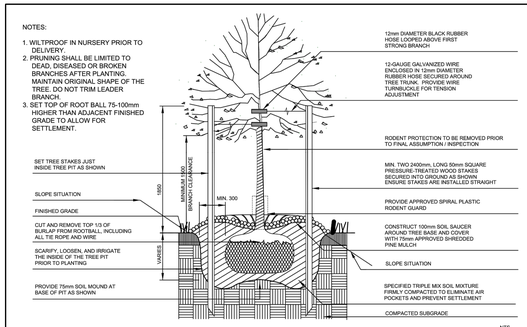
LANDSCAPE SPECIFICATIONS AND NOTES

DESIGNED BY:	NC	CHECKED BY:	NC/SL
DRAWN BY:	JW/NC	DATE:	10 November 2023
SCALE:		PROJECT No.:	2100975
		DRAWING No.:	L-03

TOWN OF CALEDON PLANNING RECEIVED
November 14, 2023

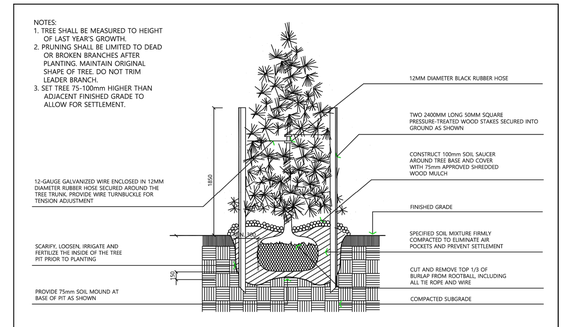


NOTES:
1. WILTPROOF IN NURSERY PRIOR TO DELIVERY.
2. PRUNING SHALL BE LIMITED TO DEAD, DISEASED OR BROKEN BRANCHES AFTER PLANTING. MAINTAIN ORIGINAL SHAPE OF THE TREE. DO NOT TRIM LEADER BRANCH.
3. SET TOP OF ROOT BALL 75-100mm HIGHER THAN ADJACENT FINISHED GRADE TO ALLOW FOR SETTLEMENT.



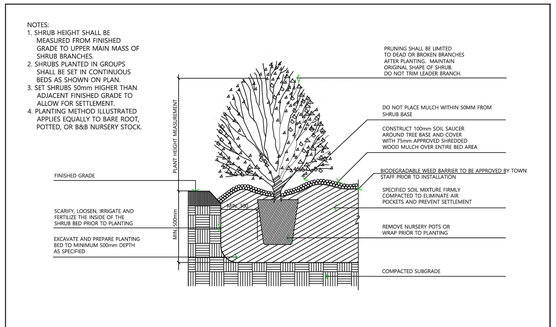
TOWN OF CALEDON						
DECIDUOUS TREE PLANTING					APR'D: B.B.	DATE: JUNE 08
					DRAWN: abal	SCALE: NTS
	2	STANDARD No. 700 NOW 800		JAN 18	STANDARD No. 800	
	1	STANDARD No. 1100 NOW 700		JUNE 08		
	NO.	REVISION	APR'D	DATE		

NOTES:
1. TREE SHALL BE MEASURED TO HEIGHT OF LAST YEAR'S GROWTH.
2. PRUNING SHALL BE LIMITED TO DEAD OR BROKEN BRANCHES AFTER PLANTING. MAINTAIN ORIGINAL SHAPE OF TREE. DO NOT TRIM LEADER BRANCH.
3. SET TREE 75-100mm HIGHER THAN ADJACENT FINISHED GRADE TO ALLOW FOR SETTLEMENT.

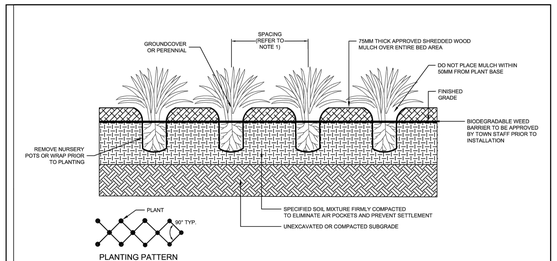


TOWN OF CALEDON						
CONIFEROUS TREE PLANTING					APR'D: C.C.	DATE: JUNE 08
					DRAWN: ABAL	SCALE: NTS
	2	STANDARD No. 701 NOW 801		APR 19	STANDARD No. 801	
	1	STANDARD No. 1105 NOW 701		JUNE 08		
	NO.	REVISION	APR'D	DATE		

NOTES:
1. SHRUB HEIGHT SHALL BE MEASURED FROM FINISHED GRADE TO UPPER MAIN MASS OF SHRUB BRANCHES.
2. SHRUBS PLANTED IN GROUPS SHALL BE SET IN CONTINUOUS BEDS AS SHOWN ON PLAN.
3. SET SHRUBS 50mm HIGHER THAN ADJACENT FINISHED GRADE TO ALLOW FOR SETTLEMENT.
4. PLANTING METHOD ILLUSTRATED APPLIES EQUALLY TO BARE ROOT, POTTED, OR B&B NURSERY STOCK.

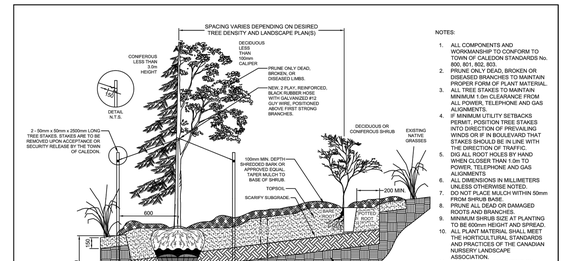


TOWN OF CALEDON						
SHRUB PLANTING					APR'D: C.C.	DATE: JUNE 08
					DRAWN: abal	SCALE: NTS
	3	STANDARD No. 702 NOW 802		APR 19	STANDARD No. 802	
	2	STANDARD No. 1110 NOW 702		JUNE 08		
	1	WEED BARRIER ADDED		MARCH 08		
	NO.	REVISION	APR'D	DATE		



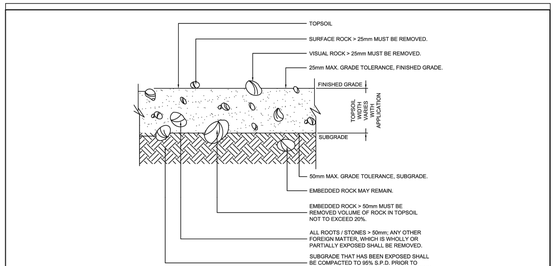
NOTE:
1. PLANT IN DIAGONAL PLANTING PATTERN. REFER TO PLANT LIST FOR SPACING REQUIREMENTS.
2. REFER TO PLANT LIST FOR GROUNDCOVER OR PERENNIAL TYPE.

TOWN OF CALEDON						
GROUNDCOVER AND PERENNIAL PLANTING DETAIL					APR'D: B.B.	DATE: AUGUST 17
					DRAWN: B.M.	SCALE: N.T.S.
	NO.	REVISION	APR'D	DATE	STANDARD No. 803	



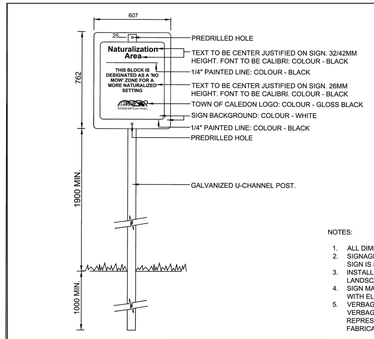
NOTES:
1. ALL COMPONENTS AND WORKMANSHIP TO CONFORM TO TOWN OF CALEDON STANDARDS No. 800, 801, 802, 803.
2. PRUNE ONLY DEAD, BROKEN OR DISEASED BRANCHES TO MAINTAIN PROPER FORM OF PLANT MATERIAL.
3. MAINTAIN A MINIMUM 1.5m AND A MAXIMUM 1.0m CLEARANCE FROM ALL POWER, TELEPHONE AND GAS ALIGNMENTS.
4. IF MINIMUM UTILITY SETBACKS PERMIT, POSITION TREE STAKES INTO DIRECTION OF PREVAILING WINDS OR IF IN BOULEVARD THAT STAKES SHOULD BE IN LINE WITH THE DIRECTION OF TRAFFIC.
5. DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO ANY POWER, TELEPHONE AND GAS ALIGNMENTS.
6. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.
7. DO NOT PLACE MULCH WITHIN 50mm FROM SHRUB BASE.
8. PRUNE ALL DEAD OR DAMAGED ROOTS AND BRANCHES.
9. MINIMUM SHRUB SIZE AT PLANTING TO BE 600mm HEIGHT AND SPREAD.
10. ALL PLANT MATERIAL SHALL MEET THE HORTICULTURAL STANDARDS AND PRACTICES OF THE CANADIAN NURSERY LANDSCAPE ASSOCIATION.
11. SPACING VARY DEPENDING ON SHRUB SIZE.

TOWN OF CALEDON						
TREE AND SHRUB NATURALIZATION					APR'D: B.B.	DATE: AUGUST 17
					DRAWN: B.M.	SCALE: N.T.S.
	NO.	REVISION	APR'D	DATE	STANDARD No. 804	



NOTES:
1. 300mm MIN. DEPTH TOPSOIL FOR SEEDED AREAS.
2. 300mm MIN. DEPTH TOPSOIL FOR SODDED AREAS.
3. 600mm MIN. DEPTH TOPSOIL FOR SHRUB AND TREE BEDS.
4. DEVELOPER TO PROVIDE ORIGINAL SOIL ANALYSIS AND AMENDED SOIL ANALYSIS TO PARKS DEPARTMENT FOR APPROVAL PRIOR TO INSTALLATION.

TOWN OF CALEDON						
TOPSOIL / SUBGRADE PREPARATION DETAIL					APR'D: B.B.	DATE: JULY 17
					DRAWN: B.M.	SCALE: N.T.S.
	NO.	REVISION	APR'D	DATE	STANDARD No. 805	



NOTES:
1. ALL DIMENSIONS IN MILLIMETRES.
2. SIGNAGE TO BE INSTALLED SO THAT BOTTOM EDGE OF SIGN IS MINIMUM 1.9m HIGH ABOVE FINISHED GRADE.
3. INSTALL SIGN IN LOCATIONS DESIGNATED BY THE LANDSCAPE ARCHITECT, VISIBLE TO FACILITY USERS.
4. SIGN MATERIAL TO BE APPROPRIATE TREATED METAL WITH ELECTRO-STATIC PAINT FINISH.
5. VERBAGE OF SIGN AS PER TOWN OF CALEDON. SIGN VERBAGE TO BE APPROVED BY TOWN OF CALEDON REPRESENTATIVE IN WRITING BEFORE FINAL FABRICATION.

TOWN OF CALEDON						
NATURALIZATION SIGNAGE					APR'D: B.B.	DATE: AUGUST 19
					DRAWN: N.P.	SCALE: N.T.S.
	NO.	REVISION	APR'D	DATE	STANDARD No. 1112	

LEGEND

No.	REVISION	DATE	BY
5			
4			
3			
2			
1	ISSUED FOR REVIEW	2023-11-10	NC

RICE GROUP

GEI Consultants

TULLAMORE EMPLOYMENT LANDS

LANDSCAPE TYPICALS

DESIGNED BY: NC	CHECKED BY: NC/SL	PROJECT No.: 2100975
DRAWN BY: JW/NC	DATE: 10 November 2023	DRAWING No.: L-04
SCALE:		

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