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

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

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@csctoronto.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 adiacent 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 . .

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

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

of the landscaping.

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

specifications continued on next panel .

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

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, 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					APR'D:	C.C.	DATE: JUNE 08
NATURALIZATION SPECIFICATIONS	2	STANDARD No. 717 NOW 706		JAN 18	DRAWN:	abal	SCALE: NTS
STANDARD NOTES PART 3	1	STANDARD No. 1175.03 NOW 717		JUNE 08		12	
	NO	REVISION	APR'D	DATE	s	RD No. 706	

TOWN OF CALEDON **PLANNING** RECEIVED

March 28, 2024

ALL STAKES AND TIES TO BE REMOVED BY CONTRACTOR PRIOR TO FINAL ACCEPTANCE. WILTPROOF IN NURSERY PRIOR TO DELIVERY SET WHIPS 50mm HIGHER THAN ADJACENT FINISHED GRADE TO ALLOW FOR SETTLEMENT PLANTING METHOD ILLUSTRATED APPLIES EQUALLY TO BARE ROOT, PRUNING SHALL BE LIMITED TO DEAD OR BROKEN BRANCHES POTTED OR B&B NURSERY STOCK AFTER PLANTING DO NOT TRIM LEADER BRANCH. TIE TREE TO STAKES WITH BIODEGRADABLE HEAVY DUTY JUTE MATERIAL (BINDER TWINE) NO. I SPRUCE WOOD STAKES SECURED INTO GROUND JUST INSIDE OF TREE PIT ON SIDE OF PREVAILING WIND AS SHOWN SPIRAL PLASTIC SLEEVE RODENT GUARD MANDATORY DURING MAINTENANCE PERIOD - OR APPROVED EQUAL. TO REACH JUST UNDER SURFACE OF SOIL KEEP MULCH BACK 50mm FINISHED OR EXISTING GRADE FROM TRUNK OF TREE SOIL LEVEL SHOULD MATCH CONSTRUCT 100mm SOIL SAUCER AROUND TREE BASE AND COVER WITH 15mm TOP OF ROOT BALL APPROVED SHREDDED WOOD MULCH SCARIFY, IRRIGATE AND FERTILIZE THE INSIDE OF TREE PIT PRIOR TO PLANTING MIN. 300 COMPACTED TO ELIMINATE AIR POCKETS AND PREVENT SETTLEMENT EXCAYATE AND PREPARE PLANTING BED TO MINIMUM 500mm DEPTH AS SPECIFIED REMOVE NURSERY POTS OR WRAP PRIOR TO PLANTING

TYPE 3 WETLAND

WHIP PLANTING DETAIL

TYPICAL INSTALLATION

NTS

DECIDUOUS TREE PLANTING DETAIL

TOWN OF CALEDON STANDARD DETAIL

TOWN OF CALEDON

DECIDUOUS TREE PLANTING

NOTES:

1. WILTPROOF IN NURSERY PRIOR TO

DELIVERY.
2. PRUNING SHALL BE LIMITED TO

BRANCHES AFTER PLANTING

TREE. DO NOT TRIM LEADER

3 SET TOP OF ROOT BALL 75-100mm HIGHER THAN ADJACENT FINISHED

GRADE TO ALLOW FOR SETTLEMENT.

SET TREE STAKES JUST INSIDE TREE PIT AS SHOWN

CUT AND REMOVE TOP 1/3 OF BURLAP FROM ROOTBALL, INCLUDING ALL TIE ROPE AND WIRE

SCARIFY, LOOSEN, AND IRRIGATE THE INSIDE OF THE TREE PIT PRIOR TO PLANTING

PROVIDE 75mm SOIL MOUND AT BASE OF PIT AS SHOWN

SLOPE SITUATION

FINISHED GRADE

MAINTAIN ORIGINAL SHAPE OF THE

NATURALIZATION SEEDING

SEED WITH THE FOLLOWING SEED MIXTURES AS SUPPLIED BY ONTARIO SEED COMPANY (1-800-465-5849) OR APPROVED EQUAL

LOCATION OF SEED TYPES ARE NOTED ON PLAN

UPLAND: TYPE 1

CUSTOM UPLAND MIX

CANADIAN WILD RYE (Elymus canadensis) BOTTLEBRUSH GRASS (Elmus hystrix) 25% VIRGINIA WILD RYE (Elymus virgibicus) 15% FOX SEDGE (Carex vulpino COMMON MILKWEED (Asclepias syriaca) WILD BERGAMOT (Monadarda fistulosa) 5% NEW ENGLAND ASTER (Aster novae-anglais) 5% EARLY GOLDENROD (Solidago juncea) BROWN EYED SUSAN (Rudbeckia triloba) EVENING PRIMROSE (Oenothera biennis)

SEED RATE: 22-25 kg/ha

NURSE CROP

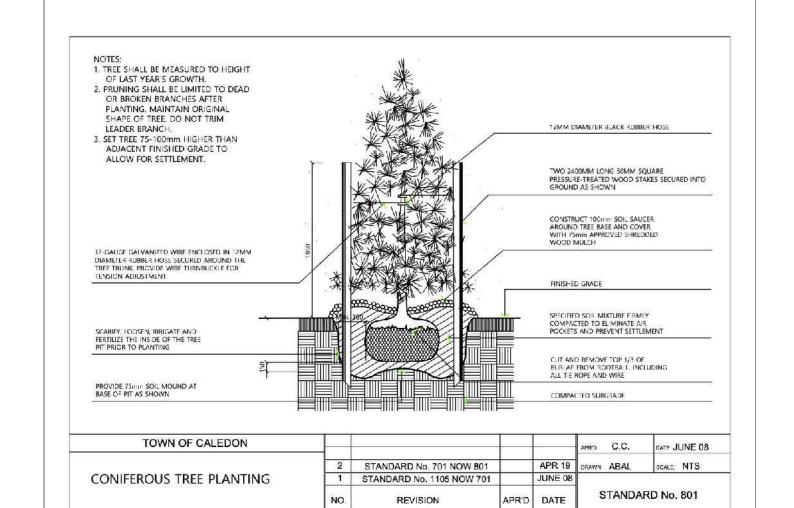
ANNUAL RYE GRASS (Lolium multiflorum) SEED RATE: 28kg/ha

OSC #8175 - FACW WETLAND MIXTURE BEBB'S SEDGE (Carex bebbii) BLUE LOBELIA (Lobelia siphilitica) 1% BLUE VERVAIN (Verbena hastata) 4% BLUNT BROOM SEDGE (Carex scoparia) BONSET (Eupatorium perfoliatum) FOX SEDGE (Carex vulpinoidea) 25% GREEN BULRUSH (Scipus atrovirens) HEATH ASTER (Aster pilosus) LURID SEDGE (Carex lurida) NEW ENGLAND ASTER (Aster novae-anglaie) 1% PURPLE STEMMED ASTER (Aster puniceus) SOFT RUSH (Juncus effusus) SPOTTED JOE PYE WEED (Eupatorium maculatum) SQUARE STEMMED MONKEY FLOWER (Mimulus ringens) 1% SWAMP MILKWEED (Asclepias incarnata) TALL MANNA GRASS (Glyceria grandis) 1% VIRGINIA WILD RYE (Elymus virginicus) 40% WOOLGRASS (Scirpus cyperinus) SEED RATE: 22-25 kg/ha **NURSE CROP**

ANNUAL RYE GRASS (Lolium multiflorum)

SEED RATE: 28kg/ha

COMPACTED SUBGRADE



STANDARD No. 700 NOW 800

REVISION

12mm DIAMETER BLACK RUBBER

ENCLOSED IN 12mm DIAMETER RUBBER HOSE SECURED AROUNT

RODENT PROTECTION TO BE REMOVED PRIOR TO FINAL ASSUMPTION / INSPECTION

MIN. TWO 2400mm, LONG 50mm SQUARE PRESSURE-TREATED WOOD STAKES SECURED INTO CROUND AS SHOWN ENSURE STAKES ARE INSTALLED STRAIGHT

PROVIDE APPROVED SPIRAL PLASTIC RODENT GUARD

AROUND TREE BASE AND COVER WITH 75mm APPROVED SHREDDED PINE MULCH

SLOPE SITUATION

COMFACTED SUBGRADE

JAN 18

JUNE 08

PRD B.B.

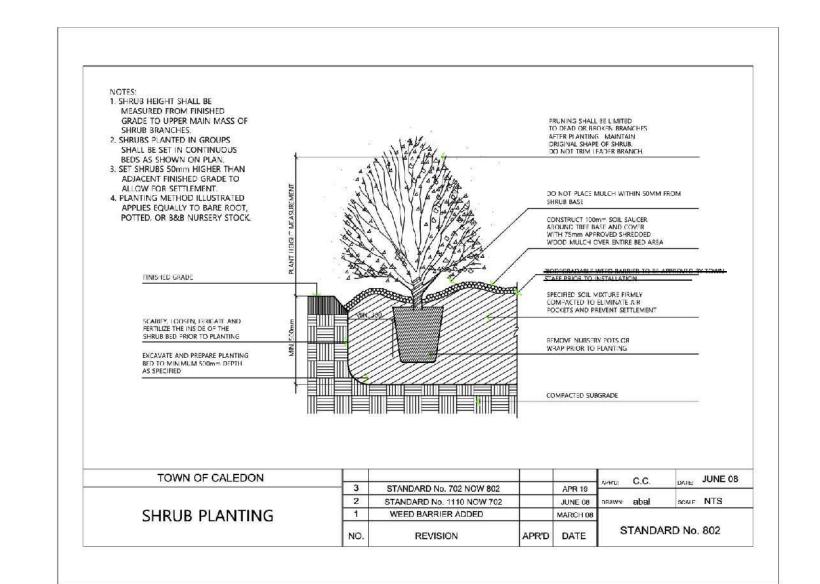
STANDARD No. 800

NTS

TREE TRUNK, PROVIDE WIRE TURNBUCKLE FOR TENSION ADJUSTMENT

CONIFEROUS TREE PLANTING DETAIL TOWN OF CALEDON STANDARD DETAIL

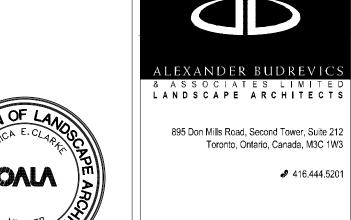
NTS



SHRUB PLANTING DETAIL TOWN OF CALEDON STANDARD DETAIL

MAR 12 ISSUED FOR 30% LANDSCAPE PLANS -2024 OPA / ZBA FEB 24 | ISSUED FOR FIRST SUBMISSION 2021 no. date

All information hereon to be checked and verified at the site and any discrepancies must be reported to and clarified by the landscape architect before commencing work. All drawings, specifications, details, digital information, etc., prepared by the landscape architect are instruments of service and as such are his property and must be returned at his request.



www.budrevics.com

4 416.444.5201

project SP No. PRE-20-0096

PROPOSED INDUSTRIAL DEVELOPMENT 12862 & 12668 DIXIE ROAD

CALEDON, ONTARIO **QUADREAL PROPERTY GROUP &** TRIBAL PARTNERS CANADA INC.

drawing

NTS

BUFFER LANDSCAPE DETAILS

IANUARY 4 , 2021 file 3415 BD-1V2-240312 scale* AS SHOWN direction project no. 3415 sheet no. BD-1

*NOTED SCALE IS APPLICABLE ONLY WHEN PRINTED ON ARCH D (24"x36") SIZE SHEET