Landscape Notes

General

1. These specifications are to be read in conjunction with the general conditions of the contract as prepared by and available at the office of Greg Costa (MHBC Planing, Urban Design, and Landscape Architecture). 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

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.

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

7. The contractor shall make plants available for inspection by the Landscape Architect prior to

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 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

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.

Acceptance

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.

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.

20. All work shall be inspected at the end of the warranty period, at which time a final certificate will be

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

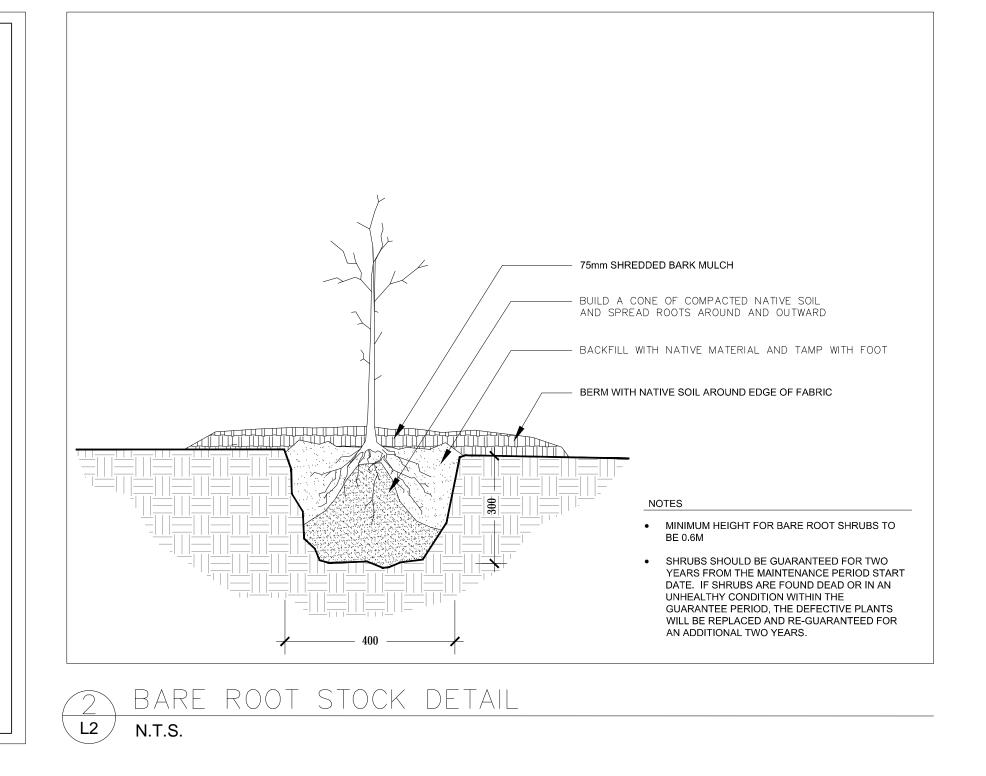
23. Written preliminary and final certification must be submitted to the Town by the Landscape Architect. The Certifications shall be signed and stamped with the seal of the OALA.

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.

SPECIFICATIONS B. PLANT MATERIAL) These Specifications are to be read in conjunction with the General i) All plants shall be installed true to specified names, sizes, grades, Conditions of the contract, as prepared by and available at the offices etc., and shall conform to the standards of the Canadian Nursery of MHBC Planning Urban Design and Landscape Architecture in Landscapes Association. Woodbridge ON. ii) All plants shall be nursery grown in a hardiness zone appropriate to ii) Prior to commencing work, the Contractor shall: site conditions, as published by Agriculture Canada, titled 'Map of Become familiar with the plans, details, and Plant Hardiness Zones in Canada'. specifications of this project, iii) In the event of a discrepancy in plant quantity between the Planting 2. Visit the site to ascertain and take account of existing conditions and any deviations from the Plan and the Plant List, the Planting Plan shall govern. plans in work by others, and 3. Finalize all design alternatives in consultation iv) The Contractor shall make plants available for inspection by the Landscape Architect and/or the Town's representative prior to with the Landscape Architect. shipping to the site. This does not limit the right of the Landscape iii) Prior to excavating, the Contractor shall verify the location of all Architect and/or the Town's representative to later reject plant underground utilities. In the event of a conflict between a proposed material that is of poor quality, damaged during shipping or installation, performing poorly while the guarantee period is still in tree location and an underground service, the exact location of the tree effect, or otherwise does not conform to the specifications. shall be determined on site by the Landscape Architect and/or the Town's representative. v) Plant substitutions must be approved in writing by the Town and the iv) The Contractor shall, at his or her own expense, repair any damage to Landscape Architect prior to delivery of the material to the site. existing utilities, structures, facilities, etc. done in the performance of vi) The Contractor shall use standard industry methods for planting trees and shrubs. Trees shall be turned to give the best v) All site work shall conform to the Canadian National Master appearance; they shall also be guyed or staked immediately after planting and as detailed on the drawings. Construction Specifications, a copy of which can be obtained from Construction Specifications Canada, 100 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. specifications continued on next panel TOWN OF CALEDON NATURALIZATION SPECIFICATIONS NOTES EDIT, STANDARD No. 1175.01 NOW 715 STANDARD NOTES STANDARD No. 715

G. 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 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) 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. ii) When these final tasks have been completed, all landscape work will 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.					
 applying appropriate fertilizer to promote growth, pruning dead or diseased tissue, removing dead plant material, replacing dead coniferous naturalization species to minimum live-stocking standard of 90%, replacing dead deciduous and shrub naturalization s maintain a minimum live-stocking standard of 90%, suppressing weed growth around newly planted tree 	pecies to and s and						
shrubs by adding more mulch and/or removing weed not by cutting the weeds down with power trimmers.	is by hand,						
shrubs by adding more mulch and/or removing weed	is by naid,				APR'D-	C.C.	DATE: JUNE 08



SEEDING SPECIFICATIONS

SUPPLIER'S SPECIFICATIONS)

COVERED WITH SNOW, ICE OR STANDING WATER.

DOES NOT GERMINATE AND ESTABLISH.

APPLICATION RATE 25 KG/HA

BOTANNICAL NAME

VIRGINIA WILD RYE

SWITCHGRASS

CANADA BLUEJOIN

BLACK EYED SUSAN

NEW ENGLAND ASTER

CANADA GOLDENROD

CANADA BLUEGRASS

BIG LEAF MOUNTAIN MINT

FOX SEDGE

NOTES

∖ L-2 / N.T.S.

STORMWATER POND MIXTURE OSC #8190

EROSION CONTROL AT 25 kg per hectare.

SOIL/COMPOST MIXTURE.

BOTANNICAL NAME

25% - Poa palustris

How To Grow

Site Preparation

Propagation

Growth Habit

Free Eglerance

Degree of Difficulty

Suggested uses.

Preferred

L-2 n.t.s.

GENERAL NOTES

commencing work.

Do not leave any holes open overnight.

germinate and establish.

with the soil & irrigate as needed.

30% - Elymus canadensis

15% - Schizachyrium scorparium

30% - Sporobolus cryptandrus

HYDRAULIC MULCH TO BE APPROVED BY THE LANDSCAPE ARCHITECT AND

WEATHER CONDITIONS SUCH AS HIGH WIND, FROZEN GROUND OR GROUND

SHALL BE APPLIED AT THE RATE OF 2100kg PER HECTARE (OR AS PER

THE CONTRACTOR SHALL NOT CARRY OUT THE WORK UNDER ADVERSE

A SOIL TEST SHOULD BE PERFORMED BY A COMPETENT TERRASEEDING

GRADE SUB-GRADE, ELIMINATE UNEVEN AREAS AND LOW SPOTS, ENSURE

EXCESS OF 50MM DIAMETER AND OTHER DELETERIOUS MATERIALS. REMOVE

SUBSOIL THAT HAS BEEN CONTAMINATED WITH OIL, GASOLINE OR CALCIUM

CHLORIDE, DISPOSE OF REMOVED MATERIAL AS DIRECTED BY LANDSCAPE

GRADE SUB-GRADE FOR SEEDING TO A UNIFORM SURFACE AND REMOVE

SOIL TO DEPTH OF 25MM MINIMUM AND REMOVE STONES AND FOREIGN

MATERIAL WHICH PROTRUDE MORE THAN 75MM ABOVE THE SURFACE.

CONTRACTOR TO SUPPLY AND INSTALL 300mm 12") LAYER OF TOPSOIL OVER THE AREA TO BE SEEDED PRIOR TO SEEDING. WHERE SLOPES

EXCEED 3:1, AN EROSION CONTROL BLANKET SHALL BE APPLIED. SEEDING

SHALL OCCUR IMMEDIATELY FOLLOWING OR WITHIN ONE (1) WEEK OF

INSTALLATION OF TOPSOIL TO ENSURE THAT THE WEED BANK IN THE SOIL

COMMON NAME

CAREX VULPINOIDEA

ELYMUS VIRGINICUS

PANICUM VIRGATUM

ASTER NOVAE-ANGLAIE

SOLIDAGO CANADENSIS

STORMWATER POND: SEE MIX

Native mixes do best when planted in the fall, between Oct. 15th and Nov. 15th.

Late fall sowings additionally stratify the seed. An early spring sowing in April

will work but not as effectively. If ideal growing conditions are unavailable, the

seed may go dormant and not germinate until the spring of the following year.

Contractor to supply and install 300mm 12") layer of topsoil over the area to be

seeded prior to seeding. where slopes exceed 3:1, an erosion control blanket

week of installation of topsoil to ensure that the weed bank in the soil does not

Otherwise remove weeds by hand or apply an organic non-selective herbicide.

flowers and grasses will germinate and establish themselves much better when

planted into a bed of well drained soil, rather than compost or dense compacted

topsoil. Broadcast the seed and let mother nature do the rest. Smaller seeds

can be mixed with dry sand to improve distribution when sowing. Rain, snow

and frost-heaving of the soil will work the seed down into the soil bed. If you

choose to do a spring planting, make sure the seed comes into good contact

Full Sun

Grass or Grass-like

Prior Experience Beneficial

Wildlife food and cover.

• SEED MIXTURE TO BE AS SUPPLIED BY ONTARIO SEED COMPANY,

Prairie habitat creation or restoration.

Winter Hardy

Native of Ontario

• A COVER CROP OF OATS IS TO BE PLANTED AT 20kg/ha.

PREPARE ALL AREAS TO BE SEEDED WITH MIN 300mm OF

11 Low Grow Native Grass Mix

2. This drawing is to be read in conjunction with the architectural drawings prepared by project architect and

3. The contractor shall check and verify all dimensions and conditions on the project and immediately report any

1. The contractor is to be aware of all existing and proposed services and utilities. The contractor is responsible

for having all underground services and utility lines staked by each agency having jurisdiction prior to

6. Keep area outside construction zone clean and useable by others at all times. Contractor shall thoroughly

These records shall be submitted to the Landscape Architect as a condition of obtaining substantial

9. Plant quantities indicated on the plan supersede the quantities from the plant list (report any discrepancies

10. Contractor shall notify the Landscape Architect prior to installation of any site furniture. Final location of site

Issued for SPA

Issued for SPA

Issued for ZBA

Issued for SPA

Re-Issued for SPA

Issued for Coordination

Issued for Site Plan Updates

Issued for Site Plan Updates

Issued for Site Plan Updates

Issued for SPA Variance

PD

PD

PD

PD

PD

. Contractor shall maintain a detailed record of all authorized changes in the form of a redline mark-up drawing.

WATERLOO, ONTARIO (OR APPROVED EQUAL).

1. Do not scale the drawings. All dimensions are in millimetres unless noted otherwise.

discrepancies to the Landscape Architect before proceeding with the work.

clean areas surrounding the construction zone at the end of each work day.

8. Contractor is to make good all damage resulting from the work at no additional cost.

furniture to be confirmed on site with Owner and Landscape Architect.

11. This drawing is Copyright MHBC Planning, 2021 March 01, 2021

August 19, 2020

June 08, 2020

May 13, 2020

August 14, 2019 July 25, 2019

MIXES ARE TO BE PLANTED AT 25kg/ha.

SOIL/COMPOST MIXTURE

Direct Sow in Spring However Direct Sow in Fall is

Loosen soil to 2.5 cm (1") depth with a stiff rake, cultivator or hoe. Prairie

shall be applied. seeding shall occur immediately following or within one (1)

RUDBECKIA HIRTA

SEED ANNUAL RYEGRASS AS A NURSE CROP AND TO ENHANCE

SEED MIX TO BE INSTALLED USING THE TERRASEEDING METHOD. WHERE SLOPES EXCEED 2:1, AN EROSION CONTROL BLANKET SHALL BE

LOW GROW NATIVE GRASS LAND MIX OSC #8125

PREPARE ALL DISTRUBED AREAS TO BE SEEDED WITH MIN 300MM OF

PYCAMTHEMUM MUTICUM

CALAMAGROSTIS CANADENSIS 2%

POA COMPRESSA

% OF MIX

COMMON NAME

Canada Wild Rye

Fowl Bluegrass

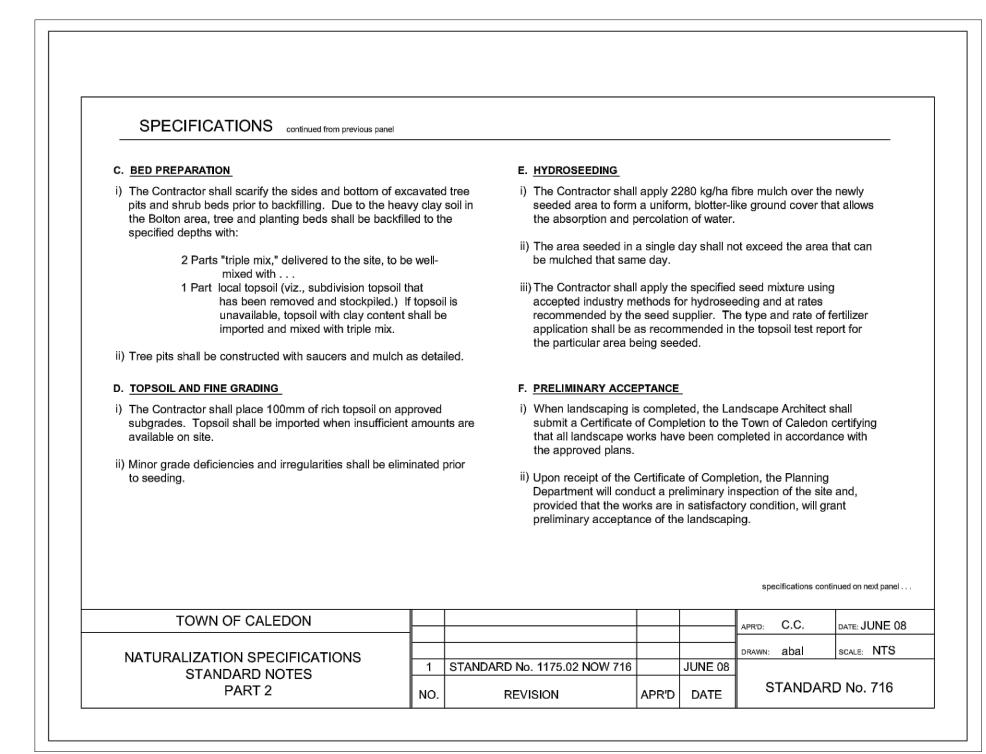
Little Bluestem

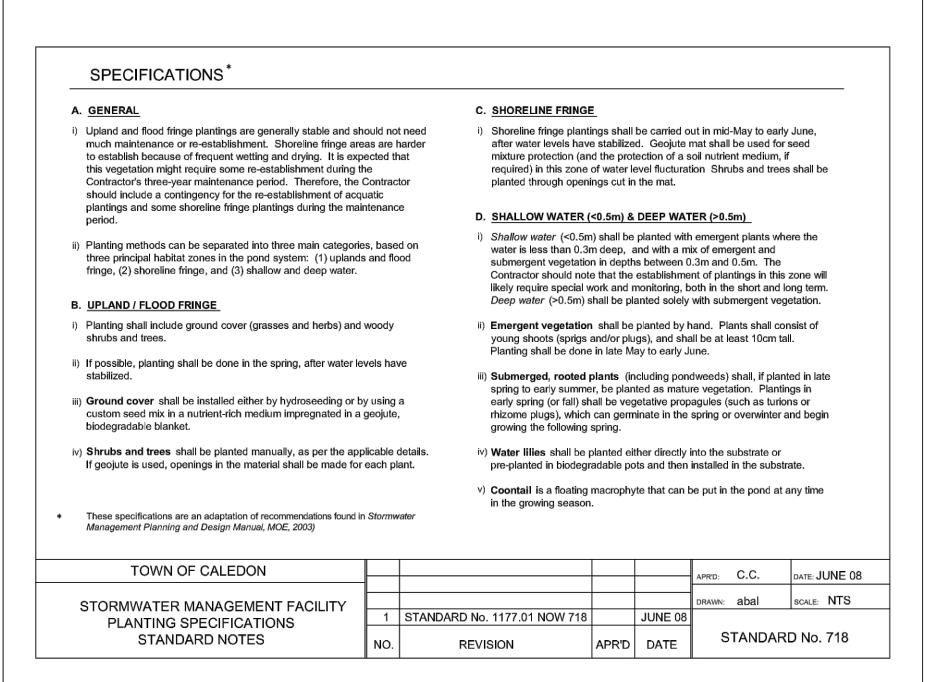
Sand Dropseed

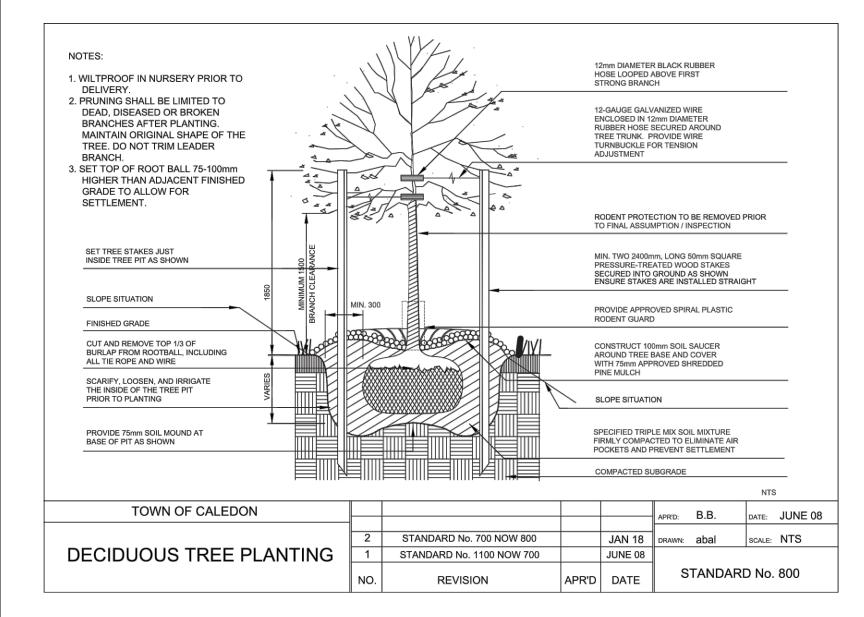
VEGETATION WHICH MAY INTERFERE WITH SEEDING OPERATIONS. LOOSEN

POSITIVE DRAINAGE REMOVE DEBRIS ROOTS BRANCHES STONES IN

CONTRACTOR TO VERIFY MIXTURE AND PERCENTAGES REQUIRED.

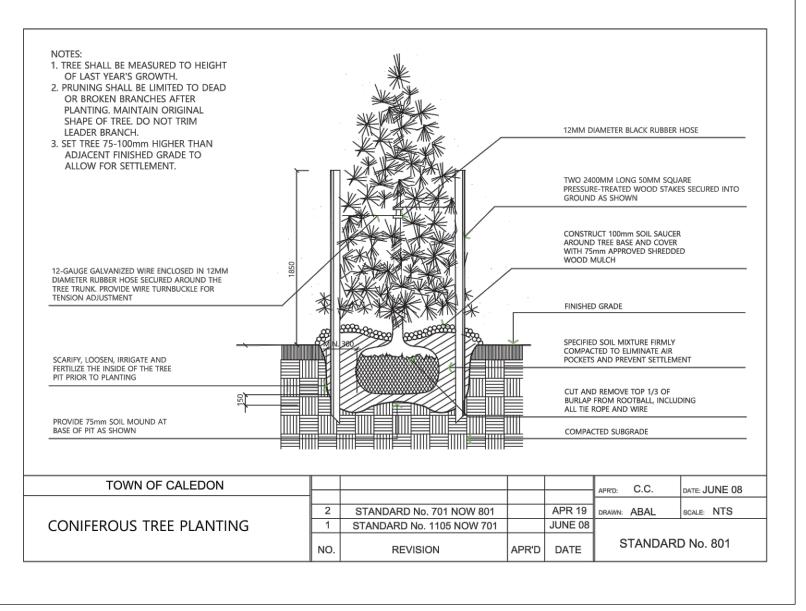


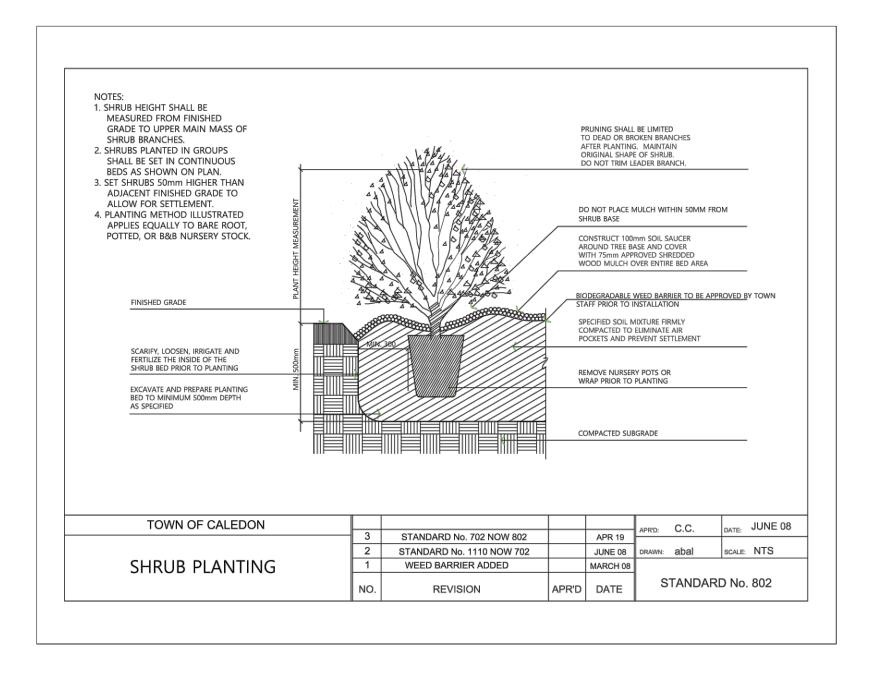


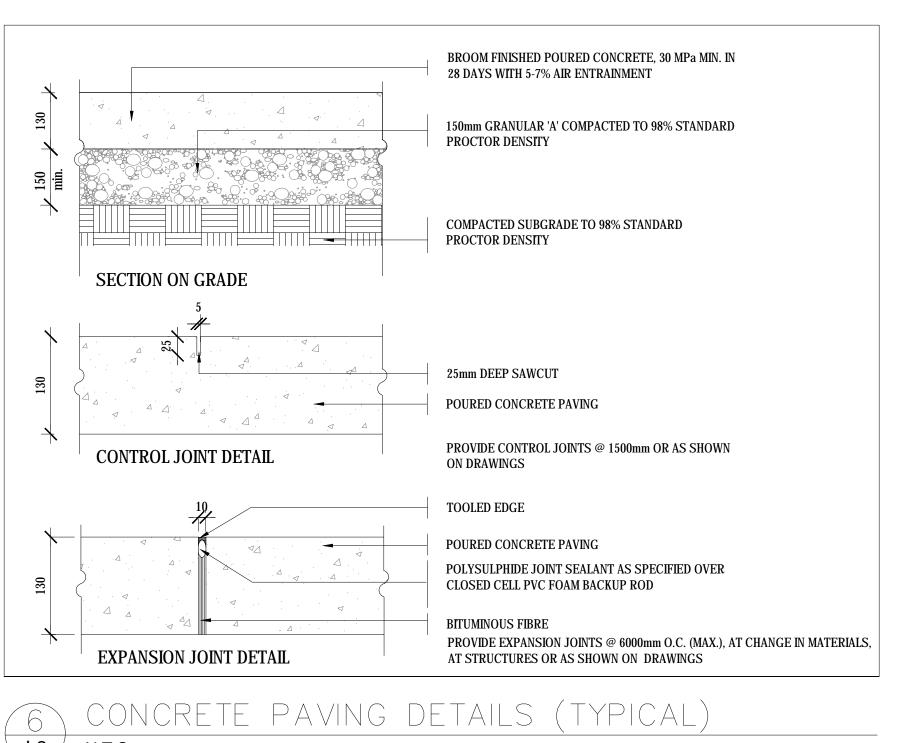


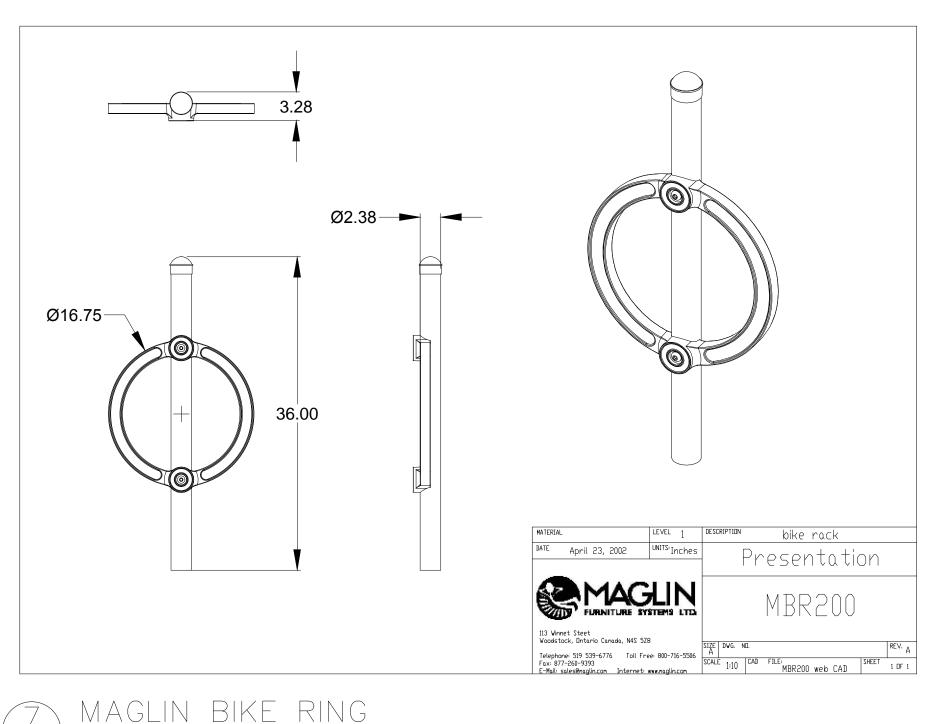
3 DECIDUOUS TREE PLANTING DETAIL L2 N.T.S.

Landscape Specifications L-2 n.t.s.









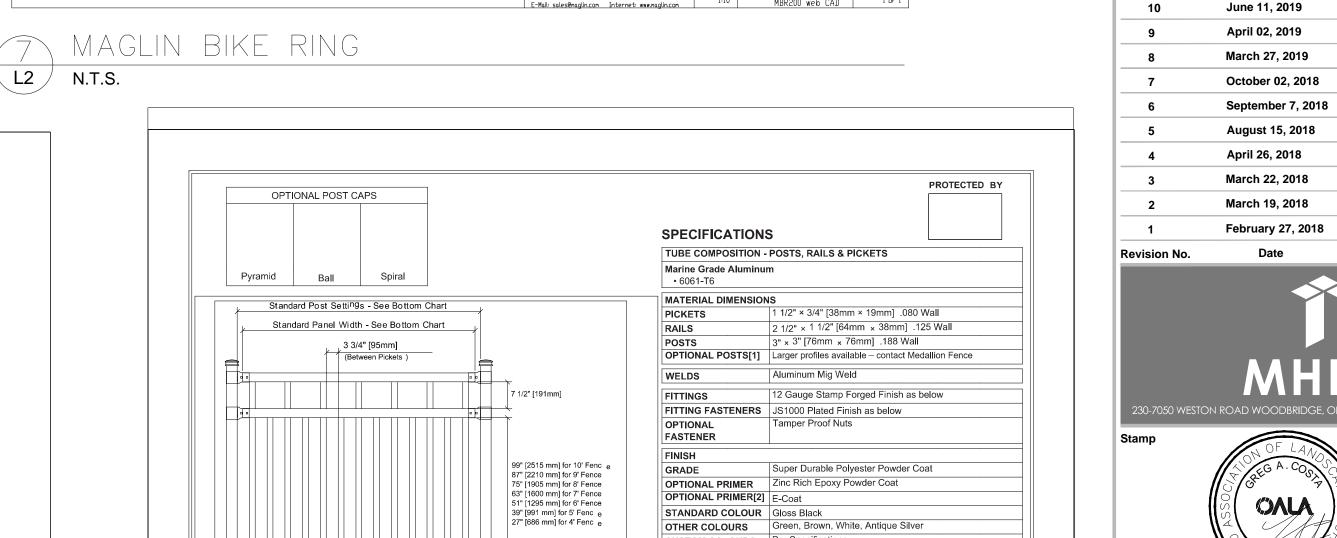


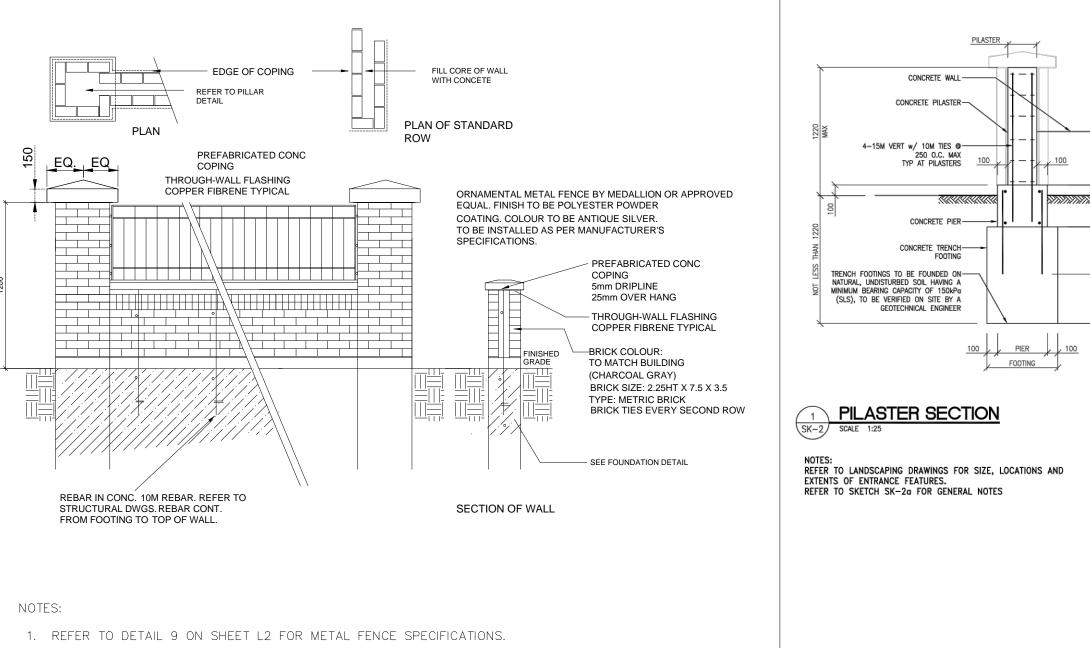
8 ENTRANCE FEATURE - MASONRY

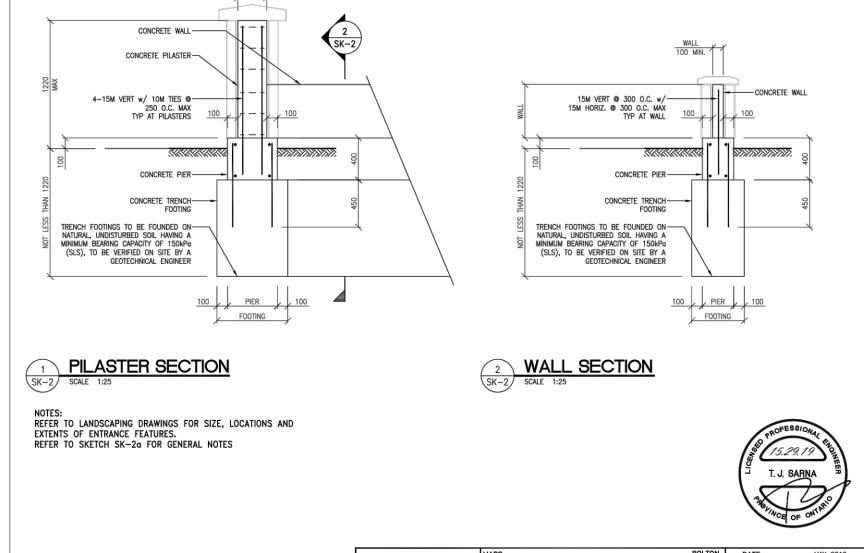
L2 N.T.S.









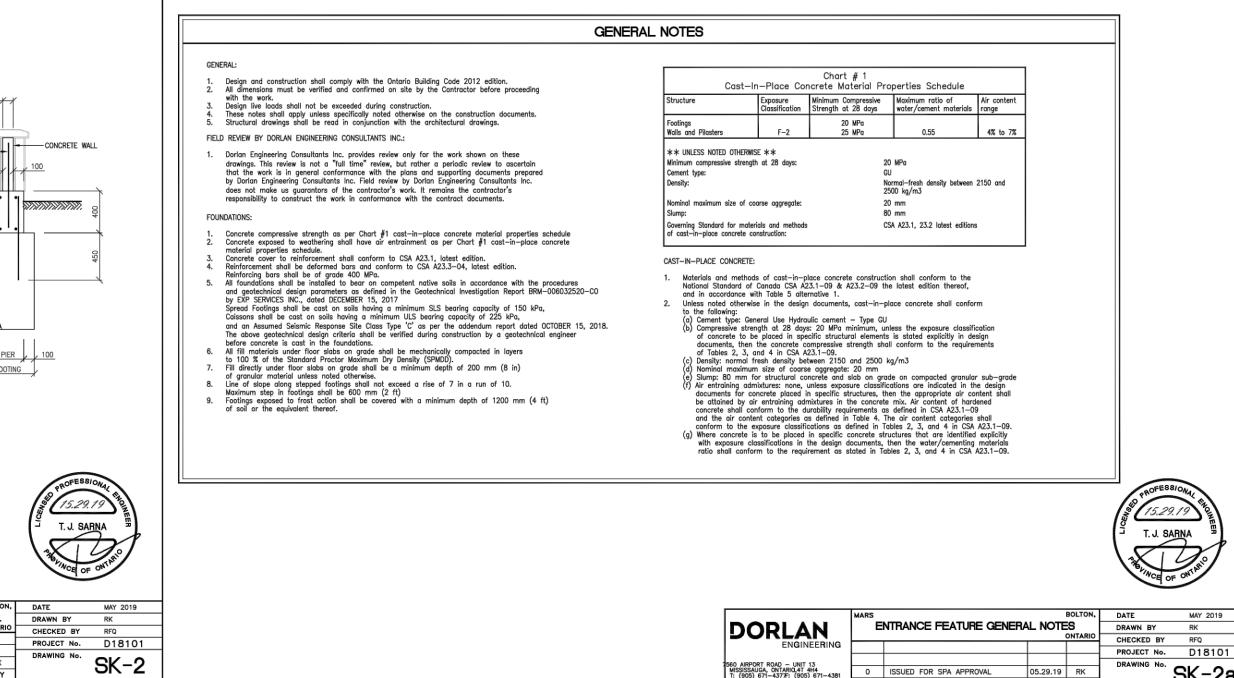


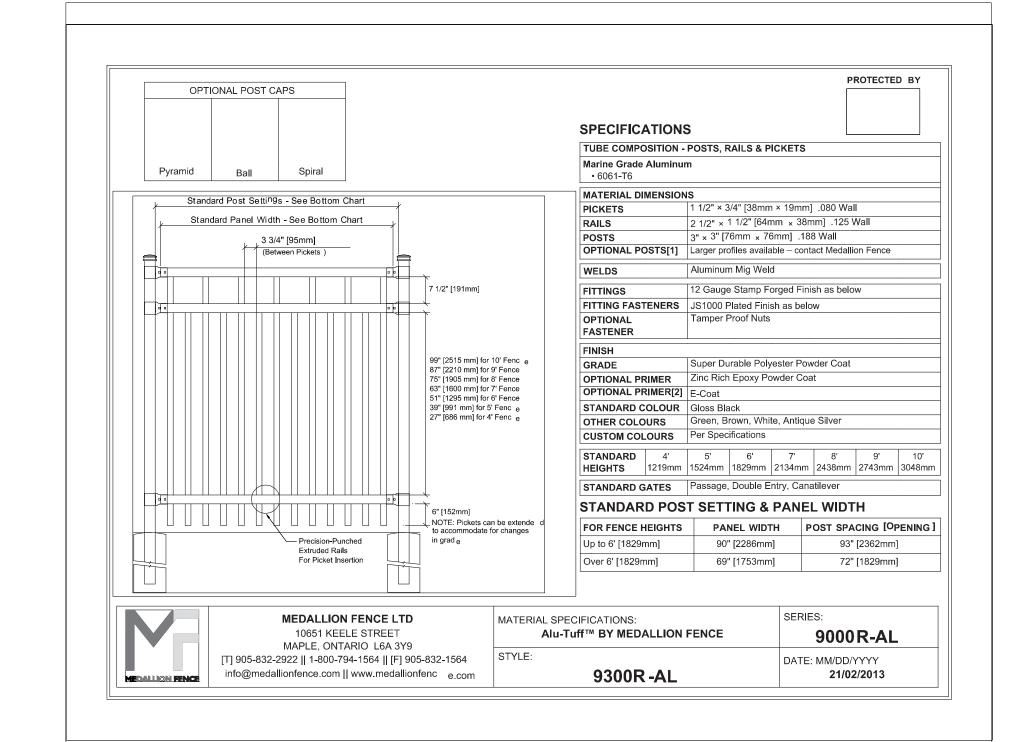
ENTRANCE FEATURE FOUNDATION DETAIL DRAWN BY

ISSUED FOR SPA APPROVAL 05.29.19 RK

ONTARIO CHECKED BY RFQ

PROJECT No. D18101





9 ENTRANCE FEATURE — ORNAMENTAL METAL FENCE L2 / N.T.S.

Issued for SPA PD PD August 15, 2018 Issued for SPA April 26, 2018 Issued for SPA LK March 22, 2018 **Issued for Review** PD March 19, 2018 **Issued for Review** PD February 27, 2018 **Issued for Review** Issued / Revision February, 2018 Drawn By Plan Scale as noted File No. 1358I **ISSUED FOR TENDER ONLY** NOT FOR CONSTRUCTION Checked By All drawings and specifications are instruments of service and will remain the property of MHBC Planning and must be returned at the completion of the work. This drawing shall not be used for construction purposes unless the drawings are marked 'Issued for Construction' and the professional seal is SPA 19-0044 signed and dated by the landscape architect. **Triovest and Boltcol** North Development Town of Caledon Dwg No. LANDSCAPE DETAILS

N: $1358\I - Bolton\Landscape\March 2021\1358\Landscape\Plan - 03.01.2021.dwg$