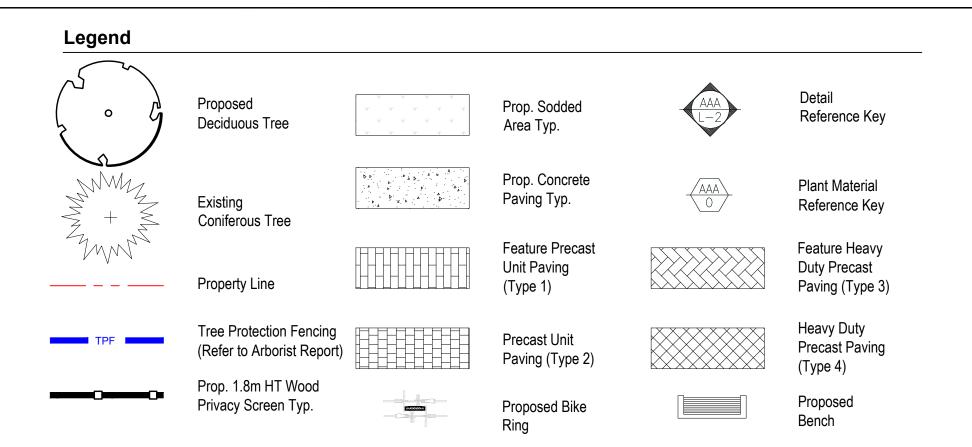
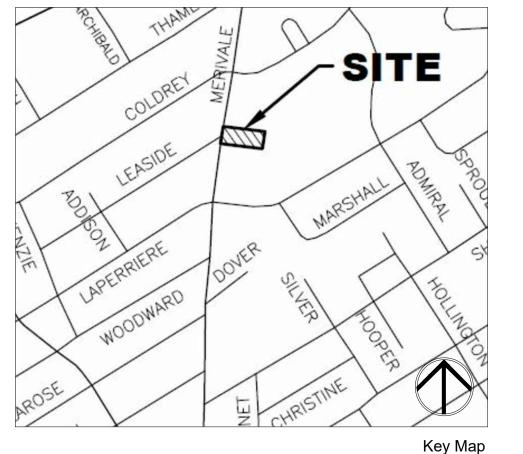
### **Proposed Plant Material List** HT/CAL SPREAD ROOT DROUGHT NATIVE REMARKS KEY | QNTY | BOTANICAL NAME COMMON NAME DECIDUOUS SHRUBS CNF 1 | Cornus sericea 'Farrow' Yes | Full Form Arctic Fire Dogwood 80 cm High SCA 1 Sambucus canadensis 80 cm C.G. Yes Full Form Elderberry High ORNAMENTAL GRASSES SCS 5 Schizachyrium scoparium Little Bluestem 2 Gal. High Yes Full Form — Native PERENNIALS EPP 6 Echinacea pallida Pale Purple Coneflower Yes Full Form High 2 Gal. | High FVR 3 Fragaria virginiana Yes Full Form Wild Strawberry MOF 5 Monarda fistulosa 2 Gal. Yes Full Form Bergamot High GROUNDCOVER 2 Gal. | High | Yes | Full Form COB 40 Cornus canadensis Bunchberry ALL QUANTITIES IN THE LIST OF PLANT MATERIALS ARE TO BE CHECKED BY THE LANDSCAPE CONTRACTOR. ANY DISCREPANCIES ARE TO BE REPORTED TO THE LANDSCAPE ARCHITECT. THE QUANTITIES INDICATED ON THE DRAWINGS SUPERCEDE THE TOTAL QUANTITIES







**BIOSIS** DESIGNS Marc Amyot

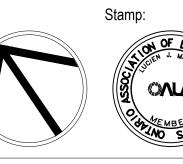
Assera Property Group 389 Hepatica Way, Orleans, Ontario, K4A0Z1 613-614-3992 marc@assera.ca



Owner:

SNOW REMOVAL NOTE: Excess snow to be trucked off site.

North:	Stamp:	
No.	Revision	Date
01	Issued for Coordination	04/26/24
02	Issued for Coordination	05/08/24
03	Issued for Coordination	07/09/24
04	Revised per Amenity	07/12/2
05	Issued for SPA #1	07/15/24
06	Issued for Coordination	10/24/24
07	Issued for Coordination	11/15/24
08	Issued for SPA #2	12/09/24
09	Issued for Permit	01/17/2
10	Re-Issued for Resubmission	02/11/25
11	Issued for SPA #3	04/16/25



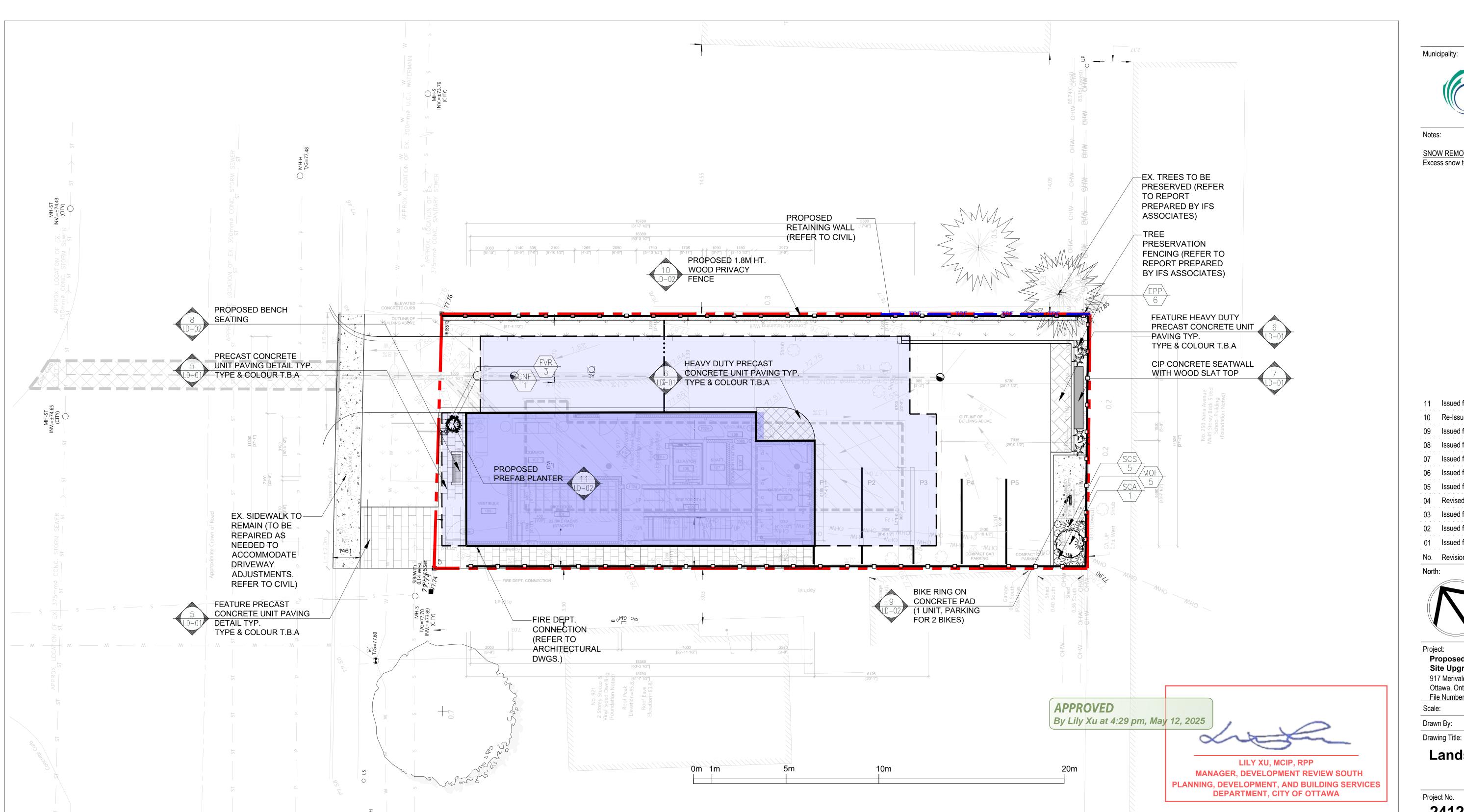
Proposed Landscape and Site Upgrades 917 Merivale Road,

Ottawa, Ontario. File Number: D07-12-24-0067 1:100 Date: APRIL 2024

A.L. Checked By: L.M. Drawn By:

Landscape Plan

Project No. Sheet No. L1-01



CONTRACTOR MUST CONTACT ALL UTILITY COMPANIES FOR STAKE OUTS PRIOR TO ANY EXCAVATION OR PLANTING.

ROUGH GRADE AND FILL AREAS TO ESTABLISH SUBGRADE AS REQUIRED. PROVIDE DRAINAGE PATTERN AS INDICATED ON DRAWINGS. ROUND SMOOTHLY ALL TOPS AND TOES OF SLOPES. COMPACT ALL AREAS TO 95% STANDARD PROCTOR DENSITY UNLESS SPECIFIED OTHERWISE. EXISTING TREES TO REMAIN ON SITE ARE TO BE PROTECTED AS DETAILED.

FINE GRADE ALL AREAS TO FINISHED GRADES AS SHOWN ON LAYOUT OR GRADING PLAN OR ARCHITECT'S SITE PLAN. PROVIDE UNIFORM SLOPES AWAY FROM THE BUILDING, UNLESS SPECIFIED OTHERWISE. SLOPES MAY NOT EXCEED 33 1/3% (3:1).

SCARIFY THE SUBSOIL PRIOR TO THE SPREADING THE TOPSOIL. REMOVE ALL DEBRIS AND LEAVE A FINE-TEXTURED EVEN SURFACE. ALL TOPSOIL TO BE IMPORTED UNLESS PREVIOUSLY APPROVED BY LANDSCAPE ARCHITECT. OBTAIN APPROVAL FOR THE QUALITY OF ANY IMPORTED TOPSOIL BEFORE DELIVERY TO THE SITE. TOPSOIL IS TO BE COMPACTED. TO CREATE A FIRM AND EVEN SURFACE.

USE NO. 1 GRADE TURFGRASS NURSERY SOD WHICH CONFORMS WITH THE SPECIFICATIONS OF THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO. ALL LAWN AREAS SHALL RECEIVE A MINIMUM OF 100MM (4") OF COMPACTED TOPSOIL, AND SHALL BE SODDED WITH #1 KENTUCKY BLUEGRASS - FESCUE. NO SOD SLOPES ARE TO EXCEED 3:1. SLOPE IN EXCESS OF 4:1 TO BE PEGGED.

MINERAL FERTILIZER APPLY THE FOLLOWING MINERAL FERTILIZER UNLESS SOILS TESTS SHOW OTHER REQUIREMENTS:

1. SODDED AREAS - 11% NITROGEN, 8% PHOSPHORUS AND 4% POTASH (11-8-4) AT THE RATE OF 4.5 KG OVER M2 (10 LBS OVER 1000 SQ.

2. PLANTING BEDS - 7% NITROGEN, 7% PHOSPHORUS AND 7% POTASH (7-7-7) AT THE RATE OF 40 GRAMS (4 OZ.) FOR EVERY BUSHEL OF

PREPARATION OF PLANTING BEDS

ALL PLANT BEDS TO BE CONTINUOUS. EXCAVATE ALL PLANTING BEDS TO THE DEPTH AS INDICATED ON THE DRAWINGS AND DETAILS, MIN 450mm(18"). BACKFILL ALL PLANTING BEDS WITH A SOIL MIXTURE CONSISTING OF SIX (6) PARTS OF SAND LOAM, ONE (1) PART OF FINELY PULVERIZED PEAT MOSS, TWO (2) PARTS OF WELL-ROTTED MANURE AND THE MINERAL FERTILIZER AS SPECIFIED ABOVE. ALSO ADD .58 KILOS BONEMEAL/CUBIC METER OF PLANTING SOIL (1 LB./CUBIC YARD). PREPARE THE PLANTING BEDS FOR PLANTING BEFORE THE DELIVERY OF THE PLANT MATERIAL TO THE JOB SITE.

NOTE: IF THE EXISTING SOIL CONDITIONS ARE CLAY OR WET IN NATURE, CONTACT THE LANDSCAPE ARCHITECT FOR INSTRUCTIONS OF A SUITABLE SOIL MIXTURE. FAILURE TO DO THIS MAY RESULT IN DELAY OF APPROVAL AND ACCEPTANCE. PLANT MATERIALS

ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS OF THE CANADIAN NURSERY TRADES ASSOCIATION FOR SIZE AND

OF PLANTING OPERATIONS. ALL PLANT MATERIAL TO BE CLAY GROWN STOCK UNLESS OTHERWISE NOTED.

ALL SHRUB AND TREE MATERIAL SHALL BE CONTAINER GROWN, POTTED, S/B OR B/B, UNLESS OTHERWISE NOTED. BARE ROOT PLANTING SHALL BE ACCEPTABLE FOR CERTAIN SPECIES DURING EARLY SPRING OR LATE FALL PLANTING SEASON. CONTRACTOR SHALL MAKE REQUESTS FOR ROOT CONDITION SUBSTITUTION IN WRITING TO THE LANDSCAPE ARCHITECT PRIOR TO COMMENCEMENT

# LANDSCAPE SPECIFICATIONS

## PLANT MATERIAL INSTALLATION

ALL TREES, SHRUBS AND GROUNDCOVERS SHALL BE PLANTED AS DETAILED & AS SHOWN ON THE PLANTING PLAN. ALL BEDS TO RECEIVE A COVER OF CLEAN MULCH TO A DEPTH OF 100mm(4"). FOR GUYING AND STAKING TREES, REFER TO PLANTING DETAILS. WRAP ALL DECIDUOUS TREES UNDER EXPERIENCED SUPERVISION ONLY TO THE SPECIFICATIONS OF THE ONTARIO LANDSCAPE

PLANT MATERIAL SIZES AND CONDITIONS ARE TO BE AS INDICATED ON THE LANDSCAPE DRAWING.

THE INDIVIDUAL PLANT GROUPING TOTAL AS ILLUSTRATED ON THE PLANTING PLAN SUPERSEDES THE ESTIMATED QUANTITY ON THE MASTER PLANT LIST. CONTRACTOR MUST REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT IN WRITING BEFORE COMMENCING ANY WORK. CONTRACTOR WILL ASSUME FULL RESPONSIBILITY IF LANDSCAPE ARCHITECT IS NOT NOTIFIED OF

\* MULCH - SHREDDED PINE MULCH BY "GRO BARK" OR APPROVED EQUAL. LANDSCAPE ARCHITECT TO APPROVE MULCH BEFORE INSTALLATION.

### **GENERAL MAINTENANCE**

PROPER MAINTENANCE PROCEDURES ARE TO BE FULLY ADMINISTERED FOR ALL NEWLY CONSTRUCTED LANDSCAPE WORK, IN ACCORDANCE WITH LANDSCAPE ONTARIO SPECIFICATIONS (SECTION 1E - MAINTENANCE WORK). THIS SHALL APPLY ONLY DURING THE CONSTRUCTION PERIOD, UNLESS OTHERWISE SPECIFIED. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF SOD AND PLANTING UNTIL FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT.

## RODENT PROTECTION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL TREES AND SHRUBS FOR WINTER PROTECTION AND FROM RODENT INJURY FOR THE DURATION OF GUARANTY PERIOD. PROTECTIVE GUARDS SHALL BE EMPLOYED AROUND ALL DECIDUOUS TREES. GUARDS TO BE 150MM DIA. PVC PIPE OR AS MUNICIPAL GUIDELINES. GUARDS SHALL BE INSTALLED PRIOR TO THE APPLICATION OF THE MULCH AND SHOULD BE PLACED A MINIMUM OF 50MM (2") OUT FROM THE TREE TRUNK ON ALL SIDES.

ALL SHRUBS AND CONIFEROUS TREES SHALL HAVE AN APPLICATION OF "SKOOT" OR APPROVED EQUIVALENT RODENT FORMULA, TO BE APPLIED AT THE END OF OCTOBER. FOLLOW MANUFACTURER'S DIRECTIONS FOR APPLICATION.

USE ABOVE SPECIFICATIONS IN CONJUNCTION WITH THE GENERAL LANDSCAPE SPECIFICATIONS OF THE ONTARIO LANDSCAPE CONTRACTORS ASSOCIATION, THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO AND WITH THE GUIDE SPECIFICATIONS FOR NURSERY STOCK OF THE CANADIAN NURSERY TRADES ASSOCIATION. USE ONLY PLANT MATERIAL TRUE TO NAME, SIZE AND GRADE AS SPECIFIED ON PLANTING PLAN: PROVIDE SUFFICIENT LABELS OR MARKINGS TO INDICATE CLEARLY THE VARIETY, SIZE AND GRADE OF EACH SPECIMEN OR BUNDLE.

OBTAIN APPROVAL FOR SUBSTITUTIONS AS TO VARIETY, SIZE OR GRADE FROM THE LANDSCAPE ARCHITECT. USE ONLY NURSERY STOCK GROWN UNDER PROPER HORTICULTURAL PRACTICES, VIABLE, FREE FROM PEST AND DISEASE AND UNDAMAGED. CHECK LOCATIONS AND OBTAIN STAKEOUTS OF ALL UTILITY LINES BEFORE EXCAVATION. OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCEMENT OF CONSTRUCTION. REPORT IN WRITING ANY DISCREPANCIES IN THE DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS TO THE LANDSCAPE ARCHITECT BEFORE THE END OF THE BIDDING PROCESS AND COMMENCEMENT OF CONSTRUCTION. THESE SPECIFICATIONS MAY BE SUPERCEDED BY ADDITIONAL SPECIFICATIONS SET OUT IN THE TENDER DOCUMENTS. CONTRACTOR TO REVIEW ALL DOCUMENTS

PROVIDE ONE FULL YEAR GUARANTEE ON ALL LANDSCAPE WORK FROM DATE OF FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT. GUARANTEE PERIOD MAY BE EXTENDED TO TWO FULL YEARS DEPENDING ON MUNICIPAL STANDARDS. CONTRACTOR TO VERIFY WITH OWNER AND LANDSCAPE ARCHITECT.

# PLANT MATERIAL INSTALLATION

NOTE: USE "POLYMERIC

JOINTING SAND" WITH ALL

NOTE REGARDING SAW CUTS:

NO CUT PIECES SHOULD BE

UNIT PAVER APPLICATIONS

Precast Unit paving - refer to plan for

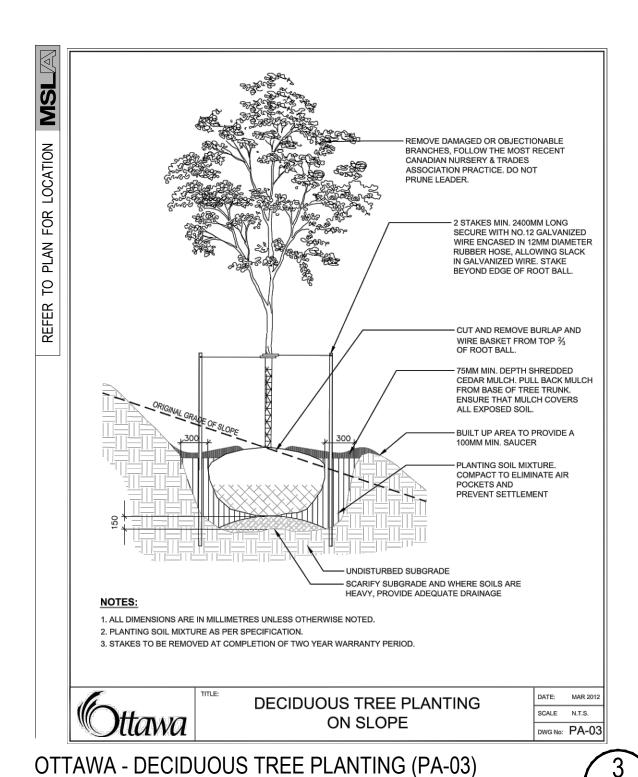
type and pattern of paving.

25 mm bedding sand - compact

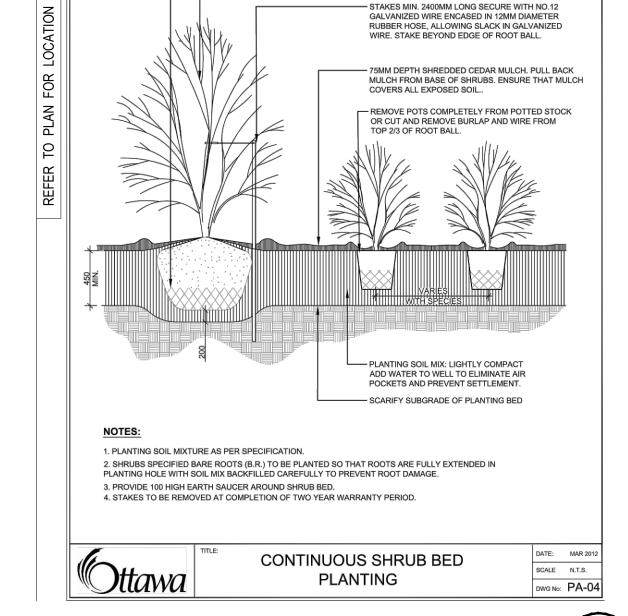
Jointing sand- fill all joints with

(min. 80mm)

to 95% S.P.D.



SCALE: N.T.S. DATE:



CUT AND REMOVE BURLAP AND WIRE BASKET FROM TOP

REMOVE DAMAGED OR OBJECTIONABLE

PRACTICE, DO NOT PRUNE LEADER.

BRANCHES. FOLLOW THE MOST RECENT CANADIAN NURSERY & TRADES ASSOCIATION

2/3 OF ROOT BALL

OTTAWA - CONTINUOUS SHRUB BED PLANTING (PA-04) SCALE: N.T.S. DATE:

MARTON SMITH LANDSCAPE ARCHITECTS

170 The Donway W Suite 206. Toronto, Ontario, Canada. M3C 2G3 tel. 416.492.9966 | email. info@msla.ca

Architect:



Owner:

Marc Amyot Assera Property Group 389 Hepatica Way, Orleans, Ontario, K4A0Z1 613-614-3992 marc@assera.ca

Municipality:



SNOW REMOVAL NOTE: Excess snow to be trucked off site.

11 Issued for SPA #3

Issued for Permit

Issued for SPA #2

07 Issued for Coordination

06 Issued for Coordination

Revised per Amenity

03 Issued for Coordination

02 Issued for Coordination

No. Revision

North:

Issued for Coordination

05 Issued for SPA #1

Re-Issued for Resubmission

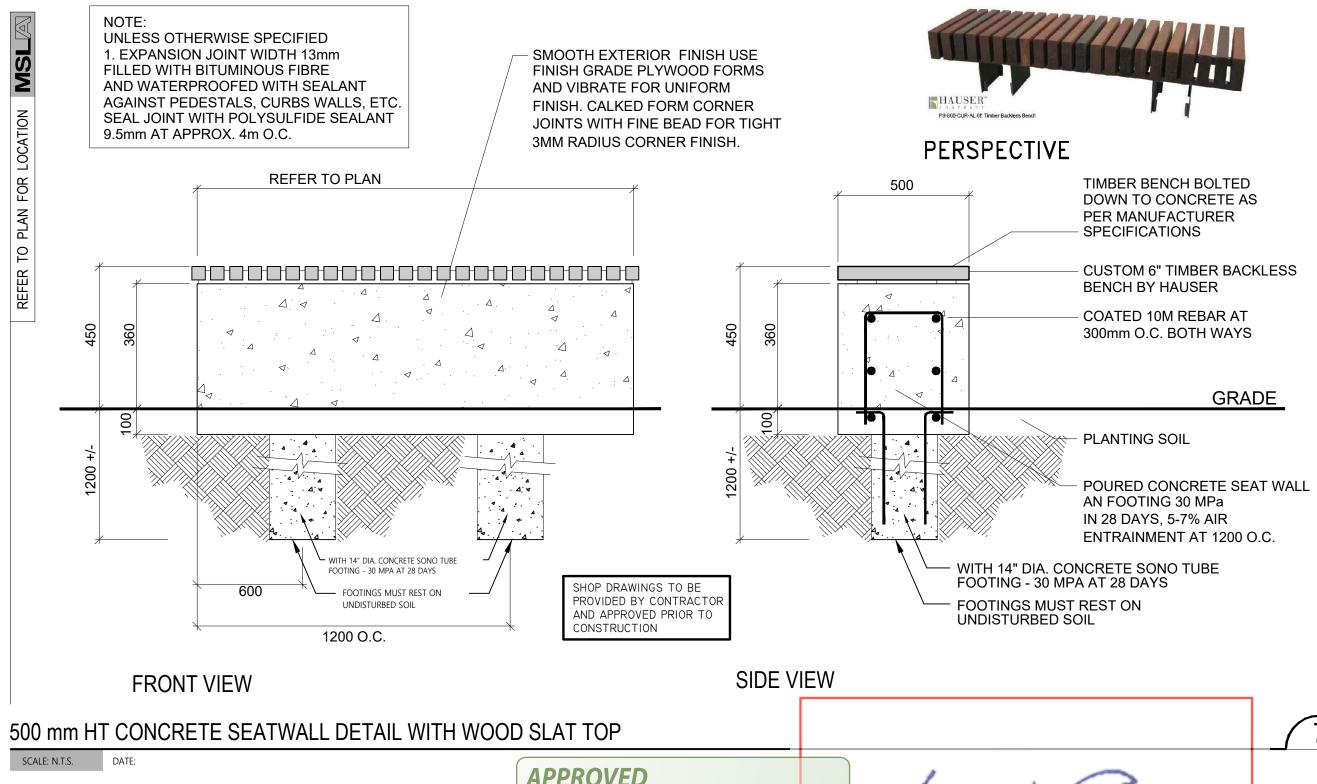
Face of building Concrete unit paving - refer to plan 25 x 300 rigid foam for type and pattern of paving. insulation - continuous 25 mm bedding sand - compact to along building wall 95% S.P.D. - 200 mm granular "A" - compact to 95% S.P.D. Expansion joints 2 to 4% minimum slope ----Refer to curb detail Thoroughly compacted subgrade SECTION ADJACENT BUILDING WITH CURB compact to 98% S.P.D. Concrete unit paving - refer to plan for NOTE: USE "POLYMERIC type and pattern of paving. JOINTING SAND" WITH ALL UNIT PAVER APPLICATIONS - 25 mm bedding sand - compact to AS PER TCHC STANDARDS 95% S.P.D. 200 mm granular "A" - compact to 95% S.P.D. 2 to 4% minimum slope — -Structure Edge aluminum paver restraint by Permoloc with 9.5mm x 254mm spiral steel spike at 305 O.C. (typ.) or 102mm O.C. min. To be installed per manufacturer's specifications. Thoroughly compacted subgrade SECTION AT GRADE WITHOUT CURB compact to 98% S.P.D. PEDESTRIAN PRECAST CONC. PAVER DETAIL

SCALE: N.T.S. WITH ALUMINUM EDGE RESTRAINT

SMALLER THAN 40% OF THE sand free of organics and salts ORIGINAL PAVER SIZE 150mm granular 'A' - compact to 95% S.P.D. 250mm granular 'B' - compact to 95% S.P.D. DROPPED CURB AT ENTRANCES SLOPE TO C CATCH BASIN - Adjacent paving refer to plan for type and pattern of paving -CONC. CURB (REFER TO 600.11-1 CONC. **BARRIER CURB** DETAIL) NOTE: Granular base and sub-base Thoroughly compacted subgrade information are minimum requirements. compact to 95% S.P.D. All granular base materials must meet or Undisturbed Soil the recommendations of the project soil engineering report for the vehicular VARIES - REFER TO PLAN use/loads required & to be approved by the geo-technical engineer prior to HEAVY DUTY (VEHICULAR) PRECAST

CONCRETE UNIT PAVER INSTALLATION DETAIL

SCALE: N.T.S. Vehicular Detail to be approved by Civil or Geotechnical Engineer prior to construction



**APPROVED** By Lily Xu at 4:29 pm, May 12, 2025 LILY XU, MCIP, RPP MANAGER, DEVELOPMENT REVIEW SOUTH PLANNING, DEVELOPMENT, AND BUILDING SERVICES

**DEPARTMENT, CITY OF OTTAWA** 

Project: Proposed Landscape and **Site Upgrades** 917 Merivale Road, Ottawa, Ontario. File Number: D07-12-24-0067

Scale: As Shown Date: APRIL 2024 **A.L.** Checked By: **L.M.** Drawn By:

Drawing Title:

Landscape **Details** 

Project No. Sheet No.

04/16/25

12/09/24

11/15/24

10/24/24

07/15/24

07/12/24

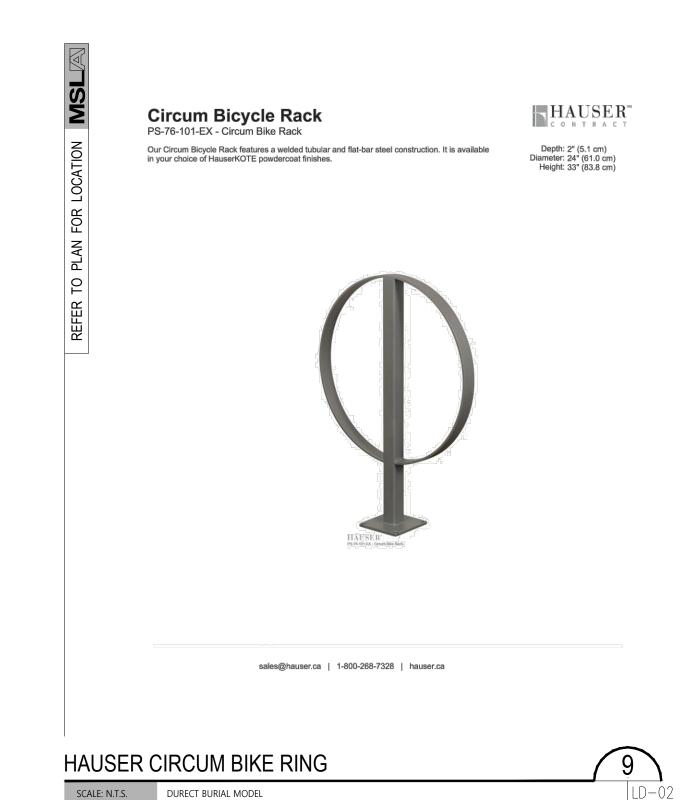
07/09/24

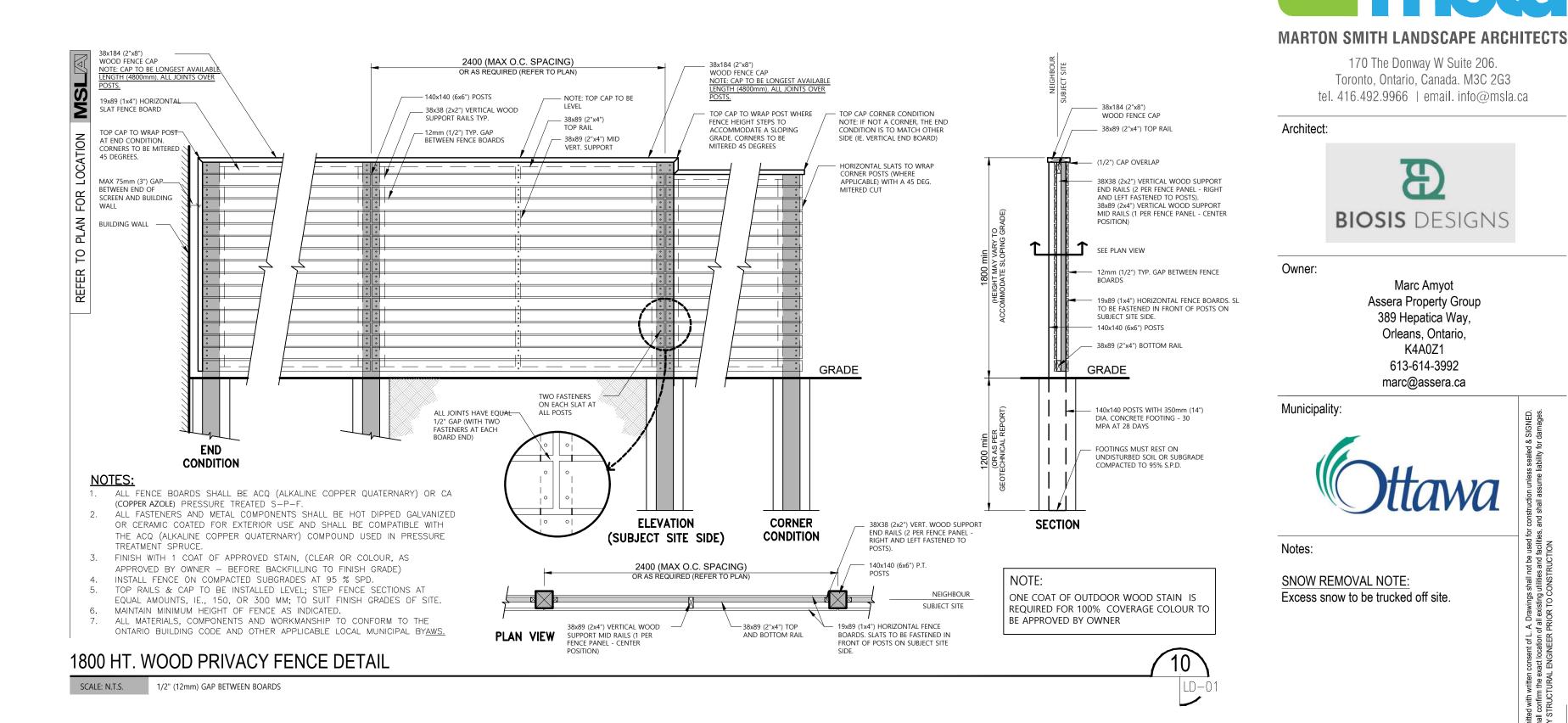
05/08/24

04/26/24

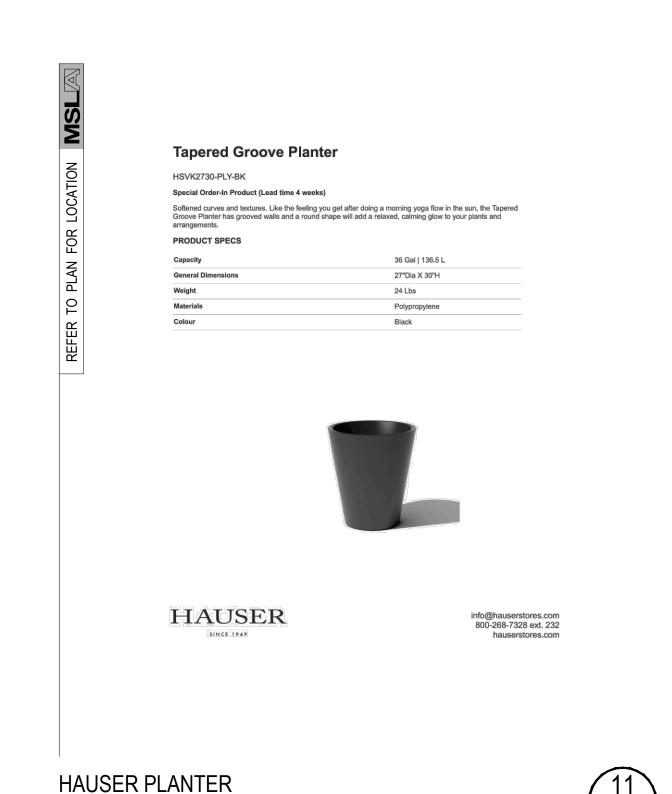
Date



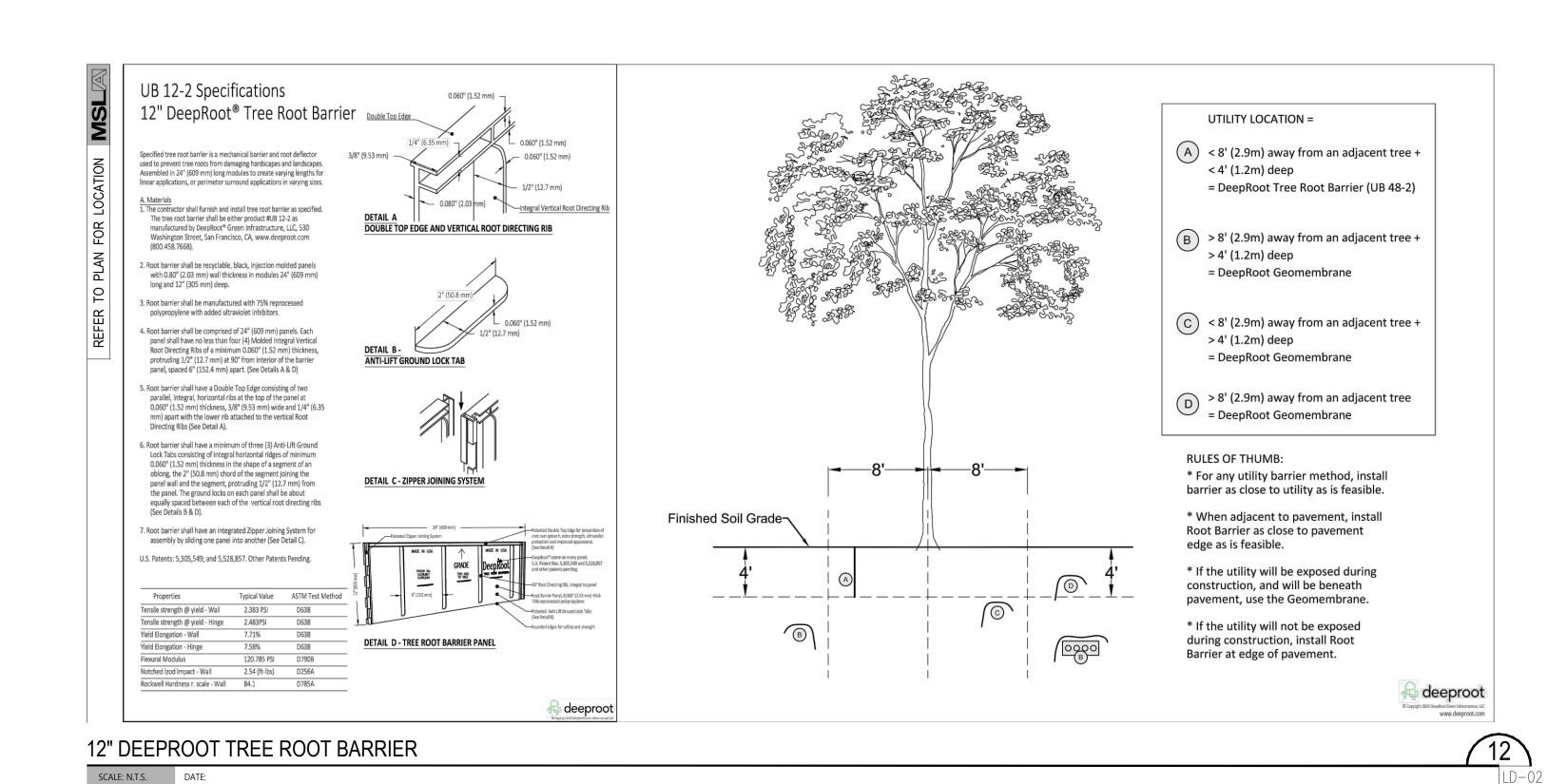


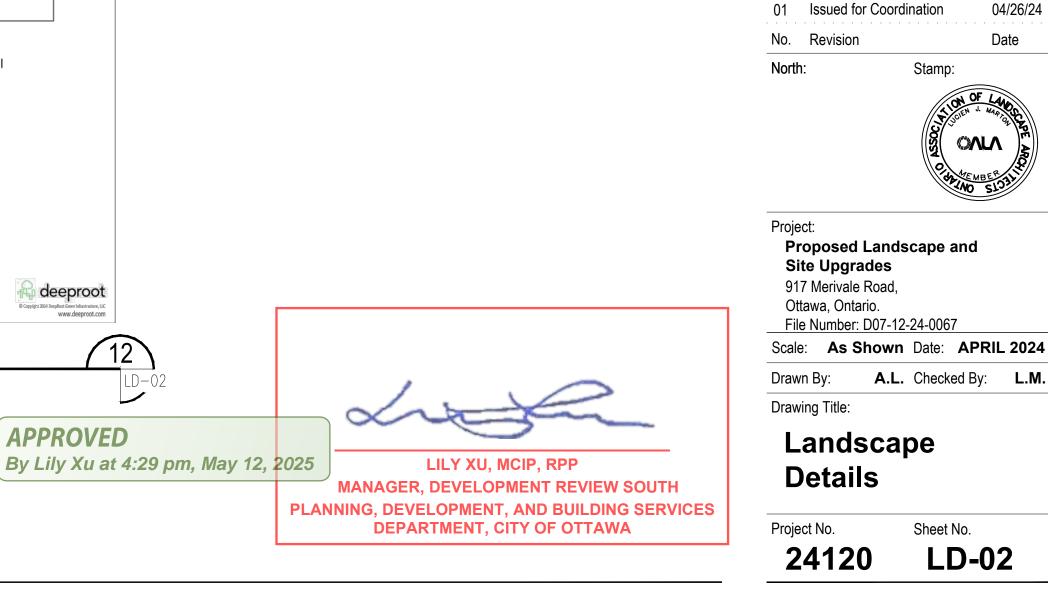


**APPROVED** 



SCALE: N.T.S. DURECT BURIAL MODEL





170 The Donway W Suite 206.

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**BIOSIS** DESIGNS

Marc Amyot

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K4A0Z1 613-614-3992

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