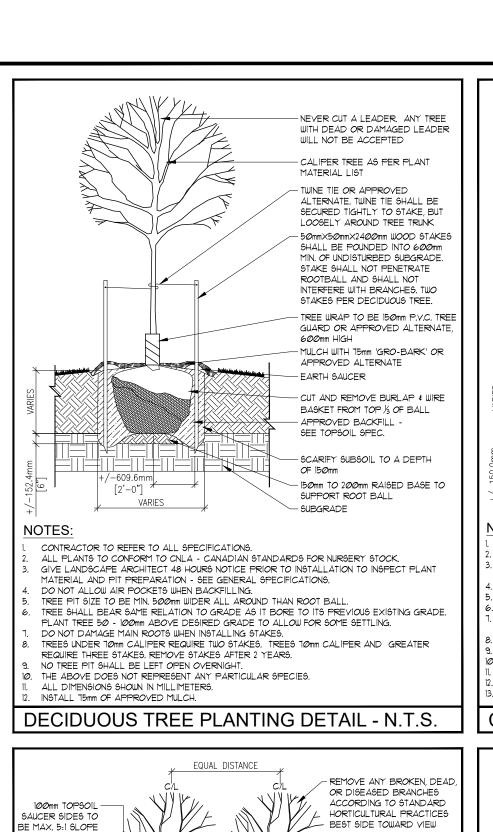


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	OCT.16.23	166UED FOR SPA	٦.
	OCT.12.23	166UED FOR REVIEW	6.
	JUL.27.23	166UED FOR COORD	5.
	APR.28.23	ISSUED FOR SPA	4.
	APR.25.23	166UED FOR REVIEW	3.
	APR.18.23	ISSUED FOR COORDINATION	2.
	MAR21.23	166UED FOR REVIEW	1.
Ī	DATE	DESCRIPTI <i>O</i> N	No.





ALL PLANTS TO CONFORM TO CNLA - CANADIAN STANDARDS FOR NURSERY STOCK.

OF ROOT BALL (B\$B PLANT MATERIALS), REMOVE PLANTS FROM PLASTIC CONTAINERS

MATERIAL AND PIT PREPARATION - SEE GENERAL SPECIFICATIONS.

SHRUBS PLANTED IN GROUPS SHALL BE SET IN CONTINUOUS BED.

SHRUB PLANTING DETAIL - N.T.S.

THE ABOVE DETAIL DOES NOT REPRESENT ANY PARTICULAR SPECIES.

1.2m MINIMUM

CONTRACTOR TO REFER TO ALL SPECIFICATIONS.

O NOT ALLOW AIR POCKETS WHEN BACKFILLING.

ALL DIMENSIONS SHOWN IN MILLIMETERS.

INSTALL 15MM OF APPROVED MULCH.

(CONTAINER GROWN MATERIALS)

UNLESS OTHERWISE NOTED.

MBR350-5-S

MAGLIN

BIKE RACK DETAIL - N.T.S.

BUILDING — EDGE

ELEVATION (NEXT TO BUILDING)

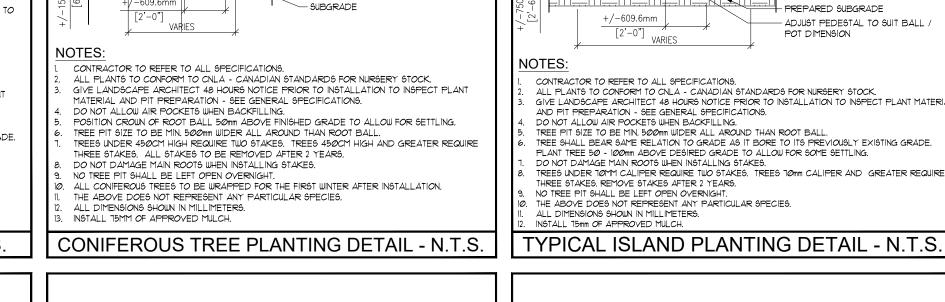
SEE NOTE #11

NOTED

SEE NOTE #12

PLAN VIEW (NEXT TO BUILDING)
TYPICAL

BUILDING -



/−609.6mm |

NEVER CUT A LEADER. ANY TREE WITH

DEAD OR DAMAGED LEADER WILL NOT

TWINE TIE OR APPROVED ALTERNATE.

TWINE TIE SHALL BE SECURED TIGHTLY TO STAKE, BUT LOOSELY AROUND TREE

-50mm×50mm×2400mm WOOD STAKES

SHALL BE POUNDED INTO 600mm MIN. OF

NOT PENETRATE ROOTBALL AND SHALL

NOT INTERFERE WITH BRANCHES TWO

STAKES PER CONIFEROUS TREE.

APPROVED ALTERNATE

- EARTH SAUCER

TOPSOIL SPEC.

SUPPORT ROOT BALL

- MULCH WITH 15MM 'GRO-BARK' OR

- CUT AND REMOVE BURLAP & WIRE

BASKET FROM TOP 1/2 OF BALL

APPROVED BACKFILL - SEE

SCARIFY SUBSOIL TO A DEPTH

- 150mm TO 200mm RAISED BASE TO

UNDISTURBED SUBGRADE. STAKE SHALL

- NEVER OUT A LEADER. ANY TREE WIT

DEAD OR DAMAGED LEADER WILL NO

- CALIPER TREE AS PER PLANT MATERI

- TWINE TIE OR APPROVED ALTERNATE

TWINE TIE SHALL BE SECURED TIGHTL

TO STAKE, BUT LOOSELY AROUND TRE

-50mm×50mm×2400mm WOOD STAKES

SHALL BE POUNDED INTO 600mm MI

OF UNDISTURBED SUBGRADE, STAKE

SHALL NOT PENETRATE ROOTBALL AN

SHALL NOT INTERFERE WITH BRANCHE

TWO STAKES PER DECIDUOUS TREE.

SHRUBS AND PERENNIALS AS PER

- MULCH WITH 15MM 'GRO-BARK' OR

TOPSOIL SPEC. - CUT AND REMOVE BURLAP & WIRE

STORMWATER SEWER SYSTEM (OPTION

- ADJUST PEDESTAL TO SUIT BALL /

BASKET FROM TOP 1/3 OF BALL

- DRAINAGE PIPE CONNECTS TO

- PREPARED SUBGRADE

POT DIMENSION

CONTRACTOR TO REFER TO ALL SPECIFICATIONS.

AND PIT PREPARATION - SEE GENERAL SPECIFICATIONS.

DO NOT DAMAGE MAIN ROOTS WHEN INSTALLING STAKES.

ALL DIMENSIONS SHOWN IN MILLIMETERS.

PLANTINGS AS PER LANDSCAPE -

PLANTING BED OR SOD -

COMPACTED GRANULAR BASE -

FOOTING MIN. 1'-0" BELOW

COMPACTED SUBGRADE —

TYPICAL SECTION LAYOUT

CONTRACTOR TO REFER TO ALL SPECIFICATIONS.

BOULDERS ARE TO BE THE FOLLOWING SIZES:

ARMOURSTONE DETAIL - N.T.S.

80% = 600 × 450 × 600

20% = 450× 450 × 300

CONTRACTOR TO SUPPLY AND INSTALL LARGE 'LIMESTONE ARMOURSTONE' OR APPROVED

LANDSCAPE BOULDERS AS INDICATED ON PLANS ARE SCHEMATIC ONLY, EXACT PLACEMENT

CONTRACTOR TO INSTALL LANDSCAPE FABRIC (FILTER FABRIC) UNDERNEATH BOULDERS, TYP

TO BE COMPLETED UNDER THE DIRECT SUPERVISION OF THE LANDSCAPE ARCHITECT.

BOULDERS ARE TO BE BURIED 1/3 BELOW GRADE AND BACKFILLED IN 150mm LIFTS.

SURFACING

SEE NOTES

GRADE

FILTER FABRIC -

INSTALL 15mm OF APPROVED MULCH.

ALL PLANTS TO CONFORM TO CNLA - CANADIAN STANDARDS FOR NURSERY STOCK.

PLANT TREE 50 - 100mm ABOVE DESIRED GRADE TO ALLOW FOR SOME SETTLING.

GIVE LANDSCAPE ARCHITECT 48 HOURS NOTICE PRIOR TO INSTALLATION TO INSPECT PLANT MATERIA

TREE SHALL BEAR SAME RELATION TO GRADE AS IT BORE TO ITS PREVIOUSLY EXISTING GRADE.

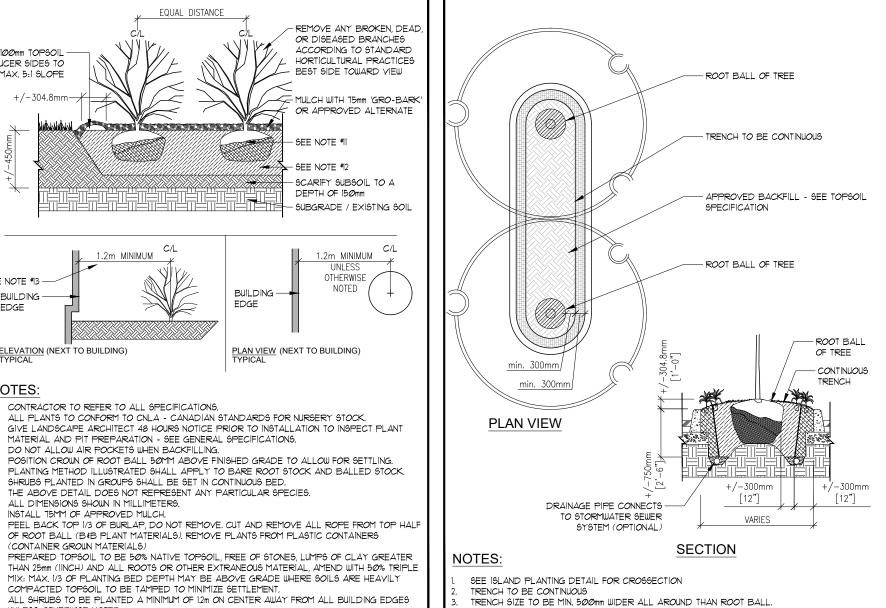
TREES UNDER 10MM CALIPER REQUIRE TWO STAKES. TREES 10mm CALIPER AND GREATER REQUIRE

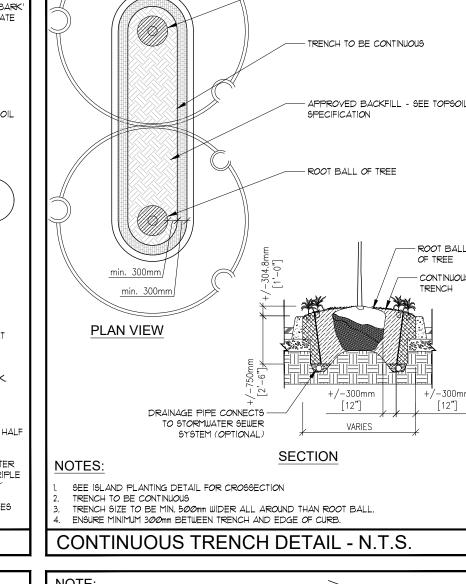
PLANT MATERIAL LIST

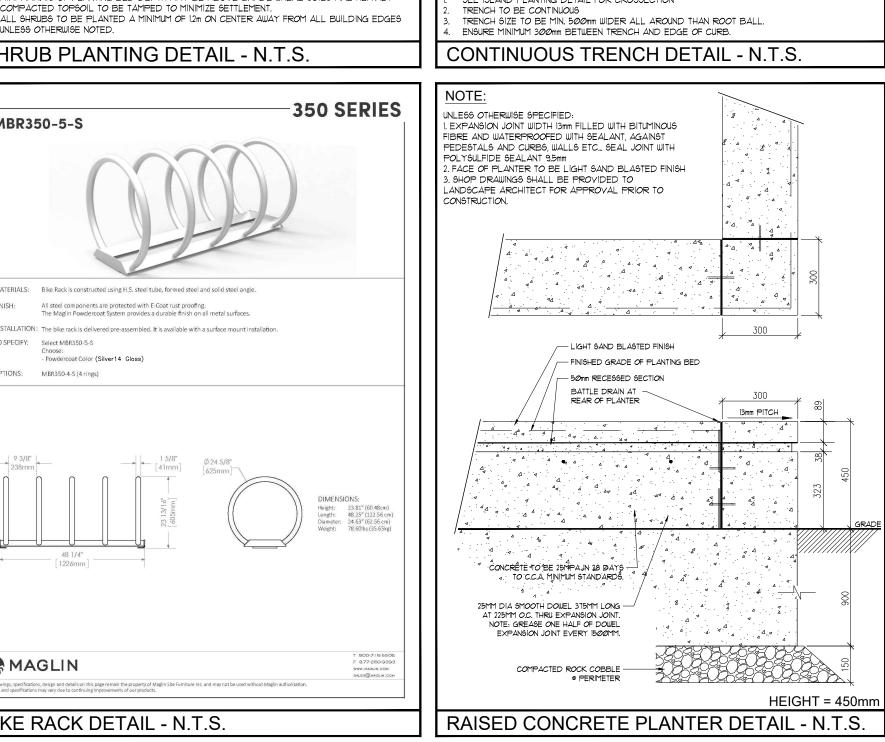
- PAVING MATERIAL

CONCRETE CURB

APPROVED ALTERNATE







GENERAL PLANTING SPECIFICATIONS:

BASE INFORMATION SUPPLIED BY TURNER FLEISCHER ARCHITECTS INC.

ENGINEERING INFORMATION SUPPLIED BY PARSONS

- CONTRACTOR TO MAKE THEMSELVES FAMILIAR WITH ALL RELATED SPECIFICATIONS. CONTRACTORS ARE RESPONSIBLE FOR REVIEW OF ALL SPECIFICATIONS AND RELATED DRAWINGS WITH SELECTED SUB-CONTRACTORS AS
- THEY PERTAIN TO WORK AS OUTLINED ON LANDSCAPE ARCHITECTURAL WORKING DRAWINGS AND SPECIFICATIONS. REPORT ALL DISCREPANCIES TO THE LANDSCAPE ARCHITECT DURING TENDERING PROCESS, ERRORS AND/OR OMISSIONS WILL BE THE
- CONTRACTOR SHALL MAINTAIN ALL LANDSCAPED AREAS UNTIL OWNER ACCEPTANCE OF PROJECT. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT IN WRITING ON COMPLETION OF PROJECT FOR A SITE WORK COMPLETION CERTIFICATE AS WELL AS THE COMMENCEMENT OF THE ACCEPTANCE OF PROJECT.
- ALL WORKMANSHIP TO BE WARRANTIED FOR ONE YEAR UNLESS OTHERWISE STATED. WARRANTY PERIOD WILL BEGIN ON FINAL

ACCEPTANCE OF PROJECT. ALL WORKMANSHIP TO COMPLY WITH THE CANADIAN LANDSCAPE STANDARDS.

NOTIFY LANDSCAPE ARCHITECT IN WRITING OF ANY SUBSTANTIAL WET CONDITIONS.

- ALL NURSERY STOCK TO BE #1 NURSERY GROWN AND MUST COMPLY WITH THE CANADIAN NURSERY LANDSCAPE ASSOCIATION'S "CANADIAN NURSERY STOCK STANDARD", LATEST EDITION. 10. ALL LANDSCAPING IS TO BE INSTALLED PRIOR TO THE END OF THE FIRST GROWING SEASON FOLLOWING THE OCCUPANCY OF THE SITE
- DEVELOPMENT UNLESS OTHERWISE STATED. II. CONTRACTOR IS RESPONSIBLE FOR ALL UNDERGROUND UTILITIES AND MUST SUPPLY THE LANDSCAPE ARCHITECT WITH COPIES OF LOCATE
- CERTIFICATES PRIOR TO COMMENCEMENT OF WORK.

GRADING I. CONTRACTOR TO ENSURE POSITIVE DRAINAGE IN ALL AREAS.

- ALL GRADING TO BE IN ACCORDANCE WITH SITE ENGINEERS DRAWINGS. SOIL SHALL BE SCARIFIED FREE OF ALL STONES, ROOTS, BRANCHES LARGER THAN I" (25MM) AND COMPACTED TO 85% S.P.D.
- ALL SUBSOIL TO BE SCARIFIED TO A DEPTH OF 6" (150 MM) PRIOR TO THE INSTALLATION OF TOPSOIL TO ENSURE NO HARDPAN
- CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF TOPSOIL TO APPROVE SUBBASE. DIRECT ALL RAINLEADERS AND SUMP LEADERS AWAY FROM PLANTING BEDS AND TO THE DESIGNATED SWALES.

- AT THE CONTRACTORS EXPENSE A SOIL TEST IS TO BE COMPLETED BY A REPUTABLE LABORATORY. THE SOIL TEST IS TO BE COMPLETED AND IF NECESSARY, RECOMMENDATIONS FROM THE LABORATORY ARE TO BE INCLUDED. THE RESULTS OF SOIL TESTS AND RECOMMENDATIONS ARE TO BE PROVIDED TO THE LANDSCAPE ARCHITECT FOR APPROVAL ONE WEEK PRIOR TO WORK COMMENCING. TOPSOIL FOR PLANTING BEDS IS TO BE A FERTILE, FRIABLE, NATURAL LOAM TO A MINIMUM DEPTH OF 18" (450MM), AND A MINIMUM DEPTH OF 4" (100MM) FOR TURE AREAS - UNLESS OTHERWISE STATED - TOPSOIL SHALL CONTAIN NOT LESS THAN 4% ORGANIC MATTER FOR CLAY LOAMS AND NOT LESS THAN 2% ORGANIC MATTER! FOR SANDY LOAM TO A MAXIMUM OF 15%, AND CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH, FREE OF SUBSOIL CONTAMINATION, ROOTS AND STONES OVER 50MM DIAMETER, REASONABLY FREE OF WEEDS, AS DETERMINED BY THE LANDSCAPE ARCHITECT, AND HAVING A pH RANGING FROM 6.0 TO 1.0.
- 3. IF TOPSOIL 15 TO BE STOCKPILED FOR USE ON SITE DEVELOPMENT, AVOID MIXING TOPSOIL WITH SUBSOIL. LIMIT HEIGHT OF STOCKPILE TO 3M TO RETAIN SOIL MICROORGANISMS AND SOIL VIABILITY AND FERTILITY.
- 4. IF APPLICABLE, ALL WORK IN ANY ROAD ALLOWANCE SHALL MEET THE MINIMUM SPECIFICATIONS OF THE MUNICIPALITY. ENSURE A MINIMUM OF 100MM TOPSOIL IS INSTALLED IN BOULEVARDS. PROTECT THE MUNICIPALITY OWNED ROAD ALLOWANCE(6)/BOULEVARD(6) FROM COMPACTION OR SOIL CONTAMINATION.

ALL TREEPITS, SHRUB PITS AND PLANTING AREAS ARE TO BE MULCHED UNLESS OTHERWISE NOTED.

CONTRACTOR TO INSTALL 3" (75MM) OF 'GRO-BARK' MEDIUM MULCH IN ALL AREAS. ALTERNATIVES MAY BE ACCEPTED - CONTRACTOR TO PROVIDE 3 SAMPLES FOR WRITTEN APPROVAL TO THE LANDSCAPE ARCHITECT.

CONTRACTOR TO VERIFY ALL PLANT MATERIAL ON DRAWING(S) AND PLANT MATERIAL LIST(S), REPORT ALL DISCREPANCIES AT

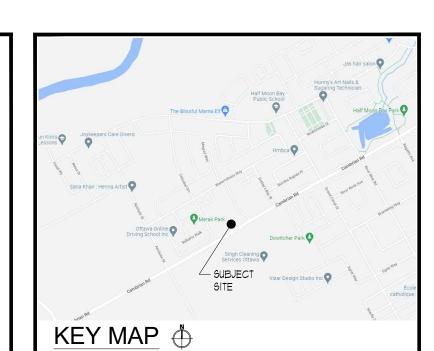
- TENDERING PROCESS. SUBSTITUTIONS WILL NOT BE ACCEPTED WITHOUT WRITTEN CONFIRMATION BY THE LANDSCAPE ARCHITECT
- PLANTINGS MAY BE ADJUSTED TO SUIT UTILITIES STRUCTURES AND AESTHETIC CONCERNS, ADJUSTMENTS ARE TO BE MADE UNDER THE
- DIRECTION OF THE LANDSCAPE ARCHITECT. ADJUSTMENTS TO PLANTING WITHOUT CONSENT OF LANDSCAPE ARCHITECT AND OR PROJECT MANAGER MAY NOT MEET INTENT OF DESIGN AND OR MUNICIPAL APPROVALS. PLANT MATERIAL THAT HAS TO BE RELOCATED AS A RESULT
- WILL BE AT THE COST OF THE CONTRACTOR. 4. LANDSCAPE ARCHITECT TO INSPECT ALL PLANT MATERIAL ON SITE OR AT ITS SOURCE PRIOR TO INSTALLATION. CONTRACTOR IS TO GIVE LANDSCAPE ARCHITECT 48 (HRS) NOTICE FOR INSPECTION.
- CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT IN WRITING IF ADVERSE WEATHER MAY IMPACT THE HEALTH OF THE PLANT MATERIALS AT TIME OF PLANTING. IE. TEMPERATURE, PRECIPITATION.
- ALL TREE PITS SHALL BE AT LEAST 2 FT. (600MM) WIDER THAN BALL OF THE TREE TO BE PLANTED AND SHALL BE DEEP ENOUGH SO THAT THE TOP OF BALL IS AT THE SAME LEVEL AS SURROUNDING GRADE. A MINIMUM OF 6" (I50MM) OF BACKFILL SHALL BE PLACED
- UNDER BALL. TREE PITS ARE NOT TO BE LEFT OPEN OVER NIGHT. SHRUB BEDS SHALL BE EXCAVATED TO A DEPTH OF 18" (450MM) AND FILLED WITH APPROVED BACKFILL MATERIAL. SHRUB BEDS ARE
- NOT TO BE LEFT OPEN OVER NIGHT. ALL TREES SHALL HAVE AN EARTH SAUCER AT ITS BASE WITH A DIAMETER AS LARGE AS EXCAVATED AREA AND SHAPED TO RETAIN
- WATER (SEE DETAIL), EARTH SAUCER TO HAVE APPROVED MULCH INSTALLED TO A MINIMUM DEPTH OR 2.5" (63MM). ALL BURLAP SHALL BE CUT AND BURIED BELOW SURFACE DURING PLANTING. ?. ALL EVERGREENS ARE TO WRAPPED THE FIRST WINTER AT THE EXPENSE OF THE LANDSCAPE CONTRACTOR.
- ALL SHRUBS PLANTED WITHIN IM OF SALTED ROADWAYS, PARKING AND SIDEWALKS TO BE PROTECTED WITH SILT FENCING THROUGHOUT THE
- FIRST WINTER AFTER INSTALLATION AT THE EXPENSE OF THE LANDSCAPE CONTRACTOR. (OPTIONAL) DIRECT ALL RAINLEADERS AND SUMP LEADERS AWAY FROM PLANTING BEDS AND TO DESIGNATED DRAINAGE SWALES.
- 13. DO NOT INSTALL PLANT MATERIAL IN DRAINAGE SWALES.

14. CONTRACTOR IS TO REMOVE ALL STAKES AND GUY WIRES AFTER 2 FULL GROWING SEASONS.

ALL LANDSCAPED AREAS TO BE SODDED TO THE STREET CURB (S) UNLESS OTHERWISE STATED. CONTRACTOR TO ENGURE (WHERE APPLICABLE) ALL PLANTING BEDS ADJACENT TO TRAFFIC ISLANDS, INTERIOR SITE CURBING, AND

- SIDEWALKS HAVE A 3'0"(1.0M) SOD MAINTENANCE STRIP INSTALLED. ANY SODDING OR WORKS ON LANDS ABUTTING THE PROPERTY FROM THE LOTLINES TO SIDEWALK AND CURBING, SHALL BE COMPLETED
- OR REPAIRED TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT, CITY, AND OR REGIONAL MUNICIPALITY UNLESS OTHERWISE STATED. 4. SOD SHALL BE CERTIFIED * I CULTIVATED TURF GRASS, GROWN AND SOLD IN ACCORDANCE WITH THE CLASSIFICATIONS OF THE NURSERY 60D GROWERS ASSOCIATION OF ONTARIO. AT TIME OF SALE IT SHALL HAVE A STRONG FIBROUS ROOT SYSTEM AND SHALL BE CUT IN
- PIECES APPROXIMATELY ONE SQ.YD (900 M2) IN AREA WITH THE SOIL PORTION BEING 3/4" IN.(19MM). SOD TO BE FERTILIZED AT THE APPROPRIATE RATES AS INDICATED BY SOIL TESTS COMPLETED BY A REPUTABLE SOILS LABORATORY
- 6. UPON INSTALLATION AREAS SHOULD BE WATERED SO AS TO SATURATE SOD AND THE UPPER 4" (100MM) OF BACKFILL TOPSOIL. AFTER SOD AND SOIL HAVE DRIED SUFFICIENTLY TO PREVENT DAMAGE, IT SHALL BE ROLLED WITH A ROLLER PROVIDING I 500 LBS. (681KG)
- PRESSURE PER SQET CONTRACTOR TO REPAIR ALL DAMAGED AREAS TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND OR CLIENT.

- I. DURING THE WARRANTY PERIOD, BETWEEN MAY 15 AND SEPTEMBER 15 OF EACH YEAR, WATERING OF ALL PLANTS SHALL BE CARRIED OUT NO LESS THAN 6 TIMES PER YEAR, IN ACCORDANCE WITH THE WATERING SCHEDULE TO BE DETERMINED BY THE OWNER, UNLESS OTHERWISE STATED ON THE DRAWINGS. CRITICAL WATERING MONTHS ARE JUNE, JULY & AUGUST.
- 2. IF NO AUTOMATED IRRIGATION SYSTEM HAS BEEN PROVIDED FOR WATERING OPERATIONS, CONTRACTOR TO PROVIDE WATER TO THE SITE
- IF HOSE BIBS WITHIN THE BUILDING ENVELOPE ARE NOT AVAILABLE.
- 3. MANUAL WATERING SHOULD ENSURE DEEP WATERING OF TREES, SHRUBS, GROUND COVERS AND GRASSED AREAS, WATERING OF GRASSED AREAS TO COMMENCE ON A REGULAR BASIS AND CONTINUE WITH INTENSITY DEPENDING ON AMOUNT OF RAINFALL, NEW SOD THAT HAS
- BEEN LAID SHOULD BE KEPT MOIST FOR 4 TO 5 WEEKS OR UNTIL IT HAS FIRMLY ROOTED INTO THE EXISTING SOIL. ALL CONIFEROUS TREES SHALL BE WATERED IN LATE FALL, JUST PRIOR TO FREEZE-UP.
 - WATER SHALL BE APPLIED SO THAT THE WASHING OF THE SOIL OR DISLODGING OF MULCH OR TREE GUARDS DOES NOT OCCUR. DAMAGE SHALL BE IMMEDIATELY REPAIRED TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.



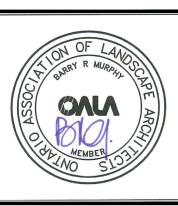
ALL DRAWINGS REMAIN THE PROPERTY OF THE LANDSCAPE ARCHITECT AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE LANDSCAPE ARCHITECTS WRITTEN PERMISSION.

THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR TENDER PURPOSES UNLESS SIGNED AND DATED BY BARRY R. MURPHY, OALA, CSLA, LANDSCAPE ARCHITECT, LONDON, ONTARIO (519) 667-3322.

Barry R. Murphy, O.A.L.A. C.S.L.A. DATE

ISSUED FOR SPA OCT.16.23 OCT.12.23 ISSUED FOR REVIEW JUL.27.23 ISSUED FOR COORD APR.28.23 ISSUED FOR SPA APR.25.23 ISSUED FOR REVIEW APR.18.23 ISSUED FOR COORDINATION MAR.21.23 ISSUED FOR REVIEW DATE DESCRIPTION

PLOTTING INFORMATION: PLOTTED DATE = OCT.16.23 PLOTTED SCALE = 1:1



PROPOSED COMMERCIAL (NORTH PARCEL

Development #D07-12-23-0049 CAMBRIAN RD. BARRHAVEN, ONTARIO

DRAWING TITLE:

LANDSCAPE DETAILS

SCALE: DRAWING NO. DECEMBER 2022 AS NOTED CHECKED BY: DRAWN: RKLA Inc. PROJECT No. 22-306Lo SPA

NSTALLATION: The bike rack is delivered pre-assembled. It is available with a surface mount installation - Powdercoat Color (Silver14 Gloss) OPTIONS: MBR350-4-S (4 rings)