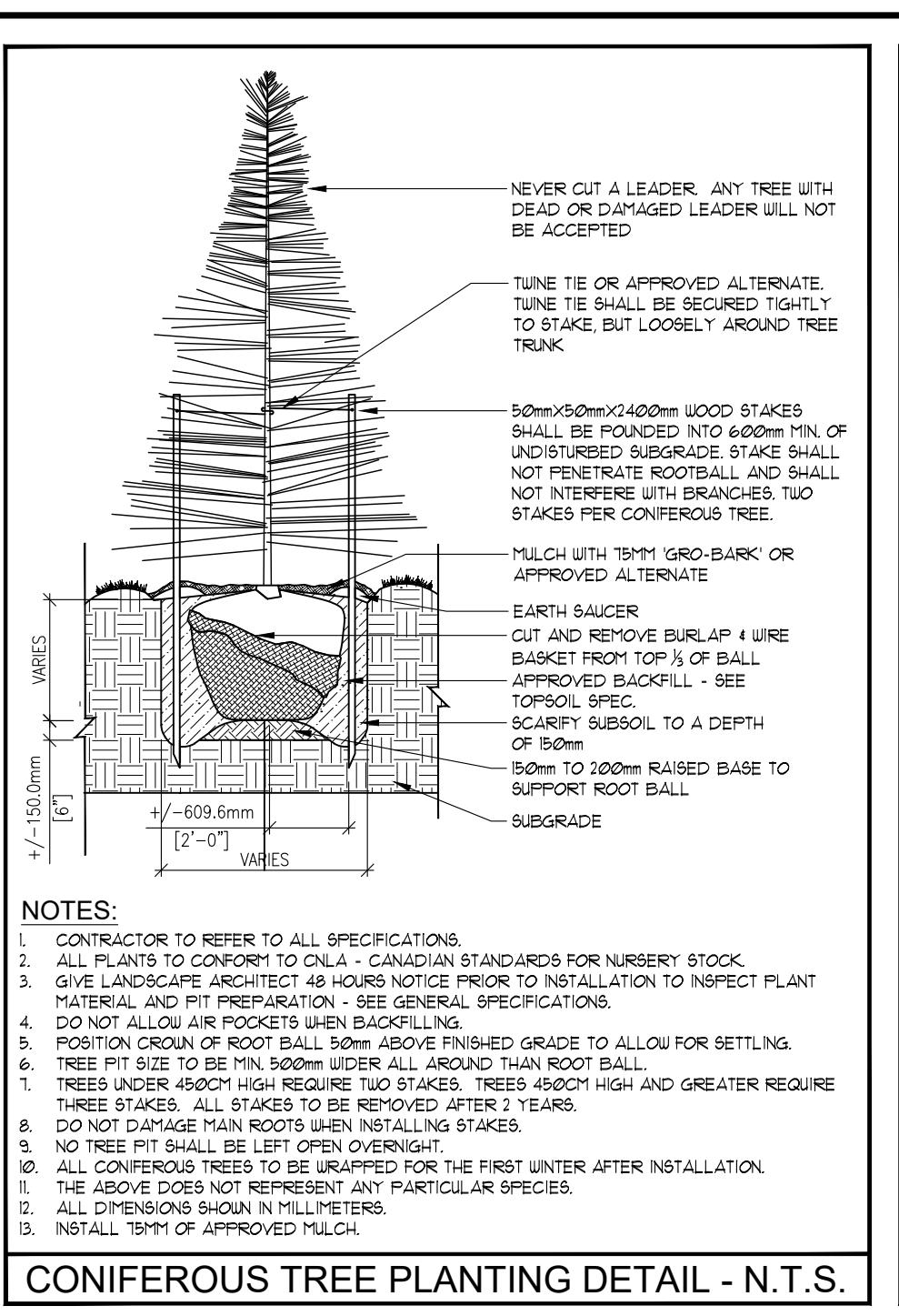
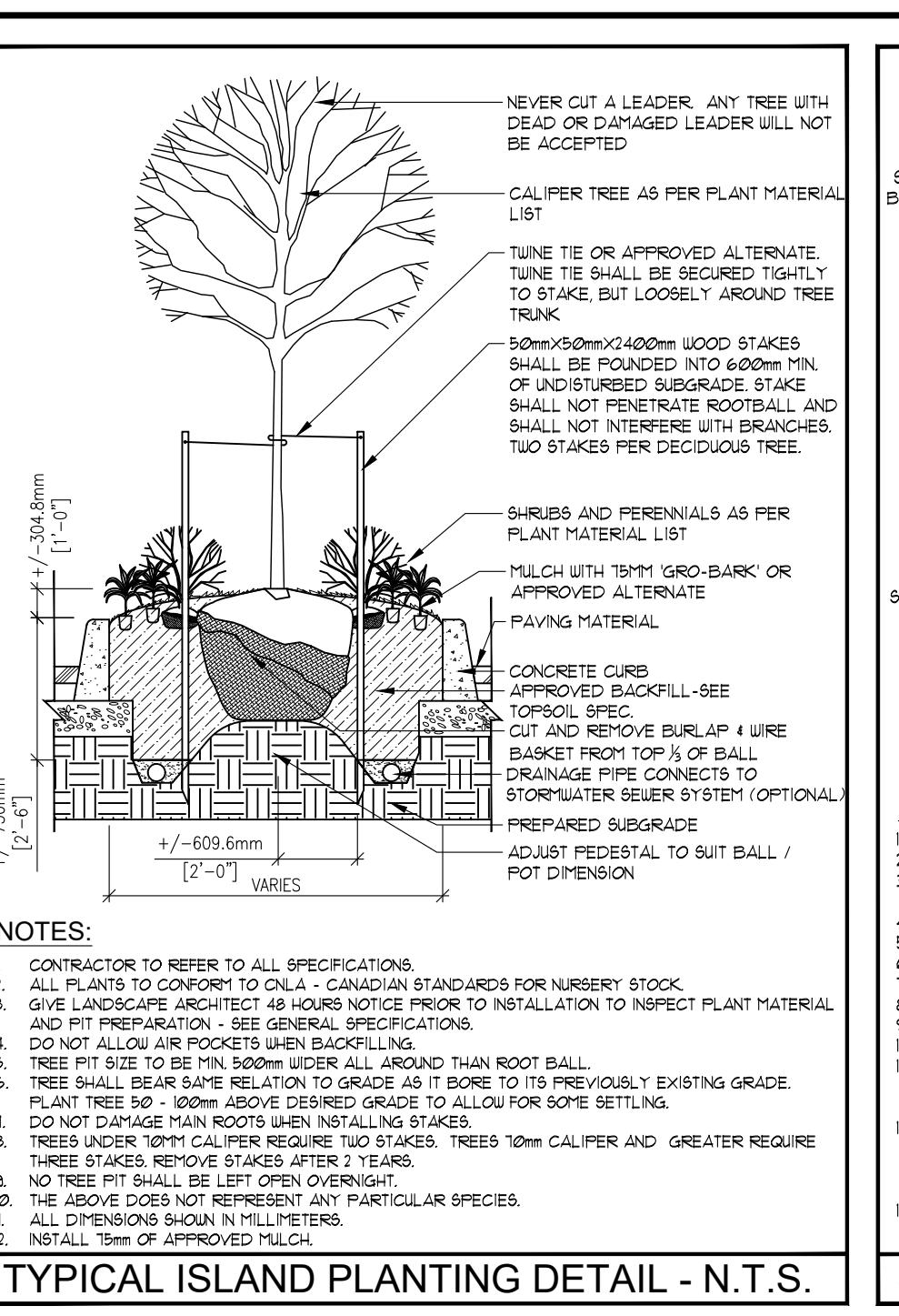


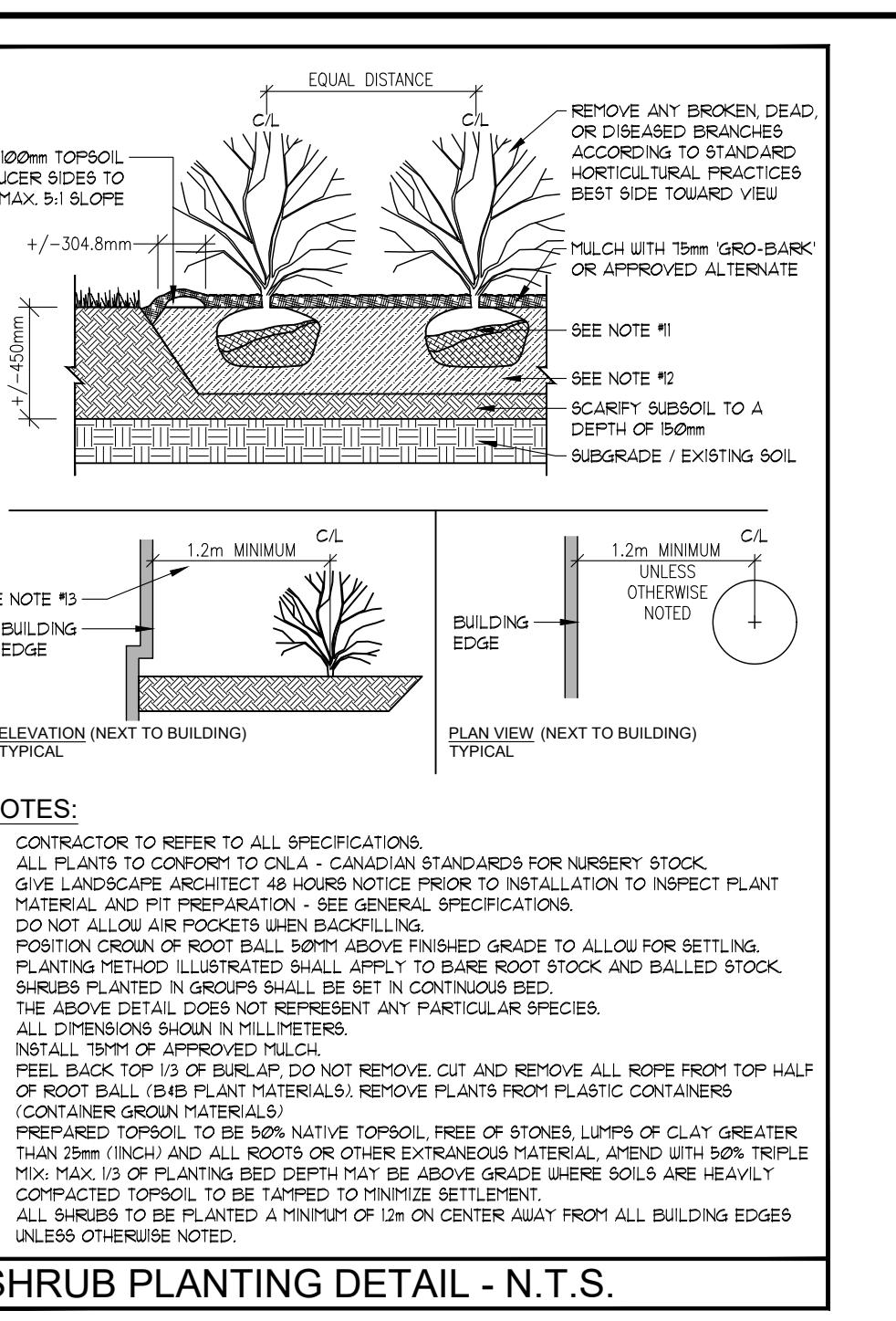
DECIDUOUS TREE PLANTING DETAIL - N.T.S.



CONIFEROUS TREE PLANTING DETAIL - N.T.S.



TYPICAL ISLAND PLANTING DETAIL - N.T.S.



SHRUB PLANTING DETAIL - N.T.S.

GENERAL PLANTING SPECIFICATIONS:

1. BASE INFORMATION SUPPLIED BY TURNER FLEISCHER ARCHITECTS INC.
2. ENGINEERING INFORMATION SUPPLIED BY PARSONS.
3. CONTRACTOR TO TAKE MEASURE FAMILIAR WITH ALL RELATED SPECIFICATIONS.
4. 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.
5. REQUESTS, DISPUTES, AND COMPLAINTS TO THE LANDSCAPE ARCHITECT DURING TENDERING PROCESS ERRORS AND/OR OMISSIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. 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 WARRANTY PERIOD.
7. ALL WORKSHIPS TO BE WARRANTED FOR ONE YEAR UNLESS OTHERWISE STATED. WARRANTY PERIOD WILL BEGIN ON FINAL ACCEPTANCE OF PROJECT.
8. ALL WORKSHIPS TO COMPLY WITH THE CANADIAN LANDSCAPE STANDARDS.
9. ALL NURSERY STOCK TO BE NURSERY GRAIN AND MUST COMPLY WITH THE CANADIAN NURSERY LANDSCAPE ASSOCIATION'S 'CANADIAN NURSERY STOCK STANDARD', LATEST EDITION.
10. ALL TOPSOIL TO BE INSTALLED PRIOR TO THE END OF THE FIRST GROWING SEASON FOLLOWING THE OCCUPANCY OF THE SITE DEVELOPMENT UNLESS OTHERWISE STATED.
11. CONTRACTOR IS RESPONSIBLE FOR ALL UNDERGROUND UTILITIES AND MUST SUPPLY THE LANDSCAPE ARCHITECT WITH COPIES OF LOCATE CERTIFICATES PRIOR TO COMMENCEMENT OF WORK.

GRADING

1. CONTRACTOR TO ENSURE POSITIVE DRAINAGE IN ALL AREAS.
2. ALL GRADING TO BE IN ACCORDANCE WITH SITE ENGINEERS DRAWINGS.
3. SOIL SHALL BE SCARIFIED FREE OF ALL STONES, ROOTS, BRANCHES LARGER THAN 1" (25MM) AND COMPACTED TO 85% S.P.D.
4. ALL SUBSOIL TO BE SCARIFIED TO A DEPTH OF 150MM PRIOR TO THE INSTALLATION OF TOPSOIL TO ENSURE NO HARDPAN FORMATION.
5. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF TOPSOIL TO APPROVE SUBGRADE.
6. DIRECT ALL RAINLEADERS AND SUMP LEADERS AWAY FROM PLANTING BEDS AND TO THE DESIGNATED SWALES.
7. NOTIFY LANDSCAPE ARCHITECT IN WRITING OF ANY SUBSTANTIAL UTILITY CONDITIONS.

TOPSOIL

1. AT THE CONTRACTOR'S 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.
2. TOPSOIL FOR PLANTING AREAS IS TO BE A FERTILE, TRIMBLE NATURAL LOAM TO A MINIMUM DEPTH OF 150MM (300MM) AND CONTAIN NO MORE THAN 10% ORGANIC MATTER. FOR SANDY LOAM TO A MAXIMUM OF 15% AND CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH FREE OF SUBSOIL CONTAMINATION. ROOTS AND STONES UP TO 50MM DIAMETER, REASONABLY FREE OF WEEDS, AS DETERMINED BY THE LANDSCAPE ARCHITECT, AND HAVING A pH RANGING FROM 6.0 TO 7.0.
3. IF SOILS ARE TO BE USED FOR ON SITE DEVELOPMENT, AVOID MIXING TOPSOIL WITH SUBSOIL. LIMIT HEIGHT OF STOCKPILE TO 3M AND KEEP SOILS FROM EXPOSURE TO SUNLIGHT AND FERTILIZER.
4. IF APPROVABLE, ALL WORK IN ANY ROAD ALLOWANCE IS TO BE CONDUCTED IN BOUNDARY SWALES.
5. PROTECT THE MUNICIPALITY OWNED ROAD ALLOWANCE(S)/BOULEVARD(S) FROM COMPACTION OR SOIL CONTAMINATION.

MULCH

1. ALL TREES, SHRUB PITS AND PLANTING AREAS ARE TO BE MULCHED UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO INSTALL 15MM OF GRO-BARK/ MEDIUM MULCH IN ALL AREAS.
3. ALTERNATIVES MAY BE ACCEPTED - CONTRACTOR TO PROVIDE 3 SAMPLES FOR WRITTEN APPROVAL TO THE LANDSCAPE ARCHITECT.

PLANT MATERIALS

1. CONTRACTOR TO VERIFY ALL PLANT MATERIAL ON DRAWING(S) AND PLANT MATERIAL LIST(S). REPORT ALL DISCREPANCIES AT TENDERING PROCESS.

2. SUBSTITUTIONS WILL NOT BE ACCEPTED WITHOUT WRITTEN CONFIRMATION BY THE LANDSCAPE ARCHITECT.

3. PLANTINGS MAY BE ADJUSTED TO SUIT USES, STRUCTURES AND AESTHETIC CONCERN. 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. NOTIFICATION FOR INSPECTION.

5. CONTRACTOR TO ENSURE PLANT MATERIAL IS APPROPRIATE FOR THE SITE AND THAT IT IS NOT LEFT OVER IF ADVERSE WEATHER MAY IMPACT THE HEALTH OF THE PLANT MATERIALS AT TIME OF PLANTING. IE TEMPERATURE, PRECIPITATION.

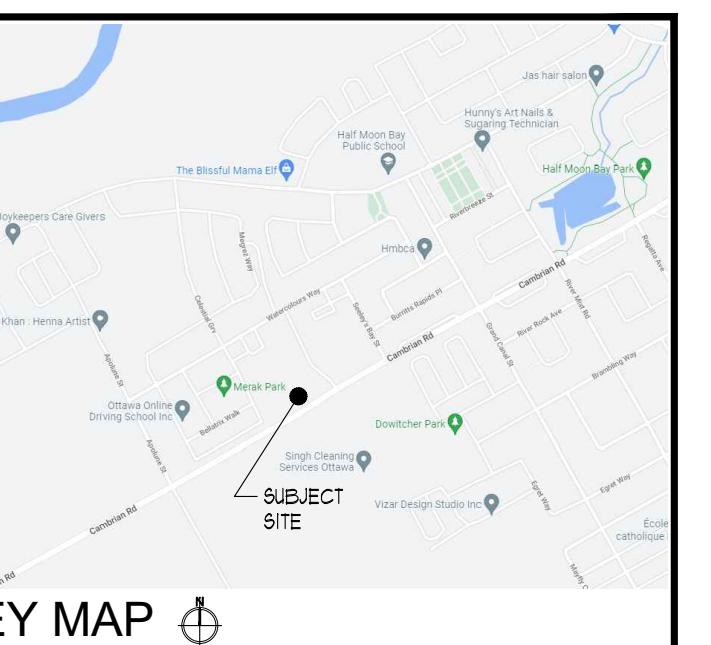
6. ALL TREE PITS SHALL BE AT LEAST 2 FT. (600MM) DEEPER THAN BALL OF THE TREE TO BE PLANTED AND BE DEEP ENOUGH SO THAT THE TOP OF BALL IS AT THE SAME LEVEL AS SURROUNDING GRADE. A MINIMUM OF 6" (150MM) OF BACKFILL SHALL BE PLACED UNLESS BACKFILL PITS ARE NOT TO BE LEFT OPEN OVER NIGHT.

7. SHRUBS SHOULD BE PLANTED TO A DEPTH OF 150MM (300MM) AND FILLED WITH APPROVED BACKFILL MATERIAL. SHRUB BEDS ARE NOT TO BE LEFT OPEN OVER NIGHT.

8. 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 SAUCERS TO HAVE APPROVED MULCH INSTALLED TO A MINIMUM DEPTH OF 25MM (63MM).
9. ALL EARTH SAUCERS AND BACKFILL ARE TO BE PLANTED DURING PLANTING.
10. ALL EVERGREENS ARE TO BE PLANTED AND BURIED IN THE SWALE AT THE EXPENSE OF THE LANDSCAPE CONTRACTOR.
11. ALL SHRUBS PLANTED IN OR NEAR 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)
12. 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.

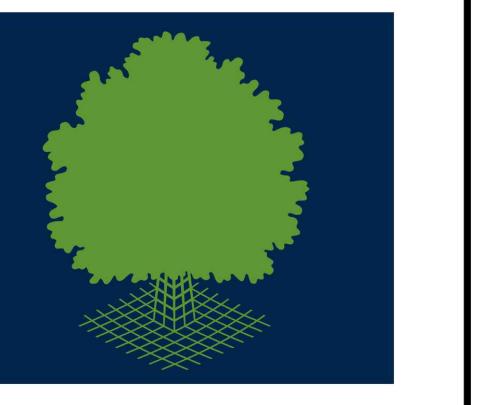
502. 1. ALL LANDSCAPED AREAS TO BE SODDED TO THE STREET CURB (S) UNLESS OTHERWISE STATED.
2. CONTRACTOR TO INSPECT (WHERE APPLICABLE) PLANTING BEDS ADJACENT TO TRAFFIC ISLANDS, INTERIOR SITE CURBING, AND SIDEWALKS. HAVING A 4:12 SLOPE AND 600MM MINIMUM CURBING.
3. ANY SODDING OR WORKS ON LANDS AFFECTING THE PROPERTY FROM THE LOTLINE TO SIDEWALK AND CURBING SHALL BE COMPLETED ON REPAIRS TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT, CITY, AND REGIONAL MUNICIPALITY UNLESS OTHERWISE STATED.
4. SOD SHALL BE CERTIFIED * CULTIVATED TURF GRADE GROUNDS AND SOIL IN ACCORDANCE WITH THE CLASSIFICATIONS OF THE NURSERY STOCK GRADE ASSOCIATION OF ONTARIO. * THE SOD SHALL BE A STRONG PIECE OF SOD SYSTEM AND SHALL BE CUT IN PINE APPROXIMATELY 150MM (600MM) DEEP WITH THE SOIL FRESHLY CUT AND 15MM (60MM) THICK.
5. SOD TO BE FERTILIZED AT THE APPROPRIATE RATES AS INDICATED BY SOIL TESTS COMPUTED BY A REPUTABLE SOILS LABORATORY.
6. UPON INSTALLATION AREAS SHOULD BE WATERED SO TO SATURATE SOIL 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 1500 LBS. (68KG) PRESSURE PER SQFT.
7. CONTRACTOR TO REPAIR ALL DAMAGED AREAS TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND OR CLIENT.

502. 1. DURING THE WARRANTY PERIOD BETWEEN MAY 1 AND SEPTEMBER 15 OF EACH YEAR, WATERING OF ALL PLANTS SHALL BE CARRIED OUT NO LESS THAN 15 PINTS PER PLANT PER DAY, EXCEPT WHERE THE PLANT IS TO BE DETERMINED BY THE OWNER UNLESS OTHERWISE STATED ON THE DRAWINGS. CRITICAL WATERING MONTHS ARE JUNE, JULY, AND 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 ENURE DEEPEST WATERING OF TREES, SHRUBS, GROUND COVERS AND GRASSES AREAS. WATERING OF GRASSED AREAS SHOULD BE LIMITED TO 15MM (600MM) DEEP. WATERING SHOULD BE DEEPEST 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.
4. ALL CONIFEROUS TREES SHALL BE WATERED IN LATE FALL JUST PRIOR TO FREEZE UP.
5. WATER SHALL BE APPLIED SO THAT THE WASHING OF THE SOIL OR DISLOCATING OF MULCH OR TREE GUARDS DOES NOT OCCUR. DAMAGE SHALL BE IMMEDIATELY REPAIRED TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.



KEY MAP

RON KOUJDYS
LANDSCAPE
ARCHITECTS INC



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

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

Barry R. Murphy, O.A.L.A. C.S.L.A.	DATE
NOV25/25	ISSUED FOR SPA
NOV12/5	ISSUED FOR REVIEW
JUNE12/5	ISSUED FOR REVIEW
MAR12/5	ISSUED FOR SPA
DEC2024	ISSUED FOR COORD
OCT24/23	ISSUED FOR SPA
OCT12/23	ISSUED FOR REVIEW
MAY02/23	ISSUED FOR SPA
APR24/23	ISSUED FOR REVIEW
DATE	DESCRIPTION

PLOTTING INFORMATION	
PLOTTED DATE = NOV25/25	PLOTTED SCALE = 1:1



PROJECT TITLE: PROPOSED PHARMACY (SOUTH PARCEL)

3845 CAMBRIAN RD. BARRHAVEN, ONTARIO

LANDSCAPE DETAILS	File # 1883
DATE: DECEMBER 2022	SCALE: AS NOTED
DRAWN: RKL4 Inc.	CHECKED BY: BRM.
PROJECT No. 22-307Lo SPA	DRAWING No. L-2