

GENERAL PLANTING NOTES

1. IF DISCREPANCIES IN THE PLANT QUANTITIES EXIST, THEN THE PLANTING PLANS SHALL OVER-RIDE THE PLANT LIST.

STOCK

1. ALL PLANT MATERIAL SHALL COMPLY WITH THE "CANADIAN STANDARDS FOR NURSERY STOCK". PLANT MATERIAL SHALL BE STRUCTURALLY SOUND, WELL FURNISHED WITH FOLIAGE, SHOWING VIGOROUS GROWTH AND FORMATION OF SHOOTS, AND BE FREE FROM BLIGHT AND DISEASE OF ANY DESCRIPTION. ANY SUBSTITUTIONS AS TO VARIETY OR GRADE MUST BE ACCEPTED BY THE LANDSCAPE ARCHITECT.

2. ALL PLANT MATERIAL SHALL BE CLEARLY IDENTIFIED BY LABELS INDICATING SPECIES, SIZE AND SUPPLIER, AND PROVIDED TO THE CONTRACT ADMINISTRATOR. ALL TAGS ARE TO BE REMOVED UPON INSTALLATION. CONTAINER GROWN PLANT MATERIAL MUST BE GROWN IN THE SAME CONTAINER FOR A MINIMUM PERIOD OF 6 MONTHS, AND SHOULD NOT BE POT-BOUND, OR ROOT-BOUND.

3. PLANT MATERIAL SHALL NOT BE COLLECTED OR DUG FROM NATIVE STANDS OR ESTABLISHED WOODLOTS.

SITE PREPARATION

1. SOILS SHALL BE FERTILE, FRIABLE, STONE-FREE AND NOT IN A FROZEN OR MUDDY CONDITION AT GRADING AND PLANTING.

PLANTING

1. PLANT MATERIAL SHALL BE SET PLUMB IN THE CENTRE OF THE PIT AND IN A VERTICAL POSITION IN THE SAME RELATION TO GRADE AS ORIGINALLY GROWN. TREES AND SHRUBS SHALL BE PLANTED AT THE SAME DEPTH AS ORIGINALLY GROWN, SO THAT THE COLLAR IS SLIGHTLY ABOVE GRADE.

2. BONEMEAL SHALL BE ADDED TO EACH PLANTING HOLE FOR ALL TREES AND SHRUBS. QUANTITY OF BONEMEAL USED SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS, AND ALL EMPTY BONEMEAL CONTAINERS ARE TO BE PROVIDED TO THE CONTRACT ADMINISTRATOR FOLLOWING PLANTING FOR VERIFICATION.

3. THE POTTED HERBACEOUS VEGETATION SHALL BE REMOVED FROM THE POT TOGETHER WITH THE POTTING SOIL AND PLACED FIRMLY INTO THE NATIVE SOIL AT THE LOCATION INDICATED ON THE PLAN. ROOT RHIZOME, OR TUBER SHALL BE BURIED TO THE SAME DEPTH AS THE NATURAL STATE OF THE PLANT.

4. BURLAP AND TIES SHALL BE REMOVED FROM THE TOP OF THE ROOTBALL. IF PRESSURE TREATED BURLAP HAS BEEN USED, MAKE A NUMBER OF CUTS IN THE BURLAP ON THE SIDES AND BOTTOM OF THE ROOTBALL TO ALLOW FOR BETTER DRAINAGE AND REMOVE AS MUCH AS POSSIBLE. FIBRE POTS SHALL BE REMOVED BY CUTTING THE LOT AND FOLDING IT BACK FROM THE ROOT MASS.

5. THE PLANTING PIT SHALL BE BACKFILLED WITH NATIVE SOIL IN LAYERS 150 MM DEEP, FIRMLY TAMPED INTO PLACE.

6. ONLY TREES DEAD/BROKEN BRANCHES SHALL BE PRUNED ON TREES AND REMOVED IN ACCORDANCE WITH GOOD ARBORICULTURAL PRACTICES.

7. PLANT MATERIAL SHALL BE THOROUGHLY WATERED AT THE TIME OF PLANTING.

8. INSTALL 600 MM HGT. VINYL RODENT PROTECTION AROUND THE BASE OF ALL TREES. PRACTICE INTEGRATED PEST MANAGEMENT. IF RODENTS/ RABBITS ARE DETERMINED TO BE AN ISSUE DURING THE MAINTENANCE PERIOD, CONSIDER EXCLUSION OF TRUNK WITH WIRE TREE GUARD, OR USE OF 'BOBBEX' TO DETER PREDATION OF TREES.

9. ALL OF THE PLANTINGS SHALL BE MULCHED TO A DEPTH OF 75-100MM WITH INDIVIDUAL SAUCERS OR IN CONTINUOUSLY MULCHED BEDS AS SHOWN, IMMEDIATELY AFTER PLANTING AND WATERING. ENSURE MULCH IS PULLED BACK 6-8CM FROM BASE OF TREES TO ENSURE THE ROOT GRAFT IS EXPOSED AND LIMIT OPPORTUNITIES FOR DECAY.

10. ALL TREES (>2500 MM HT.) SHALL BE PROPERLY STAKED (SEE DIAGRAMS) IMMEDIATELY FOLLOWING PLANTING. TREES GREATER THAN THIS SIZE SHOULD ONLY BE STAKED IF NECESSARY. WOODEN STAKES SHOULD BE PLACED AT LEAST 5CM AWAY FROM ROOT BALL AND SHOULD NOT INTERFERE WITH BRANCHES.

11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.

12. NO PLANTS ARE TO BE INSTALLED WHERE WATER PERMANENTLY FLOODS THE ROOT ZONE, UNLESS THEY ARE SPECIFIED AS AQUATIC PLANTS.

13. ALL PLANTINGS ARE TO BE LOCATED 3.0M MINIMUM FROM UTILITIES, AND 4.0M MINIMUM FROM DRAINAGE STRUCTURES, DITCHES AND SWALES, UNLESS OTHERWISE NOTED.

14. IT IS THE CONTRACTOR'S RESPONSIBILITY TO APPLY WEED AND GRASS CONTROL IN THE PLANTING BED AREAS AS REQUIRED.

TIME CONSTRAINTS FOR PLANTING

BALLED AND BURLAPPED OR CONTAINER GROWN PLANTS - SPRING FROST FREE CONDITIONS TO NOVEMBER 15.

THE CONTRACTOR MAY, AT NO ADDITIONAL COST, SUBSTITUTE CONTAINER GROWN OR BALLED AND BURLAPPED PLANT MATERIAL OF THE SAME SPECIES AND VARIETY IN ORDER TO EXTEND THE PLANTING TIME PERIOD FOR BARE ROOT PLANTS.

PLANTING STOCK FOR THE FOLLOWING SPECIES MUST BE SPRING DUG ONLY: CELTIS SPECIES, CLADRASTIS SPECIES, QUERCUS SPECIES.

EMERGENT PLUGS AND SUBMERGENT PLUGS ARE TO BE PLANTED FROM EARLY SPRING TO LATE JUNE ONLY.

GENERAL NOTES

1. AS AN INSTRUMENT OF SERVICE, THIS DRAWING IS THE PROPERTY OF THE LANDSCAPE ARCHITECT. THIS DRAWING MUST BE RETURNED UPON REQUEST, AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT.

2. ALL DISCREPANCIES OR AMBIGUITY IN THE DRAWINGS, SPECIFICATIONS OR DETAILS IS TO BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY FOR CLARIFICATION.

3. THIS DRAWING FORMS PART OF A SET AND MAY NOT BE SEPARATED. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS IN THE SET AND ALL SPECIFICATIONS INCLUDED IN THE CONTRACT DOCUMENTS.

4. CONTRACTOR IS TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING SITE FEATURES UNLESS IDENTIFIED FOR REMOVAL OR DEMOLITION, INCLUDING ALL SURVEY BARS, STAKES AND MONUMENTS. CONTRACTOR IS TO MAKE GOOD ANY DAMAGE.

5. CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH LIMITS OF CONSTRUCTION PRIOR TO THE COMMENCEMENT OF ANY WORK ON THE SITE. CONTRACTOR TO CONTACT CONTRACT ADMINISTRATOR IN UNCERTAINTY.

6. CONTRACTOR IS RESPONSIBLE FOR LOCATION AND STAKING OF ALL UTILITIES PRIOR TO WORK COMMENCING ON THE SITE. CONTRACTOR IS NOT TO PLANT DIRECTLY ABOVE UNDERGROUND UTILITIES.

7. CONTRACTOR TO VISIT THE SITE TO CONFIRM ALL SITE CONDITIONS PRIOR TO SUBMITTING BIDS. AMBIGUITY OR DISCREPANCY TO BE REPORTED TO THE CONTRACT ADMINISTRATOR FOR CLARIFICATION.

8. DRAWINGS MAY BE SCALED FOR APPROXIMATE LAYOUT. ALL MEASUREMENTS ARE METRIC. LAYOUT OF PLANT MATERIALS TO BE STAKED BY CONTRACTOR AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.

9. CONTRACTOR SHALL SUPPLY ALL MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE WORK SHOWN ON THESE DRAWINGS. ANY DISCREPANCIES BETWEEN QUANTITIES SHOWN AND THE PLANT LIST SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT FOR DIRECTION.

10. AT THE END OF EACH WORK DAY, ALL DEBRIS, GARBAGE AND SURPLUS MATERIALS ARE TO BE REMOVED FROM THE SITE. THE SITE IS TO BE KEPT CLEAN AND USEABLE AT ALL TIMES.

11. UPON FINAL COMPLETION OF THE PROJECT, ALL WORKMANSHIP AND MATERIALS ARE TO BE GUARANTEED FOR TWO FULL YEARS. ALL WORKMANSHIP IS TO BE COMPLETED TO THE STANDARDS OF THE ONTARIO LANDSCAPE CONTRACTORS ASSOCIATION.

12. AT THE TIME OF FINAL INSPECTION ALL SEEDED AREAS SHALL BE IN A HEALTHY, VIGOROUS GROWING CONDITION, IN FULL ACCORDANCE WITH DRAWINGS AND CONDITIONS.

13. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS STAMPED AND SIGNED BY THE LANDSCAPE ARCHITECT. CONTRACTOR IS NOT TO PROCEED IN UNCERTAINTY.

MAINTENANCE

1. ALL TREES AND SHRUBS PLANTED SHALL BE UNDER WARRANTY FOR A PERIOD OF 24 MONTHS COMMENCING ON THE DATE OF ACCEPTANCE. ALL REPLACEMENT PLANT MATERIAL SHALL BE OF THE SAME QUALITY AND REQUIREMENTS PRESCRIBED FOR THE ORIGINAL MATERIAL. PLANTS WHICH HAVE DIED DURING THE PERIOD OF WARRANTY SHALL BE REPLACED AT NO COST TO THE OWNER AS SOON AS POSSIBLE CONSISTENT WITH THE ALLOWABLE PLANTING SEASON. DEAD PLANT MATERIAL REPLACED UNDER WARRANTY SHALL BE REMOVED FROM THE CONTRACT SITE AT THE CONTRACTOR'S EXPENSE. PLANT MATERIAL REPLACED UNDER WARRANTY SHALL CONFORM TO ALL SPECIFICATIONS OF THE ORIGINAL CONTRACT INCLUDING THE WARRANTY FROM THE DATE OF REPLACEMENT PLANTING.

2. THE CONTRACTOR SHALL PROVIDE MAINTENANCE IMMEDIATELY AFTER THE PLANTS ARE INSTALLED AND CONTINUE THROUGHOUT THE ENTIRE WARRANTY PERIOD. MAINTENANCE REQUIREMENTS SHALL INCLUDE ALL PROCEDURES CONSISTENT WITH PROPER HORTICULTURAL PRACTICES TO ENSURE NORMAL, VIGOROUS AND HEALTHY GROWTH OF ALL MATERIAL PLANTED INCLUDING THE SEED. MAINTENANCE SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

A) CULTIVATION AND WEED CONTROL OF PLANTING BEDS AND TREE PITTS.

B) WATER A MINIMUM OF ONCE A WEEK FOR THE FIRST FOUR WEEKS, TWICE A WEEK DURING THE SUMMER MONTHS (JUNE THROUGH AUGUST) WHEN REQUIRED THEREAFTER AND IN SUFFICIENT QUANTITIES TO SATURATE THE ROOT SYSTEM AND TO ENSURE SUFFICIENT MOISTURE FOR VIGOROUS PLANT MATERIAL GROWTH. ENSURE ADEQUATE MOISTURE IN THE ROOTBALL AT TIME OF FIRSTFROST.

C) PRUNING, INCLUDING THE REMOVAL AND DISPOSAL OF DEAD OR BROKEN BRANCHES.

D) DISEASE, INSECT AND PEST CONTROL WHERE REQUIRED. USE CHEMICAL METHODS IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS, AND ACCORDING TO LOCAL GUIDELINES. MAKE GOOD ANY DAMAGE AT NO ADDITIONAL COST TO THE OWNER.

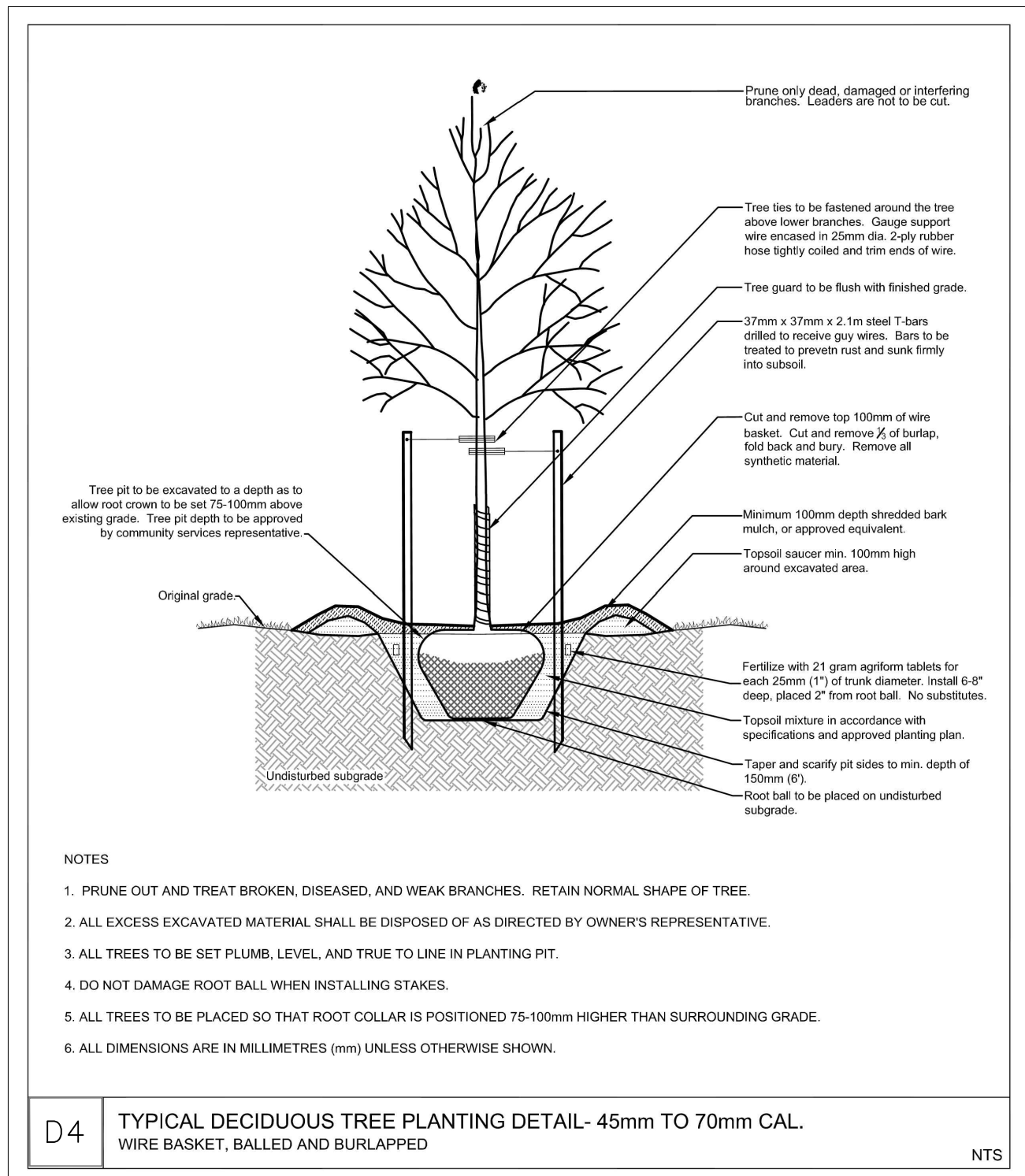
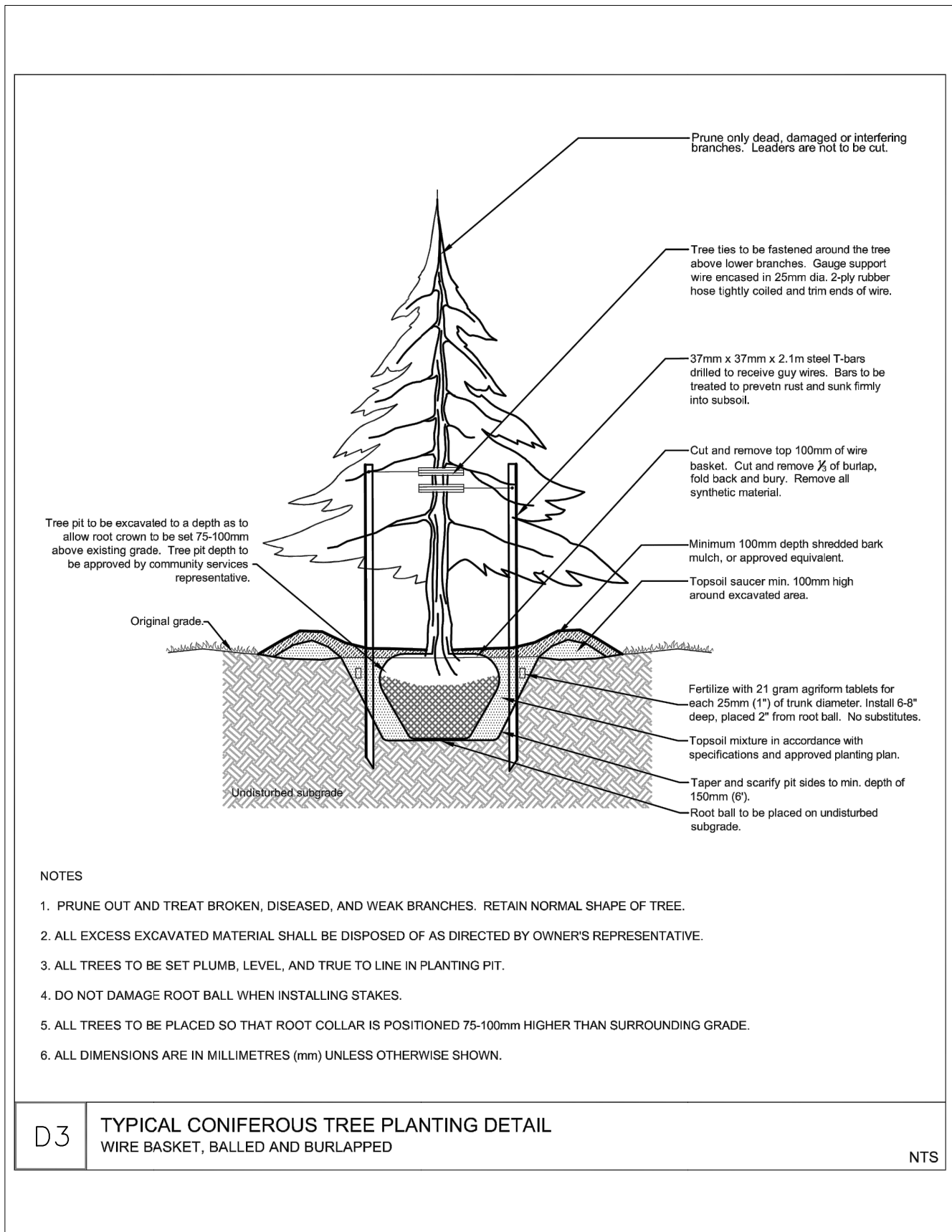
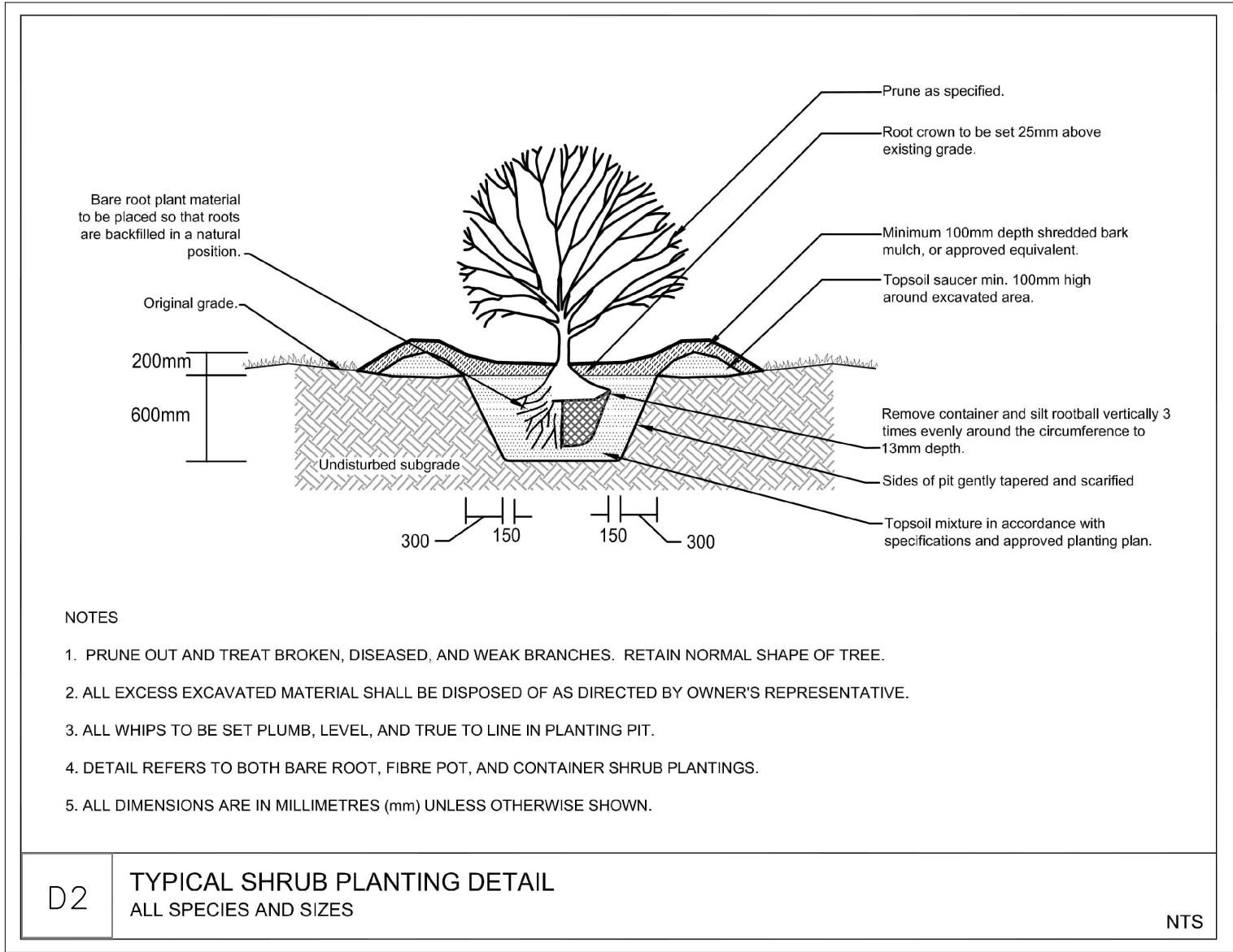
E) KEEP ALL ACCESSORIES IN GOOD CONDITION AND PROPERLY ADJUSTED. REPAIR OR REPLACE ACCESSORIES AS REQUIRED AT NO ADDITIONAL EXPENSE TO THE OWNER.

F) WINTER PROTECTION OF CONIFERS MAY INCLUDE TYING UP BRANCHES TO PREVENT WINTER BREAKAGE (IN THE CASE OF SOME JUNIPERS).

G) ALL PLANTS VULNERABLE TO RODENT OR RABBIT DAMAGE ARE TO BE SPRAYED IN THE VULNERABLE AREAS WITH 'SKOOT' IN LATE FALL, AS PER MANUFACTURER'S DIRECTIONS.

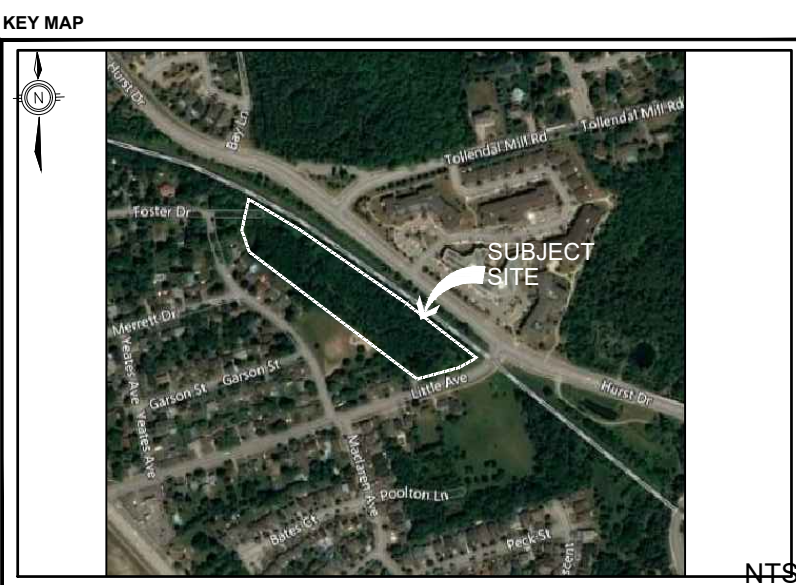
H) ALL STAKES, WIRE AND HOSE SHOULD BE REMOVED FROM TREES AFTER ONE YEAR. IF NECESSARY, SOME TREES MAY REQUIRE STAKING FOR AN ADDITIONAL YEAR, AT THE DISCRETION OF THE LANDSCAPE ARCHITECT.

3. AT THE TIME OF FINAL WARRANTY ACCEPTANCE, ALL MATERIAL MUST BE IN A HEALTHY AND VIGOROUS CONDITION. BEDS AND TREE PITTS MUST BE FRESHLY CULTIVATED AND FREE OF WEEDS, RUBBISH AND DEBRIS. ALL STAKES, WIRES, HOSE AND OTHER ACCESSORIES MUST BE REMOVED UPON FINAL ACCEPTANCE.



NOTES:
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This drawing is not to be used for construction unless stamped and signed by the Landscape Architect.
The position of pole lines, conduits, watermain, sewers and other underground and above ground utilities and structures is not necessarily shown on the contract drawings, and where shown, the accuracy of the position is not guaranteed. Before starting work, the contractor shall determine the exact location of all such utilities and structures and shall assume all liability for damage to them.

LEGEND:



REVISION	BY	APPO	MM.DD.YY.
FIRST SUBMISSION	AKB		12.12.19
ISSUED	BY	APPO	MM.DD.YY.



PROJECT/CLIENT: 428 Little Avenue
City of Barrie

TITLE: LANDSCAPE DETAILS AND NOTES

STAMP: [Professional Seal of Amy Bennewise, Ontario Association of Landscape Architects]

DATE: DECEMBER 2019 SCALE: AS SHOWN

PROJECT NO: 428 LITTLE

DRAWING NO. L3

AKB AKB

DESIGN BY DRAWN BY CHECKED BY

SHEET NO: 3 of 3

REV. NO. 1