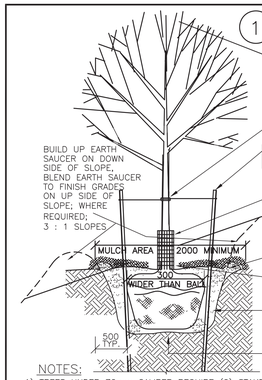
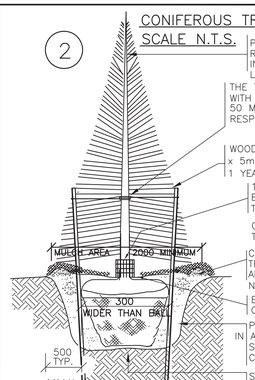


1 DECIDUOUS TREE PLANTING DETAILS; SCALE N.T.S.

- PRUNE IN SUCH A MANNER AS TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. DO NOT CUT THE LEADER
- THE TREE TIE SHALL BE FASTENED WITH ARBOR–TIE OR APPROVED EQUAL 50 MM WIDE LANDSCAPE WEBBING STRAP RESPECTIVELY; REMOVE AFTER 1 YEAR
- WOODEN STAKES 50mm x 50mm, (2"x2") x 5mm x 2130mm; REMOVE AFTER 1 YEAR
- 100 MM DIAMETER, 450 MM HEIGHT BIG 'O' DRAIN TILE RODENT / WEED TRIMMER GUARD
- CUT AND REMOVE BURLAP FROM TOP 1/2 OF ROOT BALL
- CONSTRUCT TOPSOIL SAUCER AROUND TREE BASE AND PLACE 100mm OF APPROVED GROW BARK (SPM) MULCH
- ENSURE MULCH IS AWAY FROM TRUNK OF TREE BY 150 MM
- PLANTING SOIL MIXTURE, AS SPECIFIED, IN A FRIABLE CONDITION, FREE OF LUMPS, STONES, ETC.; BACKFILLED SOIL TO BE COMPACTED TO PREVENT AIR POCKETS
- SCARIFY SURFACE OF SUBSOIL PRIOR TO PLANTING

NOTES:

1) TREES UNDER 70mm CALIPER REQUIRE (2) STAKES; TREES 70mm CALIPER AND OVER REQUIRE (3) STAKES; LANDSCAPE CONTRACTOR TO REMOVE ALL TIES & STAKES AFTER 1 YEAR
2) SET TREE 70mm HIGHER THAN SURROUNDING GRADE TO ALLOW FOR SETTLEMENT
3) THE ABOVE DETAIL DOES NOT REPRESENT ANY PARTICULAR SPECIES
4) SHOULD PLANT MATERIAL BE SUPPLIED IN WIRE BASKETS THE TOP 1/2 OF THE BASKET SHALL BE CUT AND REMOVED FROM THE PIT.
5) SHOULD REMOVE ALL TWINE FROM ROOTBALL.

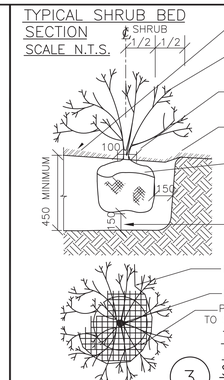


2 CONIFEROUS TREE PLANTING DETAILS SCALE N.T.S.

- PRUNE AT PLANTING TO CAREFULLY REMOVE DEAD BROKEN, DAMAGED AND INTERFERING BRANCHES, AND DOUBLE LEADERS
- THE TREE TIE SHALL BE FASTENED WITH ARBOR–TIE OR APPROVED EQUAL 50 MM WIDE LANDSCAPE WEBBING STRAP RESPECTIVELY; REMOVE AFTER 1 YEAR
- WOODEN STAKES 50mm x 50mm, (2"X2") x 5mm x 2130mm, (REMOVE AFTER 1 YEAR)
- 100 MM DIAMETER, 150 MM HEIGHT BIG 'O' DRAIN TILE RODENT / WEED TRIMMER GUARD
- CUT AND REMOVE BURLAP FROM TOP 1/2 OF ROOT BALL
- CONSTRUCT TOPSOIL SAUCER AROUND TREE BASE AND PLACE 100mm OF APPROVED MULCH, SEE CONSTRUCTION NOTES
- ENSURE MULCH IS AWAY FROM TRUNK OF TREE BY 150 MM
- PLANTING SOIL MIXTURE, AS SPECIFIED, IN A FRIABLE CONDITION, FREE OF LUMPS, STONES, ETC.; BACKFILLED SOIL TO BE COMPACTED TO PREVENT AIR POCKETS
- SCARIFY SURFACE OF SUBSOIL PRIOR TO PLANTING

NOTES:

1) TREES UNDER 1800mm HIGH REQUIRE (2) STAKES; TREES 1800mm HIGH & OVER REQUIRE (3) STAKES; CONTRACTOR SHALL REMOVE ALL STAKES & WIRES AFTER 1 YEAR
2) SET TREE 70mm HIGHER THAN SURROUNDING GRADE TO ALLOW FOR SETTLEMENT.
3) THE ABOVE DETAIL DOES NOT REPRESENT ANY PARTICULAR SPECIES
4) SHOULD PLANT MATERIAL BE SUPPLIED IN WIRE BASKETS THE TOP 1/2 OF THE BASKET SHALL BE CUT AND REMOVED FROM THE PIT.
5) REMOVE ALL TWINE FROM ROOTBALL.
6) CONTRACTOR RESPONSIBLE TO WRAP CONIFEROUS TREES WITH BURLAP FOR WINTER SEASON AND REMOVE IN EARLY SPRING; DURING GUARANTEE.



TYPICAL SHRUB BED SECTION SCALE N.T.S.

- BERM SHRUB PLANTING AREA TO CENTRE AT APPROX. 10:1 SLOPE.
- PRUNE IN SUCH A MANNER AS TO PRESERVE THE NATURAL CHARACTER OF THE PLANT
- MULCH SHALL BE PULLED 50 MM FROM BASE OF SHRUB
- CONSTRUCT TOPSOIL SAUCER AROUND SHRUB BASE OR SHRUB BED, AND PLACE 100mm OF MULCH, AS SPECIFIED;
- CUT AND REMOVE BURLAP FROM TOP 1/2 OF ROOT BALL
- PLANTING SOIL MIXTURE, AS SPECIFIED, IN A FRIABLE CONDITION, FREE OF LUMPS, STONES, ETC.; BACKFILLED SOIL TO BE COMPACTED TO PREVENT AIR SETTLEMENT
- SCARIFY SURFACE OF SUBSOIL PRIOR TO PLANTING
- EXTEND SHRUB BED TO INCLUDE TREE SAUCER
- LONE OR SPECIMEN TREE
- PROVIDE SHARP SPADED EDGE ADJACENT TO SODDED AREAS, TRUE TO LINE, & RADIUS

3 TYPICAL SHRUB BED PLAN SCALE N.T.S. SHRUB PLANTING DETAILS SCALE N.T.S.

NOTES:

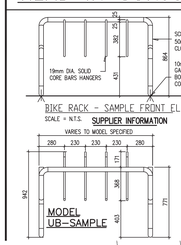
1) PLANTING METHOD ILLUSTRATED SHALL APPLY TO BARE–ROOT STOCK & BALLED STOCK.
2) SET SHRUBS 70mm HIGHER THAN SURROUNDING GRADE TO ALLOW FOR FOR SETTLEMENT.
3) SHRUBS PLANTED IN GROUPS SHALL BE SET IN CONTINUOUS BEDS
4) THE ABOVE DETAIL DOES NOT REPRESENT ANY PARTICULAR SPECIES
5) BERM SHRUB PLANTING AREAS TO CENTRE AT APPROX. 10:1 SLOPE; SEE PLAN DRAWING FOR HIGH POINT LOCATIONS

LIST OF PLANTING MATERIAL

NOTE: ESTIMATED QUANTITIES IN LIST, QUANTITIES ON PLAN TO GOVERN; DO NOT PLAN IN SWALES/EASEMENTS

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CALIPER	ROOT	SPACING	REMARKS
SB	5	AMELANCHIER CANADENSIS	SERVICEBERRY	250 CM		60 MM	WB	AS INDICATED	TRUE TO FORM
CHB	2	CELTIS OCCIDENTALIS	COMMON HACKBERRY	350 CM		60 MM	WB	AS INDICATED	TRUE TO FORM
PSMT	4	GINKGO BILOBA PRINCETON SENTRY	PRINCETON SENTRY MAIDENHAIR TREE	350 CM		60 MM	WB	AS INDICATED	TRUE TO FORM
CS	12	PICEA PUNGENS	COLORADO SPRUCE	200 CM			WB	5.0 M O/C	TRUE TO FORM
MP	14	PINUS MUGO MUGO	MUGHO PINE		50 CM		POT	INFILL EQUAL SPACING	CLIP CANDELS
BS	49	SPIREA VANHOUTTEI	BRIDALWREATH SPIREA	80 CM			POT	INFILL EQUAL SPACING	5 STEM MIN.
BH	24	DIERVILLA LONICERA	BUSH HONEYSUCKLE	50 CM			POT	INFILL EQUAL SPACING	CLIP CANDELS
DAYLILY	130	HEMCROCALLIS 'STELLA RED'	STELLA RED DAYLILY			2 GAL POT		INFILL EQUAL SPACING	2 YEAR PLANTS

READ IN CONJUNCTION WITH TREE REPORT BY THOMSON WATSON CONSULTING ARBORISTS INC.



NOTES:

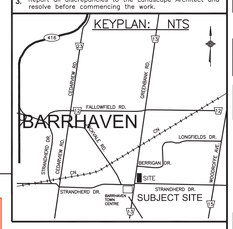
1. GRIND ALL WELDS SMOOTH READY TO RECEIVE PAINT FINISH.
2. PAINT COLOUR BLACK, ARMOUR COAT RUST PAINT.
3. FULL WELDS TO ALL JOINTS
4. LOCATIONS & QUANTITIES, SEE LANDSCAPE PLAN, A–01L,
5. REFER TO MANUFACTURERS GUIDELINES, FOR DETAIL LAYOUT & POSITIONING OF BIKE RACKS, ENSURE 2 SIDED ACCESS.

BIKE RACK SCALE N.T.S. 4

URBAN RACK WIDE – 4 SQUARE HANGER RACK; UB–4000W – 4 SPACES ONE SIDED ACCESS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO:

1. Determine the location all existing services and obtain necessary stake–outs before any excavation.
2. Use figured dimensions as opposed to scaling and verify all dimensions at the site before commencing the work.
3. Report all discrepancies to the Landscape Architect and resolve before commencing the work.

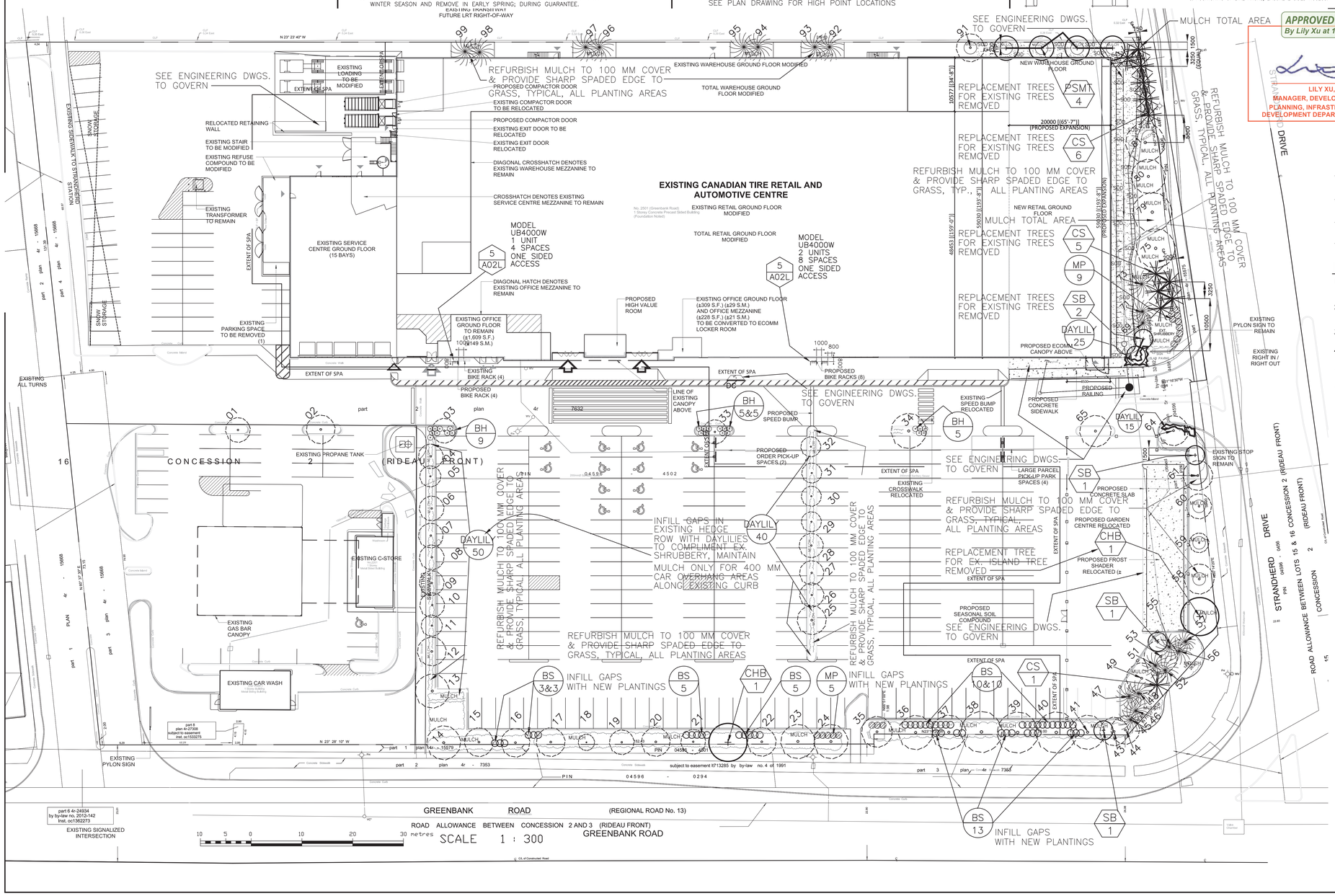


LEGEND

- DENOTES APPROXIMATE LOCATION OF EXISTING TREES TO REMAIN, AS INDICATED; READ IN CONJUNCTION WITH ARBORIST TREE CONSERVATION REPORT BY WATSON CONSULTING ARBORISTS
- DENOTES APPROXIMATE LOCATION OF EXISTING SHRUBBERY AREAS, TO REMAIN
- DENOTES PROPOSED DECIDUOUS TREE DETAIL 1, DWG A–02L
- DENOTES PROPOSED CONIFEROUS TREE DETAIL 2, DWG A–02L
- DENOTES PROPOSED SHRUBBERY DETAIL 3, DWG A–02L
- DENOTES PROPOSED SODDED AREA WITH 15 CM TOPSOIL, FINE GRADE; SEE LANDSCAPE CONSTRUCTION NOTES
- BICYCLE PARKING — DENOTES PROPOSED BIKE RACK MODEL UB–4000W, 3 RACKS ONE SIDED ACCESS EQUALS 12 SPACES DETAIL 4, DWG A–02L

4 EXISTING SPACES PLUS 12 NEW SPACES EQUALS TOTAL OF 16 SPACES

- SHL 4 — DENOTES PROPOSED TREE VARIETY, SEE PLANT LIST; DENOTES PROPOSED QUANTITY OF PLANTING
- MP 31 — DENOTES PROPOSED SHRUBBERY VARIETY; DENOTES PROPOSED QUANTITY OF PLANTING
- 3 A02L — DENOTES PROPOSED CONSTRUCTION DETAIL NUMBER; DENOTES DRAWING NO OF DETAIL



MULCH TOTAL AREA

APPROVED
By Lily Xu at 10:10 am, Apr 02, 2024

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

THIS DRAWING TO BE USED ONLY FOR LAYOUT & PLANTING OF LANDSCAPE MATERIALS

LANDSCAPE CONSTRUCTION NOTES:

1. ALL LANDSCAPE WORK TO CONFORM WITH THE CTC SPECIFICATIONS FOR THIS PROJECT. THIS DRAWING TO BE USED ONLY FOR LAYOUT AND PLANTING OF LANDSCAPE MATERIALS.
2. USE PLANTING MATERIAL TRUE TO NAME, SIZES, OR GRADES AS SPECIFIED, AND CONFORMING TO THE 'CANADIAN NURSERY TRADES ASSOCIATION METRIC GUIDE SPECIFICATIONS AND STANDARDS'.
3. CHECK ALL QUANTITIES AND REPORT ANY ERRORS/DISCREPANCIES TO THE LANDSCAPE ARCHITECT AND AGREE BEFORE PROCEEDING.
4. **MATERIALS AND WORKMANSHIP NOT MEETING SPECIFICATIONS WILL BE REJECTED, AT TIME OF INSPECTIONS.**
5. ALL TREES SHALL BE BALLED AND BURLAPPED AND ALL SHRUBS SHALL BE POT GROWN. PLANTING MATERIAL SIZES ARE MINIMUM.
6. WHEN PLANTING MATERIAL SUPPLIED IN WIRE BASKETS THE TOP 2/3 OF THE BASKET SHALL BE CUT AND REMOVED FROM THE PIT PRIOR TO BACKFILLING.
7. SPECIFIED MIX FOR TREE / SHRUB PLANTING: TOPSOIL SHALL BE A FERTILE, FRIABLE, NATURAL SANDY LOAM. IT SHALL BE FREE OF STONES, SUBSOIL, REFUSE OR OTHER EXTRANEOUS MATERIALS, AND CAPABLE OF SUSTAINING HEALTHY PLANT GROWTH. THE CONTRACTOR SHALL NOT USE TOPSOIL WHILE IN A FROZEN OR MUDDY CONDITION. TEN PER CENT PEATMOSS AND TEN PERCENT WELL ROTTED FARMYARD MANURE SHOULD BE MIXED INTO THE TOPSOIL.
8. FINISH ALL PLANTING AREAS WITH 100mm OF SHREDDED PINE BARK MULCH OR APPROVED EQUAL. FOR CURBED PLANTER, FINISH GRADE OF TOPSOIL SHALL BE 125mm BELOW TOP OF CURB/PLANTER, BERM TO CENTRE AT 10 TO 1 SLOPE; THEN ADD 100 MM OF SHREDDED PINE BARK MULCH, AVAILABLE FROM GROW BARK, 816 MAYFIELD CALEDON, ONTARIO L7C 0Y6 905–846–1515 WWW.GRO–BARK.COM

   IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL PLANTING AREAS CLEAR OF WEEDS, AT TIME OF SITE INSPECTIONS.

   ECONOMY MULCH SUBSTITUTION IS NOT ACCEPTABLE
9. ALL SOD SHALL CONFORM TO THE 'CANADIAN NURSERY SOD GROWERS SPECIFICATIONS'. SOD SHALL BE INSTALLED UPON ARRIVAL, AND SHALL BE SMOOTHLY LAID WITH TIGHT JOINTS, & ROLLED; SOD AREAS SHALL BE GRADED, CLEARED OF ROCKS, DEBRIS, ETC.; TOP DRESSED WITH 15 CM OF CLEAN TOPSOIL, FINE GRADED, AND SODDED. SOD SHALL BE COMPOSED 10% CREEPING RED FESCUE & 90% KENTUCKY BLUEGRASS, APPROVAL EQUAL. PEG SOD ON SLOPES OF 3:1 & SWALES. CONTRACTOR RESPONSIBLE TO MAINTAIN SOD FOR 3 WEEKS AFTER INSTALLATION; WATER & CUT/ REMOVE CLIPPINGS, (ALLOW 1 CUT)

   SOD SHALL BE ROLLED, AFTER INSTALLATION.

   GENERALLY SODDING ON SLOPES OF MINIMUM 50:1 (2%) AND MAXIMUM 3:1 (33%) SLOPES; REVIEW WITH ENGINEERING DRAWINGS.

   BEFORE COMMENCING FINAL LAYING OF SOD, THE SITE SHALL BE INSPECTED & APPROVED, BY SITE SUPERINTENDENT, (I.E., GRADING, 15 CM TOPSOIL, AREA PREPARATION ETC.)
10. LANDSCAPE CONTRACTOR SHALL COORDINATE MAINTENANCE TAKE OVER OF PLANTING AND SODDING WITH PROJECT MANAGER & OWNER.
11. WARRANTY ON ALL PLANT MATERIAL, (INCLUDING TRANSPLANTED MATERIAL), SHALL BE FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF CONSTRUCTION. REPLACEMENTS ARE TO BE GUARANTEED FOR AN ADDITIONAL ONE YEAR.
12. LANDSCAPE ARCHITECT TO RECEIVE 10 DAYS NOTICE, FOR REQUEST OF LANDSCAPE SITE INSPECTIONS.

CONSTRUCTION NOTES:

1. FOR DEMOLITION & REMOVALS SEE SITE PLAN & ENG. DWGS.
2. FOR LAYOUT OF SERVICE ENGINEERING, DRIVEWAYS & ASPHALT PAVING / HEAVY DUTY PAVING / BASE MAKEUP & GRADING & PAINTED LINE WORK & SIGNAGE SEE ARCHITECTURAL SITE PLAN & ENGINEERING DWGS. / SOIL REPORT, TO GOVERN.
3. FOR CONSTRUCTION DETAILS OF CONCRETE CURBS / SIDEWALK / IN FILL PAVING, SIGNAGE, IRON EAGLE FENCING, RETAINING WALLS ETC. SEE ARCHITECTURAL & ENGINEERING DRAWINGS.
4. READ ALL CONSTRUCTION DRAWINGS/DOCUMENTS IN CONJUNCTION, LANDSCAPE DRAWINGS TO BE USED ONLY FOR LAYOUT & INSTALLATION OF LANDSCAPE MATERIALS.
5. ALL GRADING, & TREE STAKE OUT TO BE COMPLETED APPROVED, BEFORE FINAL LANDSCAPING CONSTRUCTION BEGINS.

DESIGN CREDIT NOTE:

LANDSCAPE DESIGN BASED ON ORIGINAL DESIGN BY BRONTE ENGINEERING LIMITED, OAKVILLE, ONTARIO
PHONE: 905–827–5128 FAX: 905–847–3112
JOB NO. 99 3490

NOT FOR CONSTRUCTION

DATE	REV.	DESCRIPTION	DRN. BY
OCT., 20, 23	7	REISSUE FOR SITE PLAN CONTROL APPLICATION	DWK
AUG., 18, 23	6	REISSUE FOR SITE PLAN CONTROL APPLICATION	DWK
APR., 28, 23	5	ISSUE FOR SITE PLAN CONTROL APPLICATION	DWK
APR., 28, 23	4	ISSUE FOR REVIEW BASED ON TF SITE PLAN, APRIL 03, 2023	DWK
APR., 13, 23	3	DRAFT; ISSUE FOR REVIEW & COORDINATION	DWK
MAR, 22, 23	2	DRAFT; ISSUE FOR ENGINERING REVIEW & COORDINATION	DWK
DEC., 19, 22	1	DRAFT, BASED ON SITE PLAN DATED AUGUST 2022 & ARBORIST REPORT DATED DECEMBER, 2022	DWK

REVISION RECORD

NORTH ARROW

ENGINEER

PARSONS
1223 MICHAEL ST., SUITE 100, OTTAWA, ONT. K1J 7T2
TEL: 613–738–4160 FAX: 613–739–7105

DWK
Douglas W. Kerr & Associates Ltd.
LANDSCAPE ARCHITECT
1595 SIXTEENTH AVENUE, SUITE 301
RICHMOND HILL, ONTARIO L4B 3N9
Tel 416–410–5190
email: dwkerr@interlog.com

STAMP

NOT FOR CONSTRUCTION

OCTOBER 20, 2023

BARRHAVEN STORE No. 442

CANADIAN TIRE REAL ESTATE LIMITED
2180 YONGE ST., P.O. BOX 770, STATION K, TORONTO, CANADA M4P 2V8

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR THE SAME REPORTING ANY DISCREPANCIES BEFORE PROCEEDING FOR ANY WORK.
LATEST APPROVED DRAWING ONLY TO BE USED FOR CONSTRUCTION, PRINTS ARE NOT TO BE SCALED.

PROJECT
CANADIAN TIRE REAL ESTATE LTD. EXPANSION OF RETAIL STORE & SERVICE CENTRE; 2501 GREENBANK RD. & TRANDHERD DR. BARRHAVEN, NEPEAN, ONTARIO

DRAWING TITLE	DRAWING No.
LANDSCAPE PLAN	A–02L

DRAWN	D.W.K.	CHECKED	D.W.K.
SCALE	1:300	JOB No.	22–1784
FILE NAME	1784–A–02L–R07	DATE	OCTOBER,20,2023