



## YRP HELICOPTER HANGAR

350 GARFIELD WRIGHT BOULEVARD  
TOWN OF EAST GWILLIMBURY



NO.	ISSUED	DATE
4	ISSUED FOR ADDENDUM 9	24-10-11
3	ISSUED FOR TENDER	24-09-09
2	ISSUED FOR SITE PLAN APPROVAL	24-08-16
1	ISSUED FOR PERMIT	24-07-31

### ISSUES

All measurements are to be checked and verified on site by the contractor before proceeding with work

Do not scale drawings

Drawn by: RKLAI  
Checked by: RKLAI  
Original Issue Date: 24-10-03  
Project No: 2402 (RKLAI 24-128Lh)

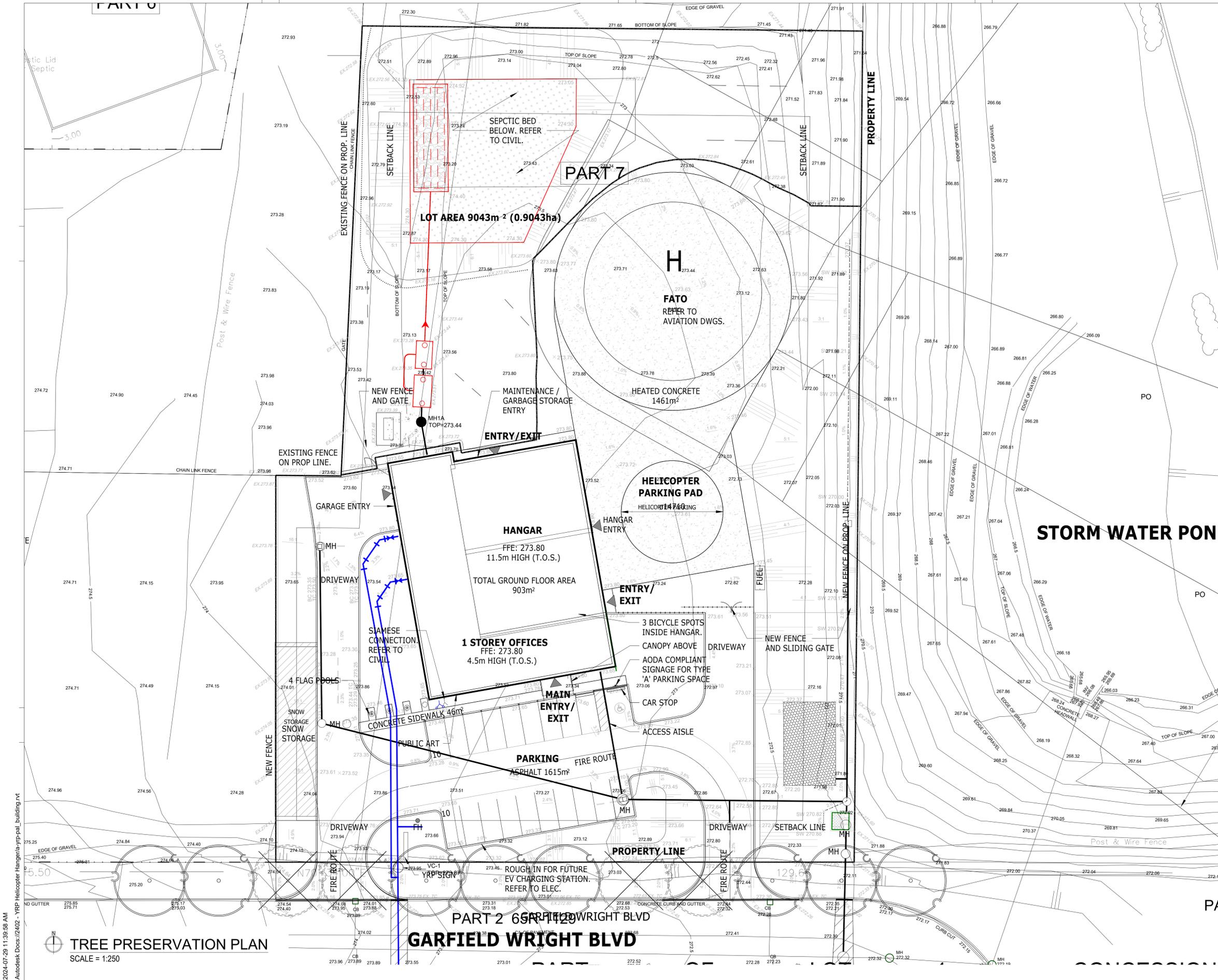


Sheet Title:

## TREE PRESERVATION PLAN

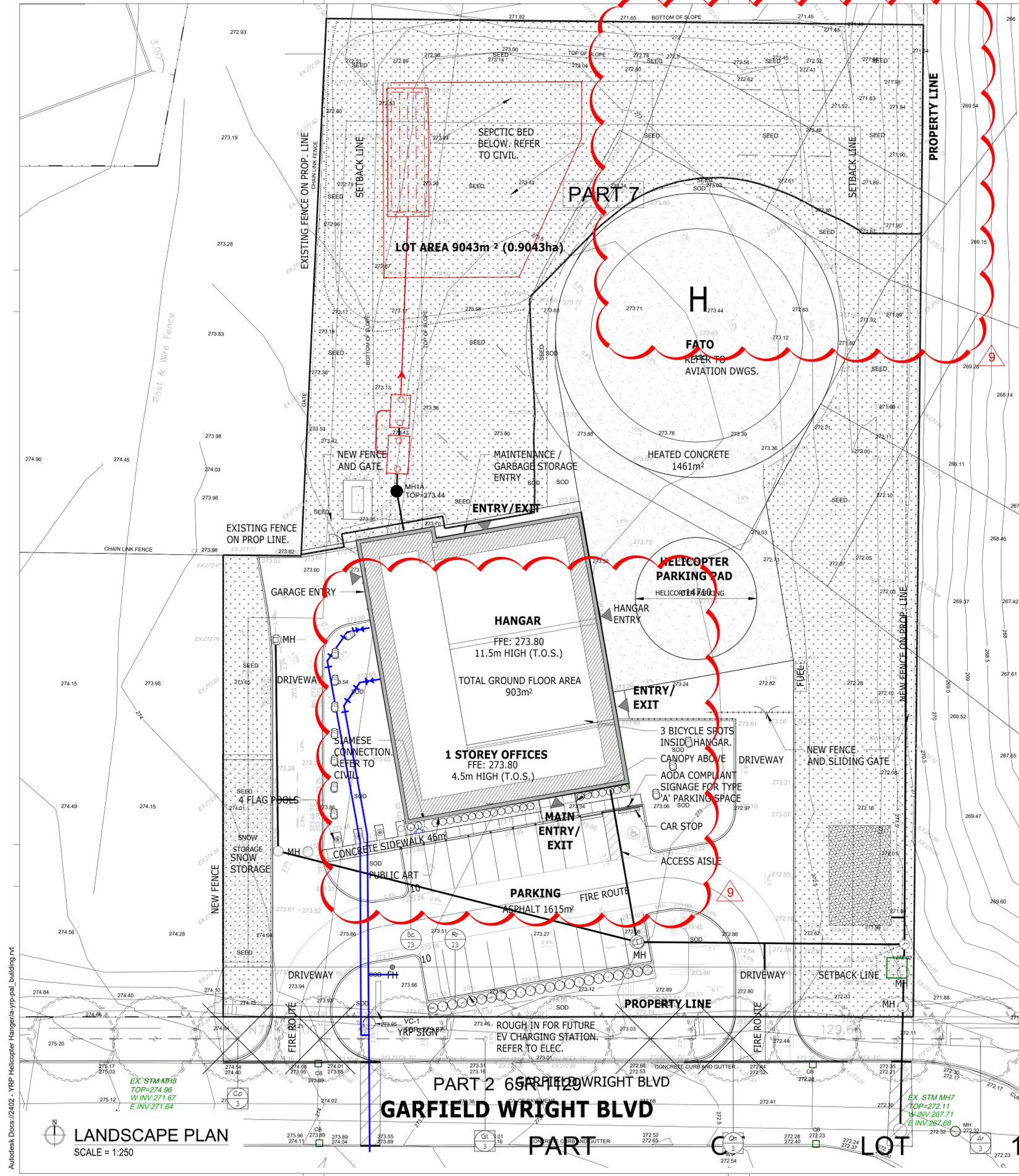
Drawing No.

# T-001



TREE PRESERVATION PLAN  
SCALE = 1:250

2024-07-29 11:39:58 AM Autodesk Docs://2402 - YRP Helicopter Hangar/pep-pp-building.rvt



### LEGEND

- PROPOSED DECIDUOUS TREES
- PROPOSED CONIFEROUS TREES
- PROPOSED PLANTINGS
- PLANT KEYS - SEE PLANT MATERIALS LIST
- PROPOSED CONCRETE PAVING
- PROPOSED CONCRETE PAVING
- 600x1200x600 HIGH ARMORSTONE
- SEED - SEE NOTES

# PARKIN

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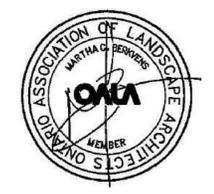


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Sheet Title:

# LANDSCAPE PLAN

Drawing No.

# L-001

### PLANT MATERIAL

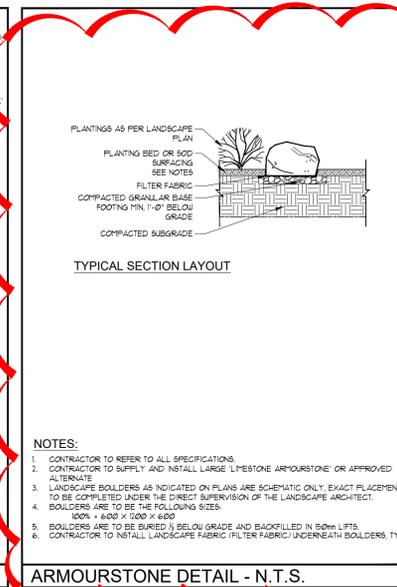
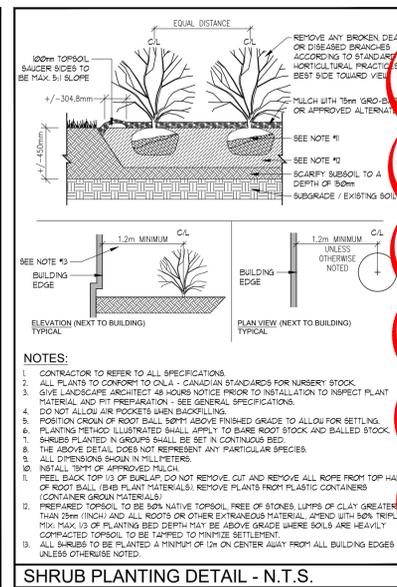
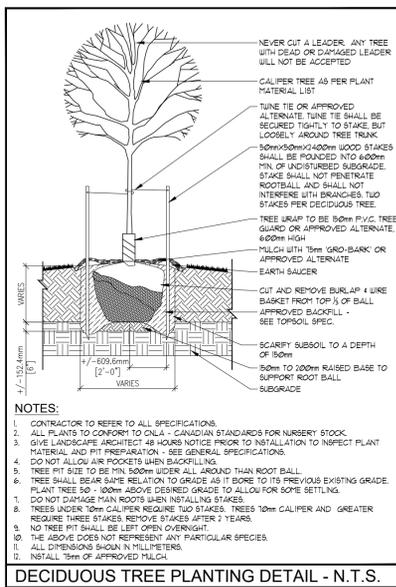
KEY	COMMON NAME	BOTANICAL NAME	QTY	SIZE	COND	COMMENT
Rr	KNOCK OUT WHITE ROSE	Rosa 'The White Knock Out'	23	60cm	POT	DROUGHT TOLERANT
Sc	BLAZE LITTLE BLUESTEM	Schizachyrium scoparium 'Blaze'	42	2 1/2 gal	POT	NATIVE

### BURNSIDE STREET TREE - PLANT MATERIAL - by others

KEY	COMMON NAME	BOTANICAL NAME	QTY	SIZE	COND
Ar	RED MAPLE	Acer rubrum	3	50cm cal	UB
Co	HACKBERRY TREE	Celtis occidentalis	3	50cm cal	UB
Gl	THORNLESS HONEYLOCUST	Gleditsia triacanthos var. inermis	3	50cm cal	UB
Qm	BUR OAK	Quercus macrocarpa	3	50cm cal	UB

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LANDSCAPE PLAN  
SCALE = 1:250



**GENERAL PLANTING SPECIFICATIONS:**

- BASE INFORMATION SUPPLIED BY PARKIN ARCHITECTS.
- ENGINEERING INFORMATION SUPPLIED BY CONTERPOINT.
- 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 RESPONSIBILITY OF THE CONTRACTOR.
- 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 WARRANTED FOR ONE YEAR UNLESS OTHERWISE STATED. WARRANTY PERIOD WILL BEGIN ON FINAL ACCEPTANCE OF PROJECT.
- ALL WORKMANSHIP TO COMPLY WITH THE CANADIAN LANDSCAPE STANDARDS.
- ALL NURSERY STOCK TO BE "NURSERY GROWN AND MUST COMPLY WITH THE CANADIAN NURSERY LANDSCAPE ASSOCIATION'S "CANADIAN NURSERY STOCK STANDARD" LATEST EDITION.
- 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.
- CONTRACTOR IS RESPONSIBLE FOR ALL UNDERGROUND UTILITIES AND MUST SUPPLY THE LANDSCAPE ARCHITECT WITH COPIES OF LOCATE CERTIFICATES PRIOR TO COMMENCEMENT OF WORK.

- GRADEING**
- CONTRACTOR TO ENSURE POSITIVE DRAINAGE IN ALL AREAS.
  - ALL GRADING TO BE IN ACCORDANCE WITH SITE ENGINEER'S DRAWINGS.
  - SOIL SHALL BE SCARIFIED FREE OF ALL STONES, ROOTS, BRANCHES LARGER THAN 1" (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 CONDITIONS.
  - 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.
  - NOTIFY LANDSCAPE ARCHITECT IN WRITING OF ANY SUBSTANTIAL WEI CONDITIONS.

- TOPSOIL**
- 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 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, FRAGILE, NATURAL LOAM TO A MINIMUM DEPTH OF 18" (450MM) AND A MINIMUM DEPTH OF 4" (100MM) FOR TURF 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 3%, 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 10.0.
  - IF TOPSOIL IS 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.
  - IF APPLICABLE, ALL WORK IN ANY ROAD ALLOWANCE SHALL MEET THE MINIMUM SPECIFICATIONS OF THE MUNICIPALITY. ENSURE A MINIMUM OF 100MM TOPSOIL IS TO BE INSTALLED IN BOULEVARDS.
  - PROTECT THE MUNICIPALITY OWNED ROAD ALLOWANCE(S)/BOULEVARD(S) FROM COMPACTION OR SOIL CONTAMINATION.

- MULCH**
- ALL TREES, SHRUBS, FITS 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.

- PLANT MATERIALS**
- 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.
  - 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 1 FT. (300MM) 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" (150MM) 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 25" (63MM).
  - ALL BURLAP SHALL BE CUT AND BURIED BELOW SURFACE DURING PLANTING.
  - ALL EVERGREENS ARE TO UNRAFFED THE FIRST WINTER AT THE EXPENSE OF THE LANDSCAPE CONTRACTOR.
  - ALL SHRUBS PLANTED WITHIN H 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.
  - DO NOT INSTALL PLANT MATERIAL IN DRAINAGE SWALES.
  - CONTRACTOR IS TO REMOVE ALL STAKES AND GUY WIRES AFTER 2 FULL GROWING SEASONS.

- SOD**
- ALL LANDSCAPED AREAS TO BE SOODED TO THE STREET CURB (S) UNLESS OTHERWISE STATED.
  - CONTRACTOR TO ENSURE (WHERE APPLICABLE) ALL PLANTING BEDS ADJACENT TO TRAFFIC ISLANDS, INTERIOR SITE CURBING, AND SIDEWALKS HAVE A 30"(762) SOD MAINTENANCE STRIP INSTALLED.
  - ANY SOODING OR WORKS ON LANDS ADJUTING THE PROPERTY FROM THE LOT LINES TO SIDEWALK AND CURBING SHALL BE COMPLETED OR REPAIRED TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT, CITY, AND/OR REGIONAL MUNICIPALITY UNLESS OTHERWISE STATED.
  - SOD SHALL BE CERTIFIED #1 CULTIVATED CAMEL GRASS, GROWN AND SOLD IN ACCORDANCE WITH THE CLASSIFICATIONS OF THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO. AT TIME OF SALE IT SHALL HAVE A STRONG FIBROUS ROOT SYSTEM AND SHALL BE CUT IN PIECES APPROXIMATELY ONE SOD (150 MM) IN AREA WITH THE SOIL PORTION BEING 3/4" (19MM).
  - SOD TO BE FERTILIZED AT THE APPROPRIATE RATES AS INDICATED BY SOIL TESTS COMPLETED BY A REPUTABLE SOILS LABORATORY.
  - 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 1500 LBS. (680KG) PRESSURE PER SOD.
  - CONTRACTOR TO REPAIR ALL DAMAGED AREAS TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND/OR CLIENT.

- WATERING**
- 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.
  - 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.
  - MANUAL WATERING SHOULD ENSURE DEEP WATERING OF TREES, SHRUBS, GROUND COVERS AND GRASSSED AREAS. WATERING OF GRASSSED 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 DISLOGGING OF MULCH OR TREE GUARDS DOES NOT OCCUR. DAMAGE SHALL BE IMMEDIATELY REPAIRED TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.

- SEED**
- ALL LANDSCAPED AREAS TO BE SEEDED TO THE STREET(S) CURB UNLESS OTHERWISE STATED.
  - ANY WORKS ON LANDS ADJUTING THE PROPERTY FROM THE LOT LINES TO SIDEWALK AND CURBING SHALL BE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT, CITY, AND/OR REGIONAL MUNICIPALITY.
  - SEED TO BE:
    - 20% KENTUCKY BLUE GRASS
    - 50% CREEPING RED FESCUE
    - 20% BARRY OR PINNACLE PERENNIAL RYEGRASS
    - 10% ANNUAL RYEGRASS
  - SEEDING RATE: 85kg PER Ha (100lbs/Acre)
  - TERRAPIN SC100 BY GEOSYNTHETICS INC. OR APPROVED ALTERNATE TO BE USED ON ALL SLOPES GREATER THAN OR STEEPER THAN 3:1.

**PARKIN**

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**LANDSCAPE DETAILS**

Drawing No.

**L-002**