

PARKIN

Parkin Architects Limited
1 VALLEYBROOK DRIVE, TORONTO, CANADA, M3B 2S7 416-467-8000



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

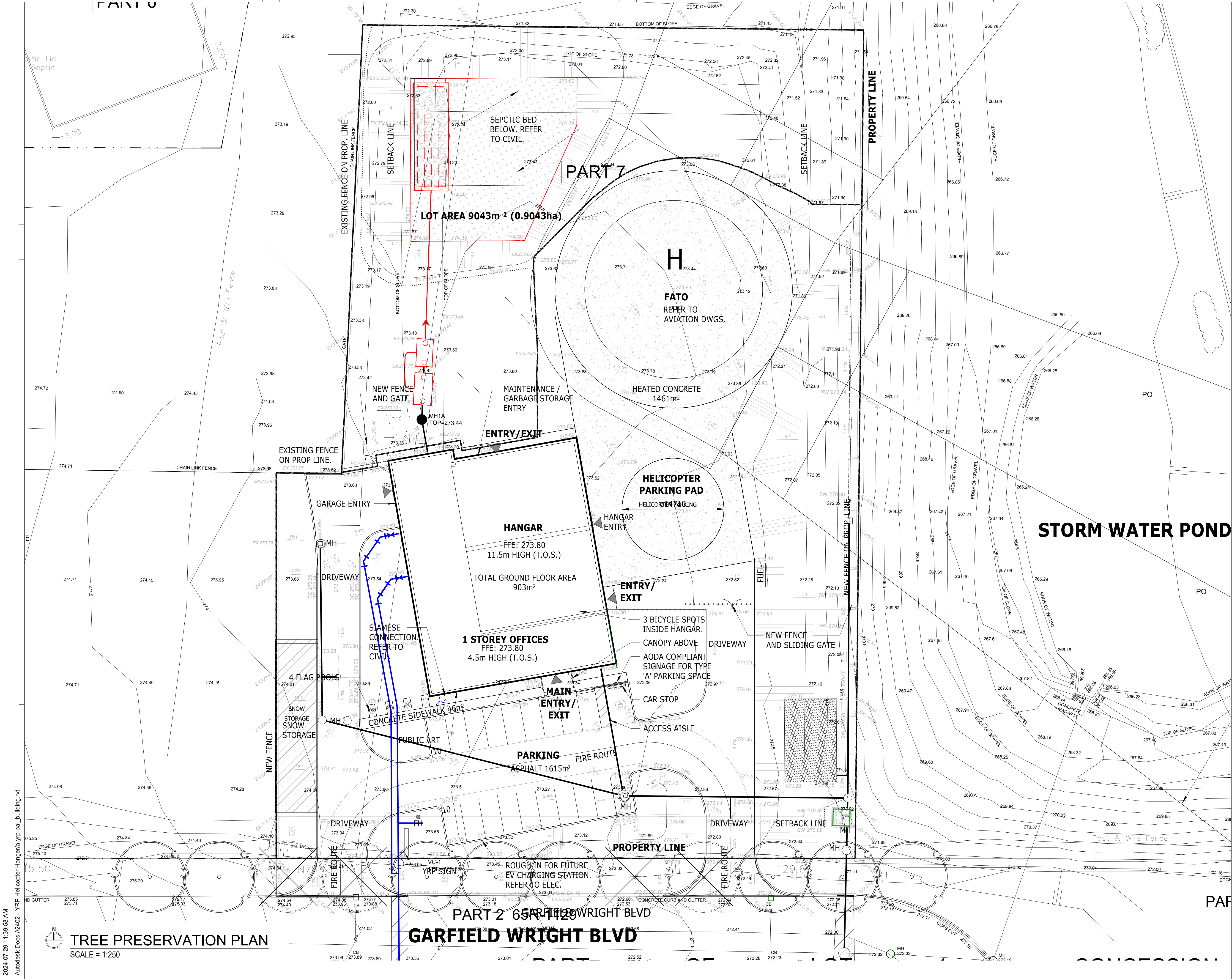
Do not scale drawings

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



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6	ISSUED FOR ADDENDUM 14	24-11-27
5	ISSUED FOR SITE PLAN APPROVAL	24-10-24
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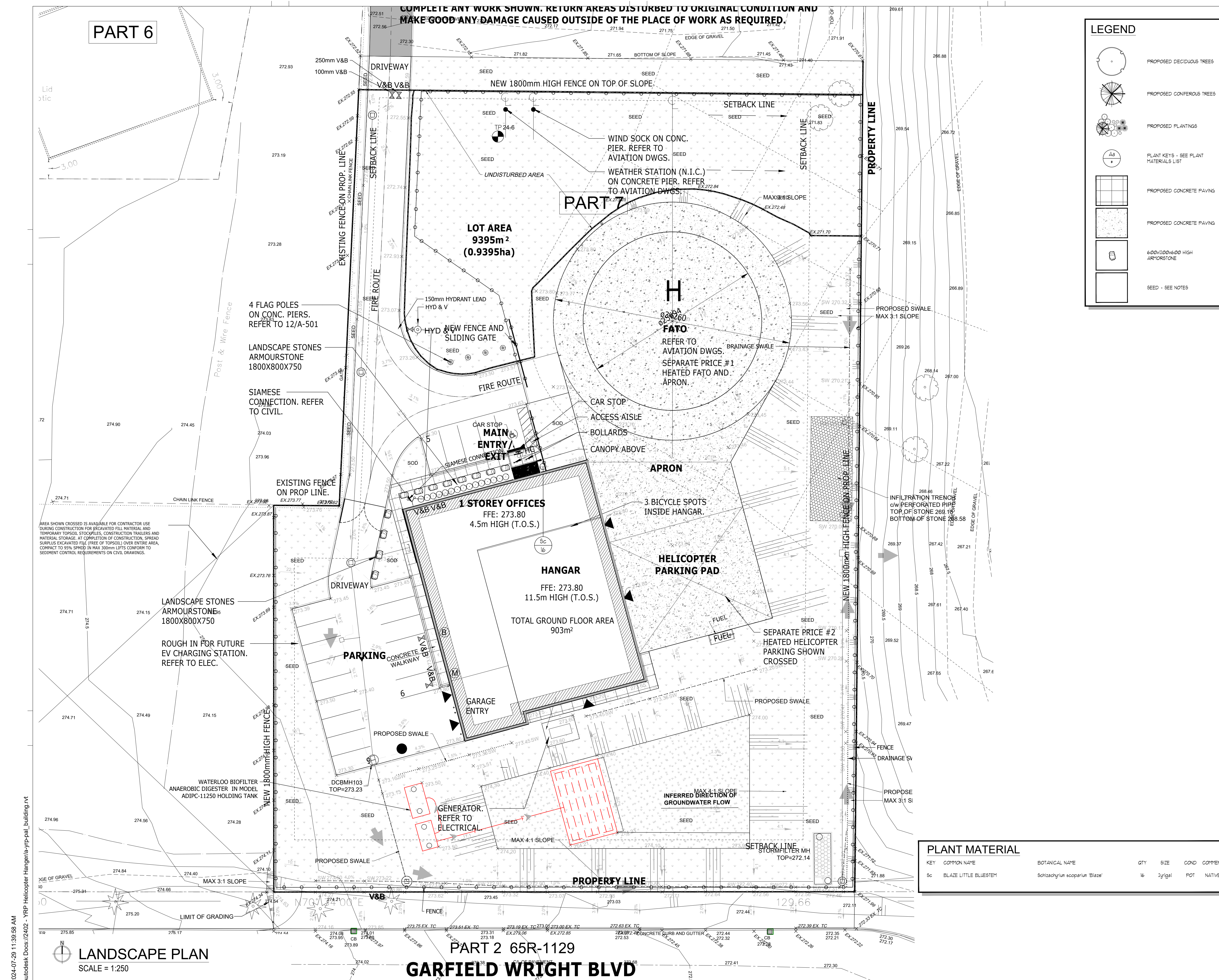


Sheet Title:

LANDSCAPE PLAN

Drawing No.

L-001



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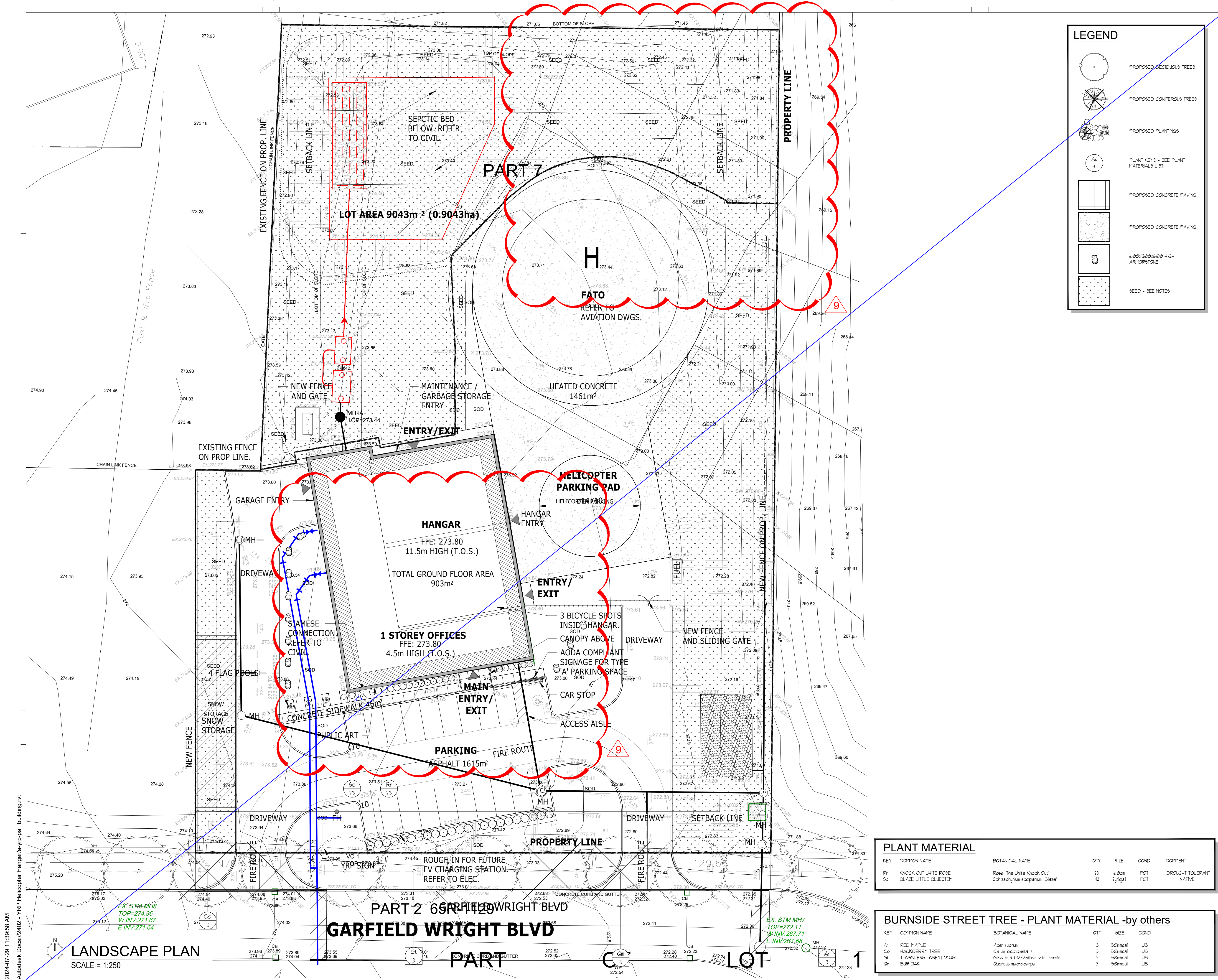


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LANDSCAPE PLAN

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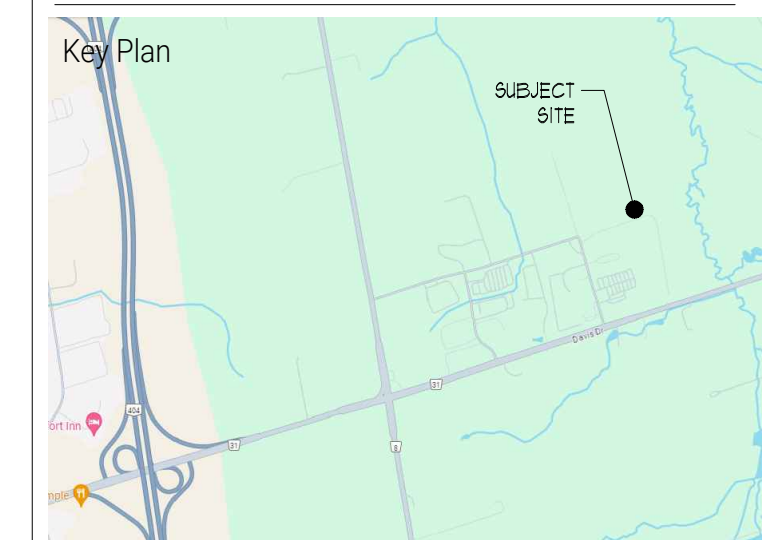
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350 GARFIELD WRIGHT BOULEVARD
TOWN OF EAST GWILLIMBURY

[illegible]

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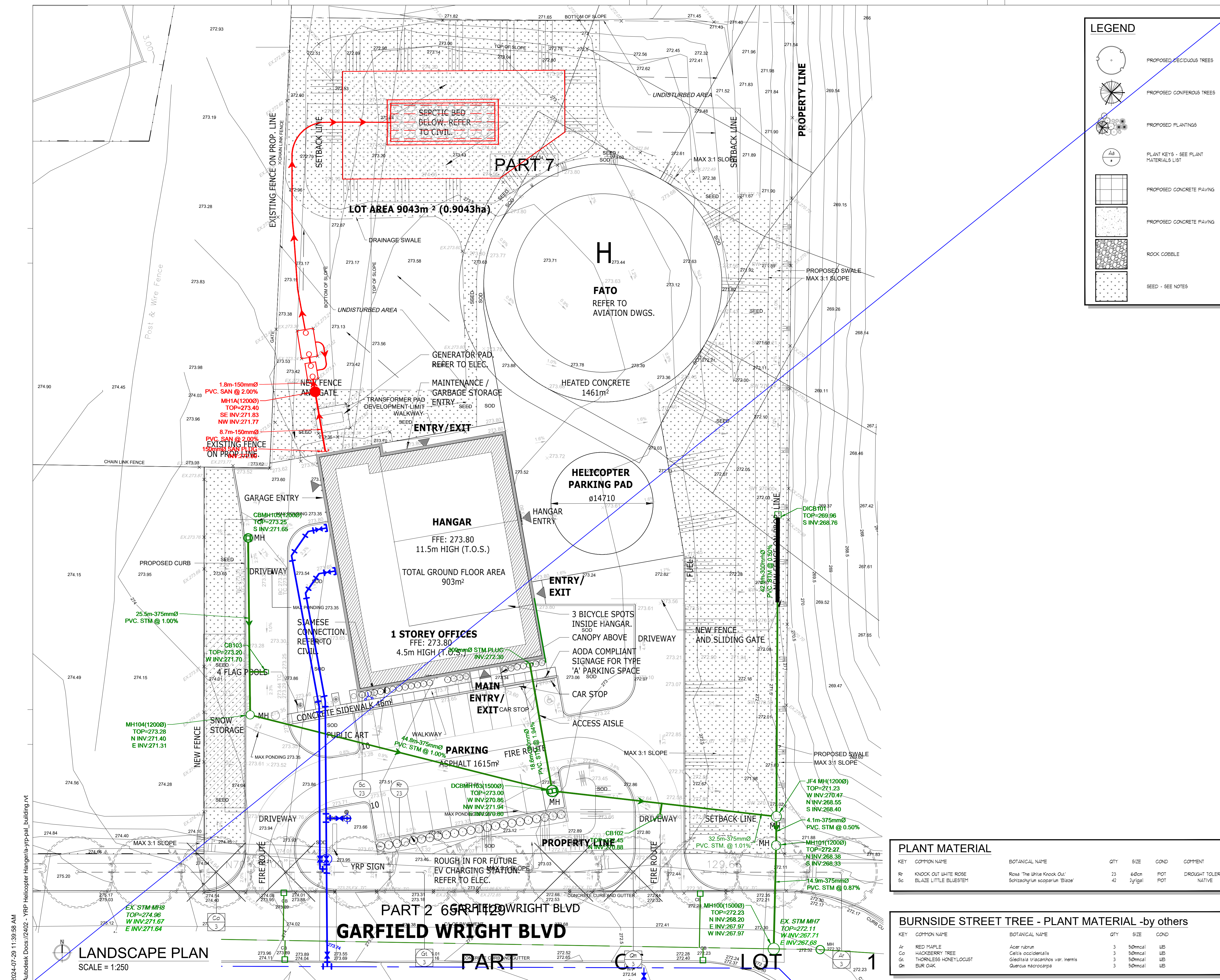


Sheet Title:

LANDSCAPE PLAN

Drawing No.

L-001



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1. BASE INFORMATION SUPPLIED BY PARKIN ARCHITECTS.
2. ENGINEERING INFORMATION SUPPLIED BY CONTEMPORIT.
3. CONTRACTOR TO MAKE THEMSELVES 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. REPORT ALL DISCREPANCIES 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, OUNER ACCEPTANCE OF PROJECT. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT IN WRITING ON COMPLETION OF PROJECT FOR A SITE WORK COMPLETION CERTIFICATE AS WELL AS THE "COMPETENCE" OF THE ACCEPTANCE OF PROJECT.
7. ALL WORKSHIPSHIP TO BE GUARANTEED FOR ONE YEAR UNLESS OTHERWISE STATED. WARRANTY PERIOD WILL BEGIN ON FINAL ACCEPTANCE OF PROJECT.
8. ALL WORKSHIPSHIP TO COMPLY WITH THE CANADIAN LANDSCAPE STANDARDS.
9. ALL WORKSHIPSHIP TO COMPLY WITH A 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.
11. CONTRACTOR IS RESPONSIBLE FOR ALL UNDERGROUND UTILITIES AND MUST SUPPLY THE LANDSCAPE ARCHITECT WITH COPIES OF LOCATE CERTIFICATES PRIOR TO COMPLETION OF WORK.

GRADING

1. CONTRACTOR TO ENSURE POSITIVE DRAINAGE IN ALL AREAS.
2. ALL GRADINGS 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 6" (150 MM) PRIOR TO THE INSTALLATION OF TOPSOIL TO ENSURE NO HARDPAN CONDITIONS.
5. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF TOPSOIL TO APPROVE SUBBASE.
6. DIRECT ALL RAINLEADERS AND SUMPS LEADERS AWAY FROM PLANTING BEDS AND TO THE DESIGNATED SWALES.
7. NOTIFY LANDSCAPE ARCHITECT IN WRITING OF ANY SUBSTANTIAL WEI CONDITIONS.

TOPSOIL

- A) AT THE CONTRACTORS EXPENSE A SOIL TEST IS TO BE COMPLETED BY A REPUTABLE LABORATORY; THE SOIL TEST IS TO BE COMPLETED WITHIN ONE WEEK OF COMMENCEMENT OF WORK AND BEFORE ANY FERTILITY AMENDMENTS ARE MADE TO THE SITE;
B) BASED ON RESULTS FROM THE SOIL TEST, THE LANDSCAPE ARCHITECT SHALL PREPARE WRITTEN RECOMMENDATIONS AS TO BE PROVIDED TO THE LANDSCAPE ARCHITECT FOR APPROVAL ONE WEEK PRIOR TO WORK COMMENCING.
C) TOPSOIL FOR PLANTING BEDS IS TO BE A FERTILE, FREIABLE NATURAL LOAM TO A MINIMUM DEPTH OF 8" (\geq 60%) AND A MINIMUM DEPTH OF 12" (\leq 40%).
D) SUBSOIL SHOULD NOT EXCEED 7% ORGANIC MATTER CONTENT, NO MORE THAN 15% SANDY SILT, AND MUST HAVE AVAILABLE NUTRIENT LEVELS AND LOW pH NOT LESS THAN .9% ORGANIC MATERIAL FOR SANDY LOAM TO A MAXIMUM OF .1% AND CAPABLE OF SUSTAINING VIGOROUS GROWTH OF TREES AND SHRUBS IN ACCORDANCE WITH THE CITY'S TREE CARE MANUAL.
E) ALL OTHER SOIL TYPES WILL BE ACCEPTED IF THEY MEET OR EXCEED THESE REQUIREMENTS REASONABLY. FREE WEEDES ARE DETERMINED BY THE LANDSCAPE ARCHITECT, AND HAVING A PH RANGING FROM 6.0 TO 7.0
F) TOPSOIL IS TO BE STOCKPILED FOR USE ON SITE DEVELOPMENT. AVOID MIXING TOPSOIL WITH SUBSOIL. LIMIT HEIGHT OF STOCKPILE TO 4 FEET.
G) ALL WORK IN AN ROAD ALLOUANCE SHALL MEET THE MINIMUM SPECIFICATIONS OF THE MUNICIPALITY. ENSURE A MINIMUM OF 10' BOLLARD CLEARANCE, IS INSTALLED IN BOULEVARDS.
H) PROTECT THE MURDER WALLS /BOULEVARDS /FROM COMPACTATION OR SOIL CONTAMINATION.

MULCH

1. ALL TREEPITS SHRUB PITS AND PLANTING AREAS ARE TO BE MULCHED UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO INSTALL 3" (75MM) 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 DRAWINGS IS 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 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 OF CONFLICT AT THE WORK SITE SHALL BE REPLACED WITH EQUIVALENT MATERIAL.
4. LANDSCAPE ARCHITECT TO INSPECT ALL PLANT MATERIAL ON SITE OR AT ITS SOURCE PRIOR TO INSTALLATION. CONTRACTOR IS TO GIVE LANDSCAPE ARCHITECT 48 HOURS NOTICE FOR INSPECTION.
5. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY IN WRITING IF ADVERSE WEATHER MAY IMPACT THE HEALTH OF THE PLANT MATERIALS AT TIME OF PLANTING. IE TEMPERATURE, PRECIPITATION.
6. ONE TREE PITS SHALL BE AT LEAST 2' (600MM) UNDER BALL OF TREE TO BE PLANTED AND SHALL BE DEEP ENOUGH SO THAT THE BALL OF TREE IS AT THE SAME LEVEL AS SURROUNDING GRADE. A TWINNED OF 1' (600MM) OF BACKFILL SHALL BE PLACED UNDER BALL OF TREE TO BE PLANTED TO PREVENT WATER NERVE.
7. 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.
8. ALL TREES SHALL BE PLACED AT ITS BASE WITH A DIAMETER AS LARGE AS EXCAVATED AREA AND SHAPED TO RETAIN WATER (SEE DETAIL). EARTH SURFACE TO BE COVERED MULCH INSTALLED TO A MINIMUM DEPTH OR 25" (635MM).
9. ALL BURLAP SHALL BE CUT AND BURIED BELOVE SURFACE DURING PLANTING.
10. ALL EVERGREENS AND PALMS TO BE PLACED UNDER THE EXISTING GRASS. THE LANDSCAPE CONTRACTOR SHALL
11. TO NUMBERED PLANTS WITHIN 4" OF SALTED ROADWAYS. PARKING AND DRIVEWAYS TO BE PROTECTED WITH SILT FENCING THROUGHOUT THE FIRST YEAR AFTER INSTALLATION AT THE EXPENSE OF THE LANDSCAPE CONTRACTOR (OPTIONAL).
12. DIRECT ALL RAINWATERS AND SLOPE LEADERS AWAY FROM PLANTING BEDS AND TO DESIGNATED DRAINAGE SCALES.
13. DO NOT INSTALL PLANT MATERIAL IN DRAINAGE SCALES.
14. CONTRACTOR IS TO REMOVE ALL STAKES AND GUY WIRES AFTER 1 FULL GROWING SEASON.

SOD

2. ALL LANDSCAPED AREAS ARE TO BE SOEDD TO THE STREET CURBS (S) UNLESS OTHERWISE STATED.
3. CONTRACTOR TO ENSURE (WHERE APPLICABLE) ALL PLANTING BEDS ADJACENT TO TRAFFIC LINES, INTERIOR SIDE CURBING, AND INTERSECTIONS HAVE A MINIMUM 50% PLANTATION OF PERENNIALS.
4. ANY SOEDDS OR WORKS ON LANDS ADJUTING THE PROPERTY FROM THE LOT LINES TO SIDEWALK AND CURBING, SHALL BE COMPLETED WITHIN 10 DAYS OF THE DATE OF THE PERMIT.
5. ALL SOEDDING SHALL BE COMPLETED WITHIN 10 DAYS OF THE DATE OF THE PERMIT.
6. SOEDD SHALL BE CERTIFIED "M" CULTIVATED, CAPRI GRASS, GROUND SOIL IN ACCORDANCE WITH THE CLASSIFICATIONS OF THE NURSERY SOEDDERS ASSOCIATION OF ONTARIO, AT THE DATE OF SALE IT SHALL HAVE A STRONG ROOTING SYSTEM AND SHALL BE PLANTED AT THE APPROPRIATE RATES AS INDICATED BY SOEDD.
7. SOEDD TO BE FERTILIZED AT THE APPROPRIATE RATES AS INDICATED BY SOIL TESTS COMPLETED BY A REPUTABLE SOEDD LABORATORY.
8. SOEDD TO BE WATERED DAILY FOR THE FIRST 14 DAYS OF PLANTING.
9. SOEDD AND SOIL HAVE DRIED SUFFICIENTLY TO PREVENT DAMAGE, IT SHALL BE ROLLED WITH A ROLLER PRODUING 1500 LBS. (68KG) PRESSURE PER SQ. FT.
10. MONITOR TO COMPARE ALL LANDSCAPED AREAS TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND OR CLIENT.

WATERING

1. DURING THE WARRANTY PERIOD, BETWEEN MAY 15 AND SEPTEMBER 8 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 SPECIFIED IN THE CONTRACT.
2. IF NO AUTOMATED IRRIGATION SYSTEM HAS BEEN PROVIDED FOR WATERING OPERATIONS, CONTRACTOR TO PROVIDE WATER TO THE SITE. HOW BISBS 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 SHOULD BE CARRIED OUT AT LEAST ONCE A WEEK, DEPENDING ON CLIMATE, SOIL TYPE AND PLANT SPECIES. NEW SOIL THAT IS MANUL WATERING SHOULD BE KEPT MOIST FOR 2 TO 3 WEEKS OR UNTIL IT HAS FIRMLY ROOTED INTO THE EXISTING SOIL.
4. ALL CONIFEROUS TREES SHALL BE WATERED IN LATE FALL, JUST PRIOR TO FREEZING.
5. IF ANY DAMAGE TO PLANTS OR TREES OCCURS DURING THE WARRANTY PERIOD, THE CONTRACTOR OR TREE GUARDER DOES NOT OCCUR, DAMAGE SHALL BE IMMEDIATELY REPAIRED TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.

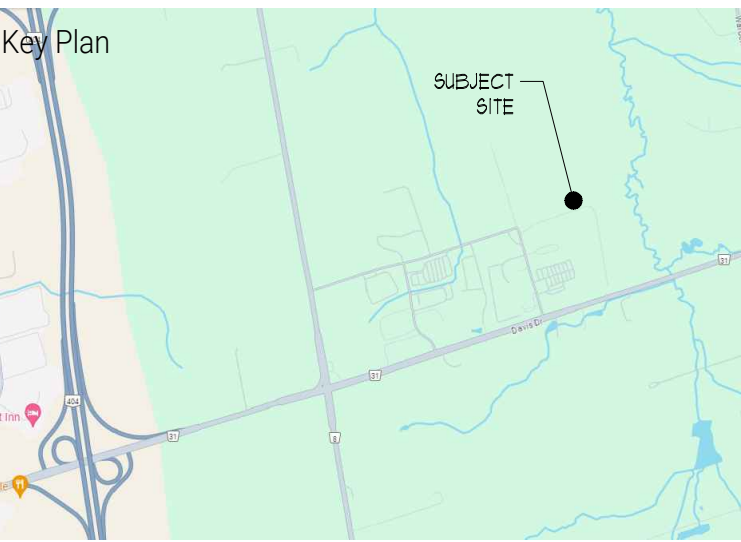
SEED

1. ALL LANDSCAPED AREA ABOUT TO BE SEEDDED TO THE STREET(S) CURB UNLESS OTHERWISE STATED.
2. ANY WORKS ON LANDS ADJACENT TO THE PROPERTY FROM THE LOT LINES TO SIDEWALKS AND CURBSING, SHALL BE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT, CITY, AND OR REGIONAL MUNICIPALITY.
3. SEED TO BE:
 - 20 % KENTUCKY BLUE GRASS
 - 50 % CREEPING RED FESCUE
 - 20 % BARRY OR FINNACLE PERENNIAL RYEGRASS
 - 10 % ANNUAL RYEGRASS
4. SEEDING RATE: 1500g FESCUE 1000g/Acre
5. TERRACE SCLOPE BY GEOTECHNICS INC. OR APPROVED ALTERNATE TO BE USED ON ALL SLOPES GREATER THAN OR STEEPER THAN 3:1

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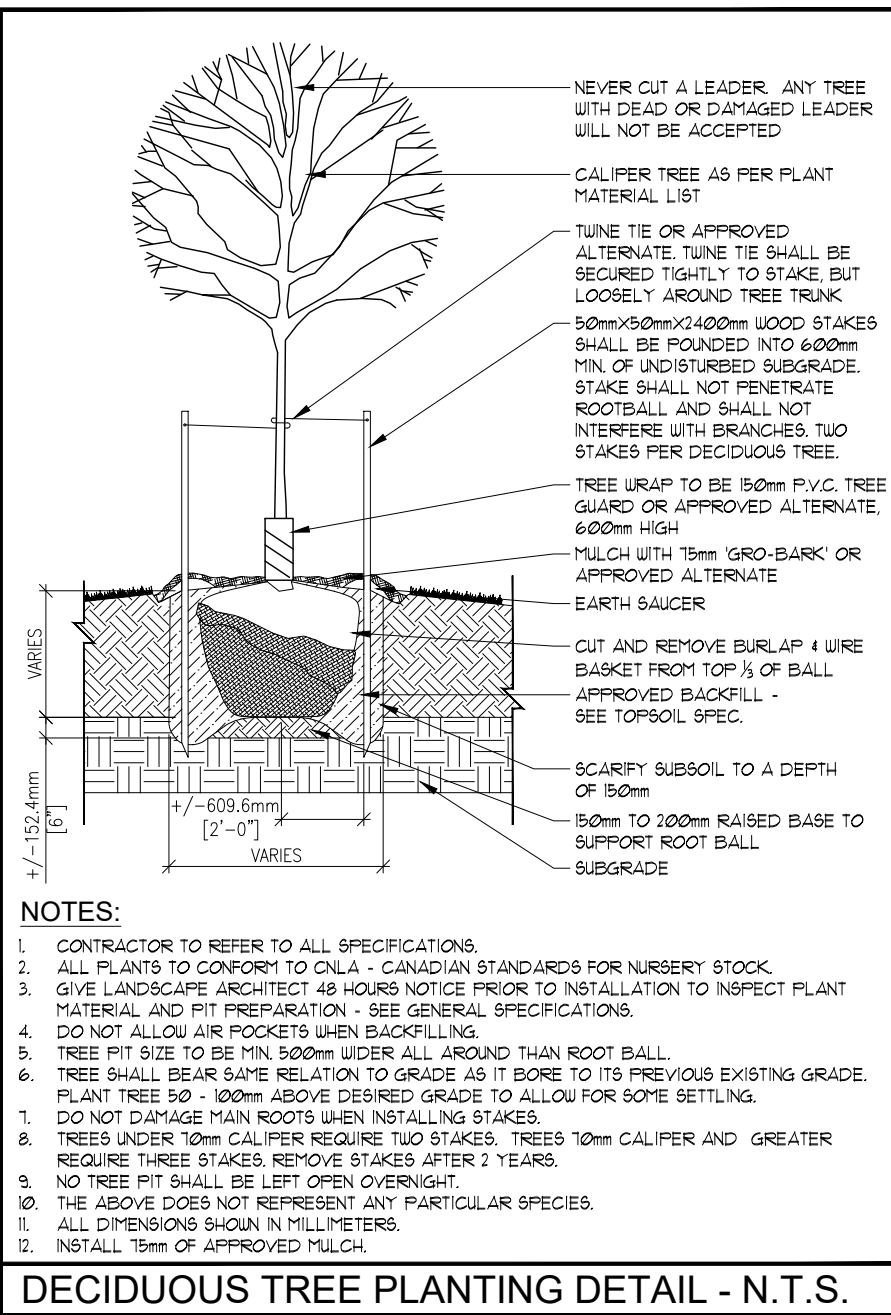
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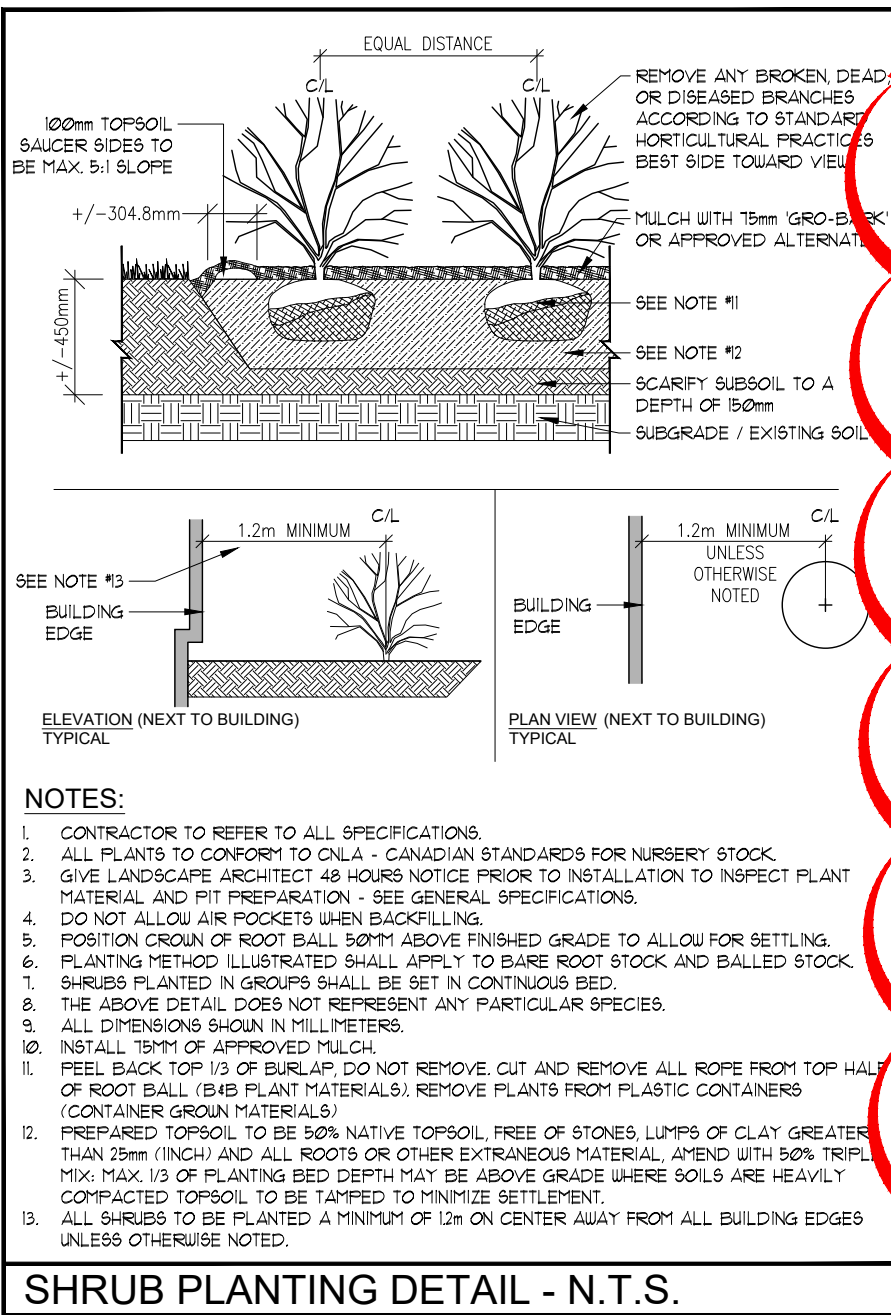
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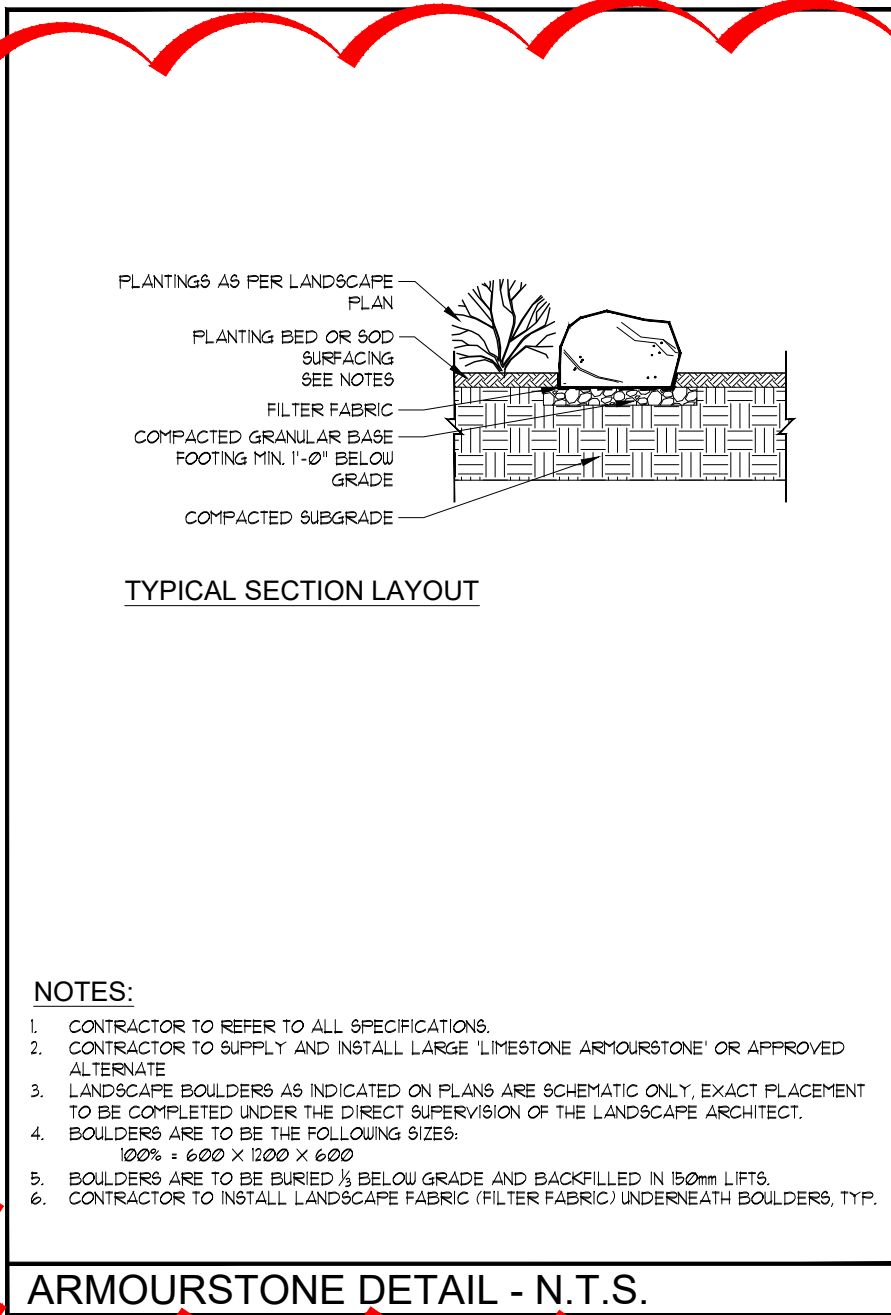
L-002



DECIDUOUS TREE PLANTING DETAIL - N.T.S.



SHRUB PLANTING DETAIL - N.T.S.



ARMOURSTONE DETAIL - N.T.S.

9

GENERAL PLANTING SPECIFICATIONS:

1. BASE INFORMATION SUPPLIED BY PARKIN ARCHITECTS.
2. ENGINEERING INFORMATION SUPPLIED BY: CONTRACTOR.
3. CONTRACTOR TO MAKE THEMSELVES 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. REPORT ALL DISCREPANCIES 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 ACCEPTANCE OF PROJECT.
7. ALL WORKMANSHIP TO BE WARRANTED FOR ONE YEAR UNLESS OTHERWISE STATED. WARRANTY PERIOD WILL BEGIN ON FINAL ACCEPTANCE OF PROJECT.
8. ALL WORKMANSHIP TO COMPLY WITH THE CANADIAN LANDSCAPE STANDARDS.
9. 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.
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 88% S.P.D.
 4. ALL SUBSOIL TO BE SCARIFIED TO A DEPTH OF 6" (150mm) PRIOR TO THE INSTALLATION OF TOPSOIL TO ENSURE NO HARDPAN CONDITIONS.
 5. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF TOPSOIL TO APPROVE SUBBASE.
 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 WET CONDITIONS.

- ### TOPSOIL
1. 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.
 2. 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 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 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 10.0.
 3. 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.
 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.
 5. PROTECT THE MUNICIPALITY OWNED ROAD ALLOWANCE(S)/BOULEVARD(S) FROM COMPACTION OR SOIL CONTAMINATION.

- ### MULCH
1. ALL TREEPITS, SHRUB PITS AND PLANTING AREAS ARE TO BE MULCHED UNLESS OTHERWISE NOTED.
 2. CONTRACTOR TO INSTALL 3" (75mm) 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 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 NEEDS 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 HOURS NOTICE FOR INSPECTION.
 5. 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).
 6. 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.
 7. 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.
 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 SAUCER TO HAVE APPROVED MULCH INSTALLED TO A MINIMUM DEPTH OF 25" (635mm).
 9. ALL BURLAP SHALL BE CUT AND BURIED BELOW SURFACE DURING PLANTING.
 10. ALL EVERGREENS ARE TO UNWRAPPED THE FIRST WINTER AT THE EXPENSE OF THE LANDSCAPE CONTRACTOR.
 11. 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).
 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.

- ### SOD
1. ALL LANDSCAPED AREAS TO BE SODDED TO THE STREET CURB (S) UNLESS OTHERWISE STATED.
 2. CONTRACTOR TO ENSURE (WHERE APPLICABLE) ALL PLANTING BEDS ADJACENT TO TRAFFIC ISLANDS, INTERIOR SITE CURBING, AND SIDEWALKS HAVE A 3.0"(76mm) SOD MAINTENANCE STRIP INSTALLED.
 3. ANY SODDING 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.
 4. 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 SQ.YD. (900 sq. ft.) IN AREA WITH THE SOIL PORTION BEING 3/4" IN THICKNESS.
 5. 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 1500 LBS. (680KG) PRESSURE PER SQ.FT.
 7. CONTRACTOR TO REPAIR ALL DAMAGED AREAS TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND/OR CLIENT.

- ### WATERING
1. 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 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.
 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 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
1. ALL LANDSCAPED AREAS TO BE SEEDED TO THE STREET(S) CURB UNLESS OTHERWISE STATED.
 2. 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.
 3. SEED TO BE:
20 % KENTUCKY BLUE GRASS
50 % CREEPING RED FESCUE
10 % BARRY OR FINNACLE PERENNIAL RYEGRASS
10 % ANNUAL RYEGRASS
 4. SEEDING RATE: 100kg PER Ha (100kg/Acre)
 5. TERRAPIN SC200 BY GEOSYNTHETICS INC. OR APPROVED ALTERNATE TO BE USED ON ALL SLOPES GREATER THAN OR STEEPER THAN 3:1.

PARKIN

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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:

LANDSCAPE DETAILS

Drawing No.

L-002

YRP HELICOPTER HANGAR

350 GARFIELD WRIGHT BOULEVARD
TOWN OF EAST GWILLIMBURY

[illegible]

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: 24-09-09
Project No: 2402 (RKLAI 24-128Le)



Sheet Title:

LANDSCAPE DETAILS

Drawing No.

L-002

GENERAL PLANTING SPECIFICATIONS:

1. BASE INFORMATION SUPPLIED BY PARKIN ARCHITECTS.
2. ENGINEERING INFORMATION SUPPLIED BY COUNTERPOINT.
3. CONTRACTOR TO MAKE THEMSELVES 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. REPORT ALL DISCREPANCIES 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, UNDER 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.
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 LANDSCAPING TO BE A 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.
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 6" (150 MM) PRIOR TO THE INSTALLATION OF TOPSOIL TO ENSURE NO HARP CAN CONDITIONS.
5. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF TOPSOIL TO APPROVE SUBBASE.
6. DIRECT ALL RAINLEADERS AND GUTTER LEADERS AWAY FROM PLANTING BEDS AND TO THE DESIGNATED SQUEALS.
7. NOTIFY LANDSCAPE ARCHITECT IN WRITING OF ANY SUBSTANTIAL WEIR CONDITIONS.

TOPSOIL

- [illegible]

MULCH

1. ALL TREEPITS, SHRUB PITS AND PLANTING AREAS ARE TO BE MULCHED UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO INSTALL 3" (75MM) 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 DRAWINGS IS/ ARE AND PLANT MATERIAL LIST(S) REPORT ALL DISCREPANCIES AT TENDERING PROCESS.
2. SUBSTITUTIONS WILL NOT BE ACCEPTED WITHOUT WRITTEN CONFORMATION BY THE LANDSCAPE ARCHITECT.
3. 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 PLANTINGS WITHOUT CONSENT OF LANDSCAPE ARCHITECT AND/OR PROJECT MANAGER WILL NOT BE ACCEPTED AND/OR MUNICIPAL APPROVALS. PLANT MATERIAL THAT WILL 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.
5. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY IN WRITING IF ADVERSE LEATHER MAY IMPACT THE HEALTH OF THE PLANT MATERIALS AT THE SITE OF PLANTING. IE. TEMPERATURE, PRECIPITATION.
6. UNDER TREES SHALL BE AT LEAST 2 FT. (600MM) UNDER HALL OF THE TREE TO BE PLANTED AND SHALL BE DEEP ENOUGH SO THAT THE ROOTS OF EXISTING OR EXISTING GRASS, A MINIMUM OF 6 FT. (1800MM) OF BACKFILL SHALL BE PLACED UNDER TREES. TREE PITS ARE NOT TO BE LEFT OPEN OVER NIGHT.
7. 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.
8. TREES SHALL HAVE A 1" DIA. 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 OF 15" (380MM).
9. ALL BURLAP SHALL BE CUT AND BURIED BELOW SURFACE DURING PLANTING.
10. CONTRACTOR TO PROVIDE THE FIRST WATER AT THE EXPENSE OF THE LANDSCAPE CONTRACTOR.
11. ALL SHRUBS PLANTED WITHIN 8' OF SALTED ROADWAYS, PARKING AND SIDEWALKS TO BE PROTECTED WITH SILT FENCING THROUGHOUT THE FIRST WATER UNDER INSTALLATION AT THE EXPENSE OF THE LANDSCAPE CONTRACTOR. (OPTIONAL)
12. DIRECT ALL RAINLEAKERS AND SURFACE LEAKERS AWAY FROM PLANTING BEDS AND TO DESIGNATED DRAINAGE SLOWS.
13. DO NOT INSTALL PLANT MATERIAL IN DRAINAGE SLOWS.
14. CONTRACTOR IS TO REMOVE ALL STAKES AND GUY WIRES AFTER 1 PLANT GROWING SEASONS.

SOD

1. ALL LANDSCAPED AREAS TO BE SOODED TO THE STREET CURB (1" UNLESS OTHERWISE STATED).
2. ALL SOODS TO BE PLANTED WITHIN 10' OF THE STREET CURB, ADJACENT TO TRAFFIC SIGNALS, INTERIOR SIDE CURBING AND SIDEWALKS HAVE A 30% (100' SOO) MAINTENANCE STRIP INSTALLED.
3. ANY SOODING OR WORKS ON LANDS ADJUTING THE PROPERTY FROM THE LOT LINE TO SIDEWALK AND CURBING, SHALL BE COMPLETED WITHIN 10 BUSINESS DAYS OF THE DATE OF THE PERMIT.
4. ALL SOODS TO BE PLANTED WITHIN 10' OF THE STREET CURB, ADJACENT TO TRAFFIC SIGNALS, INTERIOR SIDE CURBING AND SIDEWALKS SHALL BE CERTIFIED 1" CULTIVATED CAMEL GAZELLE; GROUND SOIL IN ACCORDANCE WITH THE CLASSIFICATIONS OF THE SOILS OF THE GROUND SURFACE. THE SOODS SHALL BE PLANTED WITHIN 10' OF THE STREET CURB, ADJACENT TO TRAFFIC SIGNALS AND CURB IN PIECES (APPROXIMATELY ONE 50" (1' 00") SOO) WITH THE SOIL PROFILE BEING 3/4" (1/8") MIN.
5. SOOD TO BE PERMITTED AT THE APPROPRIATE RATES AS INDICATED BY SOIL TESTS COMPLETED BY A REGISTERED SOIL LABORATORY.
6. CONSTRUCTION AREAS SHALL BE SOODED TO THE STREET CURB (1" UNLESS OTHERWISE STATED).
7. SOOD AND SOIL HAVE BEEN DULY SPECIFIED TO PREVENT DAMAGE. IT SHALL BE ROLLED ON A ROLLER PROTECTING 1500 LBS. (68KG) PRESSURE PER SQFT.
8. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND/OR CLIENT.

WATERING

1. DURING THE WARRANTY PERIOD BETWEEN MAY 15 AND SEPTEMBER 5 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 IN WRITING.
2. IF AN AUTOMATED IRRIGATION SYSTEM HAS BEEN PROVIDED FOR WATERING OPERATIONS, CONTRACTOR TO PROVIDE WATER OF THE TYPE & FLOW RATE WITHIN THE BUILDING ENVELOPE ARE NOT AVAILABLE.
3. MANUAL WATERING SHOULD ENSURE DEEP WATERING OF TREES, SHRUBS, GROUND COVERS AND GRASSES; WATERING OF GRASSES SHALL BE LIMITED TO TOPPING AND WATERING OF TREES, SHRUBS WITH INTENSITY DEPENDING ON AMOUNT OF RAINFALL. NEW SOIL THAT HAS BEEN LAID SHOULD BE KEPT MOIST FOR 2 TO 3 WEEKS OR UNTIL IT HAS FIRMLY ROOTED INTO THE EXISTING SOIL.
4. ALL CONIFEROUS TREES SHALL BE WATERED IN LATE FALL, JUST PRIOR TO FREEZING.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WATERING OF THE SOIL IN THE PLANT BEDS. IF ANY OF THESE GUARDS DOES NOT OCCUR DAMAGE, SHALL BE IMMEDIATELY REPAIRED TO THE SATISFACTION OF THE OWNER AT AN ADDITIONAL COST.

SEED

1. ALL LANDSCAPED AREAS TO BE SEEDED TO THE STREET(S) CURB UNLESS OTHERWISE STATED.
2. ANY WORKS ON LANDS ABUTTING THE PROPERTY FROM THE LOT LINES TO SIDEWALK AND CURBING SHALL BE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT, CITY, AND/OR REGIONAL MUNICIPALITY.
3. SEED TO BE:
 - 20% KENTUCKY BLUE GRASS
 - 50% CREEPING RED PERSIQUE
 - 30% BARRY OR PINNACLE PERENNIAL RYEGRASS
 - 10% ANNUAL RYEGRASS
4. SEEDING RATE: 125kg PER HA (110lbs/Acre)
5. TERRAFIX SC2000 BY GEOSYNTHESIS INC. OR APPROVED ALTERNATE TO BE AT ALL SLOPES GREATER THAN OR STEEPER THAN 3:1.