TREE INVENTORY CHART

ID	Botanical Name	Common Name	DBH (cm)	Radius (m)	Trunk Integrity	Crown Structure	Crown Vigor	Directive	Comments
1	Fraxinus pennsylvanica	Green Ash	13 & 9	2.5	Poor	Fair	Poor	Remove	Cracks in trunk. signs of EAB and decay.
2	Fraxinus pennsylvanica	Green Ash	13	3	Poor	Fair	Fair	Remove	Cracks in trunk. signs of EAB and decay.
3	Acer negundo	Manitoba Maple	8, 9, 8, 8, 15, 15, 18, 13, & 15	5	Fair	Fair	Fair	Remove	Multi-stem at base.
4	Salix spp.	Willow spp.	59, 47, 48, 46, 47, & 48	12	Fair	Fair	Fair	Remove	10% deadwood in canopy. Multi-stem at base. Recommend to remove due to conflicts with construction.
5	Fraxinus pennsylvanica	Green Ash	12	2	Poor	Fair	Fair	Retain	Cracks in trunk, signs of EAB and decay. Boundary Tree.
6	Acer platanoides	Norway Maple	35	5	Fair	Fair	Fair	Remove	Recommend to remove due to conflicts with construction.
7	Gleditsia triacanthos var. Inermis	Thornless Honey Locust	39	7	Fair	Fair	Fair	Remove	Recommend to remove due to conflicts with construction.
8	Acer ginnala	Amur Maple	32, 34, 19, 17, & 28	7	Poor	Fair	Fair	Remove	Wounds in trunk, signs of decay, multi-stem at base and poor tree architecture. Recommend to remove due to conflicts with construction.
9	Betulus papyrifera	White Birch	16 & 16	2	Poor	Poor	Poor	Remove	Multi-stem at base. 2 dead stems. small canopy. 75% dead canopy. Recommend to remove due to condition.
10	Picea glauca	White Spruce	37	3	Good	Fair	Fair	Remove	Slight lean to the south. Recommend to remove due to conflicts with construction.

)	Botanical Name	Common Name	DBH (10-25cm)	DBH (26-50cm)	DBH (>50cm)	Tree Total	Directive	Comments
	Fraxinus pennsylvanica	Green Ash	109	7		116	Retain	Tree grouping is on the South and West side of the site and contains approximately 123 stems. There were a number of stems under 10cm DBH as well as Red osier dogwood within the grouping.
i1 	Malus spp.	Common Apple spp.	1			1		
	Pinus sylvestrus	Scots Pine	5			5		
	Picea glauca	White Spruce		1		1		

GENERAL

- 1. ALL EXISTING TREES AT PROPERTY BOUNDARIES AND ON ADJACENT PROPERTIES SHALL BE PRESERVED AND PROTECTED. WHERE TREES WHICH THAT ARE LOCATED AT SHARED PROPERTY BOUNDARIES OR ON ADJACENT PROPERTIES ARE IDENTIFIED BY THIS PLAN TO SUSTAIN INJURY OR REQUIRE REMOVAL, THE OWNER OF THE ADJACENT PROPERTY'S WRITTEN PERMISSION IS REQUIRED PRIOR TO ANY CONSTRUCTION OR REMOVALS WORKS COMMENCE.
- 2. FOR TREE INVENTORY, REFER TO DRAWING TMP-1.

TREE PROTECTION FENCING

- 1. THE CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING (TPF) TO PROTECT TREES IDENTIFIED FOR PRESERVATION.
- 2. ALL TPF WILL CONFORM WITH THE DETAIL(S) INCLUDED ON THESE PLANS. WHERE CURRENT GOVERNING MUNICIPAL/CITY STANDARDS DIFFER, CONTACT PROJECT ARBORIST OR CONTRACT ADMINISTRATOR FOR DIRECTION.
- 3. NO SUBSTITUTIONS OF MATERIALS, PRODUCTS OR QUANTITIES WILL BE ACCEPTED WITHOUT THE PRIOR WRITTEN PERMISSION OF THE PROJECT ARBORIST.
- 4. UPON INSTALLATION OF THE TPF, THE CONTRACTOR SHALL CONTACT THE PROJECT ARBORIST TO REVIEW AND APPROVE THE FENCING AND LOCATION(S) IN WRITING PRIOR TO COMMENCEMENT OF ANY SITE WORK.
- 5. THE TPF SHALL REMAIN IN THE APPROVED LOCATIONS THROUGHOUT THE DURATION OF THE SITE WORKS AND SHALL NOT BE MOVED AT ANY TIME TO ACCOMMODATE CONSTRUCTION OR SITE WORK.
- 6. THE CONTRACTOR SHALL INSPECT TPF WEEKLY AND MAINTAIN AS REQUIRED THROUGH ALL STAGES OF DEVELOPMENT/CONSTRUCTION.
 THE TPF SHALL BE REMOVED AT THE COMPLETION OF ALL SITE WORKS AND DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL

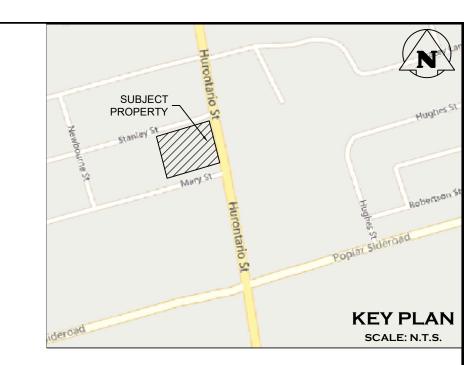
TREE PRESERVATION

- THE TREE PROTECTION ZONE (TPZ) IS PROTECTED AND DELINEATED BY THE TPF. THE CONTRACTOR IS NOT TO PROCEED IN UNCERTAINTY.
 ANY POTENTIAL OR INCURRED INJURY/DAMAGE TO ADJACENT TREE(S) IDENTIFIED TO BE PRESERVED SHALL BE IMMEDIATELY REPORTED TO THE PROJECT ARBORIST AND REVIEWED ON SITE. INJURY/DAMAGE INCLUDES ANY REQUIRED ARBORICULTURAL TREATMENT INCLUDING BUT NOT LIMITED TO: LIMB PRUNING, TRUNK DAMAGE, ROOT EXPOSURE OR REQUIRED CUTTING/REMOVAL OR ANY OTHER ACTIVITY THAT HAS THE POTENTIAL TO HARM THE TREE.
- 3. THE TPZ IS NOT TO BE USED FOR ANY TYPE OF STORAGE INCLUDING MATERIALS, EQUIPMENT OR STOCKPILES.
- 4. NO TRENCHING OR TUNNELING FOR UNDERGROUND SERVICES SHALL OCCUR WITHIN THE TPZ.
- 5. ANY EQUIPMENT USE WITHIN THE TPZ WILL BE RESTRICTED THROUGHOUT ALL STAGES OF DEVELOPMENT. THIS APPLIES TO TPZS WITHIN OR OUTSIDE OF THE PROJECT LIMIT LINE.
- ABSOLUTELY NO ALTERATION OF GRADES OR CONSTRUCTION ACTIVITY IS PERMITTED WITHIN THE TPF AND TPZ. ABSOLUTELY NO FLUSHING OF CONTAMINANT SHALL BE PERMITTED TOWARDS OR WITHIN THE TPZ.
- 7. WHEN WORKING ADJACENT TO TREES TO BE PRESERVED SITE PREPARATION MEASURES SUCH AS PRUNING FOR OVERHEAD CLEARANCE MAY BE REQUIRED. PREPARATORY PRUNING SHALL ONLY BE PERFORMED WHEN COMPLETED BY OR UNDER THE DIRECT SUPERVISION OF AN ISA CERTIFIED ARBORIST (OR APPROVED QUALIFIED PERSON AS APPROVED BY THE PROJECT ARBORIST).
- 8. ALL PRUNING WORK SHALL BE PERFORMED BY A QUALIFIED INDIVIDUAL AND SHALL BE IN ACCORDANCE WITH CURRENT HORTICULTURAL PRACTICES INCLUDING BUT NOT LIMITED TO:
- a. PRUNING CUTS SHALL BE MADE JUST BEYOND THE BRANCH COLLAR AND SHOULD BE LIMITED TO THINNING CUTS. HEADING CUTS WILL ONLY BE ACCEPTED IN SPECIFIC CASES AS DIRECTED BY AN ARBORIST AND SHOULD BE AVOIDED WHERE POSSIBLE.
- b. PRUNING OF ALL STEMS GREATER THAN 50 MM IN DIAMETER SHOULD BE MADE WITH A THREE-CUT METHOD TO AVOID TEARING LIVING
- c. NO WOUND DRESSINGS SHALL BE APPLIED.
- 16. WHERE SOIL EXCAVATION/GRADING WORK IS REQUIRED WITHIN THE ROOTING ZONE OF A TREE TO BE PRESERVED (THE ROOTING ZONE OFTEN EXTENDS BEYOND THE IDENTIFIED TPZ AND CAN BE 3 TIMES THE DRIPLINE RADIUS OR MORE):
- a. ROOTS SHALL BE CLEANLY SEVERED BEFORE STRIPPING AND REMOVING SOIL TO AVOID DAMAGE TO THE TREE AND THE ROOT SYSTEM. ROOTS TO BE CUT USING APPROPRIATE EQUIPMENT (I.E. TRENCHER ADAPTED TO THIS SPECIFIC USE/CHAINSAW/ROOT PRUNING MACHINE). ROOTS MAY BE SEVERED USING THE CLEAN EDGE OF A STRAIGHT EXCAVATOR BUCKET UNDER SUPERVISION OF AN ISA CERTIFIED ARBORIST.
- b. NO ATTEMPTS TO CUT EXISTING ROOTS WITH THE DIGGING BUCKET OF ANY HEAVY MACHINERY WILL BE PERMITTED AS IT CAN CAUSE THE ROOTS TO TEAR AND PULL AND BE HARMFUL TO ROOT REGENERATION AND RECOVERY.
- c. ANY EXPOSED ROOTS OF A TREE TO BE PRESERVED WITH A DIAMETER GREATER THAN 2.5CM (1 INCH) SHALL BE PRUNED BACK TO THE SOIL FACE.
- d. AN EXCAVATION AREA WITHIN THE TPZ SHALL BE BACKFILLED IMMEDIATELY AND/OR ROOTS SHALL BE KEPT CONSTANTLY MOIST WITH BURLAP COVERED WITH WHITE PLASTIC AND CHECKED A MINIMUM OF 2 TIMES A DAY, FOR A MAXIMUM OF 48 HOURS. IF ROOTS ARE TO BE EXPOSED FOR A PERIOD GREATER THAN 48 HOURS, THE EXPOSED AREA SHALL BE COVERED WITH A MINIMUM OF 150 MM (6 INCHES) OF MULCH AND MAINTAINED IN A MOIST CONDITION DURING CONSTRUCTION UNTIL THE AREA CAN BE PROPERLY BACKFILLED.
- 17. TREES SHALL NOT HAVE ANY RIGGING CABLES, FENCING, SIGNAGE OR HARDWARE OF ANY SORT ATTACHED OR WRAPPED AROUND THEM.18. NO CONTAMINANTS OR TOXIC MATERIALS SHALL BE DUMPED OR FLUSHED WHERE THEY MAY COME INTO CONTACT WITH THE FEEDER
- ROOTS OF TREES TO BE PRESERVED.

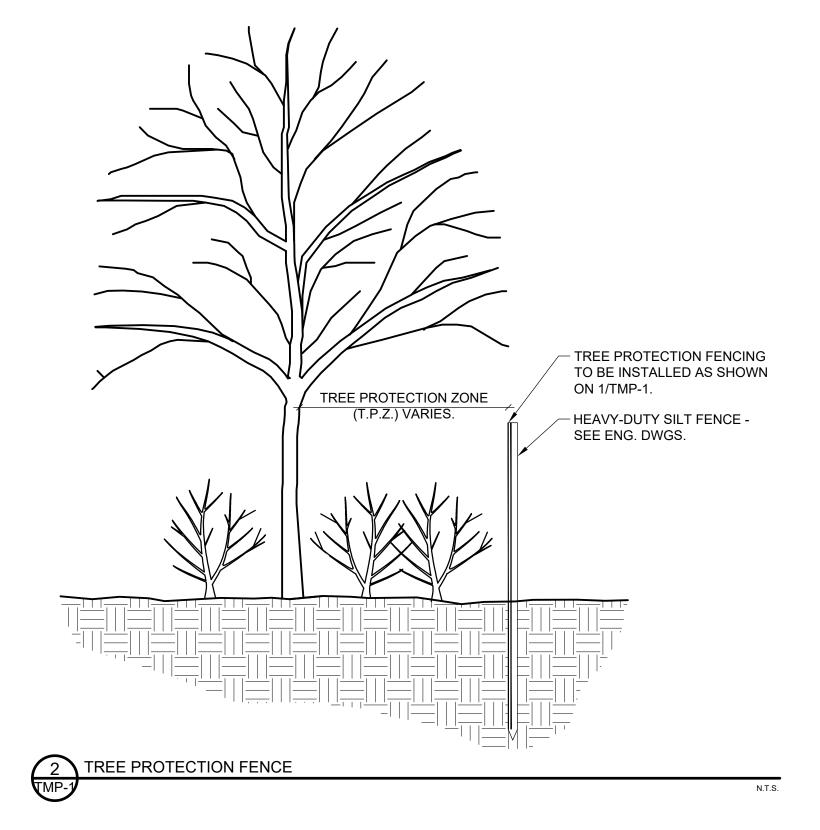
 19. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL AVOIDABLE DAMAGE TO PRESERVED TREES DURING ALL STAGES OF
- 20. WATERING OR OTHER MAINTENANCE OF TREES TO BE PRESERVED MAY BE REQUIRED IF CONSTRUCTION ACTIVITIES ARE OBSERVED TO BE CAUSING STRESS OR IMPACTING HEALTH AS DETERMINED BY THE PROJECT ARBORIST.

TREE REMOVALS

- PRIOR TO THE COMMENCEMENT OF TREE REMOVALS, ALL TREES DESIGNATED FOR REMOVAL MUST BE CLEARLY IDENTIFIED IN THE FIELD.
 WHERE POSSIBLE, REMOVALS, CHIPPING, AND/OR BRUSH REMOVAL IS TO BE COMPLETED OUTSIDE THE WINDOW OF APRIL 1 TO AUGUST 31. THIS WINDOW ACCOUNTS FOR ACTIVE BIRD NESTING AND BAT MATERNITY ROOSTING PERIODS. WHERE REMOVALS MUST OCCUR WITHIN THE RESTRICTED ACTIVITY WINDOW, NEST AND ROOSTING HABITAT ASSESSMENTS TO PROTECT SPECIES PROTECTED UNDER THE MIGRATORY BIRDS CONVENTION ACT, 1994 AND ENDANGERED SPECIES ACT, 2007. THESE SURVEYS MUST BE COMPLETED BY A QUALIFIED
- 3. TREES SHALL ALWAYS BE FELLED AWAY FROM ADJACENT PRESERVED TREES TO PREVENT AVOIDABLE DAMAGE TO THE CROWNS AND



LEGEND			
	PROPERTY BOUNDARY		
	SETBACK		EXISTING DECIDUOUS TREE TO BE RETAINED OR PROTECTED
~~~	EDGE OF VEGETATION TO BE RETAINED AND PROTECTED		
	TREE PROTECTION FENCE		TREE TO BE PRESERVED
			TREE IDENTIFICATION TAGS
$( \times )$	EXISTING DECIDUOUS TREE TO BE REMOVED		TREE TO BE REMOVED
		<del></del>	EXISTING CHAIN LINK FENCE
F ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	EXISTING CONIFEROUS	O _{HP}	EXISTING HYDRO POLE
* X }	TREE TO BE REMOVED		EXISTING FIRE HYDRANT
244			UNDERGROUND SERVICES
			SWALE OR DITCH
		<del></del>	EXISTING RELOCATED CHAIN LINK FENCE





THE MODIFICATION AND/OR REPRODUCTION OF ANY PART OF THIS DRAWING IS STRICTLY PROHIBITED WITHOUT WRITTEN AUTHORIZATION FROM THIS OFFICE. THE DIGITAL FILES CONTAIN INTELLECTUAL AND DIGITAL DATA PROPERTY THAT IS THE EXCLUSIVE PROPERTY OF C.F. CROZIER & ASSOCIATES INC. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS, AND DATUMS ON SITE AND REPORT ANY DISCREPANCIES OR OMISSIONS TO C.F. CROZIER & ASSOCIATES INC. PRIOR TO CONSTRUCTION.

THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT.
 ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
 DO NOT SCALE DRAWINGS.

 TOPOGRAPHIC SURVEY PROVIDED AND COMPLETED BY SMC GEOMATICS INC. (COMPLETED ON MARCH 19, 2024).
 ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED. No. ISSUE DATE: YYYY/MM/DD

0 ISSUED FOR 1st SUBMISSION

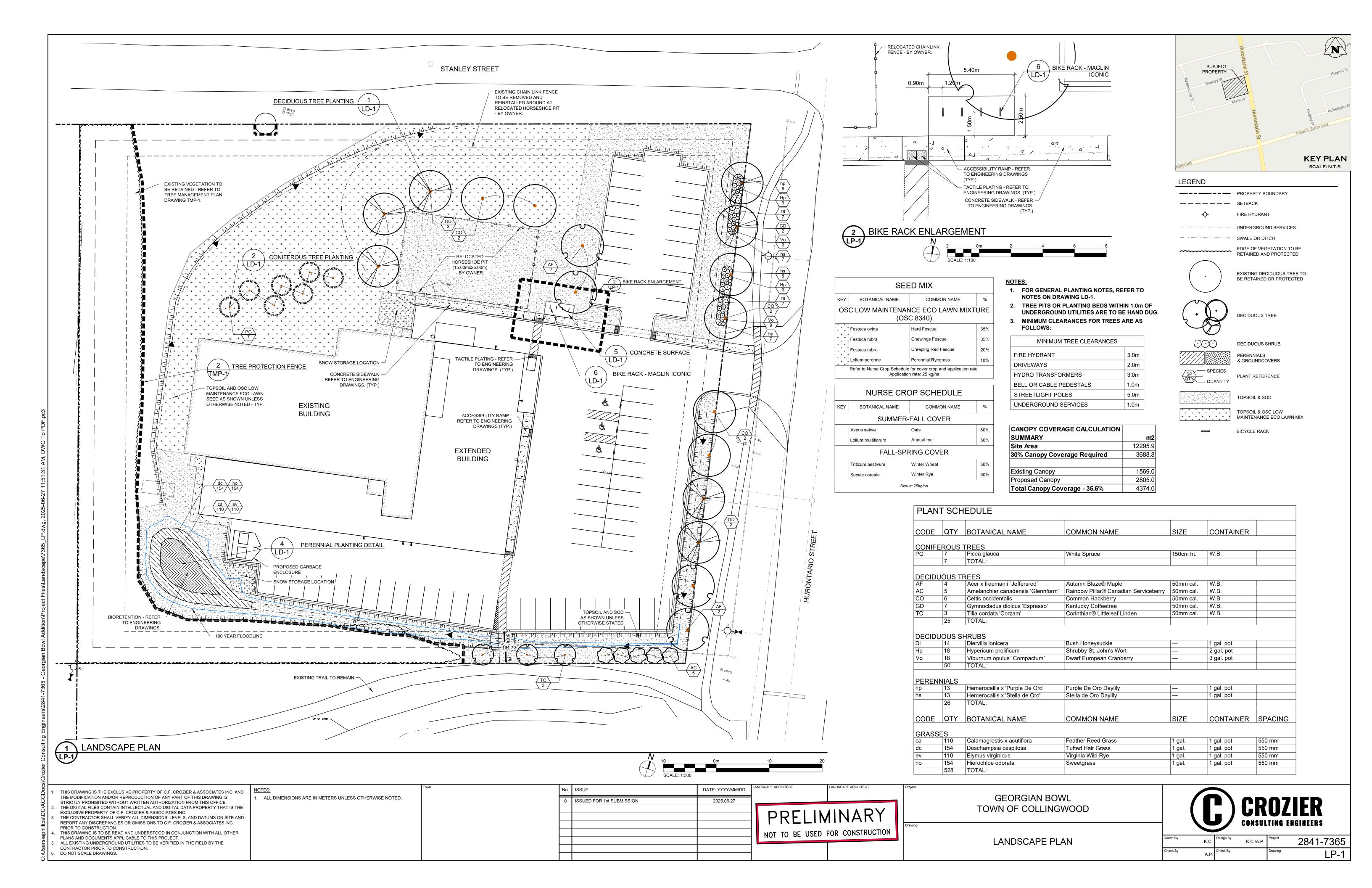
PR

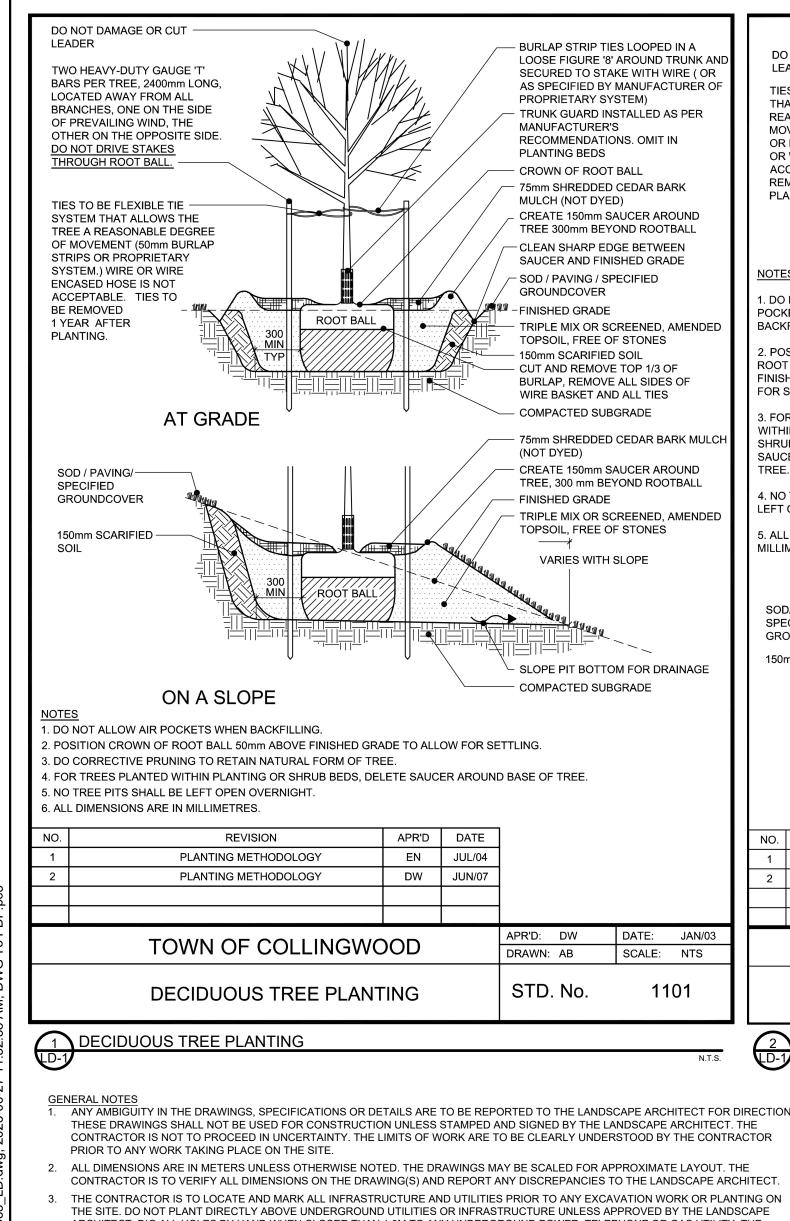
NOT TO

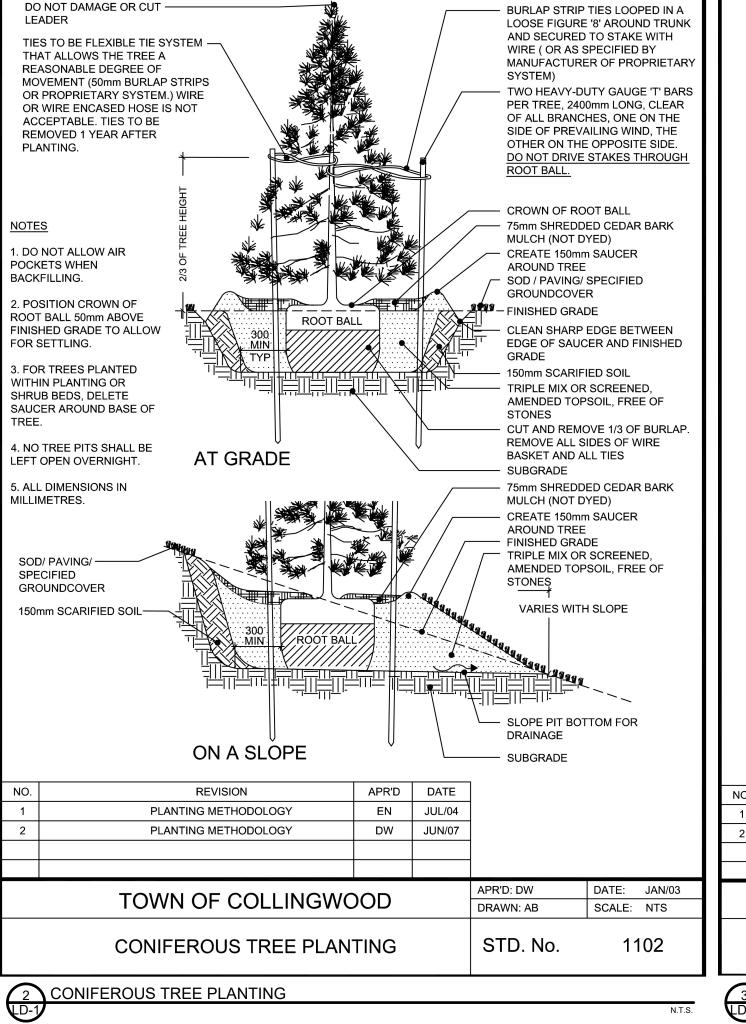
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

GEORGIAN BOWL TOWN OF COLLINGWOOD

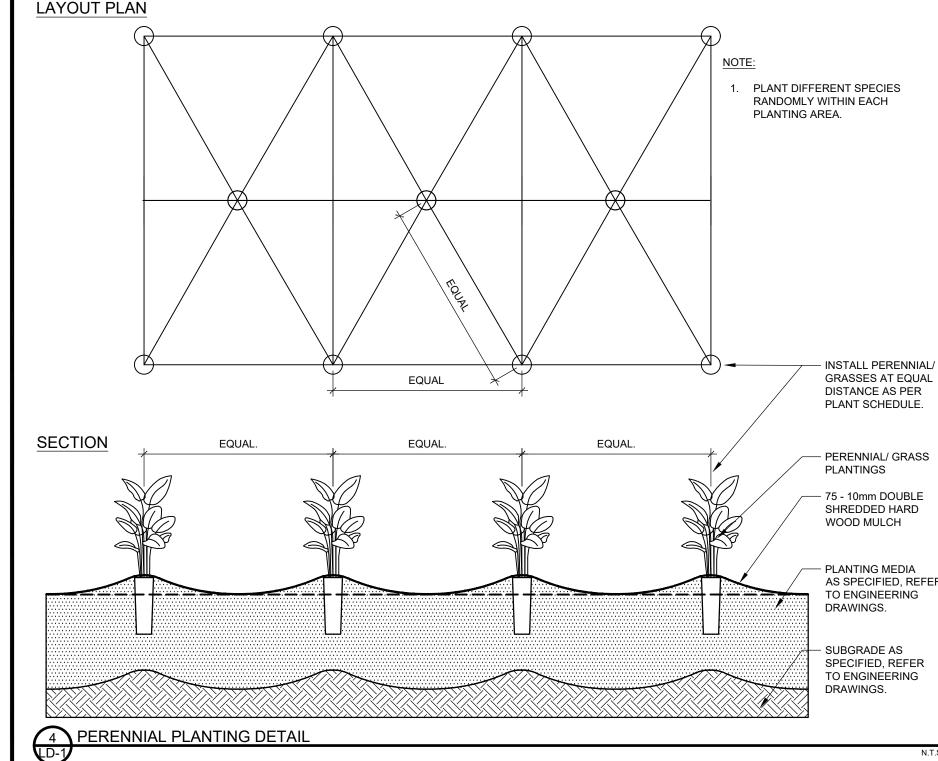








100mm EARTH BERM — AROUND EDGES OF PLANTING BED MIN. 75mm SHREDDED CEDAR CLEAN SHARP EDGE ---BARK MULCH (NOT DYED) BETWEEN PLANTING BED AND FINISHED GRADE <u>B&B ROOTBALL:</u> LOOSEN AND FINISHED GRADE -ROLL BACK TOP 1/3 OF BURLAP PAVING / SOD / -POTTED ROOTBALL: REMOVE SPECIFIED GROUNDCOVER ► **CONTAINER AND MAINTAIN** SOIL BALL TRIPLE MIX OR SCREENED, AMENDED TOPSOIL, FREE OF STONES MIN. 150mm TAMPED SOIL TYPICAL SHRUB PLANTING CLEAN SHARP EDGE -BETWEEN PLANTING BED AND FINISHED GRADE FINISHED GRADE — 100mm EARTH BERM ON PAVING / SOD / -DOWNWARD SIDE OF ALL SPECIFIED PLANT MATERIAL GROUNDCOVER COMPACTED SLOPE TRIPLE MIX OR SCREENED AMENDED TOPSOIL, FREE OF STONES 1. DO NOT ALLOW AIR POCKETS WHEN BACKFILLING. 2. POSITION CROWN OF ROOT PLANTING ON 3:1 SLOPE DETAIL BALL 25mm ABOVE FINISH GRADE TO ALLOW FOR SETTLING. 3. ALL DIMENSIONS IN MILLIMETRES. APR'D DATE REVISION PLANTING METHODOLOGY EN JUL/04 PLANTING METHODOLOGY DW JUN/07 DATE: JAN/03 TOWN OF COLLINGWOOD DRAWN: AB SCALE: NTS STD. No. SHRUB PLANTING 1103 3 SHRUB PLANTING



ARCHITECT. DIG ALL HOLES BY HAND WHEN CLOSER THAN 1.0M TO ANY UNDERGROUND POWER, TELEPHONE OR GAS UTILITY. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION AND MAINTENANCE OF ALL UTILITY/INFRASTRUCTURE LOCATES FOR THE DURATION OF THE CONTRACT.

THE CONTRACTOR SHALL SUPPLY ALL MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE WORK SHOWN ON THESE DRAWINGS. THE CONTRACTOR IS NOT TO SUBSTITUTE MATERIALS, PRODUCTS OR QUANTITIES WITHOUT PRIOR WRITTEN CONSENT OF THE LANDSCAPE

THE CONTRACTOR IS TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT ALL EXISTING SITE FEATURES UNLESS SPECIFIED FOR REMOVAL/DEMOLITION. THIS INCLUDES ALL SURVEY BARS, STAKES, MONUMENTS AND SEDIMENT BARRIERS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES INCURRED DURING CONSTRUCTION AND MUST MAKE ALL NECESSARY RESTORATIONS AND REPAIRS

ALL EXISTING TREES, SHRUBS, AND HERBACEOUS PLANTS BEYOND THE LIMIT OF WORK ARE TO BE PROTECTED FROM CONSTRUCTION DAMAGE THIS INCLUDES BUT IS NOT LIMITED TO: NOT STORING CONSTRUCTION MATERIALS OR FUEL WITHIN THE DRIPLINE OF AN EXISTING TREE, NOT ALTERING EXISTING GRADES OR COMPACTING SOIL AROUND PROTECTED VEGETATION AND TAKING CARE NOT TO DISTURB OR EXPOSE THE ROOTS OF ANY EXISTING TREES. THE CONTRACTOR IS RESPONSIBLE FOR ALL PROTECTION OR HOARDING MEASURES OF ALL EXISTING TREES AND VEGETATION TO BE PRESERVED WITHIN OR ADJACENT TO CONSTRUCTION WORK LIMITS.

CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL DEBRIS, GARBAGE AND SURPLUS MATERIALS ON SITE RELATED TO THEIR CONTRACT OR WORK AND MUST KEEP THE SITE IN A CLEAN, SAFE, USEABLE CONDITION AT ALL TIMES OR AS DIRECTED BY THE

PLANTING NOTES THE CONTRACTOR MUST NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY PLANTING. THE CONTRACTOR SHALL SUPPLY ALL PLANTS AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THIS DRAWING. ANY

DISCREPANCIES BETWEEN QUANTITIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT. ALL LANDSCAPE WORKS WILL BE WARRANTED FOR A PERIOD OF TWENTY-FOUR (24) MONTHS FOLLOWING INSPECTION AND WRITTEN NOTICE OF START OF WARRANTY PERIOD AS DETERMINED AND PROVIDED BY THE LANDSCAPE ARCHITECT. PLANT MATERIAL, WHICH IS NOT IN A HEALTHY, VIGOROUS GROWING CONDITION AT THE END OF THE WARRANTY PERIOD, SHALL BE REPLACED TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT / OWNER.

THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO EXTEND CONTRACTOR'S WARRANTY RESPONSIBILITIES FOR AN ADDITIONAL YEAR IF, AT THE END OF INITIAL WARRANTY PERIOD, LEAF DEVELOPMENT AND GROWTH IS NOT SUFFICIENT TO ENSURE FUTURE SURVIVAL AS DETERMINED BY THE LANDSCAPE ARCHITECT

THE CONTRACTOR IS TO IDENTIFY WITH LANDSCAPE ARCHITECT/OWNER ANY MAINTENANCE REQUIREMENTS NECESSARY FOR WARRANTY PURPOSES.

PLANT MATERIALS SPECIFIED FOR THIS PROJECT WILL CONFORM TO THE CANADIAN NURSERY LANDSCAPE ASSOCIATION (C.N.L.A.) FOR SIZE, VARIETY AND CONDITION AS INDICATED ON THE PLANT SCHEDULE SHOWN ON THESE DRAWINGS. ANY PLANT MATERIALS WHICH DO NOT CONFORM WILL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE

THE LANDSCAPE ARCHITECT IS TO BE CONTACTED FOR INSPECTION AND WRITTEN APPROVAL PRIOR TO PLANT MATERIAL ARRIVING ON SITE. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANT MATERIALS THAT HAVE NOT BEEN INSPECTED AND

7. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ACCEPTANCE OF ANY PLANT DISPLAYING POOR GROWTH HABITS. SITE AND REPLACED WITH MATERIAL OF ACCEPTABLE QUALITY AT NO ADDITIONAL CHARGE TO THE PROJECT.

8. PLANT MATERIALS COLLECTED FROM WILD SOURCES WILL NOT BE ACCEPTED WITHOUT WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REQUIRE THAT SUPPLIER INVOICES BE SUBMITTED FOR INSPECTION AND APPROVAL PRIOR TO ACCEPTANCE

ON-SITE LAYOUT OF THE PLANT MATERIALS TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. MINOR FIELD ADJUSTMENTS TO PLANT MATERIAL LOCATIONS MAY BE NECESSARY TO RESPOND TO THE LOCATIONS OF EXISTING PLANTS AND SITE CONDITIONS. THE CONTRACTOR TO REVIEW WITH LANDSCAPE ARCHITECT WHERE RELOCATIONS ARE NECESSARY. THE CONTRACTOR MUST RECEIVE APPROVAL FROM LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

10. PLANTS ARE NOT TO BE INSTALLED DURING EXTREME HEAT, DROUGHT, OR OTHER UNDESIRABLE CONDITIONS. THOROUGHLY WATER ALL PLANTS IMMEDIATELY AFTER INSTALLATION. THE CONTRACTOR SHALL REGULARLY MONITOR SITE CONDITIONS AND WATER AS REQUIRED TO ENSURE HEALTHY GROWTH CONDITIONS THROUGHOUT THE DURATION OF THE WARRANTY PERIOD.

11. DO NOT PLANT DIRECTLY IN CENTERLINE OF DRAINAGE SWALES OR DEPRESSION AREAS. WHERE PROPOSED PLANTING LOCATIONS CONFLICT WITH CONSTRUCTED SWALES OR LOW-LYING WET AREAS, CONTACT LANDSCAPE ARCHITECT FOR DIRECTION.

12. ALL PLANTS ARE TO BE PLANTED IN ACCORDANCE WITH THE PLANTING DETAILS SHOWN ON THIS DRAWING. ALL PLANTS ARE TO BE

13. TOPSOIL: EACH SOURCE OF TOPSOIL, IMPORTED OR NATIVE TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO USE. SUBMIT TOPSOIL ANALYSIS/TEST RESULTS TO LANDSCAPE ARCHITECT PRIOR TO ORDER OR DELIVERY TO SITE, TESTING TO BE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS. SUPPLY AND PLACE TOPSOIL IN ACCORDANCE WITH OPSS 802 TO A MINIMUM DEPTH OF 150MM IN SEED/SOD AREAS, 600MM DEPTH IN PERENNIAL/ SHRUB PLANTING BEDS, AND 1000MM DEPTH WHERE TREES ARE SUPPORTED, UNLESS

14. SHREDDED CEDAR BARK MULCH: TO BE SPREAD UNIFORMLY AROUND THE BASE OF TREES AND SHRUBS TO A MINIMUM DEPTH OF 100 MM. DO NOT PLACE MULCH IN DIRECT CONTACT WITH TRUNK OR STEM(S), ALLOW A 100 MM MULCH FREE ZONE AT TRUNK/STEMS. SHRUBS TO BE IN CONTINUOUSLY MULCHED PLANTING BEDS UNLESS OTHERWISE SPECIFIED

15. SUPPLY AND PLACE SEED IN ACCORDANCE WITH OPSS 804 UNLESS OTHERWISE SPECIFIED. ALL 5:1 OR GREATER SLOPES TO BE SEEDED WITH TACKIFIER. ALL SLOPES GREATER THAN 3:1 SHALL BE MATTED WITH AN EROSION CONTROL BLANKET. SUPPLY AND PLACE SOD IN ACCORDANCE WITH OPSS 803 UNLESS OTHERWISE SPECIFIED.

16. THE CONTRACTOR IS TO REMOVE DEAD OR DAMAGED BRANCHES ON TREES OR SHRUBS. ALL PRUNING SHALL BE PERFORMED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES AND APPROPRIATE TIMING FOR EACH SPECIES.

17. ALL STAKES AND ASSOCIATED TIES ARE TO BE REMOVED AFTER THE FIRST FULL GROWING SEASON. RODENT GUARDS ARE TO BE REMOVED AT THE CONCLUSION OF THE WARRANTY PERIOD. GATORBAGS ARE TO BE REMOVED FOR WINTER MONTHS.

1. ANY LAWN AREAS DISTURBED BY CONSTRUCTION SHALL BE RE-SODDED AND REPAIRED TO ORIGINAL CONDITION OR BETTER.

INSTALLED VERTICAL AND PLUMB, REGARDLESS OF GROUND SLOPE.

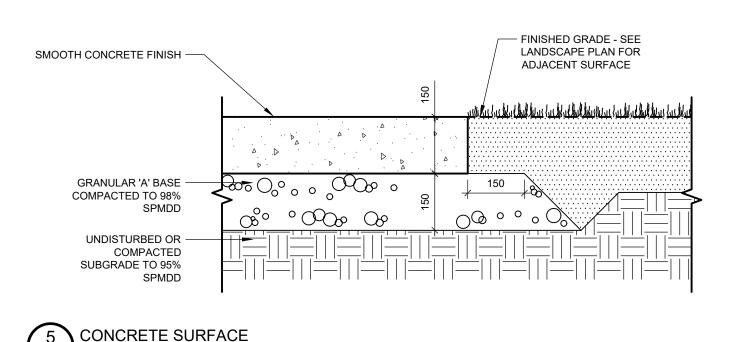
DEFICIENCIES AND IRREGULARITIES.

2. SOD AND SODDING OPERATIONS TO BE IN ACCORDANCE WITH OPSS 803, EXCEPT AS NOTED BELOW. 3. SOD TO BE DELIVERED TO PROJECT WITHIN 24 HOURS OF BEING HARVESTED AND LAID WITHIN 36 HOURS THEREAFTER.

4. ROUGH GRADED AND COMPACTED SOIL SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 100 MM FREE OF ALL STONES, ROOTS, BRANCHES, LARGER THAN 25 MM DIAMETER. TOPSOIL TO BE SPREAD AT A MINIMUM DEPTH OF 150 MM COMPACTED TO 85% S.P.D.

5. PLACE SOD ON PREPARED TOPSOIL WITH STAGGERED JOINTS AND BUTT TIGHTLY. IRRIGATE IMMEDIATELY TO ENSURE MOISTURE PENETRATION INTO THE UPPER 100 MM (4") OF SOIL. MACHINE ROLL TO ENSURE CONTACT WITH TOPSOIL. REPAIR MINOR GRADE

6. WATER SOD IMMEDIATELY AFTER LAYING TO OBTAIN MOISTURE PENETRATION TO A MINIMUM OF 100 MM DEPTH WITHIN TOPSOIL. MAINTAIN SOD PER OPSS 803. SOD MUST BE CUT A MINIMUM OF TWO TIMES FOR FINAL ACCEPTANCE AT THE DISCRETION OF THE





THIS DRAWING IS THE EXCLUSIVE PROPERTY OF C.F. CROZIER & ASSOCIATES INC. AND THE MODIFICATION AND/OR REPRODUCTION OF ANY PART OF THIS DRAWING IS STRICTLY PROHIBITED WITHOUT WRITTEN AUTHORIZATION FROM THIS OFFICE. THE DIGITAL FILES CONTAIN INTELLECTUAL AND DIGITAL DATA PROPERTY THAT IS THE

EXCLUSIVE PROPERTY OF C.F. CROZIER & ASSOCIATES INC. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS, AND DATUMS ON SITE AND REPORT ANY DISCREPANCIES OR OMISSIONS TO C.F. CROZIER & ASSOCIATES INC. PRIOR TO CONSTRUCTION. THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER

PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT. ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

No. ISSUE DATE: YYYY/MM/DD ISSUED FOR 1st SUBMISSION 2025.06.27

PRELIMINARY NOT TO BE USED FOR CONSTRUCTION

**GEORGIAN BOWL** TOWN OF COLLINGWOOD

LANDSCAPE DETAILS



2841-7365 K.C./A.P.

Sustainability Facts

Unit Size One (1) MBR-2300-00001 Bike Rac