ST. THOMAS AQUINAS CATHOLIC SCHOOL KINDERGARTEN OUTDOOR PLAY AREA RENOVATION









DURHAM CATHOLIC DISTRICT SCHOOL BOARD (DCDSB) 652 Rossland Road West Oshawa, ON L1J8M7

LANDSCAPE ARCHITECT + PROJECT LEAD



SEFERIAN DESIGN GROUP (SDG) 761 Brant Street, Suite 202 Burlington, ON L7R 2H7



PROJECT LOCATION:



ST. THOMAS AQUINAS CATHOLIC SCHOOL 400 Pacific Ave Oshawa, ON L1J 1V9 **RE-ISSUED FOR TENDER**

DATE: 2024.01.18

DRAWING INDEX

- L1 EXISTING CONDITIONS & DEMOLITION PLAN
- L2 LANDSCAPE PLAN
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NTS

GENERAL NOTES

- CONTRACTOR IS NOT TO PROCEED IN UNCERTAINTY. 2. 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. 3. ALL DISCREPANCIES OR AMBIGUITY IN THE DRAWINGS, SPECIFICATIONS OR
- DETAILS IS TO BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY FOR CLARIFICATION. 4. 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. 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 REPAIR DAMAGE. 6. CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH LIMITS OF CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK ON THE SITE.
- CONTRACTOR TO CONTACT LANDSCAPE ARCHITECT IN UNCERTAINTY. 7. 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. 8. CONTRACTOR TO VISIT THE SITE TO CONFIRM ALL SITE CONDITIONS PRIOR TO SUBMITTING BIDS. AMBIGUITY OR DISCREPANCY TO BE REPORTED TO THE
- LANDSCAPE ARCHITECT FOR CLARIFICATION. 9. DRAWINGS MAY NOT 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. 10. 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. 11. 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. 12. UPON FINAL COMPLETION OF THE PROJECT, ALL WORKMANSHIP AND MATERIALS ARE TO BE GUARANTEED FOR TWO FULL YEARS. .
- 13. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS STAMPED AND SIGNED BY THE LANDSCAPE ARCHITECT.

DEMOLITION NOTES

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- 1. THE INTENT OF THE DEMOLITION PLAN IS TO SHOW THE GENERAL NATURE OF THE DEMOLITION SCOPE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VISITING THE JOB SITE AND VERIFYING THE EXISTING CONDITION PRIOR TO BID. THE GENERAL CONTRACTOR SHOULD NOTIFY THE CONTRACT ADMINISTRATOR IMMEDIATELY IF ANY DISCREPANCIES.
- 2. ITEMS SHALL REMAIN UNLESS DESIGNATED FOR REMOVAL. REMOVE AND PROPERLY DISPOSE DESIGNATED ITEMS SHOWN ON THE PLAN TO THE FULL
- DEPTH OF THEIR CONSTRUCTION UNLESS OTHERWISE NOTED. 3. DIMENSIONS SHOWN ON PLAN ARE ESTIMATED. CONTRACTOR TO CONFIRM ON SITE AND STAKE LAYOUT FOR APPROVAL PRIOR TO REMOVALS.
- 4. COMPLY WITH ALL APPLICABLE CODES, REGULATIONS AND SAFETY ORDERS OF ALL PUBLIC AUTHORITIES HAVING JURISDICTION. 5. NOISE DURING DEMOLITION AND CONSTRUCTION SHALL BE KEPT TO A MINIMUM.
- 6. ALL CONCRETE AND ASPHALT REMOVAL SHALL BE SAW CUT. EDGES OF MATERIAL TO REMAIN SHALL BE SHORED UP AND PROTECTED DURING CONSTRUCTION TO PRESERVE EDGE INTACT. REPAIRS TO DAMAGED EDGES TO BE DONE WITH CARE AND AT NO COST TO THE OWNER.
- 7. SEDIMENT CONTROL: COVER ALL CATCHBASINS WITH 6MM STEEL PLATE THAT IS FIRMLY SECURED TO THE CB GRATING WITH CLAMPS, SCREWS OR WIRES. COVER TO REMAIN IN PLACE UNTIL ROUGH PAVING IS COMPLETED. MAINTAIN GOOD HOUSEKEEPING TO PREVENT WATERBORNE SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM. IF THE CBS MUST BE USED FOR SITE DRAINAGE DURING CONSTRUCTION, THEY ARE TO BE COVERED WITH GEOTECH CLOTH WHICH IS HELD IN PLACE BY 150MM DEEP LAYER OF CLEAR STONE.
- 8. REMOVAL OF STRUCTURES SUCH AS FENCING, WALLS, SIGNS AND RAILINGS TO INCLUDE REMOVAL OF FOOTINGS. AREAS WHERE FOOTINGS ARE REMOVED TO BE REPAIRED.
- 9. REMOVE ALL GRANULAR BASE OF PAVING AREAS THAT ARE TO BE SODDED. IN AREAS WHERE NEW PAVING IS PROPOSED, GRANULAR MATERIAL MAY BE RETAINED IF DIRECTED BY DETAIL DRAWINGS. COMPACTION OF EXISTING GRANULAR BASE REQUIRED AS INDICATED ON DETAIL DRAWINGS .
- 10. REMOVE DEMOLISHED MATERIALS FROM SITE. COMPLY WITH ALL LOCAL HAULING AND DISPOSAL REQUIREMENTS. 11. CONTRACTOR TO CONTACT THE LOCAL UNDERGROUND SERVICE UPDATE FOR
- UTILITY LOCATION AND IDENTIFICATION PRIOR TO DEMOLITION. 12. THE GENERAL CONTRACTOR SHOULD NOTIFY THE CONTRACT ADMINISTRATOR IMMEDIATELY IF ANY CONFLICTS ARISE BETWEEN UTILITIES AND PROPOSED DESIGN BEFORE STARTING WORK.
- 13. CONTRACTOR TO MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. COORDINATE ALL DISRUPTIONS OR DISCONTINUATIONS OF UTILITIES AND SERVICES WITH SCHOOL BOARD REPRESENTATIVE.
- 14. PERFORM EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES WITH CARE AND BY HAND, IF NECESSARY. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK AND DISRUPTION OF DAMAGE TO UTILITIES SHALL BE REPAIRED IMMEDIATELY AND AT NO EXPENSE TO THE SCHOOL BOARD.
- 15. DURING PERIOD OF CONSTRUCTION, CONTRACTOR TO PROVIDE AND INSTALL SITE PROTECTION FENCE.
- 16. ALL FINISHES, FEATURES OR SURFACES DAMAGED OR AFFECTED BY DEMOLITION OR CONSTRUCTION SHALL BE PATCHED AND REPAIRED TO MEET THE SCHOOL BOARD SATISFACTION AT NO ADDITIONAL COST.

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NO. DATE ISSUE / REVISION BY MARK VOID ALL COPIES PRIOR FINAL DATE GENERAL NOTES: THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS PROVIDED BY & IS THE PROPERTY OF SEFERIAN DESIGN GROUP LIMITED (<i>SDG</i>). REPRODUCTION OF THIS DRAWING, OR USE FOR ANY OTHER PURPOSE THAN THAT AUTHORIZED BY <i>SDG</i> LIMITED IS STRICTLY FORBIDDEN. THE COPYRIGHTS TO ALL DESIGNS AND DRAWINGS ARE THE PROPERTY OF <i>SDG</i> AND MAY NOT BE REPRODUCED, REUSED OR ALTERED WITHOUT THE WRITTEN PERMISSION OF <i>SDG</i> . ALL DIMENSIONS ARE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY. THIS DRAWING IS NOT TO BE SCALED DIRECTLY. REPORT ALL ERRORS AND OMISSIONS TO <i>SDG</i> IMMEDIATELY. THIS DRAWING FORMS PART OF A SET AND MAY NOT BE SEPARATED. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, NOTES AND SPECIFICATIONS INCLUDED IN THE CONTRACT DOCUMENTS. ANY AMBIGUITY IN THE DRAWINGS, SPECIFICATIONS OR DETAILS IS TO BE REPORTED TO THE LANDSCAPE ARCHITECT FOR DIRECTION. DO NOT PROCEED IN UNCERTAINTY.					
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SDG FILE NO: 22-022

GRADING

REMOVAL.

- TEMPORARY EROSION AND SEDIMENTATION CONTROL 1. PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SOIL EROSION AND DISCHARGE OF SOIL-BEARING WATER RUNOFF OR
- AIRBORNE DUST TO ADJACENT PROPERTIES AND WALKWAYS, ACCORDING TO REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION. INSPECT, REPAIR, AND MAINTAIN EROSION AND SEDIMENTATION CONTROL MEASURES DURING CONSTRUCTION UNTIL PERMANENT VEGETATION HAS BEEN
- ESTABLISHED. 3. REMOVE EROSION AND SEDIMENTATION CONTROLS AND RESTORE AND STABILIZE AREAS DISTURBED DURING

VERIFICATION OF CONSTRUCTED ROUGH GRADE

- 1. ALLOW FOR MINOR ADJUSTMENTS TO ROUGH GRADE, ELIMINATING UNEVEN AREAS AND LOW SPOTS, ENSURING POSITIVE DRAINAGE
- 2. NO CHANGE IN CONTRACT PRICE WILL BE ALLOWED FOR ACTUAL OR CLAIMED DISCREPANCY BETWEEN EXISTING GRADE AND THOSE SHOWN O PLANS AFTER CONTRACTOR HAS ACCEPTED EXISTING GRADES AND MOBILIZED ONTO SITE
- 3. NEW GRADES TO MEET FLUSH AND BLEND INTO EXISTING GRADES AT PROJECT LIMIT.
- 4. CONTRACTOR SHALL NOT WILL FULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN UNFORESEEN OBSTRUCTIONS AND/OR GRADE DISCREPANCIES EXIST. SUCH CONDITIONS SHOULD BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR NECESSARY REVISIONS IF FAILS TO GIVE NOTICE PRIOR TO CONSTRUCTION COMMENCEMENT.
- 5. CONTRACTOR TO ENSURE THERE ARE NO CONFLICTS BETWEEN INLET LOCATIONS AND UNDERGROUND FOOTINGS AND UTILITIES
- 6. REMOVE DEBRIS, ROOTS, BRANCHES, STONES IN EXCESS OF 50 MM DIAMETER AND OTHER DELETERIOUS MATERIALS.
- 7. REMOVE SOIL CONTAMINATED WITH CALCIUM CHLORIDE, TOXIC MATERIALS AND PETROLEUM PRODUCTS IF IT WAS CONTAMINATED FROM THE TIME OF ROUGH GRADE
- ACCEPTANCE. 8. REMOVE DEBRIS WHICH PROTRUDES MORE THAN 50 MM ABOVE SURFACE.
- 9. DISPOSE OF REMOVED MATERIAL OFF SITE. 10. CULTIVATE ENTIRE AREA WHICH IS TO RECEIVE TOPSOIL TO
- MINIMUM DEPTH OF 100 MM. 11. CROSS CULTIVATE THOSE AREAS WHERE EQUIPMENT USED FOR HAULING AND SPREADING HAS COMPACTED SOIL.

- PLACING AND SPREADING OF TOPSOIL/PLANTING MIXTURE 1. PLACE TOPSOIL AFTER CONSTRUCTION MANAGER HAS
- ACCEPTED SUBGRADE. 2. SPREAD TOPSOIL IN UNIFORM LAYERS NOT EXCEEDING 150
- ММ 3. FOR SODDED AREAS KEEP TOPSOIL 15 MM BELOW FINISHED
- GRADE 4. SPREAD TOPSOIL TO FOLLOWING MINIMUM DEPTHS AFTER SETTLEMENT.
- 5. 150 MM FOR SEEDED AREAS.
- 6. 135 MM FOR SODDED AREAS.
- 7. PLACE REQUIRED DEPTH OF PLANTING MIXTURE FOR CONTINUOUS PLANTING BEDS AND TREE PITS AS INDICATED ON THE DETAILS.
- 8. MANUALLY SPREAD TOPSOIL/PLANTING SOIL AROUND TREES, SHRUBS AND OBSTACLES.

SOIL AMENDMENTS

1. FOR SPECIALTY AREAS NOTED ON PLAN OR DESIGNATED IN THE SOIL TEST RESULTS, APPLY AND THOROUGHLY MIX SOIL AMENDMENTS INTO THE FULL SPECIFIED DEPTH OF TOPSOIL AT RECOMMENDED RATES.

FINISH GRADING

- 1. GRADE TO ELIMINATE ROUGH SPOTS AND LOW AREAS AND ENSURE POSITIVE DRAINAGE. PREPARE LOOSE FRIABLE BED BY MEANS OF CULTIVATION
- AND SUBSEQUENT RAKING. CONSOLIDATE TOPSOIL TO REQUIRED BULK DENSITY USING
- EQUIPMENT APPROVED BY CONSTRUCTION MANAGER.
- 4. LEAVE SURFACES SMOOTH, UNIFORM AND FIRM AGAINST DEEP FOOTPRINTING.

ACCEPTANCE

CONSTRUCTION MANAGER WILL DETERMINE ACCEPTANCE OF MATERIAL, DEPTH OF TOPSOIL AND FINISH GRADING.

SURPLUS MATERIAL

1. DISPOSE OF MATERIALS EXCEPT TOPSOIL NOT REQUIRED OFF SITE.

CLEANING

1. UPON COMPLETION OF INSTALLATION, REMOVE SURPLUS MATERIALS, RUBBISH, TOOLS AND EQUIPMENT BARRIERS.

- **GENERAL PLANTING NOTES**
- 1. IF DISCREPANCIES IN THE PLANT QUANTITIES EXIST. THEN THE PLANTING PLANS SHALL OVER-RIDE THE PLANT LIST. 2. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND IMMEDIATELY REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH THE
- THE CONTRACTOR IS TO BE AWARE OF ALL EXISTING AND PROPOSED SERVICES AND UTILITIES. THE CONTRACTOR SHALL HAVE ALL UNDERGROUND SERVICES AND UTILITY LINES STAKED BY EACH AGENCY HAVING JURISDICTION PRIOR TO COMMENCING WORK. PLANTING MAY BE ADJUSTED TO SUIT LOCATION OF UTILITY STRUCTURES. OF DELIVERY SHALL BE HEALED IN ON SITE AND BE KEPT
- 4. ALL MATERIAL THAT CAN NOT BE PLANTED WITHIN 48 HOURS
- PROPERLY PROTECTED FROM DESICCATION BY WIND OR 5. THE CONTRACTOR IS TO STAKE OUT ALL TREE LOCATIONS AND SHRUB BED GROUPINGS FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING OPERATIONS.

STOCK

- ALL PLANT MATERIAL SHALL COMPLY WITH THE MOST CURRENT EDITION OF 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 SPECIES MUST BE ACCEPTED BY THE LANDSCAPE ARCHITECT
- THE CONTRACTOR UPON REQUEST SHALL PROVIDE DOCUMENTATION FOR ALL PLANT MATERIAL INDICATING THE SPECIES, SIZE, AND SUPPLIER. CONTAINER GROWN PLANT MATERIALS MUST BE GROWN IN THE SAME CONTAINER FOR A MINIMUM PERIOD OF 6 MONTHS.
- 3. COVER ANY LEAFED-OUT PLANT STOCK WHILE IN TRANSIT OR TEMPORARY STORAGE. 4. PLANT MATERIAL SHALL NOT BE COLLECTED OR DUG FROM NATIVE STANDS OR ESTABLISHED WOODLOTS.
- SITE PREPARATION
- A FROZEN OR MUDDY CONDITION AT GRADING AND PLANTING.
- THE CONTRACTOR SHALL FOLLOW THE SPACING AND OFFSETS FROM FIXED OBJECTS, AND ADHERE TO THE DESIGN INTENT WHEN LAYING OUT THE PLANT MATERIAL LOCATIONS.



PLANTING

- SOILS SHALL BE FERTILE, FRIABLE, STONE-FREE AND NOT IN

- ALL MATERIAL DELIVERED TO THE SITE SHALL BE EITHER WATERED IMMEDIATELY OR WITHIN 24 HOURS WARRANTED BY THE MOISTURE CONTENT OF THE ROOT BALLS/CONTAINERS.
- 2. ALL MATERIAL THAT CANNOT BE PLANTED WITHIN 48 HOURS OF DELIVERY SHALL BE HEALED IN ON SITE AND KEPT PROPERLY PROTECTED FROM DESICCATION BY WIND OR
- SUN 3. NO PLANT SUBSTITUTIONS WILL BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT. 4. CONTRACTOR IS TO APPLY IN WRITING REGARDING ANY CHANGES TO CONTRACT DOCUMENTS AND WILL PROVIDE
- THE LANDSCAPE ARCHITECT WITH DOCUMENTATION AND /OR DRAWINGS FOR THE PREPARATION OF AS-BUILT DRAWINGS. 5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN PLANT MATERIALS IN GOOD CONDITION FROM THE DATE OF
- DELIVERY TO THE END OF THE WARRANTY PERIOD. 6. DAMAGED MATERIAL WILL BE REJECTED. TREES WITHOUT LEADERS, TRUNK WOUNDS OR DAMAGED MAJOR LIMBS WILL BE REJECTED. SHRUBS WITH DAMAGED BRANCHES OR
- INSUFFICIENT ROOT MASS WILL BE REJECTED. 7. SOAK ROOT BALL WITH WATER PRIOR TO MOVING/SHIPPING. PLANT STOCK SHIPPED WHILE IN LEAF SHALL BE COVERED WHEN IN TRANSIT. BARE ROOT STOCK SHALL BE KEPT MOIST AT ALL TIMES. MATERIAL THAT SHOWS SIGNIFICANT WIND BURN, DESICCATION OR EXCESSIVELY DRY ROOT BALLS OR CONTAINERS WILL NOT BE ACCEPTED.
- TREE PIT AND SAUCER AND PLANTING BEDS SHALL BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING. TOP DRESS AREA IMMEDIATELY OVER ROOT MASS (SAUCER AREA) WITH BONE MEAL.
- 8. 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. ALL POTS AND CONTAINERS SHALL BE REMOVED AND DISPOSED OF OFF SITE.
- IN CASE OF FIBRE POTS, CUT 3 LONGITUDINAL SLITS DOWN SIDES OF POT. PLACE POTTED PLANT IN PLANTING PIT AND CAREFULLY REMOVE FIBRE POT.
- THE PLANTING PIT SHALL BE BACKFILLED WITH NATIVE SOIL IN 10. LAYERS 150MM DEEP, FIRMLY TAMPED INTO PLACE AND A SHALLOW SAUCER SHALL BE CREATED OVER THE PLANTING PIT AREA TO RETAIN WATER.
- 11. TREES AND SHRUBS SHALL BEAR THE SAME RELATION TO FINISHED GRADE AS THEY BORE TO PREVIOUS EXISTING GRADE

- 12. LIGHTLY TAMP SPECIFIED TOPSOIL WHEN BACKFILLING TO ELIMINATE AIR POCKETS AND PREVENT SETTLING.
- 13. PLANT MATERIAL SHALL BE THOROUGHLY WATERED AT THE TIME OF PLANTING TO THE FULL DEPTH OF THE ROOT BALL. 14. RODENT PROTECTION FOR ALL TREES: SPIRAL WRAPPED AROUND PLASTIC TREE PROTECTOR 24 INCHES HIGH.
- ENSURE THAT THE BOTTOM 50MM OF THE TREE GUARD EXTENDS BELOW SOIL TO PREVENT ENTRY BY RODENT. 15. RODENT PROTECTION FOR ALL SHRUBS: ALL SHRUBS TO BE TREATED WITH AN APPLICATION OF RODENT REPELLENT
- (SKOOT OR APPROVED SUBSTITUTE) PRIOR TO EACH WINTER SEASON THROUGH THE WARRANTY PERIOD. 16. SHRUBS ARE TO BE PLANTED AND ARRANGED SUCH THAT THEY FORM A TIGHTLY SPACED, NATURALISTIC APPEARANCE TO REDUCE WEED GROWTH. ALL SHRUBS TO BE PLANTED IN
- CONTINUOUS BEDS UNLESS OTHERWISE INDICATED ON THE DRAWINGS 17. ALL MULCH TO BE SHREDDED PINE BARK MULCH. AVAILABLE FROM GRO-BARK (1-888-GRO-BARK) OR APPROVED
- EQUIVALENT. DEPTH TO BE 100MM. DO NOT PLACE MULCH IN DIRECT CONTACT WITH TRUNKS 18. ALL PLANTINGS ARE TO BE LOCATED 3.0M MINIMUM FROM
- UTILITIES, AND 4.0M MINIMUM FROM DRAINAGE STRUCTURES, DITCHES AND SWALES, UNLESS OTHERWISE NOTED. 19. IT IS THE CONTRACTOR'S RESPONSIBILITY TO APPLY WEED
- AND GRASS CONTROL IN THE PLANTING BED AREAS AS REQUIRED (NO PESTICIDES IN ACCORDANCE WITH MUNICIPAL BY-LAWS AND PROVINCIAL LEGISLATION).
- 20. ALL EXCESS EXCAVATED MATERIAL SHALL BE DISPOSED OF AS DIRECTED BY OWNER'S REPRESENTATIVE. 21. DO NOT REMOVE ALL NURSERY TAGS UNTIL FINAL
- INSPECTION
- 22. AT THE END OF WARRANTY PERIOD IT IS RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND DISPOSE OF ALL STAKES AND GUY WIRES TO THE TREES

MULCH SPECIFICATIONS

- 1. COMPOSED OF COMPOSTED PINE BARK MULCH AGED BARK 1. NUGGETS, AND COMPOST. 2. FINISHED MEDIA MUST HAVE A PH OF 5.0 TO 5.5.
- 3. COMPOSTED PINE BARK:
- (LESS THAN 10%).
- BLEND OF AGED BARKS, WOOD OR SAWDUST. PROCESSED THROUGH A MANAGED COMPOST PROCESS. BARK MUST BE COMPOSTED TO A CHOCOLATE
- BROWN-BLACK COLOUR AND NOT ORANGE-RED. SIZE GRADATION1: MINIMUM 95% <3/4"; MINIMUM 50% <1/4". 9 PH: <4.5
- 10. ORGANIC MATTER CONTENT: >80% BY WEIGHT.AGED BARK NUGGETS
- 1/2" AND 1.5".
- SODDING NOTES
- CONSTRUCTION WITH SOD.

- 4. MINIMUM 98% PINE, CONTAINING VERY LITTLE WOOD FIBRE
- 11. AGED BARK NUGGETS RANGING IN PARTICLE SIZE BETWEEN
- SOD SHALL BE NO. 1 CULTIVATED TURF GRASS SOD GROWN AND SOLD IN ACCORDANCE WITH THE CLASSIFICATIONS OF THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO, LATEST EDITION. COMPOSITION OF THE SOD SHALL BE 60-70% KENTUCKY BLUEGRASS AND 30-40% CREEPING RED FESCUE ON MINIMUM 100MM CLEAN TOPSOIL CONTRACTOR TO RESTORE ALL AREAS DISTURBED BY

WARRANTY PERIOD

- ALL WORKMANSHIP AND PLANT MATERIAL SHALL BE UNDER WARRANTY FOR A PERIOD OF 12 MONTHS COMMENCING ON THE DATE OF ACCEPTANCE. SUBMIT A WRITTEN GUARANTEE TO THE EFFECT THAT ALL PLANTS ACCEPTED DURING THE PERIOD OF JANUARY 1ST TO JULY 15TH SHALL BE GUARANTEED UNTIL JULY 15TH OF THE FOLLOWING YEAR. PLANTS ACCEPTED DURING THE PERIOD OF JULY 15TH TO DECEMBER 31ST SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF ACCEPTANCE. THE GUARANTEE PERIODS LISTED ABOVE SHALL APPLY TO ALL 'NURSERY GROWN' PLANTS. 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.
- 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 SEEDING. 4. AT THE TIME OF FINAL WARRANTY ACCEPTANCE, ALL MATERIAL MUST BE IN A HEALTHY AND VIGOROUS
- CONDITION. PLANTING BEDS MUST BE FRESHLY CULTIVATED AND FREE OF WEEDS, RUBBISH AND DEBRIS.





DATE:

SDG FILE NO: 22-022

2022-10-05



KEY PLAN: TOUENTIAN TOUENTIAN TOUENTIAN TOUENTIAN					
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