

RELOCATE EXISTING PLAY EQUIPMENT DISTURBED BY BUILDING EXPANSION AND RELOCATE TO THIS AREA. CONTACT PLAY EQUIPMENT MANUFACTURER TO OBTAIN INSTALLATION INSTRUCTIONS AND INSTALL IN ACCORDANCE WITH CSA Z614:20 MEETING AND EXCEEDING ALL REQUIRED SAFETY SURFACE AND NON-ENCROACHMENT ZONES. REINSTATE TIMBER CURBS AND PEA STONE SAFETY SURFACE FROM ORIGINAL LOCATION. TOP UP PEA STONE AS REQUIRED TO MEET HIC AND GMAX DROP TESTS PERFORMED IN ACCORDANCE WITH CSA Z614:20 AND ASTM REQUIREMENTS. A PASSING PRIOR TO USE INSPECTION PERFORMED BY A CERTIFIED PLAYGROUND INSPECTOR TO CONFIRM COMPLIANCE WITH CSA Z614:20 MUST BE COMPLETED. PLAY EQUIPMENT TO BE SECURED WITH TEMPORARY CONSTRUCTION FENCE UNTIL WRITTEN CONFIRMATION IS PROVIDED.

EXISTING NATURAL PLAY AREA TO REMAIN

RELOCATE FOUR (4) ARMORSTONE DISTURBED BY BUILDING EXPANSION AND RELOCATE AS SHOWN. MAINTAIN 2400mm DISTANCE BETWEEN ARMORSTONE TO DISCOURAGE JUMPING BETWEEN STONES.

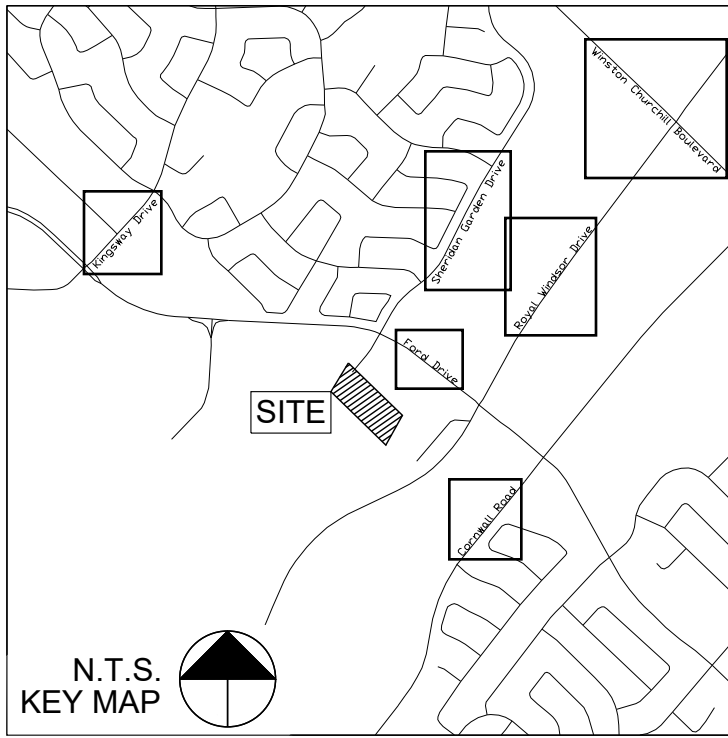
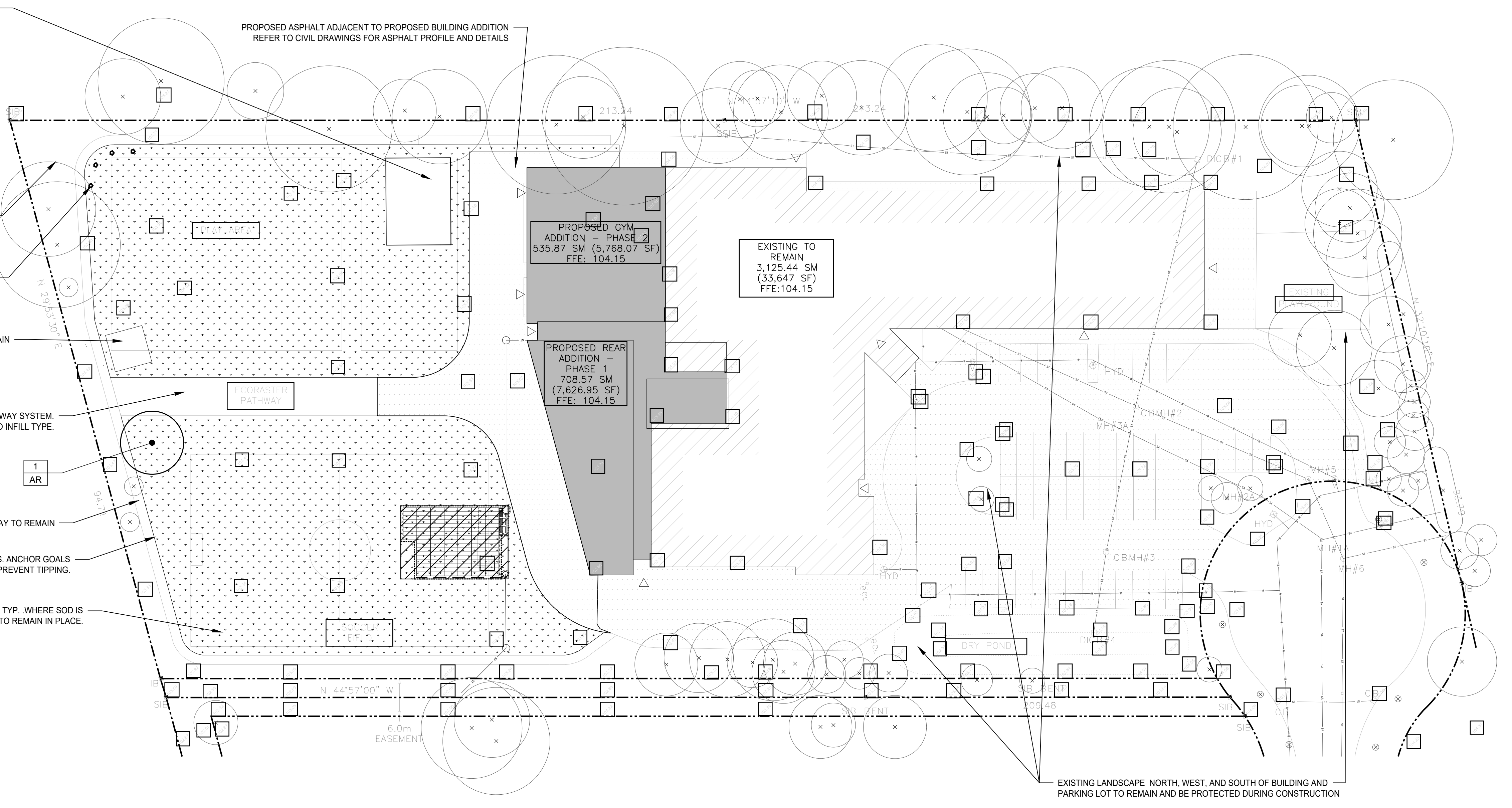
EXISTING SAND PIT TO REMAIN

ECORASTER FLEXIBLE PERMEABLE PATHWAY SYSTEM. REFER TO CIVIL DRAWINGS FOR MODEL PROFILE AND INFILL TYPE.

EXISTING LIMESTONE SCREENING PATHWAY TO REMAIN

RELOCATE EXISTING PORTABLE SOCCER GOALS. ANCHOR GOALS PER MANUFACTURERS REQUIREMENT TO PREVENT TIPPING.

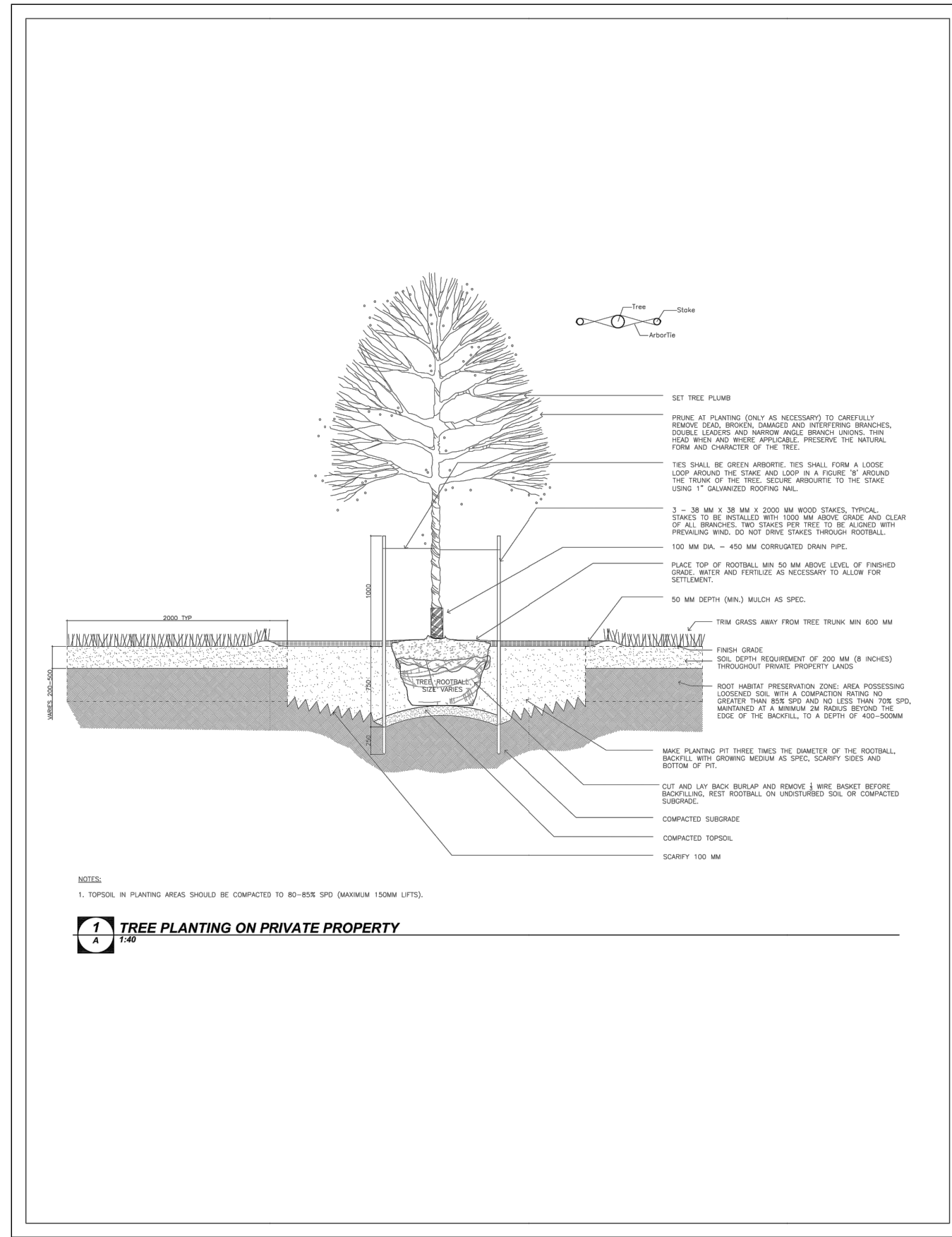
RESTORE DISTURBED SOD TYP. WHERE SOD IS NOT IMPACTED, EXISTING TO REMAIN IN PLACE.



- LEGEND:
- PROPOSED SOD
NSGA No. 1 NURSERY SOD GROWN FROM A SEED MIXTURE CONTAINING 60-70% BY WEIGHT OF KENTUCKY BLUEGRASS CULTIVARS AND 30-40% BY WEIGHT OF CREEPING RED, CHEWINGS, OR HARD FESCUE CULTIVARS TO OPSS MUNI 803 COMPLETE WITH 200MM DEPTH TOPSOIL TO OPSS MUNI 802 AND TOPSOIL NOTES ON LP1.
 - EXISTING TREE TO BE PRESERVED
 - PROPOSED DECIDUOUS TREES

- All dimensions are in metric unless otherwise noted.
- Do not scale drawings. Dimensions are to be verified on site by Contractor prior to commencement of the work.
- These plans shall be read in conjunction with all details, notes, reports, written specifications, general conditions, any supplemental conditions and agreement which form the contract documents.
- These drawings shall not be used for construction purposes unless noted as "Issued for Construction" and signed by the Landscape Architect or Professional Engineer.
- Contractor shall review all drawings and verify actual field conditions to determine the total scope of work and all required coordination prior to submission of bids and commencement of the work. Report any discrepancies to the Landscape Architect, for action to the satisfaction of the Owner.
- Contractor shall locate all underground, at grade and overhead utilities prior to commencement of the work. All utilities not necessarily shown on these drawings. Aboud & Associates assumes no responsibility for the accuracy of any utilities shown in these drawings.
- Contractor shall perform all work in accordance with the most current Ontario Building Code, CAN/CSA-2614:20, Occupational Health and Safety Act and its regulations, as well as local municipal codes, regulations and by-laws.
- Contractor shall identify the location of all internal/external construction access routes, parking and storage of materials in conformance with project erosion and sediment control plans for acceptance by the Owner. Construction, maintenance and removal/restoration of access, parking and storage facilities shall be included in the Contractor's bid price.
- Contractor shall submit shop drawings where indicated in these drawings. Shop drawings shall be certified by a Professional Engineer licensed to practice in Ontario and reviewed by the contractor for dimensional correlation with the drawings and field conditions. Fabrication of elements on shop drawings shall not proceed until drawings have been reviewed and approved by a Professional Engineer and have been accepted for general design conformance by the Landscape Architect in writing. The cost of preparing shop drawings, as well as the services of a Professional Engineer, shall be included in the Contractor's bid price.
- Contractor proposed substitution of materials and products shall be submitted in writing for review by Landscape Architect and acceptance by Owner and Municipality.
- Material quantities on drawings shall take precedent over those in lists and schedules.
- Where traffic control is necessary, Contractor shall use the guideline of the Construction Safety Association of Ontario, municipal by-laws, the Highway Traffic Act and the Ontario Traffic Manual (Book 7). The cost of preparing, obtaining approvals and implementing traffic control plans shall be included in the Contractor's bid price, unless otherwise noted.
- Contractor shall erect temporary barriers, as required, to secure the work area. Contractor shall maintain temporary barriers in good repair and remove at the end of the work.
- Contractor is responsible for protecting and/or reinstating site elements indicated in these Landscape drawings as well as Site, Civil, and Electrical drawing sets.
- Contractor is responsible for restoration of adjacent surfaces and existing site elements damaged by the Contractor in the performance of the work, including but not limited to roads, driveways, playground equipment, utilities, buildings, curbs, sidewalks, retaining walls, fencing, turf, flowers and woody vegetation. Restoration work shall be performed by the Contractor at no cost to the Owner and be completed in conformance with applicable Provincial, Municipal or Agency standards and requirements, to the satisfaction of the Owner/Agency of the damaged element.
- Where new paving or earthwork meets existing, smoothly blend line and grade of existing with new.
- Contractor shall provide imported topsoil test results (using analysis requirements for existing topsoil) prior to delivery to place of work, for each source.
- Plants specified on these plans are to be in accordance with the Canadian Nursery Landscape Association Canadian Standards for Nursery Stock from the Canadian Landscape Standard, current edition.
 - Only nursery grown plants will be accepted.
 - Landscape Architect reserves the right to reject any plant material not in conformance with the standard, displaying life-threatening, poor growth habits, injury, disease or not true to name. Contractor shall remove rejected plants from the site immediately and replace at no additional cost to the Owner.
- Proposed plants which come over or under any utility shall be relocated by the Contractor for review by the Landscape Architect, to the satisfaction of the utility provider.
- All work and materials are to be warranted by the Contractor for twenty-four (24) months from date of initial acceptance of all items by Municipal Staff and Project Landscape Architect.
- The Contractor shall perform maintenance, as described in these drawings for all the installed trees, shrubs, grasses and seeding during the warranty period.

OR
- The Owner shall provide maintenance as described in these drawings for all installed trees, shrubs, grasses and seeding during the warranty period.



1 LP1 N.T.S. TREE PLANTING ON PRIVATE PROPERTY DETAIL

PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	REMARKS
AR	1	Acer rubrum	Red Maple	60mm Caliper	Wire Basket	
	1	TOTAL TREES				

Plant characteristics, rootballs, rootball standards including minimum rootball diameters, harvesting practices, transporting, unloading, handling/protection, scheduling, water/irrigation, digging of plants and preparing roots prior to planting in accordance with the section 9 of the Canadian Landscape Standard. Do not perform work under adverse field conditions such as frozen soil, excessively wet soil or soil covered with snow, ice, or standing water. Planting Contractor to supply required water, free from any organic or chemical contaminants detrimental to

humans, animals or healthy plant growth, during planting work and, if retained by the Owner, maintenance work during warranty period. Where Owner completes maintenance work by own forces or retains a separate Contractor to perform maintenance work, source of water free from any organic or chemical contaminants detrimental to humans, animals or healthy plant growth, is to be agreed upon prior to commencement of work.

GENERAL PLANTING NOTES

- Topsoil Specification**
- Min. 200mm of unconsolidated native topsoil is to be placed over the entire lot where sod is to be placed and a lawn is to be established
 - Min. 750mm of topsoil on road boulevards where Town trees are planted
 - Native topsoil is to be screened thru a 25mm sieve to remove all large subsoil fragments, stones, roots, and remnant construction material
 - Soil to be fertile, with no less than 5% organic matter for clay loams, and no less than 2% organic matter for sandy loams
 - Soil acidity range shall be within 6.0 - 7.5 ph and free of agricultural residue (measure NPK / Mg levels)
 - The following ratio of soil elements shall be provided (micrograms/gram) : Nitrogen at 20-40, Phosphorous at 10-20, Potassium at 70-120
 - Where imported topsoil is required, the same parameters shall be used to approve the source of the topsoil

- Testing Requirements for Topsoil**
- Developer's engineer shall test topsoil from local stockpile by randomly acquiring 0.5kg grab samples and forwarding to a testing lab as approved by the Town; all samples shall be identified as to location and current land use
 - The samples shall be shipped in accordance with Provincial testing regulations
 - Testing shall identify all hazardous elements and qualify the level as per Provincial acceptance limits : typical known harmful elements include but not limited to atrazine, sodium/salts, herbicides, growth inhibitors or sterilants, heavy metals and hydrocarbons
 - Should the testing reveal levels of any element which exceeds residential soil quality guidelines, further testing shall be performed to isolate the source and limit of the contaminated soil, and a program of removal or enhancement shall be recommended (nutrient enrichment may be required in some cases)
 - The Town reserves the right to reject any topsoil supply that does not meet the Town's topsoil guidelines.

GENERAL LANDSCAPE NOTES

TOPSOIL NOTES
TOWN OF OAKVILLE DEVELOPMENT ENGINEERING PROCEDURES AND GUIDELINES MANUAL, SECTION 3.1.4.3)

INFORMATION SOURCES

- Site Plan received from Maat Environmental Engineering Corp. November 16, 2021 T:905.829.1749.
- Tree inventory and analysis conducted by Aboud & Associates Inc. July 13, 2021 T:519.822.6839.

No.	Description	By	Date
0	ISSUED FOR REVIEW	JD	20 DEC-21

REVISIONS: All previous issues of this drawing are superceded

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Title:

LANDSCAPE PLAN

Project:

JOHN KNOX CHRISTIAN SCHOOL ADDITION
2232 SHERIDAN GARDEN DRIVE • OAKVILLE

Date: DECEMBER 2021 Designer: JD
Project: AA21-099A Drawn: JGL
Scale: 1:400 Checked: JD

Drawing No:

LP1