

Native Seed Mix Information (TERRASEED application or approved equal) - For all areas indicated as S1 seeded area

Application Rates:

• The specified seed mix(es) should be applied at a rate of 22-25 kg/ha or at a rate of 125 g/45 m² for smaller areas.

Cover Crop:

ANNUAL RYE NURSE CROP (OSC 7115 or approved equal)

- A cover crop should be utilized with each of the seed mixes. The cover crop will act as a nurse crop, provide short term erosion control and weed control.
- The cover crop should be applied at a maximum rate of 20 kg/ha and should be mixed with the proposed seed blend for a single application.
- Mix annual rye with the proposed native seed mixes to provide quick germination and help reduce weed seed germination, stop soil from blowing away and reduce erosion damage from run-off. NOTE: do not over apply annual rye when using it as a nurse crop.

Terraseed Depth:

- In general, a minimum of 15 cm of topsoil should be applied to
- disturbed areas prior to terraseeding applications.
- A depth of 50mm of terraseeding should be applied across the entire area shown to be seeded. This depth is recommended to ensure that seeds are not too deep to germinate properly.

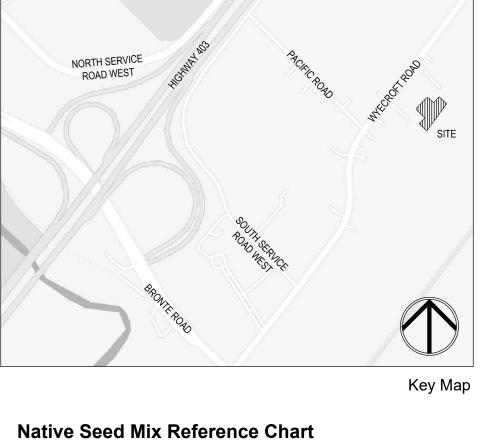
 Ideally, sowing should take place in the fall, between mid Sept to late October. An early spring sowing will work but not as effectively. If moisture is not present, some of the seed may go dormant and not germinate until the following spring. Whenever possible, work up the soil a little to ensure good seed-to-soil contact for improved germination. Call OSC Ltd for more information: 519-886-0557.

- All disturbed areas should be seeded as soon as possible following the completion of works. Erosion controls must remain in place until seeding has sufficiently stabilized the site (i.e. more than 80% cover).
- Seeding should not be executed during the drought-prone season (i.e. June through August), unless adequate irrigation can be supplied. Survey site for invasive species & remove. Clean away surface debris. This increases sunlight penetration to the soil surface and eases sowing. Lightly cultivate soil to accept seed and improve aeration & water retention.
- Make sure the soil and seed are in close contact by gently tamping or rolling the seedbed. Do not compact. Excessive force will destroy soil structure and inhibit germination.

- Plant beds for trees and shrubs are to be individually dug and plugged into existing vegetation. (no continuous excavation).
- All proposed planting shall be maintained for a minimum of 2 years, including regular watering during dry

Watering Schedule

| Weeks after planting | Watering frequency | | | | |
|--|---|--|--|--|--|
| 1-2 3-12 Until Established* (*min. 2 years) | Daily Every 2-3 days Weekly | | | | |
| Trees | Shrubs | | | | |
| Apply 1-1.5 gallons per inch of stem caliper at each watering | Apply a volume of water that is a min. of 25% of the volume of the container that the shrub was purchased in. | | | | |



Rudbeckia hirtia Andropogon gerardii Elymus hystrix Aster novae-angliae



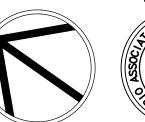
Client/Owner:



Property Line

| AXF | Acer x freemanii "Sienna" | Sienna Glen Maple | 70 mm | | B.&B. | High | Yes | Full Form |
|------------|--|-----------------------------|-------------|-------|--------|------|-----|--------------------|
| CEH | Celtis occidentalis | Hackberry | 70 mm | | B.&B. | High | Yes | Full Form |
| JNI | Jugllans nigra | Black Walnut | 70 mm | | B.&B. | High | Yes | Full Form |
| LTP | Liriodendron tulipifera | Tulip Tree | 70 mm | cream | B.&B. | High | Yes | Full Form |
| PAS | Platanus occidentalis | American Sycamore | 70 mm | | B.&B. | High | Yes | Full Form |
| NYS | Nyssa sylvatica | Black Gum | 70 mm | | B.&B. | High | Yes | Full Form |
| QAL | Quercus alba | White Oak | 70 mm | | B.&B. | High | Yes | Full Form |
| SRE | Syringa reticulata 'Ivory Silk' | Ivory Silk Tree Lilac | 70 mm | | B.&B. | High | Yes | Full Form |
| ONIFEROUS | TREES | | | | | | | |
| PSB | Pinus strobus | White Pine | 200 cm | | B.&B. | High | Yes | Full Form |
| ECIDUOUS S | SHRUBS | | | | | | | |
| ACB | Amelancier canadensis 'Ballerina' | Ballerina Serviceberry | 200 cm | | B.&B. | High | Yes | Multi Stem |
| CAM | Cornus amomum | Silky Dogwood | 60 cm | | C.G. | High | Yes | Full Form |
| CNS | Cornus sericea | Red Osier Dogwood | 80 cm | | C.G. | High | Yes | Full Form |
| CNK | Cornus sericea 'Kelseyi' | Kelsey Red Osier Dogwood | 60 cm | | C.G. | High | Yes | Full Form |
| LDI | Diervilla Ionicera | Bush Honysuckle | 60 cm | | C.G. | High | Yes | Full Form |
| MPE | Myrica pensylvanica | Bayberry | 60 cm | | C.G. | High | Yes | Full Form |
| POL | Physocarpus opulifolius 'Little Devil' | Little Devil Dwarf Ninebark | 60 cm | | C.G. | High | Yes | Full Form |
| PRC | Prunus virginiana | Chokecherry | 200 cm | | B.&B. | High | Yes | Multi Stem |
| RHG | Rhus aromatica 'Gro-Low' | 'Gro-Low' Fragrant Sumac | 60 cm | | C.G. | High | Yes | Full Form |
| SCA | Sambucus canadensis | American Elderberry | 60 cm | | C.G. | High | Yes | Full Form |
| SCO SCO | Salix cordata | Heartleaf Willow | 60 cm | | C.G. | High | Yes | Full Form |
| SJL | Spirea japonica 'Little Princess' | Dwarf Red Spirea | 60 cm | | C.G. | High | Yes | Full Form |
| VTR | Viburnum trilobum | Highbush Cranberry | 60 cm | | C.G. | High | Yes | Full Form |
| ONIFEROUS | SHRUBS | · | | | | | | |
| JHB | Juniperus horizontalis 'Blue Chip' | Blue Chip Juniper | 50 cm | | C.G. | High | Yes | Full Form |
| JST | Juniper sabina 'Tamariscifolia Blue' | Blue Tamarix Juniper | 50 cm | | C.G. | High | Yes | Full Form |
| TOW | Thuja occidentalis | White Cedar | 120 cm | | B.&B. | High | Yes | Full Form |
| RNAMENTAL | L GRASSES | | · · · · · · | | | | | |
| AGN | Andropegen gerardii 'New Wave' | New Wave Big Bluestem | | | 5 Gal. | High | Yes | Full Form - Native |

02 Issued for Submission 04/14/22 04/19/21 01 Issued for Submission No. Revision Date



Proposed Industrial Units and Landscape Upgrades 2330 Wyecroft Road, Oakville, Ontario

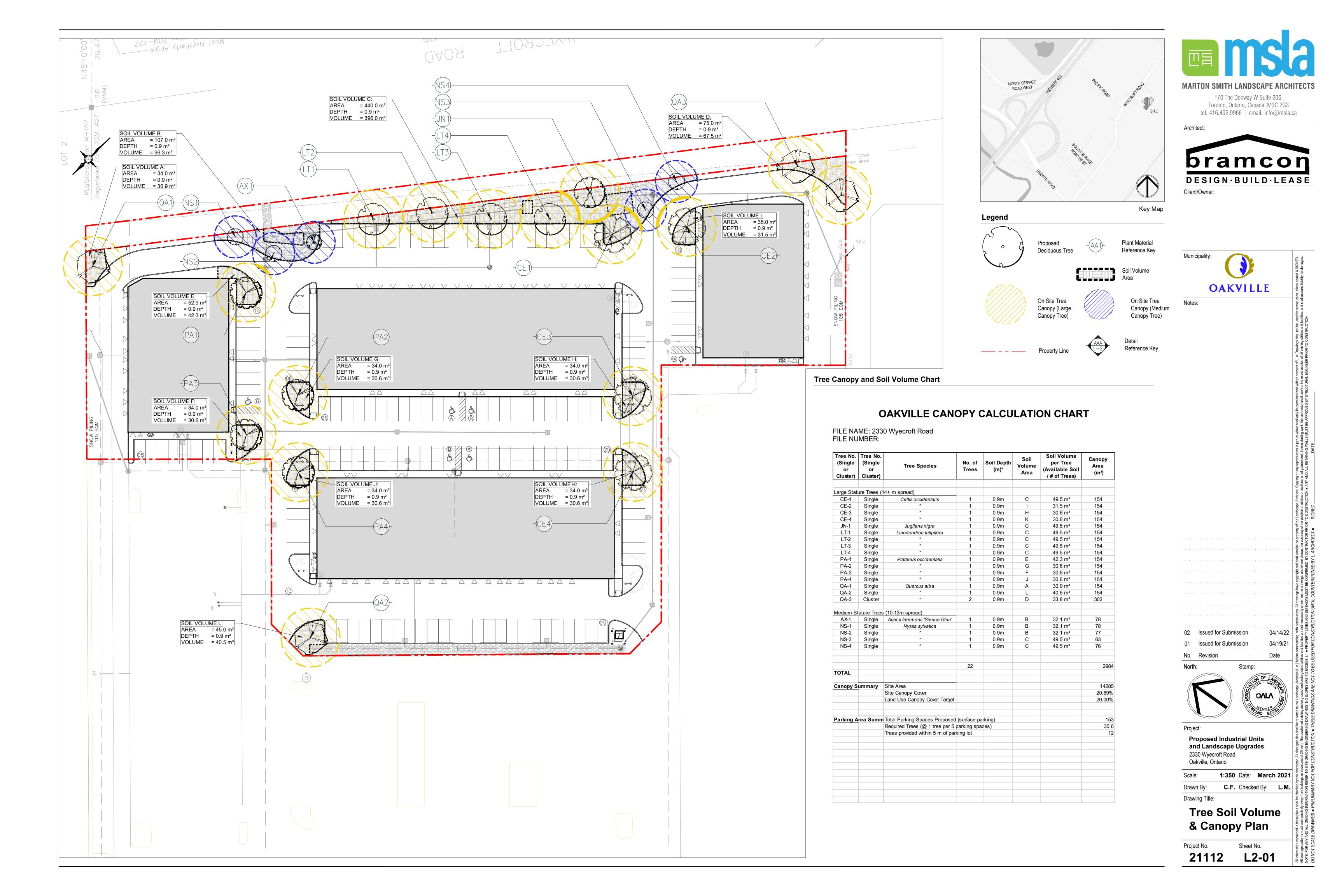
1:350 Date: **March 2021** C.F. Checked By: L.M. Drawn By:

Drawing Title:

Landscape Plan

Project No. Sheet No.

L1-01



LANDSCAPE SPECIFICATIONS

CONTRACTOR MUST CONTACT ALL UTILITY COMPANIES FOR STAKE OUTS PRIOR TO ANY EXCAVATION OR PLANTING.

ROUGH GRADE AND FILL AREAS TO ESTABLISH SUBGRADE AS REQUIRED. PROVIDE DRAINAGE PATTERN AS INDICATED ON DRAWINGS. ROUND SMOOTHLY ALL TOPS AND TOES OF SLOPES. COMPACT ALL AREAS TO 95% STANDARD PROCTOR DENSITY UNLESS SPECIFIED OTHERWISE. EXISTING TREES TO REMAIN ON SITE ARE TO BE PROTECTED AS DETAILED.

FINE GRADE ALL AREAS TO FINISHED GRADES AS SHOWN ON LAYOUT OR GRADING PLAN OR ARCHITECT'S SITE PLAN. PROVIDE UNIFORM SLOPES AWAY FROM THE BUILDING, UNLESS SPECIFIED OTHERWISE. SLOPES MAY NOT EXCEED 33 1/3% (3:1).

SCARIFY THE SUBSOIL PRIOR TO THE SPREADING THE TOPSOIL. REMOVE ALL DEBRIS AND LEAVE A FINE-TEXTURED EVEN SURFACE. ALL TOPSOIL TO BE IMPORTED UNLESS PREVIOUSLY APPROVED BY LANDSCAPE ARCHITECT. OBTAIN APPROVAL FOR THE QUALITY OF ANY IMPORTED TOPSOIL BEFORE DELIVERY TO THE SITE. TOPSOIL IS TO BE COMPACTED. TO CREATE A FIRM AND EVEN SURFACE.

USE NO. 1 GRADE TURFGRASS NURSERY SOD WHICH CONFORMS WITH THE SPECIFICATIONS OF THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO. ALL LAWN AREAS SHALL RECEIVE A MINIMUM OF 100MM (4") OF COMPACTED TOPSOIL, AND SHALL BE SODDED WITH #1 KENTUCKY BLUEGRASS - FESCUE. NO SOD SLOPES ARE TO EXCEED 3:1. SLOPE IN EXCESS OF 4:1 TO BE PEGGED.

APPLY THE FOLLOWING MINERAL FERTILIZER UNLESS SOILS TESTS SHOW OTHER REQUIREMENTS:

1. SODDED AREAS - 11% NITROGEN, 8% PHOSPHORUS AND 4% POTASH (11-8-4) AT THE RATE OF 4.5 KG OVER M2 (10 LBS OVER 1000 SQ.

2. PLANTING BEDS - 7% NITROGEN, 7% PHOSPHORUS AND 7% POTASH (7-7-7) AT THE RATE OF 40 GRAMS (4 OZ.) FOR EVERY BUSHEL OF

PREPARATION OF PLANTING BEDS

MINERAL FERTILIZER

ALL PLANT BEDS TO BE CONTINUOUS. EXCAVATE ALL PLANTING BEDS TO THE DEPTH AS INDICATED ON THE DRAWINGS AND DETAILS MIN 450mm(18"). BACKFILL ALL PLANTING BEDS WITH A SOIL MIXTURE CONSISTING OF SIX (6) PARTS OF SAND LOAM, ONE (1) PART OF FINELY PULVERIZED PEAT MOSS, TWO (2) PARTS OF WELL-ROTTED MANURE AND THE MINERAL FERTILIZER AS SPECIFIED ABOVE. ALSO ADD .58 KILOS BONEMEAL/CUBIC METER OF PLANTING SOIL (1 LB./CUBIC YARD). PREPARE THE PLANTING BEDS FOR PLANTING BEFORE THE DELIVERY OF THE PLANT MATERIAL TO THE JOB SITE.

NOTE: IF THE EXISTING SOIL CONDITIONS ARE CLAY OR WET IN NATURE, CONTACT THE LANDSCAPE ARCHITECT FOR INSTRUCTIONS OF A SUITABLE SOIL MIXTURE. FAILURE TO DO THIS MAY RESULT IN DELAY OF APPROVAL AND ACCEPTANCE.

ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS OF THE CANADIAN NURSERY TRADES ASSOCIATION FOR SIZE AND

ALL SHRUB AND TREE MATERIAL SHALL BE CONTAINER GROWN, POTTED, S/B OR B/B, UNLESS OTHERWISE NOTED. BARE ROOT PLANTING SHALL BE ACCEPTABLE FOR CERTAIN SPECIES DURING EARLY SPRING OR LATE FALL PLANTING SEASON. CONTRACTOR SHALL MAKE REQUESTS FOR ROOT CONDITION SUBSTITUTION IN WRITING TO THE LANDSCAPE ARCHITECT PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS. ALL PLANT MATERIAL TO BE CLAY GROWN STOCK UNLESS OTHERWISE NOTED.

LANDSCAPE SPECIFICATIONS

SCALE: N.T.S. DATE:

PLANT MATERIALS

PLANT MATERIAL INSTALLATION

ALL TREES, SHRUBS AND GROUNDCOVERS SHALL BE PLANTED AS DETAILED & AS SHOWN ON THE PLANTING PLAN. ALL BEDS TO RECEIVE A COVER OF CLEAN MULCH TO A DEPTH OF 75mm(3"). FOR GUYING AND STAKING TREES, REFER TO PLANTING DETAILS. WRAP ALL DECIDUOUS TREES UNDER EXPERIENCED SUPERVISION ONLY TO THE SPECIFICATIONS OF THE ONTARIO LANDSCAPE

PLANT MATERIAL SIZES AND CONDITIONS ARE TO BE AS INDICATED ON THE LANDSCAPE DRAWING.

THE INDIVIDUAL PLANT GROUPING TOTAL AS ILLUSTRATED ON THE PLANTING PLAN SUPERSEDES THE ESTIMATED QUANTITY ON THE MASTER PLANT LIST. CONTRACTOR MUST REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT IN WRITING BEFORE COMMENCING ANY WORK. CONTRACTOR WILL ASSUME FULL RESPONSIBILITY IF LANDSCAPE ARCHITECT IS NOT NOTIFIED OF

* MULCH - SHREDDED PINE MULCH BY "GRO BARK" OR APPROVED EQUAL. LANDSCAPE ARCHITECT TO APPROVE MULCH BEFORE INSTALLATION.

GENERAL MAINTENANCE

PROPER MAINTENANCE PROCEDURES ARE TO BE FULLY ADMINISTERED FOR ALL NEWLY CONSTRUCTED LANDSCAPE WORK, IN ACCORDANCE WITH LANDSCAPE ONTARIO SPECIFICATIONS (SECTION 1E - MAINTENANCE WORK). THIS SHALL APPLY ONLY DURING THE CONSTRUCTION PERIOD, UNLESS OTHERWISE SPECIFIED. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF SOD AND PLANTING UNTIL FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT.

RODENT PROTECTION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL TREES AND SHRUBS FOR WINTER PROTECTION AND FROM RODENT INJURY FOR THE DURATION OF GUARANTY PERIOD. PROTECTIVE GUARDS SHALL BE EMPLOYED AROUND ALL DECIDUOUS TREES. GUARDS TO BE 150MM DIA. PVC PIPE OR AS MUNICIPAL GUIDELINES. GUARDS SHALL BE INSTALLED PRIOR TO THE APPLICATION OF THE MULCH AND SHOULD BE PLACED A MINIMUM OF 50MM (2") OUT FROM THE TREE TRUNK ON ALL SIDES.

ALL SHRUBS AND CONIFEROUS TREES SHALL HAVE AN APPLICATION OF "SKOOT" OR APPROVED EQUIVALENT RODENT FORMULA, TO BE APPLIED AT THE END OF OCTOBER. FOLLOW MANUFACTURER'S DIRECTIONS FOR APPLICATION.

USE ABOVE SPECIFICATIONS IN CONJUNCTION WITH THE GENERAL LANDSCAPE SPECIFICATIONS OF THE ONTARIO LANDSCAPE CONTRACTORS ASSOCIATION, THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO AND WITH THE GUIDE SPECIFICATIONS FOR NURSERY STOCK OF THE CANADIAN NURSERY TRADES ASSOCIATION. USE ONLY PLANT MATERIAL TRUE TO NAME, SIZE AND GRADE AS SPECIFIED ON PLANTING PLAN; PROVIDE SUFFICIENT LABELS OR MARKINGS TO INDICATE CLEARLY THE VARIETY, SIZE AND GRADE OF EACH SPECIMEN OR BUNDLE.

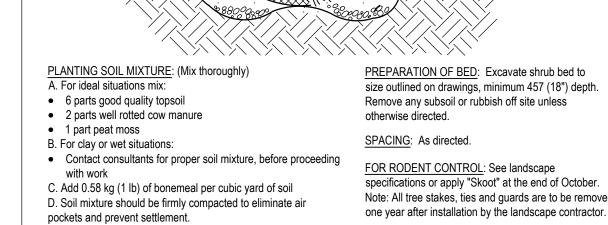
OBTAIN APPROVAL FOR SUBSTITUTIONS AS TO VARIETY, SIZE OR GRADE FROM THE LANDSCAPE ARCHITECT. USE ONLY NURSERY STOCK GROWN UNDER PROPER HORTICULTURAL PRACTICES, VIABLE, FREE FROM PEST AND DISEASE AND UNDAMAGED. CHECK LOCATIONS AND OBTAIN STAKEOUTS OF ALL UTILITY LINES BEFORE EXCAVATION. OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCEMENT OF CONSTRUCTION. REPORT IN WRITING ANY DISCREPANCIES IN THE DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS TO THE LANDSCAPE ARCHITECT BEFORE THE END OF THE BIDDING PROCESS AND COMMENCEMENT OF CONSTRUCTION. THESE SPECIFICATIONS MAY BE SUPERCEDED BY ADDITIONAL SPECIFICATIONS SET OUT IN THE TENDER DOCUMENTS. CONTRACTOR TO REVIEW ALL DOCUMENTS.

GUARANTEE PERIOD

PROVIDE ONE FULL YEAR GUARANTEE ON ALL LANDSCAPE WORK FROM DATE OF FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT. GUARANTEE PERIOD MAY BE EXTENDED TO TWO FULL YEARS DEPENDING ON MUNICIPAL STANDARDS. CONTRACTOR TO VERIFY WITH OWNER AND LANDSCAPE ARCHITECT.

PLANT MATERIAL INSTALLATION

SCALE: N.T.S. DATE:



Shrubs to be wrapped with

ourlap or approved equal

during guaruntee period.

PREPARATION OF BED: Excavate shrub bed to size outlined on drawings, minimum 457 (18") depth. Remove any subsoil or rubbish off site unless otherwise directed.

PRUNING: (To suit species)

Prune to remove damaged or

proper horticultural practice.

DO NOT PRUNE LEADERS.

to species and size of shrub

Provide 102 (4") saucer.

plant list)

MULCHING: 102 (4") shredded

bark mulch be "All Treat" or equal.

CUT AND REMOVE: burlap from

top $\frac{1}{3}$ of ball as shown. (B.B. as per

FERTILIZER: Two (2) 21 gram

equivalent for each shrub in bed.

Agriform tablets or approved

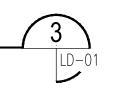
objectionable branches following

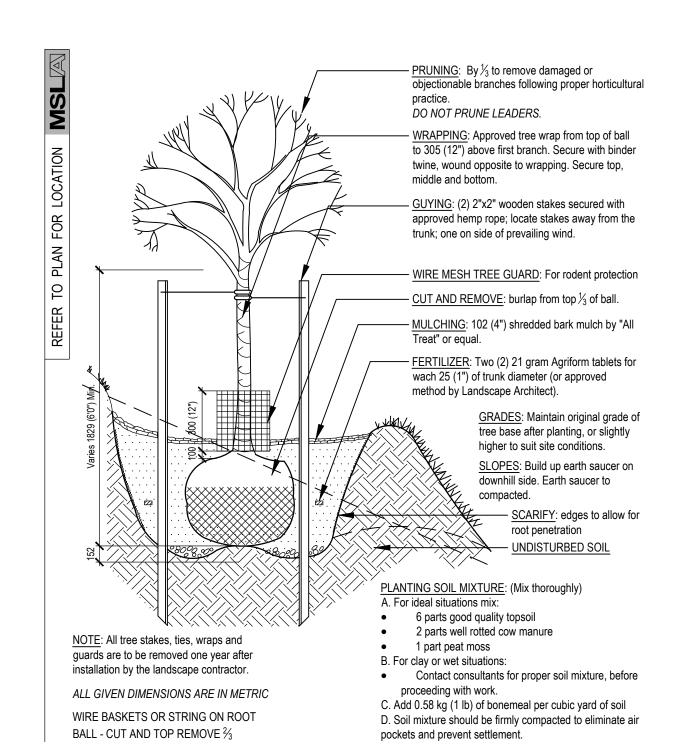
GUYING: As directed; appropriate

FOR RODENT CONTROL: See landscape specifications or apply "Skoot" at the end of October. Note: All tree stakes, ties and guards are to be removed

STANDARD SHRUB PLANTING DETAIL

SCALE: N.T.S. DATE:





STANDARD DECIDUOUS TREE DETAIL SCALE: N.T.S. WOODEN STAKES



Municipality:

Architect:

Client/Owner:

MARTON SMITH LANDSCAPE ARCHITECTS

170 The Donway W Suite 206.

Toronto, Ontario, Canada. M3C 2G3

tel. 416.492.9966 | email. info@msla.ca

bramcon

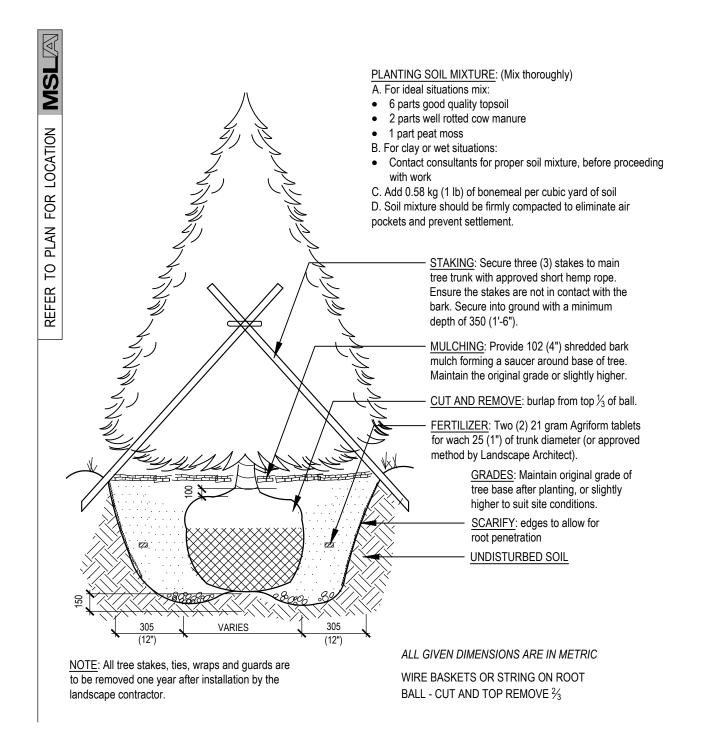
DESIGN·BUILD·LEASE

OAKVILLE

04/14/22

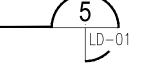
04/19/21

Date



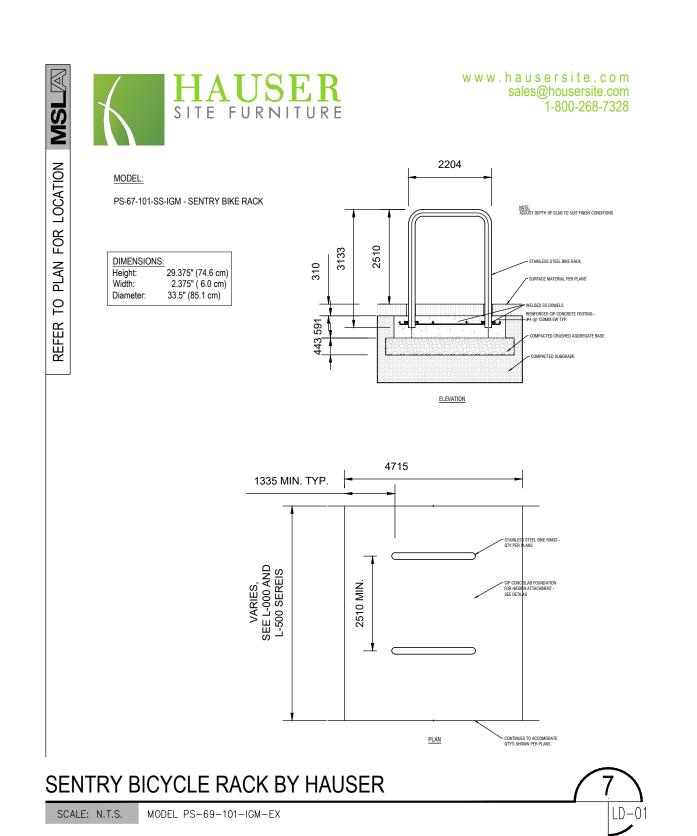
STANDARD CONIFEROUS TREE DETAIL

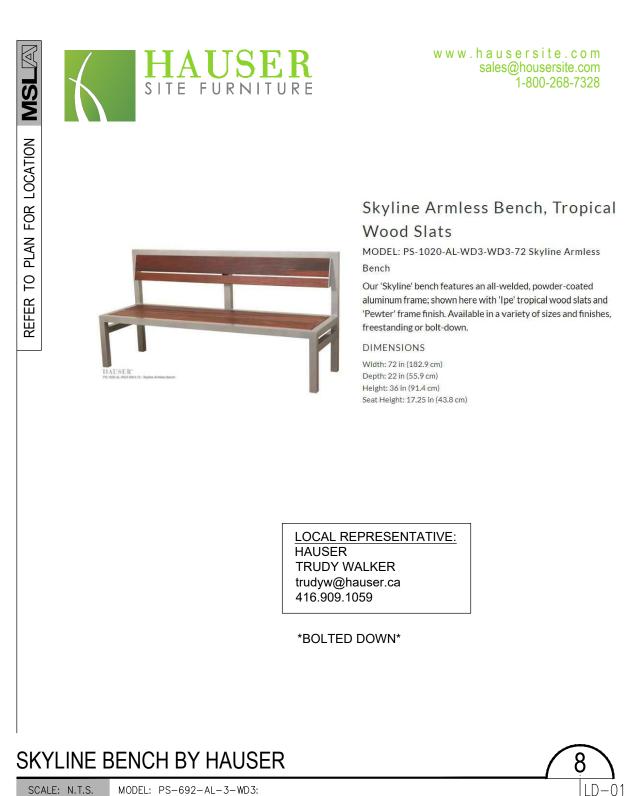
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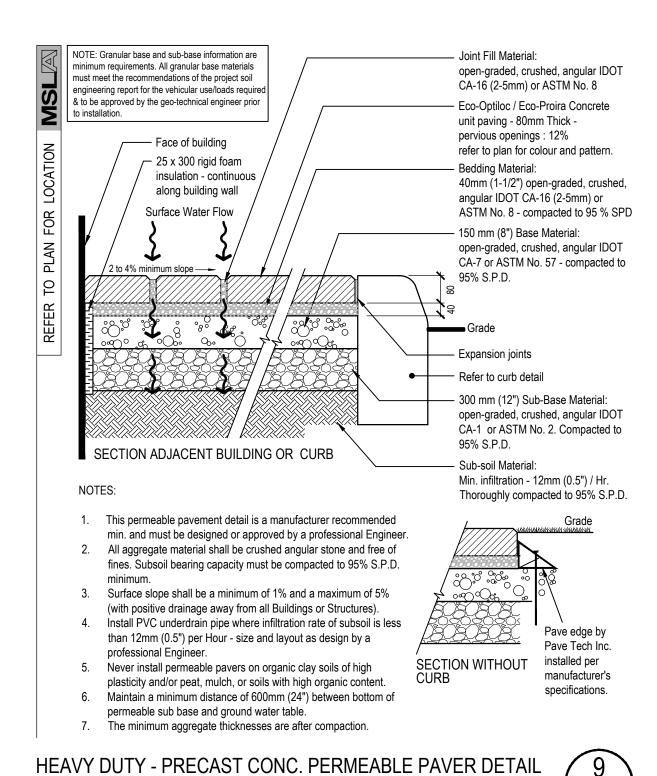


OR ALTERNATIVE APPROVED BY LANDSCAPE ARCHITECT

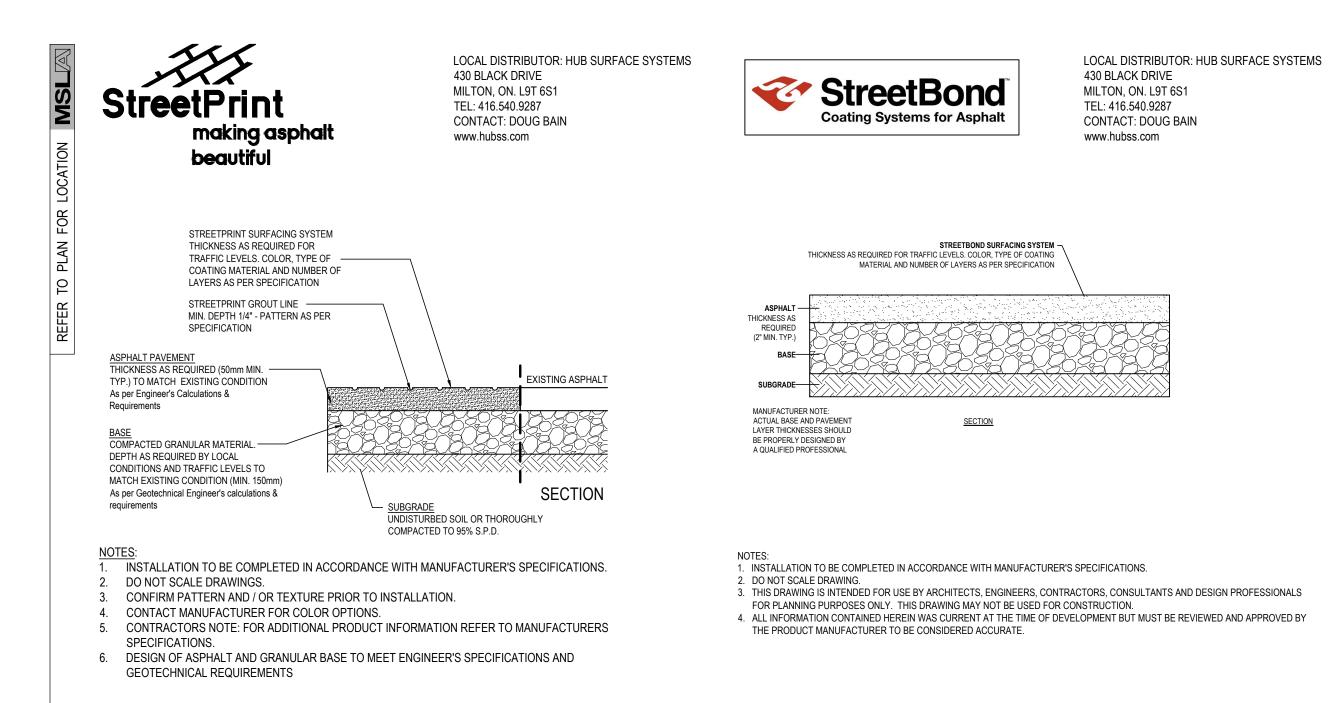








SCALE: N.T.S. TO BE APPROVED BY CIVIL ENGINEER TO MEET INFILTRATION DESIGN CRITERIA



IMPRESSED ASPHALT PAVEMENT - BY STREET PRINT WITH STREET BONG PAVEMNT COATING

SCALE: N.T.S. INTEGRATED PAVING CONCEPTS INC.





170 The Donway W Suite 206. Toronto, Ontario, Canada. M3C 2G3 tel. 416.492.9966 | email. info@msla.ca

Architect:

Client/Owner:



OAKVILLE

Notes:

02 Issued for Submission 01 Issued for Submission No. Revision

Project:

North:

Proposed Industrial Units and Landscape Upgrades 2330 Wyecroft Road, Oakville, Ontario

Scale: As Shown Date: March 2021

C.F. Checked By: L.M. Drawn By:

Drawing Title:

Landscape **Details**

Project No. 21112

LD-02