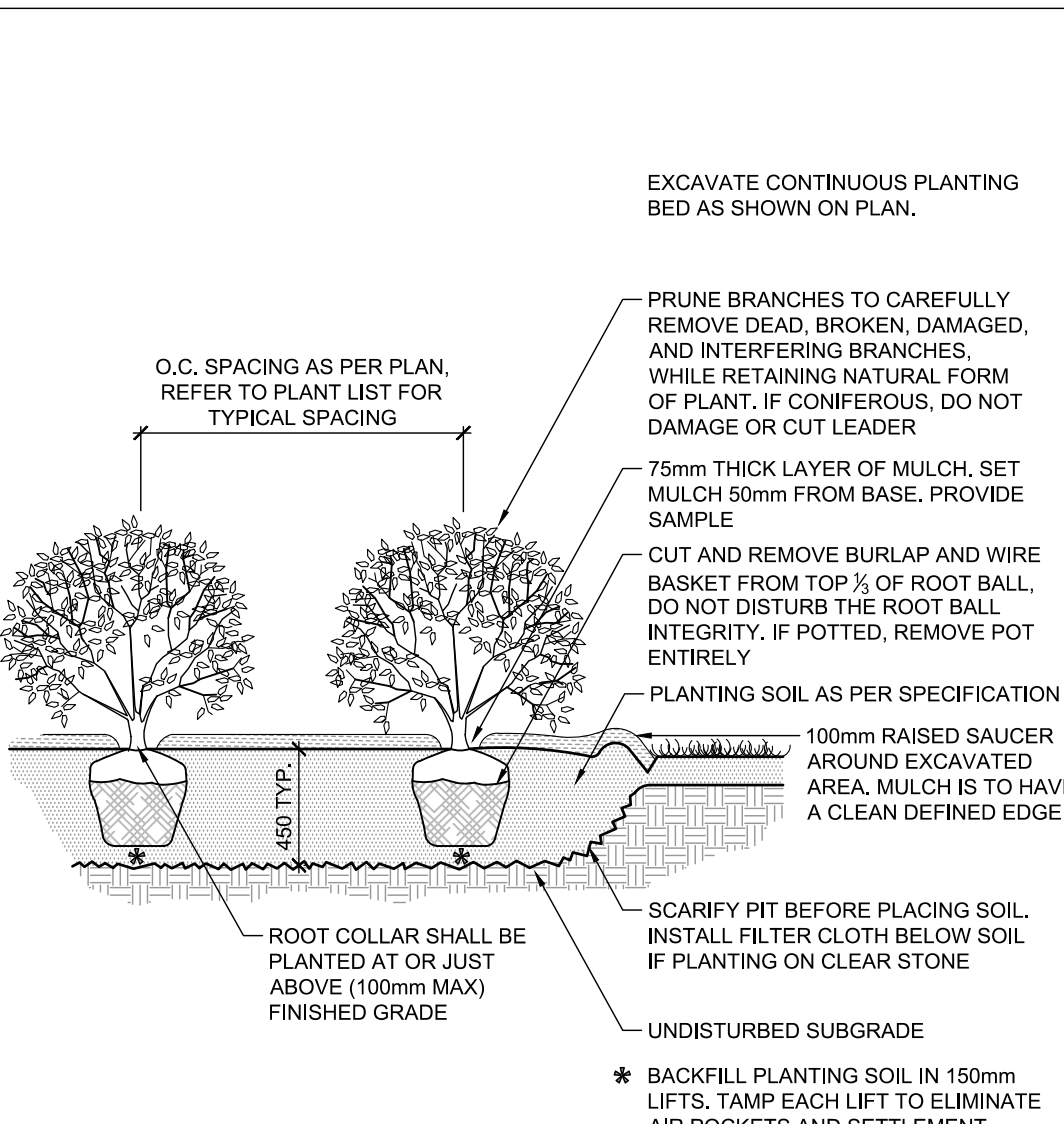
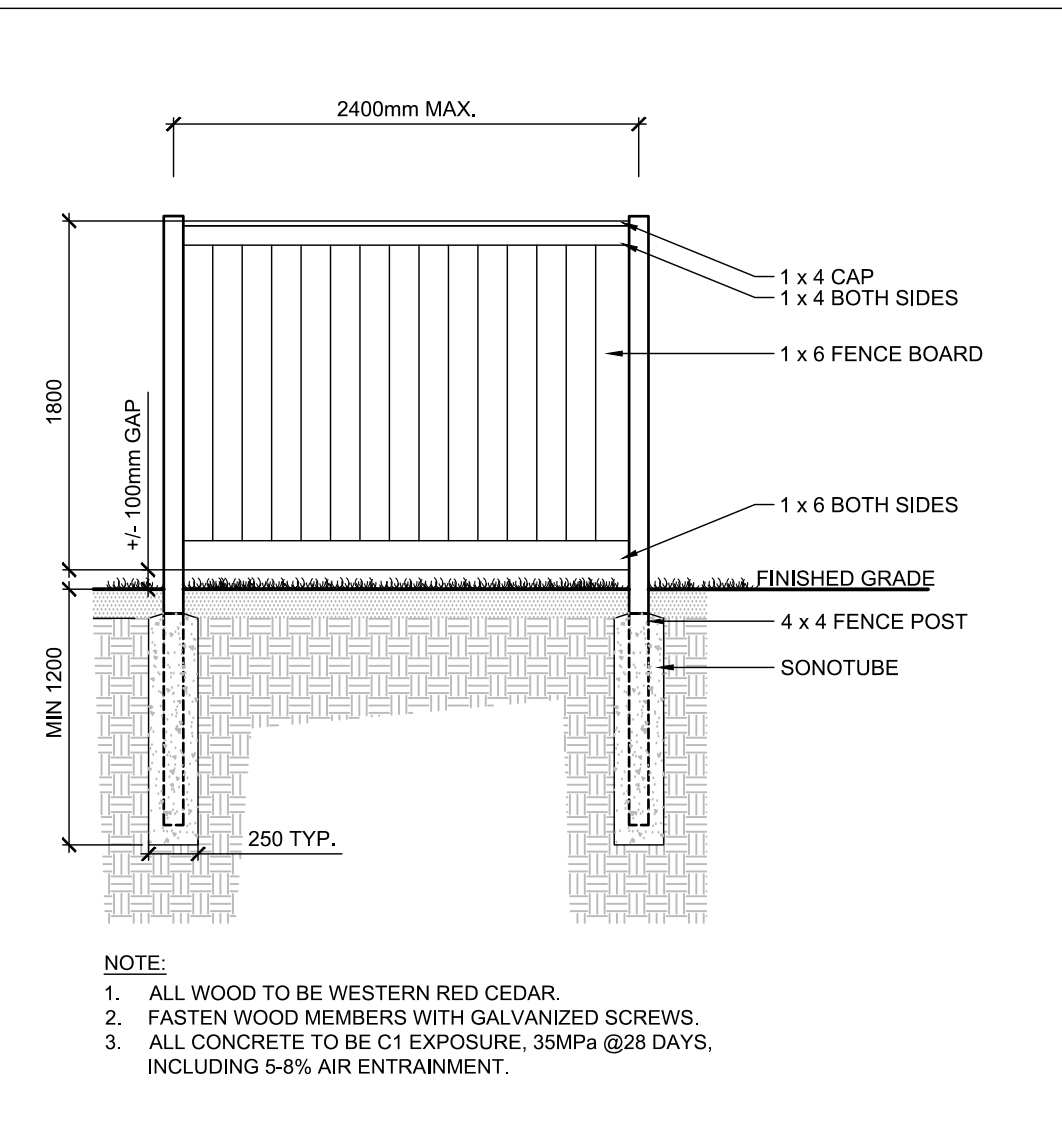


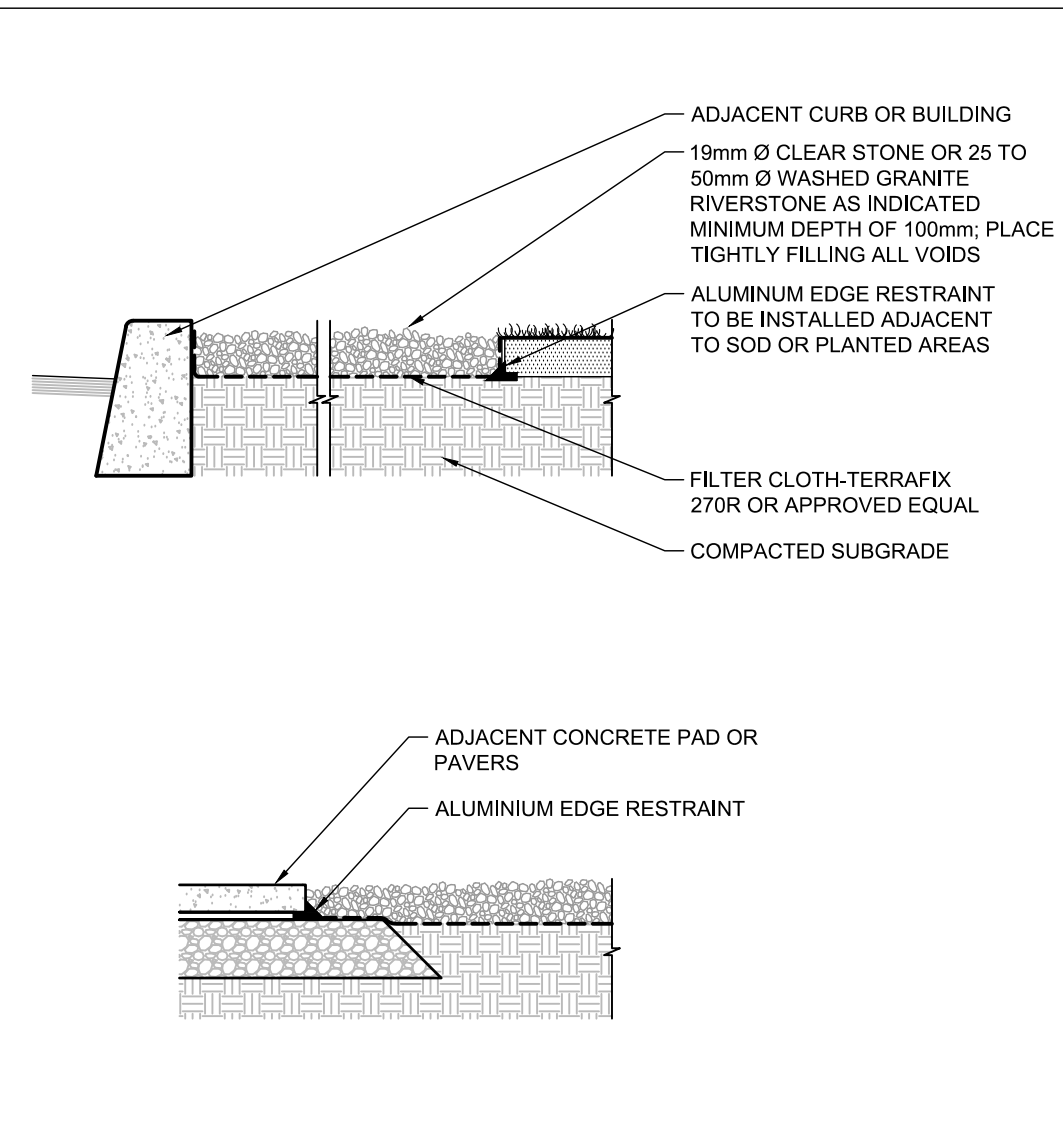
D1 STANDARD DECIDUOUS TREE PLANTING



D2 SHRUB AND PERENNIAL PLANTING



D3 WOOD PRIVACY FENCE



D4 CLEAR STONE



KEY PLAN

## PLANTING NOTES

- This drawing shall be read in conjunction with all relevant Architectural, Engineering, and related drawings and documents.
- Refer to Engineering Drawings for Grading. Provide drainage as indicated in grading plan. Round all tops and toes of slopes, smoothly. Compact all areas to 95% Standard Proctor Density unless otherwise noted.
- Refer to Architectural Drawings for site layout.
- Refer to Engineering Drawings for site servicing.
- Contractor must contact utility companies for locates prior to excavation or planting.
- It is essential to use the plans and details in conjunction with the specifications and notes.
- Existing trees to be retained shall be protected according to the contract detail and specifications.
- Plant material shall be No. 1 Grade and shall comply with Canadian Standards for Nursery Stock (latest edition) published by the Canadian Nursery Landscape Association.
- Use plant material with strong fibrous root system free of disease, defects or injuries, and structurally sound. Use trees with straight trunks, well and characteristically branched for species. Obtain approval from consultant of plant material at source prior to digging. All trees and shrubs shall be container grown, potted, W/B or B/B, as indicated on Plant List. Bare root planting will only be acceptable for certain species and as approved by the Landscape Architect.
- Plant material substitutions shall not be permitted without the written approval from the consultant, with **48 hours notice**, prior to shipping plant material.
- Plant locations are schematic / approximate only. **Contractor shall stake out locations on site for approval by the Landscape Architect prior to installation.** The illustrated number of plants shown in the Planting Plan supersedes the estimated number in the Plant List. Contractor to report any discrepancies to the Landscape Architect prior to installation. Contractor will assume full responsibility if the Landscape Architect is not notified.
- Shrubs, Perennials, Vines, and Groundcovers shall be planted in a continuous planting bed of 450mm depth with approved topsoil covered with 75mm depth shredded bark mulch.
- Ensure trees are thoroughly watered following planting. Monitor material and ensure adequate moisture until acceptance.
- In heavy clay or poorly drained soils, set root ball with root collar 75-100mm higher than finished grade.
- Sod and/or seed areas to receive 100mm depth topsoil as specified. Sod shall be No. 1 Kentucky Bluegrass Sod grown from minimum mixture of 3 Kentucky Bluegrass cultivars. Quality and source shall comply with Canadian Standards for Nursery Stock, Section 17, (latest edition) published by the Canadian Nursery Landscape Nursery Landscape Association. Unless otherwise specified, turf is to be maintained by the contractor until a second cutting is accepted by the Landscape Architect. Apply the following mineral fertilizer unless soil tests show other requirements: Sodded areas - (8-32-16) 8% Nitrogen, 32% Phosphorus, 16% Potash at a rate of 350kg/ha. - Planting Beds - (8-32-16) - 8% Nitrogen, 32% Phosphorus, 16% Potash as per manufacturer specifications.
- Reinstate all areas damaged or disturbed beyond the Limit of Work.

## SOIL CONDITION

- Due to the Plasticity Index being 47.8%, or "high plasticity", planting restrictions remain unchanged from the 2005 Clay Soils Policy where the tree setback must be equal to the mature height of the tree. Therefore, none of the existing trees may remain on site.

## EXISTING TREE INVENTORY

| No. | Botanical Name     | Common Name    | DBH (m) | CRZ (m) | Condition | Owner                | Remarks  | Recomm. |
|-----|--------------------|----------------|---------|---------|-----------|----------------------|--|---------|
| 1   | Acer negundo       | Manitoba Maple | 0.12    | 1.20    | G         | 1258 Marenger Street | Close to existing retaining wall                               | Remove  |
| 2   | Acer negundo       | Manitoba Maple | 0.08    | 0.80    | F         | 1258 Marenger Street | Close to existing retaining wall, multi-leader, wound in trunk | Remove  |
| 3   | Quercus rubra      | Red Oak        | 0.12    | 1.20    | F         | 1258 Marenger Street | Leaf scorch  | Remove  |
| 4   | Acer negundo       | Manitoba Maple | 0.08    | 0.80    | F         | 1258 Marenger Street | Close to existing retaining wall, crooked trunk                | Remove  |
| 5   | Quercus rubra      | Red Oak        | 0.12    | 1.20    | G         | 1258 Marenger Street | Small wound in bark  | Remove  |
| 6   | Acer negundo       | Manitoba Maple | 0.08    | 0.80    | G         | 1258 Marenger Street |  | Remove  |
| 7   | Acer negundo       | Manitoba Maple | 0.12    | 1.20    | G         | 1258 Marenger Street |  | Remove  |
| 8   | Acer negundo       | Manitoba Maple | 0.10    | 1.00    | P         | 1258 Marenger Street | Bent over existing fence                                       | Remove  |
| 9   | Acer negundo       | Manitoba Maple | 0.15    | 1.50    | G         | 1258 Marenger Street |  | Remove  |
| 10  | Acer negundo       | Manitoba Maple | 0.12    | 1.20    | G         | 1258 Marenger Street |  | Remove  |
| 11  | Acer negundo       | Manitoba Maple | 0.12    | 1.20    | G         | 1258 Marenger Street |  | Remove  |
| 12  | Acer negundo       | Manitoba Maple | 0.25    | 2.50    | G         | 1258 Marenger Street |  | Remove  |
| 13  | Fraxinus americana | White Ash      | 0.30    | 3.00    | G         | 1258 Marenger Street |  | Remove  |
| 14  | Acer negundo       | Manitoba Maple | 0.10    | 1.00    | VP        | 1258 Marenger Street | Dead   | Remove  |
| 15  | Acer negundo       | Manitoba Maple | 0.15    | 1.50    | P         | 1258 Marenger Street | Trunk is wrapped around dead tree beside                       | Remove  |
| 16  | Acer negundo       | Manitoba Maple | 0.14    | 1.40    | G         | 1258 Marenger Street |  | Remove  |
| 17  | Acer negundo       | Manitoba Maple | 0.08    | 0.80    | G         | 1258 Marenger Street |  | Remove  |

| Key    | Botanical Name     | Common Name    | % Compos. | DBH Min-Max | DBH Avg | Owner                | Remarks   | Recomm. |
|--------|--------------------|----------------|-----------|-------------|---------|----------------------|---|---------|
| Area A |                    |                |           |             |         |                      |   |         |
| A      | Acer negundo       | Manitoba Maple | 85%       | 0.1-0.5     | 0.30    | 1258 Marenger Street | Shrubby mass of new growth and weeds. No plants large enough to be worth keeping. | Remove  |
| A      | Acer platanoides   | Norway Maple   | 10%       | 0.1-0.3     | 0.20    |                      |   |         |
| A      | Fraxinus americana | White Ash      | 5%        | 0.1-0.3     | 0.20    |                      |   |         |

NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED, BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

NOT FOR CONSTRUCTION

| 120041 - 1258 Marenger Street - Plant List |     |                                 |                             |          |              |
|--|-----|---------------------------------|-----------------------------|----------|--------------|
| KEY  | QTY | BOTANICAL NAME                  | COMMON NAME                 | SIZE     | COND SPACING |
| Deciduous Trees                            |     |                                 |                             |          |              |
| MST  | 2   | Malus 'Sugar Tyme'              | Sugar Tyme Crabapple        | 50mm Cal | WB As Shown  |
| Coniferous Shrubs                          |     |                                 |                             |          |              |
| Psm  | 6   | Pinus mugo 'Slowmound'          | Slowmound Mugo Pine         | 40cm Spr | PT As Shown  |
| Deciduous Shrubs                           |     |                                 |                             |          |              |
| Hf   | 7   | Hydrangea paniculata 'SMHPLQF'  | Little Quick Fire Hydrangea | 45cm Ht  | PT As Shown  |
| Hk   | 15  | Hypericum kalmianum             | Kalm's St. John's Wort      | 45cm Ht  | PT As Shown  |
| Pg   | 5   | Physocarpus opulifolius 'UEFAM' | Amber Jubilee Ninebark      | 45cm Ht  | PT As Shown  |
| Ornamental Grass                           |     |                                 |                             |          |              |
| scz  | 75  | Schizachyrium scoparium         | Little Blue Stem            | 1g       | PT 60cm O.C. |

NOTE: GEOTECHNICAL INVESTIGATIONS INDICATE THE PLASTICITY INDEX OF NATIVE SOILS IS HIGH (47.8%), THEREFORE THE SELECTION OF PROPOSED TREES IS LIMITED TO THE 2005 CLAY SOILS POLICY WHERE THE TREE SETBACK MUST EQUAL THE MATURE HEIGHT OF THE TREE.

## SCALE

1:100

1:100

0 1 2 3 4

## DESIGN

KEW

CHECKED

RGJ

DRAWN

KEW

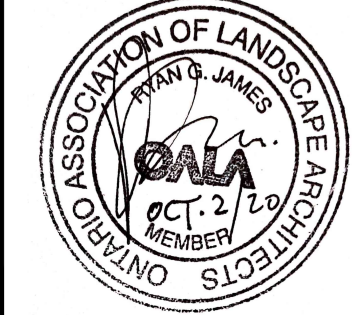
CHECKED

RGJ

APPROVED

RGJ

## FOR REVIEW ONLY



**NOVATECH**  
Engineers, Planners & Landscape Architects  
Suite 200, 240 Michael Cowpland Drive  
Ottawa, Ontario, Canada K2M 1P6  
Telephone (613) 254-9643  
Facsimile (613) 254-5867  
Website www.novatech-eng.com

LOCATION  
CITY OF OTTAWA  
1258 MARENGER STREET

DRAWING NAME  
LANDSCAPE PLAN AND TREE  
CONSERVATION REPORT

PROJECT No.  
120041

REV  
REV # 2

DRAWING No.  
120041-L