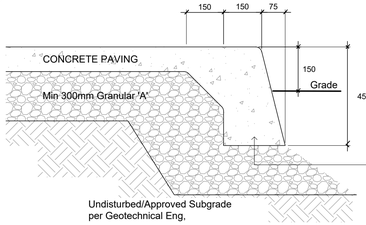
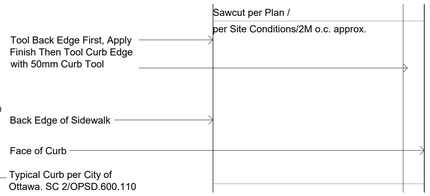



CONCRETE PAVING/MONOLITHIC CURB

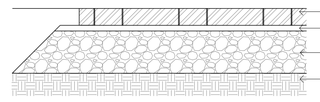
Refer to Grading Plan for Grading




PLAN

NO Dummy Joints/Visible Tooled Edges Except for Curb Edge

NTS




c/w TECHNISEAL NEXTGEL POLYMERIC JOINTING SAND. Install as PER MANUFACTURERS DETAILS AND SPECIFICATIONS, GRADING PLAN

PRECAST CONCRETE SLABS / PAVERS NTS

Permacon Melville 60mm / Approved Equal. Colour To Be Verified Prior to Orderig By Sample To Site, RANGE SCANDINA GREY

CONCRETE - FINISH LIGHT BROOM, WOOD FLOAT MAGNESIUM FLOAT:

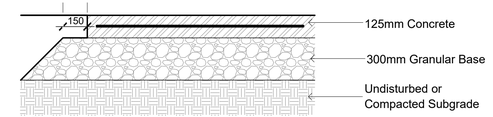
ALL CONCRETE FINISHES TO BE APPROVED BY GJA LANDSCAPE ARCHITECT.

SAWCUT LAYOUT FOR ALL AREAS TO BE MARKED ON SITE IN RED CHALK, REVIEWED, ADJUSTED AND APPROVED BY GJA LANDSCAPE ARCHITECT-PRIOR TO ANY CUTTING.

EXPANSION JOINT LAYOUT FOR ALL AREAS TO BE LAID OUT ON SITE , REVIEWED, ADJUSTED AND APPROVED BY GJA LANDSCAPE ARCHITECT-PRIOR TO ANY CONCRETE POURING.

PROVIDE COLD JOINT DETAIL at End of Previous Pour/Beginning of New Pour, C/W REBAR DOWELS 500mm O.C.

FINISH: TOOL EDGE FIRST, THEN WIPE OFF TOOL MARKS WHILE APPLYING FINISH.




CONCRETE PAVING NTS

32mpa, 6% Air Entrainment 6x6 Wire Mesh, Fibre Exp. Joints at all Hard Edges, Sawcut Control Joints (1" depth) +-2.0m O.C. as

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Gino J. Aiello Landscape Architect. Do Not Use or Reproduce Without Approval of Gino J. Aiello.
**NOT** To Be Used For Construction **Unless** indicated by Revision: "**FOR LANDSCAPE CONSTRUCTION**".
**Contractor is Responsible** for Verification of Site Information & Dimensions. Report Any Discrepancies Before Construction. All Drawings Indicated to Scale to be Read. DO NOT SCALE ANY DRAWING.

The Landscape Plan is to be read in conjunction with the grading, servicing, site and survey plan | Bare root material to be planted in season only | All plant material locations to be staked on site by the landscape contractor and checked by the landscape architect prior to planting | All trees to be preserved on or directly adjacent to the site will be protected | Plant material are to be installed a minimum of; 3.0m away from any part of any hydro transformer, 3.0m corridor between a fire hydrant and the curb, a 2.5m radius beside or behind a fire hydrant, 2.0m from any servicing/utility line or structure |

TREE SCHEDULE - OFF PODIUM / ON GRADE. LEPINE CORP 910 MARCH ROAD

| CODE | QUANTITY | | BOTANICAL NAME | COMMON NAME | B&B SPECIMEN | SPREAD | NATIVE |
|---|---|---|---|---|---|---|---|
| | SITE | OFF SITE | 40 YEAR OUTLOOK SPREAD FORECASTED via "Manual of Woody Landscape Plants" by MICHAEL A. DIRR. | | | | |
| AR | 5 | 0 | Acer rubrum | Red Maple | 50mm cal | 12M | YES |
| AS | 1 | 0 | Acer saccharum | Sugar Maple | 50mm cal | 15M | YES |
| CO | 1 | 0 | Celtis occidentalis | Common Hackberry | 50mm cal | 18M | YES |
| QM | 3 | 0 | Quercus macrocarpa | Bur Oak | 50mm cal | 20M | YES |
| QR | 3 | 0 | Quercus rubra | Red Oak | 50mm cal | 15M | YES |
| TOTALS | 13 | 0 | | | | | |
| CT | 1 | 0 | Abies balsamea | Balsam Fir | 1.5m Ht. | N/A | YES |
| CT | 1 | 0 | Larix laricina | Eastern Larch / Tamarack | 1.5m Ht. | N/A | YES |
| PG | 1 | 0 | Picea glauca | White Spruce | 1.5m Ht. | N/A | YES |
| PR | 1 | 0 | Pinus resinosa | Red Pine | 1.5m Ht. | N/A | YES |
| CT | 1 | 0 | Pinus strobus | White Pine | 1.5m Ht. | N/A | YES |
| TOTALS | 5 | 0 | | | | | |

PODIUM TREES - 910 MARCH ROAD - LEPINE CORP

| CODE | QUANTITY | | BOTANICAL NAME | COMMON NAME | B&B SPECIMEN | NATIVE | SPREAD |
|---|---|---|---|---|---|---|---|
| | PRIVATE | PUBLIC | | | | | |
| ag | 4 | 0 | Aesculus glabra | Ohio Buckeye | 50mm cal | YES | 10M |
| ac | 2 | 0 | Amelanchier canadensis | Tree Serviceberry | 50mm cal | YES | 4M |
| bp | 4 | 0 | Betula populifolia | Gray Birch | 50mm cal | YES | 5M |
| cc | 2 | 0 | Carpinus caroliniana | Hornbeam Bluebeech | 50mm cal | YES | 8M |
| cov | 2 | 0 | Carya ovata | Shagbark Hickory | 50mm cal | YES | 12M |
| ov | 1 | 0 | Ostrya virginiana | Hophornbeam Ironwood | 50mm cal | YES | 8M |
| pp | 2 | 0 | Prunus pensylvanica | Pin Cherry | 50mm cal | YES | 6M |
| TOTALS | 17 | 0 | | | | | |
| ct | 5 | 0 | Juniperus virginiana | Eastern Red Cedar | 1.5m Ht. | YES | N/A |
| ct | 3 | 0 | Pinus cembra | Swiss Stone Pine | 1.5m Ht. | NO | N/A |
| ct | 1 | 0 | Pinus flexilus | Limber Pine | 1.5m Ht. | NO | N/A |
| ct | 1 | 0 | Thuja occidentalis arborvitae | White Cedar, nursery grown | 1.5m Ht. | YES | N/A |
| TOTALS | 10 | 0 | | | | | |

PERIMETER PLANTING - 910 MARCH ROAD LEPINE CORP GJA INC.

| QUANTITY TRIBUTARY 2/3 | QUANTITY TRIBUTARY 4 | TOTAL | Botanical Name | Common Name | Size | Condition |
|---|---|---|---|---|---|---|
| 1 | 0 | 1 | Acer pensylvanicum | Striped Maple | 40mm cal | Spring Ball |
| 2 | 1 | 3 | Acer rubrum | Red Maple | 40mm cal | Spring Ball |
| 2 | 1 | 3 | Acer saccharum | Sugar Maple | 40mm cal | Spring Ball |
| 1 | 1 | 2 | Betula papyrifera | Paper Birch | 40mm cal | Spring Ball |
| 1 | 0 | 1 | Carpinus caroliniana | Hornbeam Bluebeech | 40mm cal | Spring Ball |
| 1 | 0 | 1 | Carya ovata | Shagbark Hickory | 40mm cal | Spring Ball |
| 1 | 0 | 1 | Celtis occidentalis | Common Hackberry | 40mm cal | Spring Ball |
| 1 | 0 | 1 | Ostrya virginiana | Hophornbeam Ironwood | 40mm cal | Spring Ball |
| 1 | 0 | 1 | Prunus pensylvanica | Pin Cherry | 40mm cal | Spring Ball |
| 1 | 0 | 1 | Prunus serotina | Black Cherry | 40mm cal | Spring Ball |
| 1 | 0 | 1 | Quercus bicolor | Swamp White Oak | 40mm cal | Spring Ball |
| 1 | 1 | 2 | Quercus macrocarpa | Bur Oak | 40mm cal | Spring Ball |
| 1 | 1 | 2 | Quercus rubra | Red Oak | 40mm cal | Spring Ball |
| 15 | 5 | 20 | | | | |
| | | | | | | |
| 3 | 5 | 8 | Abies balsamea | Balsam Fir | 1.0m Ht. | POT |
| 0 | 4 | 4 | Juniperus virginiana | Eastern Red Cedar | 1.0m Ht. | POT |
| 3 | 5 | 8 | Larix laricina | Eastern Larch / Tamarack | 1.0m Ht. | POT |
| 3 | 3 | 6 | Picea glauca | White Spruce | 1.0m Ht. | POT |
| 3 | 5 | 8 | Pinus strobus | White Pine | 1.0m Ht. | POT |
| 3 | 5 | 8 | Tsuga canadensis | Canadian Hemlock | 1.0m Ht. | POT |
| 15 | 27 | 42 | | | | |

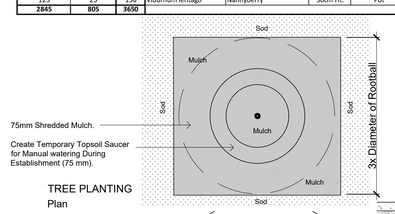
| 1775 sq. m | 525 sq.m. | | Botanical Name | Common Name | Size | Condition |
|---|---|---|---|---|---|---|
| 100 | 25 | 125 | Arctostaphylos uva ursi | Bearberry | 9cm Pot | |
| 225 | 75 | 300 | Amelanchier canadensis | Serviceberry | 30cm Ht. | Pot |
| 75 | 25 | 100 | Aronia melanocarpa | Chokeberry | 30cm Ht. | Pot |
| 35 | 15 | 50 | Cornus alternifolia | Pagoda Dogwood | 30cm Ht. | Pot |
| 175 | 50 | 225 | Cornus racemosa | Grey Dogwood | 30cm Ht. | Pot |
| 250 | 75 | 325 | Cornus sericea | Red Osier Dogwood | 30cm Ht. | Pot |
| 200 | 75 | 275 | Hypericum kalmianum | Kalm St. John's Wort | 30cm Ht. | Pot |
| 150 | 75 | 225 | Hypericum prolificum | Shrubby St. John's Wort | 30cm Ht. | Pot |
| 35 | 15 | 50 | Panicum virgatum | Switch Grass | 9cm Pot | |
| 75 | 25 | 100 | Physocarpus opulifolius | Common Ninebark | 30cm Ht. | Pot |
| 350 | 75 | 425 | Rhus typhina | Staghorn Sumac | 30cm Ht. | Pot |
| 75 | 25 | 100 | Ribes aureum | Flowering Currant | 30cm Ht. | Pot |
| 100 | 25 | 125 | Rosa palustris | Swamp Rose | 30cm Ht. | Pot |
| 125 | 50 | 175 | Rubus odoratus | Flowering Raspberry | 30cm Ht. | Pot |
| 275 | 75 | 350 | Spiraea alba | Meadowsweet | 30cm Ht. | Pot |
| 250 | 75 | 325 | Symphoricarpos albus | Snowberry | 30cm Ht. | Pot |
| 125 | 25 | 150 | Viburnum lentago | Nannyberry | 30cm Ht. | Pot |
| 2845 | 805 | 3650 | | | | |

FOUNDATION PLANTING 910 MARCH ROAD LEPINE CORP

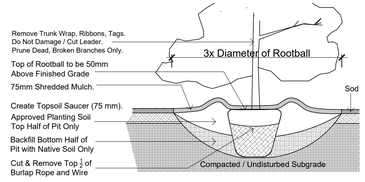
| Outer Perimeter | Interior Podium | Botanical Name | Common Name | Size | Condition | NATIVE |
|---|---|---|---|---|---|---|
| 525 sq. m. | 300 sq. m. | | | | | |
| TBD | TBD | Arctostaphylos Uva Ursi | Bearberry | 30cm spr | Pot | Pot |
| TBD | TBD | Cornus sericiea 'Flaviramea' | Yellowtwig Dogwood | 50cm | Pot | Pot |
| TBD | TBD | Hydrangea arborescens 'Invincible Spirit' | Invincible Spirit Hydrangea | 50cm | Pot | Pot |
| TBD | TBD | Hypericum kalmianum | Kalm St. John's Wort | 30cm | Pot | YES |
| TBD | TBD | Hypericum prolificum | Shrubby St. John's Wort | 40cm | Pot | YES |
| TBD | TBD | Potentilla fruticosa 'Abbotswood' | Abbotswood Potentilla | 30cm | Pot | YES |
| TBD | TBD | Physocarpus opulifolius 'Nanus' | Dwarf Ninebark | 40cm | Pot | YES |
| TBD | TBD | Ribes aureum | Flowering Currant | 50cm | Pot | YES |
| TBD | TBD | Rosa palustris | Swamp Rose | 50cm | Pot | YES |
| TBD | TBD | Symphoricarpos albus | Snowberry | 50cm | Pot | YES |
| TBD | TBD | Spiraea alba | Meadowsweet | 60cm | Pot | YES |
| TBD | TBD | Spiraea bumalda 'Dart's Red' | Dart's Red Spirea | 30cm | Pot | |
| TBD | TBD | Juniperus chinensis 'Ontario Green' | Ontario Green Juniper | 30cm spr | Pot | |
| TBD | TBD | Pinus mugo var. pumilio | Mugho Pine | 30cm spr | Pot | |
| TBD | TBD | Taxus cuspidata 'Monloo' | Emerald Spreader Yew | 30cm spr | Pot | |
| 750 | 450 | TOTALS | | | | |
| Code | Qty. | Botanical Name | Common Name | Size | Condition | |
| TBD | TBD | Echinacea | Purple Coneflower | 9cm Pot | | |
| TBD | TBD | Geranium macrorrhizum | Bigroot Geranium | 9cm Pot | | |
| TBD | TBD | Geranium psilostemon 'Gerwat' | Rozanne Geranium | 9cm Pot | | |
| TBD | TBD | Panicum virgatum | Switch Grass | 9cm Pot | | YES |
| TBD | TBD | Sedum | Sedum | 9cm Pot | | |
| 150 | 100 | TOTALS | | | | |

SHRUBS 910 MARCH ROAD LEPINE CORP

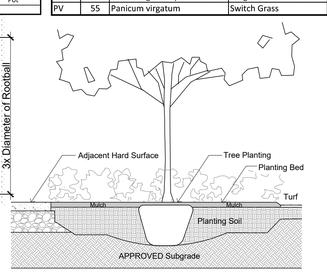
| Code | Qty. | Botanical Name | Common Name | Size | Condition | NATIVE |
|---|---|---|---|---|---|---|
| HK | 60 | Hypericum kalmianum | Kalm St. John's Wort | 30cm | Pot | YES |
| HP | 100 | Hypericum prolificum | Shrubby St. John's Wort | 40cm | Pot | YES |
| SA | 235 | Spiraea alba | Meadowsweet | 60cm | Pot | YES |
| PM | 5 | Pinus mugo var. pumilio | Mugho Pine | 30cm spr | Pot | |
| PV | 55 | Panicum virgatum | Switch Grass | 9cm Pot | | YES |




TREE PLANTING
Plan

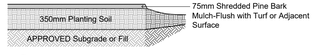



TREE PLANTING
Section

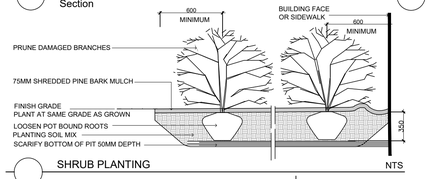



TREE PLANTING IN PLANTING BED NTS

During Excavation/Bed Preparation if Extreme Conditions are Encountered (Water, Rock, Gravel...) Notify GJA INC Immediately.

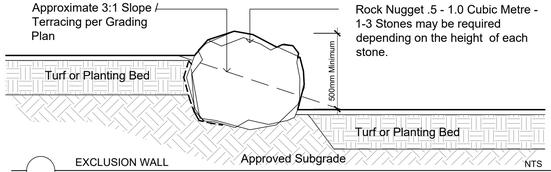



TYPICAL PLANTING BED NTS



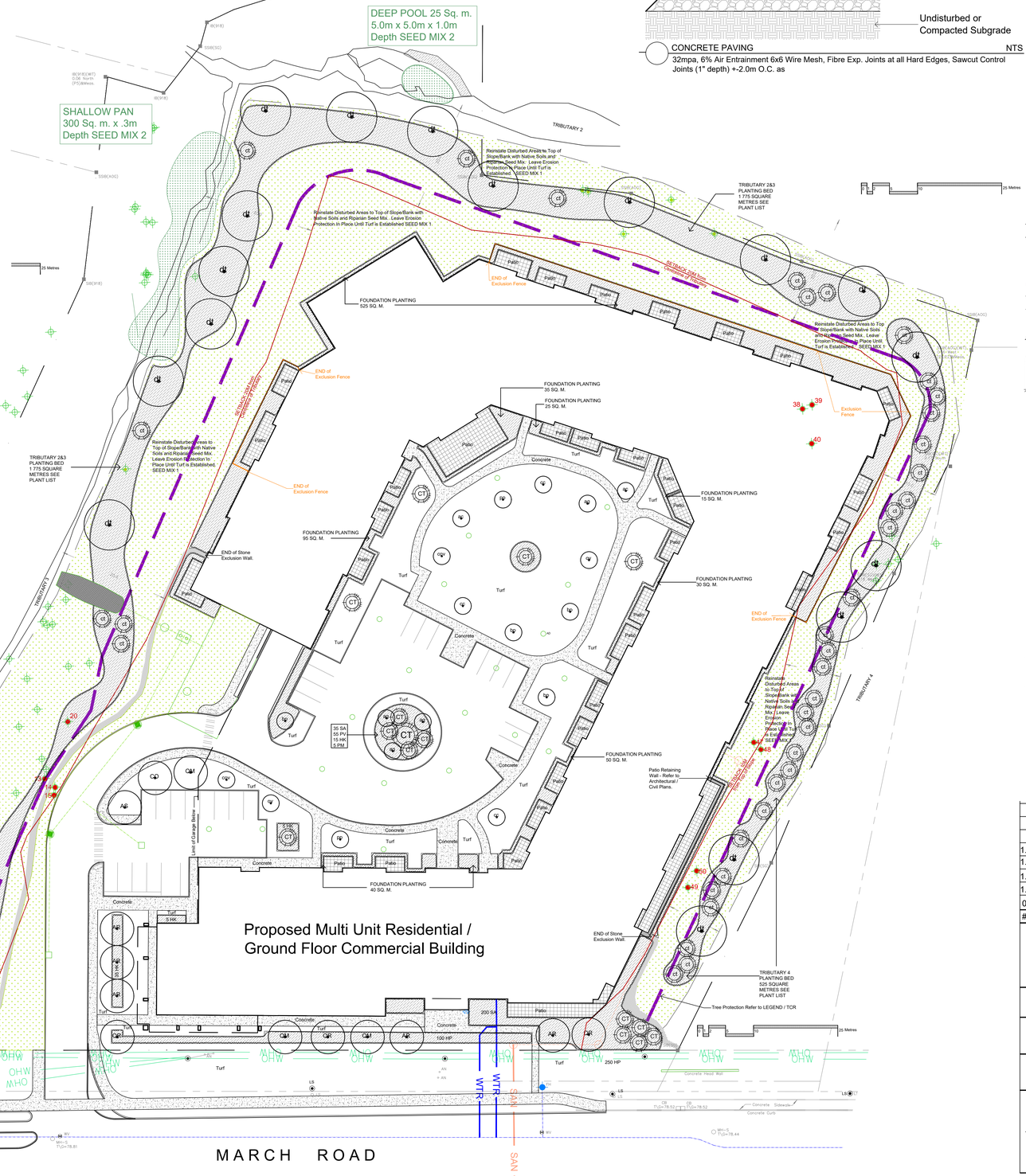

SHRUB PLANTING NTS

DEVELOPMENT SIDE | TRIBUTARY SIDE




EXCLUSION WALL NTS

Locally Acquired Blast Rock/Armour Stone Nuggets - . Minimum .5 cubic Metre, Maximum 1 cubic Metre Each . Set On Subgrade Bury in Soil minimum 100mm




## REFER TO TCR

- Existing Tree to Remain
- 13 Existing Tree to Remove
- Tree Protection

## LANDSCAPE PLAN LEGEND

## BELOW GRADE SERVICES REFER TO CIVIL/CUP

- WTR — U/G Water Service
- STM — U/G Storm Service
- SAN — U/G Sanitary Service
- U/G Gas Service
- BC — U/G TelCo Service
- H — U/G Hydro Service
- O/H Hydro Service

| # | Revision | Date |
|---|---|---|
| 1.7 | per SP 1.7 | 2024 04 12 |
| 1.5 | per SP 1.6 | 2023 12 22 |
| 1.4 | per SP 1.4 | 2023 07 28 |
| 1.0 | FIRST SUBMISSION SPC 1.0 | 2023 03 29 |
| 0 | REVIEW/COORDINATION | 2023 03 21 |

LÉPINE
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OTTAWA ONTARIO, K2K 2X3
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110 DOSSBURY ROAD UNIT # 8 | OTTAWA ONTARIO | K2T 0Z2

910 MARCH ROAD MIXED USE DEVELOPMENT

Landscape Plan

Scale: 1:400

L1

D02-02-20-0050 & D07-12-20-0089

City of Ottawa Plan No. #18358