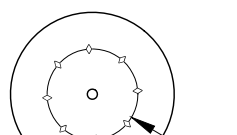
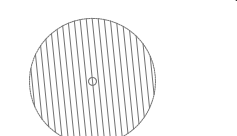
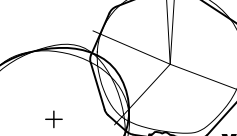


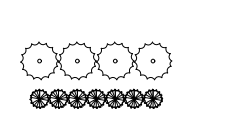
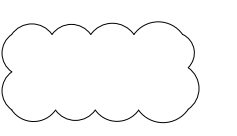
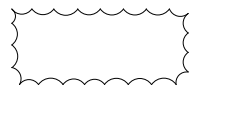




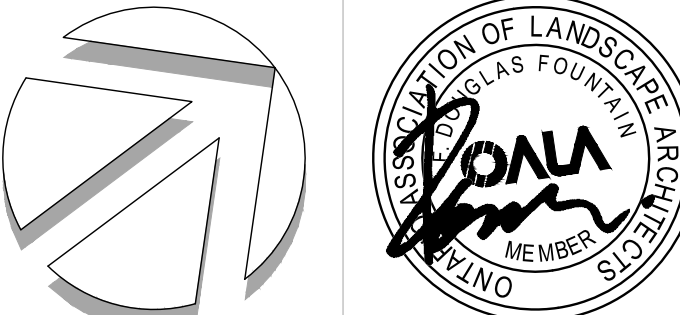
- Legend / légende
-  EXISTING TREES TO REMAIN (ALL DECIDUOUS TREES < 10cm DIA. AS REFERENCED IN IFS ASSOCIATES MEMO DATED May8, 2018)
 -  EXISTING TREES TO BE REMOVED
 -  DECIDUOUS TREES (REFER TO PLANTING SCHEDULE FOR SPECIES AND QUANTITIES)
 -  CONIFEROUS TREES (REFER TO PLANTING SCHEDULE FOR SPECIES AND QUANTITIES)
 -  SPECIMEN SHRUBS/ORNAMENTAL GRASSES (REFER TO PLANTING SCHEDULE FOR SPECIES AND QUANTITIES)
 -  MULCHED SHRUB BEDS (REFER TO PLANTING KEYS & SCHEDULE FOR SPECIES AND QUANTITIES)
 -  MULCHED PERENNIAL BEDS (REFER TO PLANTING KEYS & SCHEDULE FOR SPECIES AND QUANTITIES)
 -  1.8m HIGH ORNAMENTAL IRON FENCE (BLACK)
 -  TYP. CAST-IN-PLACE CONCRETE BICYCLE STORAGE PADS (CAPACITY - # BICYCLES)
 -  TYP. BENCH - EXACT LOCATIONS TO BE PROVIDED ON SITE

| rev'n | description / la description | mm/dd/yyyy |
|-------|--|------------|
| 3 | updated per City comments, coordination with Site Plan | 09/18/2019 |
| 2 | No change - addition of professional stamp | 05/09/2018 |
| 1 | issue for City submission | 04/20/2018 |
| 0 | preliminary issue for Client review | 02/20/2018 |

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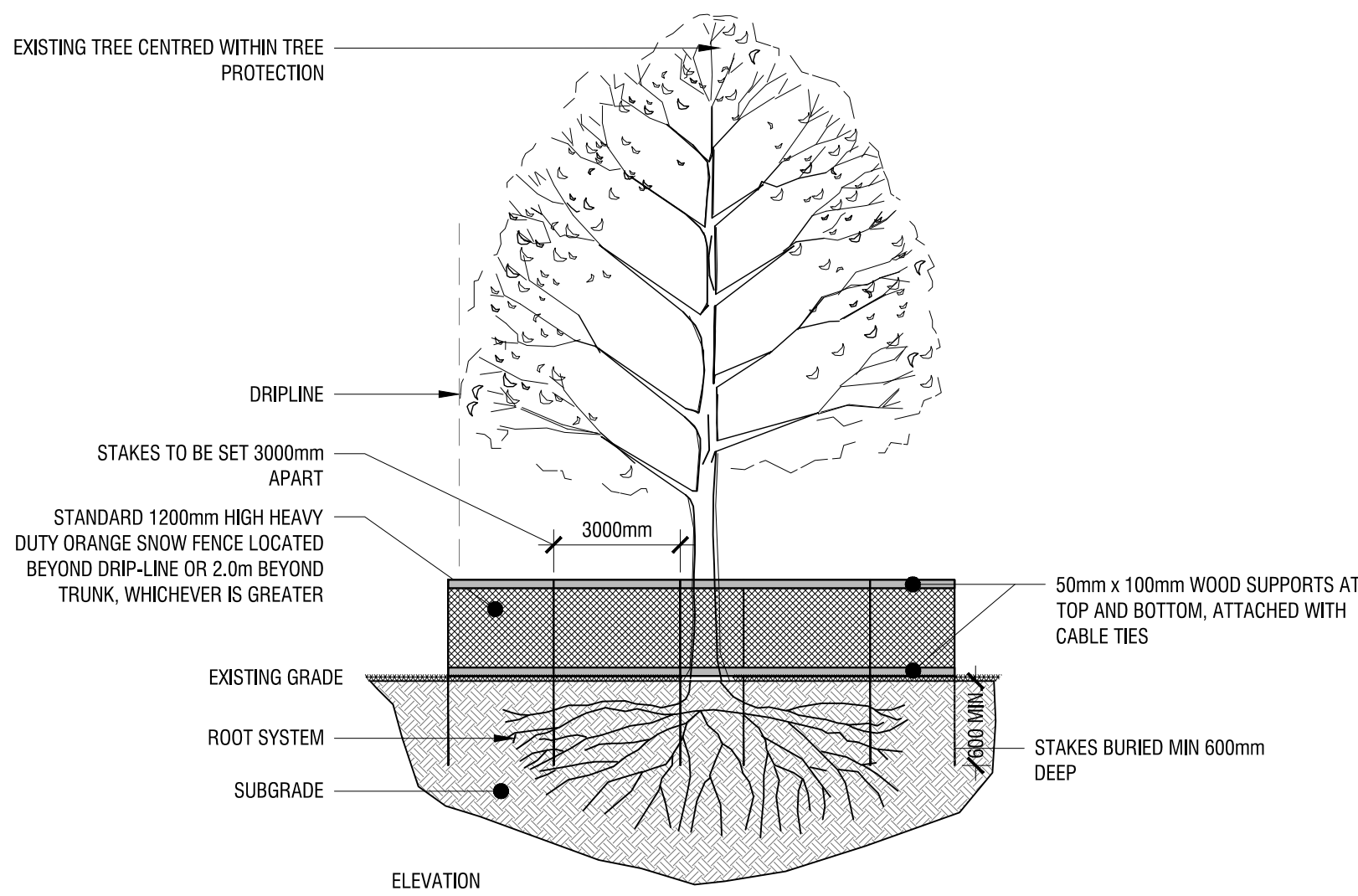
project / projet

KANATA LAKES PLAZA

drawing / dessin

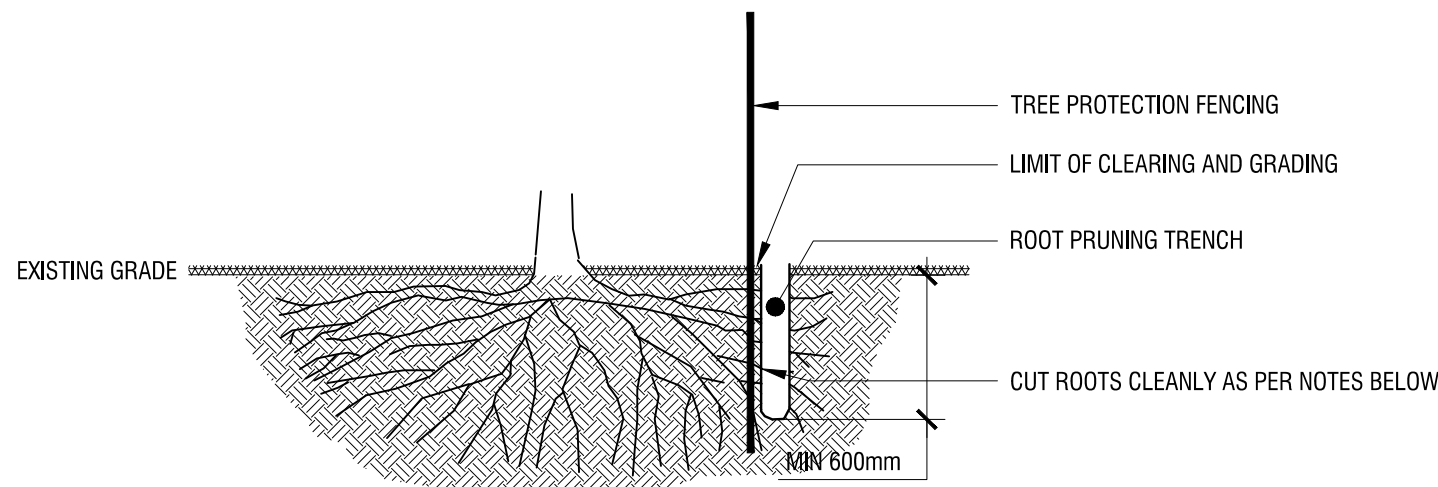
LANDSCAPE PLAN

| | | |
|--|-----------------------------------|---------------------------------|
| designed / conçu DF / SP | drawn / dessiné SP / DF | reviewed / examiné DF |
| date February 2018 | | |
| project number / No. du projet G 17-18 | | |
| drawing number / No. du dessin | | |



NOTES:

1. INSTALL TREE PROTECTION BEFORE CONSTRUCTION BEGINS AND KEEP IN PLACE UNTIL LANDSCAPE CONSTRUCTION IS COMPLETE;
2. EXISTING TREES TO REMAIN SHALL BE PROTECTED WITH CONTINUOUS ORANGE SNOW FENCING LOCATED BEYOND DRIPLINE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT. GROUPS OF EXISTING TREES / PLANTINGS TO REMAIN SHALL BE PROTECTED WITH CONTINUOUS SNOW FENCING AROUND ENTIRE CLUMPS(S). AREAS WITH PROTECTIVE FENCING SHALL REMAIN UNDISTURBED AND NOT BE USED FOR STORAGE OF BUILDING MATERIALS OR EQUIPMENT;
3. THE GRADES WITHIN THE FENCING SHALL REMAIN UNCHANGED;
4. NO RIGGING CABLES SHALL BE INSTALLED OR WRAPPED AROUND TREES. EXCESS SOIL, MATERIALS, EQUIPMENT OR DEBRIS SHALL NOT BE PLACED OVER ROOT SYSTEMS OF TREES WITHIN PROTECTIVE FENCING. NO CONTAMINANTS SHALL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST;
5. BRANCHES, LIMBS OR PORTIONS OF TREES THAT ARE REMOVED TO ALLOW FOR CONSTRUCTION WORK SHALL BE REMOVED CAREFULLY AND IN ACCORDANCE WITH ACCEPTED ARBORICULTURE PRACTICE;
6. WHERE ROOT SYSTEMS OF PROTECTED TREES ARE DIRECTLY EXPOSED TO OR DAMAGED BY CONSTRUCTION WORK, THEY SHALL BE TRIMMED NEATLY AND THE AREA BACKFILLED WITH SUITABLE MATERIAL TO PREVENT DESICCATION;
7. WHERE APPROPRIATE, THE TREES SHALL UNDERGO AN OVERALL PRUNING TO RESTORE TREE APPEARANCE AND / OR RESTORE THE BALANCE BETWEEN TOP GROWTH AND ROOTS. DO NOT PRUNE LEADERS.
8. NO MOVEMENT OF VEHICLES, EQUIPMENT OR PEDESTRIANS SHALL OCCUR WITHIN THE FENCE

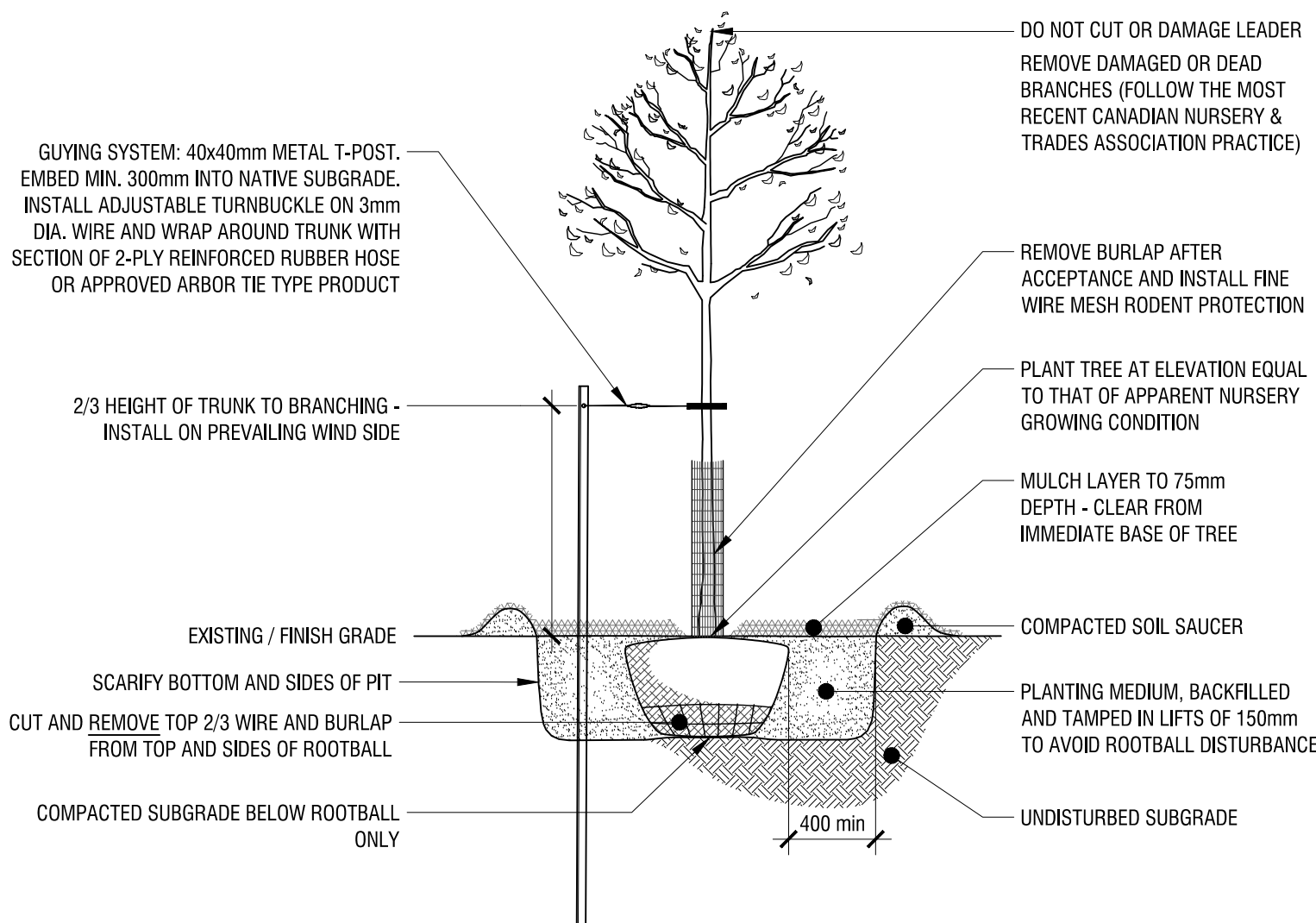


NOTES:

1. PROPER ROOT PRUNING TECHNIQUE REQUIRED WHEN TREE ROOTS ENCOUNTERED DURING EXCAVATION.
2. EXCAVATIONS WITHIN DRIPLINE SHOULD BE BY DIRECTIONAL MICRO-TUNNELLING AND BORING. OUTSIDE THE DRIPLINE, ROOTS SHOULD BE CUT CLEANLY (AS PER ABOVE DRAWING) WITH PRUNING SHEARS OR A SAW WIPED WITH ALCOHOL BEFORE EACH CUT.
3. AFTER ROOTS ARE CLEANLY CUT, THE AREA SHOULD BE BACKFILLED WITH SUITABLE MATERIAL (TO BE APPROVED BY LANDSCAPE ARCHITECT) TO PREVENT DESICCATION.
4. WHERE APPROPRIATE, THE TREES SHALL UNDERGO AN OVERALL PRUNING TO RESTORE TREE APPEARANCE AND / OR RESTORE THE BALANCE BETWEEN TOP GROWTH AND ROOTS. DO NOT PRUNE LEADERS.

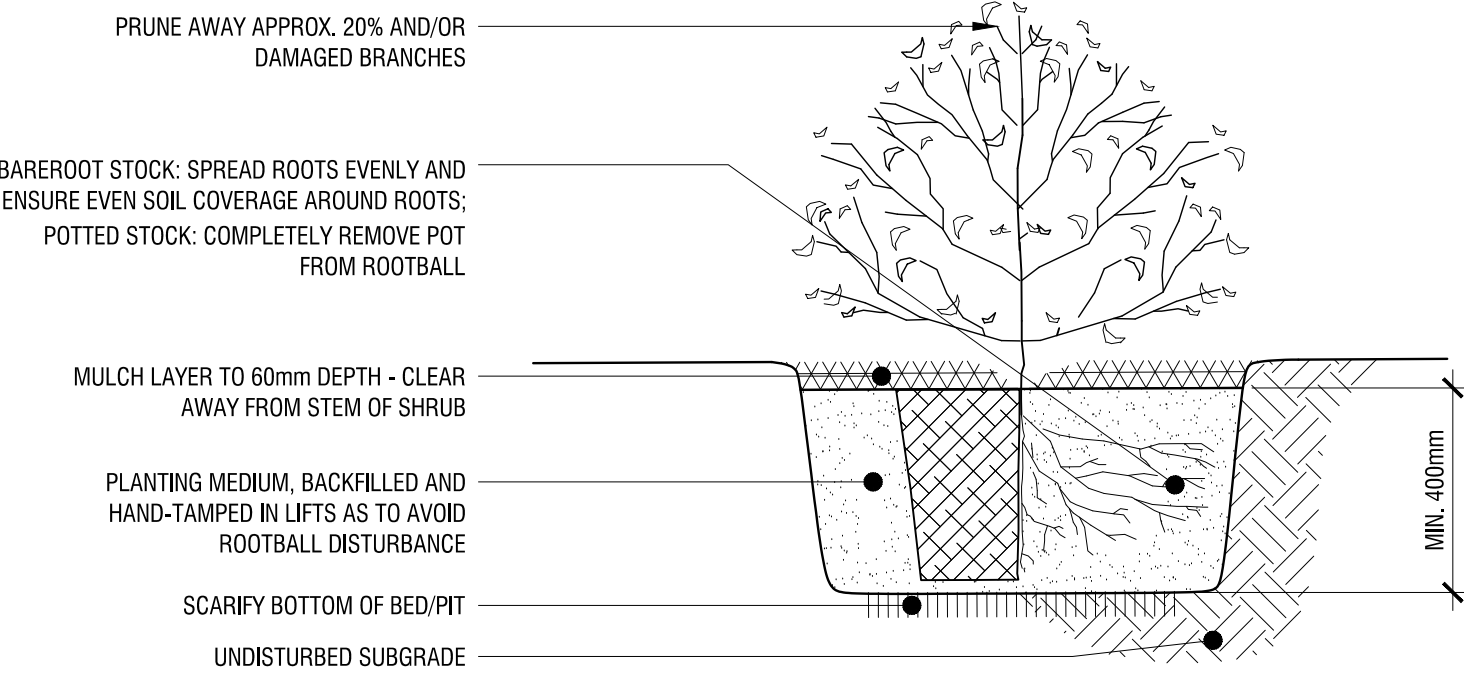
1 TREE PROTECTION AND ROOT PRUNING DETAIL

L2 n.t.s.



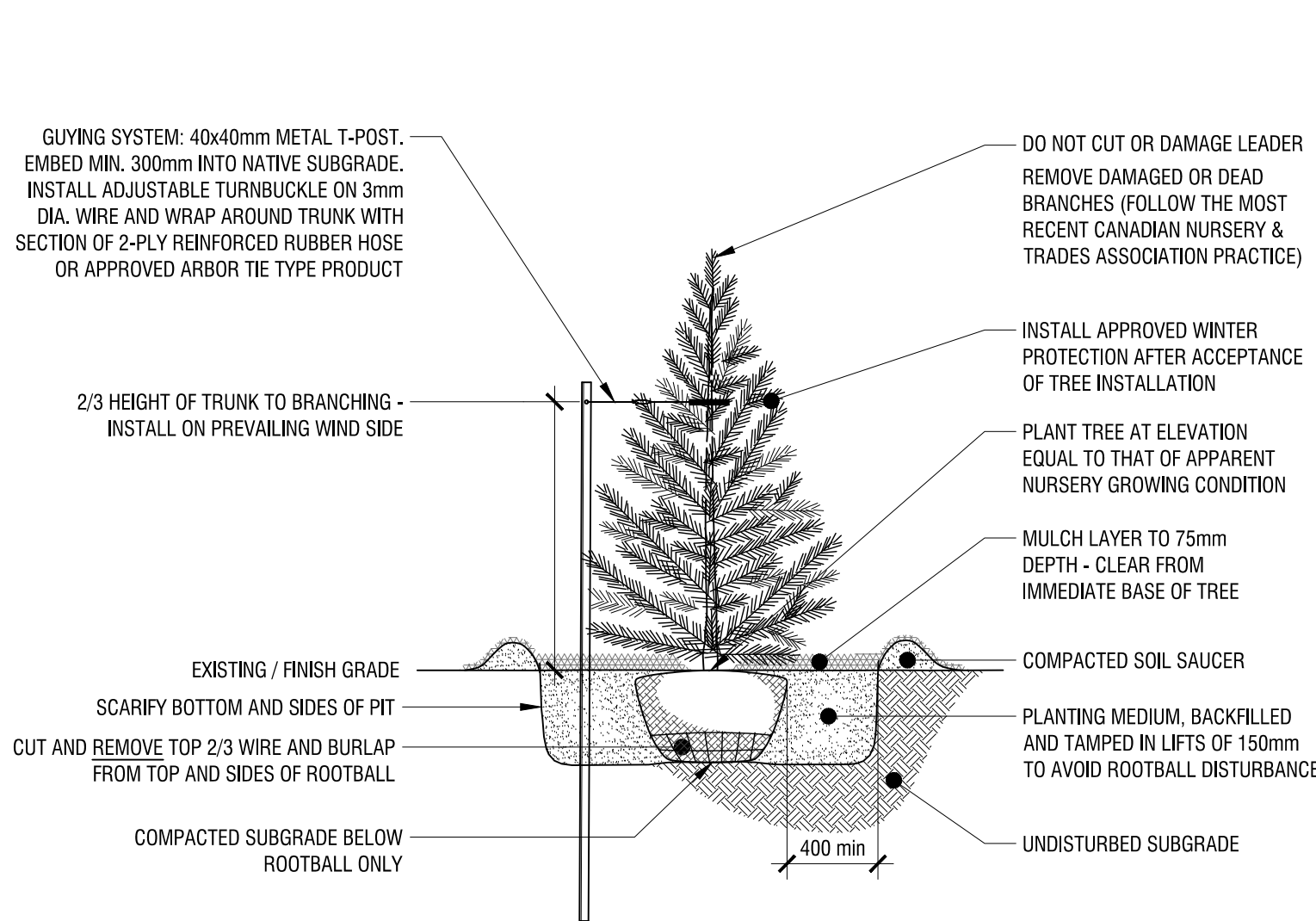
2 DECIDUOUS TREE PLANTING DETAIL

L2 n.t.s.



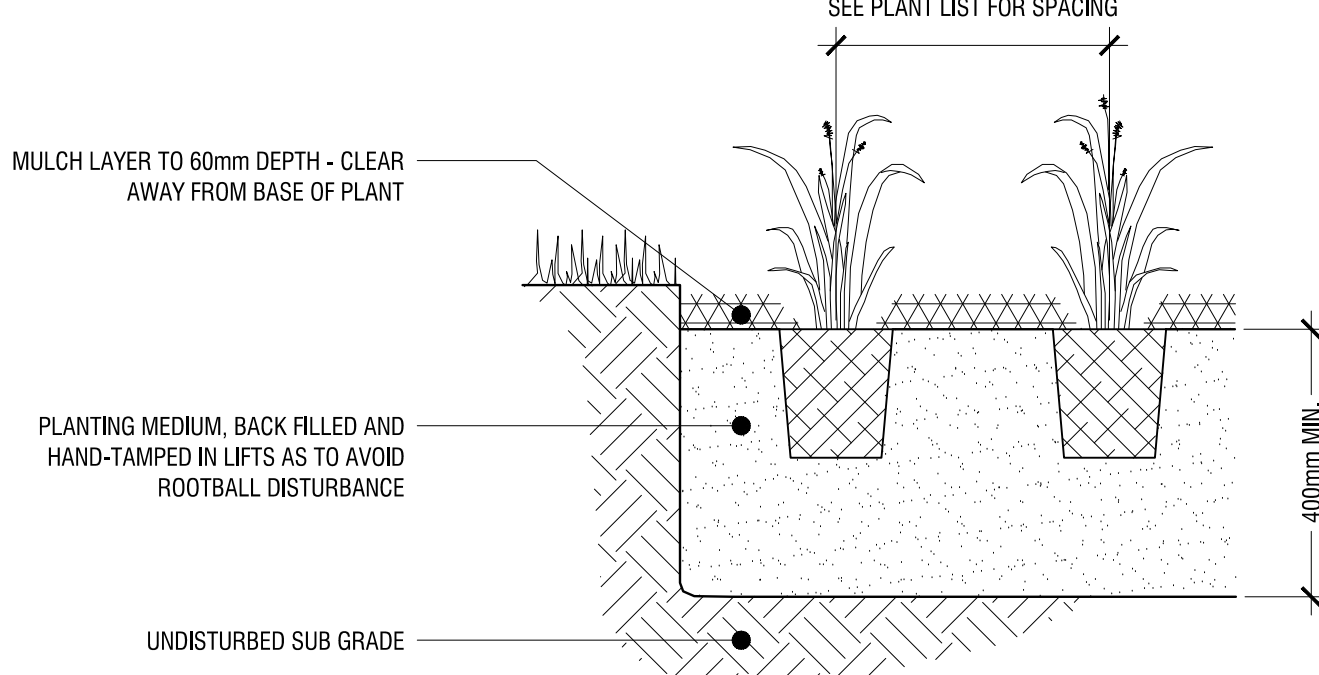
4 SHRUB PLANTING DETAIL

L2 n.t.s.



3 CONIFEROUS TREE PLANTING DETAIL

L2 n.t.s.



5 PERENNIAL PLANTING DETAIL

L2 n.t.s.

| PLANTING SCHEDULE | | | | |
|-------------------|------|---|--|-------------------------------|
| KEY | QTY. | BOTANICAL NAME | COMMON NAME | SIZE / CONDITION / SPACING |
| DECIDUOUS TREES | | | | |
| ARA | 4 | Acer rubrum 'Autumn Spire' | Autumn Spire Red Maple | 70mm cal. / W.B. |
| AF | 1 | Acer rubrum 'freemanii' | Freeman's Maple | 70mm cal. / W.B. |
| CC | 6 | Carpinus caroliniana | Blue Beech (aka Musciewood, Ironwood,) | 50mm cal. / W.B. |
| CO | 3 | Celtis occidentalis | Common Hackberry | 70mm cal. / W.B. |
| GT | 0 | Gleditsia triacanthos var. inermis 'Skycolor' | Skyline Honeylocust | 70mm cal. / W.B. |
| MA | 4 | Malus 'Harvest Gold' | Crabapple | 70mm cal. / W.B. |
| OV | 2 | Ostrya virginiana | Ironwood (American Hophornbeam) | 50mm cal. / W.B. |
| QR | 2 | Quercus rubra | Red Oak | 70mm cal. / W.B. |
| SA | 1 | Sorbus americana | American Mountain Ash | 60mm cal. / W.B. |
| UM | 2 | Ulmus 'Morton Glossy' | Triumph Elm | 70mm cal. / W.B. |
| CONIFEROUS TREES | | | | |
| PG | 3 | Picea glauca | White Spruce | 175cm ht. / W.B. |
| PO | 3 | Picea omorika | Serbian Spruce | 175cm ht. / W.B. |
| PP | 4 | Picea pungens | Colorado Spruce | 175cm ht. / W.B. |
| PS | 6 | Pinus strobus | Eastern White Pine | 175cm ht. / W.B. |
| TO | 14 | Thuja occidentalis | Eastern White Cedar | 175 cm ht. / clump, field dug |
| TOE | 57 | Thuja occidentalis 'Emerald' ('Smaragd') | Emerald Green Cedar | 175cm ht. / W.B. |

| PLANTING SCHEDULE | | | | |
|----------------------|------|--|----------------------------|---|
| KEY | QTY. | BOTANICAL NAME | COMMON NAME | SIZE / CONDITION / SPACING |
| DECIDUOUS SHRUBS | | | | |
| Cs | 31 | Cornus sericea | Red Osier Dogwood | 100cm ht. / specimen quality / 175cm sp. |
| Csf | 36 | Cornus sericea 'flaviramea' | Yellow Twig Dogwood | 100cm ht. / specimen quality / 175cm sp. |
| Pta | 104 | Potentilla fruticosa 'Abbotswood' | Abbotswood Potentilla | #2 pot / 45cm. sp. |
| Ptf | 117 | Potentilla fruticosa 'Farren' | Golddrop Potentilla | #2 pot / 45cm. sp. |
| Ra | 118 | Ribes alpinum | Alpine Currant | #3 Pot / 150cm sp. |
| Rr | 16 | Rosa rugosa 'alba' | White Japanese Rose | #3 Pot / 100cm sp. |
| Sb | 141 | Spiraea bumalda 'Anthony Waterer' | Anthony Waterer Spirea | 50cm ht. / 75cm sp. |
| Sv | 6 | Spiraea vanhouttei | Bridalwreath Spirea | 50cm ht. / 2.4m sp. |
| EVERGREEN SHRUBS | | | | |
| Jc | 9 | Juniperus chinensis 'Mountbatten' | Mountbatten Juniper | 100cm ht. / specimen quality / 1.5m spacing |
| Pm | 56 | Pinus mugo var. pumilio | Dwarf Mugo Pine | #3 Pot / 1.5m sp. |
| PERENNIALS & GRASSES | | | | |
| Ama | 225 | Armeria maritima 'Alba' | Sea Thrift | 10" Pot / 20cm o.c. |
| Amr | 250 | Armeria maritima 'Rubrifolia' | Red-leaved Sea Thrift | 10" Pot / 20cm o.c. |
| Cak | 65 | Calamagrostis acutiflora 'Karl Foerster' | Feather Reed Grass | #2 Pot / 50cm o.c. |
| Cao | 83 | Calamagrostis acutiflora 'Overdam' | Overdam Feather Reed Grass | #2 Pot / 50cm o.c. |
| He | 157 | Hemerocallis 'Stella de Oro' | Stella D'Oro Daylily | #1 Pot / 45cm o.c. |
| Ms | 56 | Miscanthus sinensis 'Huron Sunrise' | Huron Sunrise Maiden Grass | #2 Pot / 75cm o.c. |
| Pvn | 137 | Panicum virgatum 'Northwind' | Northwind Switch Grass | #2 Pot / 70cm sp. |
| Pvs | 106 | Panicum virgatum 'Shenandoah' | Red Switch Grass | #2 Pot / 70cm sp. |

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Client / Client



general notes / notes générales

legend / légende

| rev'n | description / la description | mm/dd/yyyy |
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stamp / le cachet



project / projet

KANATA LAKES PLAZA

drawing / dessin

CONSTRUCTION DETAILS

| designed / conçu | drawn / dessiné | reviewed / examiné |
|--------------------------------|--------------------------------|--------------------|
| DF/SP | SP/DF | DF |
| date | project number / No. du projet | |
| February 2018 | G 17-18 | |
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L2 of 2

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