

LEGEND PROPERTY LINE ##Ó EXISTING TREES TO BE PRESERVED --- × --- PROPOSED CHAINLINK FENCE EXISTING TREES TO BE REMOVED AND REPLACED ELSEWHERE PROPOSED C.I.P. CONCRETE TRANSPLANTED TREE PROPOSED ASPHALT PROPOSED SOD PROPOSED PLANTING PROPOSED STONEDUST PATH ---- TREE PROTECTION FENCE

PREPOSED EWF PROPOSED REFORESTATION AREA

PLAN TO BE READ IN CONJUNCTION WITH 'TREE CONSERVATION REPORT FOR 700 SPRING VALLEY, OTTAWA ON' JULY 08, 2024 BY Andrew K. Boyd, Certified Arborist #ON-0496A, IFS Associates.

| | Plant List | | | | | |
|---------|------------|-----|--|-----------------------------|--------------|------------|
| Origin | ID | Qty | Botanical Name | Common Name | Scheduled Si | Remarks |
| | | 28 | LARGE DECIDUOUS TREES | | | |
| Ntv | As | 5 | Acer saccharum | Sugar Maple | 70mm caliper | WB, Staked |
| Ntv | Со | 9 | Celtis occidentalis | Common Hackberry | 60mm caliper | WB, Staked |
| Ntv | Cov | 2 | Carya ovata | Shagbark Hickory | 60mm caliper | WB, Staked |
| Non Ntv | GbAG | 3 | Ginkgo biloba 'Autumn Gold' | Autumn Gold Maidenhair Tree | 70mm caliper | WB, Staked |
| Ntv | Qm | 5 | Quercus macrocarpa | Burr Oak | 70mm caliper | WB, Staked |
| Ntv | Qr | 4 | Quercus rubra | Northern Red Oak | 70mm caliper | WB, Staked |
| | | 12 | LARGE COLUMNAR DECIDUOUS TREES | | | |
| Ntv H | ArAS | 2 | Acer rubrum 'Autumn Spire' | Autumn Spire Red Maple | 60mm caliper | WB, Staked |
| Ntv | CoPS | 3 | Celtis occidentalis 'Prairie Sentinel' | Prairie Sentinel Hackberry | 70mm caliper | WB, Staked |
| Ntv | GtD | 7 | Gleditsia triacanthos inermis 'Draves' | Streetkeeper Honeylocust | 70mm caliper | WB, Staked |
| | | 25 | MEDIUM DECIDUOUS TREES | | | |
| Ntv | Ag | 4 | Aesculus glabra | Ohio Buckeye | 50mm caliper | WB, Staked |
| Ntv | Вр | 2 | Betula papyrifera | Paper Birch, Canoe Birch | 60mm caliper | WB, Staked |
| Non N | MD | 3 | Malus 'Dolgo' | Malus Dolgo | 60mm caliper | WB Staked |
| Ntv | Ov | 3 | Ostrya virginiana | Ironwood | 50mm caliper | WB, Staked |
| Ntv | Sd | 4 | Sorbus Americana | Mountain Ash | 45mm caliper | WB, Staked |
| Ntv | Та | 3 | Tilia americana | Basswood | 70mm cal. | WB, Staked |
| Non Ntv | UF | 6 | Ulmus minor x parvifolia 'Frontier' | Frontier Elm | 70mm caliper | WB, Staked |

| | | 4 | SMALL DECIDUOUS TREES | | | |
|-----|------|----|---------------------------------------|--------------------------------------|--------------|------------|
| Ntv | CcgC | 4 | Crataegus crus-galli inermis 'Cruzam' | Thornless Crusader Cockspur Hawthorn | 45mm caliper | WB, Staked |
| | | 18 | CONIFEROUS TREES | | | |
| Ntv | Ab | 4 | Abies balsamea | Balsam Fir | 200 cm ht | WB, Staked |
| Ntv | Pg | 7 | Picea glauca | White Spruce | 200 cm ht | WB, Staked |
| Ntv | Pr | 2 | Pinus resinosa | Red Pine | 200cm ht | WB, Staked |
| Ntv | Ps | 5 | Pinus strobus | Eastern White Pine | 200 cm ht. | WB, Staked |

TREES UNDER CITY OWNERSHIP = 12

UNDER PRIVATE OWNERSHIP = 71

| Shrubs | | | | | | |
|------------|-----|--|--------------------|----------|--------|--|
| ТоН | 62 | Thuja occidentalis 'Holmstrup' | Holmstrup Cedar | 125cm ht | Potted | |
| Perennials | | | | | | |
| Hs | 84 | Helictrochon semperverens | Ornamental Oats | 3 year | Potted | |
| CaKF | 111 | Calamagrostis x acutiflora 'Karl Foerster' | Feather Reed Grass | 3 year | Potted | |

SITE SERVICING ELEMENTS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY. SEE CIVIL DRAWINGS FOR SITE SERVICING / GRADING.

THIS PLAN IS ISSUED FOR SITE PLAN CONTROL SUBMISSION ONLY. ADDITIONAL DETAILING AND SPECIFICATIONS ARE REQUIRED PRIOR TO TENDERING AND CONS.





GENERAL NOTES

.1 All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the Consultant for unknown subsurface

.2 The location of the utilities is approximate only, and the exact location should be determined by consulting the Contractor shall prove the location of utilities and shall be

municipal authorities and utility companies concerned. The responsible for adequate protection from damage. .3 All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the

layouts as shown on this plan without prior consultation with

the Landscape Architect and Owner. .4 Obtain approval of Landscape Architect for granular base and layout of all pavement areas prior to construction. .5 Stake planting locations and receive approval of Landscape Architect, prior to excavation of any planting pits. No substitutions of plant material shall be made without prior

approval of the Landscape Architect. .6 Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.

.7 All sodded areas to receive a minimum of 150mm of topsoil over graded sub-base. If sod with mesh is used, mesh to be removed completely during sodding operations. Sod shall come from an approved source and shall be laid within 24 hours of being cut in the nursery. Only nursery sod shall be used.

.8 Final subgrade is to approved by the Landscape Architect prior to sod being laid.

.9 Maintain positive surface runoff through the entire

.10 Reinstate all areas and items damaged as a result of construction activities.

| | 04 | Issued for SPC | 2024/12/06 |
|--|-----|-----------------------------|------------|
| | 03 | Issued for Permit | 2024/12/04 |
| | 02 | Issued for SPC Coordination | 2024/09/09 |
| | 01 | Preliminary landscape plan | 2024/06/12 |
| | no. | revision | date |

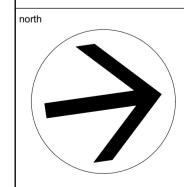
N45 ARCHITECTURE INC.

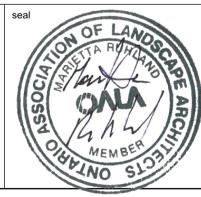
tel. 613.224.0095

Ruhland & Associates Ltd

SPRING VALLEY ELEMENTARY SCHOOL OTTAWA-CARLETON DISTRICT SCHOOL BOARD

799 Spring Valley Drive, Ottawa, ON K2J 6E6





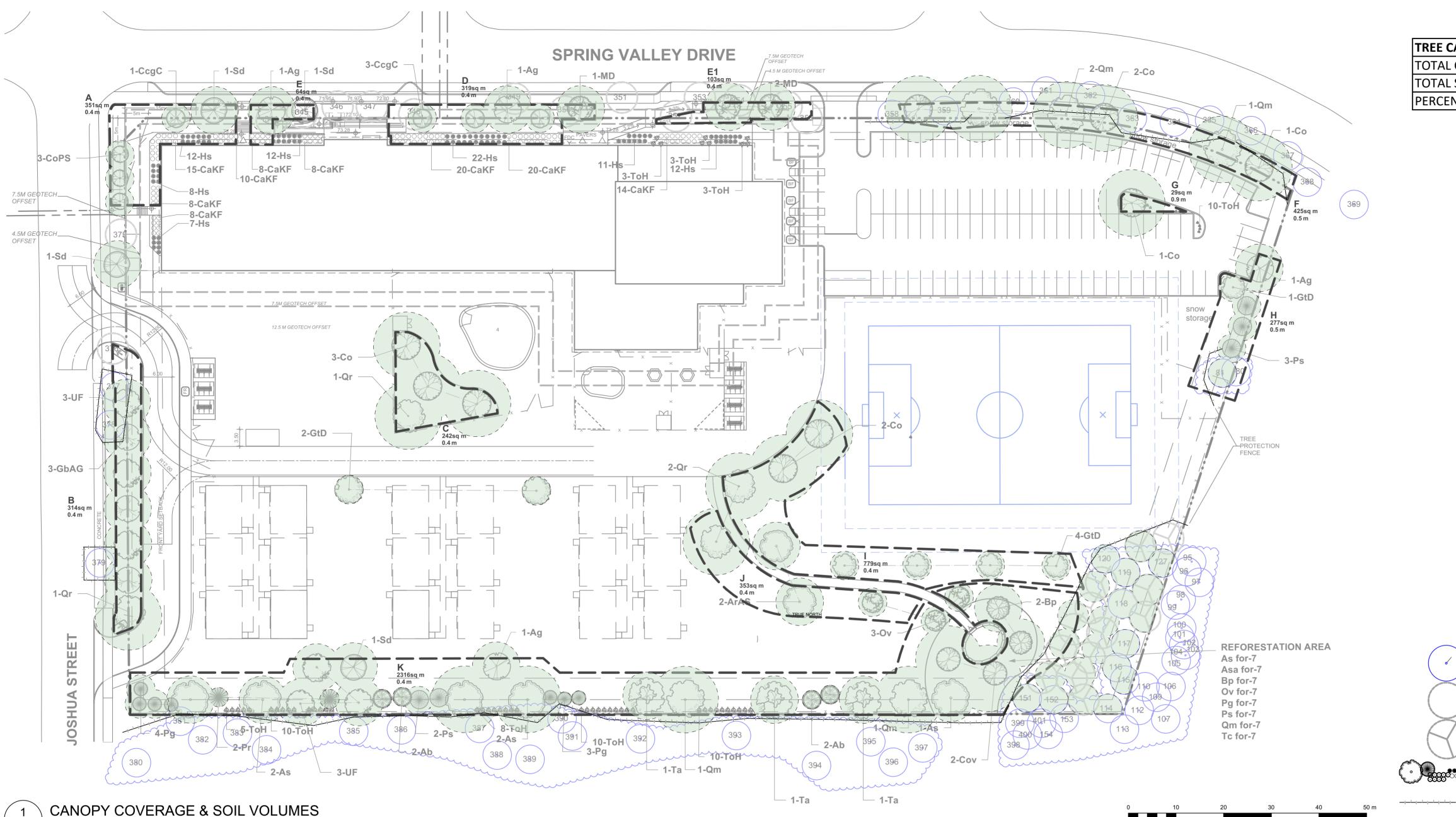
LANDSCAPE / PLANTING PLAN

| scale | drawn by |
|----------------|----------------|
| 1:400 | D.A. |
| date | checked by |
| | M.R. |
| project number | drawing number |

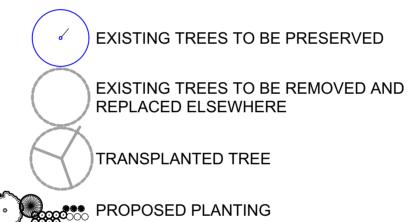
CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES

BEFORE WORK COMMENCES.

DO NOT SCALE DRAWINGS



| TREE CANOPY COVERA | GE | |
|--------------------|--------|---|
| TOTAL CANOPY AREA | 6471 | m |
| TOTAL SITE AREA | 28345 | m |
| PERCENT COVERAGE | 22.83% | |

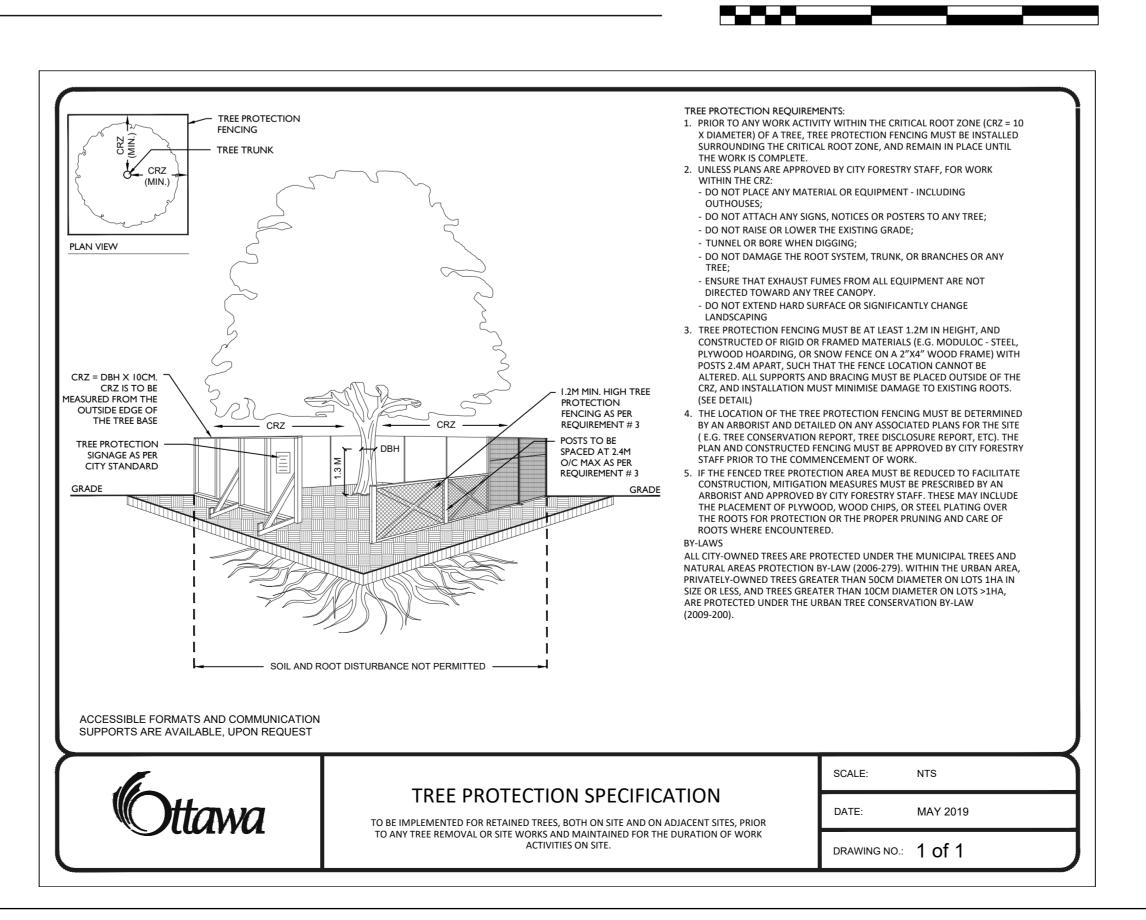


TREE PROTECTION FENCE

| Soil Volume Area, Tree Quantity and Size | Tree Quantity | OTTAWA Target Soil Volume (m³) | Design Soil Volume | Soil Adequacy percentage |
|--|---------------|--------------------------------------|-----------------------|-----------------------------|
| AREA A - 1 Medium, 1 Small, 3 L - Columnar Trees | | | | |
| plant bed (351 sq m x 0.4 ave metre deep) | 5 | 87.0 | 140.4 | 161% |
| AREA B - 1 Large, 6 Medium, 2 Ex. Trees | | | | |
| plant bed (314 sq m x 0.4 ave metre deep) | 8 | 144.0 | 125.6 | 87% |
| AREA C - 4 Large Trees | | | | |
| plant bed (242 sq m x 0.4 ave metre deep) | 4 | 72.0 | 96.8 | 134% |
| AREA D - 3 Small, 2 Medium Trees | | | | |
| plant bed (319 sq m x 0.4 ave metre deep) | 4 | 66.0 | 127.6 | 193% |
| AREA E - 1 Medium Tree | | | | |
| plant bed (61 sq m x 0.7 ave metre deep) | 2 | 36.0 | 42.7 | 119% |
| AREA E1 - 2 Medium Trees | | | | |
| plant bed (103 sq m x 0.4 ave metre deep) | 2 | 36.0 | 41.2 | 114% |
| AREA F - 6 Large, 3 Ex. Trees | | | | |
| plant bed (425 sq m x 0.4 ave metre deep) | 6 | 108.0 | 170.0 | 157% |
| AREA G - 1 Large Tree | | | | |
| plant bed (29.5 sq m x 1.2ave metre deep) | 1 | 30.0 | 35.4 | 118% |
| AREA H - 2 Medium Trees, 3 Conifers | | | | |
| plant bed (277 sq m x 0.4ave metre deep) | 5 | 90.0 | 110.8 | 123% |
| AREA I - 4 Large, 4 Medium Trees | | | | |
| plant bed (779 sq m x 0.4ave metre deep) | 17 | 306.0 | 311.6 | 102% |
| AREA J - 1 Large, 2 Medium Trees | | | | |
| plant bed (353 sq m x 0.4ave metre deep) | 3 | 54.0 | 141.2 | 261% |
| AREA K - 8 Large, 13 Medium Trees, 13 Con. | | | | |
| plant bed (2316 sq m x 0.4ave metre deep) | 28 | 504.0 | 926.4 | 184% |

L-02 Scale: 1:500

* Smaller columnar trees, small ornamental trees with growth to 8-15cm DBH, large shrubs, and columnar conifers calculated using 'How much soil to grow a big tree' by DeepRoot as a guide





GENERAL NOTES

.1 All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the Consultant for unknown subsurface

.2 The location of the utilities is approximate only, and the exact location should be determined by consulting the Contractor shall prove the location of utilities and shall be

municipal authorities and utility companies concerned. The responsible for adequate protection from damage. .3 All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the

layouts as shown on this plan without prior consultation with the Landscape Architect and Owner. .4 Obtain approval of Landscape Architect for granular base and layout of all pavement areas prior to construction. .5 Stake planting locations and receive approval of Landscape Architect, prior to excavation of any planting pits.

No substitutions of plant material shall be made without prior approval of the Landscape Architect. .6 Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method

.7 All sodded areas to receive a minimum of 150mm of topsoil over graded sub-base. If sod with mesh is used, mesh to be removed completely during sodding operations. Sod shall come from an approved source and shall be laid within 24 hours of being cut in the nursery. Only nursery sod shall be used.

.8 Final subgrade is to approved by the Landscape Architect prior to sod being laid.

.9 Maintain positive surface runoff through the entire construction period.

approved by Landscape Architect.

.10 Reinstate all areas and items damaged as a result of construction activities.

| 04 | Issued for SPC | 2024/12/06 |
|-----|-----------------------------|------------|
| 03 | Issued for Permit | 2024/12/04 |
| 02 | Issued for SPC Coordination | 2024/09/09 |
| 01 | Preliminary landscape plan | 2024/06/12 |
| no. | revision | date |

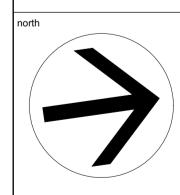
N45 ARCHITECTURE INC.

tel. 613.224.0095

Ruhland & Associates Ltd

SPRING VALLEY ELEMENTARY SCHOOL OTTAWA-CARLETON DISTRICT SCHOOL BOARD

799 Spring Valley Drive, Ottawa, ON K2J 6E6



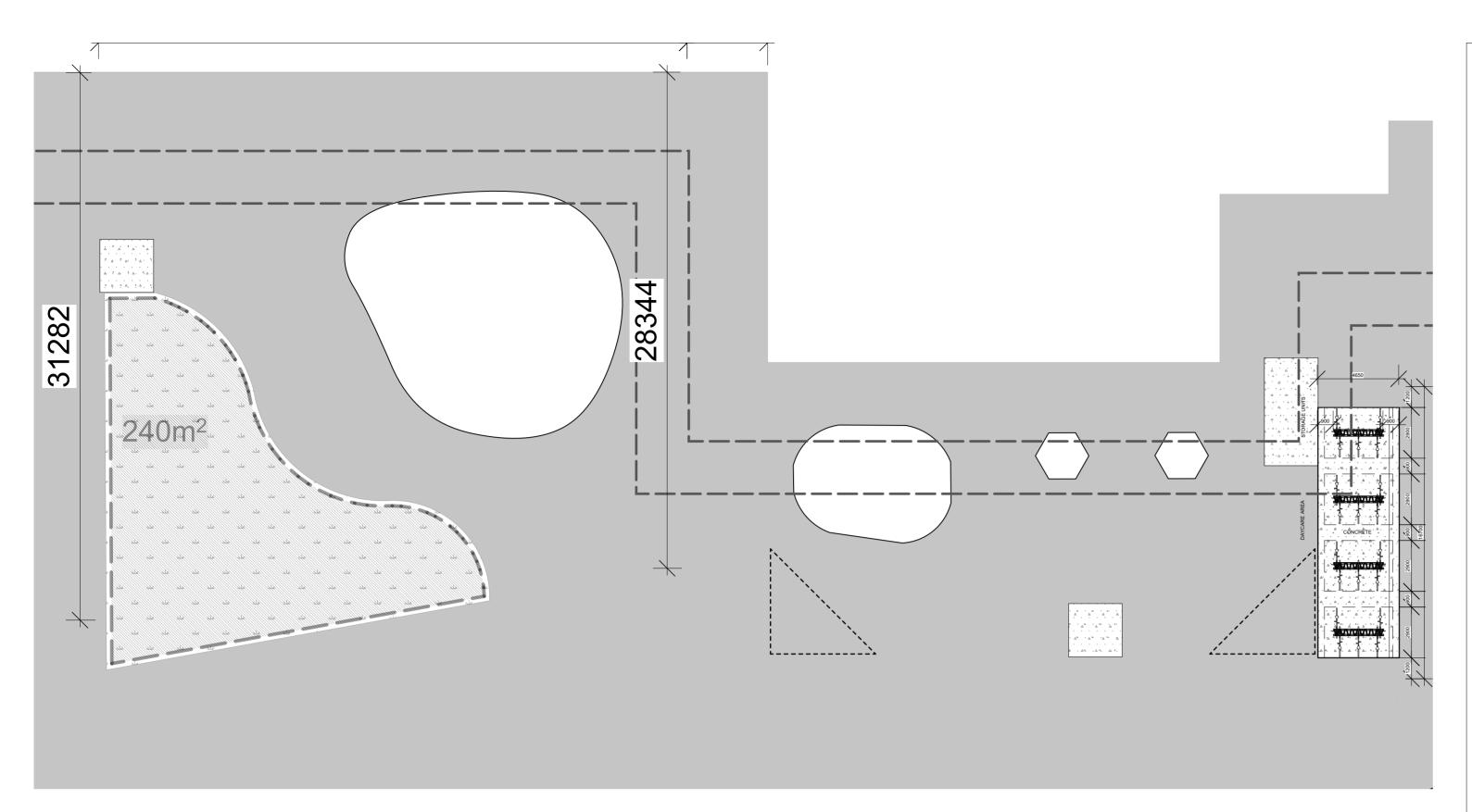


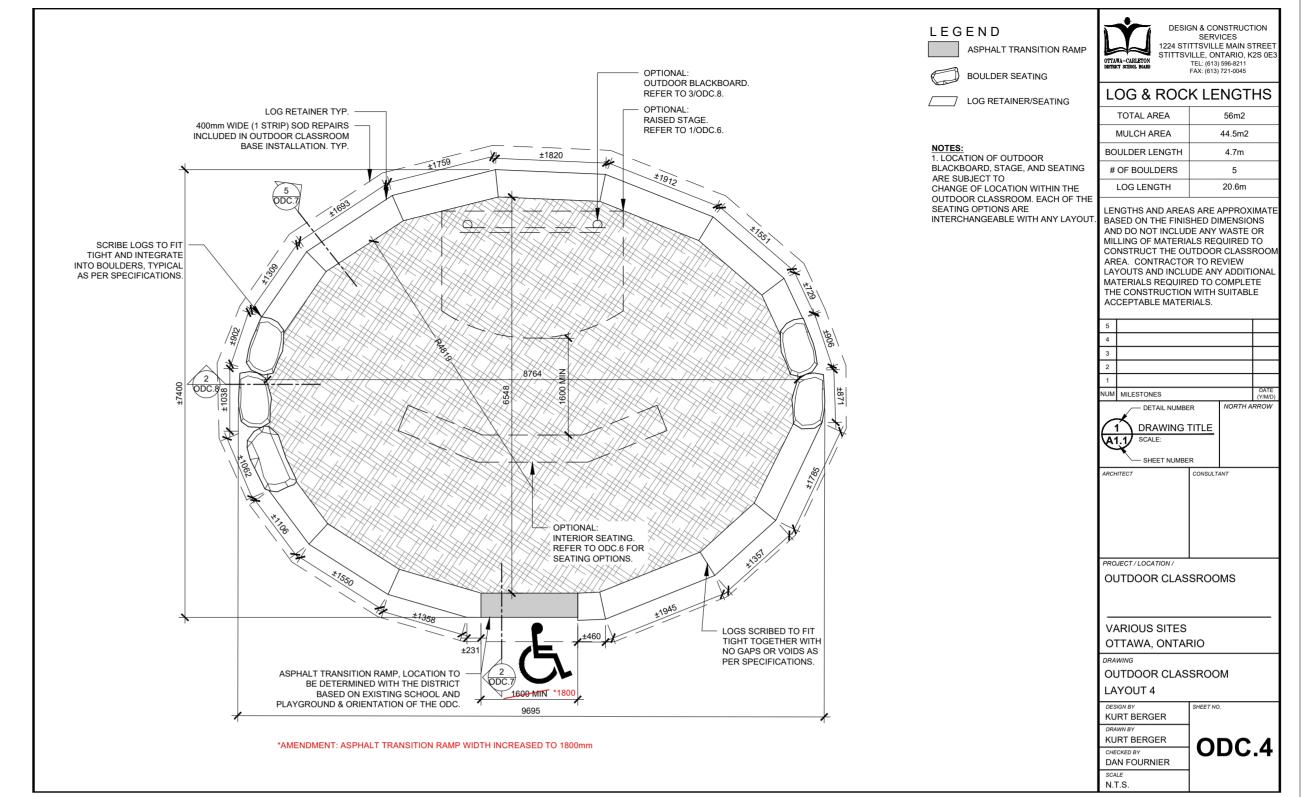
CANOPY COVERAGE & SOIL VOLUMES

| scale 1:500 | drawn by D.A. |
|----------------|-----------------|
| date | checked by M.R. |
| project number | drawing number |

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.

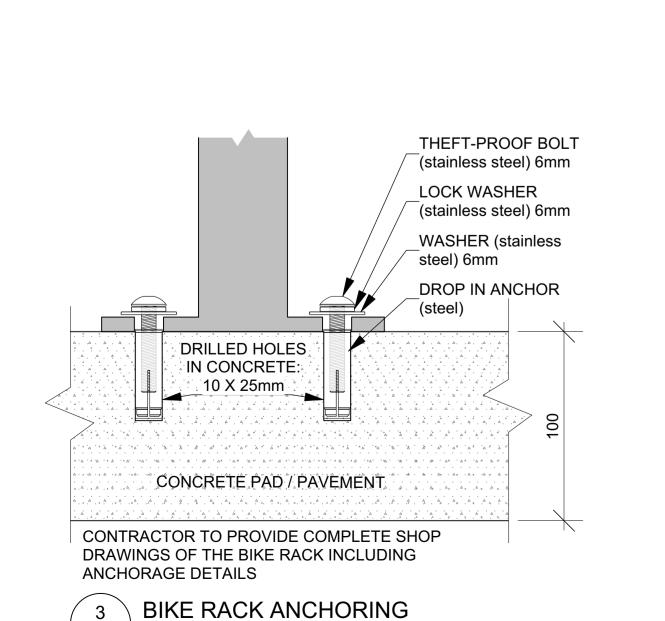
DO NOT SCALE DRAWINGS



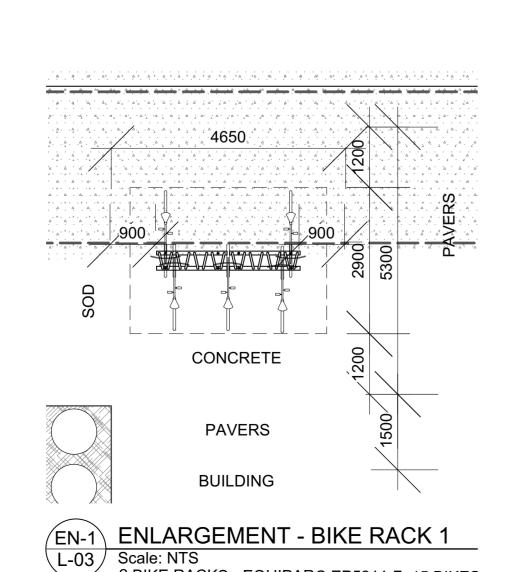


ENKEARCENTENTARDAREDAREDANED KINDERGARTEN AREAS L-03 Scale: NTS

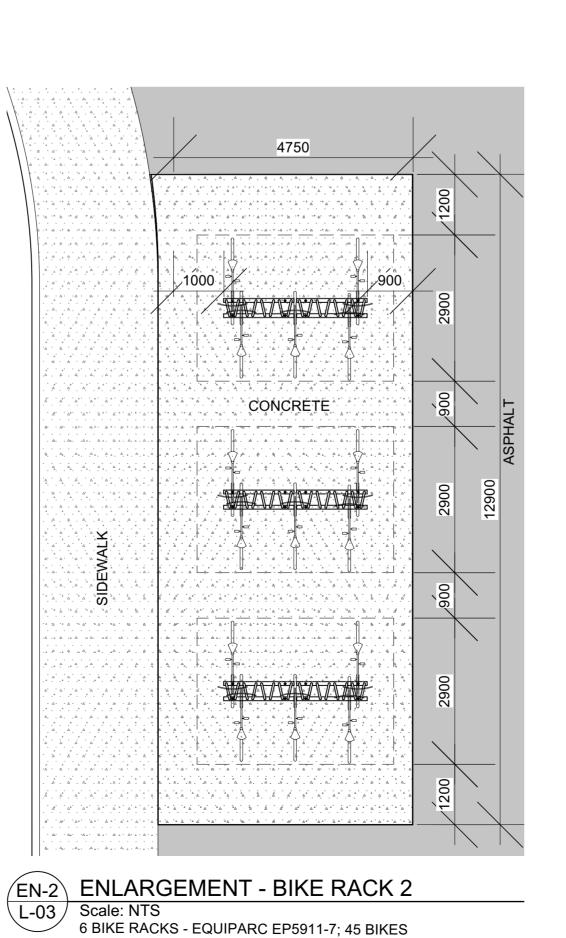
2 OUTDOOR CLASSROOM L-03 Scale: NTS

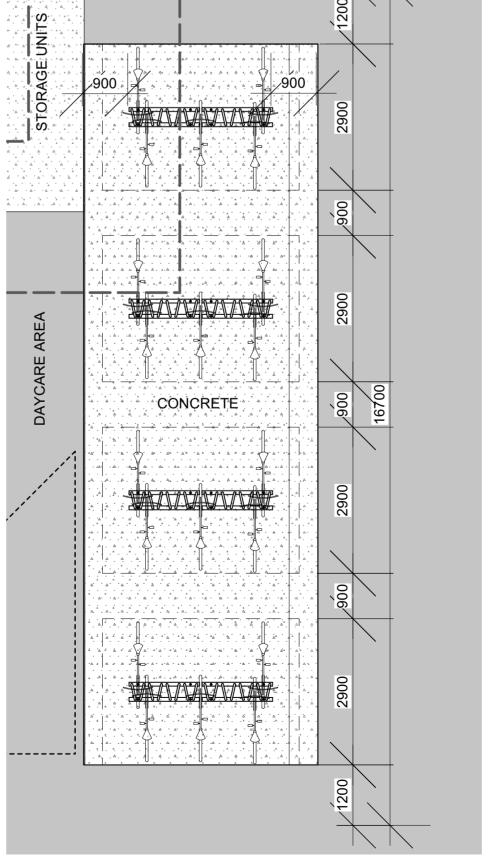


L-03 Scale: NTS



2 BIKE RACKS - EQUIPARC EP5911-7; 15 BIKES





L-03 Scale: NTS 8 BIKE RACKS - EQUIPARC EP5911-7; 60 BIKES

EN-3 ENLARGEMENT - BIKE RACK 3



GENERAL NOTES

.1 All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the Consultant for unknown subsurface

.2 The location of the utilities is approximate only, and the exact location should be determined by consulting the

municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage. .3 All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the

layouts as shown on this plan without prior consultation with the Landscape Architect and Owner. .4 Obtain approval of Landscape Architect for granular base and layout of all pavement areas prior to construction. .5 Stake planting locations and receive approval of Landscape Architect, prior to excavation of any planting pits.

No substitutions of plant material shall be made without prior approval of the Landscape Architect. .6 Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.

.7 All sodded areas to receive a minimum of 150mm of topsoil over graded sub-base. If sod with mesh is used, mesh to be removed completely during sodding operations. Sod shall come from an approved source and shall be laid within 24 hours of being cut in the nursery. Only nursery sod shall be used.

.8 Final subgrade is to approved by the Landscape Architect prior to sod being laid.

.9 Maintain positive surface runoff through the entire

construction period. .10 Reinstate all areas and items damaged as a result of

construction activities.

| 04 | Issued for SPC | 2024/12/06 |
|-----|-----------------------------|------------|
| 03 | Issued for Permit | 2024/12/04 |
| 02 | Issued for SPC Coordination | 2024/09/09 |
| 01 | Preliminary landscape plan | 2024/06/12 |
| no. | revision | date |

N45 ARCHITECTURE INC.

tel. 613.224.0095

Ruhland & Associates Ltd

SPRING VALLEY ELEMENTARY SCHOOL OTTAWA-CARLETON DISTRICT SCHOOL BOARD

799 Spring Valley Drive, Ottawa, ON K2J 6E6

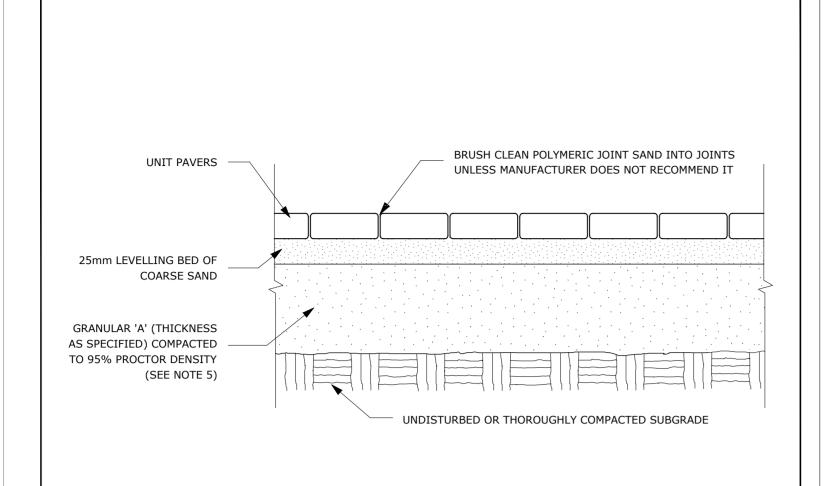


LANDSCAPE DETAILS

| | scale | drawn by D.A. |
|--|----------------|-----------------|
| | date | checked by M.R. |
| | project number | drawing number |
| | N45 - | |

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.

DO NOT SCALE DRAWINGS



THE UNIT PAVERS

THE SETTLING OF THE JOINT SAND

RECOMMENDED BY GEOTECHNICAL INVESTIGATION

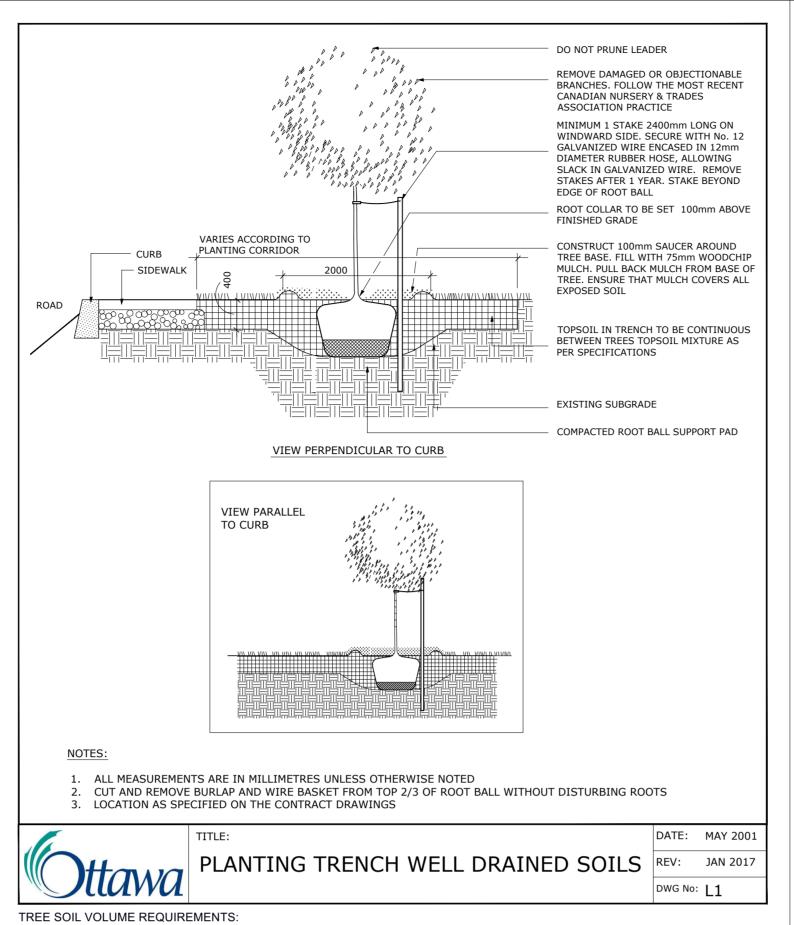
- 1. THE LEVELING COURSE (BEDDING SAND) SHALL BE PLACED LOOSE, IN A UNIFORM LAYER AT A MAXIMUM DEPTH OF 25mm TO ACHIEVE THE FINAL COMPACTED THICKNESS AND GRADE AS SPECIFIED
- 2. INSTALL SOLID EDGE RESTRAINT BETWEEN UNIT PAVERS AND ANY SOFT SURFACE (SOD, PLANTING BED, ETC.)
- 3. UNIT PAVERS ARE THEN PLACED ON TOP OF THE LEVELING COURSE AND ADDITIONAL SAND SWEPT BETWEEN
- 4. THE UNIT PAVERS ARE THEN VIBRATED INTO PLACE WITH A VIBRA-PLATE AND WATER IS ADDED TO ASSIST IN
- 5. GRANULAR 'A' DEPTH TO BE 100mm FOR PEDESTRIAN AREAS AND 150mm FOR VEHICULAR ACCESSES. OR AS
- 6. USE OF THIS DETAIL REQUIRES THE PRIOR APPROVAL OF THE GENERAL MANAGER

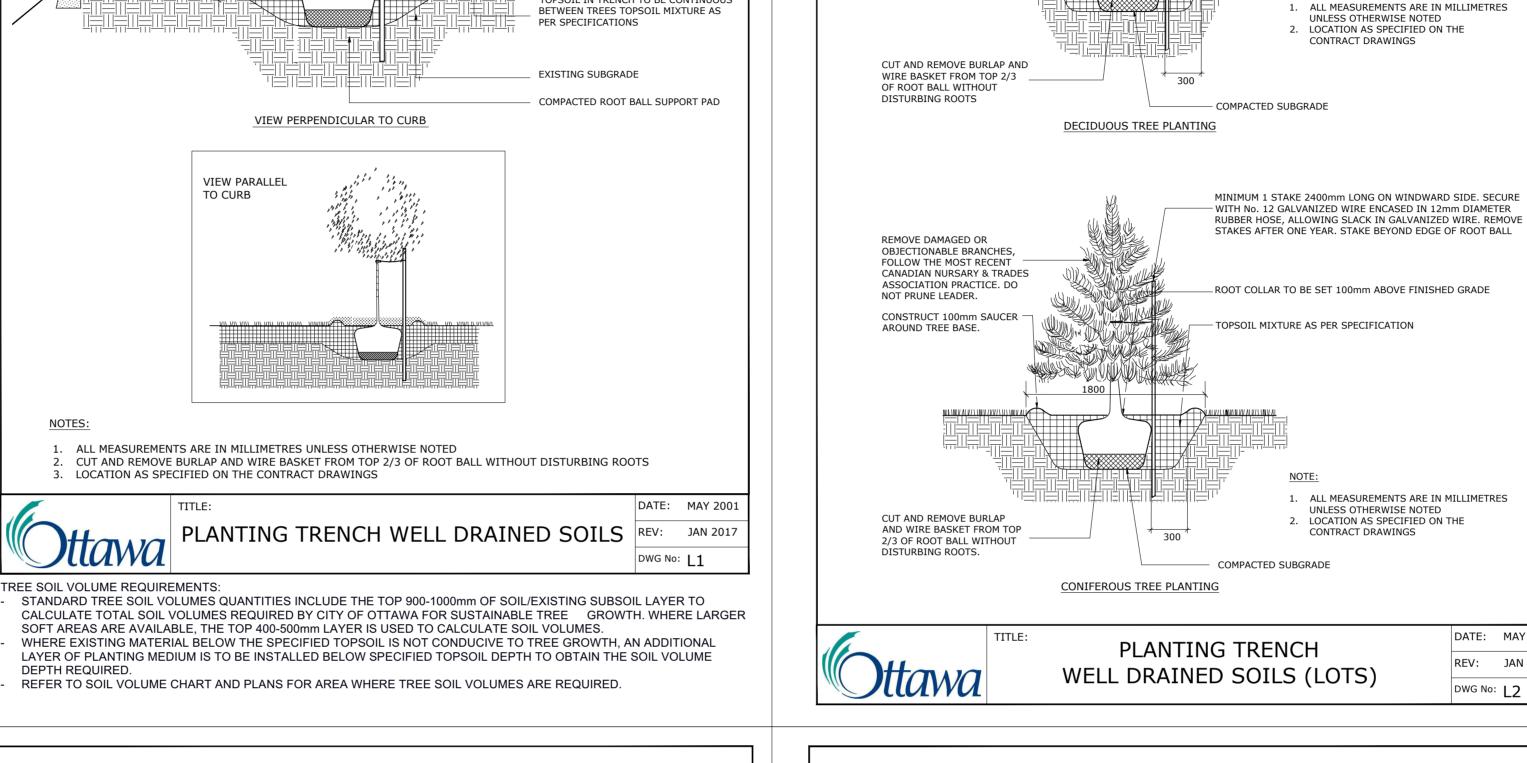


UNIT PAVING - ON GRANULAR BASE

DATE: MAY 2001 REV: FEB 2016 DWG No: SC9

ADDITIONAL NOTES FOR NUMBER 5: PRECAST PAVERS IN PEDESTRIAN AREAS WHERE NORMAL SNOW REMOVALS ARE DONE IS TO RECEIVE A MINIMUM 200mm GRANULAR 'A'. FURTHER ADJUSTMENTS TO BE SPECIFIED IN RELATION TO SITE CONDITIONS AND GEOTECHNICAL RECOMMENDATIONS.





REMOVE DAMAGED OR OBJECTIONABLE

MINIMUM 1 STAKE 2400mm LONG ON WINDWARD SIDE. SECURE

WITH No. 12 GALVANIZED WIRE ENCASED IN 12mm DIAMETER

STAKES AFTER ONE YEAR. STAKE BEYOND EDGE OF ROOT BALL

ROOT COLLAR TO BE SET 100mm ABOVE FINISHED GRADE

- APPLY APPROVED PLASTIC

DATE: MAY 2001

REV: JAN 2017

RODENT GUARD 450mm MINIMUM

TOPSOIL MIXTURE AS PER SPECIFICATION

RUBBER HOSE, ALLOWING SLACK IN GALVANIZED WIRE, REMOVE

BRANCHES, FOLLOW THE MOST

RECENT CANADIAN NURSERY &

DO NOT PRUNE LEADER

REMOVE AFTER PLANTING

AROUND TREE BASE

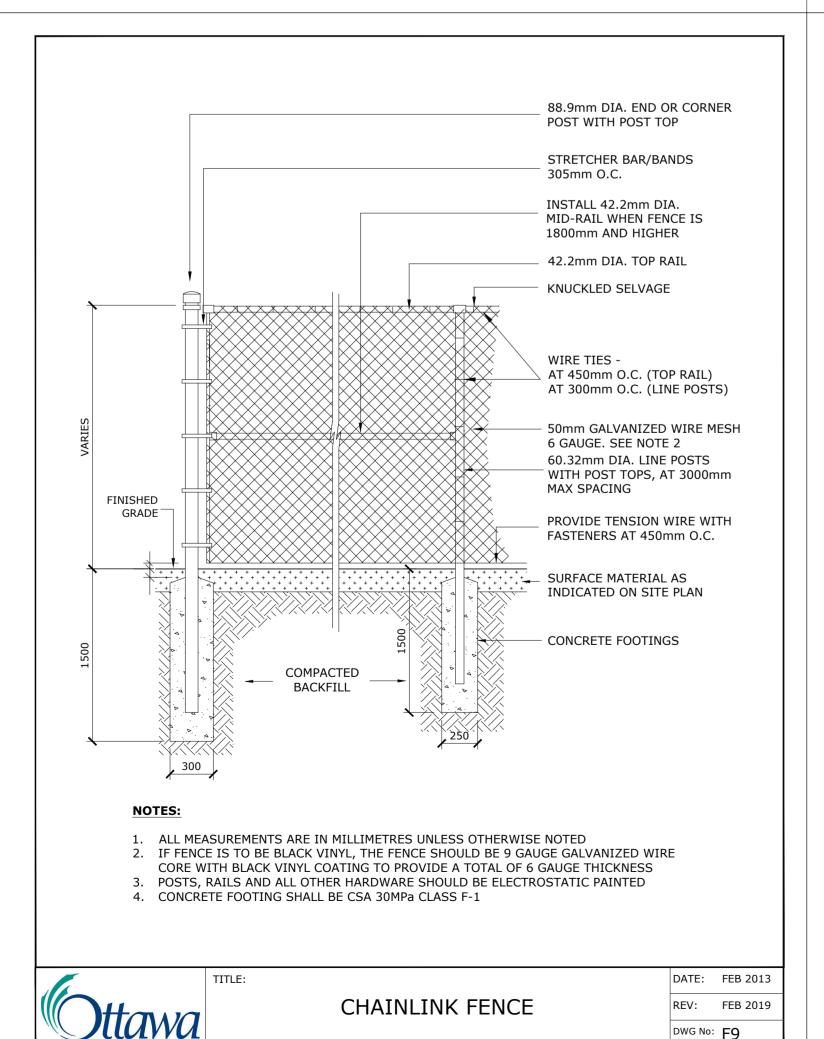
BRANCHES.

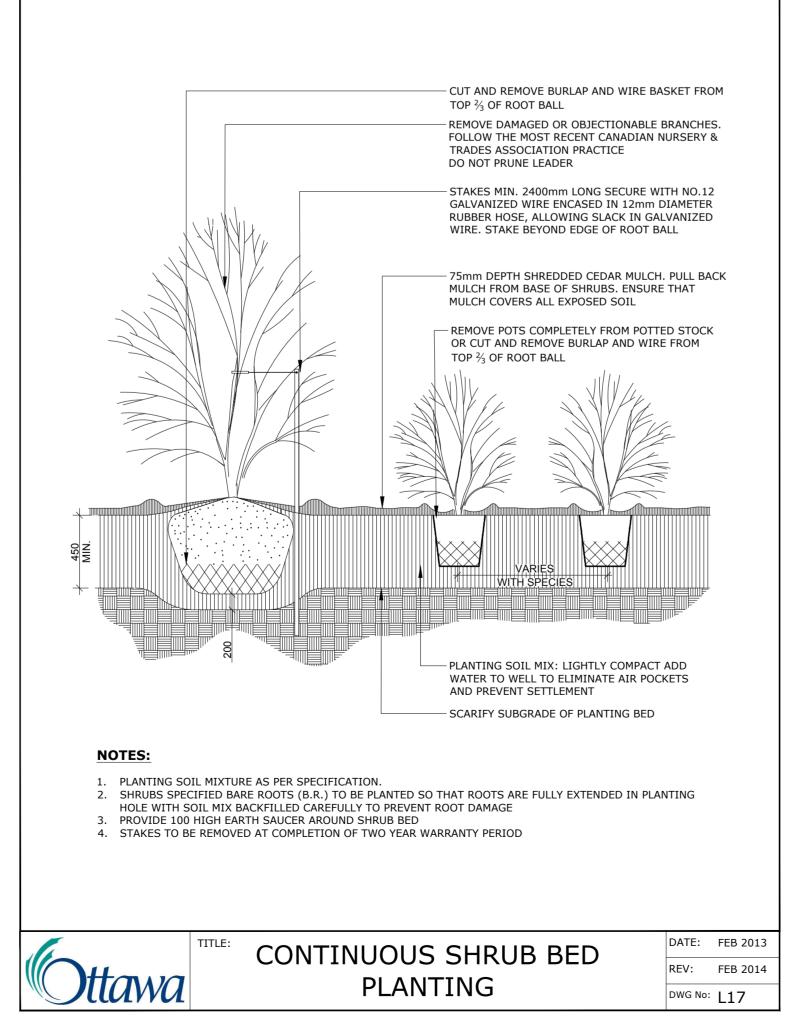
TRADES ASSOCIATION PRACTICE.

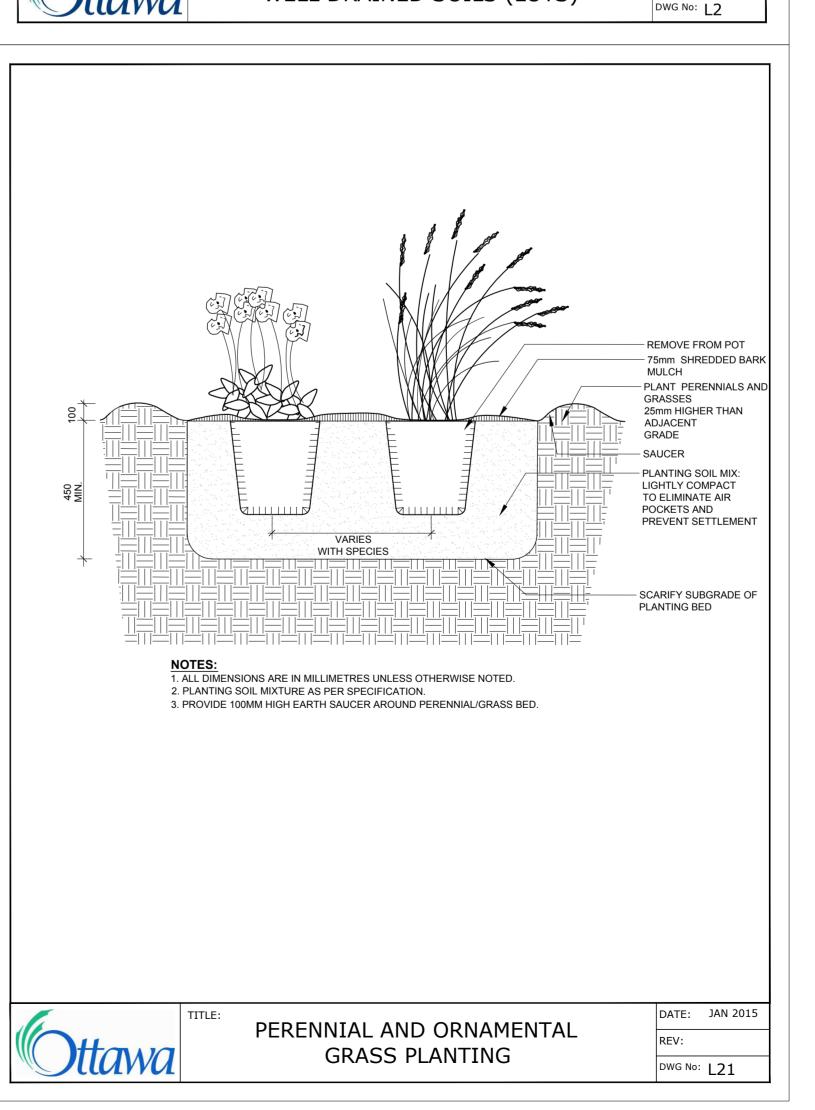
TREE WRAP APPLIED SPIRALLY FROM

GROUND UP TO HEIGHT OF SECOND -

CONSTRUCT 100mm SAUCER —









GENERAL NOTES

.1 All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the Consultant for unknown subsurface

.2 The location of the utilities is approximate only, and the exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

.3 All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the layouts as shown on this plan without prior consultation with

the Landscape Architect and Owner. .4 Obtain approval of Landscape Architect for granular base and layout of all pavement areas prior to construction. .5 Stake planting locations and receive approval of Landscape Architect, prior to excavation of any planting pits. No substitutions of plant material shall be made without prior approval of the Landscape Architect.

.6 Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.

.7 All sodded areas to receive a minimum of 150mm of topsoil over graded sub-base. If sod with mesh is used, mesh to be removed completely during sodding operations. Sod shall come from an approved source and shall be laid within 24 hours of being cut in the nursery. Only nursery sod shall be used.

.8 Final subgrade is to approved by the Landscape Architect prior to sod being laid.

.9 Maintain positive surface runoff through the entire

construction period. .10 Reinstate all areas and items damaged as a result of

construction activities.

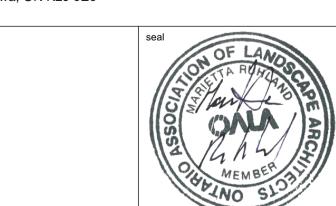
| 04 | Issued for SPC | 2024/12/0 |
|-----|-----------------------------|-----------|
| 03 | Issued for Permit | 2024/12/0 |
| 02 | Issued for SPC Coordination | 2024/09/0 |
| 01 | Preliminary landscape plan | 2024/06/1 |
| no. | revision | date |

tel. 613.224.0095

Ruhland & Associates Ltd

SPRING VALLEY ELEMENTARY SCHOOL OTTAWA-CARLETON DISTRICT SCHOOL BOARD

799 Spring Valley Drive, Ottawa, ON K2J 6E6



LANDSCAPE DETAILS

| scale | D.A. |
|----------------|----------------|
| date | checked by |
| | M.R. |
| project number | drawing number |
| N45 - | |
| | _ L-04 |
| DA 04.474 | |

| RA | 24-1743 CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.

DO NOT SCALE DRAWINGS