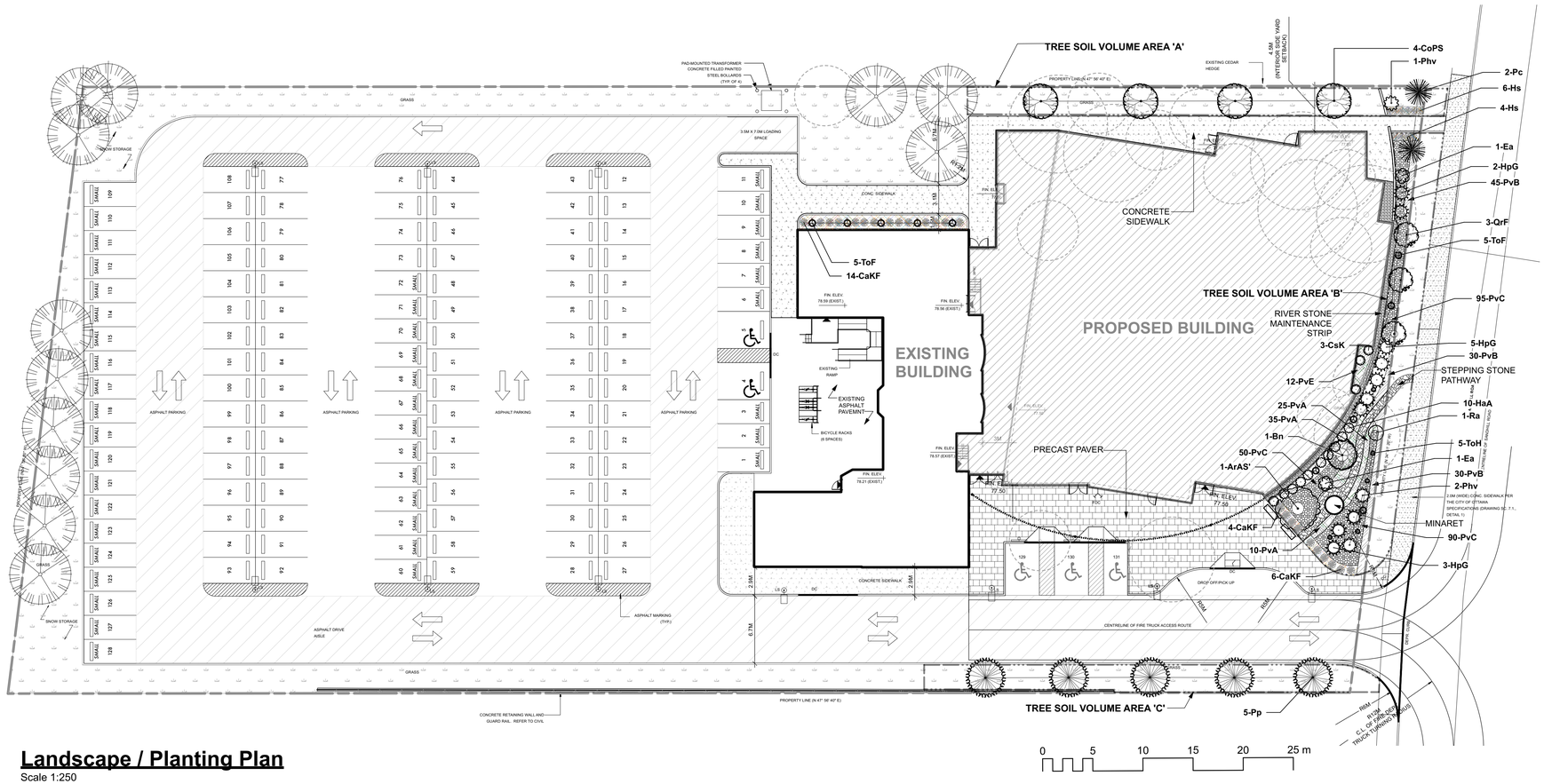

Landscape / Planting Plan

Scale 1:250

Plant List

ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
	16	**TREES**			
ArAS'	1	Acer rubrum 'Autumn Spire'	Red Maple	70mm caliper	WB, Staked
Bn	1	Betula nigra	River Birch Multi	40mm caliper	WB, Staked
CoPS	4	Celtis occidentalis 'Prairie Sentinel'	Prairie Sentinel Hackberry	60mm caliper	WB, Staked
Pp	5	Picea pungens	Colorado Spruce	200cm ht	WB, Staked
Pc	2	Pinus cembra	Swiss Stone Pine	125cm ht	W.B. Staked
QrF	3	Quercus robur 'Fastigiata'	Pyramidal English Oak	50mm caliper	WB, Staked
	34	**SHRUBS**			
CsK	3	Cornus sericea 'Kelseyi'	Kelsey's Dwarf Red-Osier Dogwood	50cm ht	
Ea	2	Euonymus alatus	Winged Burning Bush	2 gallon pot	
HaA	10	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	2 gallon pot	
HpG	10	Hydrangea paniculata 'Grandiflora'	Peegee Hydrangea	60cm ht	
Phv	3	Philadelphus x virginalis	Mock Orange	60mm dia.	WB Staked
Ra	1	Rhus aromatica	Fragrant Sumac	50cm ht.	
ToH	5	Thuja occidentalis 'Holmstrup'	Holmstrup Cedar	125cm ht	
	34	**ORNAMENTAL GRASSES**			
CaKF	24	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gal.	1 gallon pot
Hs	10	Helictrochon semperverens	Ornamental Oats	3 year	1 gallon pot
	372	**PERENNIALS**			
PvA	70	Low sun perennial mix at winding path		150mm pot	
PvB	55	Low sun mix, front of bed		150mm pot	
PvC	235	Mid height sun perennial mix		150mm pot	
PvE	12	Shade perennial mix, planter		150mm pot	

Perennial types: *(invasives such as miscanthus or purple loosestrife are not to be planted)*

PvA: Low sun perennial mix at winding path - <30cm ht: Pink Moss Phlox, Sunsparkler Blue Elf Sedum, Creeping Thyme Dragon's Blood Sedum, Creeping Speedwell

PvB: Low sun perennial mix at front of bed - <30cm ht: Silvermound Artemisia, Yellow Hardy Ice Plant, Candytuft, Dragon's Blood Stonecrop, Red Creeping Thyme

PvC: Flowering perennial mix for sun <125cm ht, minimum 5 species: Purple Coneflower var, Daylily var (red / yellow), Gayfeather var (white), Siberian Iris var (blue), Rudbeckia (orange), Spiked Speedwell (pink / white), Russian Sage

PvD: Perennials for shade mix, <125cm ht: Astilbe var (white, cream), Hosta var, Hellebore var (ivory, pink), Plantain Lily var, Ostrich Fern

PvE: Perennials for planter <100cm ht: Fern spp., Canada Columbine, Rodgersia pinnata 'Elegans' (pink/yellow), Columbine-leafed Meadowrue, Hosta var,

Tree Soil Volume Matrix

Soil Volume Area, Tree Quantity and Size	Tree Quantity	OTTAWA Target Soil Volume (m^3)	Design Soil Volume	Soil Adequacy percentage
AREA A - 4 columnar trees, 1 conifer				
plant bed (135 sq m x 0.45 metre deep)	5	51.0	60.8	119.12%
AREA B - 1 medium tree, 4 columnar trees, 1 conifer				
plant bed (250 sq m x 0.45 metre deep)	6	66.0	112.5	170.45%
AREA C - 5 conifers				
plant bed (120 sq m x 0.6 metre deep)	5	75.0	72.0	96.00%

LISA STERN
PLANNER
PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By Lisa Stern at 9:52 am, Sep 15, 2022

Legend

- PROPERTY LINE
- CONCRETE PAVEMENT
- PRECAST UNIT PAVEMENT
- RIVER STONE MAINTENANCE STRIP
- STEPPING STONE PATHWAY
- SOD
- TREE SOIL VOLUME AREA
- EXISTING TREES TO REMAIN
- EXISTING TREES TO REMOVE

NOTE:
THIS PLAN IS ISSUED FOR SITE PLAN CONTROL SUBMISSION ONLY. ADDITIONAL DETAILING AND SPECIFICATIONS ARE REQUIRED PRIOR TO TENDERING OR CONSTRUCTION.

REFER TO CIVIL DRAWINGS FOR SITE SERVICING AND GRADING.

EXISTING TREE REMOVAL / CONSERVATION NOTE:

REFER TO PREVIOUS LANDSCAPE PLANS FROM 2019 BY LASHLEY + ASSOCIATES, FILE # D07-12-17-0119 FOR ORIGINAL TREE INVENTORIES, REMOVAL AND CONSERVATION.

REFER ALSO TO THE AMENDMENTS TO TREE CONSERVATION FILE # D06-01-17-0137 BY RUHLAND & ASSOCIATES DATED DECEMBER 11, 2019, ADDRESSED TO MR. MARK RICHARDSON.

owner
Kanata Mosque
351 Sandhill Road
Kanata, ON

architect
Studio Senbel, a+d inc.
#125-1085 East Kent Ave. N
vancouver, b.c. V5X 4Y9
t: 604.605.6995 f: 604.605.6993
sws@studiosenbel.com

landscape architect
Ruhland & Associates Ltd
landscape architecture • urban design • site planning
Ph 613-224-4744 Fx 613-224-1131 info@rala.ca www.rala.ca

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 conditions.
.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 the Consultant(s) 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 Maintain positive surface runoff through the entire construction period.
.8 Reinstate all areas and items damaged as a result of construction activities.

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1	Issued for Site Plan Control	2022/02/18	AA
NUMBER/ NUMERO	MILESTONE / FAIT SAILLANT	DATE: (Y/M/D) (A/M/J)	INITIALS INITIALES

DESIGNED BY / CONCU PAR: AA / MR
CHECKED BY / VERIFIE PAR: MR
DRAWN BY / DESSINE PAR: TF
SCALE / ECHELLE: 1:250

ARCHITECT

CONSULTANT
ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO — MARIETTA RUHLAND — OALA MEMBER

CONSULTANT

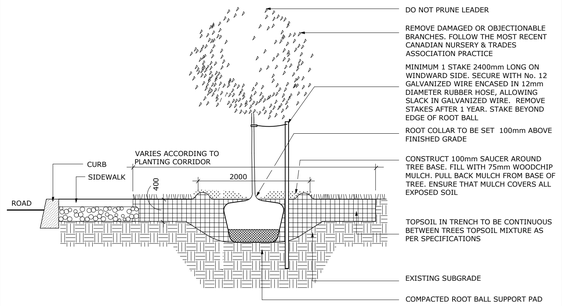
CONSULTANT

PROJECT / LOCATION
KANATA MOSQUE PHASE 2
351 SANDHILL ROAD,
OTTAWA, ONTARIO

DRAWING
LANDSCAPE / PLANTING PLAN

PROJECT NO. 21-1664

SHEET NO. **L - 01**



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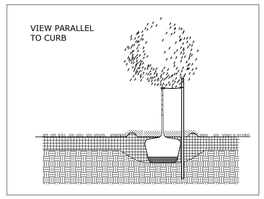
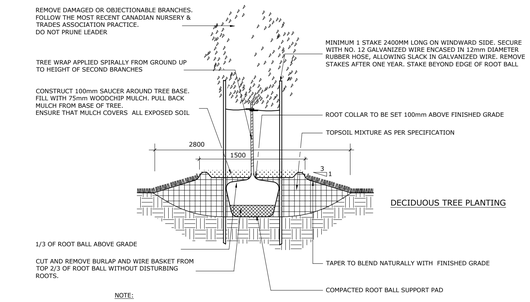


NOTES:

1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CUT AND REMOVE BURLAP AND WIRE BASKET FROM TOP 2/3 OF ROOT BALL WITHOUT DISTURBING ROOTS
3. LOCATION AS SPECIFIED ON THE CONTRACT DRAWINGS

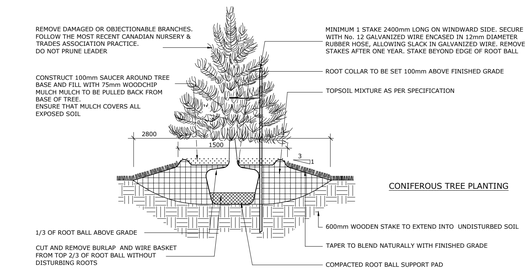
Ottawa	TITLE: PLANTING TRENCH WELL DRAINED SOILS	DATE: MAY 2001 REV: JAN 2017 DWG No: L1



DECIDUOUS TREE PLANTING

NOTE:

1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
2. USE TREE SPECIES TOLERANT TO POORLY DRAINED SOIL CONDITIONS
3. LOCATION AS SPECIFIED ON THE CONTRACT DRAWINGS

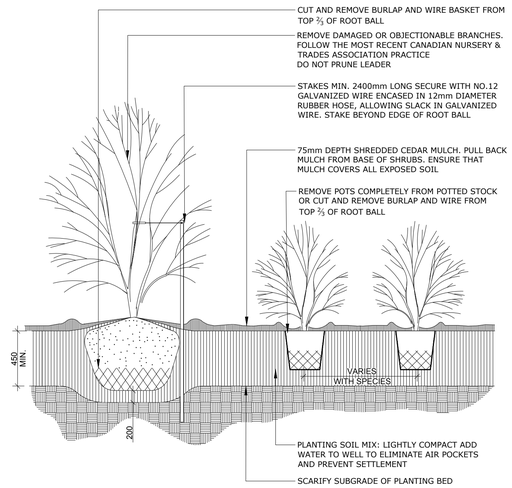


CONIFEROUS TREE PLANTING

NOTE:

1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
2. USE TREE SPECIES TOLERANT TO POORLY DRAINED SOIL CONDITIONS
3. LOCATION AS SPECIFIED ON THE CONTRACT DRAWINGS

Ottawa	TITLE: PLANTING PIT POORLY DRAINED SOILS	DATE: MAY 2001 REV: FEB 2017 DWG No: L6



NOTES:

1. PLANTING SOIL MIXTURE AS PER SPECIFICATION.
2. SHRUBS SPECIFIED BARE ROOTS (B.R.) TO BE PLANTED SO THAT ROOTS ARE FULLY EXTENDED IN PLANTING HOLE WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE
3. PROVIDE 100 HIGH EARTH SAUCER AROUND SHRUB BED
4. STAKES TO BE REMOVED AT COMPLETION OF TWO YEAR WARRANTY PERIOD

Ottawa	TITLE: CONTINUOUS SHRUB BED PLANTING	DATE: FEB 2013 REV: FEB 2014 DWG No: L17

NOTES:
TREES ARE TO BE INSTALLED AS PER CITY STANDARD DETAILS; SOIL VOLUME AS PER BELOW NOTES AND MATRIX ON SHEET L-01.

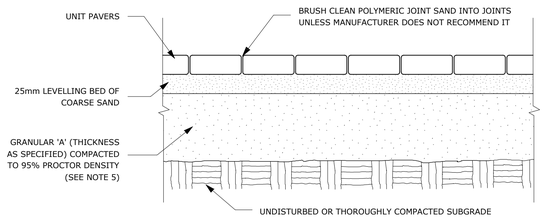
- STANDARD TREE SOIL VOLUMES QUANTITIES INCLUDE THE TOP 900-1000mm OF SOIL/EXISTING SUBSOIL LAYER TO CALCULATE TOTAL SOIL VOLUMES REQUIRED BY THE CITY OF OTTAWA FOR SUSTAINABLE TREE GROWTH. WHERE LARGER SOFT AREAS ARE AVAILABLE, THE TOP 400-500mm LAYER IS USED TO CALCULATE SOIL VOLUMES.

- WHERE EXISTING MATERIAL BELOW THE SPECIFIED TOPSOIL IS NOT CONDUCIVE TO TREE GROWTH, AN ADDITIONAL LAYER OF PLANTING MEDIUM IS TO BE INSTALLED BELOW SPECIFIED TOPSOIL DEPTH TO OBTAIN THE SOIL VOLUME DEPTH REQUIRED.

- REFER TO SOIL VOLUME MATRIX AND PLANS FOR AREA WHERE TREE SOIL VOLUMES ARE REQUIRED.

LISA STERN
PLANNER
PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By Lisa Stern at 9:52 am, Sep 15, 2022

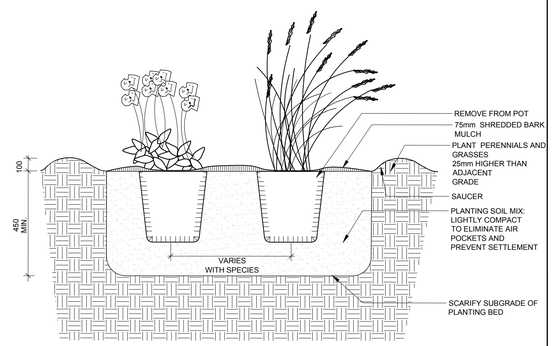


NOTES:

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 THE UNIT PAVERS
4. THE UNIT PAVERS ARE THEN VIBRATED INTO PLACE WITH A VIBRA-PLATE AND WATER IS ADDED TO ASSIST IN THE SETTLING OF THE JOINT SAND
5. GRANULAR 'A' DEPTH TO BE 100mm FOR PEDESTRIAN AREAS AND 150mm FOR VEHICULAR ACCESSES. OR AS RECOMMENDED BY GEOTECHNICAL INVESTIGATION
6. USE OF THIS DETAIL REQUIRES THE PRIOR APPROVAL OF THE GENERAL MANAGER

Ottawa	TITLE: 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.



NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. PLANTING SOIL MIXTURE AS PER SPECIFICATION.
3. PROVIDE 100MM HIGH EARTH SAUCER AROUND PERENNIAL/GRASS BED.

Ottawa	TITLE: PERENNIAL AND ORNAMENTAL GRASS PLANTING	DATE: JAN 2015 REV: DWG No: L21

owner
Kanata Mosque
351 Sandhill Road
Kanata, ON

architect
Studio Senbel, a+d inc.
#125-1085 East Kent Ave. N
vancouver, b.c. V5X 4V9
t: 604.605.6995 f: 604.605.6993
sws@studiosenbel.com

landscape architect
Ruhland & Associates Ltd
landscape architecture • urban design • site planning
Ph 613-224-4744 Fx 613-224-1131 info@rala.ca www.rala.ca

NUMBER/NUMÉRO	MILESTONE / FAIT SAILLANT	DATE: (Y/M/D) (A/M/J)	INITIALS INITIALES
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1	Issued for Site Plan Control	2022/02/18	AA

DESIGNED BY / CONCU PAR: AA / MR
CHECKED BY / VERIFIE PAR: MR
DRAWN BY / DESSINE PAR: TF
SCALE / ECHELLE:

ARCHITECT

CONSULTANT
ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO — MARIETTA RUHLAND — OALA — MEMBER

CONSULTANT

CONSULTANT

PROJECT / LOCATION
KANATA MOSQUE PHASE 2
351 SANDHILL ROAD,
OTTAWA, ONTARIO

DRAWING
LANDSCAPE DETAILS

PROJECT NO.: 21-1664

SHEET NO.: **L - 02**