



OTTAWA - CARLETON DISTRICT SCHOOL BOARD

NOTE:

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 CONSTRUCTION.

LEGEND

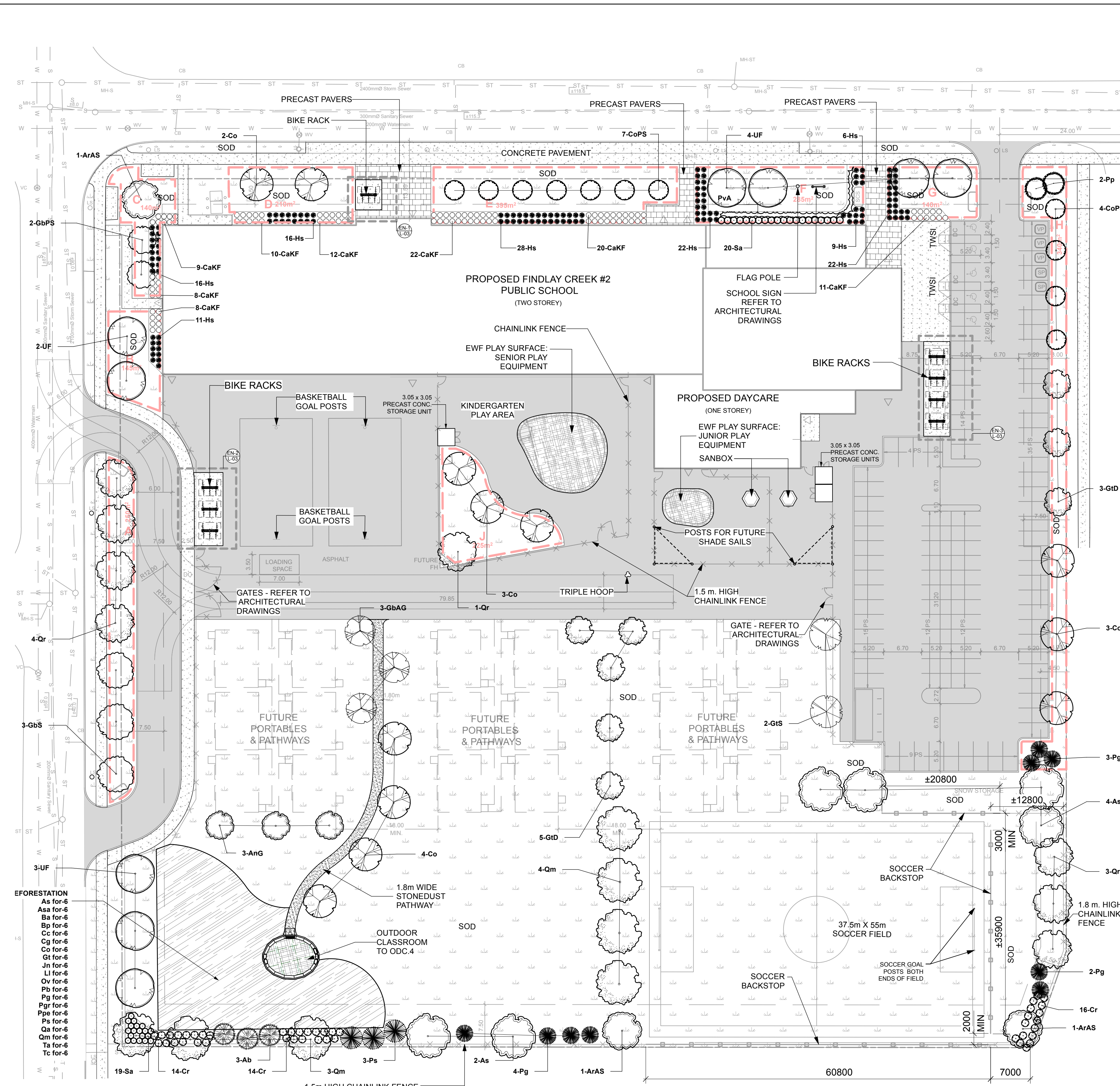
---	PROPERTY LINE
---X---	CHAIN LINK FENCE
---□---	SOCCER BACKSTOP FENCE
---	ASPHALT PAVEMENT
---	CONCRETE PAVEMENT
---	EWf PLAYGROUND SURFACE
---	STONEDUST PATHWAY / PAVEMENT
---	PRECAST CONCRETE PAVERS
---	REFORESTATION AREA
---	SOD
---	SOIL VOLUME AREAS

Plant List

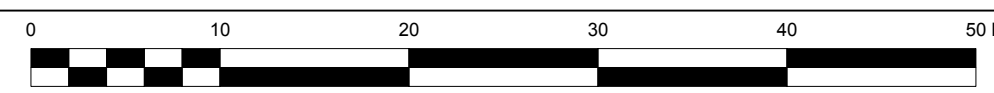
ID	Qty	Botanical name	Common name	Sched. size	Remarks
STANDARD PLANTING					
Caliper Trees					
Ab	3	Abies balsamea	Balsam Fir	200cm ht.	WB, Staked
AnG	3	Acer nigrum 'Green Column'	Green Column Black Maple	60mm caliper	WB, Staked
ArAS	3	Acer rubrum 'Autumn Spire'	Red Maple	50mm caliper	WB, Staked
As	6	Acer saccharum	Sugar Maple	70mm caliper	WB, Staked
Co	12	Celtis occidentalis	Hackberry	70mm caliper	WB, Staked
CoPS	4	Celtis occidentalis 'Prairie Sentinel'	Prairie Sentinel Hackberry	60mm caliper	WB, Staked
GbAG	3	Ginkgo biloba 'Autumn Gold'	Autumn Gold Maidenhair Tree	60mm caliper	WB, Staked
GbPS	2	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Maidenhair Tree	70mm caliper	WB, Staked
GbS	3	Ginkgo biloba 'Saratoga'	Saratoga Maidenhair Tree	60mm caliper	WB, Staked
GdS	8	Gleditsia triacanthos inermis 'Draves'	Streetkeeper Honeylocust	60mm caliper	WB, Staked
GdS	2	Gleditsia triacanthos inermis 'Shademaster'	Gleditsia Shademaster	70mm caliper	WB, Staked
Pg	9	Picea glauca	White Spruce	200cm ht.	WB, Staked
Pp	2	Picea pungens	Colorado Spruce	200cm ht.	WB, Staked
Ps	3	Pinus strobus	Eastern White Pine	200cm ht.	WB, Staked
Qm	7	Quercus macrocarpa	Burr Oak	70mm caliper	WB, Staked
Qr	8	Quercus rubra	Northern Red Oak	70mm caliper	WB, Staked
UF	9	Ulmus 'Frontier'	Frontier Elm	70mm caliper	WB, Staked
Shrubs					
Cr	44	Cornus racemosa	Gray Dogwood	50cm ht.	Bare root
Sa	39	Symphoricarpos albus	Snowberry	50cm ht.	Potted
Perennials					
Hs	130	Helictrochon sempervirens	Ornamental Oats	1 gallon pot	
CaKf	100	Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass	1 gallon pot	
PvA	170	Perennialia Mix A - Sun-Shade	Perennial variety Sun-Shade	150mm pot	
REFORESTATION					
Reforestation Trees					
As for	6	Acer saccharum	Sugar Maple	150cm ht.	Bare root
Asa for	6	Acer rubrum	Red Maple	150cm ht.	Bare root
Ba for	6	Betula alleghaniensis	Yellow Birch	150cm ht.	Bare root
Bp for	6	Betulus papyrifera	White Birch	150cm ht.	Bare root
Cc for	6	Carya cordiformis	Bitternut Hickory	150cm ht.	Bare root
Cg for	6	Carya glabra	Pignut Hickory	150cm ht.	Bare root
Co for	6	Celtis occidentalis	Common Hackberry	150cm ht.	Bare root
Gt for	6	Gleditsia triacanthos inermis	Thornless Honeylocust	150cm ht.	Bare root
Jn for	6	Juglans nigra	Black Walnut	150cm ht.	Bare root
Ll for	6	Larix laricina	American Larch Tamarack	75cm ht.	Potted
Ov for	6	Otula virginiana	American Hoptornbeam	150cm ht.	Bare root
Pb for	6	Pinus barkiana	Jack Pine	75cm ht.	Potted
Pg for	6	Picea glauca	White Spruce	75cm ht.	Potted
Pgr for	6	Populus grandidentata	Bigtooth Aspen	150cm ht.	Bare root
Ppe for	6	Prunus pensylvanica	Pin Cherry	150cm ht.	Bare root
Ps for	6	Pinus strobus	White Pine	75cm ht.	Potted
Qa for	6	Quercus alba	White Oak	150cm ht.	Bare root
Qm for	6	Quercus macrocarpa	Burr Oak	150cm ht.	Bare root
Ta for	6	Tilia americana	Basswood	150cm ht.	Bare root
Tc for	6	Tsuga canadensis	Canadian Hemlock	75cm ht.	Potted

Soil Volume Area, Tree Quantity and Size	Tree Quantity	OTTAWA Target Soil Volume (m ³)	Design Soil Volume	Soil Adequacy percentage
AREA A - 7 large trees				
plant bed (250 sq m x 0.5 metre deep)	7	126.0	125.0	99.21%
AREA B - 2 medium trees				
plant bed (145 sq m x 0.5 metre deep)	2	30.0	72.5	241.67%
AREA C - 1 large tree, 2 columnar trees				
plant bed (140 sq m x 0.5 metre deep)	3	48.0	70.0	145.83%
AREA D - 2 medium trees				
plant bed (210 sq m x 0.5 metre deep)	2	30.0	105.0	350.00%
AREA E - 7 medium trees				
plant bed (395 sq m x 0.4 metre deep)	7	84.0	158.0	188.10%
AREA F - 2 medium trees				
plant bed (285 sq m x 0.4 metre deep)	2	24.0	114.0	475.00%
AREA G - 2 medium trees				
plant bed (140 sq m x 0.5 metre deep)	2	24.0	70.0	291.67%
AREA H - 3 medium trees, 7 columnar trees, 5 conifers				
plant bed (340 sq m x 0.5 metre deep)	15	174.0	170.0	97.70%
AREA J - 1 large tree, 3 medium trees				
plant bed (225 sq m x 0.5 metre deep)	4	63.0	112.5	178.57%

* 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



LANDSCAPE / PLANTING PLAN
Scale: 1:400



GENERAL NOTES

- 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.
- 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.
- 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.
- Obtain approval of Landscape Architect for granular base and layout of all pavement areas prior to construction.
- 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.
- Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.
- 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.
- Final subgrade is to be approved by the Landscape Architect prior to sod being laid.
- Maintain positive surface runoff through the entire construction period.
- Reinstall all areas and items damaged as a result of construction activities.

06			
05			
04			
03	Re-issued for Site Plan Control		2023/02/17
02	Re-issued for Site Plan Control		2022/11/04
01	Issued for Site Plan Control		2022/06/28
no.	revision		date

N45 ARCHITECTURE INC.

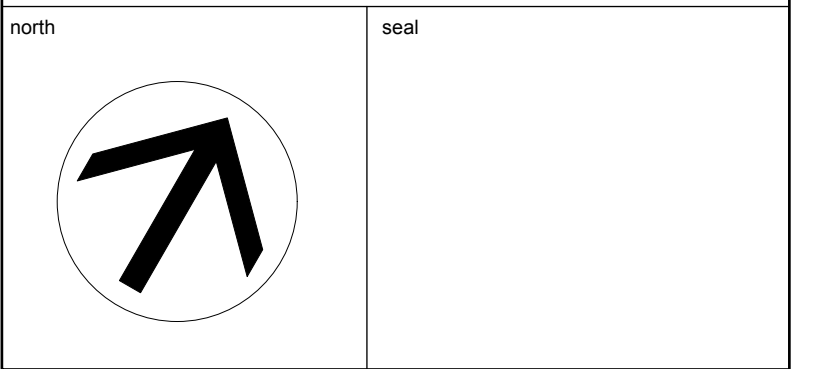
71 Bank Street, 7th Floor - Ottawa, Ontario, K1P 5N2
tel. 613.224.0095 fax 613.224.9811

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landscape architecture • urban design • site planning
Ph 613-224-4744 Fx 613-224-4131 info@rala.ca www.rala.ca

**FINDLAY CREEK #2 PUBLIC SCHOOL
OTTAWA-CARLETON DISTRICT
SCHOOL BOARD**

820 MIKANA ROAD
OTTAWA, ON



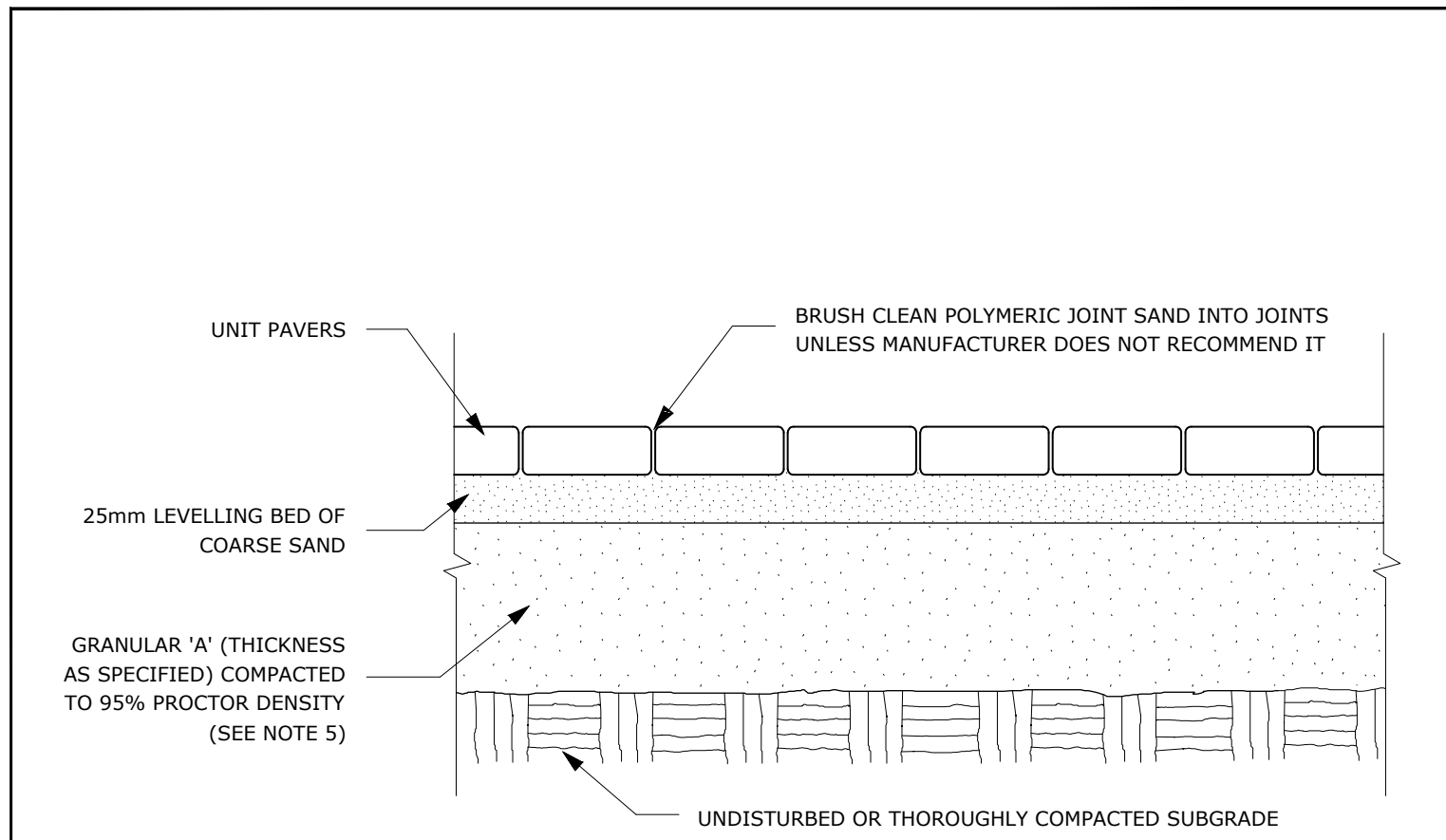
LANDSCAPE / PLANTING PLAN

scale	1:400	drawn by	A.A / T.F
date	2020-12-18	checked by	M.R.
project number	N45 20-600	drawing number	L-01
RA	20-1631		

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

DO NOT SCALE DRAWINGS

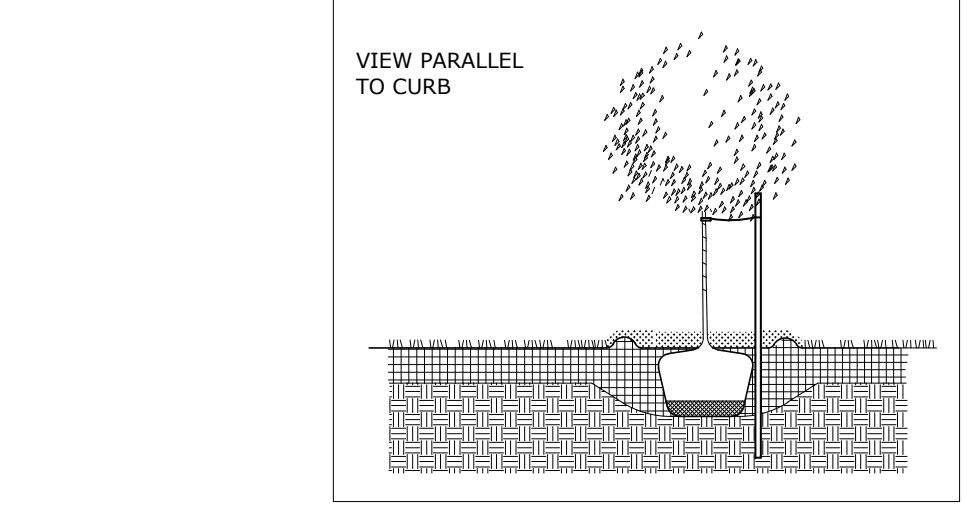
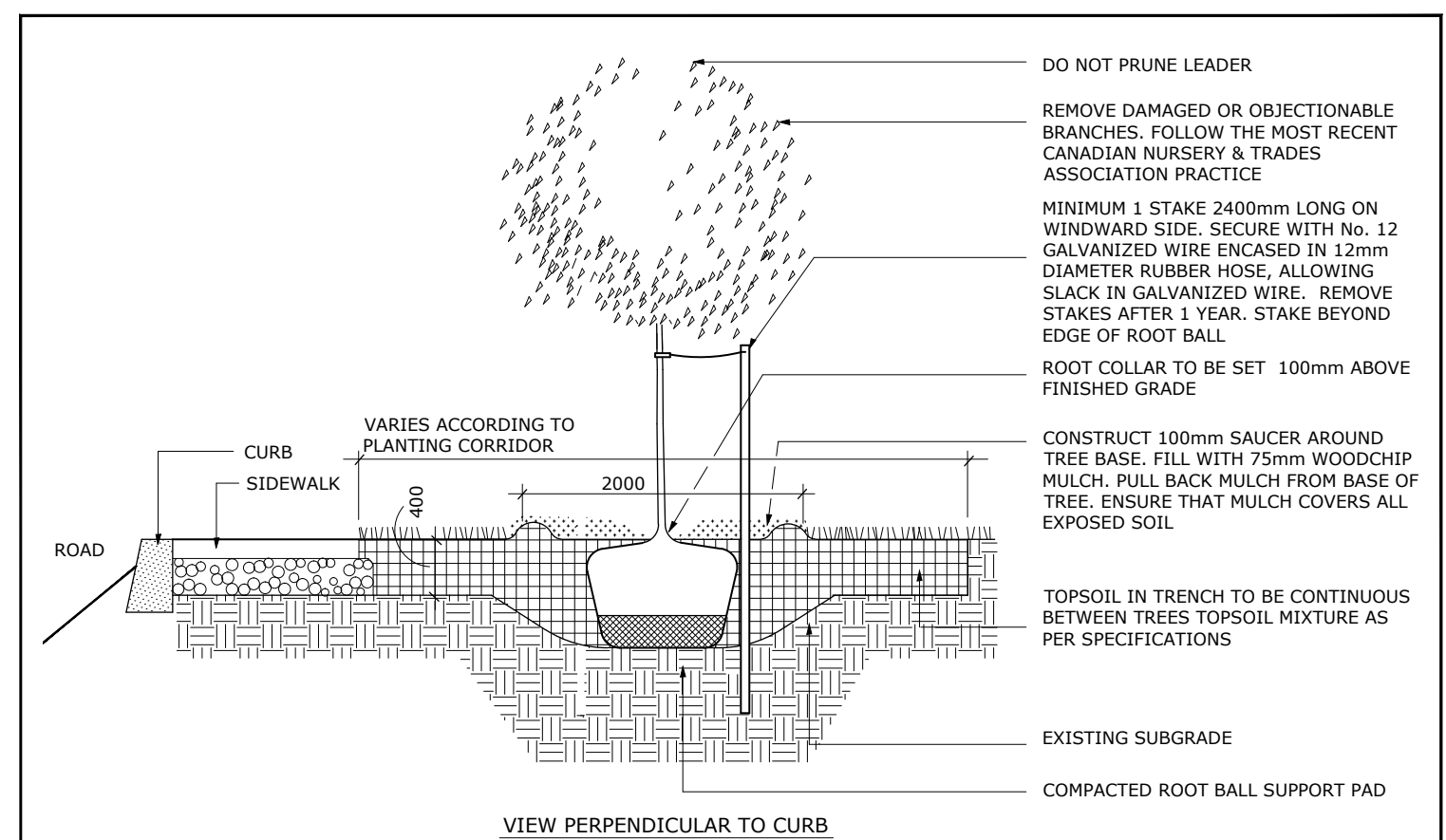
No. D07-12-22-0110
18804



- NOTES:**
1. THE LEVELLING 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 LEVELLING COURSE AND ADDITIONAL SAND SWEEPED 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 ACCESSSES. 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.

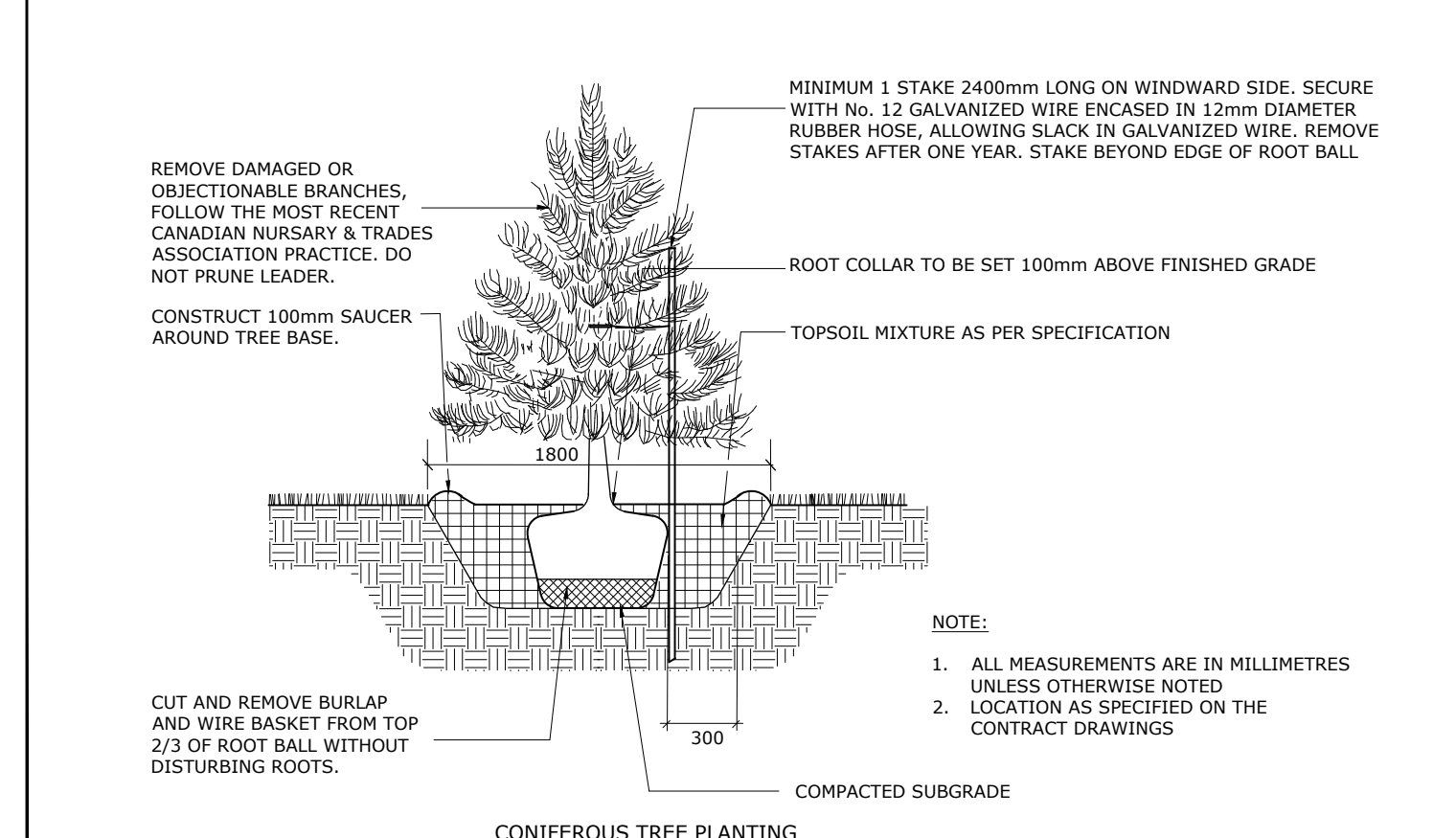
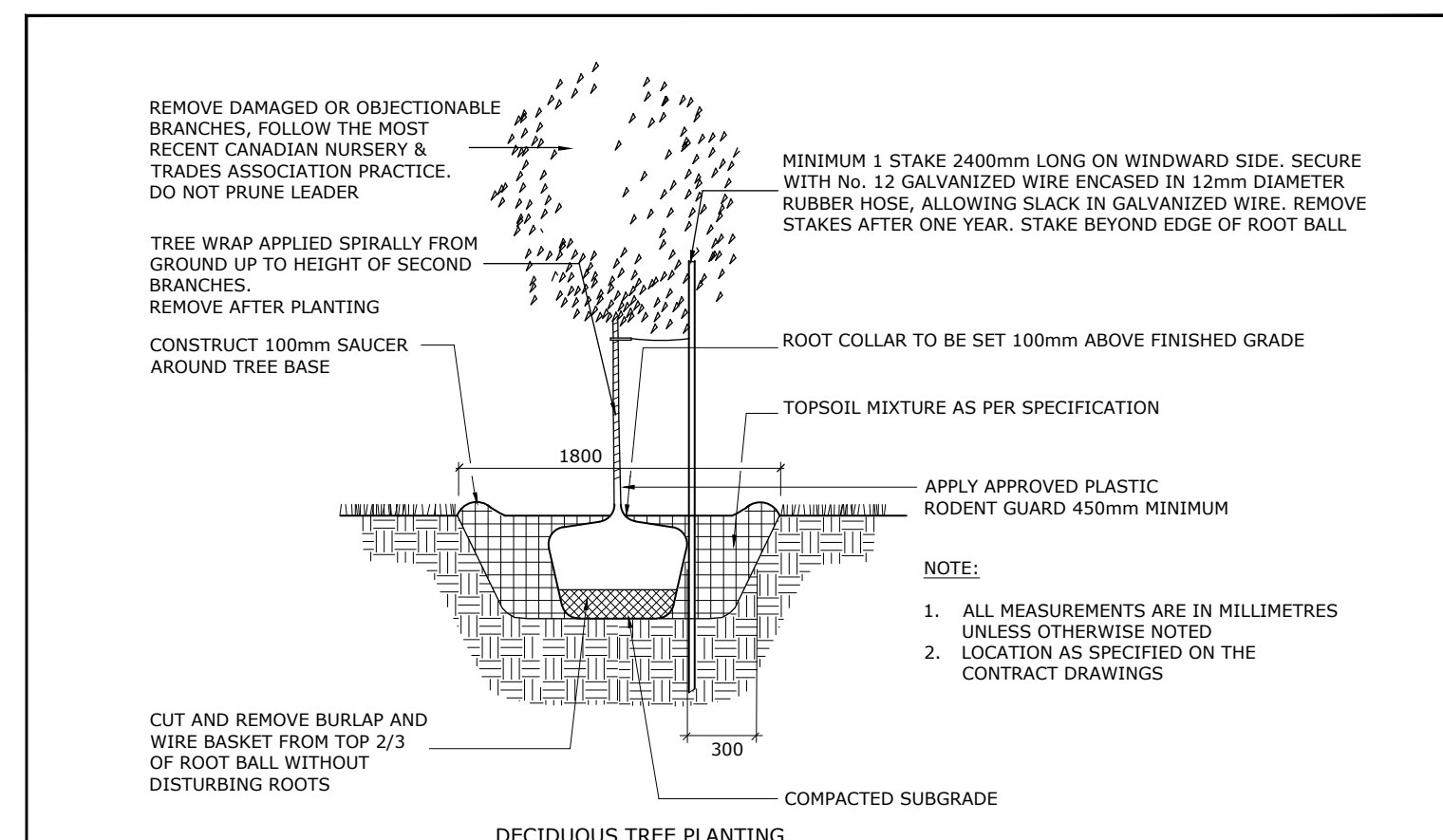


- NOTES:**
1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
 2. CUT AND REMOVE BURLAP AND WIRE BASKET FROM TOP 2/3 OF ROOT BALL WITHOUT DISTURBING ROOTS
 3. LOCATION AS SPECIFIED ON THE CONTRACT DRAWINGS

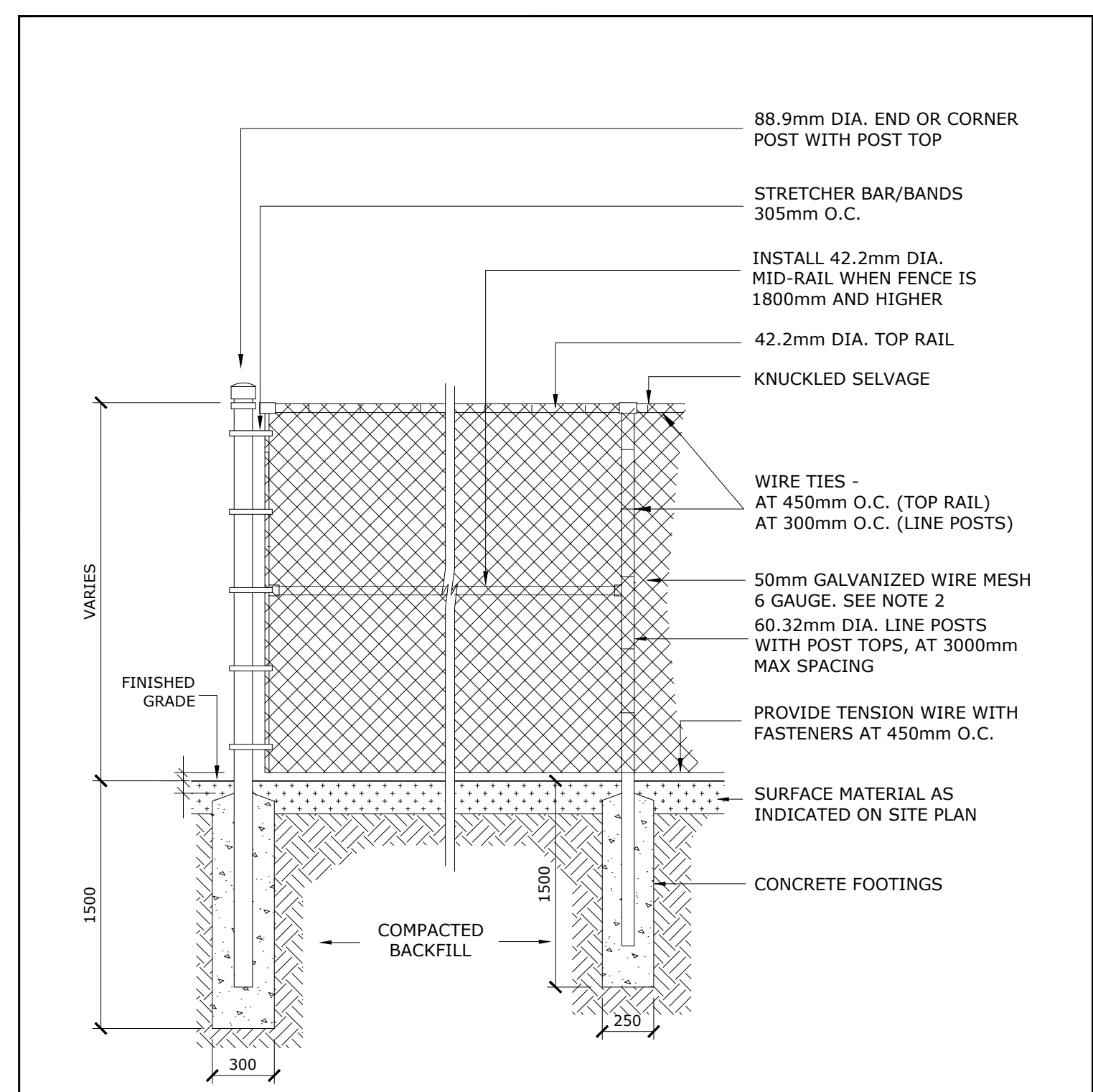
Ottawa TITLE: PLANTING TRENCH WELL DRAINED SOILS DATE: MAY 2001
 REV: JAN 2017
 DWG No: L1

TREE SOIL VOLUME REQUIREMENTS:

- STANDARD TREE SOIL VOLUMES QUANTITIES INCLUDE THE TOP 900-1000mm OF SOIL/EXISTING SUBSOIL LAYER TO CALCULATE TOTAL SOIL VOLUMES REQUIRED BY 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 CONDUCTIVE 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 CHART AND PLANS FOR AREA WHERE TREE SOIL VOLUMES ARE REQUIRED.

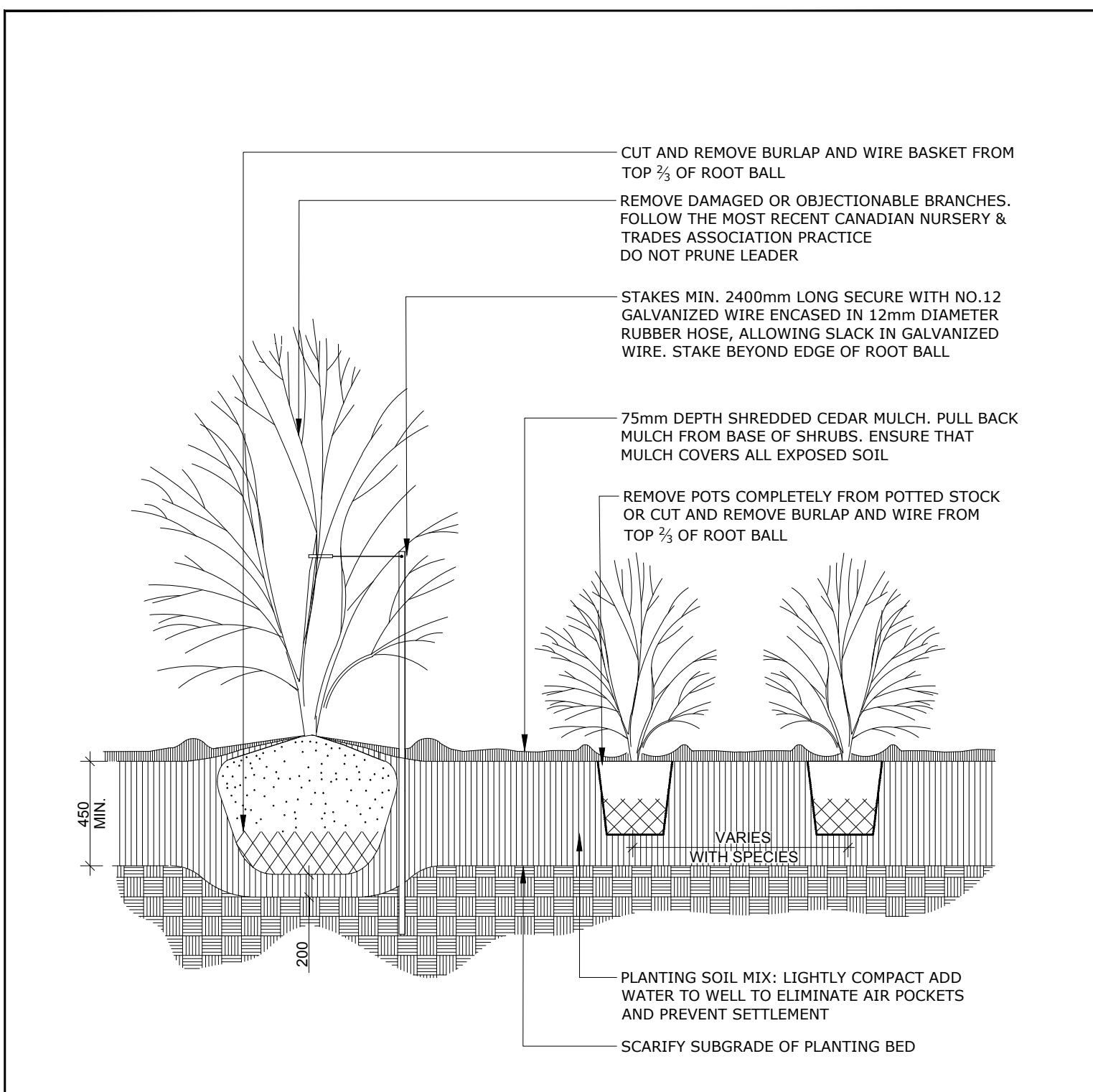


Ottawa TITLE: PLANTING TRENCH WELL DRAINED SOILS (LOTS) DATE: MAY 2001
 REV: JAN 2017
 DWG No: L2



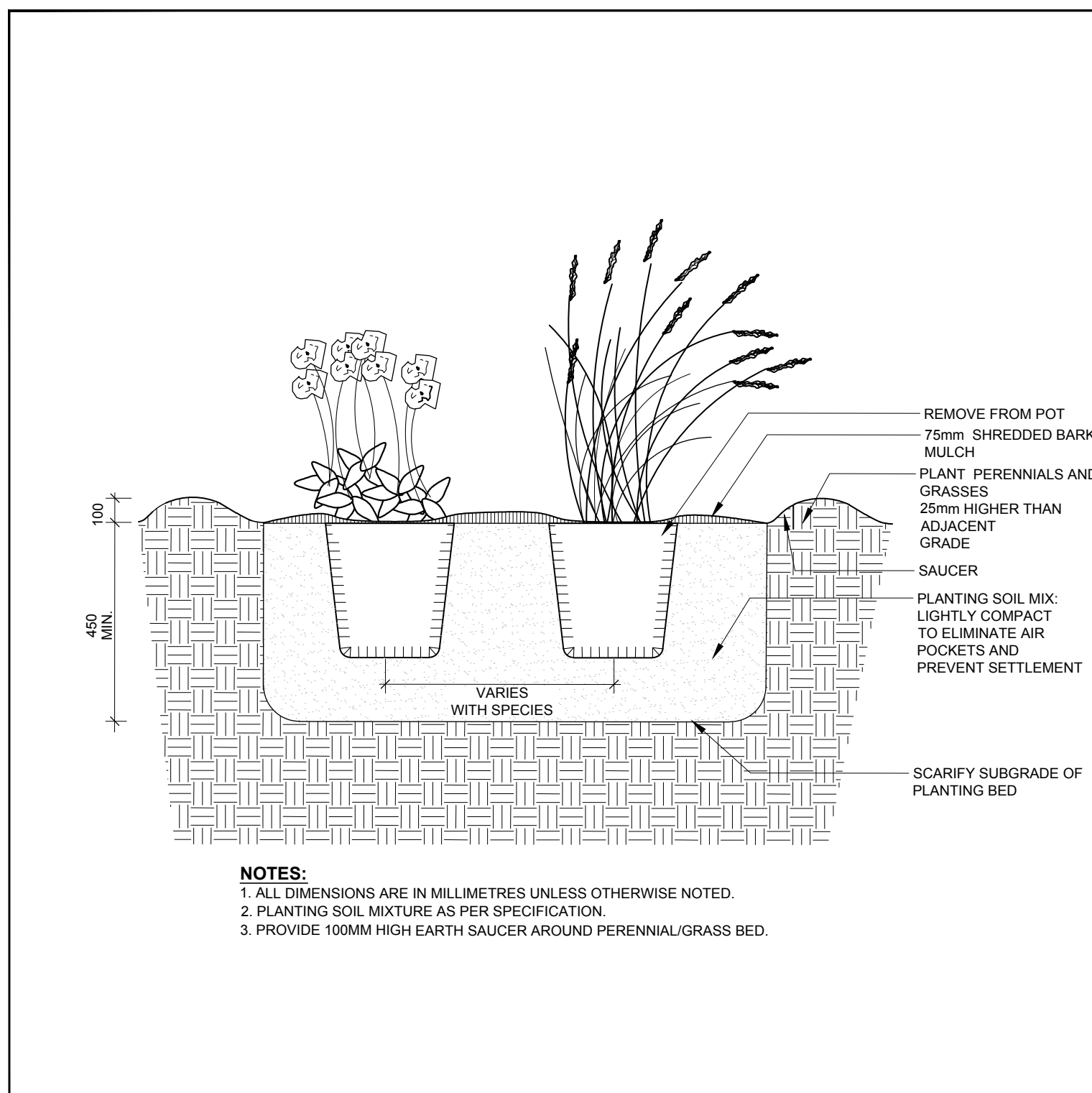
- NOTES:**
1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
 2. IF FENCE IS TO BE BLACK VINYL, THE FENCE SHOULD BE 9 GAUGE GALVANIZED WIRE CORE WITH BLACK VINYL COATING TO PROVIDE A TOTAL OF 6 GAUGE THICKNESS
 3. POSTS, RAILS AND ALL OTHER HARDWARE SHOULD BE ELECTROSTATIC PAINTED
 4. CONCRETE FOOTING SHALL BE CSA 30MPa CLASS F-1

Ottawa TITLE: CHAINLINK FENCE DATE: FEB 2013
 REV: FEB 2019
 DWG No: F9



- 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:**
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



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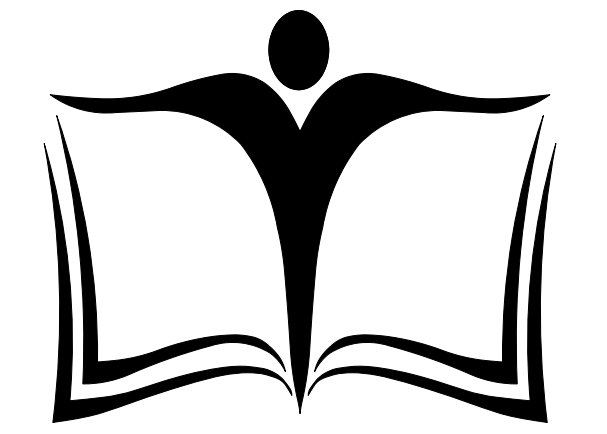
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 820 MIKANA ROAD
 OTTAWA, ON

north	seal
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DETAILS

scale: 1:400 drawn by: A.A / T.F.
 date: 2020-12-18 checked by: M.R.
 project number: N45 20-600 drawing number: L-02
 RA: 20-1631
 CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.
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north	seal
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DETAILS

scale	1:400	drawn by	A.A / T.F
date	2020-12-18	checked by	M.R.
project number	N45 20-600	drawing number	L-03
RA	20-1631	revision	

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