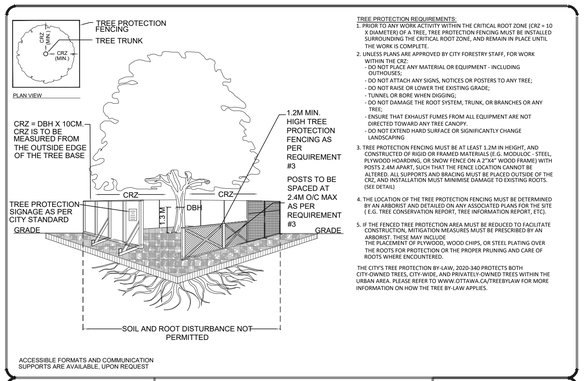
GENERAL NOTES:

1. ALL MEASUREMENTS IN MILLIMETERS UNLESS NOTED OTHERWISE. DO NOT SCALE DRAWING. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH WRITTEN SPECIFICATIONS.
2. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO COMMENCEMENT OF WORK.
3. CONTRACTOR TO REPORT ALL ERRORS / OMISSIONS TO THE CONTRACT ADMINISTRATOR.
4. REINSTATE / REPAIR ALL DAMAGE TO ADJACENT PROPERTIES OR AREAS TO BE PROTECTED. ANY AREAS BEYOND THE LIMIT OF THE SITE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION AT THE CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AND TO BEAR THE COST OF THE SAME.
6. LOCATION OF TREES TO BE STAKED AND REVIEWED ON SITE WITH LANDSCAPE ARCHITECT AND FORESTRY PRIOR TO INSTALLATION.



TREE PROTECTION REQUIREMENTS:

1. PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10 X DIAMETER) OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE, AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
2. UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
   - DO NOT PLACE ANY MATERIAL OR EQUIPMENT - INCLUDING OUTHOUSES;
   - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE;
   - DO NOT RAISE OR LOWER THE EXISTING GRADE;
   - TUNNEL OR BORE WHEN DIGGING;
   - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY TREE;
   - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY.
   - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING
3. TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. MODULOC - STEEL, PLYWOOD HOARDING, OR SNOW FENCE ON A 2"X4" WOOD FRAME) WITH POSTS 2.4M APART, SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ, AND INSTALLATION MUST MINIMISE DAMAGE TO EXISTING ROOTS. (SEE DETAIL)
4. THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE INFORMATION REPORT, ETC).
5. IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST. THESE MAY INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS, OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

THE CITY'S TREE PROTECTION BY-LAW, 2020-340 PROTECTS BOTH CITY-OWNED TREES, CITY-WIDE, AND PRIVATELY-OWNED TREES WITHIN THE URBAN AREA. PLEASE REFER TO WWW.OTTAWA.CA/TREEBYLAW FOR MORE INFORMATION ON HOW THE TREE BY-LAW APPLIES.

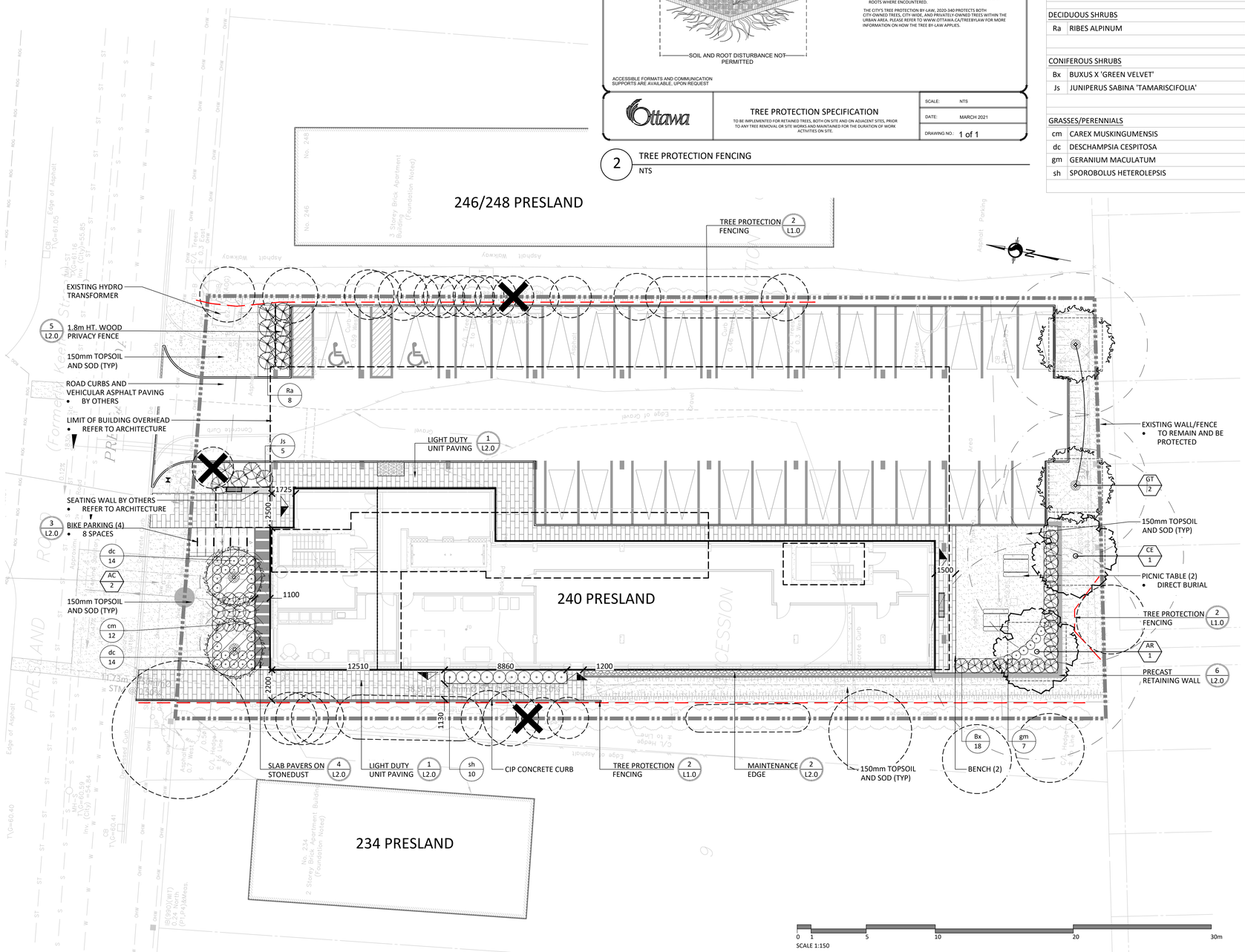
ACCESSIBLE FORMATS AND COMMUNICATION SUPPORTS ARE AVAILABLE, UPON REQUEST

Ottawa	TREE PROTECTION SPECIFICATION TO BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ON ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF WORK ACTIVITIES ON SITE.	SCALE: NTS DATE: MARCH 2021 DRAWING NO.: 1 of 1

2 TREE PROTECTION FENCING
NTS

PLANT LIST

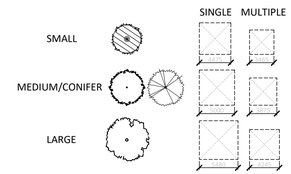
KEY	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS	NATIVE	OWNER
DECIDUOUS TREES - LARGE (15-30M HEIGHT)							
AR	ACER RUBRUM	RED MAPLE	1	50mm	B&B	Y	PRIVATE
CE	CELTIS OCCIDENTALIS	COMMON HACKBERRY	1	50mm	B&B	Y	PRIVATE
			2				
DECIDUOUS TREES - MEDIUM (8-14M HEIGHT)							
GT	GLEDITSIA TRIACANTHOS	HONEY LOCUST	2	50mm	B&B	Y	PRIVATE
			2				
DECIDUOUS TREES - SMALL (6-8M HEIGHT)							
AC	AMELANCHIER CANADENSIS	SERVICEBERRY	2	50mm	B&B, TREE FORM	Y	PRIVATE
			2				
DECIDUOUS SHRUBS							
Ra	RIBES ALPINUM	ALPINE CURRANT	8	1 GAL	POTTED	N	PRIVATE
			8				
CONIFEROUS SHRUBS							
Bx	BUXUS X 'GREEN VELVET'	BOXWOOD	18	1 GAL	POTTED	N	PRIVATE
Js	JUNIPERUS SABINA 'TAMARISCIFOLIA'	TAMARIX JUNIPER	5	1 GAL	POTTED	N	PRIVATE
			23				
GRASSES/PERENNIALS							
cm	CAREX MUSKINGUMENSIS	PALM SEDGE GRASS	12	1 GAL	POTTED	Y	PRIVATE
dc	DESCHAMPSIA CESPITOSA	TUFTED HAIR GRASS	28	1 GAL	POTTED	Y	PRIVATE
gm	GERANIUM MACULATUM	WILD GERANIUM	7	1 GAL	POTTED	Y	PRIVATE
sh	SPOROBOLUS HETEROLEPSIS	PRAIRIE DROPSEED	10	1 GAL	POTTED	Y	PRIVATE
			57				



1 LANDSCAPE PLAN
1:150

TREE SOIL VOLUMES

TREE TYPE/SIZE	SINGLE TREE SOIL VOLUME	MULTIPLE TREE SOIL VOLUME (m3/TREE)
ORNAMENTAL	15	9
COLUMNAR	15	9
SMALL	20	12
MEDIUM	25	15
LARGE	30	18
CONIFER	25	15



*SOIL VOLUME CALCULATION BASED ON 1.0m DEPTH

PROPOSED TREE CANOPY PROJECTIONS

TREE TYPE/SIZE	CROWN AREA PER TREE STANDARD RANGE (m^2)	CROWN AREA PER TREE USED FOR CALC. (m^2)	SITE CANOPY COVER
LARGE (2)	135-250*	192	CANOPY (W. OVERLAP):287m^2
MEDIUM (2)	35-135*	85	
SMALL (2)	5-35*	20	

EXISTING TREE CANOPY TO BE PROTECTED

EXISTING TREE CANOPY, m^2 CALCULATION BASED ON SURVEYED DBH AND AERIAL IMAGERY	CANOPY (W. OVERLAP): 127m^2
*RANGE OF CROWN AREAS IS IN ACCORDANCE WITH PROPOSED TREES SPECIES	SITE: 2,010m^2
**CROWN AREAS ARE ACCORDING TO THE AVERAGE MATURE CANOPY SIZE OF THE RESPECTIVE SPECIES. CANOPY SIZING HAS BEEN DETERMINED IN REFERENCE TO VARIOUS ARBORICULTURAL AND BOTANICAL SOURCES, SUCH AS: ONTARIO MINISTRY OF NATURAL RESOURCES & FORESTRY (OMNRF); US FOREST SERVICE; FARRAR, J.L. *TREES IN CANADA*, UNIVERSITY OF GUELPH ABORETUM, *VARIOUS PUBLICATIONS*	TOTAL PERCENT COVER: 20.60%

NOTES:
THE LANDSCAPE PLAN WAS PREPARED IN CONJUNCTION WITH THE GEOTECHNICAL REPORT PREPARED BY PATERSON GROUP:
- *PG7188-1, DATED AUGUST 6, 2024*

ALL EXISTING SITE INFORMATION AS PER SITE SURVEY PLAN DATED MAY 10, 2024 AND PREPARED BY ANNIS O'SULLIVAN, VOLLEBEKK LTD.

Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work. This drawing is not to be used for construction until signed by the Landscape Architect.

Key Plan

LEGEND

PROPERTY LINE

FENCING
- 1.8m HT. WOOD PRIVACY FENCE
- TREE PROTECTION FENCING

PLANTING
- LARGE DECIDUOUS TREE
- MEDIUM DECIDUOUS TREE
- SMALL DECIDUOUS TREE
- DECIDUOUS SHRUB
- CONIFEROUS SHRUB
- GRASSES/PERENNIALS
- SODDING

SURFACING
- C.I.P. CONCRETE PAVING
- UNIT PAVING

AMENITIES
- PICNIC TABLE
- BIKE RACK
- BENCH

No.	Description	Date
-		
-		
-		
-		
3	Issued for Revised First Submission	JUN 13/25
2	Issued for First Submission	APR 03/25
1	Issued for Client Review	JAN 14/25

Revision

City Approval Stamp

PROPERTY INFORMATION
CITY OF OTTAWA PIN NUMBER 04255-0146

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS
SILVANO TARGLA
OALA
MEMBER

N

NAK design strategies
1285 WELLINGTON STREET, OTTAWA, ON K1Y 3A8 CANADA
T 613.237.2345 NAKDESIGNSTRATEGIES.COM

Project

CCOC 240 PRESLAND
240 PRESLAND, OTTAWA, ON

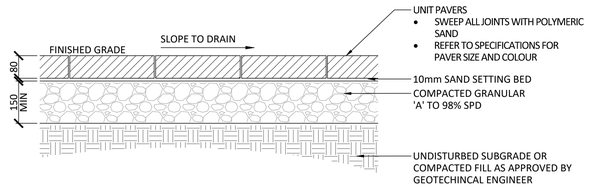
Title

LANDSCAPE PLAN

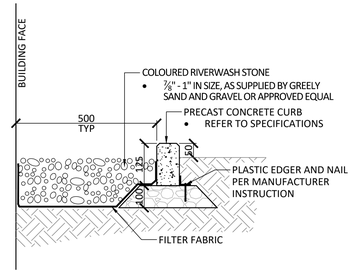
Date	2025-01-06	Sheet
Scale	1:150	L1.0
Drawn	SW	
Checked	SC	
Job No.	24-160	

SPA CITY FILE N° D07-12-25-0057

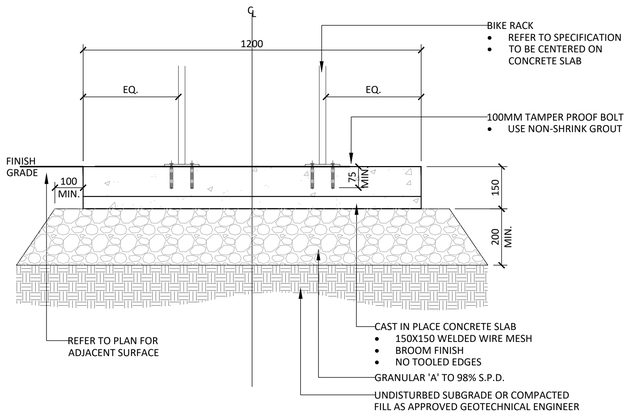
PLAN N° XXXXX



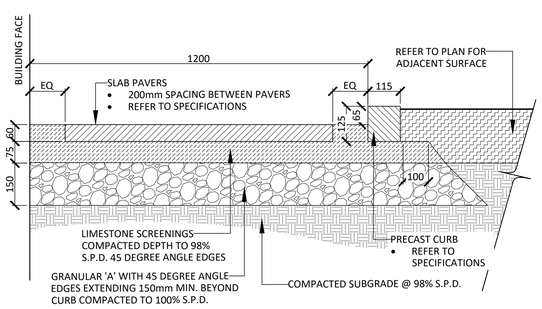
1 LIGHT DUTY UNIT PAVING
1:10



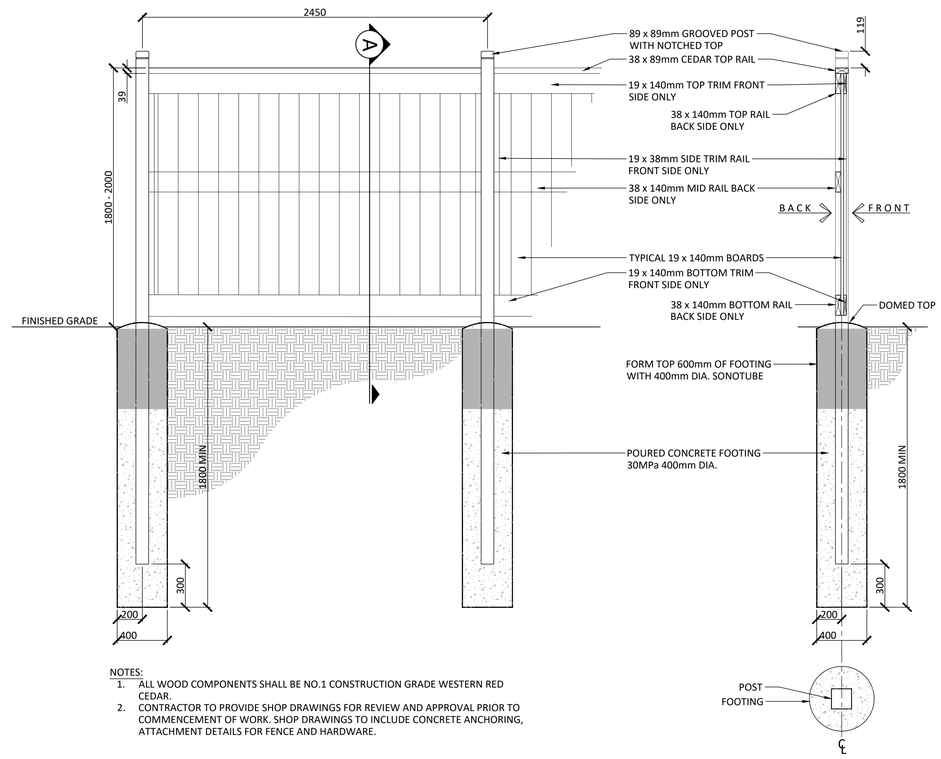
2 MAINTENANCE EDGE
1:10



3 BIKE PARKING
1:10

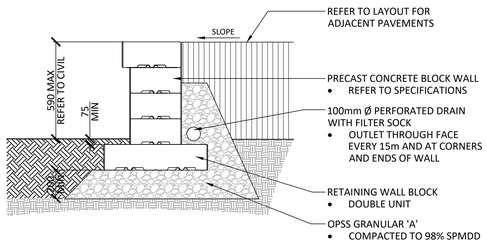


4 SLAB PAVERS ON STONEDUST
1:10



NOTES:
1. ALL WOOD COMPONENTS SHALL BE NO.1 CONSTRUCTION GRADE WESTERN RED CEDAR.
2. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF WORK. SHOP DRAWINGS TO INCLUDE CONCRETE ANCHORING, ATTACHMENT DETAILS FOR FENCE AND HARDWARE.

5 1.8m HT. PRIVACY FENCE
1:30



NOTES:
1. CONTRACTOR TO PROVIDE ENGINEER STAMPED SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION

6 PRECAST RETAINING WALL
1:20

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240 PRESLAND, OTTAWA, ON

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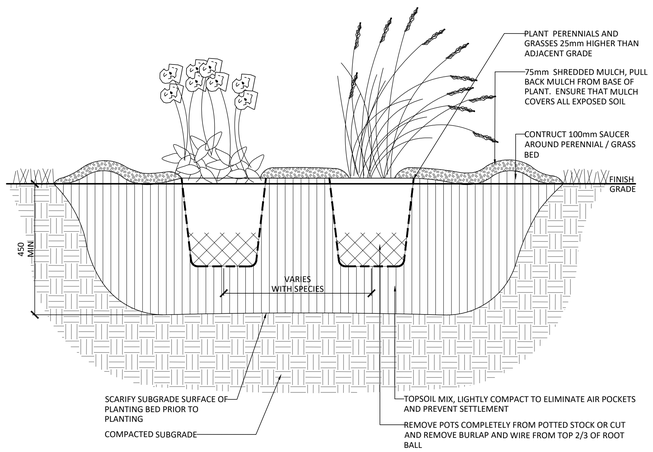
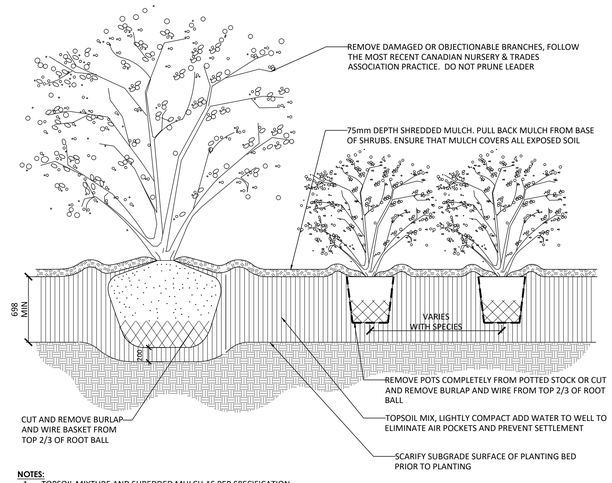
PLAN N° XXXXX



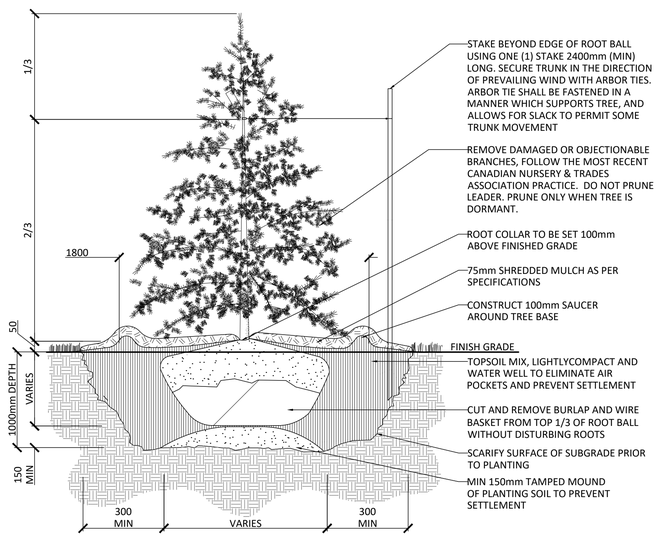
NOTES:
1. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION.
2. PROVIDE 100mm HIGH EARTH SAUCER AROUND PERENNIAL/GRASS BED.

1 PERENNIAL AND ORNAMENTAL GRASS PLANTING
1:30



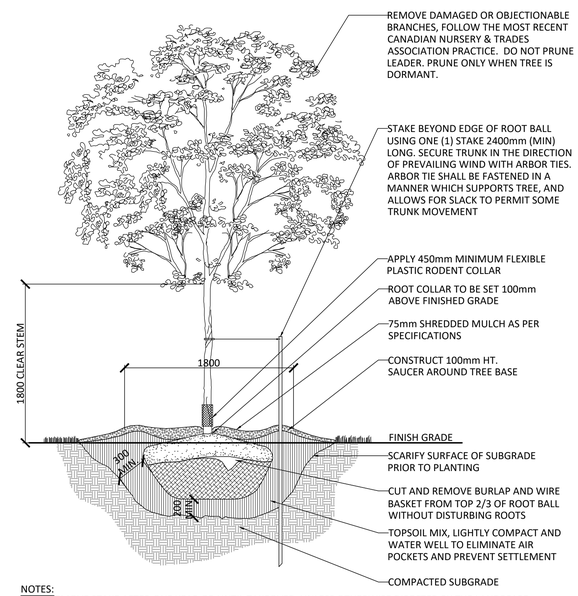
NOTES:
1. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION.
2. SHRUBS SPECIFIED BARE ROOT (B.R.) TO BE PLANTED SO THAT ROOTS ARE FULLY EXTENDED IN PLANTING HOLE WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE.
3. PROVIDE 100mm HIGH EARTH SAUCER AROUND SHRUB BED.
4. STAKES TO BE REMOVED AFTER ONE YEAR OR UNTIL TAKEOVER UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT.

2 CONTINUOUS SHRUB BED PLANTING
1:30



NOTES:
1. REMOVE STAKE AFTER ONE YEAR OR UNTIL TAKEOVER UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT.
2. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION

3 CONIFEROUS TREE PLANTING (ONE STAKE W/ARBOR TIES)
1:30



NOTES:
1. REMOVE STAKE AFTER ONE YEAR OR UNTIL TAKEOVER, UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT.
2. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION
3. REMOVE TREE WRAP AFTER PLANTING
4. CALIPER TO BE MEASURED AT THE BASE OF TREE AT ROOT BALL.

4 DECIDUOUS TREE PLANTING (ONE STAKE W/ARBOR TIES)
1:30

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