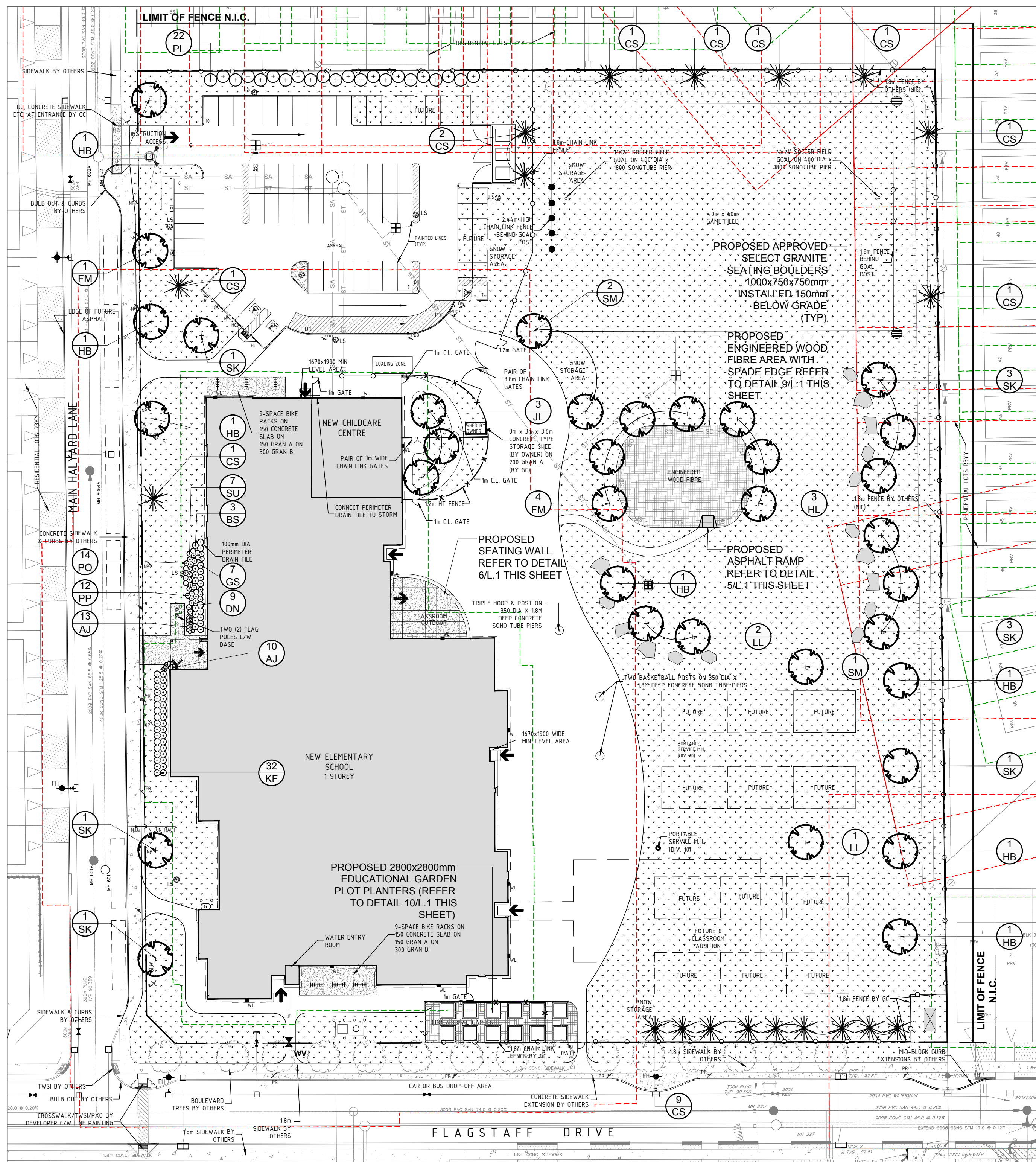




1 TREE CONSERVATION REPORT & LANDSCAPE PLAN
SCALE: 1:500

GENERAL NOTES:

- It is the responsibility of the appropriate contractor or official to report any errors, omissions or discrepancies on this plan with actual site conditions to the Landscape Architect before proceeding with construction.
- The contractor is to notify all utility companies and authorities prior to any excavation and ascertain locations of underground services.
- The contractor is to reinstate all areas and items damaged as a result of construction activity.
- The contractor is to comply with all pertinent codes and by-laws.
- The contractor is to maintain a positive surface run-off throughout the entire construction period.
- The Landscape Architect is not responsible for subsurface conditions.
- The contractor is to identify all existing trees to remain on site with the Landscape Architect prior to construction.
- The contractor is to stake the proposed location of all plant material in conjunction with the Landscape Architect prior to excavation.
- Minimum distances for selected deciduous trees are as follows:
 - Building Foundations 7.5m
 - Sidewalks 1.5m
 - Public Streets 2.5m
 - Underground Infrastructure 2.0m
- All trees within 1m of underground utility trenches are to be excavated by hand.
- Remove all protective wrapping from tree trunks after installation.
- Staking of trees shall only be performed if necessary.
- Ensure that mulch is pulled back a min. distance of 75mm from base of tree trunk.

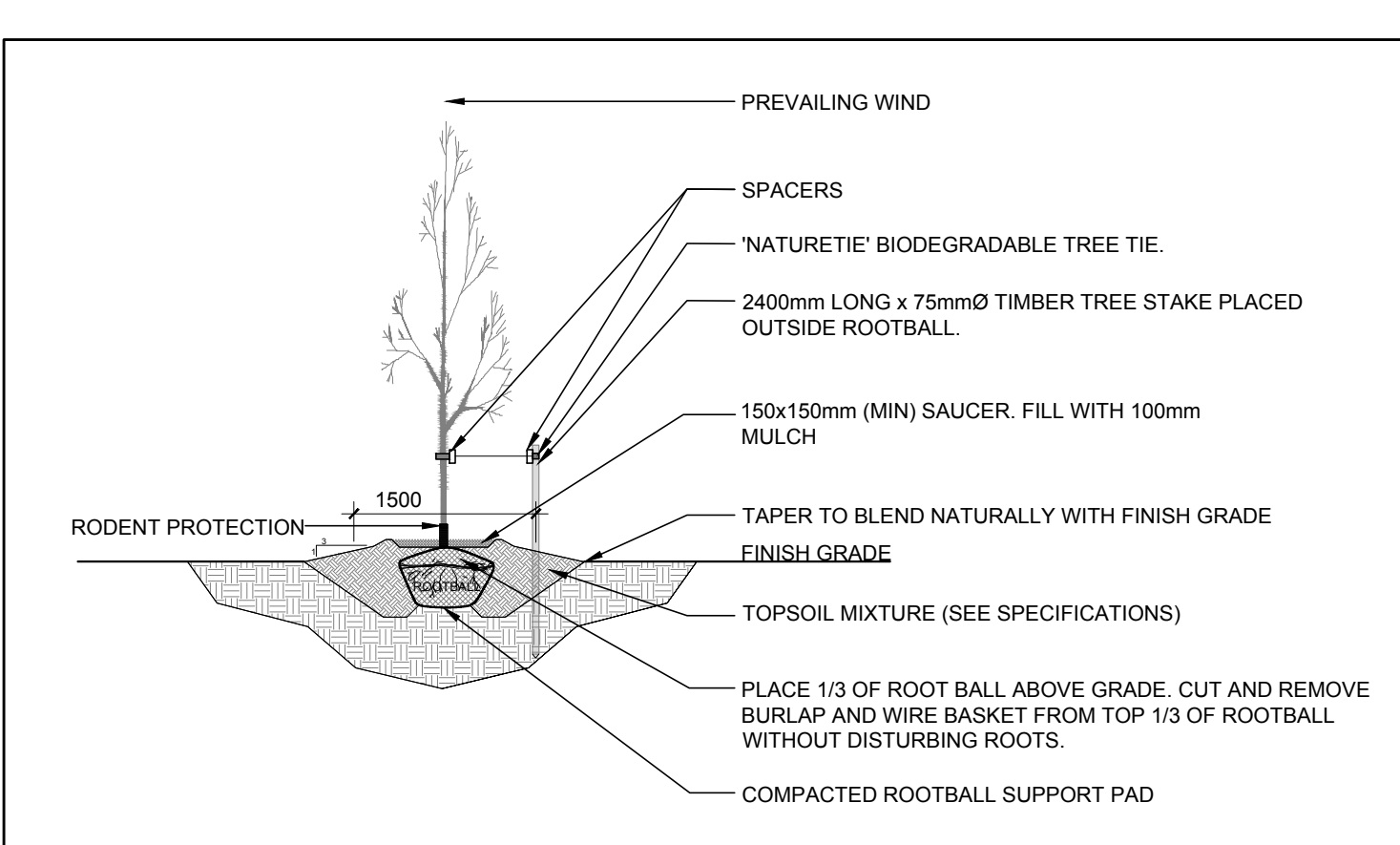
NOTE: PER MEMO PROVIDED BY EXP SERVICES INC. ON JUNE 2, 2022 REGARDING 'ADDITIONAL GEOTECHNICAL RECOMMENDATIONS - TREE PLANTING':

'GRAIN SIZE ANALYSIS AND ATTENBERG LIMIT DETERMINATION CONDUCTED ON TWO (2) SAMPLES OF THE GREY SILTY CLAY FROM BOREHOLE NO. 2 (SS: 3.0m to 3.6m DEPTHS AND SST: 5.2m to 5.7m DEPTHS) INDICATE A MODIFIED PLASTICITY INDEX OF THE CLAY SOIL TO 7.0 PERCENT AND 12 PERCENT, BASED ON THE CITY OF OTTAWA DOCUMENT TITLED 'TREE PLANTING IN SENSITIVE MARINE CLAY SOILS - 2017 GUIDELINES'. MARINE CLAY SOILS WITH A MODIFIED PLASTICITY INDEX LESS THAN 40 PERCENT ARE CONSIDERED TO HAVE LOW/MEDIUM POTENTIAL FOR SOIL VOLUME CHANGE.

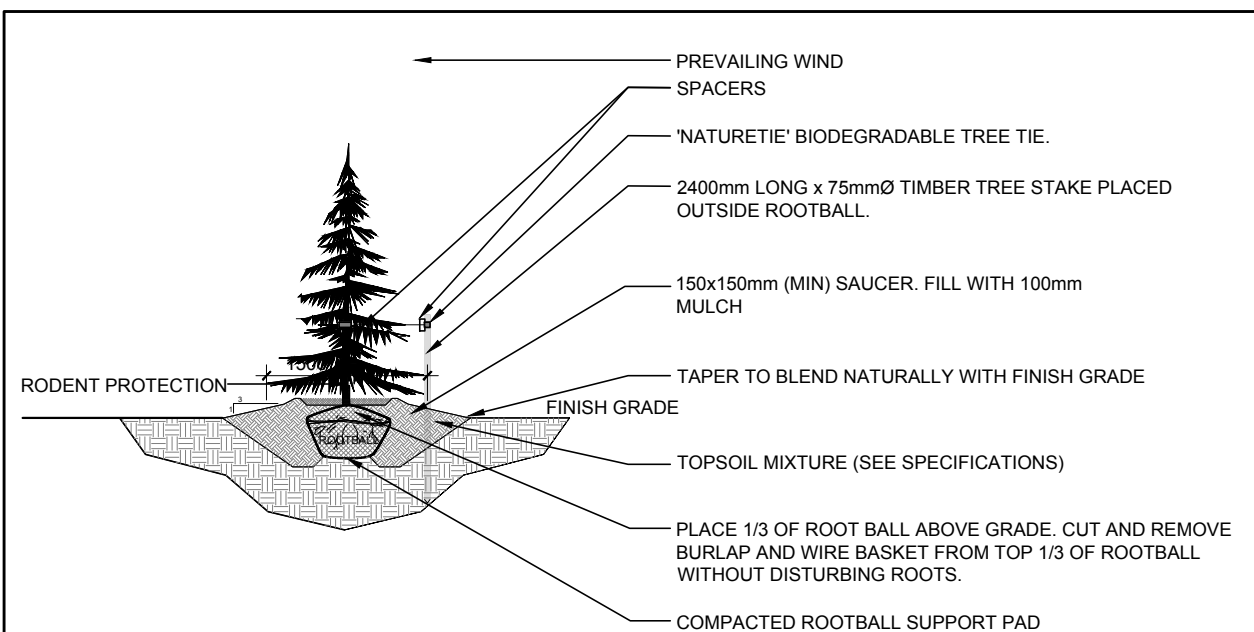
THEREFORE, BASED ON THE CALCULATED MODIFIED PLASTICITY INDEX, THE GREY SILTY CLAY AT THE SITE IS CONSIDERED TO HAVE A LOW/MEDIUM POTENTIAL FOR SOIL VOLUME CHANGE. A LANDSCAPE ARCHITECT SHOULD BE CONSULTED TO ENSURE THE APPLICABLE TREE PLANTING RESTRICTIONS AND SETBACKS FOR DEVELOPMENT OF THE SITE FOR SOILS HAVING A LOW/MEDIUM POTENTIAL FOR VOLUME CHANGE ARE IN ACCORDANCE WITH THE CITY OF OTTAWA 2017 GUIDELINES.

PROPOSED PLANT LIST

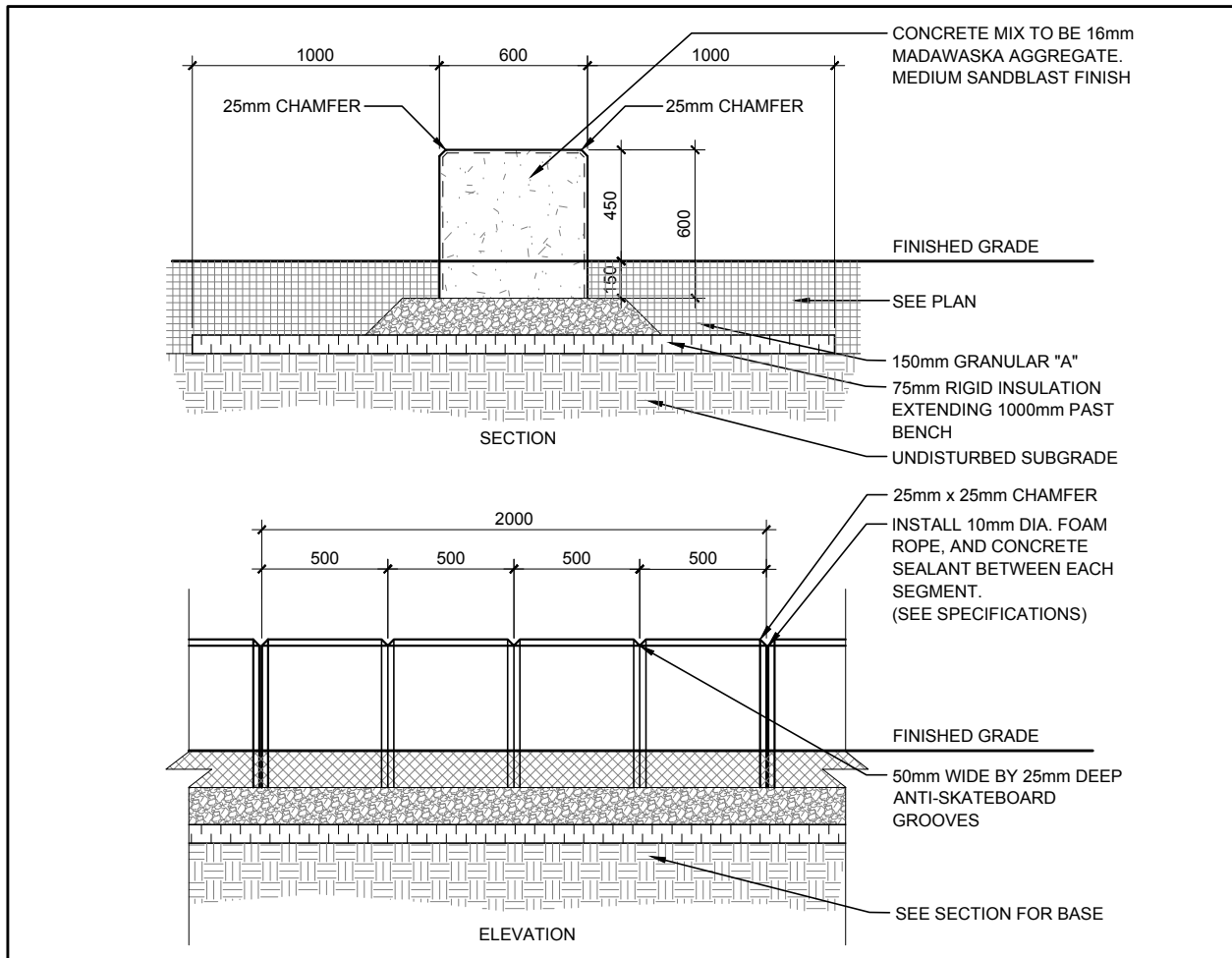
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	Ht. @ MATURITY
TREES							
CS	19	<i>Picea pungens</i>	Colorado Spruce	1800mm ht.	B&B		18m
FM	5	<i>Acer x freemanii</i>	Freeman's Maple	60mm cal.	B&B		21m
HB	7	<i>Celtis occidentalis</i>	Hackberry	60mm cal.	B&B		12m
HL	3	<i>Gleditsia triacanthos</i> 'Shademaster'	Shademaster Honey Locust	60mm cal.	B&B		21m
JL	3	<i>Syringa reticulata</i>	Japanese Tree Lilac	60mm cal.	B&B		6m
LL	3	<i>Tilia cordata</i>	Littleleaf Linden	60mm cal.	B&B		18m
SK	10	<i>Gleditsia triacanthos</i> 'Impcole'	Imperial Honey Locust	60mm cal.	B&B		11m
SM	3	<i>Acer saccharum</i>	Sugar Maple	60mm cal.	B&B		22.5m
SHRUBS							
BS	3	<i>Spiraea x varhouttei</i>	Bridalwreath Spirea	800 mm ht.	Potted	1000 mm o.c.	
DN	9	<i>Physocarpus opulifolius</i>	Ninebark	800mm ht.	Potted	1000 mm o.c.	
GS	7	<i>Spiraea x arguta</i>	Garland Spirea	600mm ht.	Potted	1000 mm o.c.	
PL	22	<i>Syringa vulgaris</i>	Common Purple Lilac	2000mm ht.	Potted / stringball	1500 mm o.c.	
PO	14	<i>Potentilla fruticosa</i> 'Goldfinger'	Goldfinger Potentilla	600mm ht.	Potted	800 mm o.c.	
PP	12	<i>Spiraea japonica</i> 'Pink Princess'	Pink Princess Spirea	600mm ht.	Potted	800 mm o.c.	
SU	7	<i>Rhus aromatica</i> 'Gro-Low'	Gro-Low Fragrant Sumac	600mm ht.	Potted	800 mm o.c.	
PERENNIALS							
AJ	23	<i>Sedum 'Autumn Joy'</i>	Autumn Joy Sedum	100mm pot	Potted	400 mm o.c.	
KF	32	<i>Calamagrostis 'Karl Foerster'</i>	Feather Reed Grass	250mm pot	Potted	800 mm o.c.	



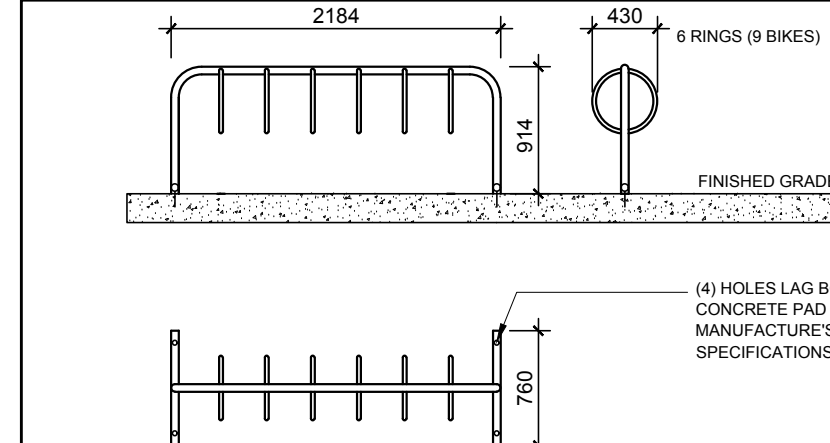
2 DECIDUOUS TREE PLANTING
SCALE: NTS



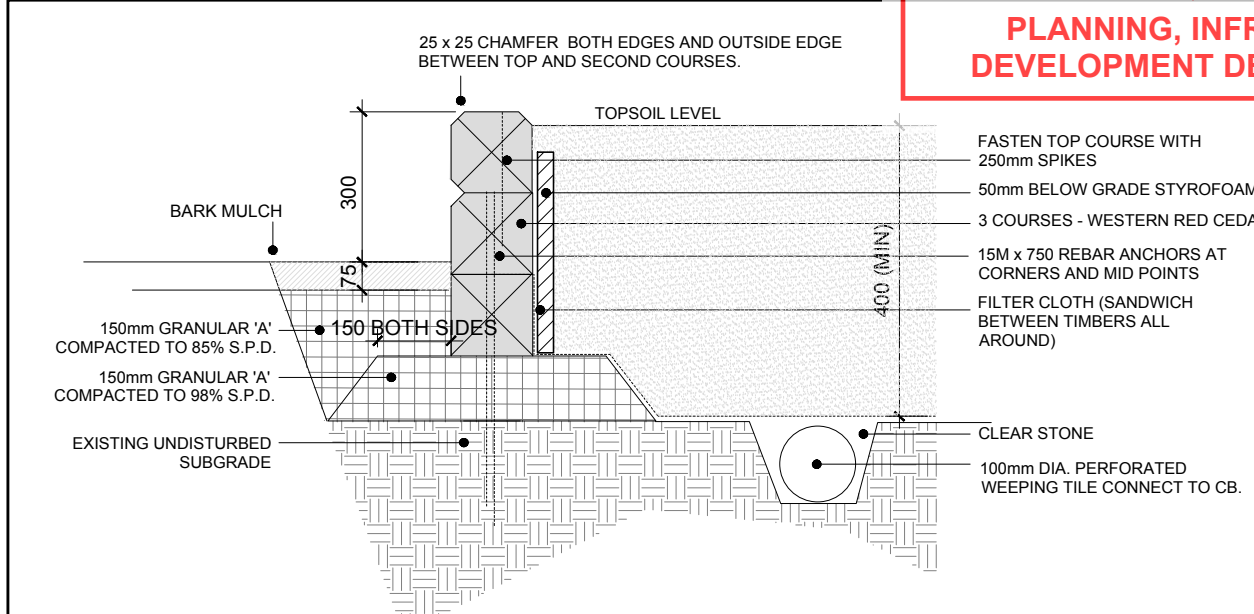
3 CONIFEROUS TREE PLANTING
SCALE: NTS



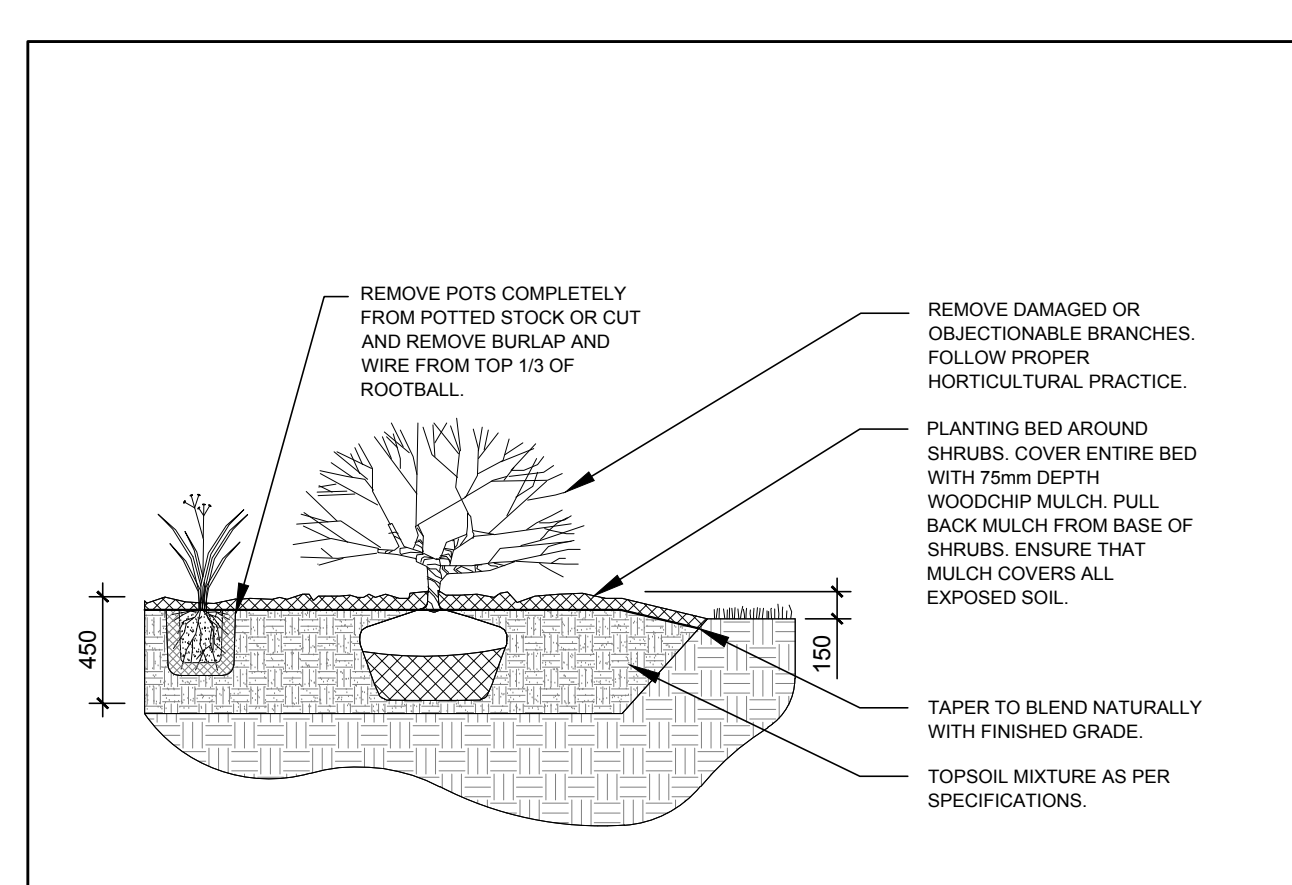
4 SEATING WALL
SCALE: NTS



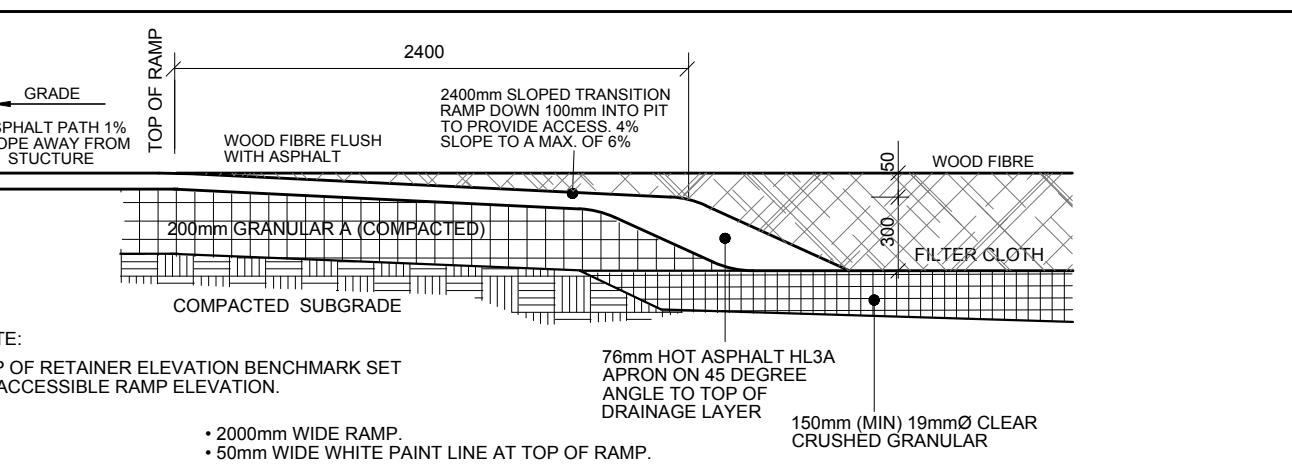
5 6-RING BIKE RACK
SCALE: NTS



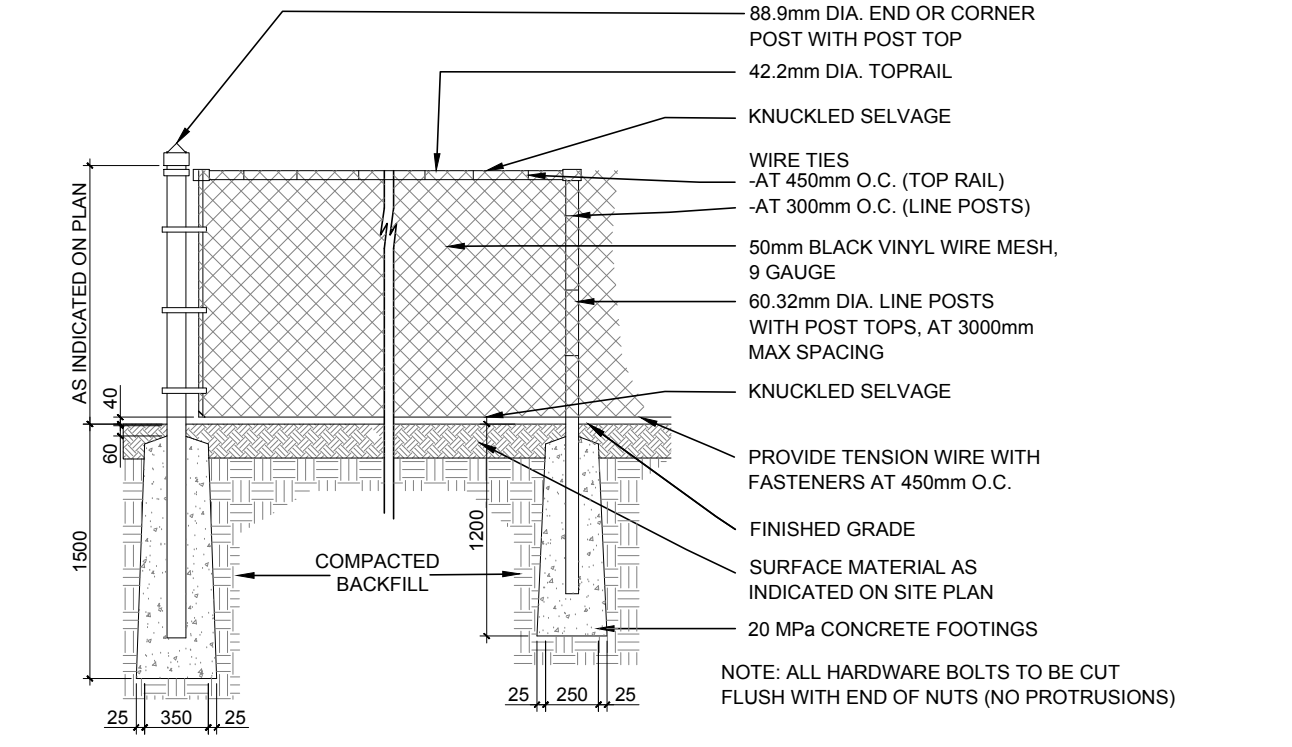
6 EDUCATIONAL GARDEN PLOT PLANTER
SCALE: NTS



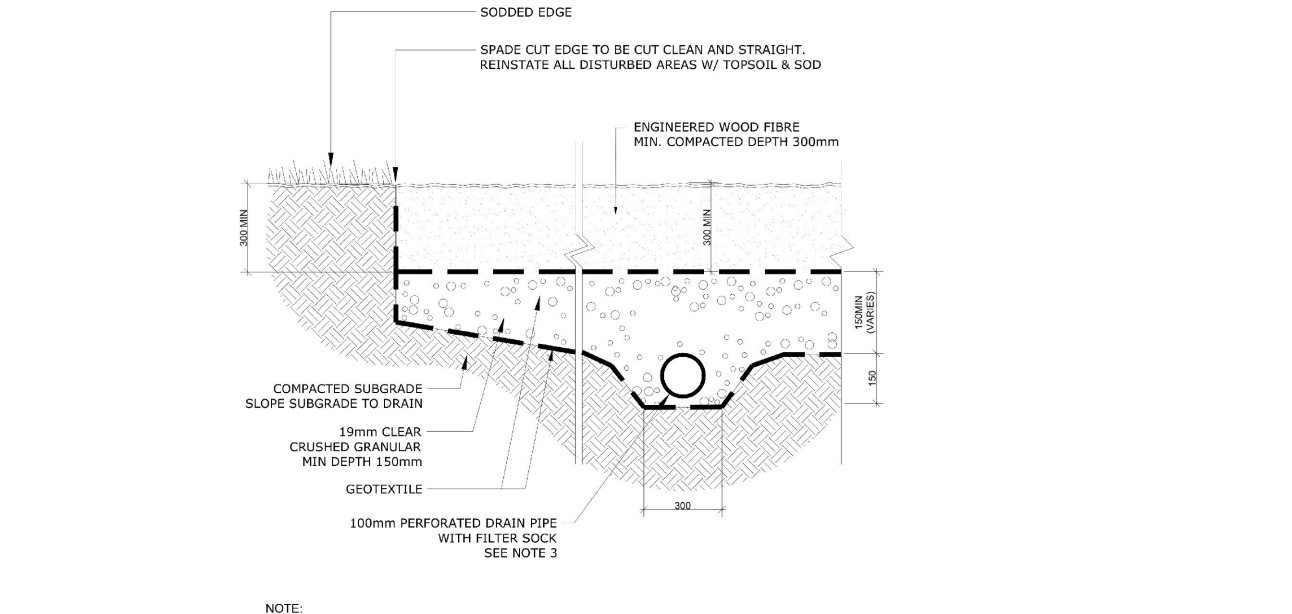
7 SINGLE CHAINLINK GATE
SCALE: NTS



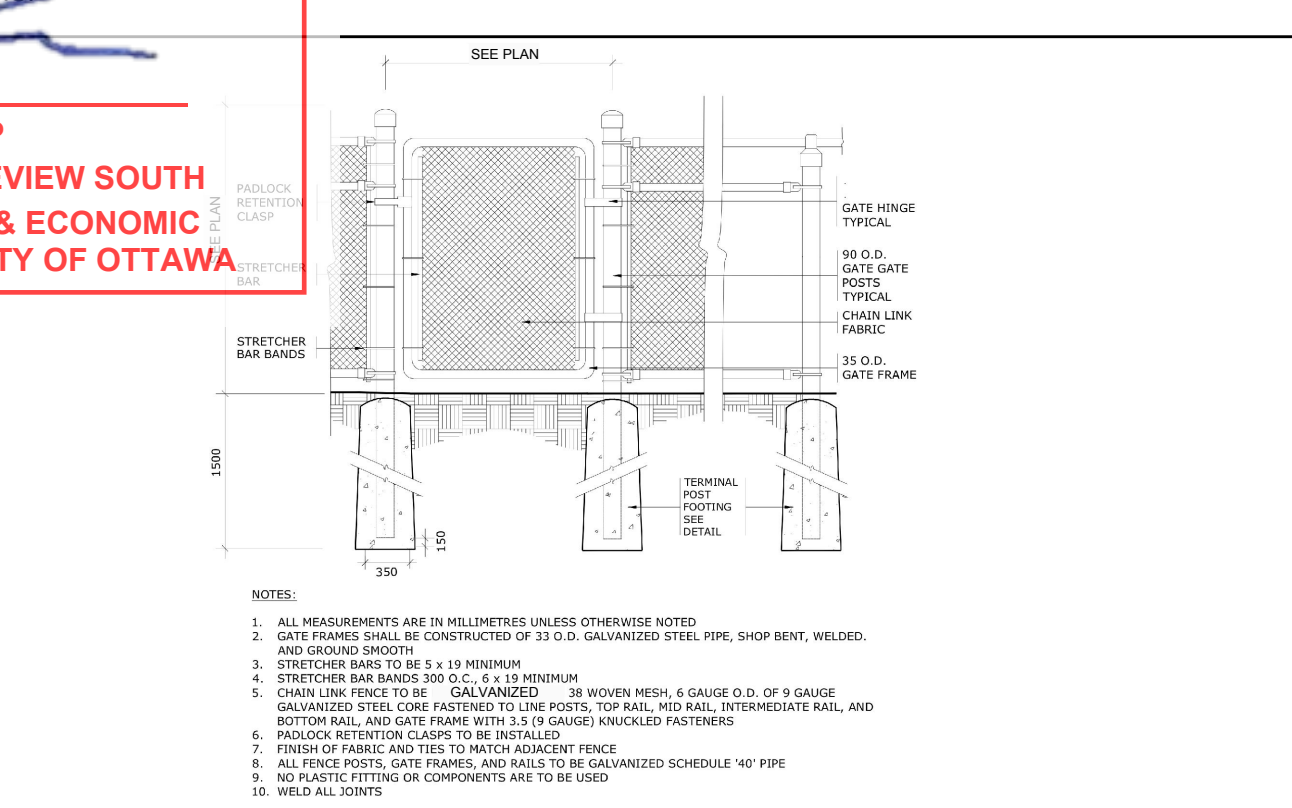
8 ASPHALT RAMP
SCALE: NTS



9 GALVANIZED CHAIN LINK FENCE
SCALE: NTS



10 EDUCATIONAL GARDEN PLOT PLANTER
SCALE: NTS



11 SINGLE CHAINLINK GATE
SCALE: NTS

OTTAWA CATHOLIC SCHOOL BOARD

CONSULTANTS

ARCHITECTS: **P R PYE & RICHARDS - TEMPRANO & YOUNG ARCHITECTS INC.**

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613.724.7700
info@prty.ca

CIVIL ENGINEERS:

Jp2g Consultants Inc.

1150 Morrison Dr., Suite 410
Ottawa, ON K2H 8S8
Tel: (613) 628-1800

EXISTING TREE TO BE REMOVED

LEGEND

- PROPOSED DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- PROPOSED SHRUBS / PERENNIALS
- PROPOSED TREE 'BY OTHERS'
- PROPOSED ENGINEERED WOOD FIBRE
- PROPOSED SOD
- PROPOSED 1.8m Ht. GALVANIZED CHAIN LINK FENCE
- PROPOSED 1.2m Ht. GALVANIZED CHAIN LINK FENCE
- PROPOSED 2.44m Ht. GALVANIZED CHAIN LINK FENCE
- PROPOSED ASPHALT ACCESS RAMP
- 4.5m SETBACK FROM FOUNDATION
- 22.5m SETBACK FROM FOUNDATION

10	REVISED PER FORESTRY COMMENTS	08/10/2022	ML	JL
9	TREES BY OTHERS ADDED	05/05/2022	ML	JL
8	ISSUED FOR TENDER	04/27/2022	ML	JL
7	ISSUED FOR BUILDING PERMIT	04/21/2022	ML	JL
6	ISSUED FOR PRE PERMIT / TENDER REVIEW	03/22/2022	ML	JL
5	PLAN AND FILE NUMBERS ADDED TO DRAWING	03/08/2022	ML	JL
4	REVISED PER CITY COMMENTS	02/28/2022	ML	JL
3	ISSUED FOR COORDINATION	02/10/2022	ML	JL
2	ISSUED FOR 80% / CLASS A COST ESTIMATE	11/30/2021	ML	JL
1	ISSUED FOR SITE PLAN CONTROL	11/22/2021	ML	JL
No.	Issue	Date	MM/DD/YY	DR / CK

JAMES B. LENNOX & ASSOCIATES INC.

LANDSCAPE ARCHITECTS

3332 CARLING AVE. OTTAWA, ONTARIO K2H 5A8
Tel: (613) 722-5168 Fax: (1866) 343-3942

PROJECT

BARRHAVEN CATHOLIC ELEMENTARY SCHOOL

STREET 7, OTTAWA ON

DRAWING

TREE CONSERVATION REPORT & LANDSCAPE PLAN

STAMP

ASSOCIATION OF LANDSCAPE ARCHITECTS OF ONTARIO

MEMBER

SCALE

AS SHOWN

START DATE

November 2021

PROJECT NO.

22PRTY2211

DRAWING NO.

L.1

PLOT SIZE ARCH-D