

ARCHITECTS:
GRC ARCHITECTS
47 RUE CLARENCE, SUITE 401
OTTAWA, ON, K1N 9K1

- PROPOSED DECIDUOUS SHADE TREES (LARGE)
30m3 SOIL VOLUME
- PROPOSED DECIDUOUS FLOWERING TREES (SMALL)
30m3 SOIL VOLUME
- PROPOSED DECIDUOUS FLOWERING TREES (SMALL)
25m3 SOIL VOLUME
- PROPOSED SHRUBS
- PROPOSED SOD
- PROPOSED SEED
- PROPOSED INTERLOCK PAVING
- PROPOSED PEASTONE
- PROPOSED COMPACTED GRAVEL
- PROPOSED WETLAND SEED MIXTURE
- EXISTING VEGETATION TO REMAIN

PROPOSED PLANT LIST						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS
TREES						
BO	2	Quercus macrocarpa	Bur Oak	60mm cal.	B&B	Deciduous
CA	2	Catalpa speciosa	Northern Catalpa	50mm cal.	B&B	Deciduous
CE	3	Thuja occidentalis	Eastern White Cedar	1800 mm ht.	B&B	Coniferous
CR1	11	Malus 'Makamik'	Makamik Crabapple	60mm cal.	B&B	Deciduous
CR2	3	Malus 'Royalty'	Royalty Crabapple	60mm cal.	B&B	Deciduous
ER	4	Cercis canadensis	Eastern Redbud	60mm cal.	B&B	Deciduous
FM	3	Acer x 'Freemanii'	Freeman's Maple	60mm cal.	B&B	Deciduous
HA	2	Crataegus crus-galli var. inermis	Thornless Cockspur Hawthorn	60mm cal.	B&B	Deciduous
HL	5	Clethra tricuspidata	Honey Locust	60mm cal.	B&B	Deciduous
JTL	5	Syringa reticulata	Japanese Tree Lilac	60mm cal.	B&B	Deciduous
NS	1	Picea abies	Norway Spruce	1800 mm ht.	B&B	Coniferous
RM	1	Acer rubrum	Red Maple	60mm cal.	B&B	Deciduous
RO	5	Quercus rubra	Red Oak	60mm cal.	B&B	Deciduous
SB	9	Amelanchier laevis	Serviceberry	60mm cal.	B&B	Deciduous
SM	2	Acer saccharum	Sugar Maple	60mm cal.	B&B	Deciduous
WS	4	Picea glauca	White Spruce	1800 mm ht.	B&B	Coniferous
SHRUBS						
CL	110	Syringa vulgaris	Common Purple Lilac	1200mm ht.	Potted	1500 mm o.c.
DW	460	Cornus sericea	Red Osier Dogwood	800mm ht.	Potted	1200mm o.c.
RR	300	Rosa rugosa	Rugosa Rose	800mm ht.	Potted	800 mm o.c.

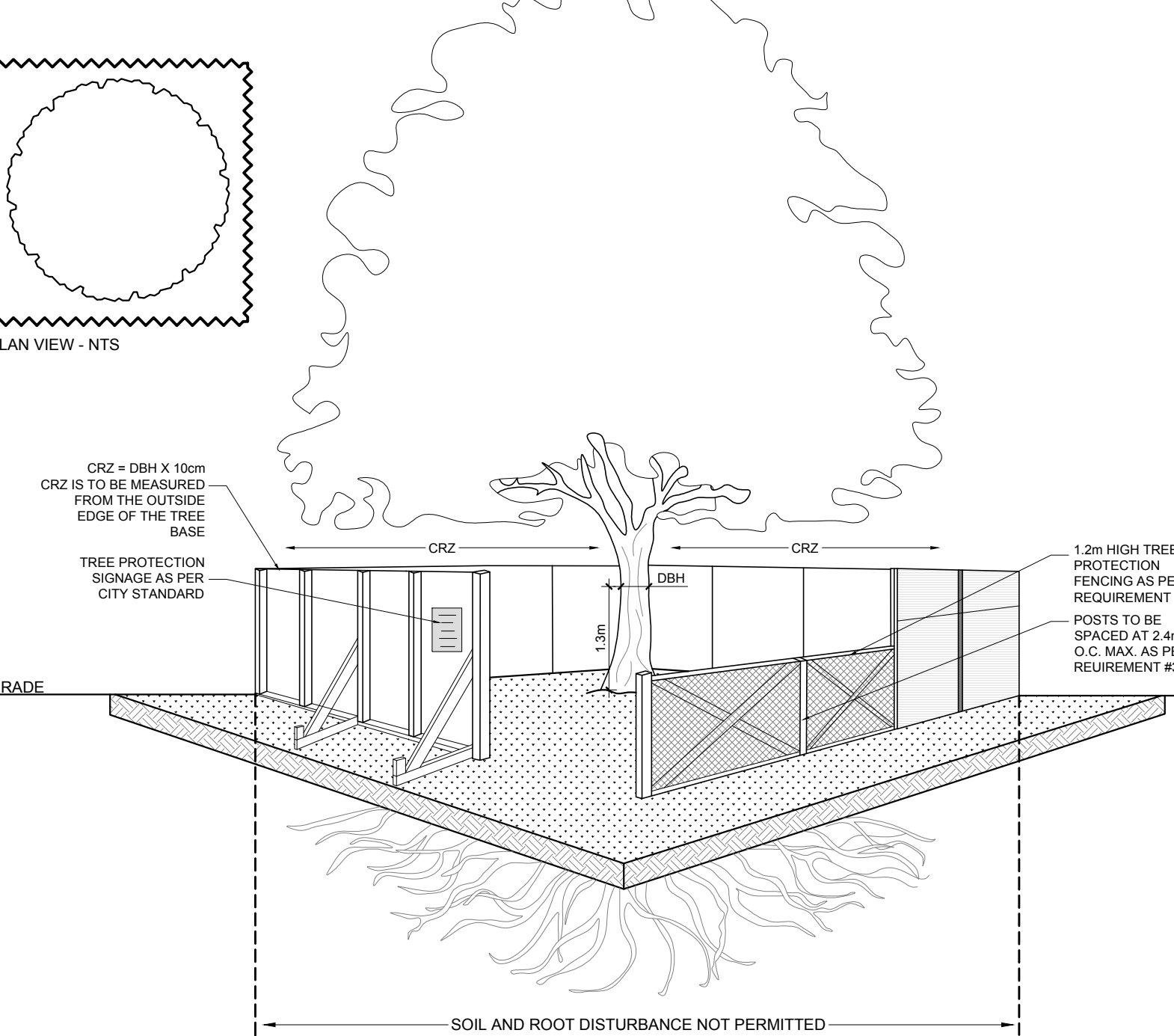


40 YEAR CANOPY CALCULATION:

- 398,900 m2 site area
- 19 Large deciduous trees proposed (154m2 ea.)
- 8 coniferous trees proposed (7m2 ea.)
- 34 small deciduous trees proposed (7m2 ea.)
- Existing Tree Canopy (375,160m2)

=378,956m2 canopy cover = 95% canopy cover

***Large deciduous tree calculated at 14m spread, large coniferous trees at 10m spread, small deciduous tree at 3m spread.**



TREE PROTECTION REQUIREMENTS:

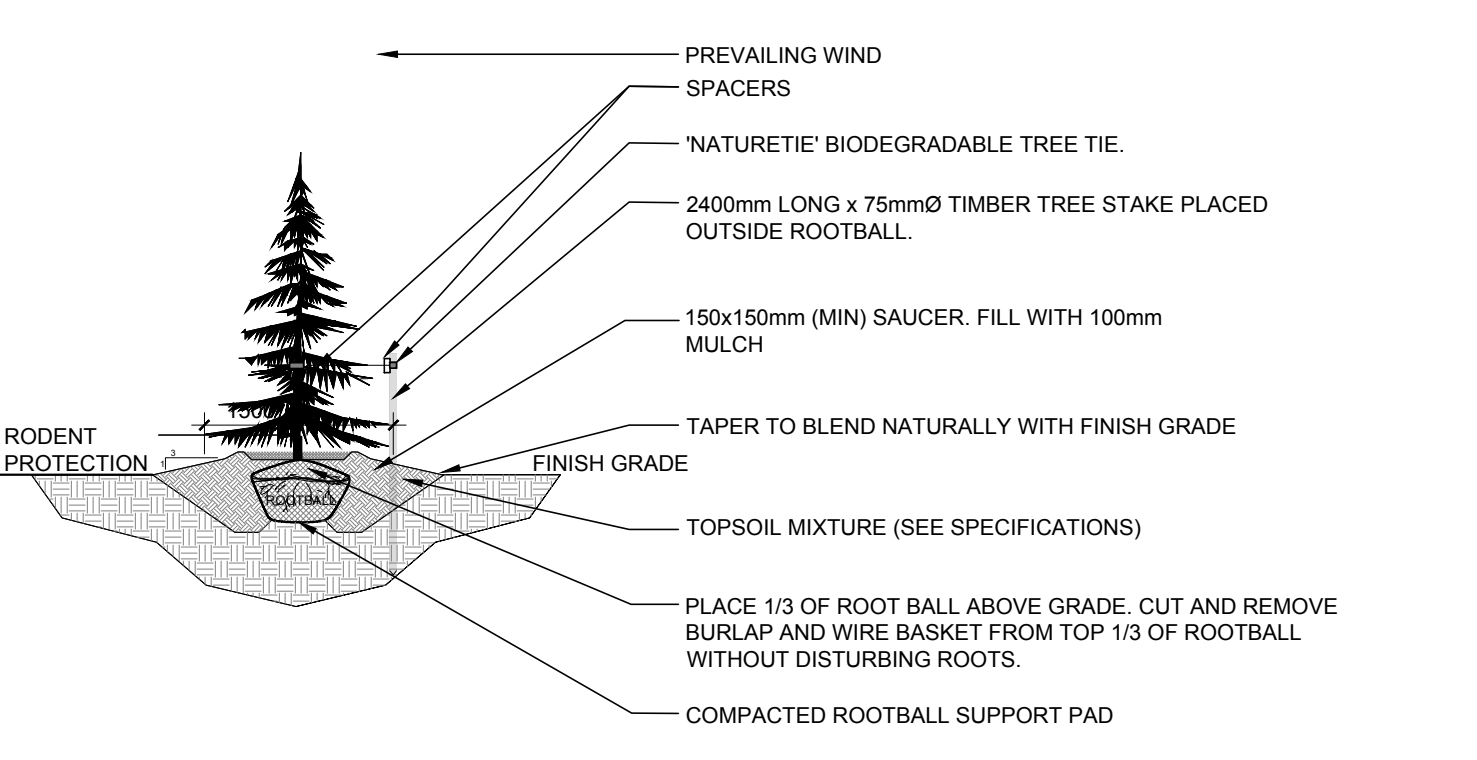
- PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ) ± 10% DIAMETER OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
- UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
 - DO NOT 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 OF ANY TREE;
 - ENSURE THAT EXHAUST FUMES FROM ALL ARE NOT DIRECTED TOWARD ANY TREE CANOPY;
 - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING.
- TREE PROTECTION FENCING MUST BE AT LEAST 1.2m HIGH HEIGHT AND BE CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. MODULOC-STEEL W/ WOOD HANDINGS, OR SHOWN FENCE ON A 2"x2" WOOD FRAME) WITH POSTS 2.4m APART, SUCH THAT THE FENCE LOCATION CANNOT BE AT THE EDGE OF THE CRZ. ALL SUPPORTS AND BRACKETS MUST BE PLACED OUTSIDE OF THE CRZ, AND INSTALLATION MUST MINIMIZE DAMAGE TO EXISTING ROOTS. (SEE DETAIL).
- THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS OR THE TREE CONSERVATION REPORT. TREE DISCLOSURE REPORT (TDR) PLAN AND CONSTRUCTED FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
- IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE THE PLACEMENT OF FWOOD, WOOD CHIPS OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

BY-LAWS:

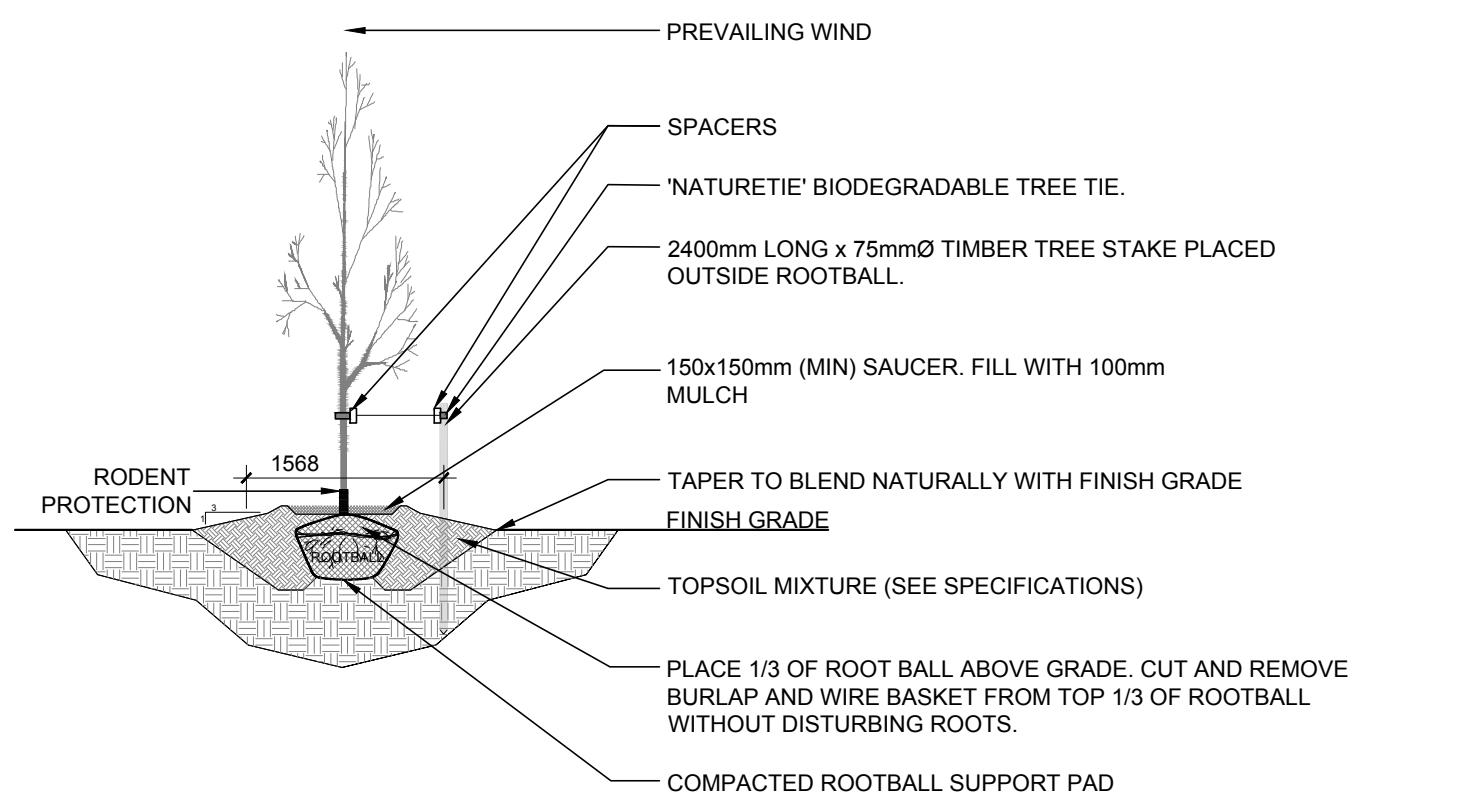
ALL CITY-OWNED TREES ARE PROTECTED UNDER THE MUNICIPAL TREES AND NATURAL AREAS PROTECTION BY-LAW (2006-276) WITHIN THE URBAN AREA.

PRIVATELY-OWNED TREES GREATER THAN 50cm IN DIAMETER ON LOTS 1 HECTARE IN SIZE OR LESS, AND TREES GREATER THAN 10cm IN DIAMETER ON LOTS GREATER THAN 1 HECTARE, ARE PROTECTED UNDER THE URBAN TREE CONSERVATION BY-LAW (2008-200).

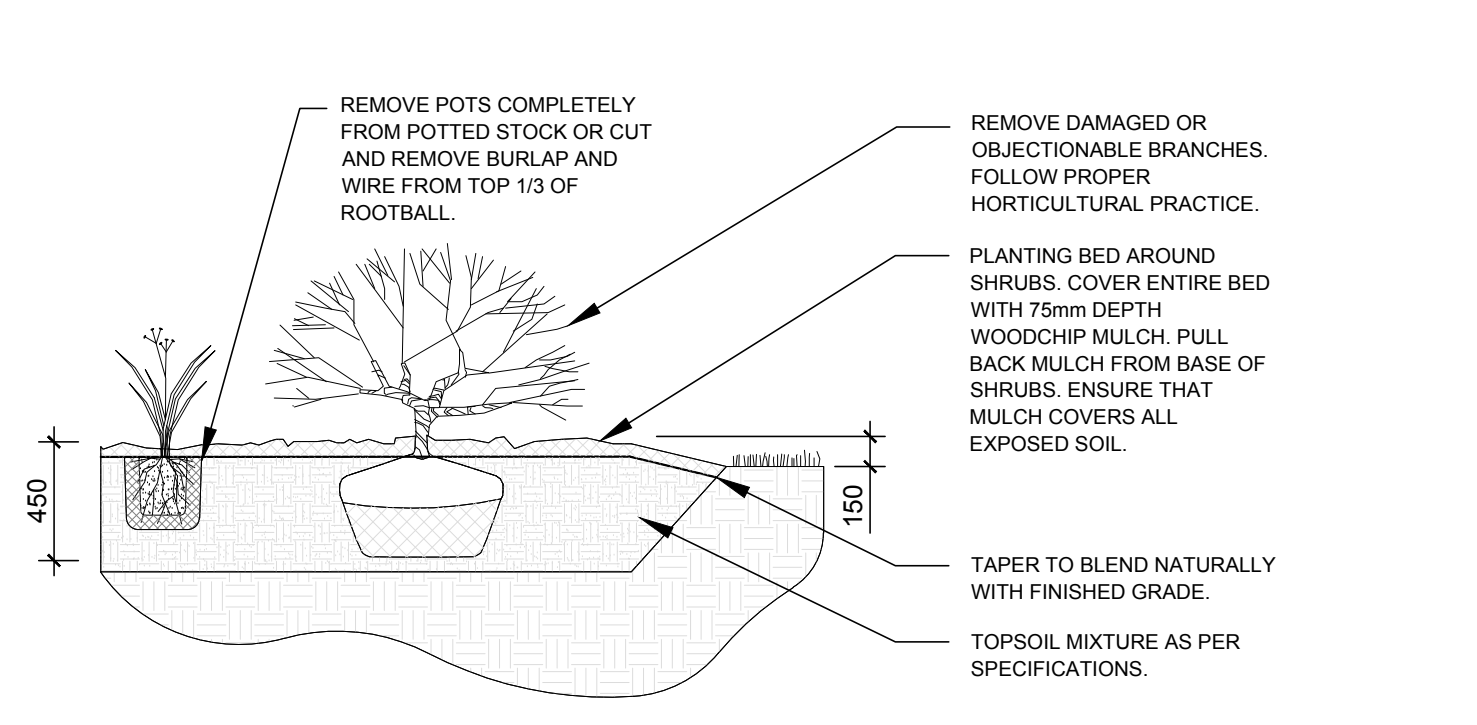
2 TREE PROTECTION FENCING
SCALE: NTS



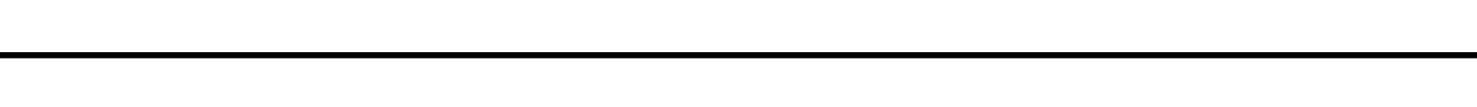
3 CONIFEROUS TREE PLANTING
SCALE: NTS



4 DECIDUOUS TREE PLANTING
SCALE: NTS



5 SHRUB AND PERENNIAL PLANTING
SCALE: NTS



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 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:
 - 9.1. BUILDING FOUNDATIONS - 7.5M
 - 9.2. SIDEWALKS - 1.5M
 - 9.3. PUBLIC STREETS - 2.5M
 - 9.4. 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 MINIMUM DISTANCE OF 75MM FROM BASE OF TREE TRUNK.

