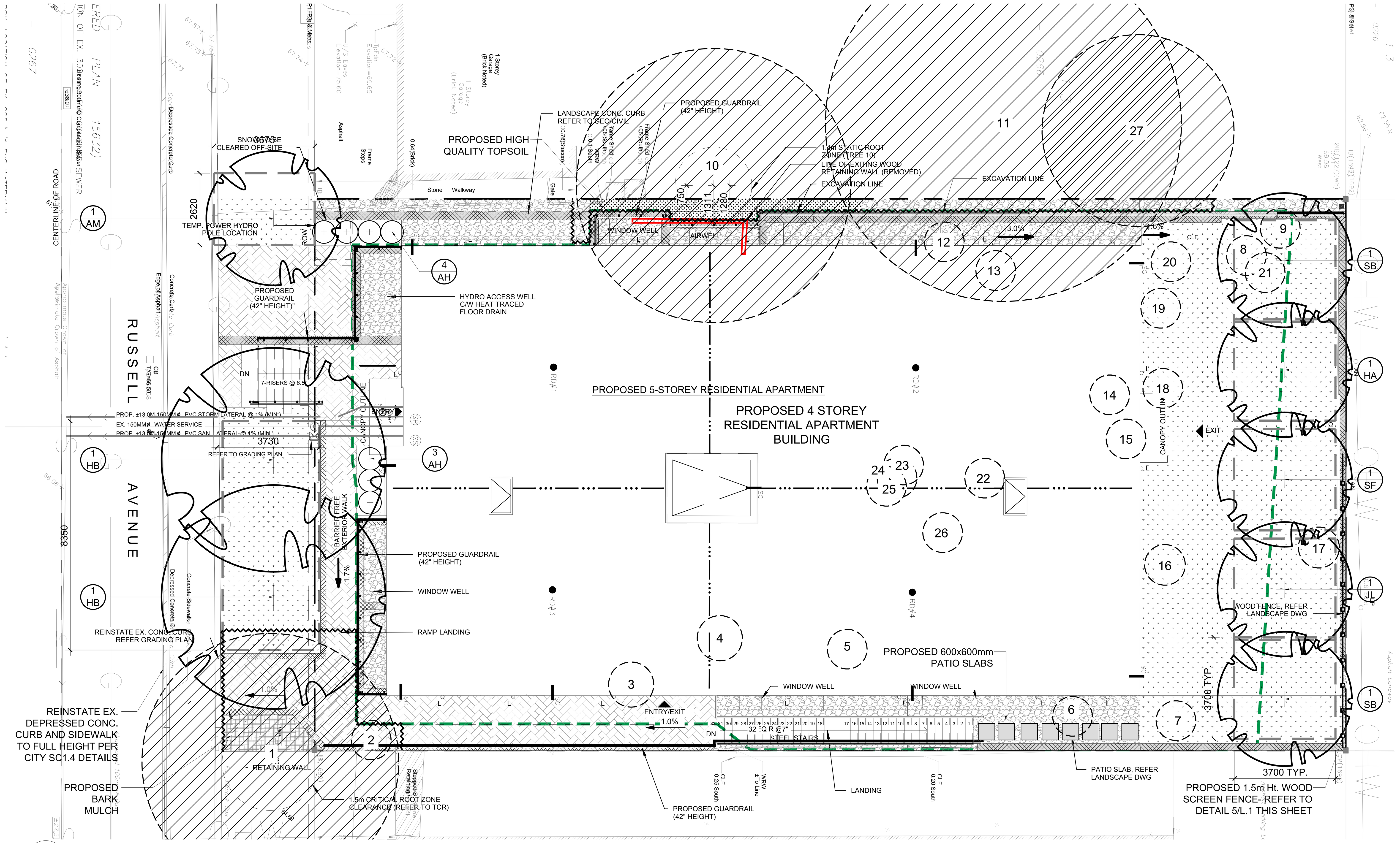
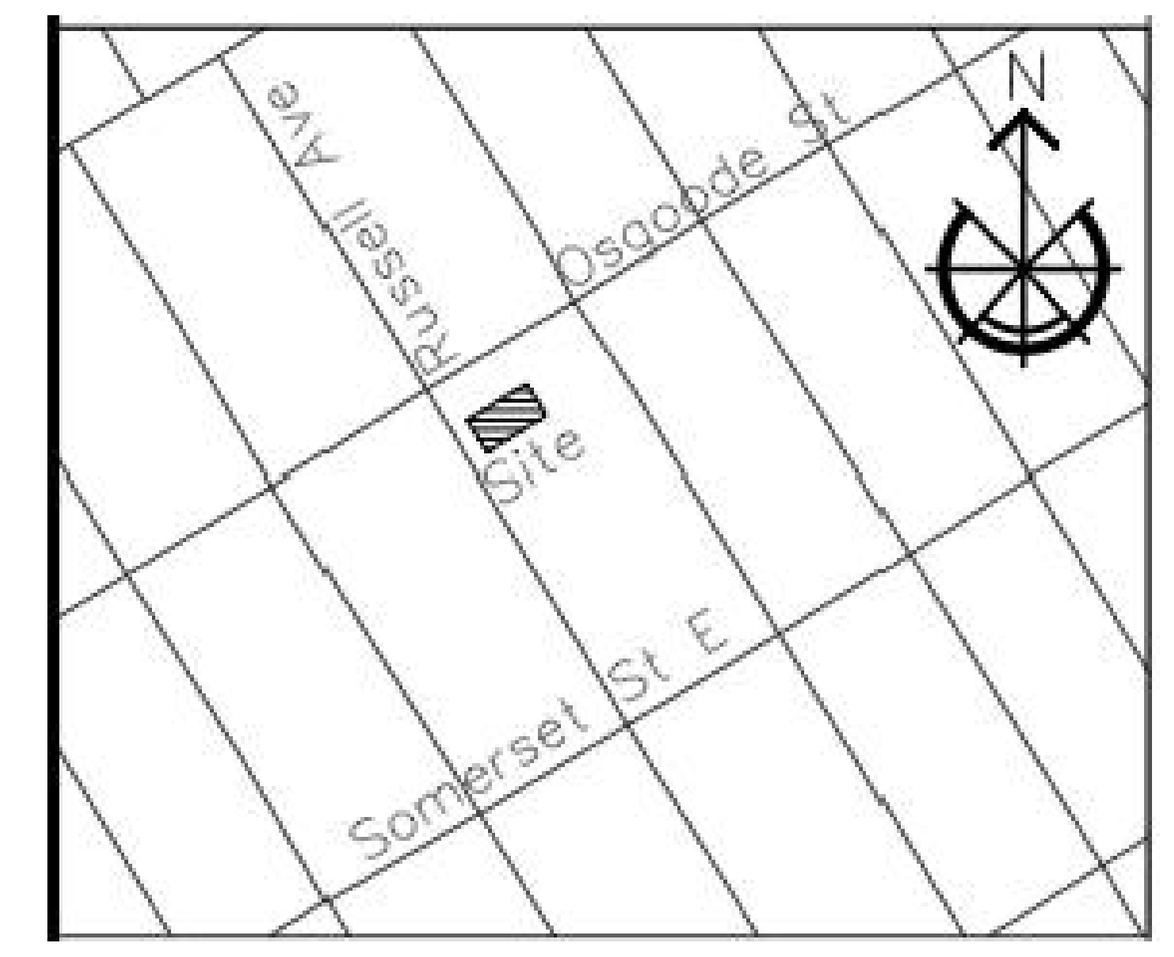
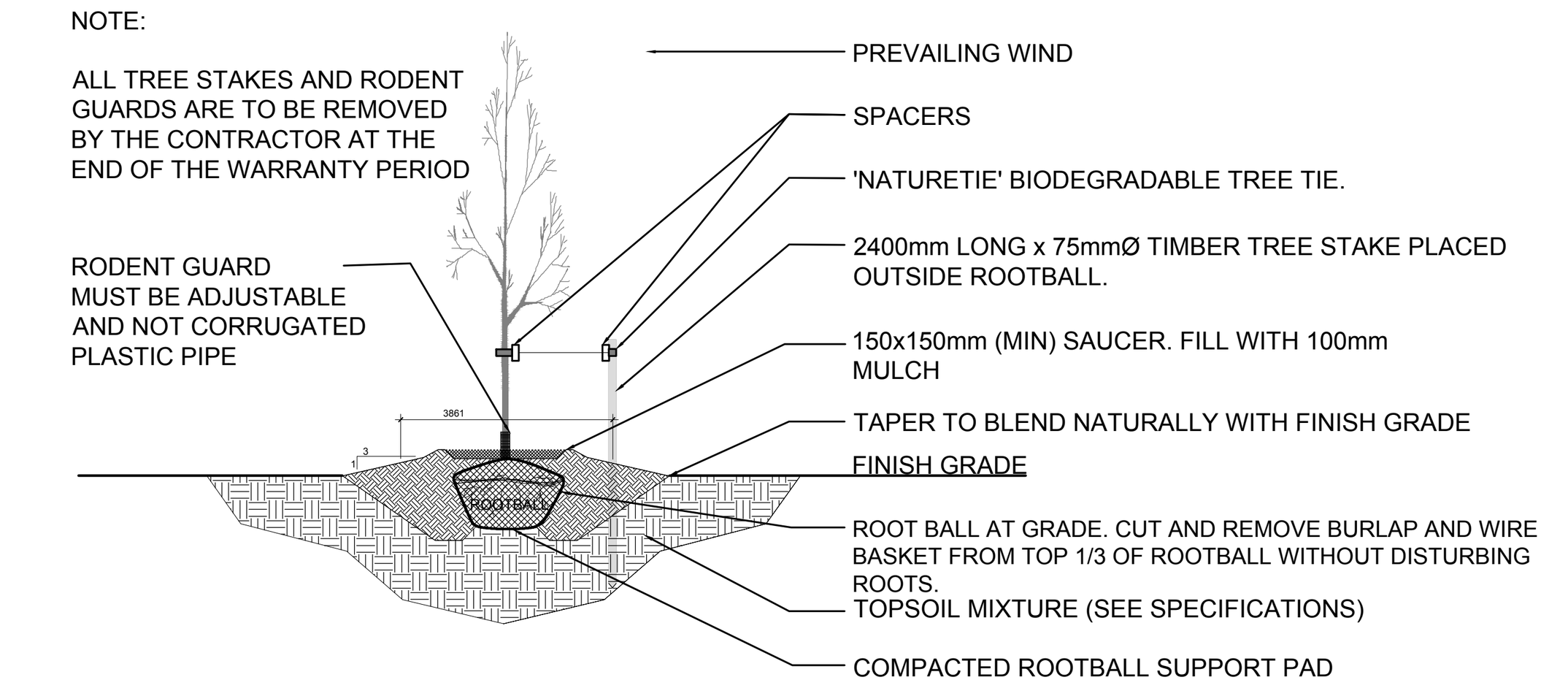


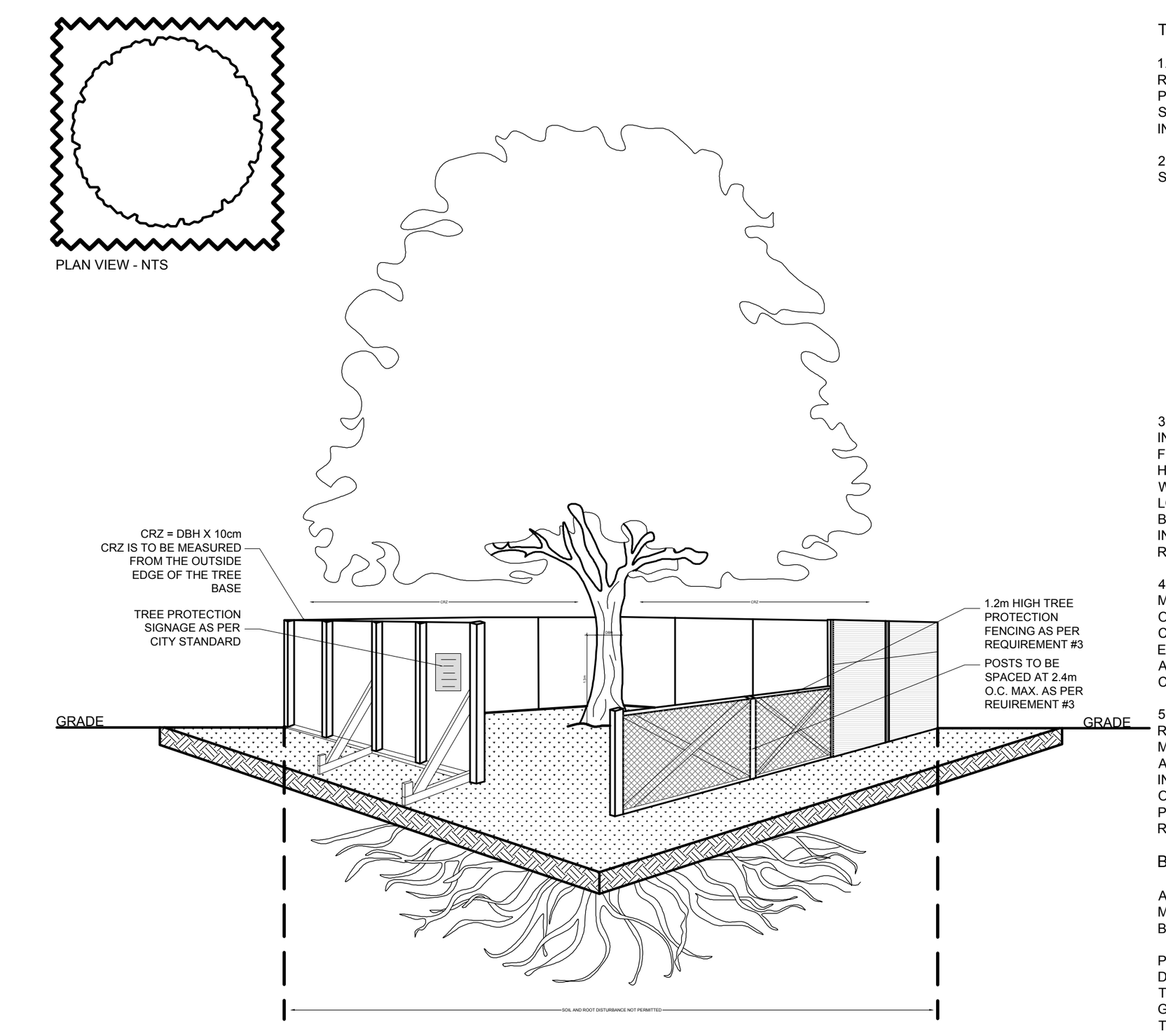
1 / L.1 TREE CONSERVATION REPORT & LANDSCAPE PLAN
SCALE 1:100



KEY PLAN N.T.S.



2 / L.1 DECIDUOUS TREE PLANTING
SCALE: NTS



TREE PROTECTION REQUIREMENTS:

1. PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10X 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 BUNCHES 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 BE 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 DISCLOSURE REPORT, ETC). THE PLAN AND CONSTRUCTED FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.

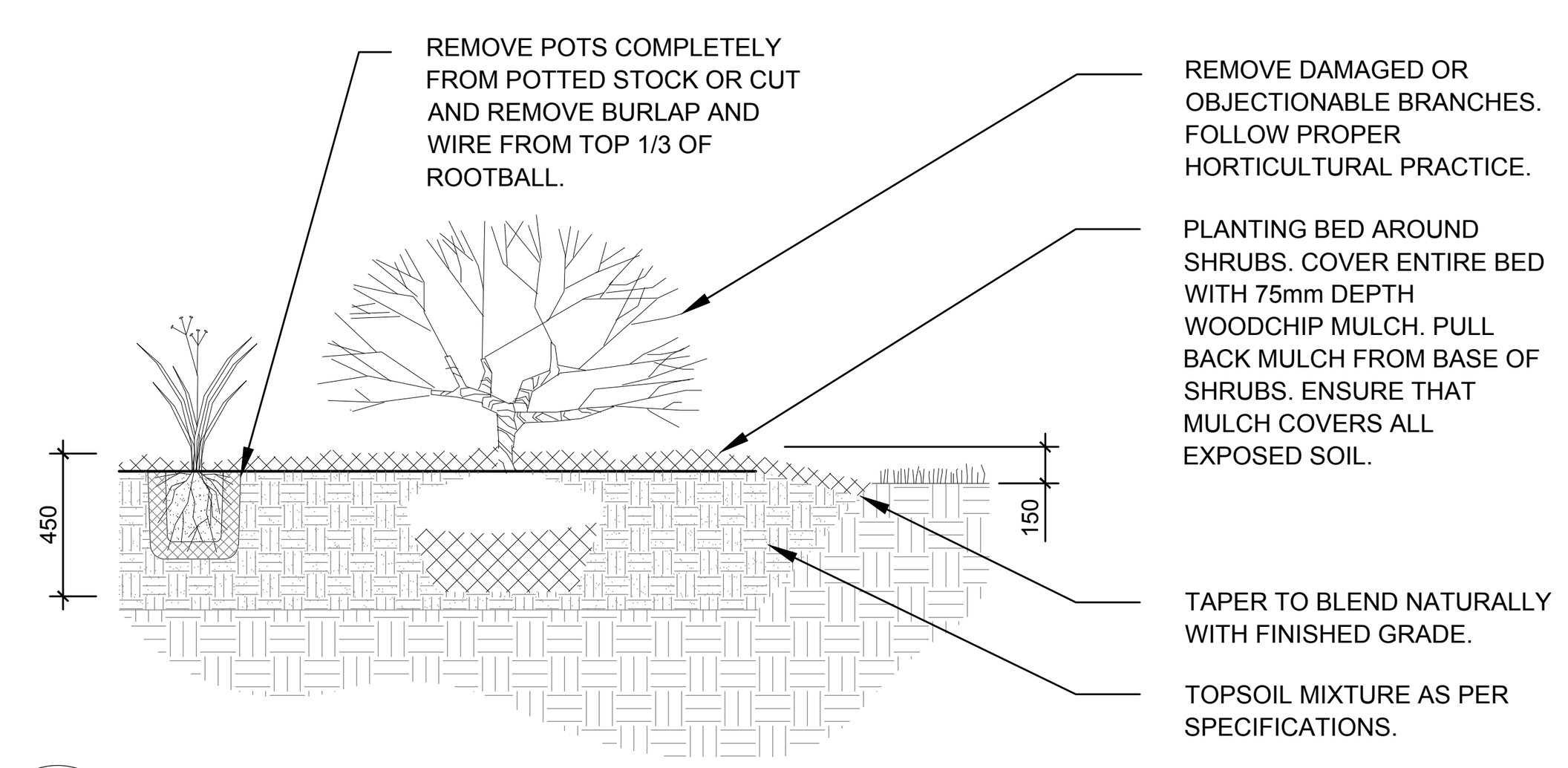
5. IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

BY-LAWS:

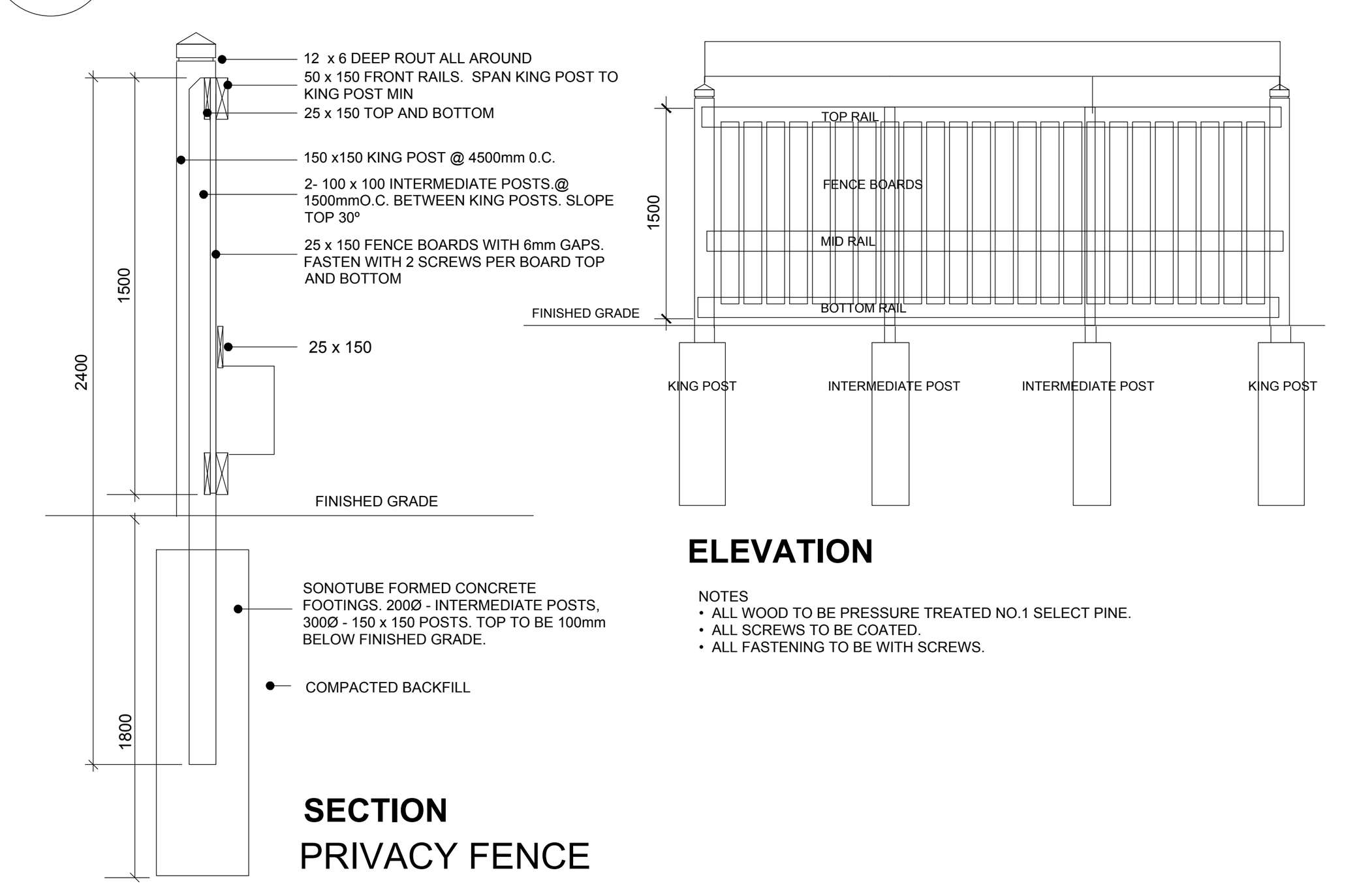
ALL CITY-OWNED TREES ARE PROTECTED UNDER THE MUNICIPAL TREES AND NATURAL AREAS PROTECTION BY-LAW (2006-279). WITHIN THE URBAN AREA,

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 (2020-340).

3 / L.1 TREE PROTECTION FENCE
SCALE: NTS



4 / L.1 SHRUB PLANTING
SCALE: NTS



5 / L.1 1.5m Ht. WOOD SCREEN FENCE
SCALE: NTS

PROPOSED PLANT LIST

QTY. / KEY

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS
TREES						
*AM	1	Acer x freemanii 'Armstrong'	Armstrong Maple	50mm ø	B&B	
HA	1	Crataegus crus galli var inermis	Thornless Cockspur Hawthorn	50mm ø	B&B	
*HB	2	Celtis occidentalis	Hackberry	50mm ø	B&B	
JL	1	Syringa reticulata	Japanese Tree Lilac	50mm ø	B&B	
*SB	2	Amelanchier canadensis	Shadblow Serviceberry	50mm ø	B&B	
*SF	1	Amelanchier laevis 'JFS-ARB'	Spring Flurry Serviceberry	50mm ø	B&B	
SHRUBS						
AH	7	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	1 gallon pot	Potted	Space 1000mm o.c.

*Indicates that species is native to Ontario

EXISTING TREE LIST

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	OWNERSHIP	COMMENTS
1	1	*Acer platanoides*	Norway Maple	490mm DBH	GOOD	To remain	City of Ottawa	
2	1	*Acer negundo*	Manitoba Maple	520mm DBH	GOOD	To be removed	71 Russell Avenue	
3	1	*Picea pungens*	Colorado Spruce	390mm DBH	POOR	To be removed	71 Russell Avenue	
4	1	*Picea pungens*	Colorado Spruce	310mm DBH	POOR	To be removed	71 Russell Avenue	
5	1	*Acer negundo*	Manitoba Maple	700mm DBH	POOR	To be removed	71 Russell Avenue	
6	1	*Acer platanoides*	Norway Maple	300mm DBH	POOR	To be removed	71 Russell Avenue	
7	1	*Acer negundo*	Norway Maple	400mm DBH	GOOD	To be removed	71 Russell Avenue	
8	1	*Acer negundo*	Manitoba Maple	500mm DBH	POOR	To be removed	71 Russell Avenue	
9	1	*Quercus macrocarpa*	Bur Oak	200mm DBH	GOOD	To be removed	71 Russell Avenue	
10	1	*Ulmus americana*	American Elm	500mm DBH	POOR	To remain	69 Russell Avenue	
11	1	*Acer negundo*	Manitoba Maple	500,650mm DBH	POOR	To remain	69 Russell Avenue	
12	1	*Acer negundo*	Manitoba Maple	500mm DBH	DEAD	To be removed	71 Russell Avenue	
13	1	*Acer saccharum*	Sugar Maple	300mm DBH	GOOD	To be removed	71 Russell Avenue	
14	1	*Acer saccharum*	Sugar Maple	100mm DBH	GOOD	To be removed	71 Russell Avenue	
15	1	*Acer platanoides*	Norway Maple	600mm DBH	GOOD	To be removed	71 Russell Avenue	
16	1	*Acer negundo*	Manitoba Maple	600mm DBH	GOOD	To be removed	71 Russell Avenue	
17	1	*Acer saccharum*	Sugar Maple	210mm DBH	GOOD	To be removed	71 Russell Avenue	
18	1	*Acer platanoides*	Norway Maple	700mm DBH	GOOD	To be removed	71 Russell Avenue	
19	1	*Acer saccharum*	Sugar Maple	500mm DBH	GOOD	To be removed	71 Russell Avenue	
20	1	*Acer saccharum*	Sugar Maple	100mm DBH	GOOD	To be removed	71 Russell Avenue	
21	1	*Fraxinus spp.*	Ash	200mm DBH	DEAD	To be removed	71 Russell Avenue	
22	1	*Acer platanoides*	Norway Maple	200mm DBH	GOOD	To be removed	71 Russell Avenue	
23	1	*Acer platanoides*	Norway Maple	100mm DBH	GOOD	To be removed	71 Russell Avenue	
24	1	*Acer platanoides*	Norway Maple	210mm DBH	GOOD	To be removed	71 Russell Avenue	
25	1	*Acer platanoides*	Norway Maple	100mm DBH	GOOD	To be removed	71 Russell Avenue	
26	1	*Acer platanoides*	Norway Maple	400mm DBH	GOOD	To be removed	71 Russell Avenue	
27	1	*Acer negundo*	Manitoba Maple	350mm DBH	POOR	To remain	69 Russell Avenue	

GENERAL NOTES:

1. 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.
2. THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES AND AUTHORITIES PRIOR TO ANY EXCAVATION AND ASCERTAIN LOCATIONS OF UNDERGROUND SERVICES.
3. THE CONTRACTOR IS TO REINSTATE ALL AREAS AND ITEMS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY.
4. THE CONTRACTOR IS TO COMPLY WITH ALL PERTINENT CODES AND BY-LAWS.
5. THE CONTRACTOR IS TO MAINTAIN A POSITIVE SURFACE RUN-OFF THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
6. THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR SUBSURFACE CONDITIONS.
7. THE CONTRACTOR IS TO IDENTIFY ALL EXISTING TREES TO REMAIN ON SITE WITH THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR IS TO STAKE THE PROPOSED LOCATION OF ALL PLANT MATERIAL IN CONJUNCTION WITH THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATION.
9. 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
10. ALL TREES WITHIN 1M OF UNDERGROUND UTILITY TRENCHES ARE TO BE EXCAVATED BY HAND.
11. REMOVE ALL PROTECTIVE WRAPPING FROM TREE TRUNKS AFTER INSTALLATION.
12. STAKING OF TREES SHALL ONLY BE PERFORMED IF NECESSARY.
13. ENSURE THAT MULCH IS PULLED BACK A MINIMUM DISTANCE OF 75MM FROM BASE OF TREE TRUNK.

40 YEAR CANOPY CALCULATION:

757 m^2 site area

(2) Medium Trees Proposed (79m^2 ea.)
(6) Small and columnar trees proposed (16m2 ea.)

= 238m^2 canopy cover = 31.4% canopy cover

***Medium deciduous tree calculated at 10m spread, small and columnar trees calculated at 5m spread.**

TREE PROTECTION NOTES FROM DENDRON FORESTRY SERVICES:

Specific to Tree 10:

No roots shall be severed within the static root zone of tree 10 or beyond the line of excavation where the shoring will be placed.

Crown pruning

- Pruning of branches that will conflict with the proposed building shall occur prior to construction to avoid breakage and shall be completed by a Certified Arborist. Any pruning is to be completed during dormant season, from October 1 to March 31 to avoid the spread of Dutch Elm Disease.
- If the canopy suffers accidental damage from construction equipment or weather during the active season, the broken branches must be pruned to a proper lateral immediately. These fresh wounds should be promptly coated with a non-phytotoxic pruning paint or wound dressing to mask the chemical attractants from beetles.

Root pruning:

- Root damage induces tree stress, lowering the resistance to pathogens. Root pruning and excavation should ideally align with the dormant canopy pruning window, but if summer excavation is unavoidable, the following protocols must be followed:

Root Severance: Roots must **not** be ripped by excavators. The roots along the proposed excavation line shall be exposed in advance of excavation via airspade or via hydro-vac and cleanly severed using sharpened hand tools. Clean cuts minimize the exposed surface area and promote rapid wound closure, limiting access points for soil-borne decay fungi.

Preventing Desiccation: Roots exposed during active-season excavation are susceptible to drying out. Any exposed roots that are to be retained must be immediately covered with damp burlap and kept consistently moist until proper backfilling occurs.

All root and crown pruning shall be completed by a Certified Arborist using sanitized tools

Recommendation: check pruned branches for vascular staining (brown streaks or solid brown ring in outer sapwood) for evidence of Dutch elm disease

Specifics for Tree 1:

Tree protection area to be maintained until the walkway is constructed. Prior to walkway construction, certified arborist is to prune roots ahead of time to reduce risk of tearing and poor cuts.

Any canopy pruning to be completed by a certified arborist

Specifics for tree 11 and 27:

Roots to be severed ahead of excavation to avoid tearing. All root and canopy pruning to be completed by certified arborist.

LEGAL DESCRIPTION

LOT 14
EAST SIDE OF RUSSELL AVENUE
REGISTERED PLAN 58319
CITY OF OTTAWA

CLIENT

JERSEY DEVELOPMENTS INC.

CONSULTANTS

ARCHITECTS:
LAWRENCE ARCHITECTS INC.
18 Deakin Street #205
Ottawa, ON K2E 8B7
Tel : (613) 739-7770

SURVEYORS:
FARLEY, SMITH & DENIS SURVEYING LTD.
ONTARIO LAND SURVEYORS
CANADA LAND SURVEYORS
Unit 275, 30 COLONNADE ROAD, OTTAWA, ONTARIO K2E 7J6
TEL. (613) 727-8226 E-mail: info@fsdsurveys.ca

CIVIL ENGINEERS:
TL MAK ENGINEERING CONSULTANTS INC.
1455 Youville Drive Unit 218
Orleans, ON K1C 6Z7
Tel : (613) 837-5516

LEGEND

- PROPOSED SODDED GRASS AREA
- PROPOSED RIVERSTONE MULCH (75-100mm DIA. / 3-4 INCH DIA.)
- PROPOSED PRECAST CONCRETE PAVERS
- PROPOSED HIGH QUALITY TOPSOIL
- REQUIRED SOIL VOLUME AT A 1.5m DEPTH PROPOSED DECIDUOUS TREE
- PROPOSED SHRUBS
- EXISTING TREE TO REMAIN (REFER TO TIR ADDENDUM PREPARED BY DENDRON FORESTRY SERVICES FOR ADDITIONAL INFORMATION)
- EXISTING TREE TO BE REMOVED (REFER TO TIR ADDENDUM PREPARED BY DENDRON FORESTRY SERVICES FOR ADDITIONAL INFORMATION)
- TREE PROTECTION FENCE
- 1.5m Ht. WOOD SCREEN FENCE
- PROPOSED BARK MULCH
- EXCAVATION LINE

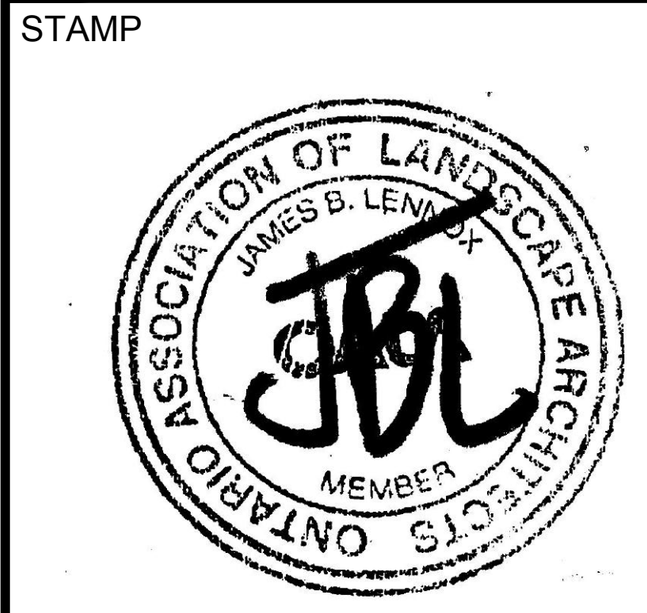
No.	Issue	Date MM/DD/YY	DR	CK
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5	REVISED PER CITY COMMENTS	10/14/2026	ML	JL
4	REVISED PER CITY COMMENTS	08/25/2026	ML	JL
3	REVISED PER CITY COMMENTS	05/29/2026	ML	JL
2	REVISED PER CITY COMMENTS	04/16/2026	ML	JL
1	ISSUED FOR SITE PLAN CONTROL	01/30/2026	ML	JL

JAMES B. LENNOX & ASSOCIATES INC.
LANDSCAPE ARCHITECTS
3332 CARLING AVE. OTTAWA, ONTARIO K2H 5A8
Tel. (613) 722-5168 Fax. 1(866) 343-3942

PROJECT
PROPOSED 4 STOREY RESIDENTIAL APARTMENT
71 RUSSELL AVENUE, OTTAWA ON

DRAWING
TREE CONSERVATION REPORT & LANDSCAPE PLAN

STAMP

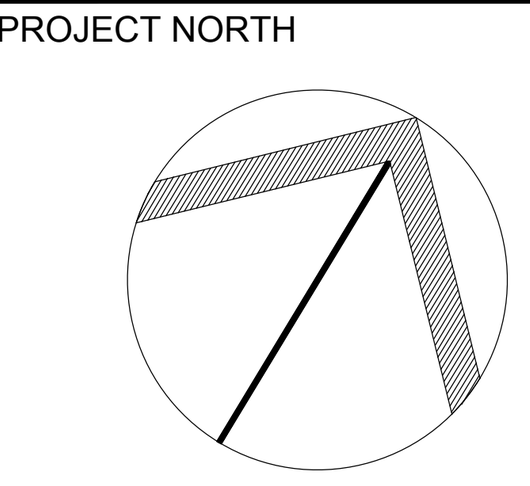


SCALE
AS SHOWN

START DATE
DECEMBER 2025

PROJECT NO.
26MIS2615

PROJECT NORTH



DRAWING NO.
L.1

PLOT SIZE ARCH-D

D07-12-26-0014

#19441