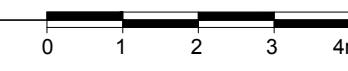
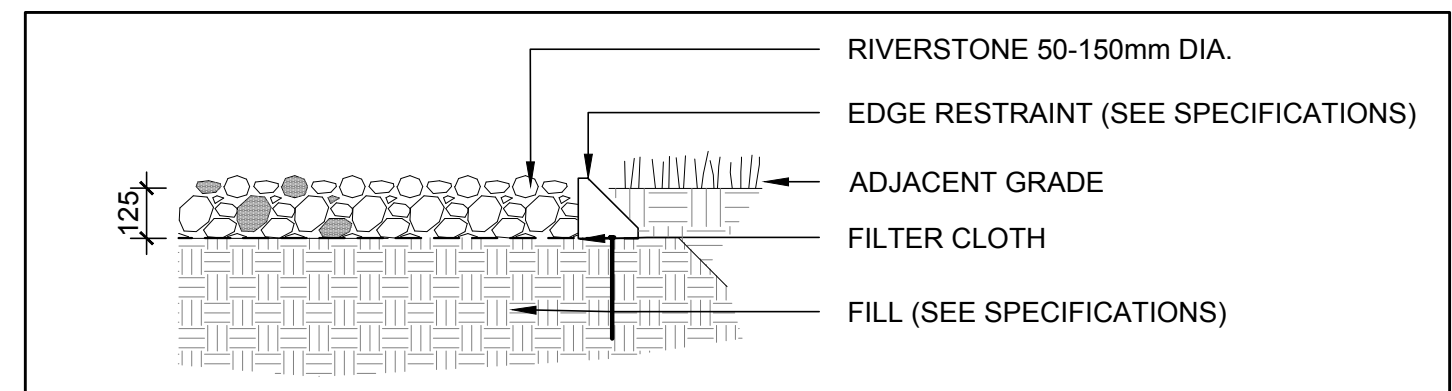


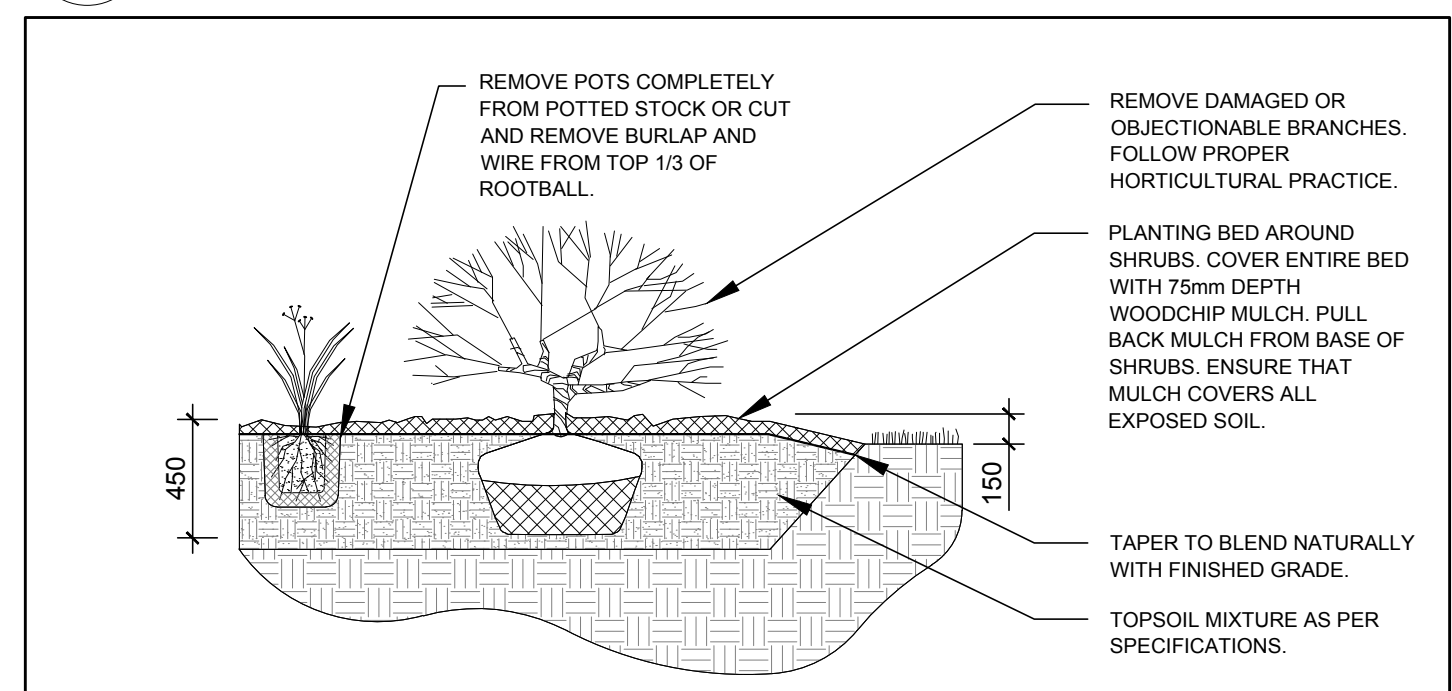
1 TREE CONSERVATION REPORT & LANDSCAPE PLAN  
SCALE 1:100



2 RIVERSTONE  
SCALE NTS



3 SHRUB/PERENNIAL PLANTING  
SCALE NTS



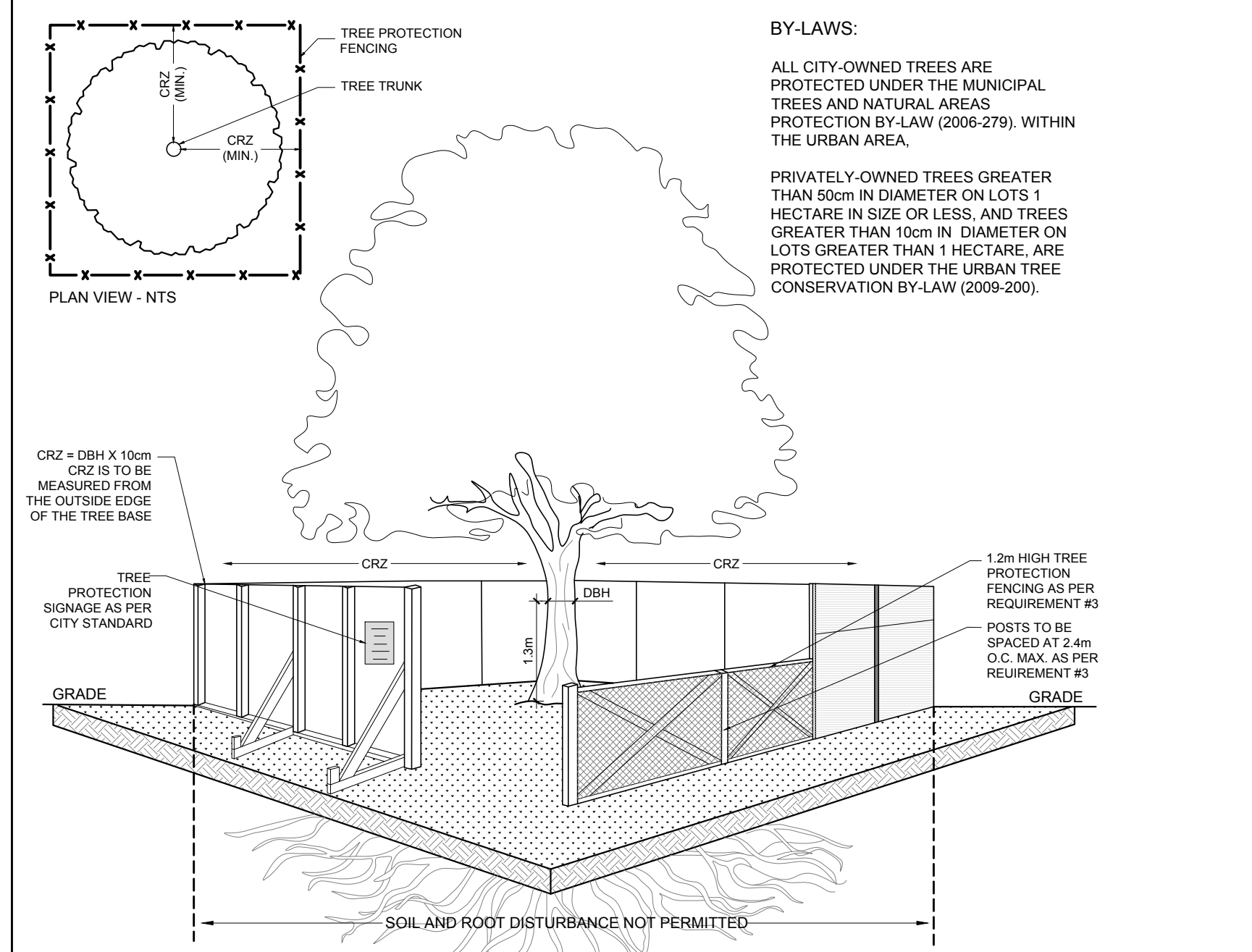
- GENERAL NOTES:**
- IT IS THE RESPONSIBILITY OF THE APPROPRIATE CONTRACTOR OR OFFICIAL TO REPORT ANY ERRORS, OMISSIONS OR DISCREPANCIES ON THIS PLAN WITH ACTUAL SITE CONDITIONS TO THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION.
  - THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES AND AUTHORITIES 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 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 MINIMUM DISTANCE OF 75MM FROM BASE OF TREE TRUNK.

**EXISTING TREE LIST**

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	OWNERSHIP
AS	1	Acer saccharum	Sugar Maple	240mm dbh	GOOD	To be removed	City of Ottawa
AN	6	Acer negundo	Manitoba Maple	300-510mm dbh	FAIR-GOOD	To Remain	312 Laurier Ave
MM	1	Acer negundo	Manitoba Maple	330mm dbh	POOR	To Remain	City of Ottawa
PC	2	Thuja occidentalis 'Fastigiata'	Pyramidal Cedar	150mm dbh	GOOD	To Remain	City of Ottawa
UA	1	Ulmus americana	American Elm	430mm dbh	GOOD	To Remain	312 Laurier Ave

**PROPOSED PLANT LIST**

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
<b>DECIDUOUS TREES</b>						
AC	3	Amelanchier canadensis 'Multi-Stem'	Multi-Stem Serviceberry	3 gal pot	Potted	
QM	1	Quercus macrocarpa	Bur Oak	60mm dia.	B&B	
<b>SHRUBS</b>						
Ah	8	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	3 gal. pot	Potted	800 mm o.c.
Rr	5	Rosa rugosa	Rugosa Rose	800 mm ht.	Potted	800 mm o.c.
Sa	1	Spiraea x arguta	Garland Spirea	800 mm Spr.	Potted	1000 mm o.c.
Pg	1	Hydrangea paniculata 'PeeGee'	PeeGee Hydrangea	1000mm ht.	Potted	
<b>PERENNIALS/ GRASSES</b>						
ge	5	Geranium macrorrhizum 'Spessart'	Bigroot Cranesbill	100mm pot	Potted	500 mm o.c.
hm	3	Panicum virgatum 'Heavy Metal'	Heavy Metal Switchgrass	250mm pot	Potted	600 mm o.c.
hp	10	Hemerocallis 'Pandora's Box'	Pandora's Box Daylily	150mm pot	Potted	400 mm o.c.
hs	18	Hemerocallis 'Stella D'Oro'	Stella D'Oro Day Lily	150mm pot	Potted	300 mm o.c.
pa	8	Pennisetum alopecuroides 'Hameln'	Dwarf Fountain Grass	150mm pot	Potted	150mm pot
pv	10	Panicum virgatum 'Shenandoah'	Shenandoah Switchgrass	100mm pot	Potted	500 mm o.c.
st	15	Sedum telephium 'Autumn Joy'	Autumn Joy Sedum	150mm pot	Potted	400 mm o.c.



- TREE PROTECTION REQUIREMENTS:**
- 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.
  - 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 SOPE 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
  - 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 MINIMIZE DAMAGE TO EXISTING TREES. (SEE DETAIL)
  - 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.
  - 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.

4 TREE PROTECTION FENCE  
SCALE NTS



- LEGEND**
- PROPOSED SOD
  - PROPOSED PAVERS
  - PROPOSED RIVERSTONE
  - PROPOSED MULCH
  - TREE PROTECTION FENCE
  - PROPOSED 4-SPACE BIKE RACK
  - EXISTING TREE TO REMAIN
  - EXISTING TREE TO BE REMOVED
  - PROPOSED DECIDUOUS TREE
  - PROPOSED SHRUBS / PERENNIALS
  - PROPOSED PRECAST PLANTER

No.	Issue	Date	DR	CK
4	REVISED PER CITY COMMENTS	12/22/2022	ML	JL
3	EXISTING TREES UPDATED	11/02/2022	ML	JL
2	REVISED AS PER HYDRO COMMENTS	10/12/2022	WF	JL
1	ISSUED FOR COMMENTS AND REVIEW	07/13/2022	WF	JL

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3332 CARLING AVE. OTTAWA, ONTARIO K2H 1S8  
Tel: (613) 722-5168 Fax: (613) 343-3942

**PROJECT**  
29 RUSSELL AVE  
OTTAWA

**DRAWING**  
TREE CONSERVATION REPORT & LANDSCAPE PLAN

STAMP	SCALE
	AS SHOWN
	START DATE JUNE, 2022
	PROJECT NO. 22SMT2259

**PROJECT NORTH**

**DRAWING NO.**  
**L.1**

PLOT SIZE ARCH-D