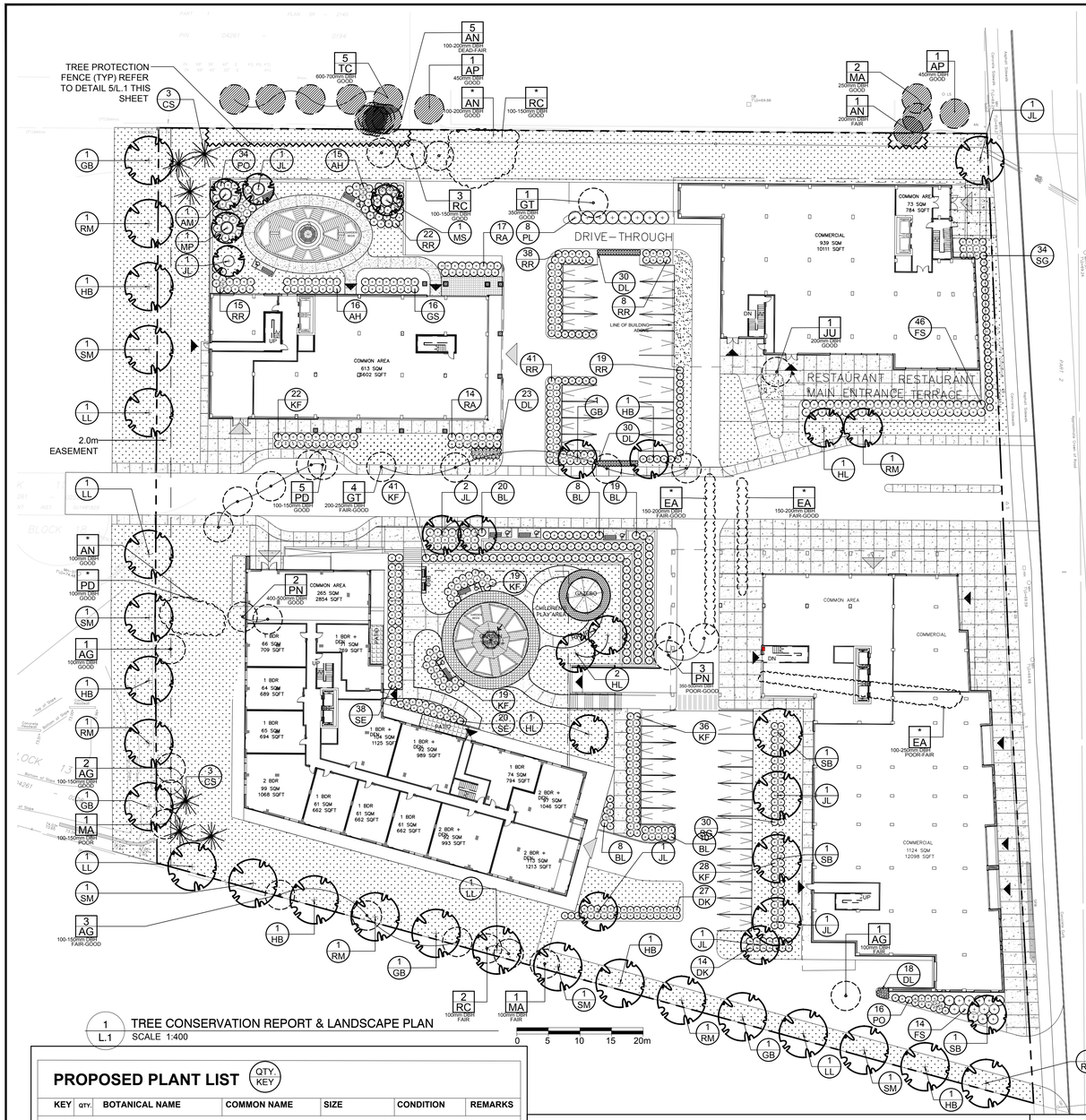
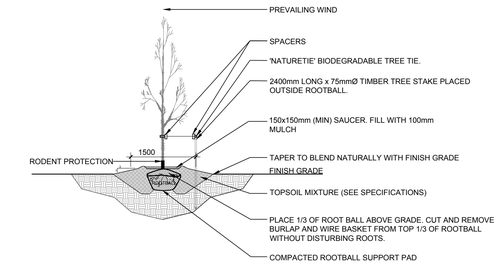
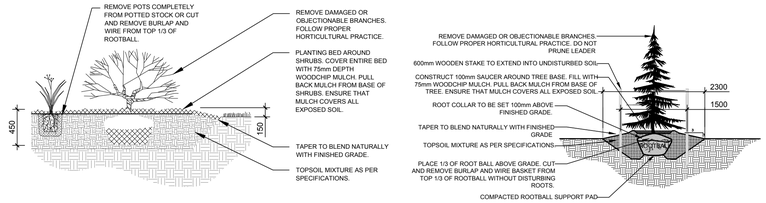


1 L.1 TREE CONSERVATION REPORT & LANDSCAPE PLAN
SCALE 1:400

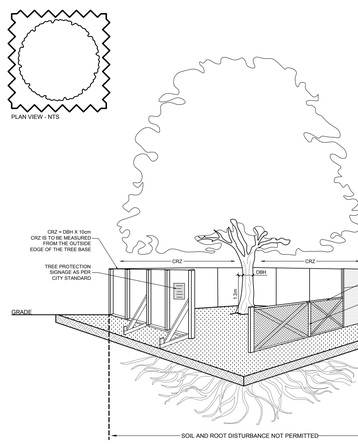


2 L.1 DECIDUOUS TREE PLANTING
SCALE: NTS



3 L.1 SHRUB / PERENNIAL / ORNAMENTAL GRASS PLANTING
SCALE: NTS

4 L.1 CONIFEROUS 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. MOSU-OC / 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 (2009-200).

5 L.1 TREE PROTECTION FENCE
SCALE: NTS

PROPOSED PLANT LIST (QTY. / KEY)

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS
TREES						
AM	1	Acer ginnala	Amur Maple	60mm cal.	B&B	
CS	6	Picea pungens	Colorado Spruce	1800mm ht.	B&B	
GB	5	Ginkgo biloba	Maidenhair Tree	60mm cal.	B&B	Male tree
HB	6	Celtis occidentalis	Hackberry	60mm cal.	B&B	
HL	4	Gleditsia triacanthos 'Skyline'	Skyline Honey Locust	60mm cal.	B&B	
JL	9	Syringa reticulata	Japanese Tree Lilac	60mm cal.	B&B	
LL	5	Tilia cordata	Littleleaf Linden	60mm cal.	B&B	
MP	1	Malus 'Profusion'	Profusion Crabapple	60mm cal.	B&B	
MS	1	Malus 'Snowdrift'	Snowdrift Crabapple	60mm cal.	B&B	
RM	6	Acer rubrum	Red Maple	60mm cal.	B&B	
SB	3	Amelanchier canadensis	Serviceberry	60mm cal.	B&B	
SM	5	Acer saccharum	Sugar Maple	60mm cal.	B&B	
SHRUBS						
AH	31	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	1 gallon pot	Potted	1000 mm o.c.
GS	16	Spiraea x arguta	Garland Spirea	800mm ht.	Potted	1000 mm o.c.
PL	8	Syringa vulgaris	Common Purple Lilac	1200mm ht	Potted/stringball	2000 mm o.c.
PO	50	Potentilla fruticosa 'Goldfinger'	Goldfinger Potentilla	600mm ht.	Potted	1000 mm o.c.
RA	31	Rhus aromatica	Fragrant Sumac	600mm ht.	Potted	1000 mm o.c.
RR	140	Rosa rugosa	Rugosa Rose	600mm ht.	Potted	1000 mm o.c.
FS	60	Sorbaria sorbifolia	Ural False Spirea	800mm ht.	Potted	1000 mm o.c.
SE	58	Sorbaria sorbifolia 'Sem'	Sem False Spirea	600mm ht.	Potted	1000 mm o.c.
PERENNIALS						
BL	65	Leymus arenarius 'Blue Dune'	Blue Lyme Grass	250mm pot	Potted	800 mm o.c.
DK	41	Calamagrostis brachytricha	Dwarf Korean Reed Grass	250mm pot	Potted	800 mm o.c.
DL	101	Hemerocallis 'Stella D'Oro'	Stella D'Oro Daylily	100mm pot	Potted	400 mm o.c.
KF	165	Calamagrostis 'Karl Foerster'	Feather Reed Grass	250mm pot	Potted	800 mm o.c.
SG	64	Panicum virgatum 'Shenandoah'	Shenandoah Switchgrass	250mm pot	Potted	800 mm o.c.

EXISTING TREE LIST (QTY. / KEY / SIZE)

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS
TREES						
AG	4	Acer ginnala	Amur Maple	100-150mm DBH	FAIR-GOOD	To be removed
AN	*	Acer negundo	Manitoba Maple	100-200mm DBH	DEAD-GOOD	See Plan
AP	2	Acer platanoides	Norway Maple	450mm DBH	GOOD	To remain
EA	*	Eleangus angustifolia	Russian Olive	100-250mm DBH	POOR-GOOD	To be removed
GT	5	Gleditsia triacanthos	Honey Locust	200-350mm DBH	FAIR-GOOD	To be removed
JU	1	Juniperus sp.	Juniper	200mm DBH	GOOD	To be removed
MA	4	Malus sp.	Crabapple	100-250mm DBH	POOR-GOOD	See Plan
PD	*	Populus deltoides	Eastern Cottonwood	100-150mm DBH	GOOD	To be removed
PN	6	Pinus nigra	Austrian Pine	350-500mm	POOR-GOOD	To be removed
RC	*	Rhamnus cathartica	Common Buckthorn	100-150mm	FAIR-GOOD	To be removed
TC	5	Tilia cordata	Littleleaf Linden	600-700mm DBH	GOOD	To remain

* *DENOTES NUMEROUS*

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:
- Building Foundations 7.5m
- Sidewalks 1.5m
- Public Streets 2.5m
- 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 min. distance of 75mm from base of tree trunk.

CLIENT:
HEAFEY GROUP

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Ontario Land Surveyors

CIVIL & GEOTECHNICAL ENGINEERS:
exp.

LEGEND
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- GROUP OF EXISTING TREES TO BE REMOVED
- PROPOSED DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- PROPOSED SHRUBS / PERENNIALS / ORNAMENTAL GRASSES
- PROPOSED SOD
- PROPOSED RIVERSTONE MULCH
- PROPOSED TREE PROTECTION FENCE

No.	Issue	Date MM/DD/YY	DR	CK
4	ISSUED FOR COORDINATION	10/14/2021	ML	JL
3	ISSUED FOR COORDINATION	10/07/2021	ML	JL
2	ISSUED FOR COORDINATION	08/03/2021	ML	JL
1	ISSUED FOR DISCUSSION AND REVIEW	07/30/2021	ML	JL

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PROJECT
1740-1760 ST. LAURENT BOULEVARD DEVELOPMENT
1740-1760 ST. LAURENT BLVD, OTTAWA ON

DRAWING
TREE CONSERVATION REPORT & LANDSCAPE PLAN

STAMP
ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO JAMES B. LENNOX MEMBER

SCALE: AS SHOWN
START DATE: FEBRUARY 2020
PROJECT NO.: 20MIS2021
PROJECT NORTH
DRAWING NO.: L.1
PLOT SIZE ARCH-D