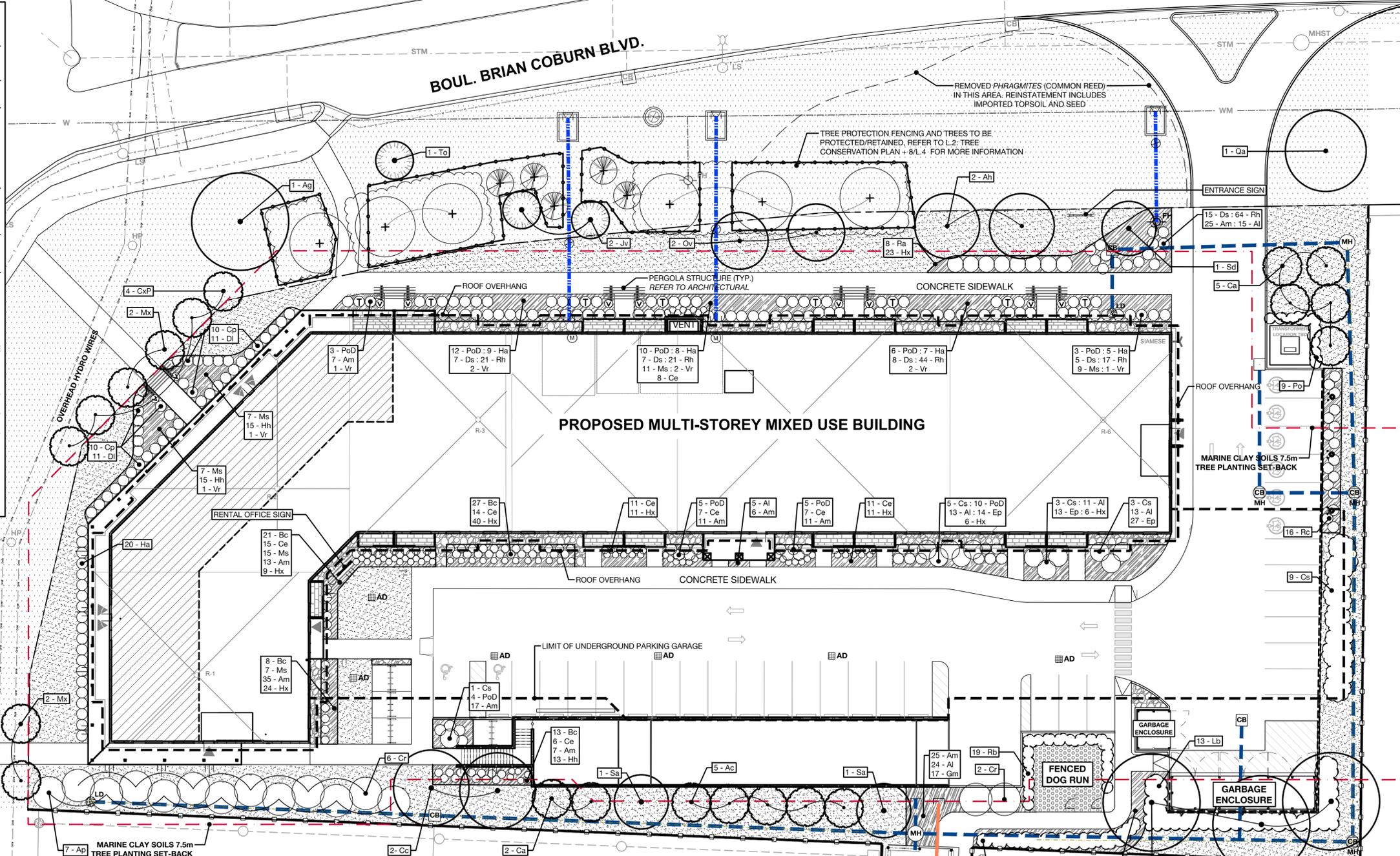


### LEGEND

- PROPOSED SMALL - MEDIUM DECIDUOUS TREES (1.2, 1.4)
- PROPOSED CONIFEROUS TREES (1.2, 1.4)
- PROPOSED HEDGE OR SHRUB GROUP PLANTING (3, 1.4)
- EXISTING TREES AND SHRUBS IN CITY RIGHT OF WAY TO BE PROTECTED AND RETAINED
- PROPOSED PLANTING BED WITH PERENNIALS AND/OR ORNAMENTAL GRASSES WITH RIVER ROCK MULCH (4, 1.4)
- PROPOSED PLANTING BED WITH SHRUBS, PERENNIALS, VINES AND/OR ORNAMENTAL GRASSES WITH RIVER ROCK MULCH (3.4, 1.4)
- PROPOSED RIVER ROCK MULCH (5, 1.4)
- PROPOSED SOD (6.7, 1.4)
- PROPOSED SEED (8, 1.4)
- PROPOSED CRUSHED LIMESTONE (6.7, 1.4)
- PROPOSED DECOMPOSED / CRUSHED GRANITE (8, 1.4)
- PATIO SURFACE: REFER TO ARCHITECTURAL (6.7, 1.4)
- PROPOSED CHAIN LINK FENCE + GATE (6.7, 1.4)
- PROPOSED TREE PROTECTION FENCE (8, 1.4)
- PROPOSED WOOD PRIVACY FENCE (6.7, 1.4)
- 7.5 m TREE PLANTING SET-BACK (6.7, 1.4)
- PROPOSED U/G WATERMAIN \*\* (6.7, 1.4)
- PROPOSED U/G SANITARY \*\* (6.7, 1.4)
- PROPOSED U/G STORM \*\* (6.7, 1.4)
- \*\* REFER TO ENGINEERING FOR ALL EXISTING AND PROPOSED UTILITIES



#### PROPOSED PLANT LIST - SHRUBS, PERENNIALS, ORNAMENTAL GRASSES AND VINES

KEY	QTY	BOTANICAL NAME	COMMON NAME	NATIVE	CAU. HT.	MATURE HT.	CONDITION/REMARKS
<b>DECIDUOUS SHRUBS</b>							
Ap	7	<i>Aesculus parviflora</i>	Bottlebrush Buckeye	N	100 cm ht.	3-4 m	Potted
Bc	66	<i>Aronia melanocarpa</i>	Black Chokeberry	Y	50 cm ht.	1.5-1.75 m	2 Gal. - Potted
Cp	20	<i>Comptonia peregrina</i>	Sweet Fern	Y	50 cm ht.	0.3-0.9 m	2 Gal. - Potted
Cr	8	<i>Cornus racemosa</i>	Gray Dogwood	Y	100 cm ht.	3-4 m	2 Gal. - Potted
Cs	21	<i>Cornus sericea</i>	Red Osier Dogwood	Y	50 cm ht.	1.75-2 m	2 Gal. - Potted
Ds	42	<i>Dierilla splendens</i> 'Firefly'	Firefly Bush Honeysuckle	C	50 cm ht.	0.8-1 m	2 Gal. - Potted
Di	22	<i>Dierilla lonicera</i>	Bush Honeysuckle	Y	50 cm ht.	0.8-1 m	2 Gal. - Potted
Hb	50	<i>Hydrangea arborescens</i> 'Annabelle'	Annabelle Hydrangea	N	100 cm ht.	1.25-1.5 m	2 Gal. - Potted
La	13	<i>Lindera benzoin</i>	Spicebush	Y	50 cm ht.	3-4 m	2 Gal. - Potted
Po	9	<i>Physocarpus opulifolius</i>	Common Ninebark	Y	50 cm ht.	1.75-2 m	2 Gal. - Potted
PoD	50	<i>Physocarpus opulifolius</i> 'Monlo' - Diablo	Diablo Ninebark	C	50 cm ht.	1.75-2 m	2 Gal. - Potted
Ra	19	<i>Rhus aromatica</i>	Fragrant Sumac	Y	50 cm ht.	1.25-1.5 m	2 Gal. - Potted
Rb	7	<i>Rosa blanda</i>	Meadow Rose	Y	50 cm ht.	1.25-1.5 m	2 Gal. - Potted
Rc	16	<i>Rosa carolina</i>	Pasture Rose	Y	50 cm ht.	1.5-1.75 m	2 Gal. - Potted
<b>PERENNIALS, ORNAMENTAL GRASSES AND VINES</b>							
Al	81	<i>Aster laevis</i> 'Oudshoorn 1'	Blue Autumn Aster	C	1 gal.	40-60 cm	Perennial - Container
Am	157	<i>Achillea millefolium</i>	Common Yarrow	Y	1 gal.	45-60 cm	Perennial - Container
Ce	69	<i>Calamagrostis acutiflora</i> 'Eldorado'	Eldorado Feather Reed Grass	N	1 gal.	1-1.5 m	Ornamental Grass - Container
Ep	54	<i>Echinacea purpurea</i>	Purple Coneflower	Y	1 gal.	90-120 cm	Perennial - Container
Gm	57	<i>Geranium macrorrhizum</i>	Big Root Geranium	N	1 gal.	40-45 cm	Perennial - Container
Hh	43	<i>Helopsis helianthoides</i> var. scabra 'Bleeding Hearts'	Smooth Oxeye	C	1 gal.	80-100 cm	Perennial - Container
Hx	130	<i>Hemerocallis</i>	Daylily	N	1 gal.	40-100 cm	Perennial - Container - Mixed Cultivars (Pink, Yellow, White Flower)
Ms	56	<i>Matteuccia struthiopteris</i>	Ostrich Fern	Y	1 gal.	90-130 cm	Perennial - Container
Rh	167	<i>Rudbeckia hirta</i>	Gloriosa Daisy	Y	1 gal.	60-70 cm	Perennial - Container
Vr	10	<i>Vitis riparia</i>	Frost Grape	Y	1 gal.	10-15 m	Vine - Slaked - Container

- #### GENERAL NOTES
- ALL LANDSCAPED AREAS TO BE IRRIGATED.
  - REFER TO ARCHITECTURAL DRAWINGS FOR ALL SITE FURNISHINGS AND SURFACING.
  - REFER TO ENGINEERING DRAWINGS FOR ALL SITE SERVICING.
  - ALL PROPOSED TREES ARE 1.5m MIN. FROM PROPERTY LINE.
  - EXISTING UTILITIES REFLECTED ON THIS PLAN ARE APPROXIMATE AND REQUIRE CONFIRMATION ON-SITE PRIOR TO PLANTING.
  - CITY OF OTTAWA TREE PLANTING SETBACKS ARE:
    - a) MAINTAIN 1.5m MIN. FROM SIDEWALK OR MUP / CYCLE TRACK OR WATER SERVICE LATERALS.
    - b) MAINTAIN 2.5m MIN. FROM CURB, 2.0m MIN. FROM WATERMAINS
    - c) CONIFEROUS SPECIES REQUIRE A 4.5m MIN. SETBACK FROM CURB, SIDEWALK OR MUP/ CYCLE TRACK/ PATHWAY.
    - d) MAINTAIN 7.5m MIN. BETWEEN LARGE GROWING TREES, AND 4m MIN. BETWEEN SMALL GROWING TREES

#### PROPOSED PLANT LIST - TREES

KEY	QTY	BOTANICAL NAME	COMMON NAME	NATIVE	CAU. HT.	MATURE HT.	OWNERSHIP	CONDITION/REMARKS
<b>DECIDUOUS TREES</b>								
Ac	5	<i>Amelanchier canadensis</i>	Serviceberry	Y	50 mm cal.	5-6 m	Private	W/B - Tree Form
Ag	4	<i>Aesculus glabra</i>	Ohio Buckeye	Y	50 mm cal.	10-12 m	Private	W/B
Ah	2	<i>Carpinus caroliniana</i>	American Hornbeam	Y	50 mm cal.	8-10 m	Private	Clump - W/B
Ca	7	<i>Cornus alternifolia</i>	Pagoda Dogwood	Y	150 cm ht.	4-5 m	Private	Clump - W/B
Cc	2	<i>Crataegus crus-galli</i>	Hawthorn	Y	50 mm cal.	8-10 m	Private	W/B
CxP	4	<i>Cercis canadensis</i> 'Pink Heartbreaker'	Pink Heartbreaker Redbud	C	50 mm cal.	3-4 m	City ROW	Short Cultivar - Tree - W/B
Mx	4	<i>Malus sargentii</i> 'Rosea'	Pink Sargent Crabapple	C	150 cm ht.	2-3 m	City ROW	Short Cultivar - Fruiting - W/B
Ov	2	<i>Ostrya virginiana</i>	Ironwood	Y	50 mm cal.	10-12 m	Private	W/B
Qa	1	<i>Quercus alba</i>	White Oak	Y	50 mm cal.	18-22 m	City ROW	W/B - Large Canopy Tree
Sa	2	<i>Sorbus americana</i>	American Mountainash	Y	50 mm cal.	5-10 m	Private	W/B
Sd	1	<i>Sorbus decora</i>	Showy Mountainash	Y	50 mm cal.	8-10 m	Private	W/B
<b>TREE - FORM DECIDUOUS SHRUBS</b>								
PoD	8	<i>Physocarpus opulifolius</i> 'Monlo' - Diablo	Diablo Ninebark	C	150 cm ht.	1.75-2 m	Private	Potted - Tree Form
<b>CONIFEROUS TREES</b>								
Jv	2	<i>Juniperus virginiana</i>	Eastern Red Cedar	Y	200 cm ht.	5-7 m	City ROW	W/B
To	1	<i>Thuja occidentalis</i>	Eastern White Cedar	Y	200 cm ht.	10-12 m	City ROW	W/B

\*\*Please note: Native Y/N/C where Y = Yes, N = No, and C = Cultivar of a native species

TOTAL PRIVATE OWNED TREES: 33  
TOTAL CITY OWNED TREES: 11

- #### PLANTING NOTES
- CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION.
  - LOCATION OF ALL PLANT MATERIAL TO BE STAKED BY THE CONTRACTOR AND VERIFIED IN THE FIELD BY THE PROJECT MANAGER PRIOR TO THE EXCAVATION OF TREE PITS AND PLANTING BEDS.
  - ALL PLANT MATERIAL SHALL BE NURSERY GROWN STOCK UNLESS OTHERWISE NOTED.
  - DECIDUOUS TREES TO HAVE A MINIMUM 1800mm CLEAR STEM ABOVE GRADE.
  - DECIDUOUS TREES TO HAVE A MINIMUM SETBACK FROM ALL BUILDING FOUNDATIONS IN ACCORDANCE WITH THE CITY OF OTTAWA TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017) AND GEOTECHNICAL INVESTIGATION BY PATERSON GROUP: REPORT PG6526-1 REVISION 1, DATED MARCH 22, 2023.
  - ALL PLANT MATERIAL SHALL BE WARRANTED FOR TWO YEARS FROM THE DATE OF PERFORMANCE ACCEPTANCE AS DETERMINED BY THE PROJECT MANAGER.
  - CONTRACTOR TO MAKE GOOD ALL EXISTING AREAS DAMAGED BY HIS OR HER WORK TO THE SATISFACTION OF THE PROJECT MANAGER.
  - ANY PROPOSED PLANT MATERIAL SUBSTITUTIONS SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, HABIT, FLOWER, LEAF, COLOUR AND CULTURE AND ONLY AFTER WRITTEN APPROVAL FROM THE PROJECT MANAGER AND CITY OF OTTAWA FORESTER.
  - ALL SOD AREAS TO RECEIVE A MINIMUM 150 mm OF IMPORTED TOPSOIL.
  - ALL SOD TO BE NUMBER ONE TURF GRASS NURSERY SOD THAT HAS BEEN ESPECIALLY SOWN AND CULTIVATED IN NURSERY FIELDS AS TURF GRASS.
  - THE SOIL VOLUMES PROVIDED ARE SUFFICIENT FOR A REASONABLE CHANCE OF TREE SURVIVAL, UNLESS OTHERWISE NOTED. ALL NEW TREES MEET THE MINIMUM SOIL VOLUME REQUIREMENTS OF THE FOLLOWING: BASED ON A DEPTH OF 1.5m BELOW FINISHED GRADE, AND SUBTRACTING THE VOLUME OF UTILITY TRENCHES. REFER TO L2 'SOIL VOLUMES PLAN'.

SCALE - 1:200

NOTE: CITY OF OTTAWA POLICY RE: PLANTING IN DEVELOPMENTS WITH CLAY SUBSOILS

- CONSIDERATION FOR TREE PLANTING IN MARINE CLAY SOILS HAVE BEEN MADE ACCORDING TO RECOMMENDATIONS PROVIDED BY PATERSON GROUP IN THEIR GEOTECHNICAL INVESTIGATION: PROPOSED MIXED-USE DEVELOPMENT, 2275 MER BLEUE ROAD, OTTAWA, ONTARIO. PREPARED FOR SEYMOUR PACIFIC DEVELOPMENTS (ONTARIO) LTD. REPORT PG6526-1 REVISION 1 DATED MARCH 22, 2023.
- BASED ON THIS REPORT (SECTION 6.8) - THE PLASTICITY INDEX WAS FOUND TO BE GREATER THAN 40% IN ALL THE TESTED CLAY SAMPLES. THIS RESULT INDICATES THERE IS HIGH POTENTIAL FOR SOIL VOLUME CHANGE. ALL SMALL TREES (UNDER 7.5m AT MATURE HEIGHT) MUST BE SETBACK 7.5m MINIMUM FROM THE BUILDING FOUNDATION. MEDIUM TREES (UNDER 14m AT MATURE HEIGHT) CAN ALSO BE SETBACK 7.5m MINIMUM, GIVEN THE FOLLOWING CONDITIONS ARE MET:
  - ALL TREES ARE PROVIDED ADEQUATE SOIL VOLUME: A SMALL TREE MUST BE PROVIDED WITH A MINIMUM OF 25 m<sup>3</sup> OF AVAILABLE SOIL VOLUME WHILE A MEDIUM TREE MUST BE PROVIDED WITH A MINIMUM OF 30 m<sup>3</sup> OF AVAILABLE SOIL VOLUME, AS DETERMINED BY THE LANDSCAPE ARCHITECT. THE DEVELOPER IS TO ENSURE THAT THE SOIL IS GENERALLY UN-COMPACTED WHEN BACKFILLING IN TREE PLANTING LOCATIONS.
  - THE GRADING SURROUNDING THE TREE MUST PROMOTE DRAINAGE TO THE TREE ROOT ZONE, IN SUCH A MANNER AS NOT TO BE DETRIMENTAL TO THE TREE, AS NOTED ON THE GRADING PLAN (PREPARED BY NOVATECH).
  - TREES SPECIFIED ARE NOT CONSIDERED TO BE 'FAST GROWING SPECIES' (i.e. WILLOWS (Salix), POPLARS (Populus) AND MANITOBA MAPLE (Acer negundo)). THESE ARE NOT CONSIDERED ACCEPTABLE FOR THIS SITE AND ITS SUBSURFACE CONDITIONS

SEYMOUR PACIFIC DEVELOPMENTS LTD.  
100 St Anns Street, Campbell River, B.C.  
(T)250.286.8045 (F)250.286.8046  
www.seymourpacific.ca



PROJECT STATUS:  
ISSUED FOR COORDINATION

#### Revision Schedule

No.	Description	Revision Date
1	ISSUED FOR CLIENT REVIEW	2023-07-07
2	ISSUED FOR SITE PLAN REVIEW	2023-11-03
3	ISSUED FOR SITE PLAN REVIEW	2024-04-29
4	ISSUED FOR SITE PLAN REVIEW	2024-06-04
5	ISSUED FOR SPC SUBMISSION	2024-08-06
6	ISSUED FOR SPC SUBMISSION	2024-10-25

SEAL:

studioRed landscape architecture

TRADE CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES OR INCONSISTENCIES TO SEYMOUR PACIFIC DEVELOPMENTS LTD., WITHOUT DELAY, FOR CLARIFICATION AND/OR CONFIRMATION. DO NOT SCALE DRAWINGS. DESIGNS REPRESENTED AND DRAWINGS USED AS INSTRUMENTS OF SERVICE SHALL REMAIN THE COPYRIGHT AND PROPERTY OF SEYMOUR PACIFIC DEVELOPMENTS LTD. ANY REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY SEYMOUR PACIFIC DEVELOPMENTS LTD. IS PROHIBITED.

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ADDITIONAL CLAIMS AND COSTS RELATED TO NON-MATERIAL CHANGES WILL NOT BE ACCEPTED BY SEYMOUR PACIFIC DEVELOPMENTS LTD. NON-MATERIAL CHANGES ARE DEEMED TO BE PLAN CHANGES OR SPECIFICATION ADJUSTMENTS THAT DO NOT SUBSTANTIALLY AFFECT THE VALUE, TIME, COST AND QUALITY OF CONSTRUCTION.

CONTRACTORS SHALL MAKE EVERY REASONABLE EFFORT TO MAINTAIN SCHEDULE TARGETS AND PROVIDE GOOD EFFICIENCY, PROGRESS, WORKMANSHIP AND QUALITY TOWARD DEFICIENCY-FREE RESULTS.

PROJECT NAME:  
**CASSETTE COMMONS**

PROJECT NUMBER:  
CITY OF OTTAWA:

ADDRESS:  
2275 MER BLEUE ROAD  
OTTAWA, ON

DRAWING TITLE:  
**LANDSCAPE PLAN**

DRAWN BY: K. SELIN  
CHECKED BY: K. CERVENY  
DATE: 2024-10-25  
SCALE: 1:200  
DRAWING #: **L.1**  
REV #:

D07-12-24-0087

**LEGEND**

PLANTING TRENCH FOR MEDIUM TREES WITH 30m³ MIN. SOIL VOLUME AS PER CITY OF OTTAWA GUIDELINE: TREE PLANTING FOR SENSITIVE MARINE CLAY SOILS (DATED 2017). EXCAVATE THIS AREA 1.5m MIN. TO PROVIDE ADEQUATE SOIL FOR TREE GROWTH

PLANTING TRENCH FOR SMALL TREES WITH 25m³ MIN. SOIL VOLUME AS PER CITY OF OTTAWA GUIDELINE: TREE PLANTING FOR SENSITIVE MARINE CLAY SOILS (DATED 2017). EXCAVATE THIS AREA 1.5m MIN. TO PROVIDE ADEQUATE SOIL FOR TREE GROWTH

AREAS WHERE THE PLANTING TRENCH SHOULD BE EXTENDED/MODIFIED: PLANTING LOCATED NEAR SUFFICIENT HARDSCAPE AND UTILITY TRENCHES. EXCAVATE TO DEPTH NOTED ON PLAN IN THESE AREAS.

EXISTING TREES AND SHRUBS IN CITY RIGHT OF WAY TO BE PROTECTED AND RETAINED

PROPOSED WOOD PRIVACY FENCE

7.5 m TREE PLANTING SET-BACK

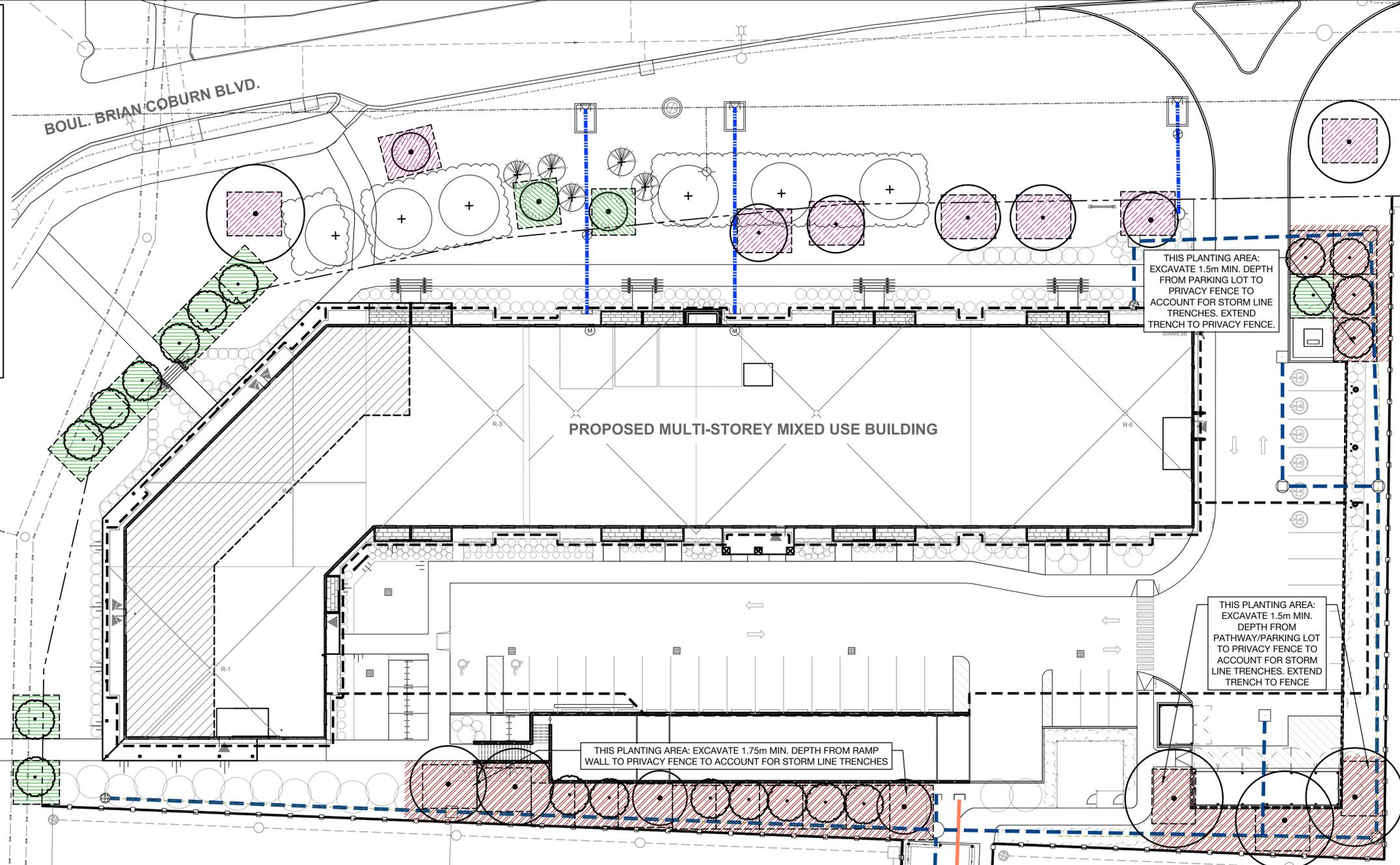
PROPOSED U/G WATERMAIN \*\*

PROPOSED U/G STORM \*\*

PROPERTY LINE

PROPOSED U/G SANITARY \*\*

\*\* REFER TO ENGINEERING FOR ALL EXISTING AND PROPOSED UTILITIES



PROPOSED MULTI-STOREY MIXED USE BUILDING

THIS PLANTING AREA: EXCAVATE 1.5m MIN. DEPTH FROM PARKING LOT TO PRIVACY FENCE TO ACCOUNT FOR STORM LINE TRENCHES. EXTEND TRENCH TO PRIVACY FENCE.

THIS PLANTING AREA: EXCAVATE 1.5m MIN. DEPTH FROM PATHWAY/PARKING LOT TO PRIVACY FENCE TO ACCOUNT FOR STORM LINE TRENCHES. EXTEND TRENCH TO FENCE

THIS PLANTING AREA: EXCAVATE 1.75m MIN. DEPTH FROM RAMP WALL TO PRIVACY FENCE TO ACCOUNT FOR STORM LINE TRENCHES

**PLANTING NOTES**

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- REFER TO DOCUMENT "Tree Planting in Sensitive Marine Clay Soils" - CITY OF OTTAWA, 2017 FOR MORE INFORMATION.

SCALE - 1:200



**NOTE: CITY OF OTTAWA POLICY RE: PLANTING IN DEVELOPMENTS WITH CLAY SUBSOILS**

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PROJECT STATUS:  
ISSUED FOR COORDINATION

Revision Schedule

No.	Description	Revision Date
1	ISSUED FOR CLIENT REVIEW	2023-07-07
2	ISSUED FOR SITE PLAN REVIEW	2023-11-03
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4	ISSUED FOR SITE PLAN REVIEW	2024-06-04
5	ISSUED FOR SPC SUBMISSION	2024-08-06
6	ISSUED FOR SPC SUBMISSION	2024-10-25



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PROJECT NAME:  
**CASSETTE COMMONS**

PROJECT NUMBER:

CITY OF OTTAWA:

ADDRESS:  
2275 MER BLEUE ROAD  
OTTAWA, ON

DRAWING TITLE:  
**SOIL VOLUMES PLAN**

DRAWN BY: K. SELIN

CHECKED BY: K. CERVENÝ

DATE: 2024-10-25

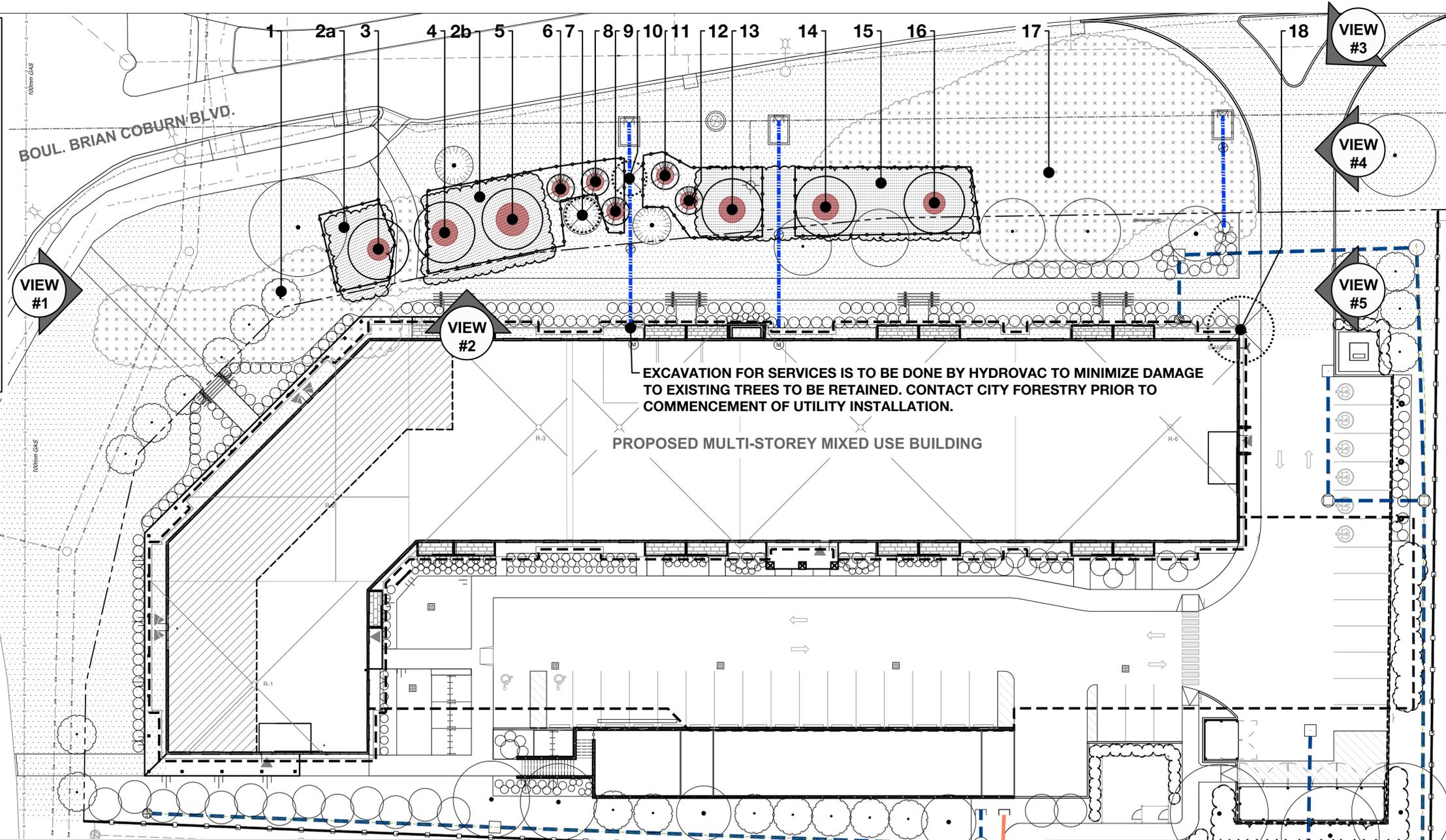
SCALE: 1:200

DRAWING #: **L.2** REV #:

D07-12-24-0087

**LEGEND**

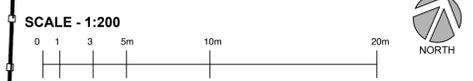
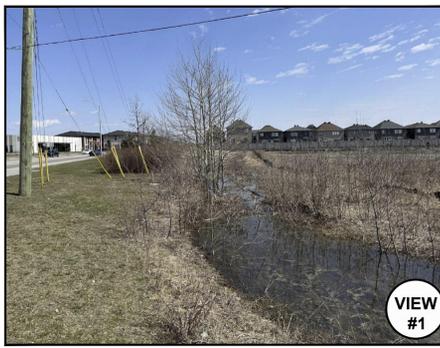
- KEY (DECIDUOUS)
- KEY (CONIFEROUS)
- EXISTING TREES TO REMAIN
- KEY (DECIDUOUS OR CONIFEROUS)
- EXISTING TREES TO BE REMOVED
- KEY
- EXISTING SHRUBS, THICKETS OR GROVES OF VEGETATION TO REMAIN
- KEY
- EXISTING SHRUBS, THICKETS OR GROVES OF VEGETATION TO BE REMOVED
- PROPERTY LINE
- PROPOSED TREE PROTECTION FENCE
- EXISTING TURF IN BOULEVARD



EXCAVATION FOR SERVICES IS TO BE DONE BY HYDROVAC TO MINIMIZE DAMAGE TO EXISTING TREES TO BE RETAINED. CONTACT CITY FORESTRY PRIOR TO COMMENCEMENT OF UTILITY INSTALLATION.

PROPOSED MULTI-STOREY MIXED USE BUILDING

KEY	BOTANICAL NAME	COMMON NAME	DBH	CRZ	CONDITION	OWNERSHIP	NATIVE	DESCRIPTION	ACTION
1	<i>Populus deltoides</i>	Eastern Cottonwood	1 - 20 cm	1 - 2 m	Good	Private & ROW	Yes	Healthy suckering poplar grove of young trees and saplings	Remove
2ab	<i>Physocarpus opulifolius</i>	Common Ninebark	1.5m ht	-	Good	ROW	Yes	Healthy shrubs in boulevard planting bed	Retain 80%
3	<i>Quercus macrocarpa</i>	Bur Oak	12 cm	1.2 m	Good	ROW	Yes	Healthy trees in boulevard shrub planting bed	Protect & Retain
4	<i>Quercus macrocarpa</i>	Bur Oak	10 cm	1 m	Good	ROW	Yes	Healthy trees in boulevard shrub planting bed	Protect & Retain
5	<i>Quercus macrocarpa</i>	Bur Oak	15 cm	1.5 m	Good	ROW	Yes	Healthy trees in boulevard shrub planting bed	Protect & Retain
6	<i>Picea glauca</i>	White Spruce	9 cm	9 m	Good	ROW	Yes	Healthy trees in boulevard planting bed	Protect & Retain
7	<i>Picea glauca</i>	White Spruce	9 cm	9 m	Dead	ROW	Yes	Dead spruce in boulevard planting bed	Remove & Replace
8	<i>Picea glauca</i>	White Spruce	8 cm	8 m	Good	ROW	Yes	Healthy trees in boulevard planting bed	Protect & Retain
9	<i>Picea glauca</i>	White Spruce	8 cm	8 m	Good	ROW	Yes	Healthy trees in boulevard planting bed	Protect & Retain
10	<i>Picea glauca</i>	White Spruce	6 cm	6 m	Good	ROW	Yes	Healthy trees in boulevard planting bed	Remove & Replace
11	<i>Picea glauca</i>	White Spruce	8 cm	8 m	Good	ROW	Yes	Healthy trees in boulevard planting bed	Protect & Retain
12	<i>Picea glauca</i>	White Spruce	8 cm	8 m	Good	ROW	Yes	Healthy trees in boulevard planting bed	Protect & Retain
13	<i>Glymnoctadus dioicis</i>	Kentucky Coffeetree	12 cm	1.2 m	Good	ROW	Yes	Healthy trees in boulevard planting bed	Protect & Retain
14	<i>Glymnoctadus dioicis</i>	Kentucky Coffeetree	12 cm	1.2 m	Good	ROW	Yes	Healthy trees in boulevard planting bed	Protect & Retain
15	<i>Rhus typhina</i>	Staghorn Sumac	1.8 - 3 m ht	-	Good	ROW	Yes	Boulevard planting bed	Protect & Retain
16	<i>Glymnoctadus dioicis</i>	Kentucky Coffeetree	10 cm	1 m	Good	ROW	Yes	Healthy trees in boulevard planting bed	Protect & Retain
17	<i>Phragmites australis</i>	European Common Reed	1 - 1.8 m ht	-	Good	ROW	No	Highly Invasive	Remove
18	<i>Populus species</i>	Poplar species	15 cm	1.5 m	Good	Private	Yes	Healthy tree	Remove



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PROJECT STATUS:  
ISSUED FOR COORDINATION

Revision Schedule

No.	Description	Revision Date
1	ISSUED FOR CLIENT REVIEW	2023-07-07
2	ISSUED FOR SITE PLAN REVIEW	2023-11-03
3	ISSUED FOR SITE PLAN REVIEW	2024-04-29
4	ISSUED FOR SITE PLAN REVIEW	2024-06-04
5	ISSUED FOR SPC SUBMISSION	2024-08-06
6	ISSUED FOR SPC SUBMISSION	2024-10-25

SEAL:

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PROJECT NAME:  
**CASSETTE COMMONS**

PROJECT NUMBER:  
CITY OF OTTAWA:

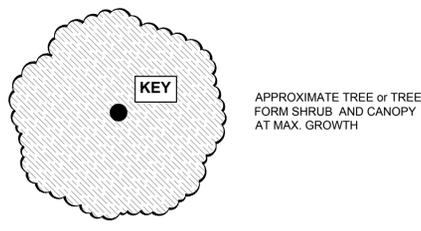
ADDRESS:  
2275 MER BLEUE ROAD  
OTTAWA, ON

DRAWING TITLE:  
**TREE CONSERVATION REPORT + PLAN**

DRAWN BY: K. SELIN  
CHECKED BY: K. CERVENÝ  
DATE: 2024-10-25  
SCALE: 1:200  
DRAWING #: L.3  
REV #:

D07-12-24-0087

**LEGEND**



BOUL. BRIAN COBURN BLVD.

CH. DE LA MER BLEUE RD.

PROPOSED MULTI-STOREY MIXED USE BUILDING



**PROJECTED 40 YEAR TREE CANOPY**

KEY	QTY	BOTANICAL NAME	COMMON NAME	NATIVE	PROJECTED CANOPY DIAMETER	OWNERSHIP	EXISTING OR PROPOSED	TOTAL COVERAGE (based on % of canopy unobstructed)
<b>DECIDUOUS TREES</b>								
Ac	5	<i>Amelanchier canadensis</i>	Serviceberry	Y	4 m	Private	P	(12.6 m <sup>2</sup> ) x 3.25 = 41 m <sup>2</sup>
Ag	4	<i>Aesculus glabra</i>	Ohio Buckeye	Y	10 m	Private	P	(78.5 m <sup>2</sup> ) x 3.25 = 255 m <sup>2</sup>
Ah	2	<i>Carpinus caroliniana</i>	American Hornbeam	Y	10 m	Private	P	(78.5 m <sup>2</sup> ) x 1.25 = 98 m <sup>2</sup>
Ca	7	<i>Cornus alternifolia</i>	Pagoda Dogwood	Y	8 m	Private	P	(50.3 m <sup>2</sup> ) x 3.5 = 176 m <sup>2</sup>
Cc	2	<i>Crataegus crus-galli</i>	Hawthorn	Y	10 m	Private	P	(78.5 m <sup>2</sup> ) x 1.75 = 137 m <sup>2</sup>
CxP	4	<i>Cercis canadensis</i> 'Pink Heartbreaker'	Pink Heartbreaker Redbud	C	5 m	City ROW	P	(19.6 m <sup>2</sup> ) x 3.25 = 64m <sup>2</sup>
Gd	3	<i>Gymnocladus dioica</i>	Kentucky Cofeetree	Y	15 m	City ROW	E	(177m <sup>2</sup> ) x 2.25 = 398 m <sup>2</sup>
Mx	4	<i>Malus sargentii</i> 'Rosea'	Pink Sargent Crabapple	C	4 m	City ROW	P	(12.6 m <sup>2</sup> ) x 3.5 = 44m <sup>2</sup>
Ov	2	<i>Ostrya virginiana</i>	Ironwood	Y	8 m	Private	P	(50.3 m <sup>2</sup> ) x 0.25 = 13 m <sup>2</sup>
Qa	1	<i>Quercus alba</i>	White Oak	Y	22 m	City ROW	P	(380m <sup>2</sup> ) x 1 = 380 m <sup>2</sup>
Qm	3	<i>Quercus macrocarpa</i>	Burr Oak	Y	16 m	City ROW	E	(201m <sup>2</sup> ) x 2 = 402m <sup>2</sup>
Sa	3	<i>Sorbus americana</i>	American Mountainash	Y	8 m	Private	P	(50.3 m <sup>2</sup> ) x 2.75 = 138 m <sup>2</sup>
Sd	1	<i>Sorbus decora</i>	Showy Mountainash	Y	8 m	Private	P	(50.3 m <sup>2</sup> ) x 1 = 50 m <sup>2</sup>
<b>TREE - FORM DECIDUOUS SHRUBS</b>								
PoD	8	<i>Physocarpus opulifolius</i> 'Monlo' - Diablo	Diablo Ninebark	N	1.5 m	Private	P	(1.8m <sup>2</sup> ) x 6.25 = 11 m <sup>2</sup>
<b>CONIFEROUS TREES</b>								
Jv	2	<i>Juniperus virginiana</i>	Eastern Red Cedar	Y	3 m	City ROW	P	(7m <sup>2</sup> ) x 0 = 0 m <sup>2</sup>
Pg	6	<i>Picea glauca</i>	White Spruce	Y	8 m	City ROW	E	(50m <sup>2</sup> ) x 2 = 100 m <sup>2</sup>
To	1	<i>Thuja occidentalis</i>	Eastern White Cedar	Y	4 m	City ROW	P	(12.6 m <sup>2</sup> ) x 0 = 0 m <sup>2</sup>
TOTAL CANOPY COVERAGE:								2196 m <sup>2</sup>
% OF SITE CANOPY COVERAGE:								2196/6800 m <sup>2</sup> = 32%

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SEAL:

studioRed landscape architecture

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**CASSETTE COMMONS**

PROJECT NUMBER:  
CITY OF OTTAWA:

ADDRESS:  
2275 MER BLEUE ROAD  
OTTAWA, ON

DRAWING TITLE:  
**40 YEAR CANOPY PROJECTION**

DRAWN BY: K. SELIN  
CHECKED BY: K. CERVENY  
DATE: 2024-10-25  
SCALE: 1:200  
DRAWING #: L.4



DOT-12-24-0087

