

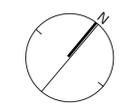
# The Conservancy

## CAIVAN COMMUNITIES CONSERVANCY EAST STREETSCAPE PHASE 2 - 4

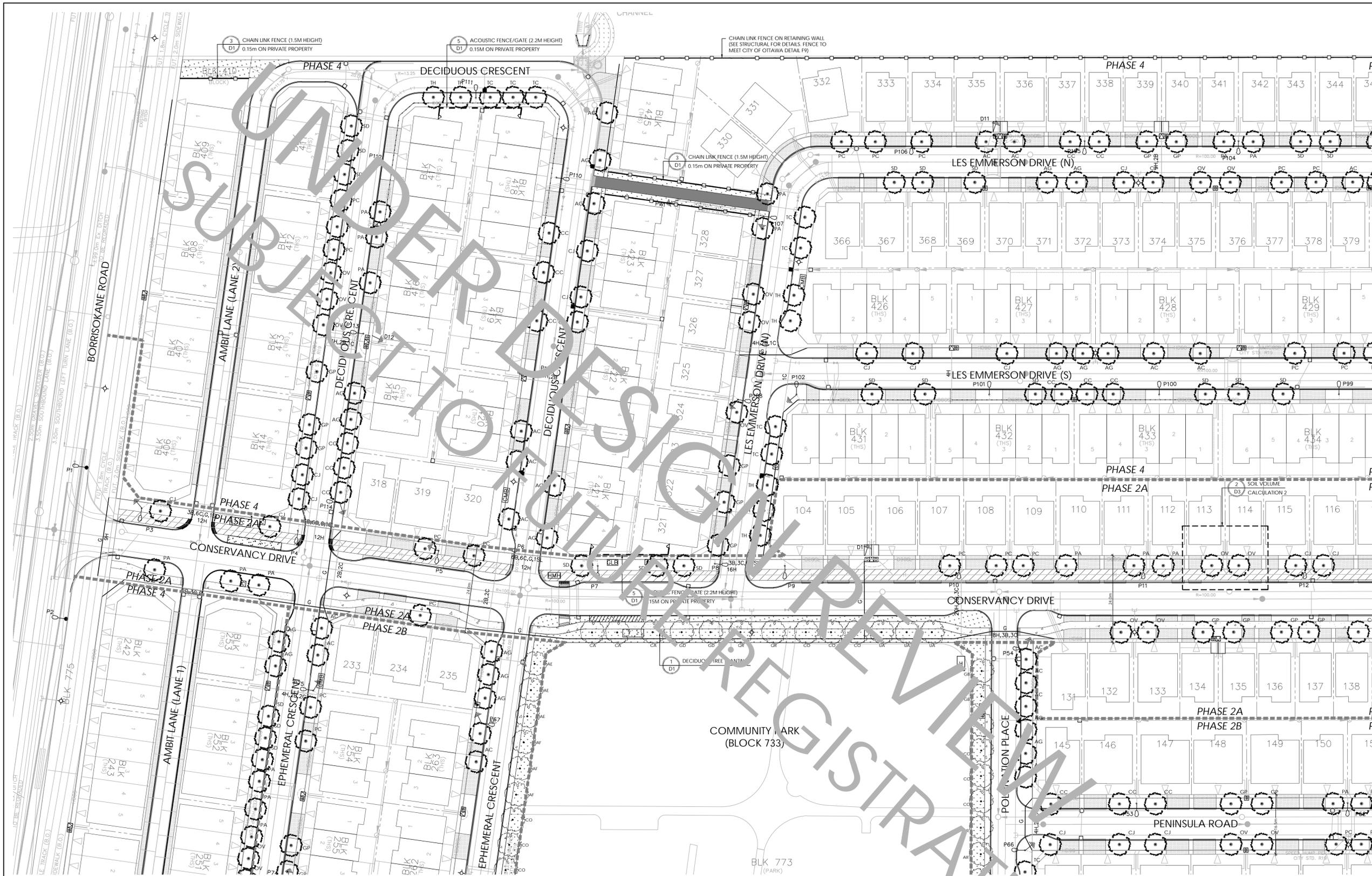


LIST OF DRAWINGS:

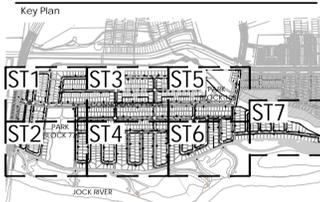
- ST1 - STREETSCAPE PLAN
- ST2 - STREETSCAPE PLAN
- ST3 - STREETSCAPE PLAN
- ST4 - STREETSCAPE PLAN
- ST5 - STREETSCAPE PLAN
- ST6 - STREETSCAPE PLAN
- ST7 - STREETSCAPE PLAN
- D1 - DETAILS
- D2 - ROW CROSS - SECTIONS
- D3 - SOIL CALCULATIONS



KEYMAP  
NTS



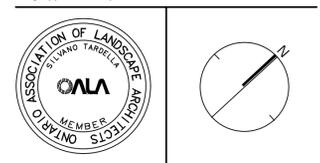
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SCALE 1:15000

LEGEND	
	PROPERTY LINE
	PHASE LINE
	LIMITS OF REGISTRATION 1 APPROVAL
FENCING	
	ACOUSTIC FENCE WITH GATE LOCATED 0.3M ON PRIVATE PROPERTY
	CHAIN LINK FENCE
	POST AND RAIL FENCE
PLANTING	
	LARGE DECIDUOUS STREET TREE (>15m HEIGHT)
	MEDIUM DECIDUOUS STREET TREE (7.5m TO 15m HEIGHT)
	SODDING
	SEEDING
UTILITIES	
	PROPOSED HYDRO TRANSFORMER
	PROPOSED CABLE PEDESTAL
	PROPOSED BELL PEDESTAL
	CURB STOP
	PROPOSED BELL CABINET
	COMMUNITY MAIL BOX LOCATION
	PROPOSED STREET LIGHT
	FIRE HYDRANT
	EXISTING HYDRO POLE

No.	Description	Date
13	Revised Submission REV 3	2023-10-27
12	Revised Submission REV 2	2023-10-23
11	Issued for Revised Submission	2023-10-18
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1	Issued for First Submission	2022-09-30



**NAK** design strategies  
 1285 WELLINGTON STREET W, OTTAWA, ON K1Y 3A8 CANADA  
 T 613.237.2345 F 613.237.6423 NAKDESIGNSTRATEGIES.COM

CONSERVANCY EAST PHASE 2-4 PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	MATURE HT. (M)	SIZE	REMARKS
<b>DECIDUOUS TREES - LARGE (15-30M HEIGHT)</b>						
AE	9	AESCULUS HIPPOCASTANUM	HORSECHESNUT TREE	18	50mm B&B	
AF	9	ACER X FREEMANII	FREEMAN MAPLE	17	50mm B&B	
AR	12	ACER RUBRUM	RED MAPLE	15	50mm B&B	
CA	7	CARYA CORDIFORMIS	BITTERNUT HICKORY	20	50mm B&B	
CO	12	CELTIS OCCIDENTALIS	COMMON HACKBERRY	18	50mm B&B	
GB	14	GINKGO BILOBA	GINKGO	17	50mm B&B	
GD	7	GYMNOCLADUS DIOICUS	KENTUCKY COFFEE TREE	20	50mm B&B	
QR	10	QUERCUS RUBRA	RED OAK	22	50mm B&B	
UA	7	ULMUS AMERICANA 'PRINCETON'	PRINCETON ELM	23	50mm B&B	

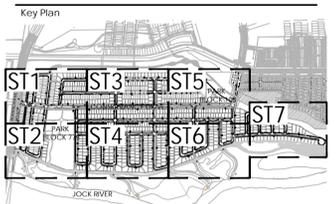
KEY	QTY	BOTANICAL NAME	COMMON NAME	MATURE HT. (M)	SIZE	REMARKS
<b>DECIDUOUS TREES - MEDIUM (8-14M HEIGHT)</b>						
AC	96	ACER RUBRUM 'REDPOINTE'	REDPOINTE RED MAPLE	14	50mm B&B	
AG	100	AESCULUS GLABRA	OHIO BUCKEYE	12	50mm B&B	
CC	98	CORYLUS COLURNA	TURKISH HAZEL	14	50mm B&B	
CJ	94	CERCIDIPHYLLUM JAPONICUM	KATSURRA TREE	14	50mm B&B	
GP	99	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO	14	50mm B&B	
OV	102	OSTRYA VIRGINIANA	IRONWOOD	12	50mm B&B	
PA	93	PHELLODENDRON AMURENSE	AMUR CORRTREE	14	50mm B&B	
PC	105	PYRUS CALLERYANA	ORNAMENTAL PEAR	13	50mm B&B	
SD	102	SORBUS DECORA	SHOWY MOUNTAINASH	10	50mm B&B	
TC	66	TILIA CORDATA CORINTHIAN	CORINTHIAN LINDEN	14	50mm B&B	
TH	60	TILIA X HARVEST GOLD	HARVEST GOLD LINDEN	13	50mm B&B	

**PLANTING GUIDELINES:**

- STREET TREE PLANTING GUIDELINE  
 NOTE: APPROVED CROSS SECTIONS SHALL TAKE PRECEDENCE  
 4.5m - STREET LIGHT (SMALL TREE <7m MATURE HT.)  
 2.5m - STREET LIGHT  
 3.0m - HYDRO TRANSFORMER  
 1.5m - PATH, DRIVEWAY, FENCE, SOUND WALL  
 4.5m - CONIFERS MINIMUM SETBACK FROM CURB  
 2.5m - FIRE HYDRANTS  
 1.5m - WATER SERVICE / CURB STOP  
 1.0m - BELL / CABLE PEDESTALS



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	PROPOSED BELL PEDESTAL
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City Approval Stamp

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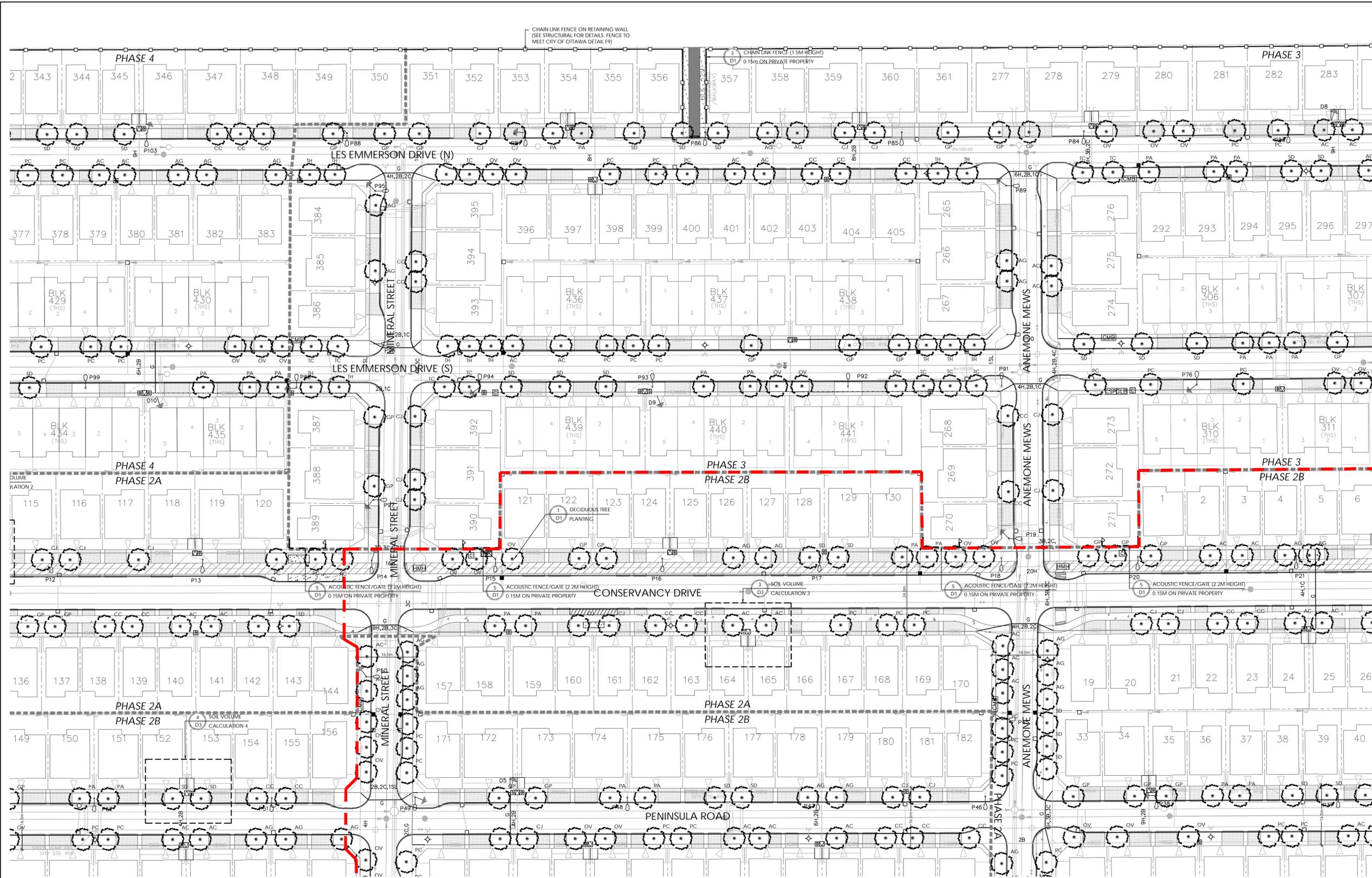
Project: Conservancy East Phase 2 - 4  
 Title: STREETScape  
 Date: JANUARY 2023  
 Scale: 1:500  
 Drawn: JC  
 Checked: MK  
 Job No.: 22-004

CONSERVANCY EAST PHASE 2-4 PLANT LIST

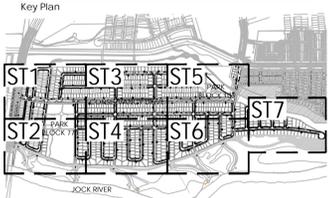
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UA	7	ULMUS AMERICANA 'PRINCETON'	PRINCETON ELM	23	50mm B&B	

KEY	QTY	BOTANICAL NAME	COMMON NAME	MATURE HT. (M)	SIZE	REMARKS
<b>DECIDUOUS TREES - MEDIUM (8-14M HEIGHT)</b>						
AC	96	ACER RUBRUM 'REDPOINTE'	REDPOINTE RED MAPLE	14	50mm B&B	
AG	100	AESCLUSUS GLABRA	OHIO BUCKEYE	12	50mm B&B	
CJ	98	CORYLUS COLURNA	TURKISH HAZEL	14	50mm B&B	
CC	94	CERCIDIPHYLLUM JAPONICUM	KATSURIA TREE	14	50mm B&B	
GP	99	GINKGO BILOBA 'PRINCETON SENIYR'	PRINCETON SENIYR GINKGO	14	50mm B&B	
OV	102	OSTRYA VIRGINIANA	IRONWOOD	12	50mm B&B	
PA	93	PHELLODENDRON AMURENSE	AMUR CORKTREE	14	50mm B&B	
PC	105	PYRUS CALLERYANA	ORNAMENTAL PEAR	13	50mm B&B	
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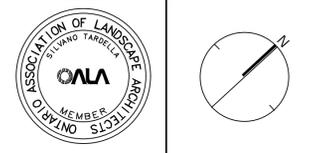
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Conservancy East  
 Phase 2 - 4

STREETScape

Date: JANUARY 2023 Sheet:  
 Scale: 1:500  
 Drawn: JC  
 Checked: MK  
 Job No: 22-004

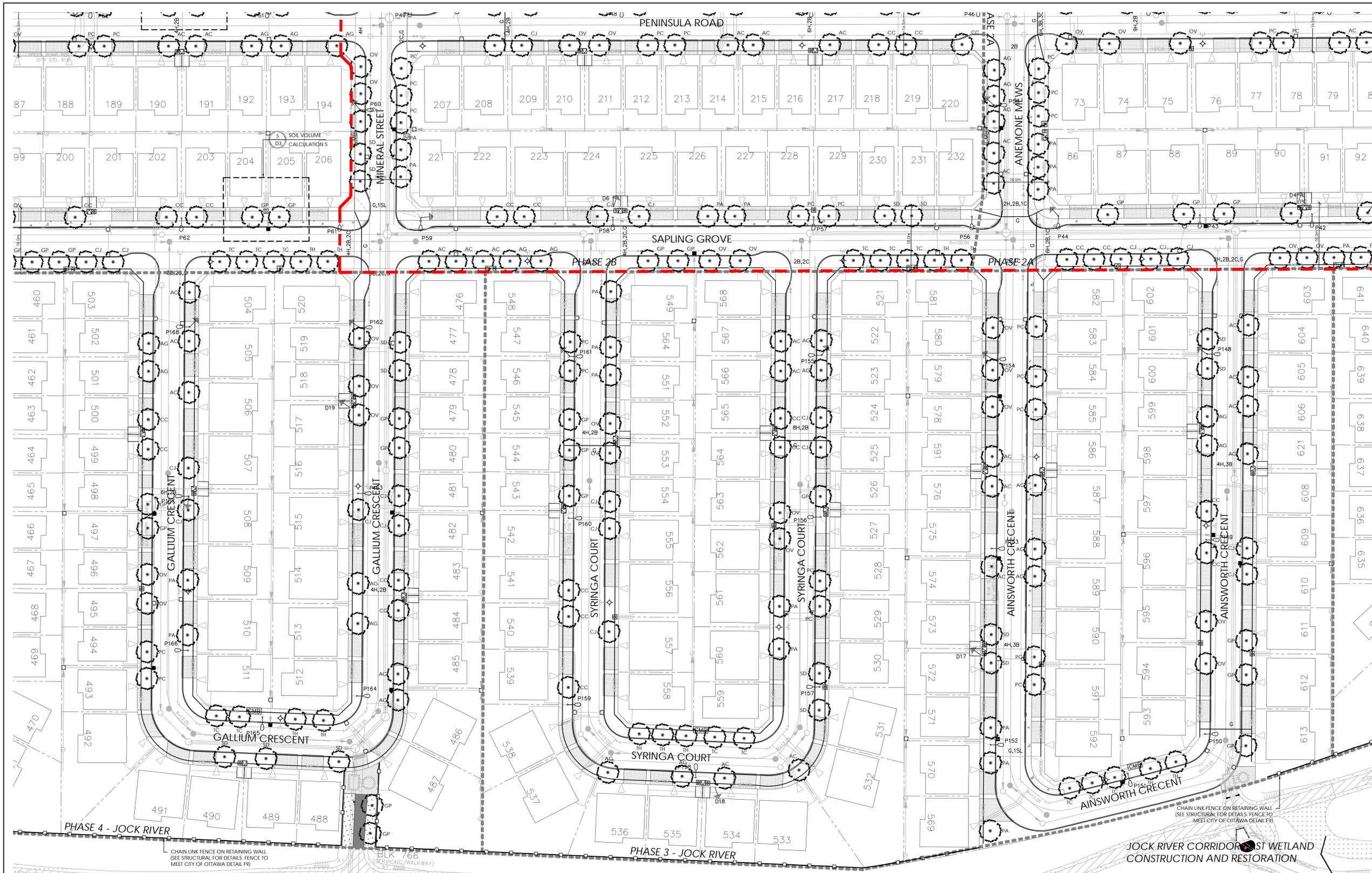
CONSERVANCY EAST PHASE 2-4 PLANT LIST

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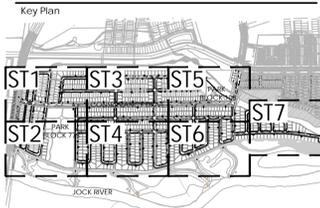
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AG	100	AESCULUS GLABRA	OHIO BUCKEYE	12	50mm	B&B
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**PLANTING GUIDELINES:**

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 NOTE: APPROVED CROSS SECTIONS SHALL TAKE PRECEDENCE  
 4.5m - STREET LIGHT (SMALL TREE <7m MATURE HT.)  
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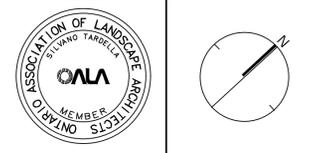
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Phase 2 - 4

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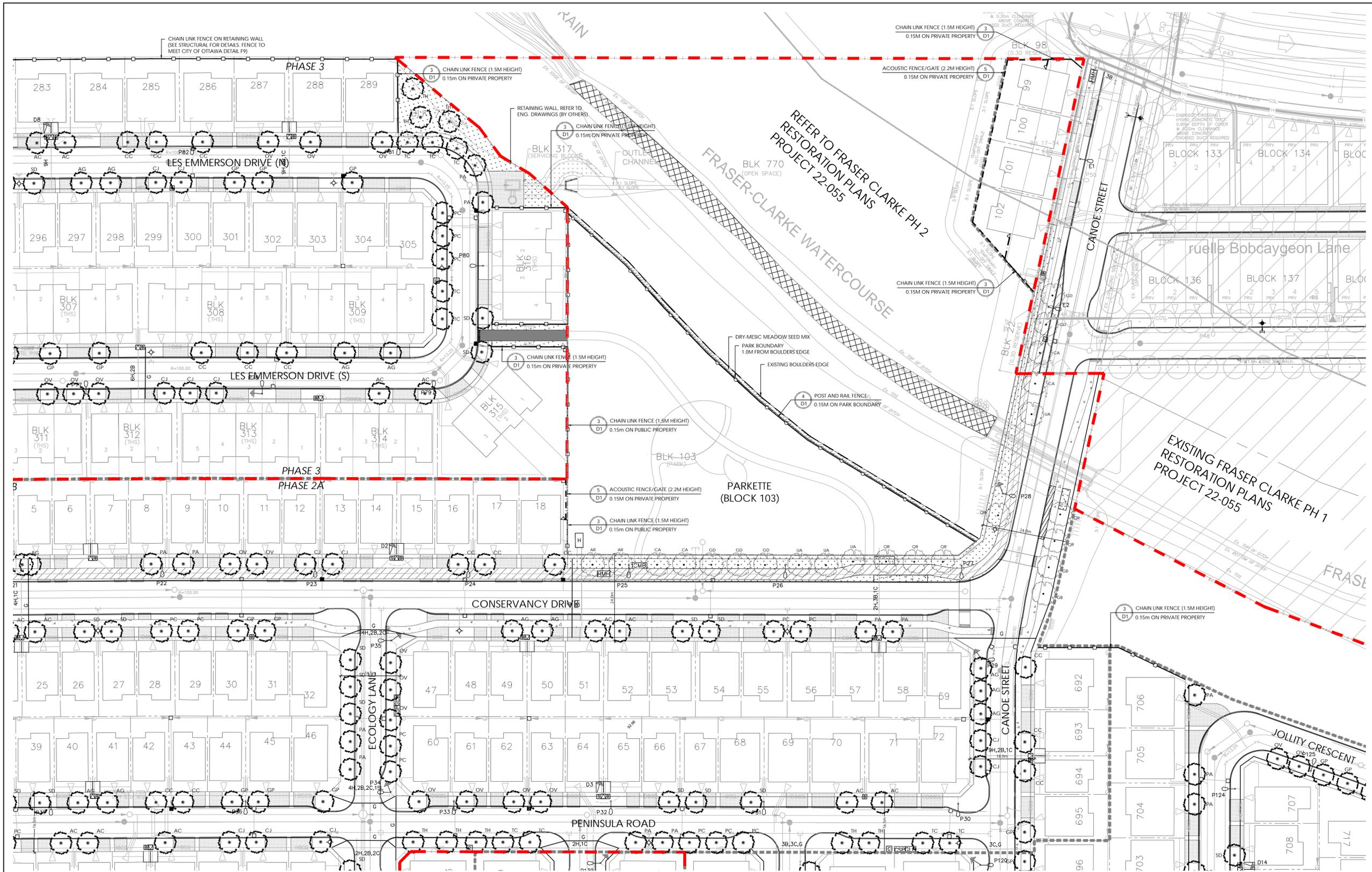
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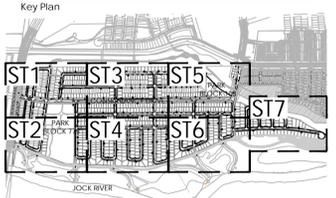
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CHAIN LINK FENCE ON RETAINING WALL (SEE STRUCTURAL FOR DETAILS. FENCE TO MEET CITY OF OTTAWA DETAIL F9)

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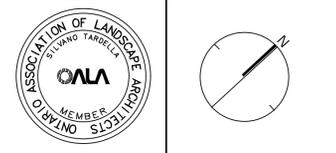
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UTILITIES	
	PROPOSED HYDRO TRANSFORMER
	PROPOSED CABLE PEDESTAL
	PROPOSED BELL PEDESTAL
	CURB STOP
	PROPOSED BELL CABINET
	COMMUNITY MAIL BOX LOCATION
	PROPOSED STREET LIGHT
	FIRE HYDRANT
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Conservancy East  
 Phase 2 - 4

TITLE: STREETScape

Date: JANUARY 2023 Sheet:  
 Scale: 1:500  
 Drawn: JC  
 Checked: MK  
 Job No.: 22-004

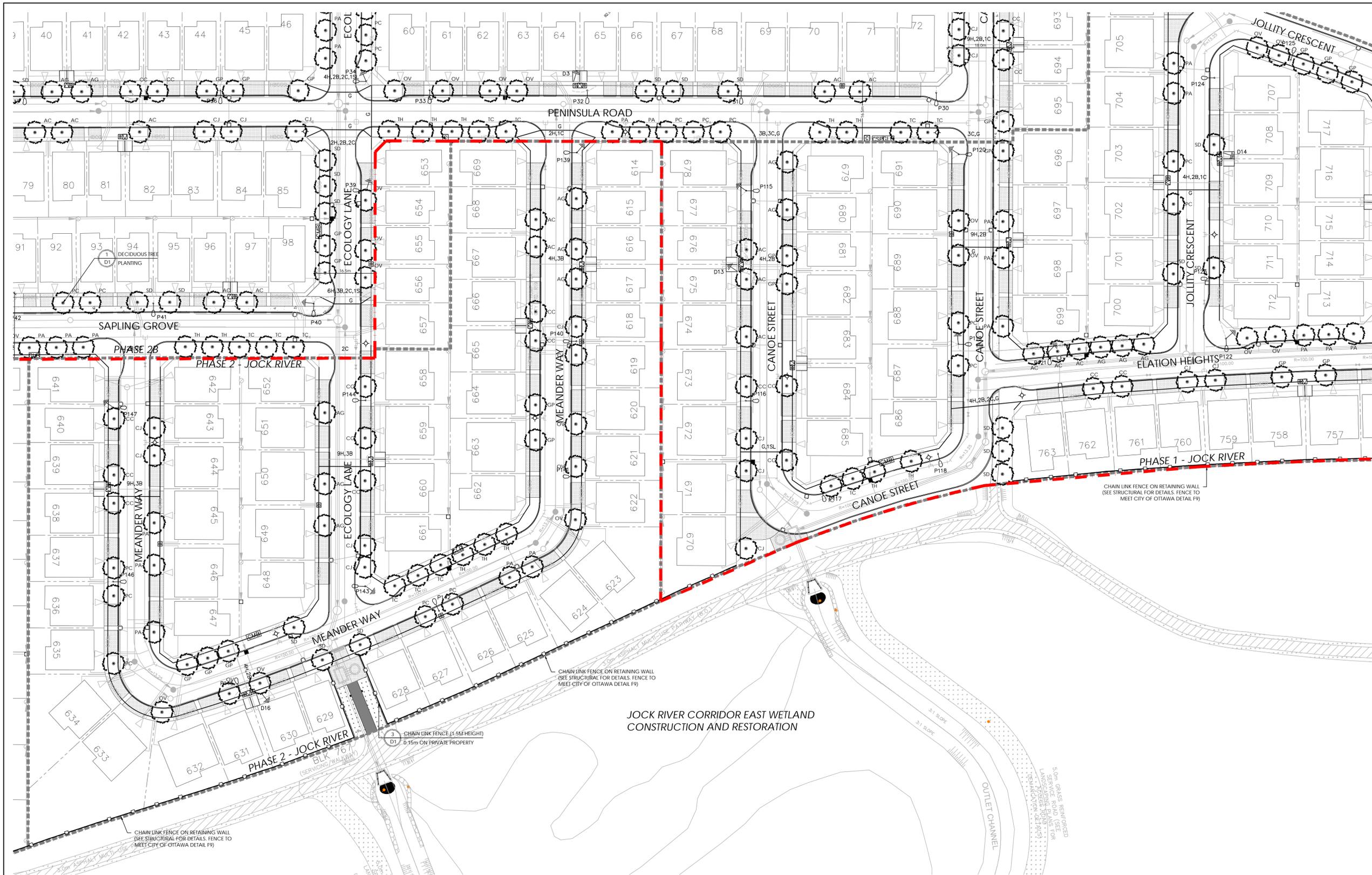
CONSERVANCY EAST PHASE 2-4 PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	MATURE HT. (M)	SIZE	REMARKS
<b>DECIDUOUS TREES - LARGE (15-30M HEIGHT)</b>						
AE	9	AESCULUS HIPPOCASTANUM	HORSECHESNUT TREE	18	50mm B&B	
AF	9	ACER X FREEMANII	FREEMAN MAPLE	17	50mm B&B	
AR	12	ACER RUBRUM	RED MAPLE	15	50mm B&B	
CA	7	CARYA CORDIFORMIS	BITTERNUT HICKORY	20	50mm B&B	
CO	12	CELIS OCCIDENTALIS	COMMON HACKBERRY	18	50mm B&B	
GB	14	GINKGO BILOBA	GINKGO	17	50mm B&B	
GD	7	GYMNOCLADUS DIOICUS	KENTUCKY COFFEE TREE	20	50mm B&B	
QR	10	QUERCUS RUBRA	RED OAK	22	50mm B&B	
UA	7	ULMUS AMERICANA 'PRINCETON'	PRINCETON ELM	23	50mm B&B	

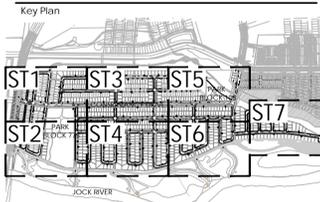
KEY	QTY	BOTANICAL NAME	COMMON NAME	MATURE HT. (M)	SIZE	REMARKS
<b>DECIDUOUS TREES - MEDIUM (8-14M HEIGHT)</b>						
AC	96	ACER RUBRUM 'REDPOINTE'	REDPOINTE RED MAPLE	14	50mm B&B	
AG	100	AESCULUS GLABRA	OHIO BUCKEYE	12	50mm B&B	
CC	98	CORYLUS COLURNA	TURKISH HAZEL	14	50mm B&B	
CJ	94	CERCIDIPHYLLUM JAPONICUM	KATSURIA TREE	14	50mm B&B	
GP	99	GINKGO BILOBA 'PRINCETON SENIY'	PRINCETON SENIY GINKGO	14	50mm B&B	
OV	102	OSTRYA VIRGINIANA	IRONWOOD	12	50mm B&B	
PA	93	PHELLODENDRON AMURENSE	AMUR CORKTREE	14	50mm B&B	
PC	105	PYRUS CALLERYANA	ORNAMENTAL PEAR	13	50mm B&B	
SD	102	SORBUS DECORA	SHOWY MOUNTAINASH	10	50mm B&B	
TC	66	TILIA CORDATA CORINTHIAN	CORINTHIAN LINDEN	14	50mm B&B	
TH	60	TILIA X HARVEST GOLD	HARVEST GOLD LINDEN	13	50mm B&B	

**PLANTING GUIDELINES:**

- STREET TREE PLANTING GUIDELINE  
 NOTE: APPROVED CROSS SECTIONS SHALL TAKE PRECEDENCE  
 4.5m - STREET LIGHT (SMALL TREE <7m MATURE HT.)  
 2.5m - STREET LIGHT  
 3.0m - HYDRO TRANSFORMER  
 1.5m - PATH, DRIVEWAY, FENCE, SOUND WALL  
 4.5m - CONIFERS MINIMUM SETBACK FROM CURB  
 2.5m - FIRE HYDRANTS  
 1.5m - WATER SERVICE / CURB STOP  
 1.0m - BELL / CABLE PEDESTALS



Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work. This drawing is not to be used for construction until signed by the Landscape Architect.



SCALE 1:15000

LEGEND	
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	PHASE LINE
	LIMITS OF REGISTRATION 1 APPROVAL
FENCING	
	ACOUSTIC FENCE WITH GATE LOCATED 0.3M ON PRIVATE PROPERTY
	CHAIN LINK FENCE
	POST AND RAIL FENCE
PLANTING	
	LARGE DECIDUOUS STREET TREE (>15m HEIGHT)
	MEDIUM DECIDUOUS STREET TREE (7.5m TO 15m HEIGHT)
	SODDING
	SEEDING
UTILITIES	
	PROPOSED HYDRO TRANSFORMER
	PROPOSED CABLE PEDESTAL
	PROPOSED BELL PEDESTAL
	CURB STOP
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Revision

City Approval Stamp

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Project

Title

Conservancy East  
Phase 2 - 4

STREETScape

Date: JANUARY 2023 Sheet

Scale: 1:500

Drawn: JC

Checked: MK

Job No: 22-004

ST6

CONSERVANCY EAST PHASE 2-4 PLANT LIST

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UA	7	ULMUS AMERICANA 'PRINCETON'	PRINCETON ELM	23	50mm B&B	

KEY	QTY	BOTANICAL NAME	COMMON NAME	MATURE HT. (M)	SIZE	REMARKS
<b>DECIDUOUS TREES - MEDIUM (8-14M HEIGHT)</b>						
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AG	100	AESCULUS GLABRA	OHIO BUCKEYE	12	50mm B&B	
CC	98	CORYLUS COLURNA	TURKISH HAZEL	14	50mm B&B	
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**PLANTING GUIDELINES:**

1. STREET TREE PLANTING GUIDELINE

NOTE: APPROVED CROSS SECTIONS SHALL TAKE PRECEDENCE

4.5m - STREET LIGHT (SMALL TREE <7m MATURE HT.)

2.5m - STREET LIGHT

3.0m - HYDRO TRANSFORMER

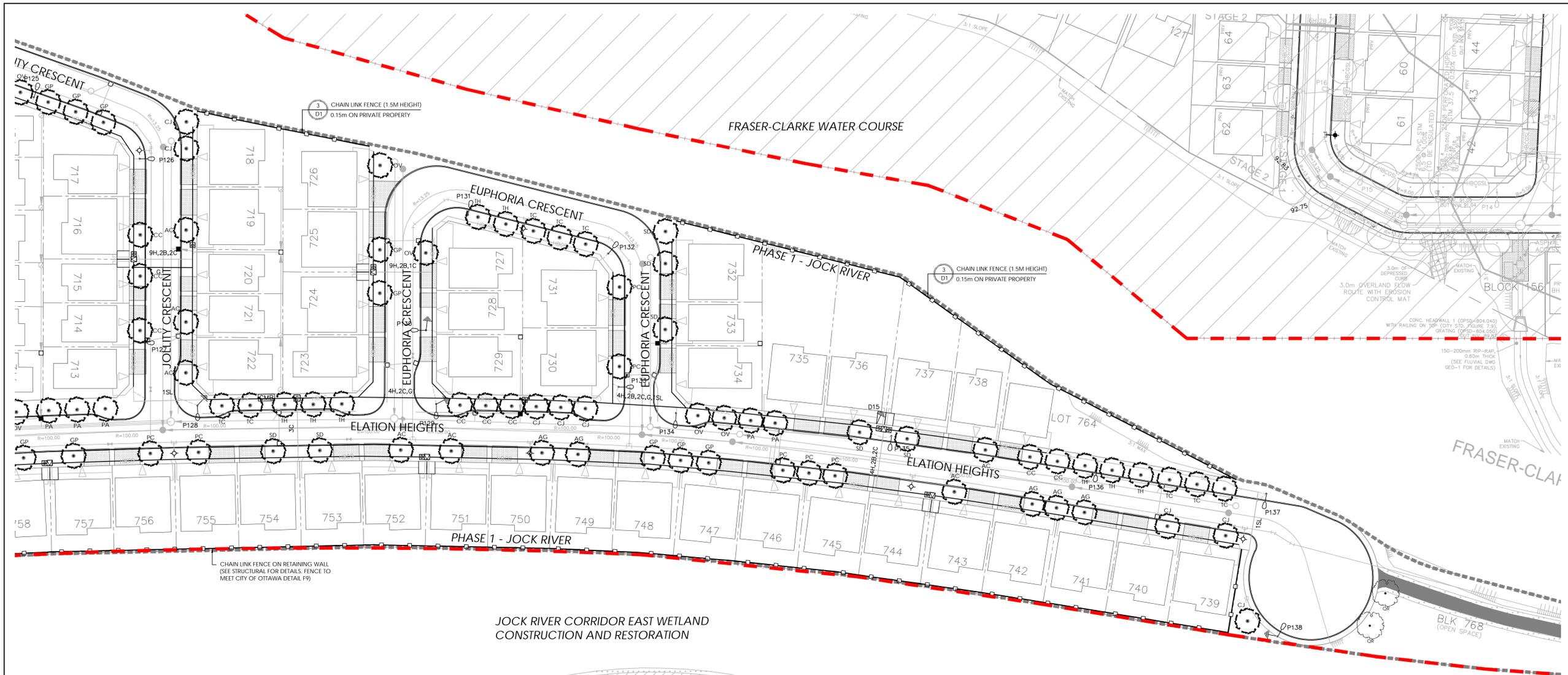
1.5m - PATH, DRIVEWAY, FENCE, SOUND WALL

4.5m - CONIFERS MINIMUM SETBACK FROM CURB

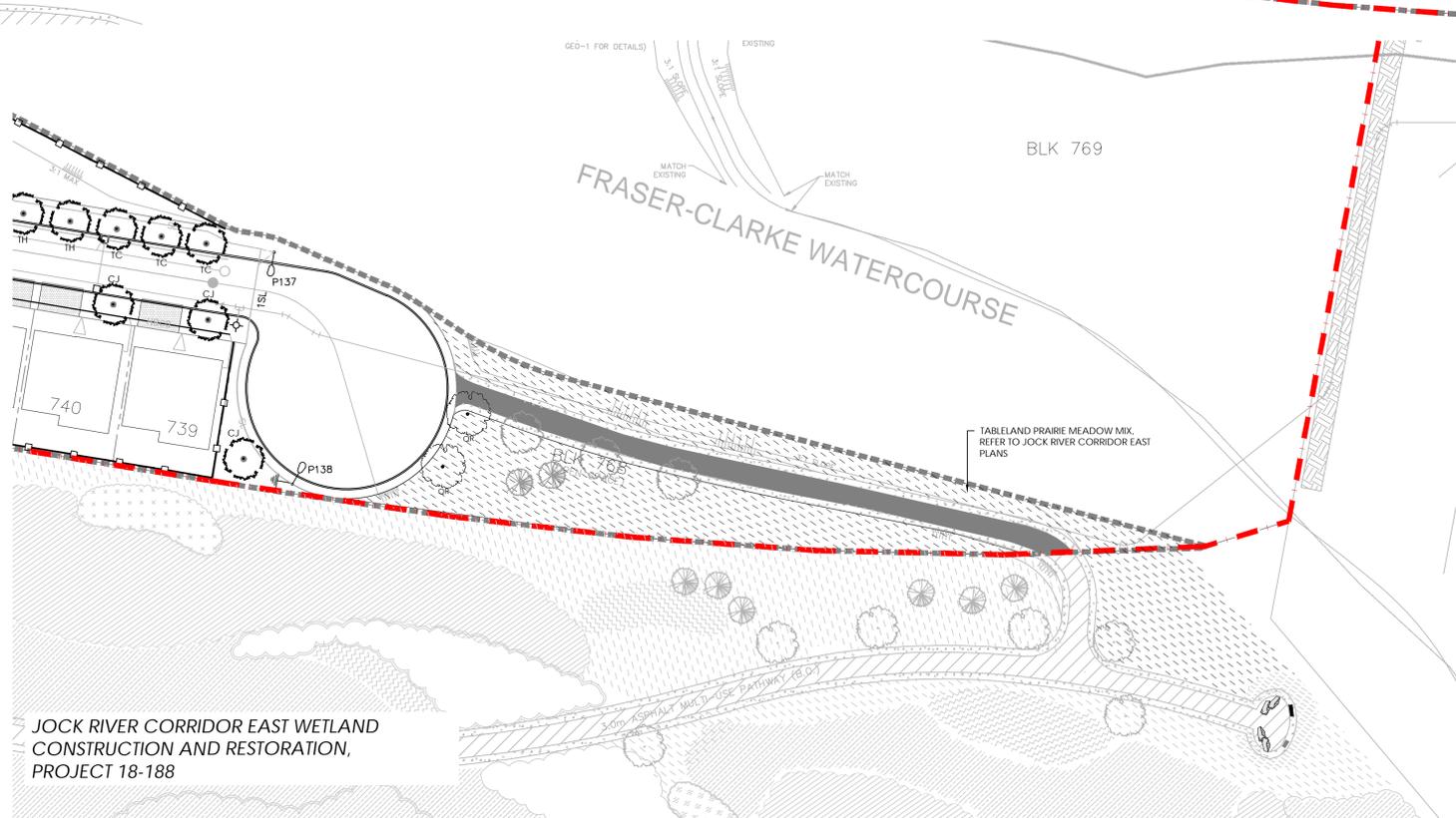
2.5m - FIRE HYDRANTS

1.5m - WATER SERVICE / CURB STOP

1.0m - BELL / CABLE PEDESTALS



**JOCK RIVER CORRIDOR EAST WETLAND  
CONSTRUCTION AND RESTORATION**



**JOCK RIVER CORRIDOR EAST WETLAND  
CONSTRUCTION AND RESTORATION,  
PROJECT 18-188**

**GENERAL NOTES:**

- ACER RUBRUM, CELTIS OCCIDENTALIS, AND QUERCUS RUBRA TO BE SPRUNG DUG SPECIMENS AND PLANTED IN THE SPRING ONLY.
- THE LOCATION OF THE TREES SHOWN ON THIS PLAN IS APPROXIMATE AND SHALL NOT BE SCALED FROM THIS DRAWING. THIS PLAN MUST BE READ IN CONJUNCTION WITH THE APPROVED CUP AND CITY CROSS SECTIONS.
- CONTRACTOR SHALL ENSURE THAT ALL UTILITY LOCATIONS ARE OBTAINED PRIOR TO ANY EXCAVATION FOR LANDSCAPING.
- LOCATION OF ALL PLANT MATERIALS TO BE STAKED BY THE CONTRACTOR AND VERIFIED IN THE FIELD BY LANDSCAPE ARCHITECT & CITY OF OTTAWA PRIOR TO THE EXCAVATION OF PITS.
- ALL PLANT MATERIAL SHALL BE NURSERY GROWN STOCK UNLESS OTHERWISE NOTED.
- TREES TO HAVE A MINIMUM 1800 CLEAR STEM ABOVE GRADE.
- PLACE SOD ON A MINIMUM 150mm TOPSOIL.
- CONTRACTOR TO MAKE GOOD ALL EXISTING AREAS DAMAGED BY HIS WORK TO THE SATISFACTION OF THE CITY OF OTTAWA.
- THE CITY WILL BE NOTIFIED IF ANY TREES CANNOT BE LOCATED OR PLANTED DUE TO CONFLICTS WITH UTILITIES OR DRIVEWAYS. THE REQUIRED TREES NOT PLANTED ARE SUBJECT TO TREE BANKING. THE FINAL NUMBER OF TREES TO BE BANKED WILL BE PROVIDED TO THE CITY FOLLOWING ALL PLANTINGS.
- ALL PLANT MATERIAL SHALL BE WARRANTED FOR TWO YEARS FROM THE DATE OF PERFORMANCE ACCEPTANCE AS DETERMINED BY THE CITY OF OTTAWA.
- PERIODIC REVIEWS OF PLANTING SHALL BE CARRIED OUT BY THE LANDSCAPE ARCHITECT.
- PLANTINGS TO BE STAKED FOR APPROVAL PRIOR TO CONSTRUCTION.
- CITY GRASS CUTTING RESPONSIBILITIES FOR SODDED AREAS SHALL BEGIN FOLLOWING PERFORMANCE ACCEPTANCE INSPECTION BY THE LANDSCAPE ARCHITECT AND THE CITY. ACCEPTANCE WILL BE PROVIDED ONLY IF:
  - SOD IS PROPERLY ESTABLISHED.
  - TURF IS FREE OF DEAD SPOTS AND WEEDS.
  - SODDED AREAS HAVE BEEN CUT WITHIN 24 HOURS PRIOR TO ACCEPTANCE INSPECTION.
  - MINIMUM OF 3 WEEKS HAVE ELAPSED FOLLOWING LAYING OF SOD.
  - A MINIMUM OF TWO CUTS HAVE TAKEN PLACE.
  - SODDED AREAS HAVE BEEN TOP DRESSED, SEEDED AND AERATED.
- STREET TREE REQUIREMENT BASED ON DRAFT CONDITIONS FOR FINAL APPROVAL:
  - 1 TREE PER INTERIOR (NON-CORNER) LOTS
  - 2 TREES PER EXTERIOR (CORNER) LOTS

INTERIOR (NON-CORNER) SINGLE LOTS (86/9): 86/9 TREES  
EXTERIOR (CORNER) SINGLE LOTS (117): 234 TREES

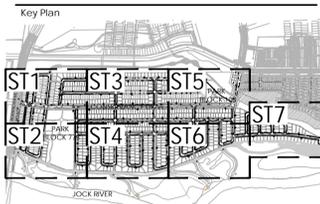
TOTAL NUMBER OF TREES REQUIRED:	1103
NUMBER OF STREET TREES SHOWN ON PLAN:	1098
NUMBER OF WALKWAY BLOCK TREES:	4
TOTAL NUMBER OF TREES ON PLAN:	1102
DIFFERENCE:	-1

\*COMPENSATORY TREE PLANTING HAS BEEN ACCOUNTED FOR IN THE JOCK RIVER CORRIDOR EAST WETLAND CONSTRUCTION AND RESTORATION SITE.
- STREET TREE PLANTING GUIDELINE  
NOTE: APPROVED CROSS SECTIONS SHALL TAKE PRECEDENCE
  - 4.5m - STREET LIGHT
  - 2.5m - STREET LIGHT (SMALL TREE <7m MATURE HT.)
  - 3.0m - HYDRO TRANSFORMER
  - 1.5m - PATH, DRIVEWAY, FENCE, SOUND WALL
  - 4.5m - CONIFERS MINIMUM SETBACK FROM CURB
  - 2.5m - FIRE HYDRANTS
  - 1.5m - WATER SERVICE / CURB STOP
  - 1.0m - BELL / CABLE PEDESTALS

**TREE PLANTING IN MARINE CLAY SOILS**

- THE LANDSCAPE CONSIDERATIONS CONTAINED WITHIN SEC. 6.7 OF PATERSON GROUP GEOTECHNICAL INVESTIGATION, DATED FEBRUARY 22, 2022.
- THIS LANDSCAPE PLAN CONFORMS WITH THE TREE TO FOUNDATION SETBACK, SOIL VOLUME, AND SURFACE-GRADING REQUIREMENTS OUTLINED IN THE CITY OF OTTAWA'S GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017), BASED ON THE FINDINGS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT BY PATERSON GROUP (REPORT PGS036-1 REVISION 6, DATED FEBRUARY 22, 2022).
  - ADDITIONAL REQUIREMENTS OUTLINED IN THE CITY OF OTTAWA'S GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017), INCLUDING USE DEPTH, FOUNDATION WALL REINFORCEMENT, AND SUBDIVISION GRADING, SHOULD BE CONFIRMED BY THE PROJECT ENGINEER(S).
  - THE CONTRACTOR SHOULD REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR BEFORE PLANTING TREES.
  - CITY OF OTTAWA GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017): THE FOLLOWING GUIDELINES ARE PRIMARILY FOCUSED ON SMALL AND MEDIUM SIZE STREET TREES. HOWEVER, LARGE TREES (MATURE HEIGHT OVER 14M) CAN STILL BE PLANTED IN AREAS OF SMC SOILS PROVIDED A TREE TO FOUNDATION SETBACK EQUAL TO THE FULL MATURE HEIGHT OF THE TREE CAN BE PROVIDED (E.G. IN A PARK OR OTHER GREEN SPACE). FOR STREET TREES IN THE ROAD RIGHT-OF-WAY WHERE SMC SOILS HAVE BEEN IDENTIFIED, THE TREE TO FOUNDATION SETBACKS MAY BE REDUCED TO 4.5M FOR SMALL (MATURE TREE HEIGHT UP TO 7.5M) AND MEDIUM SIZE TREES (MATURE TREE HEIGHT 7.5M-14M) PROVIDED ALL OF THE FOLLOWING SIX CONDITIONS ARE MET:
    - THE MODIFIED PLASTICITY INDEX OF THE SOIL BETWEEN THE UNDERSIDE OF FOOTING (USF) AND A DEPTH OF 3.5M GENERALLY DOES NOT EXCEED 40%. THIS CORRESPONDS TO SOILS WITH LOW/MEDIUM POTENTIAL FOR SOIL VOLUME CHANGE. CLAY SOILS THAT EXCEED THE 40% PLASTICITY INDEX ARE CONSIDERED TO HAVE HIGH POTENTIAL FOR SOIL VOLUME CHANGE. FOR THESE WORST-CASE SOILS, THE SETBACKS AND TREE PLANTING RESTRICTIONS REMAIN UNCHANGED FROM THE 2005 CLAY SOILS POLICY (TREE SETBACK MUST EQUAL THE MATURE HEIGHT OF THE TREE - I.E. 7.5M SETBACK FOR SMALL TREES).
    - THE USF IS 2.1M OR GREATER BELOW THE LOWEST FINISHED GRADE. NOTE: THIS FOOTING LEVEL MUST BE SATISFIED FOR FOOTINGS WITHIN 10M OF THE TREE, AS MEASURED FROM THE CENTRE OF THE TREE TRUNK, AND VERIFIED BY MEANS OF THE GRADING PLAN AS INDICATED IN THE PROCEDURAL CHANGES BELOW.
    - A SMALL SIZE TREE MUST BE PROVIDED WITH A MINIMUM OF 25M<sup>3</sup> OF AVAILABLE SOIL VOLUME, AS DETERMINED BY A LANDSCAPE ARCHITECT. A MEDIUM SIZE TREE MUST BE PROVIDED WITH A MINIMUM OF 30M<sup>3</sup> OF AVAILABLE SOIL VOLUME, AS DETERMINED BY A LANDSCAPE ARCHITECT. THE DEVELOPER WILL ENSURE THE SOIL IS GENERALLY UNCOMPACTED WHEN BACKFILLING IN STREET TREE PLANTING LOCATIONS.  
NOTE: THE SOIL VOLUME CALCULATION MUST BE BASED ON A DEPTH OF 1.5M BELOW FINISHED GRADE (E.G. 5M LENGTH X 4M WIDTH AT SURFACE X 1.5M DEPTH = 30M<sup>3</sup>). IT MAY INCLUDE LANDS IN THE RIGHT-OF-WAY AND ON PRIVATE PROPERTY, BUT MUST SUBTRACT THE VOLUME OF SHALLOW UTILITY TRENCHES (I.E. VOLUME OF SHALLOW UTILITY TRENCHES CANNOT COUNT TOWARDS MINIMUM SOIL VOLUME).
  - THE TREE SPECIES MUST BE SMALL TO MEDIUM SIZE, AS CONFIRMED BY A LANDSCAPE ARCHITECT IN THE LANDSCAPE PLAN.
  - THE FOUNDATION WALLS ARE TO BE REINFORCED AT LEAST NOMINALLY (MINIMUM OF TWO UPPER AND TWO LOWER 15M BARS IN THE FOUNDATION WALL) TO PROVIDE DUCTILITY AS DESCRIBED IN THE GEOTECHNICAL REPORT.
  - GRADINGS 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 SUBDIVISION GRADING PLAN.

Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work. This drawing is not to be used for construction until signed by the Landscape Architect.



SCALE 1:15000

**LEGEND**

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---	PHASE LINE
---	LIMITS OF REGISTRATION 1 APPROVAL
<b>FENCING</b>	
---	ACOUSTIC FENCE WITH GATE LOCATED 0.3M ON PRIVATE PROPERTY
---	CHAIN LINK FENCE
---	POST AND RAIL FENCE
<b>PLANTING</b>	
XX	LARGE DECIDUOUS STREET TREE (>15m HEIGHT)
XX	MEDIUM DECIDUOUS STREET TREE (7.5m TO 15m HEIGHT)
---	SODDING
---	SEEDING
<b>UTILITIES</b>	
---	PROPOSED HYDRO TRANSFORMER
---	PROPOSED CABLE PEDESTAL
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---	CURB STOP
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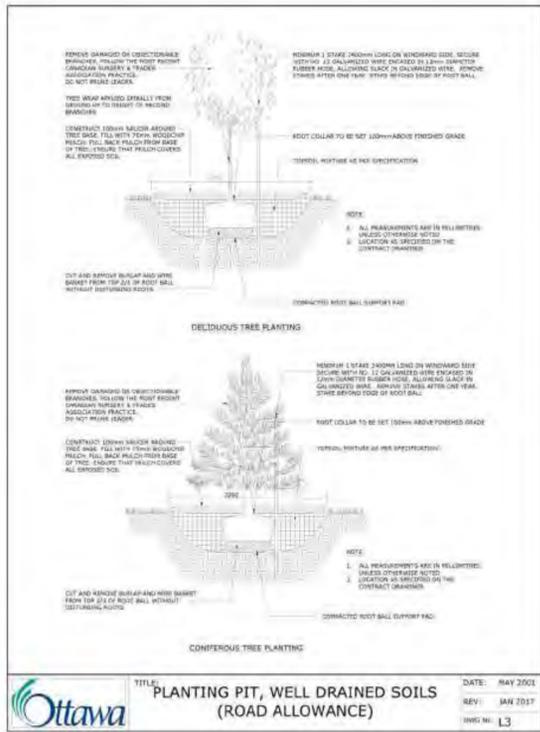
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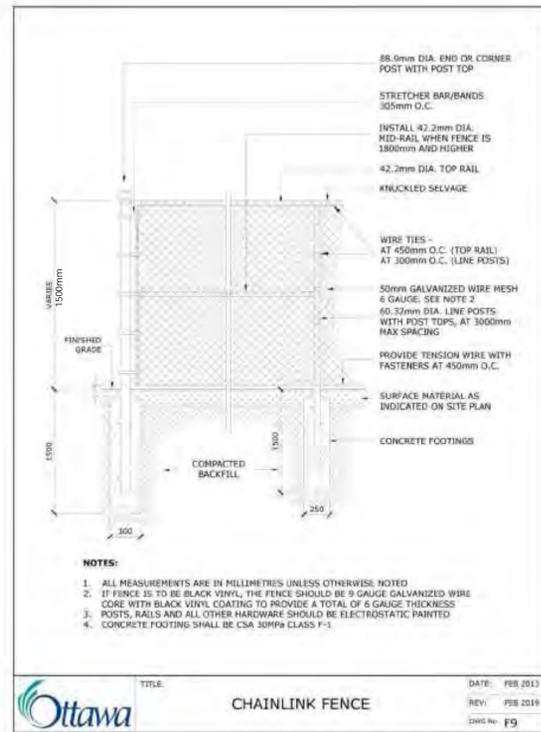
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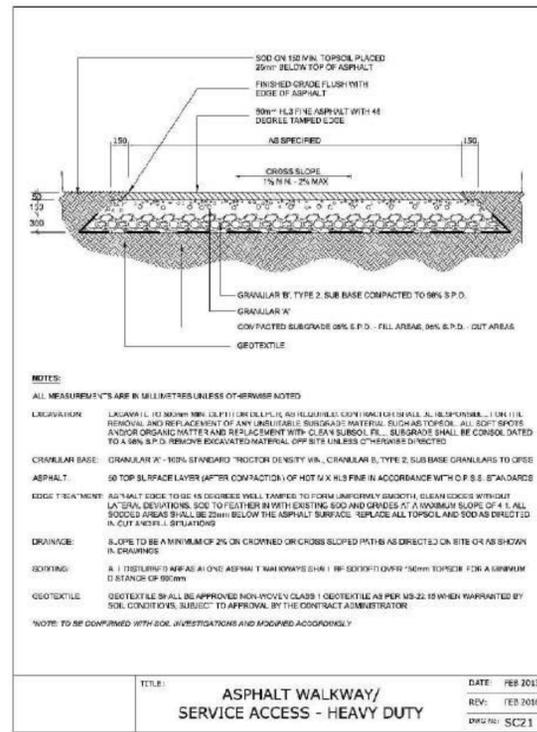
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Drawn	JC	Job No.	22-004



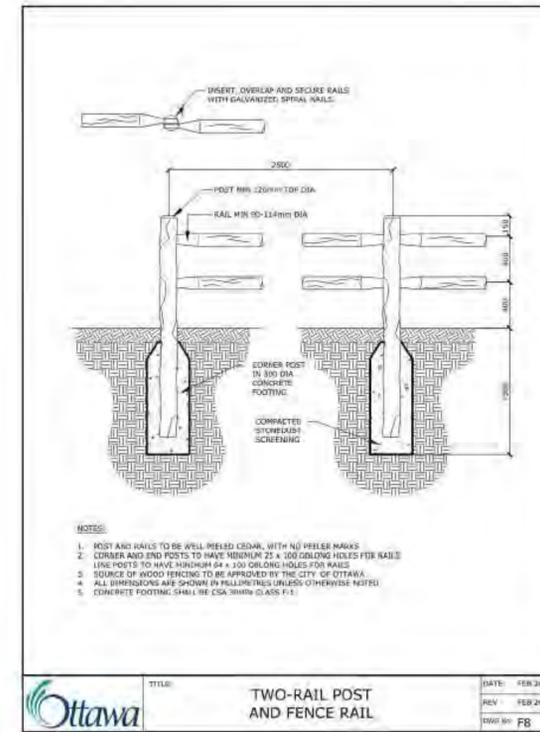
1 DECIDUOUS TREE PLANTING  
N.T.S.



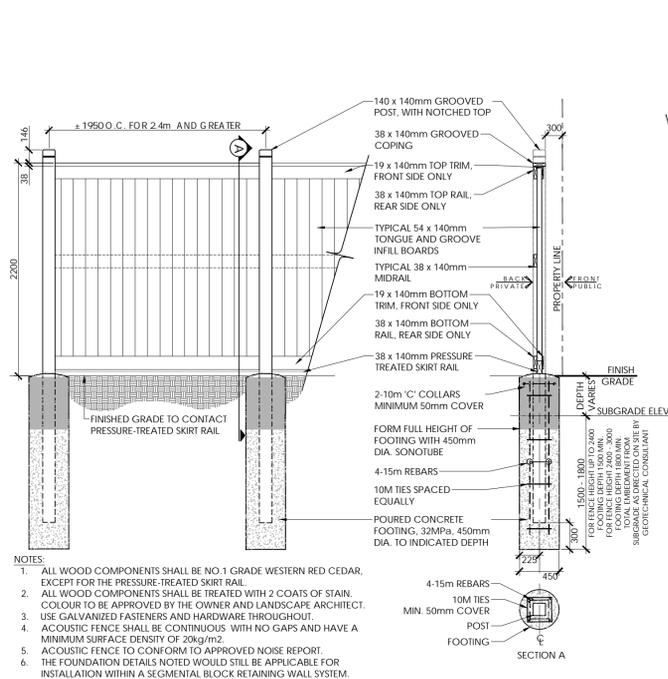
2 1.5m CHAINLINK FENCE  
N.T.S.



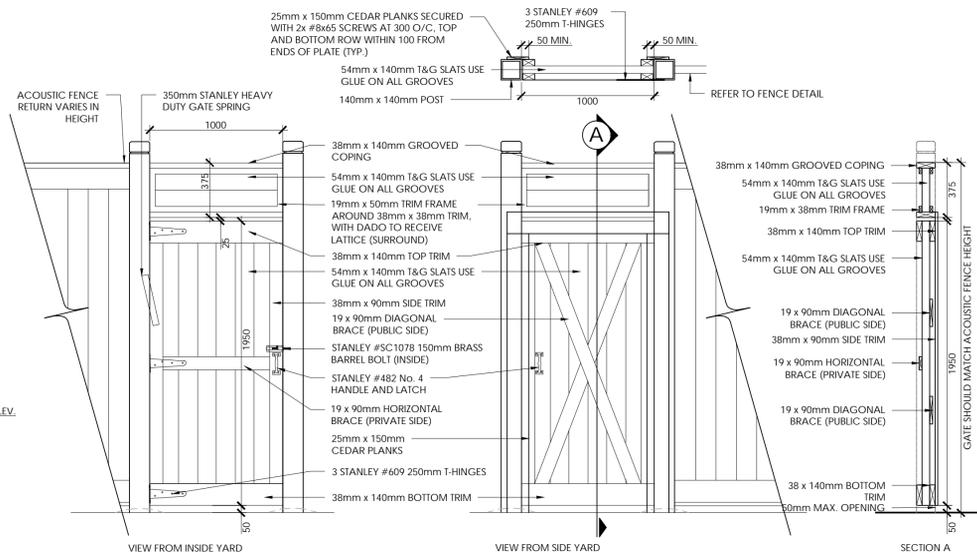
3 HEAVY DUTY ASPHALT WALKWAY  
N.T.S.



4 TWO-RAIL POST AND RAIL FENCE  
N.T.S.



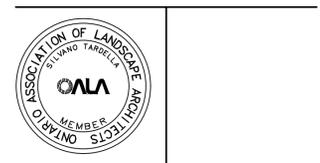
5 2.2m ACOUSTIC FENCE/GATE  
N.T.S.



- NOTES:**
1. ALL WOOD COMPONENTS SHALL BE NO. 1 GRADE WESTERN RED CEDAR.
  2. ALL WOOD COMPONENTS SHALL BE TREATED WITH 2 COATS OF STAIN, COLOUR TO BE APPROVED BY THE OWNER AND LANDSCAPE ARCHITECT.
  3. USE GALVANIZED FASTENERS AND HARDWARE THROUGHOUT.
  4. ACOUSTIC FENCE SHALL BE CONTINUOUS WITH NO GAPS AND HAVE A MINIMUM SURFACE DENSITY OF 20kg/m<sup>2</sup>.
  5. ACOUSTIC FENCE TO CONFORM TO APPROVED NOISE REPORT.
  6. ACOUSTIC GATES WILL NOT BE CONSTRUCTED WITH TRANSOM WHEN ACOUSTIC FENCE HEIGHT IS 2.1m OR LESS IN THIS CASE THE GATE TO MATCH THE ACOUSTIC FENCE HEIGHT.

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Project

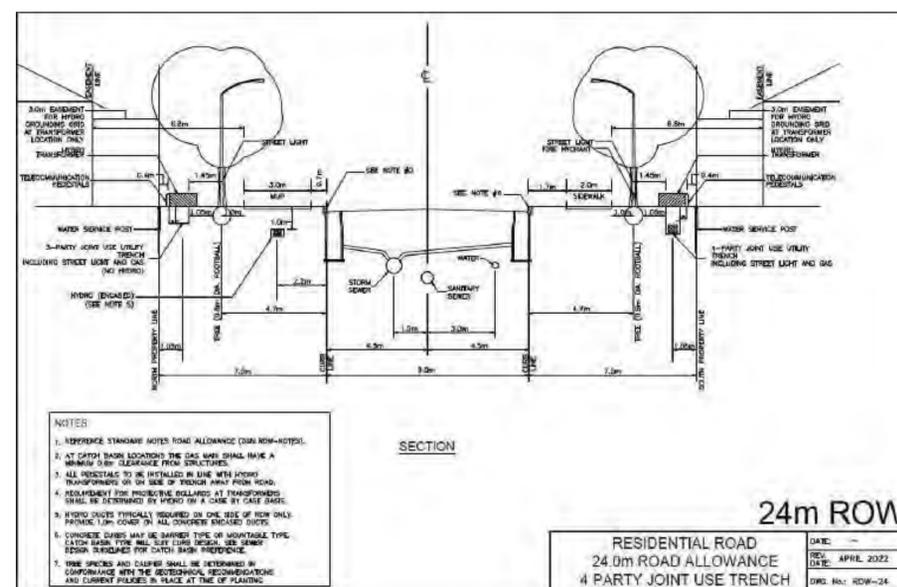
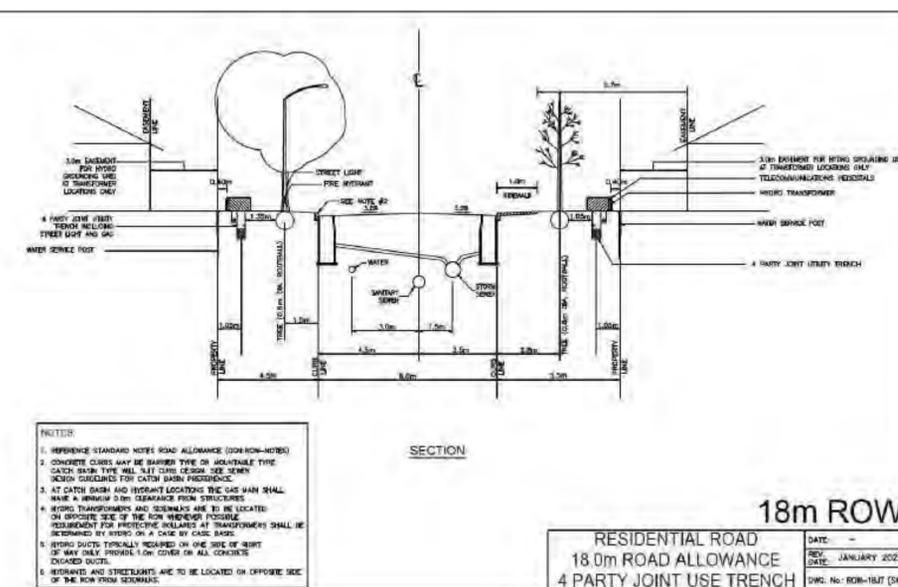
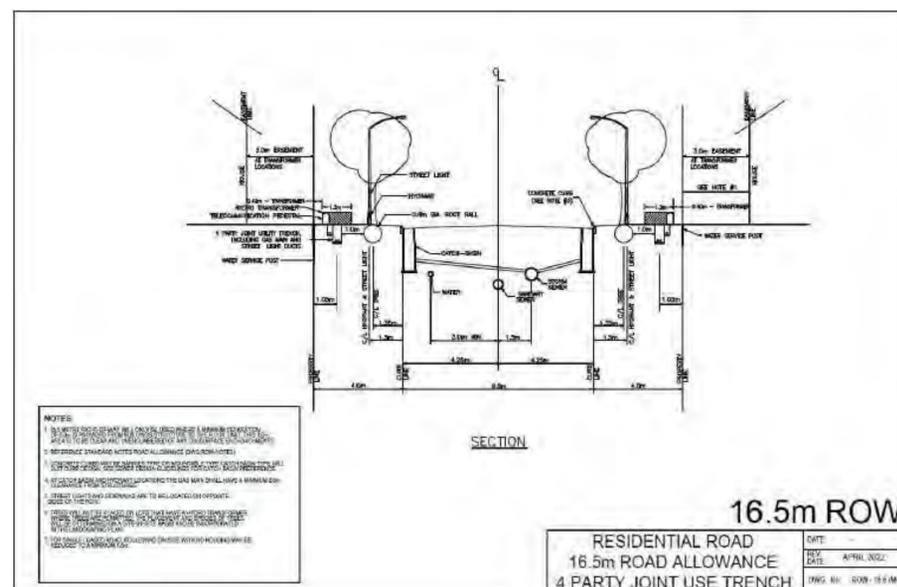
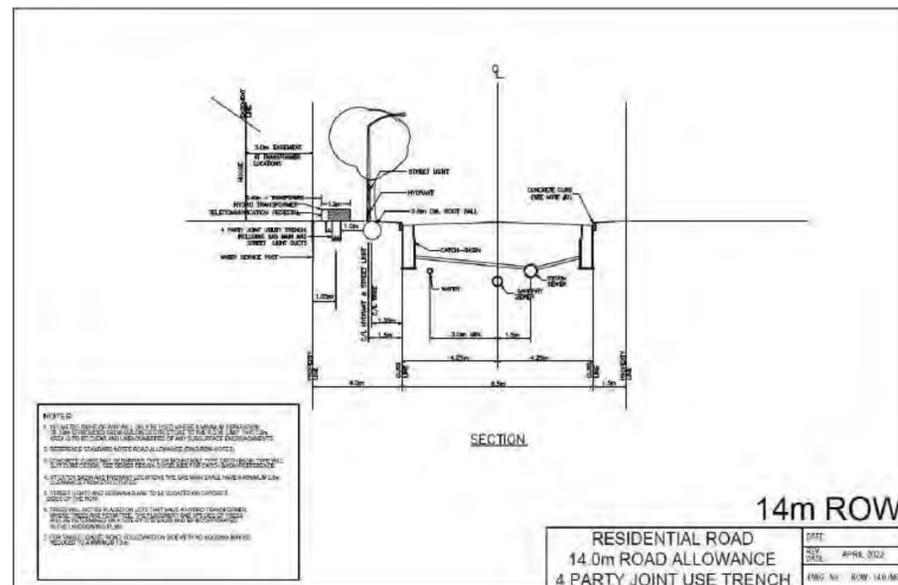
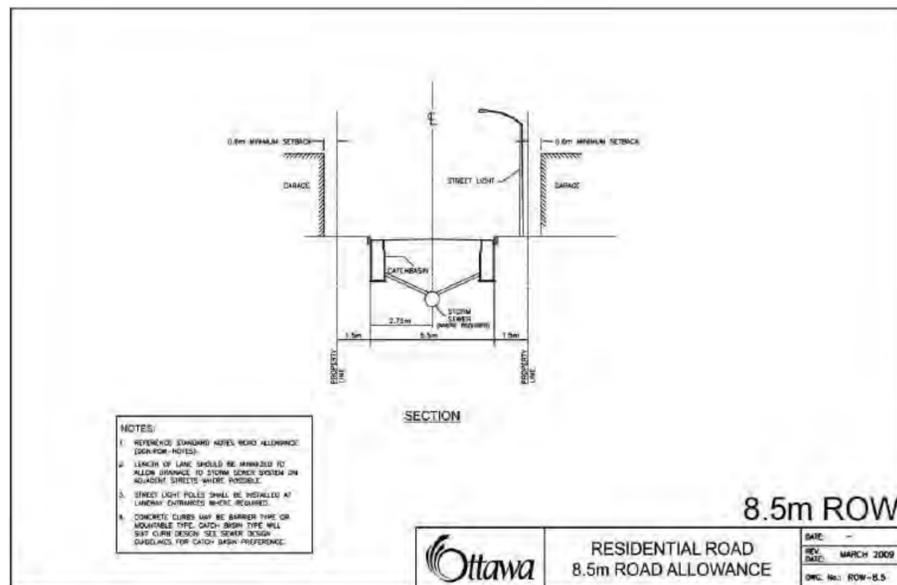
Conservancy East  
Phase 2 - 4

Date	Scale	Drawn	Checked	Job No.
JANUARY 2023	N.T.S.	JC	MK	22-004

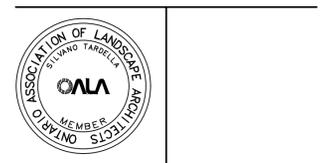
Sheet

**D1**

Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work. This drawing is not to be used for construction until signed by the Landscape Architect.



13	Revised Submission REV 3	2023-10-27
12	Revised Submission REV 2	2023-10-23
11	Issued for Revised Submission	2023-10-18
10	Issued for Client Review	2023-10-05
9	Revised for CUP Update	2023-07-26
8	Re-issued for Second Submission	2023-07-18
7	Re-issued for Second Submission	2023-06-29
6	Re-issued for Second Submission	2023-03-24
5	Issued for Second Submission	2023-02-28
4	Issued for Revised First Submission	2023-02-09
3	Issued for Revised First Submission	2023-01-10
2	Issued for CUP Coordination	2022-12-13
1	Issued for First Submission	2022-09-30
No.	Description	Date



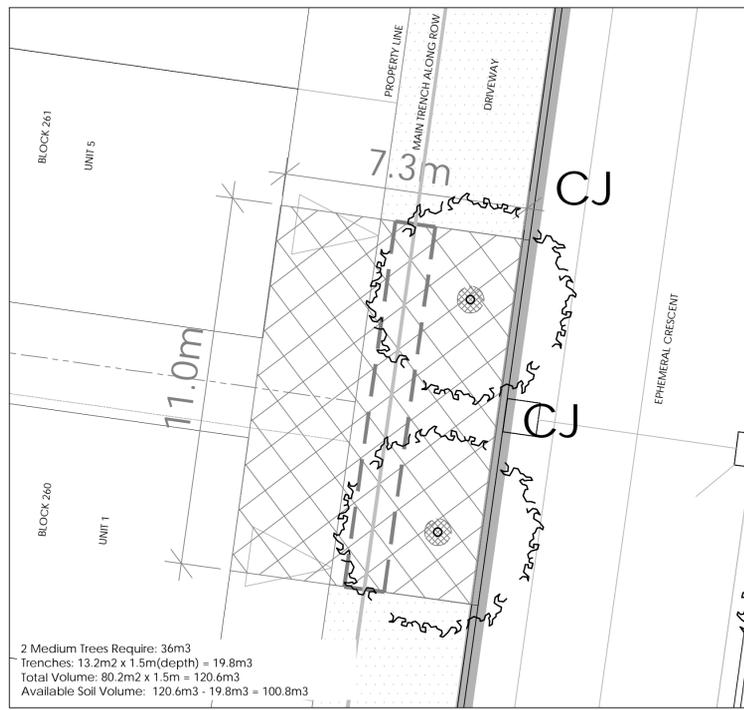
**NAK** design strategies  
1285 WELLINGTON STREET W, OTTAWA, ON K1Y 3A8 CANADA  
T 613.237.2345 F 613.237.6423 NAKDESIGNSTRATEGIES.COM

Conservancy East  
Phase 2 - 4

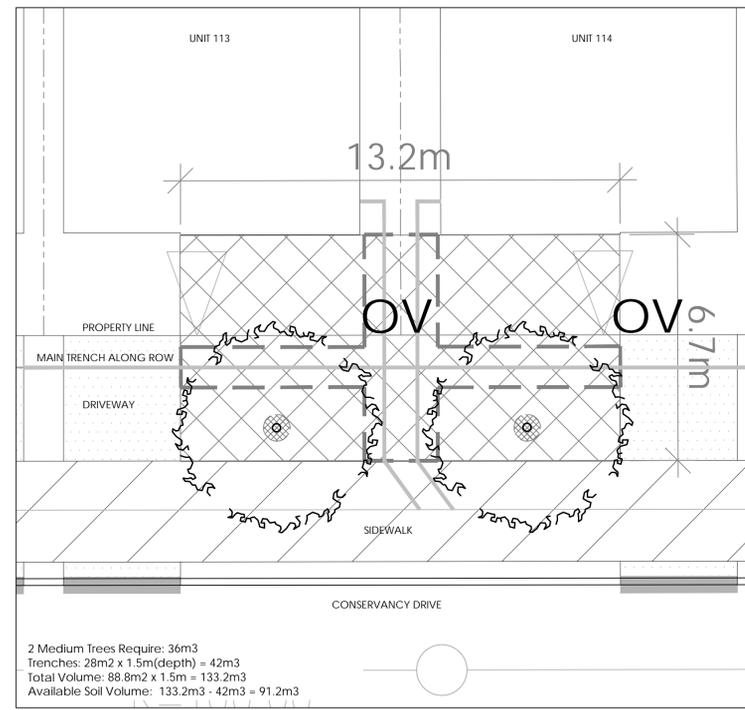
ROW CROSS-SECTIONS

Date: JANUARY 2023 Sheet:  
Scale: N.T.S.  
Drawn: JC  
Checked: MK  
Job No.: 22-004

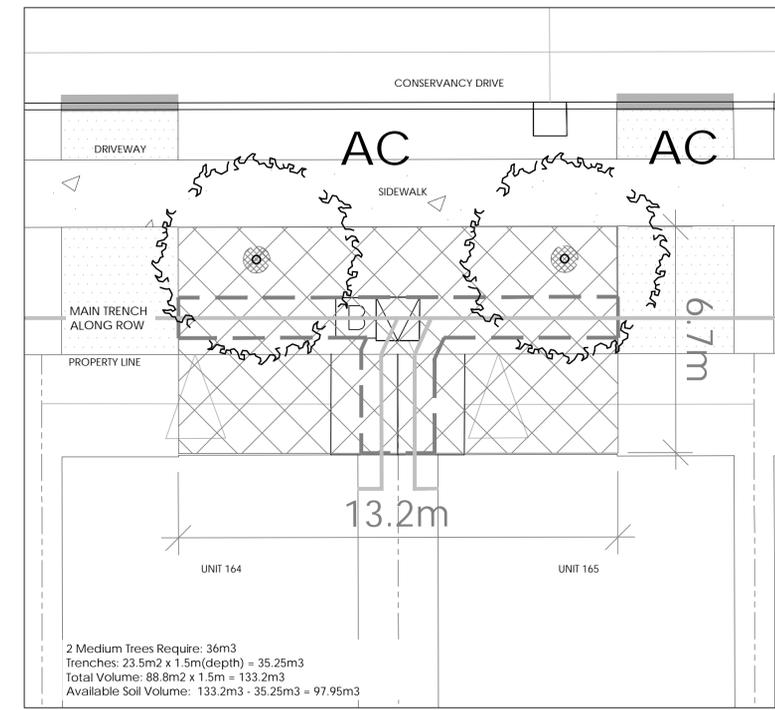
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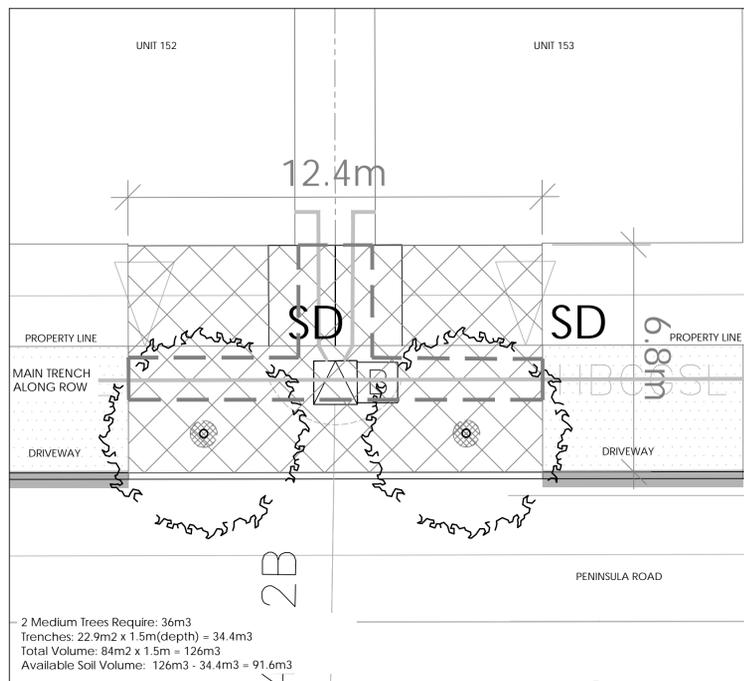
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 UNITS 1.5 - 18.0M ROW - EPHEMERAL CRESCENT



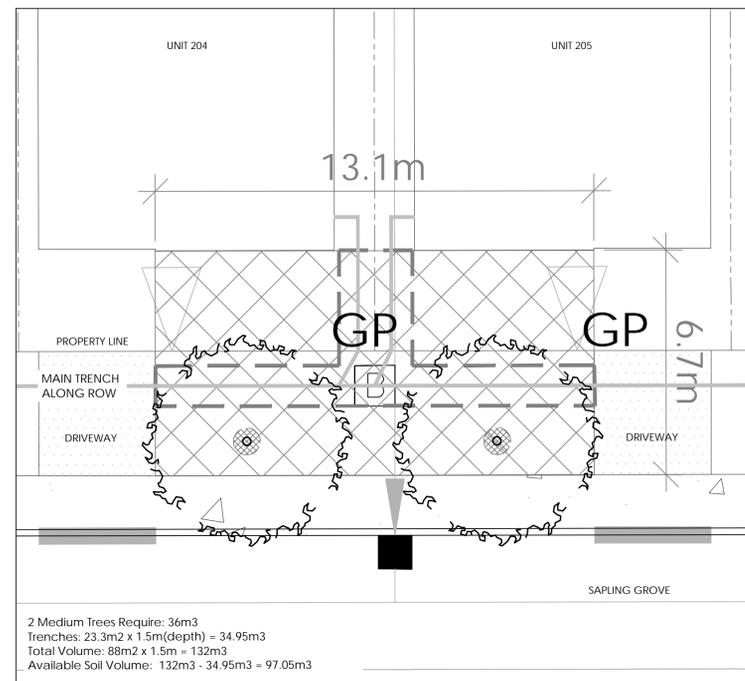
2 SOIL VOLUME CALCULATION 2(SCALE 1:100)  
 UNITS 113,114 - 24.0M ROW - CONSERVANCY DRIVE



3 SOIL VOLUME CALCULATION 3(SCALE 1:100)  
 UNITS 164,165 - 24.0M ROW - CONSERVANCY DRIVE

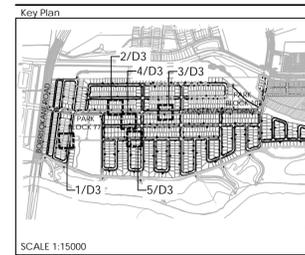


4 SOIL VOLUME CALCULATION 4(SCALE 1:100)  
 UNITS 152,153 - 16.5M ROW - PENINSULA ROAD



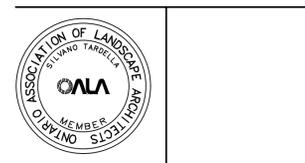
5 SOIL VOLUME CALCULATION 5(SCALE 1:100)  
 UNITS 204,205 - 18.0M ROW - SAPLING GROVE

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Revision  
 City Approval Stamp



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Project

Conservancy East  
 Phase 2 - 4

Title  
 SOIL VOLUME CALCULATIONS

Date JANUARY 2023 Sheet  
 Scale N.T.S.  
 Drawn JC  
 Checked MK  
 Job No. 22-004

D3