

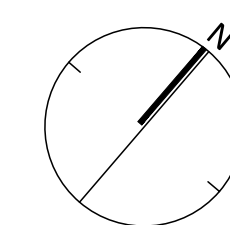
CAIVAN STITTSVILLE WEST

CAIVAN
COMMUNITIES

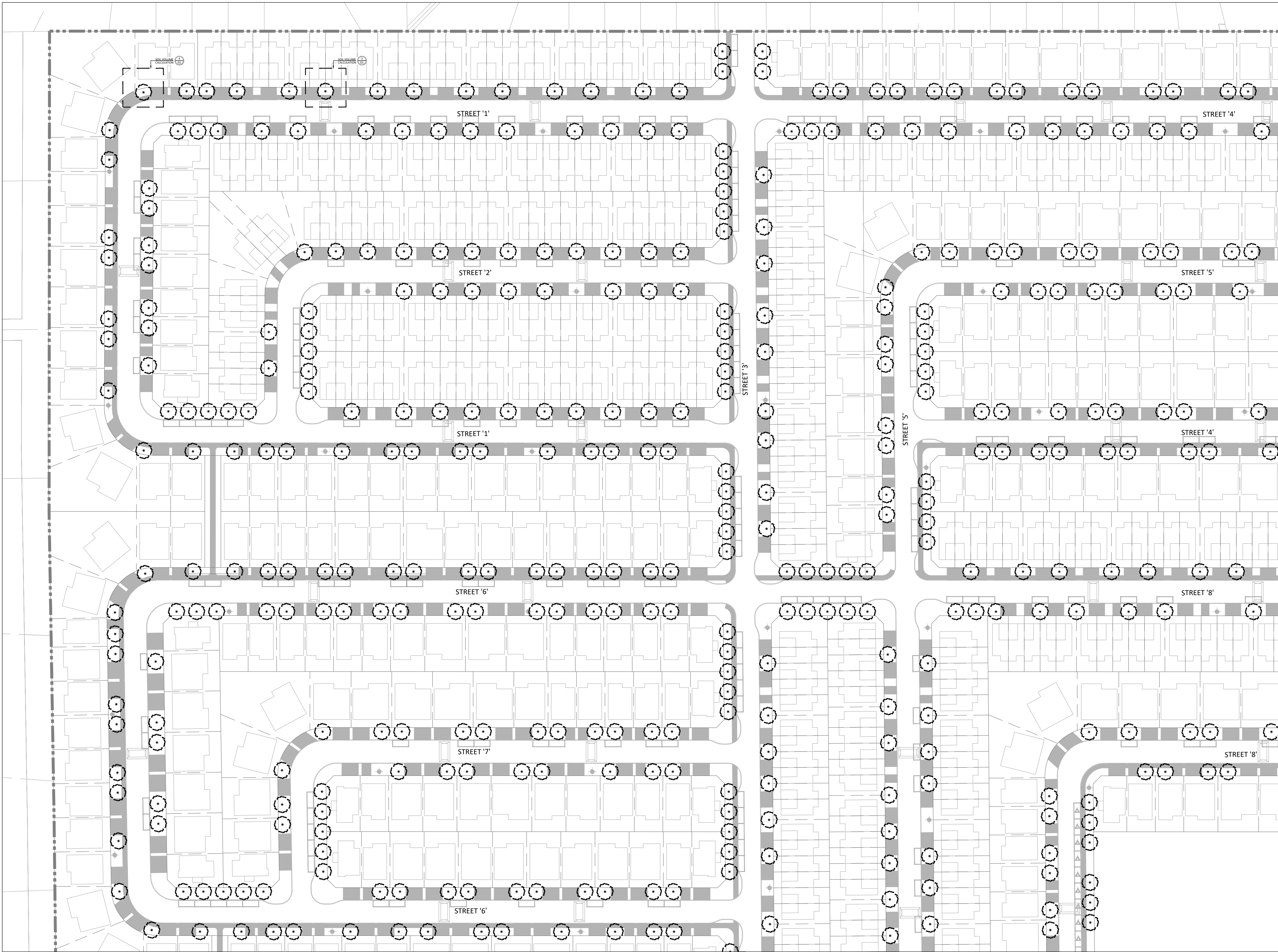
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LIST OF DRAWINGS:

- ST1 - PRELIMINARY STREETSCAPE PLAN
- ST2 - PRELIMINARY STREETSCAPE PLAN
- ST3 - PRELIMINARY STREETSCAPE PLAN
- ST4 - PRELIMINARY STREETSCAPE PLAN
- ST5 - PRELIMINARY STREETSCAPE PLAN
- ST6 - PRELIMINARY STREETSCAPE PLAN
- D1 - DETAILS



KEYMAP
NTS



PROPOSED TREE CANOPY PROJECTIONS			
TREE TYPE/SIZE	CROWN AREA PER TREE STANDARD RANGE (m²)	CROWN AREA PER TREE USED FOR CALC. (m²)	SITE CANOPY COVER
MEDIUM/ LARGE (1229)	35-250*	±138	***CANOPY (W. OVERLAP): 162,886m²
*RANGE OF CROWN AREAS IS IN ACCORDANCE WITH PROPOSED TREES SPECIES.			SITE: 502,665m²
**CROWN AREAS ARE ACCORDING TO THE AVERAGE MATURE CANOPY SIZE OF THE RESPECTIVE SPECIES. CANOPY SIZING HAS BEEN DETERMINED IN REFERENCE TO VARIOUS ARBORICULTURAL AND BOTANICAL SOURCES, SUCH AS: ONTARIO MINISTRY OF NATURAL RESOURCES & FORESTRY (OMNR); US FOREST SERVICE; FARRAR, J.L. TREES IN CANADA. UNIVERSITY OF GUELPH ARBORETUM, VARIOUS PUBLICATIONS			TOTAL PERCENT COVER: 32%

- ***NOTES:
- CANOPY COVERAGE BASED ON AVERAGE EXPECTED MATURE DIAMETER OF ~12.5m, AREA OF ~138m² (COMBINATION OF MEDIUM AND LARGE SIZE TREES).
 - CALCULATION ACCOUNTS FOR CANOPY OVERLAP BETWEEN TREES AND EXCLUDES CANOPY OVERLAP TO NON-RESIDENTIAL LANDS.
 - GRAPHICS ARE NOT TO SCALE.

TREE SOIL VOLUMES		
TREE TYPE/SIZE	SINGLE TREE SOIL VOLUME	MULTIPLE TREE SOIL VOLUME (m3/TREE)
ORNAMENTAL	15	9
COLUMNAR	15	9
SMALL	20	12
MEDIUM	25	15
LARGE	30	18
CONIFER	25	15

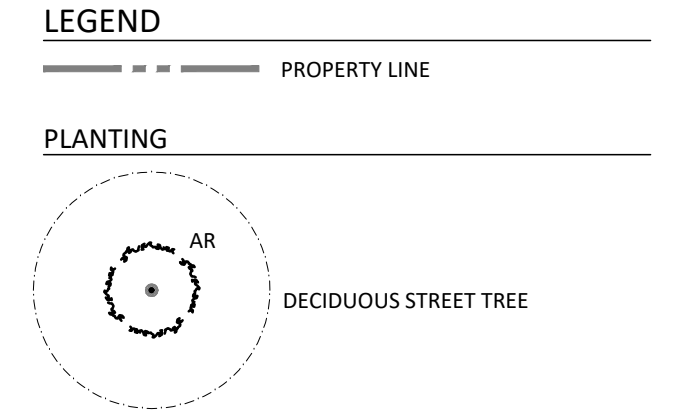
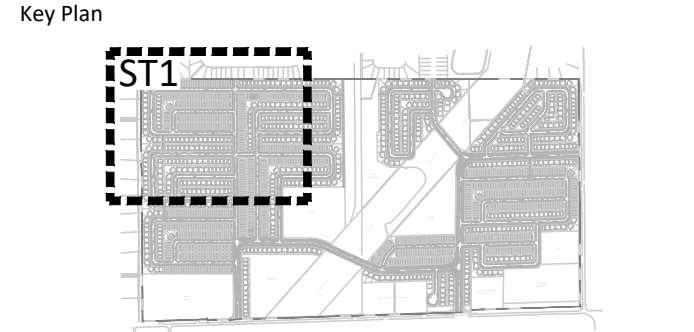
- TYPICAL STREET TREE PLANTING REQUIREMENTS
- 1 TREE PER INTERIOR SINGLE (NON-CORNER) LOTS
 - 2 TREES PER EXTERIOR SINGLE (CORNER) LOTS
 - 1 TREE PER EXTERIOR TOWNHOUSE (CORNER) LOT
 - 2 TREES PER 3 MULTIPLE-UNITS TOWNHOUSE
 - 2 TREES PER 4 MULTIPLE-UNITS TOWNHOUSE
 - 3 TREES PER 5 MULTIPLE-UNITS TOWNHOUSE
 - 3 TREES PER 6 MULTIPLE-UNITS TOWNHOUSE

INTERIOR SINGLE (NON-CORNER) LOTS (597): 597 TREES
EXTERIOR SINGLE (CORNER) LOTS (65): 130 TREES
EXTERIOR TOWNHOUSE (CORNER) LOT (40): 40 TREES
3 MULTIPLE-UNITS TOWNHOUSE (18): 36 TREES
4 MULTIPLE-UNITS TOWNHOUSE (18): 36 TREES
5 MULTIPLE-UNITS TOWNHOUSE (87): 261 TREES
6 MULTIPLE-UNITS TOWNHOUSE (46): 138 TREES

TOTAL NUMBER OF TREES REQUIRED:	1,238
NUMBER OF STREET TREES SHOWN ON PLAN:	1,229
NUMBER OF WALKWAY BLOCK TREES:	00
TOTAL NUMBER OF TREES ON PLAN:	1,229
DIFFERENCE:	-9

*PRELIMINARY - STREET TREE LOCATIONS ARE SUBJECT TO CHANGE DURING DETAILED DESIGN AND SITE PLAN CONTROL APPLICATIONS.

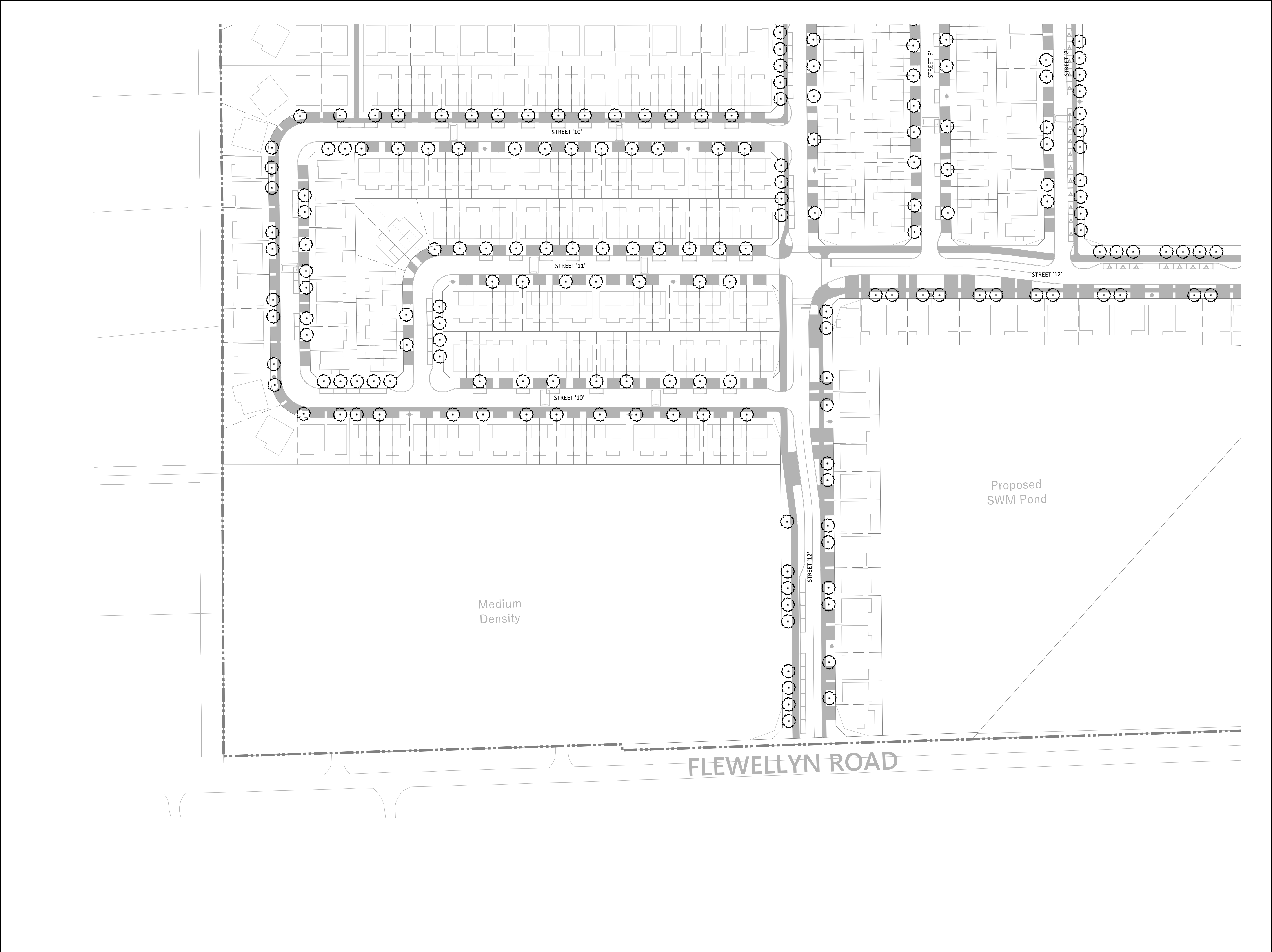
Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work. This drawing is not to be used for construction until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



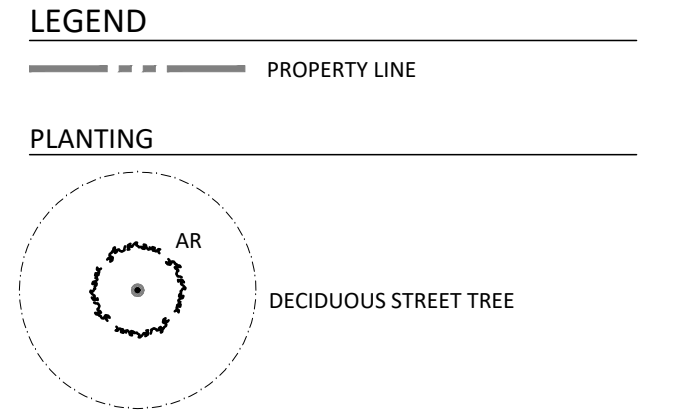
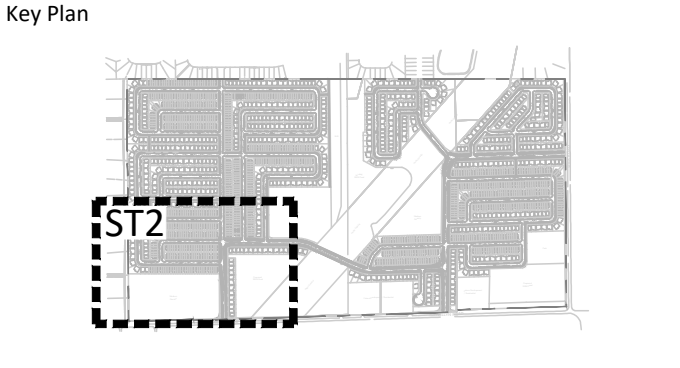
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5	Issued for Preliminary Streetscape Resubmission	Apr.14/25
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No.	Description	Date
Revision		
City Approval Stamp		

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T 613.237.2345
Project

STITTSVILLE WEST		
Title		
PRELIMINARY STREETScape PLAN		
Date	2024-06-20	Sheet
Scale	1:750	ST1
Drawn	NM	
Checked	SE	
Job No.	21-273	



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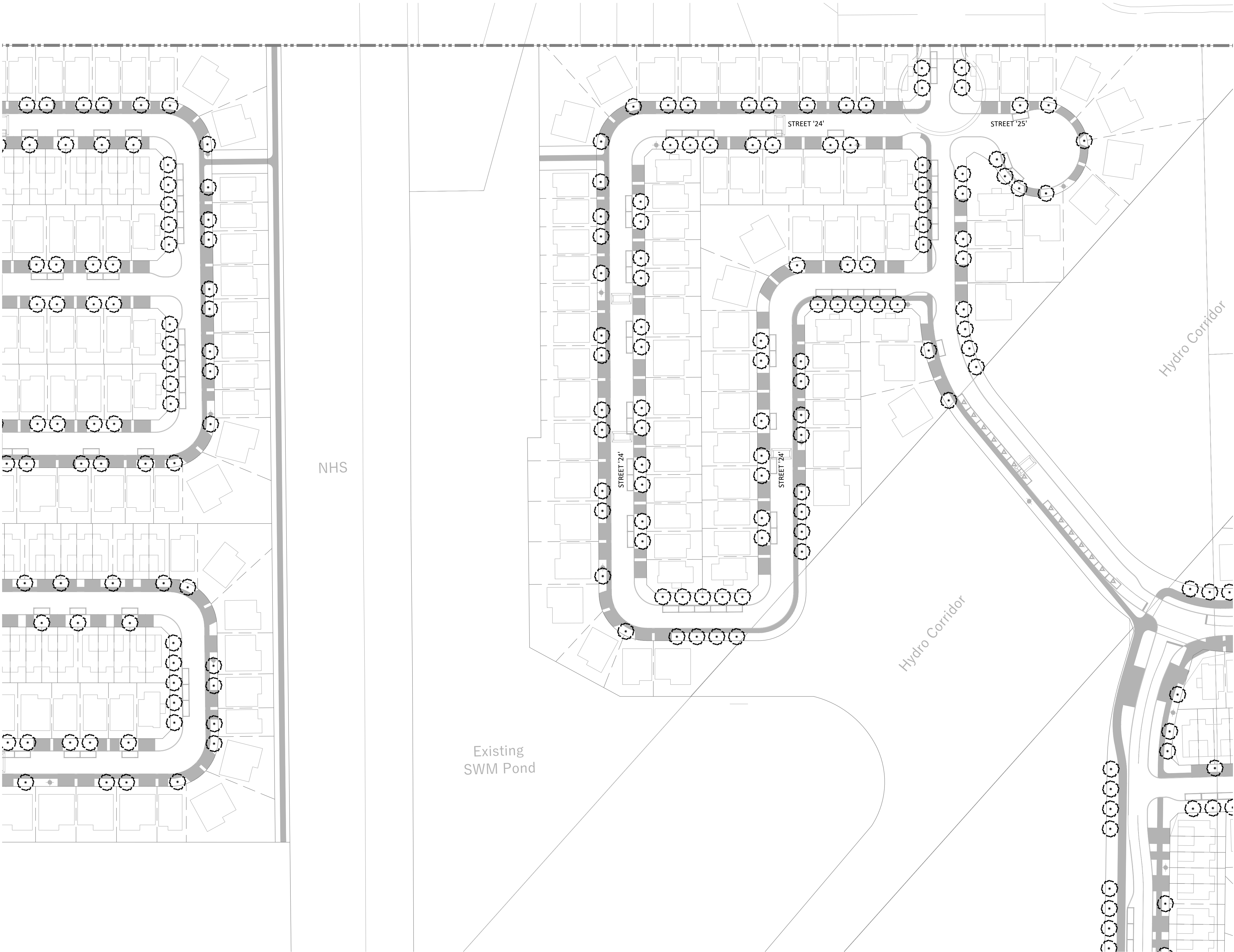
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Title

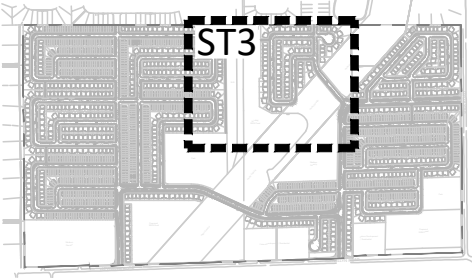
PRELIMINARY STREETSCAPE PLAN

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Drawn	NM	
Checked	SE	
Job No.	21-273	



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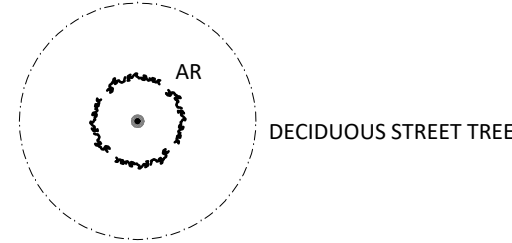
Key Plan



LEGEND

--- PROPERTY LINE

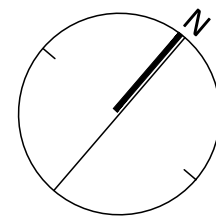
PLANTING



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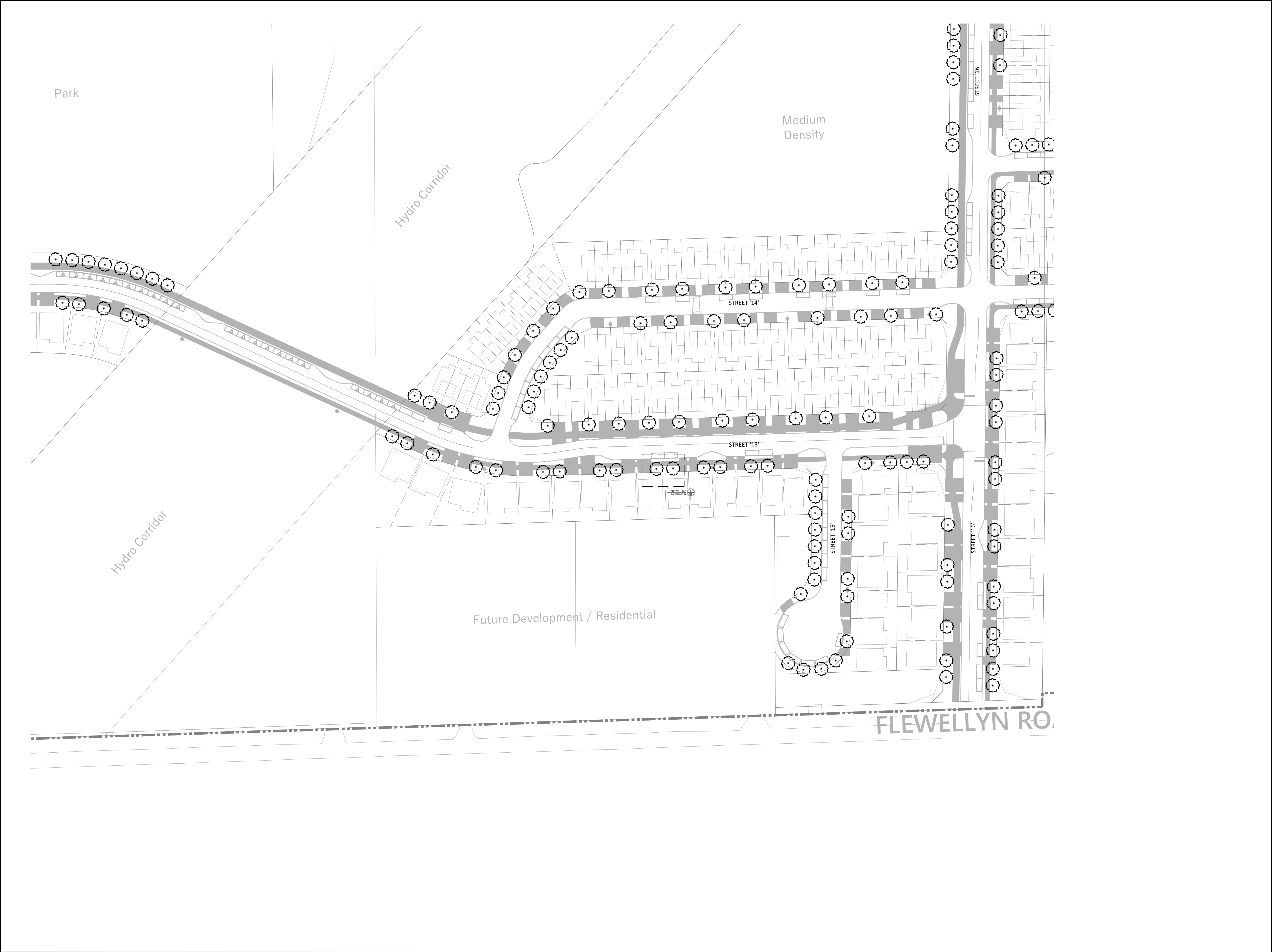
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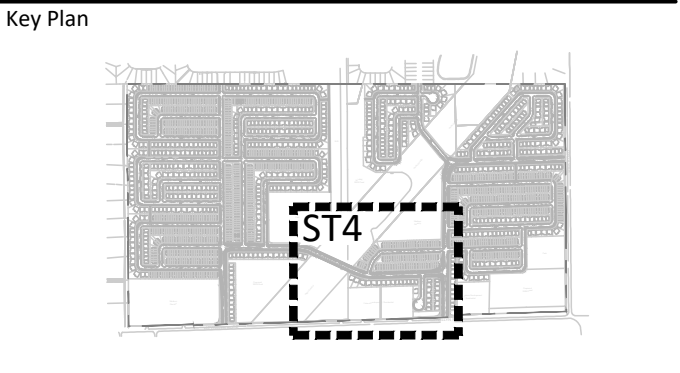
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Job No. 21-273

Sheet

ST3



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LEGEND

--- PROPERTY LINE

PLANTING

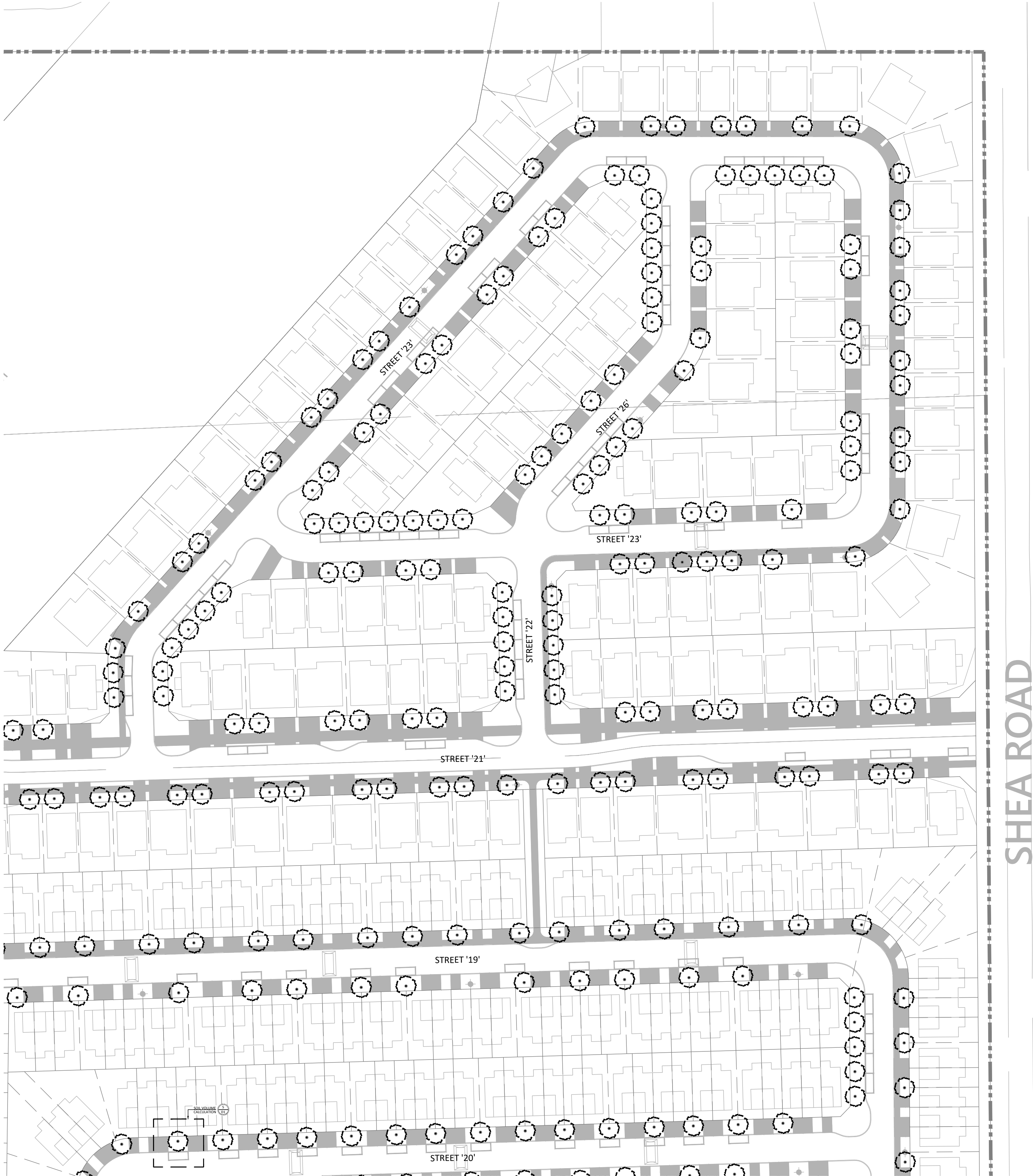
AR
DECIDUOUS STREET TREE

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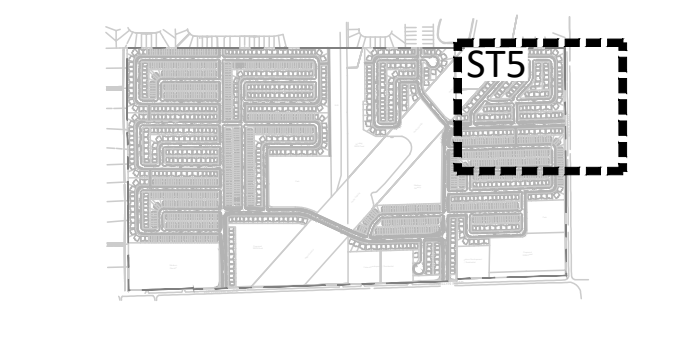
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Title		
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Date	2024-06-20	Sheet
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Drawn	NM	
Checked	SE	
Job No.	21-273	



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Key Plan



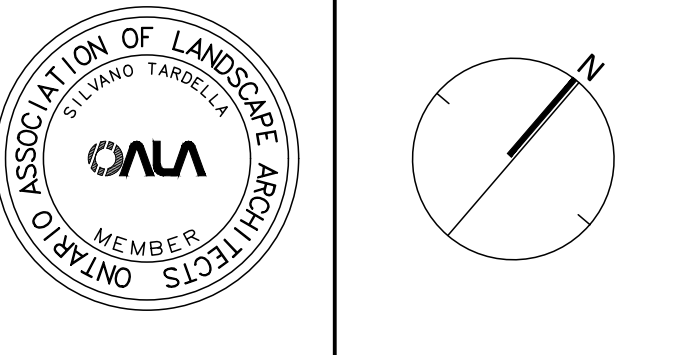
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--- PROPERTY LINE

PLANTING



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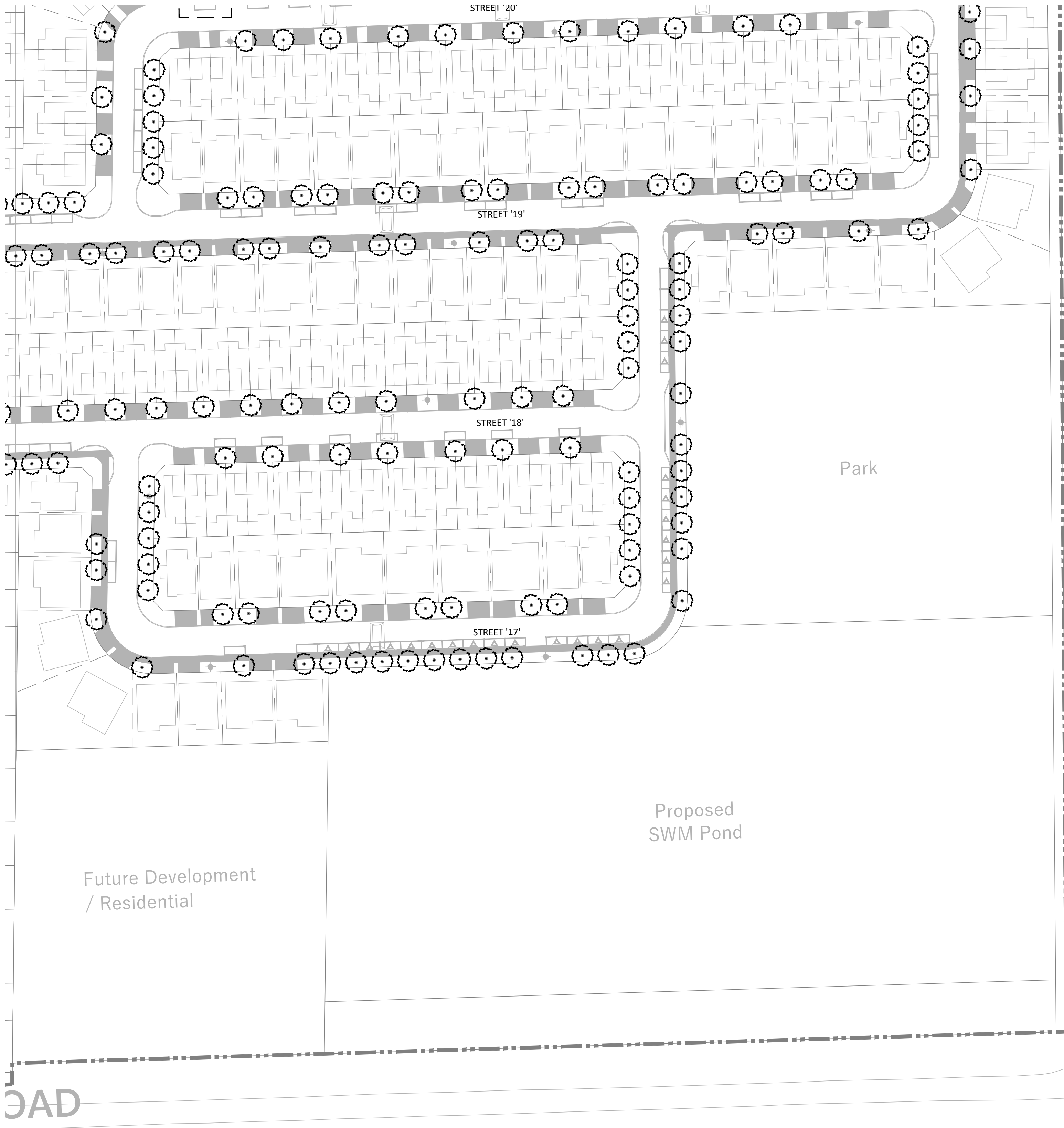
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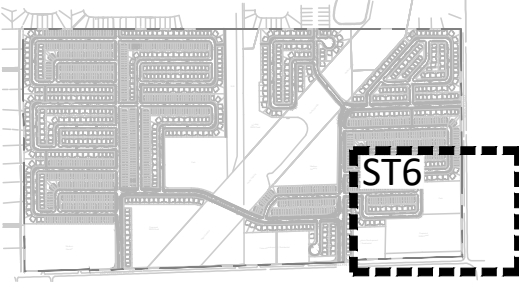
ST5



CAD

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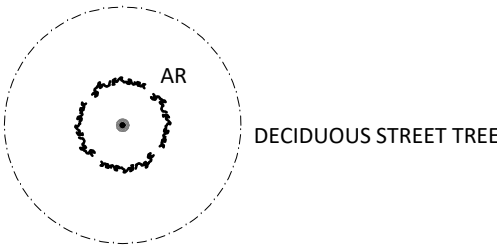
Key Plan



LEGEND

--- PROPERTY LINE

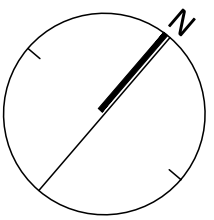
PLANTING



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PRELIMINARY STREETScape PLAN

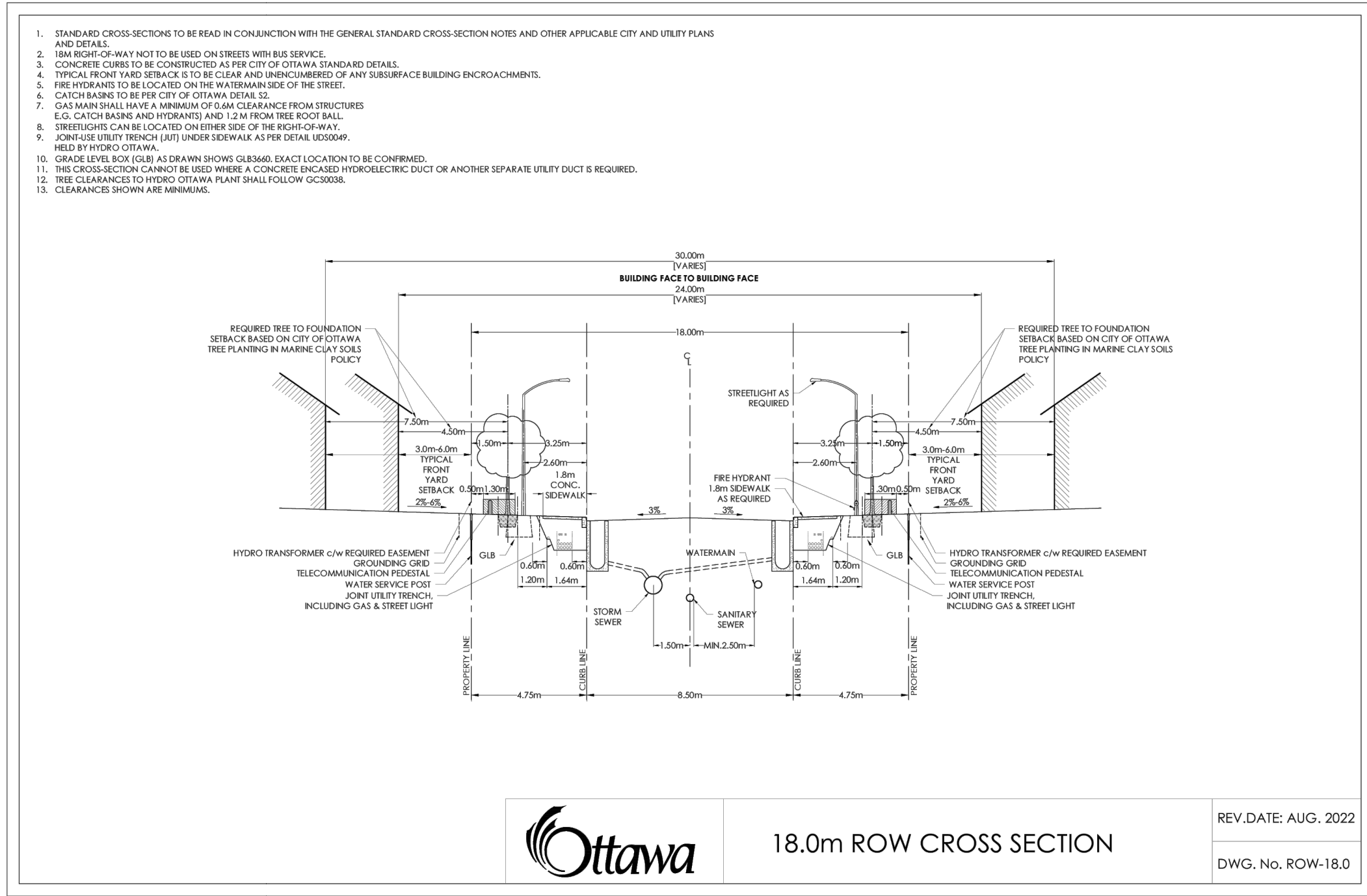
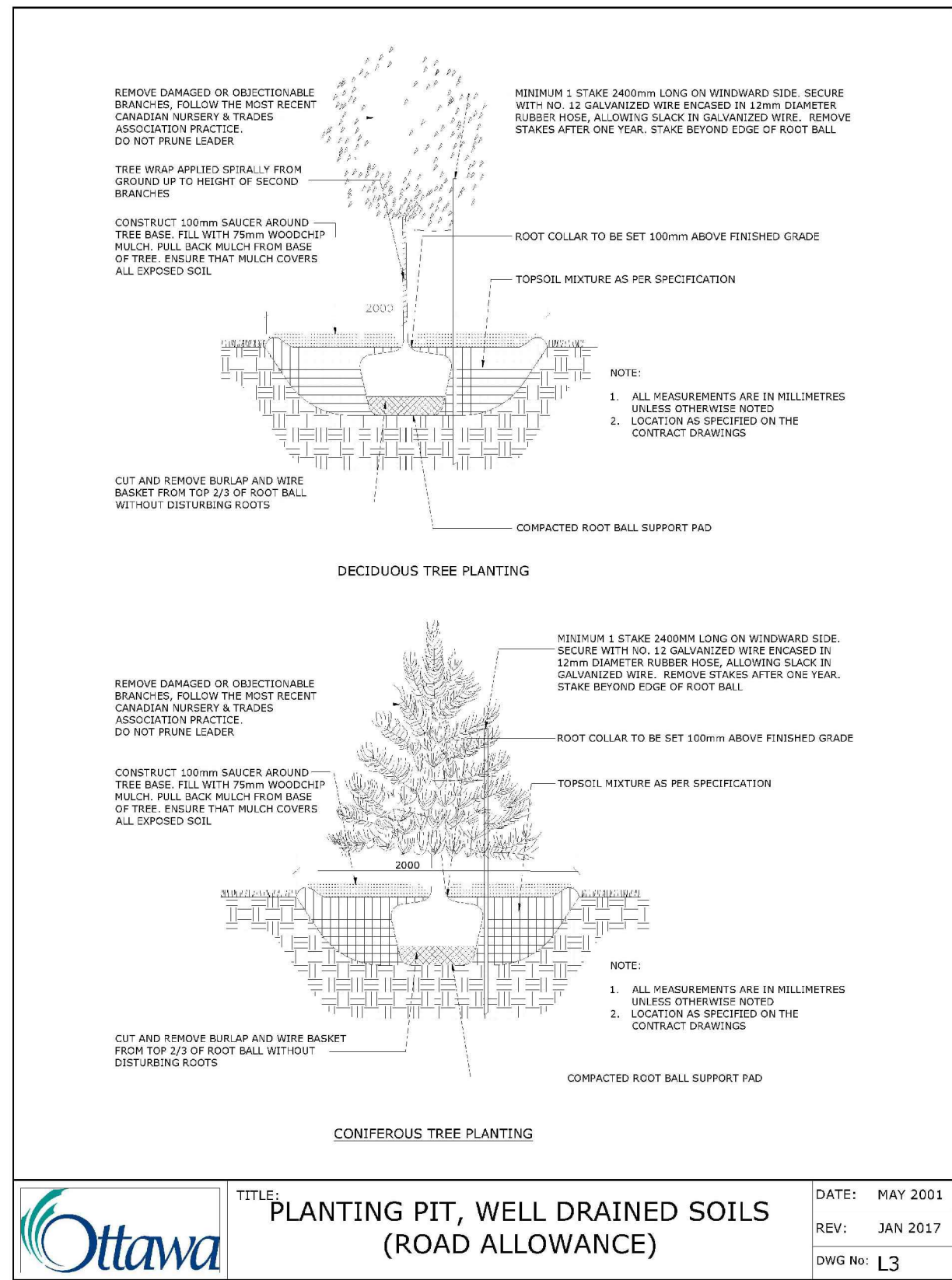
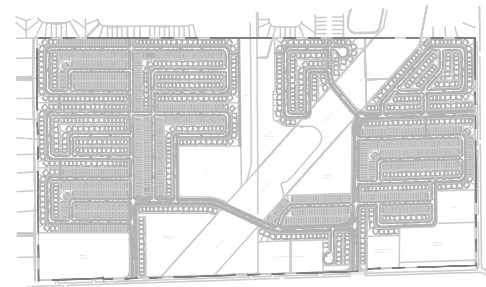
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ST6

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Key Plan



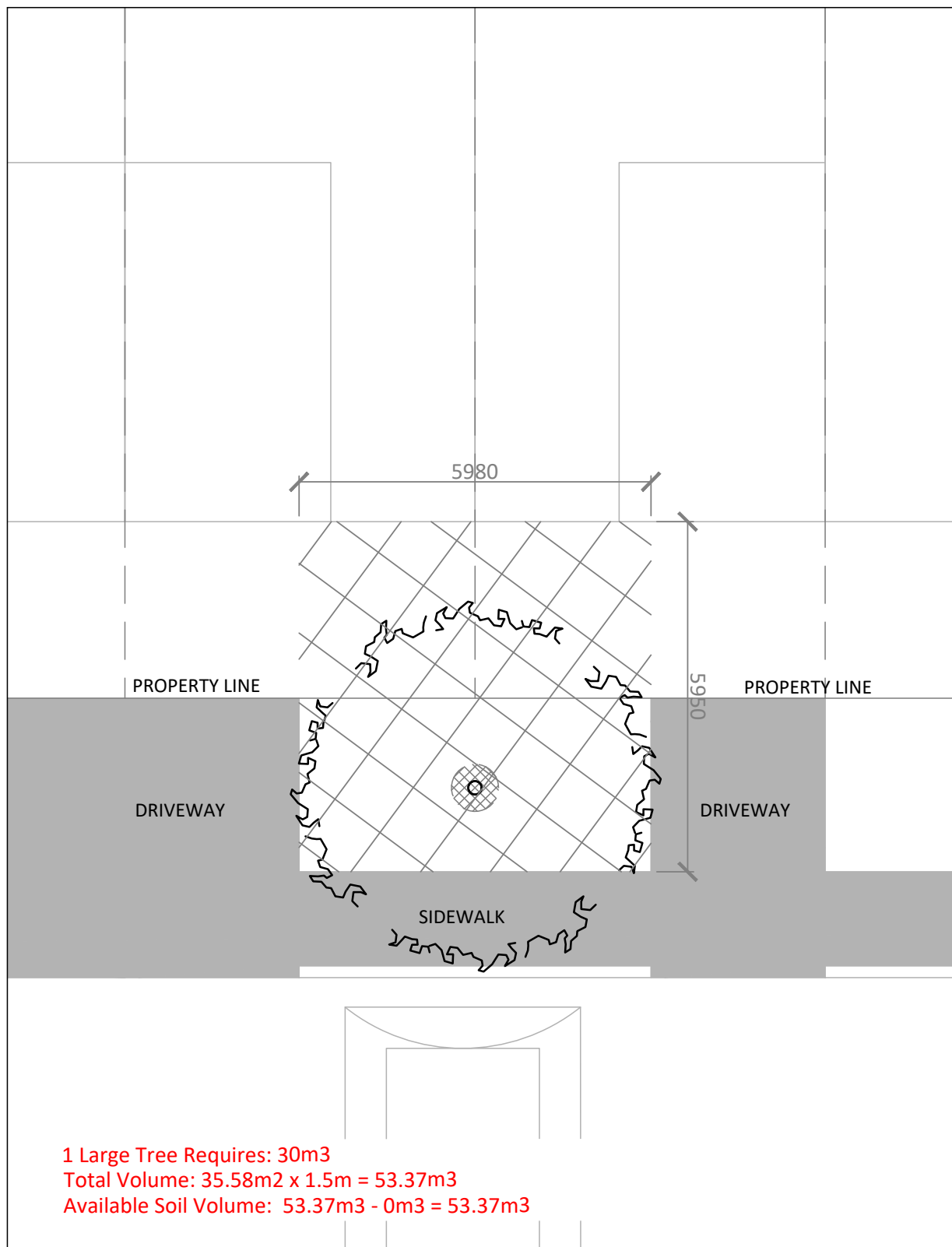
1 DECIDUOUS TREE PLANTING

N.T.S.

2 STANDARD ROW CROSS SECTIONS

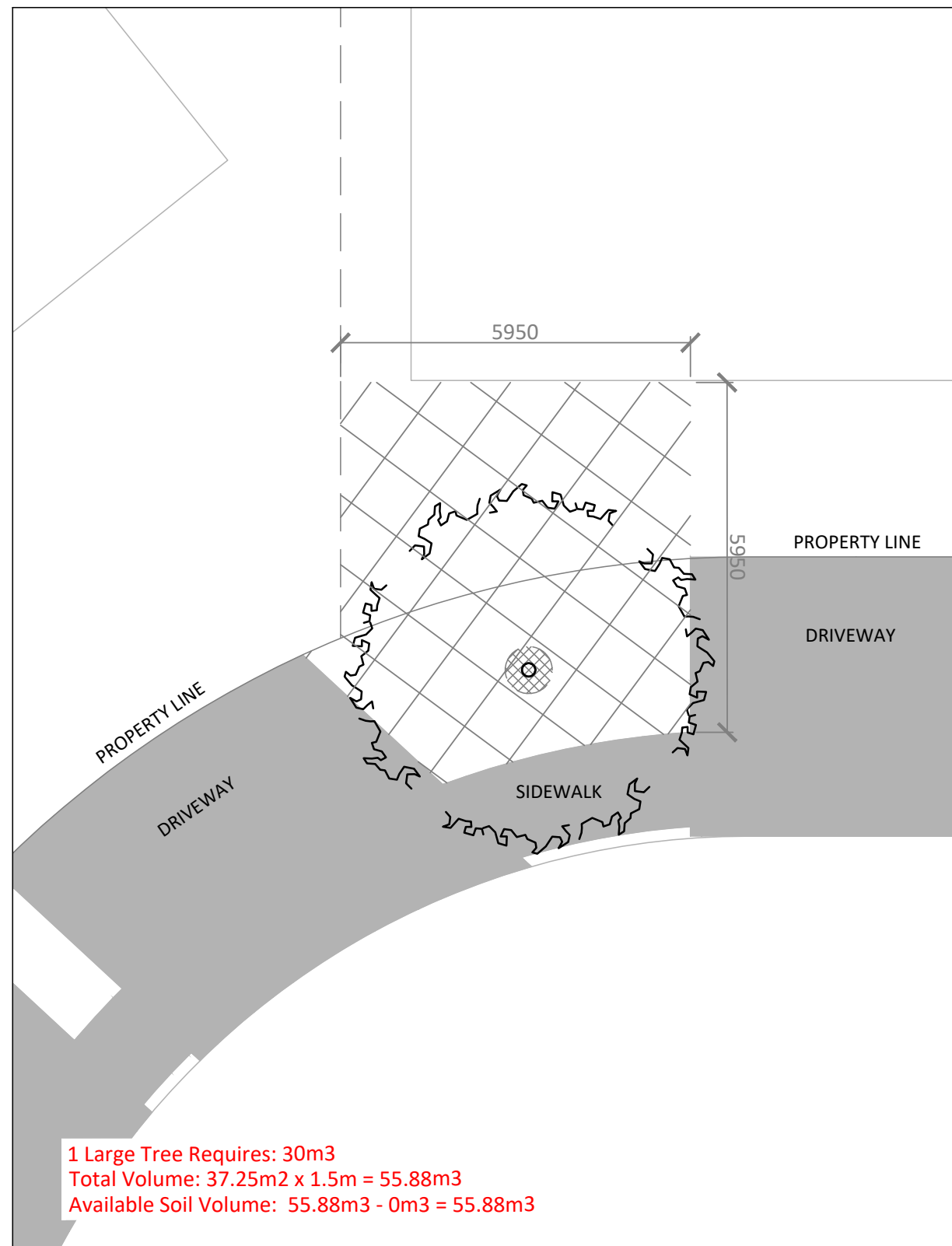
N.T.S.

TREE SOIL VOLUMES		
TREE TYPE/SIZE	SINGLE TREE SOIL VOLUME	MULTIPLE TREE SOIL VOLUME (m3/TREE)
ORNAMENTAL	15	9
COLUMNAR	15	9
SMALL	20	12
MEDIUM	25	15
LARGE	30	18
CONIFER	25	15



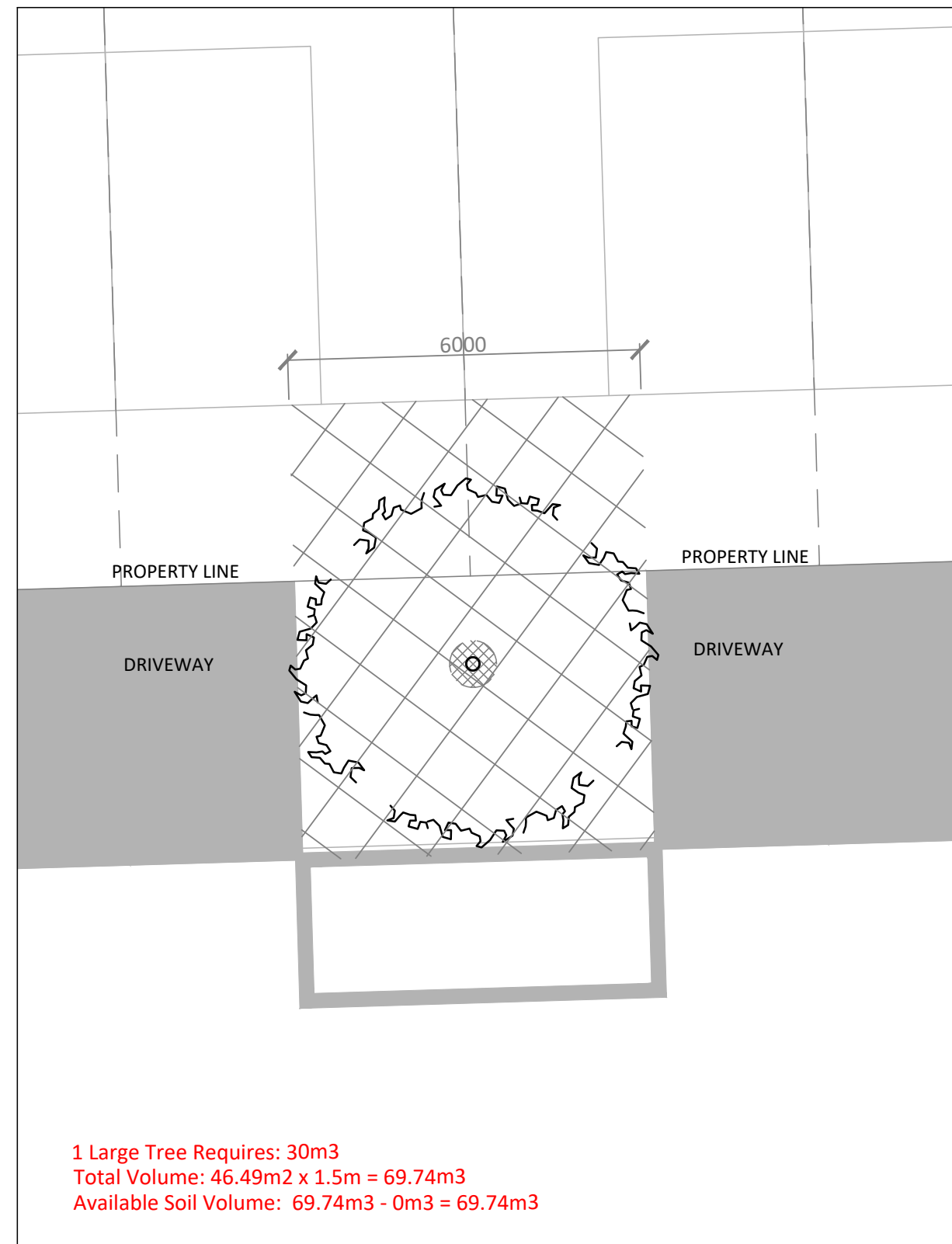
3 SOIL VOLUME CALCULATION (SCALE 1:100)

18M ROW - STREET 1



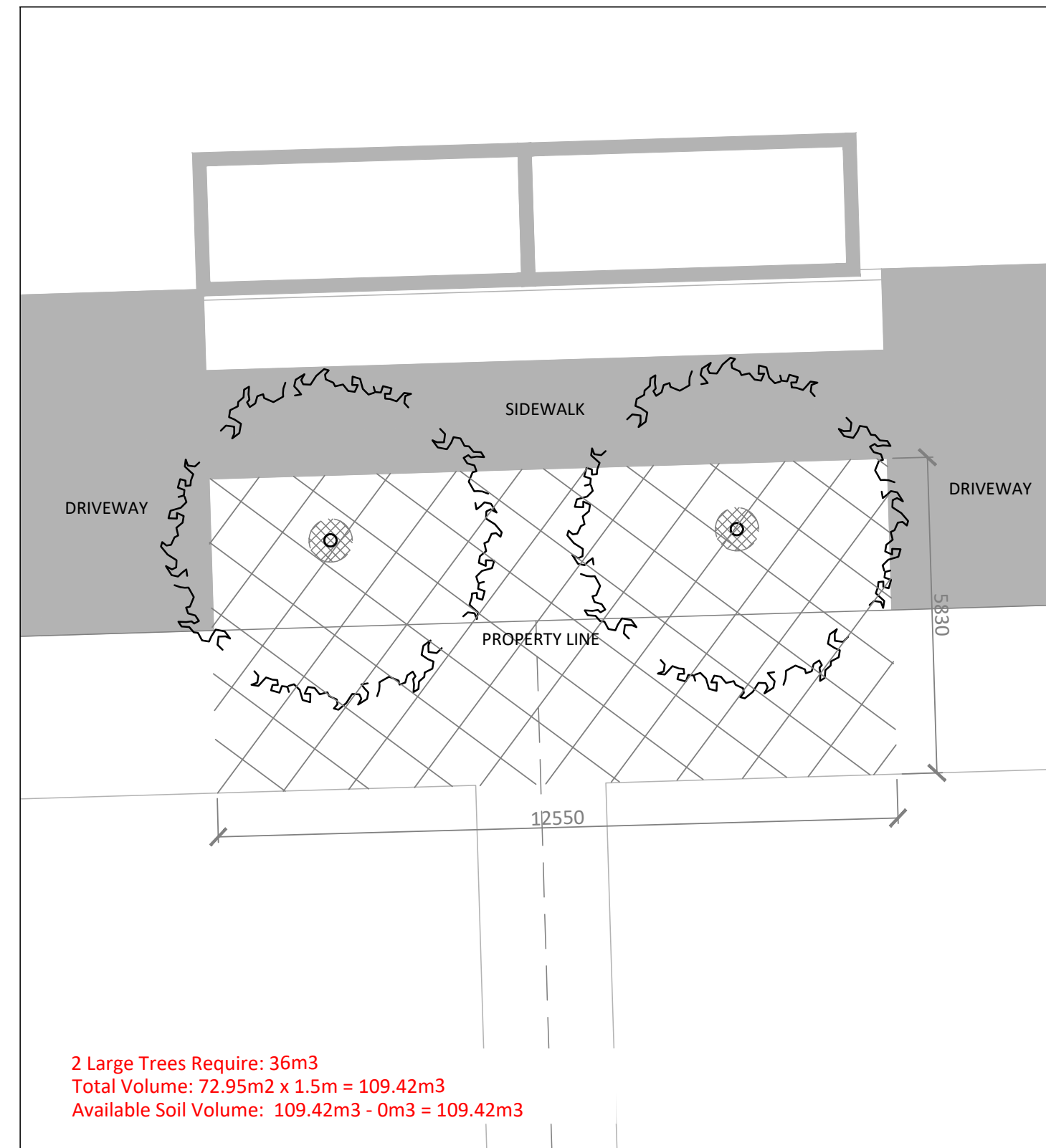
4 SOIL VOLUME CALCULATION (SCALE 1:100)

18M ROW - STREET 1



5 SOIL VOLUME CALCULATION (SCALE 1:100)

18M ROW - STREET 20



6 SOIL VOLUME CALCULATION (SCALE 1:100)

24M ROW - STREET 13

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ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO

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DETAILS

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D1