



# CAVANAGH DEVELOPMENTS NORTHRIDGE STREET TREE CONCEPT PLAN

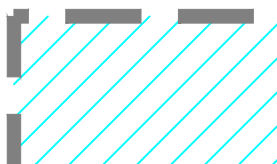
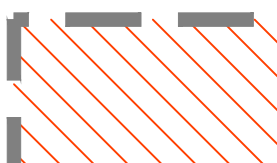
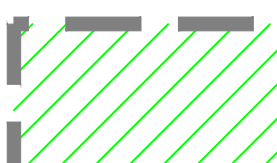


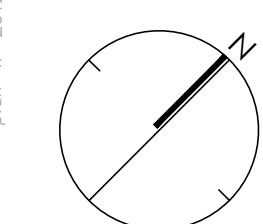
ISSUED FOR STREET TREE CONCEPT  
REVISION#2 -  
FOR CLIENT REVIEW

JULY 13, 2022

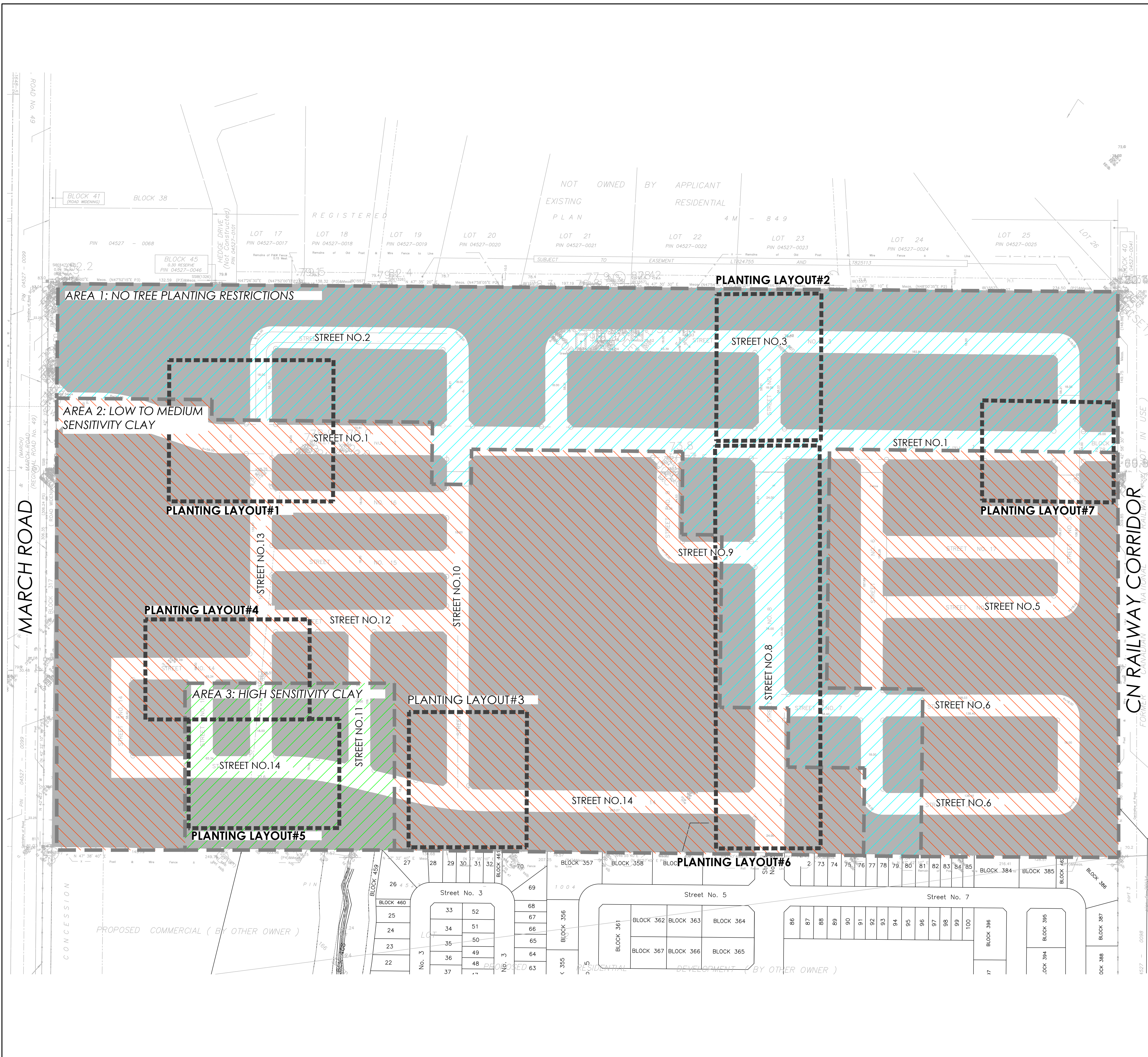
### LIST OF DRAWINGS:

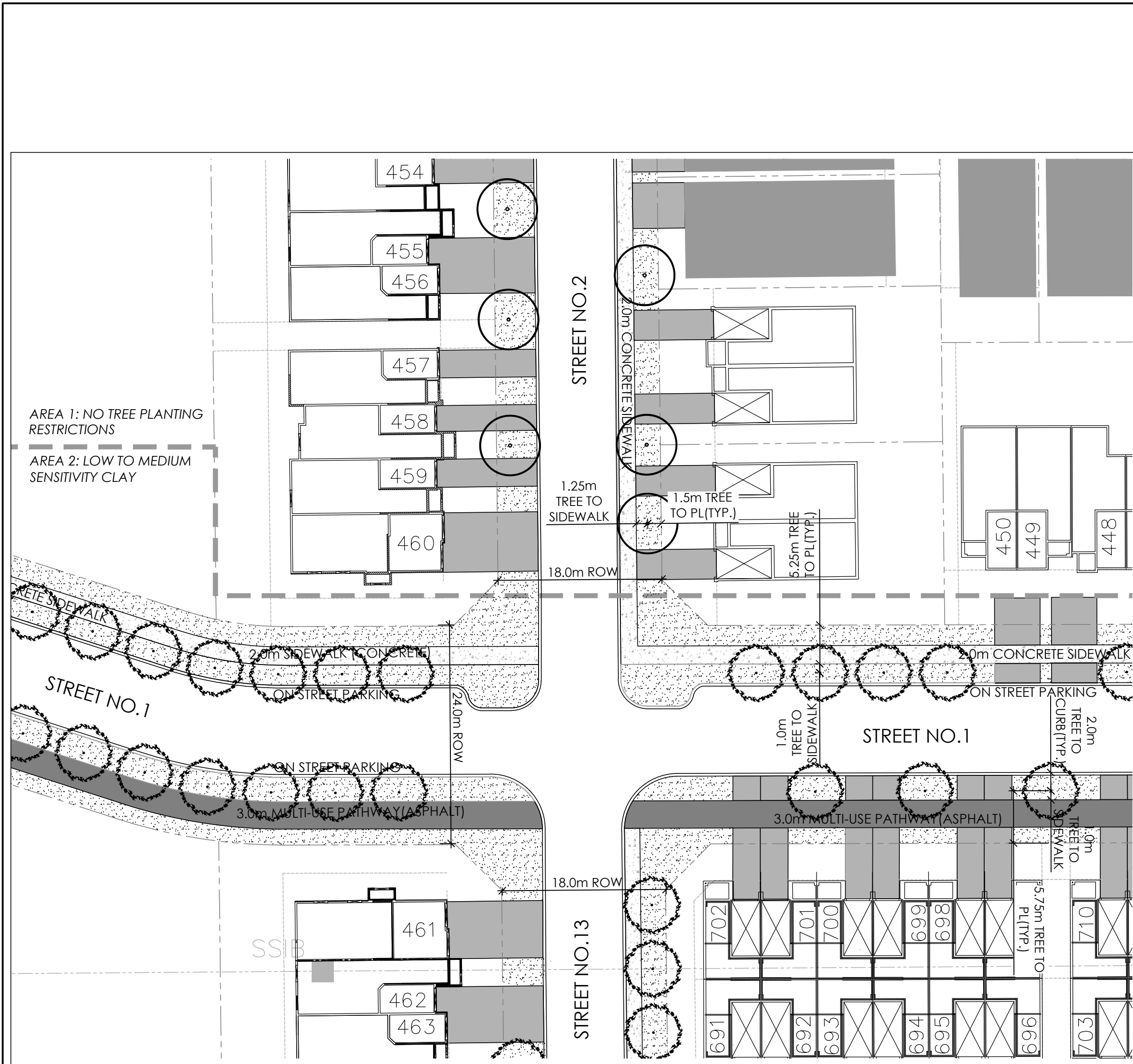
- ST1 - STREET TREE CONCEPT PLAN
- ST2 - STREET TREE CONCEPT PLAN

-  AREA 1: NO TREE PLANTING RESTRICTIONS
-  AREA 2: LOW TO MEDIUM SENSITIVITY CLAY
-  AREA 3: HIGH SENSITIVITY CLAY

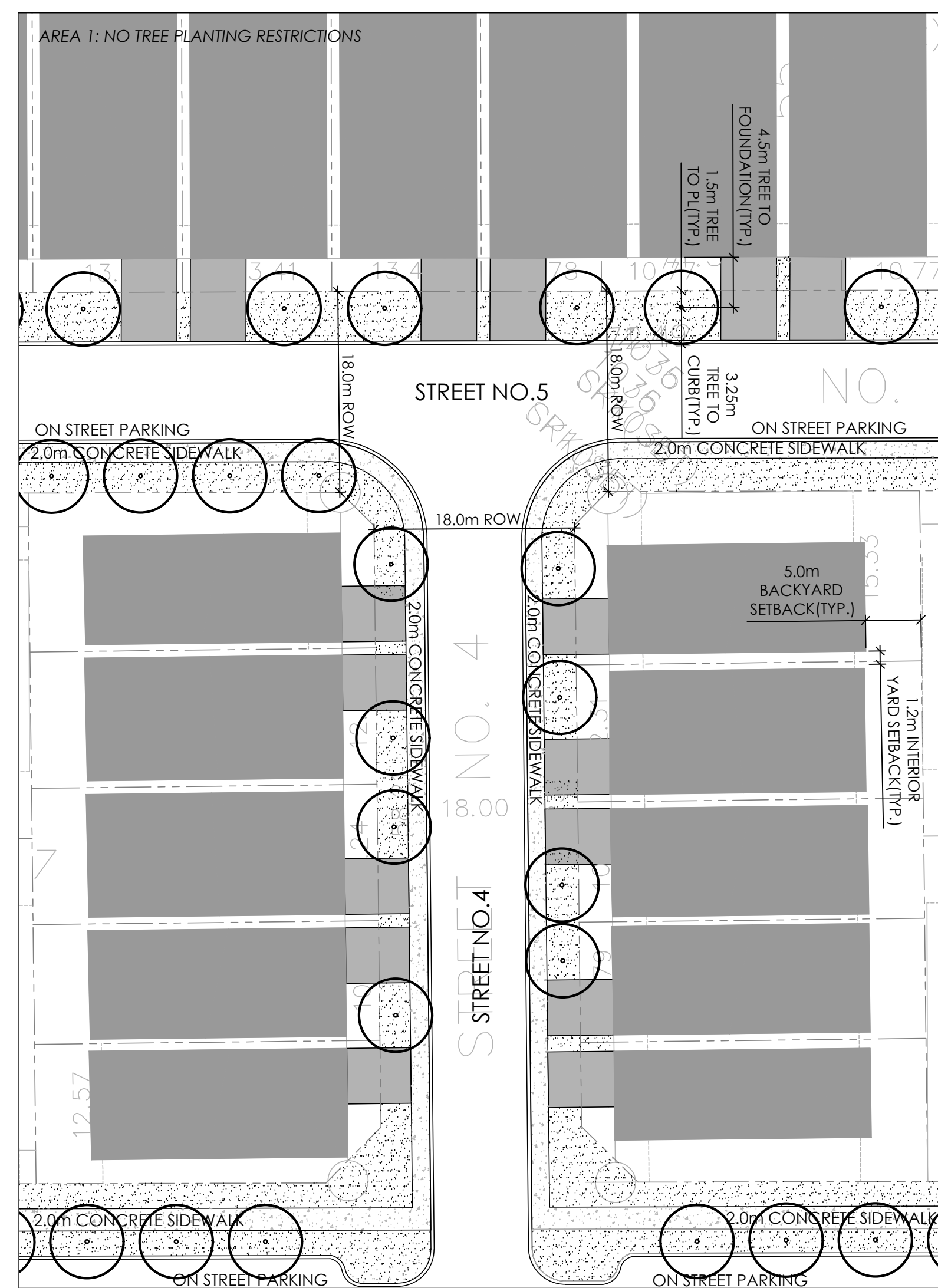


KEYMAP  
1:1500

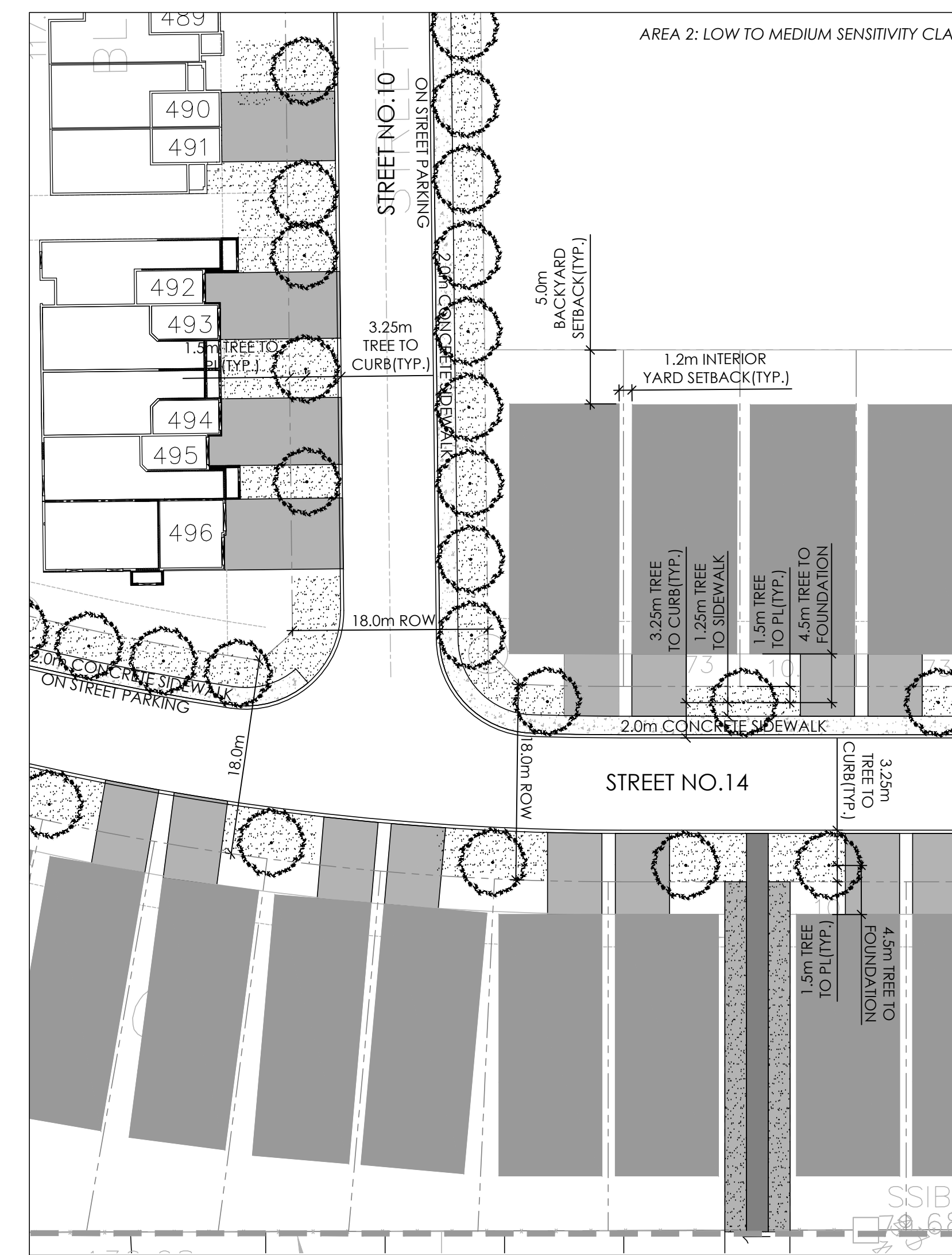




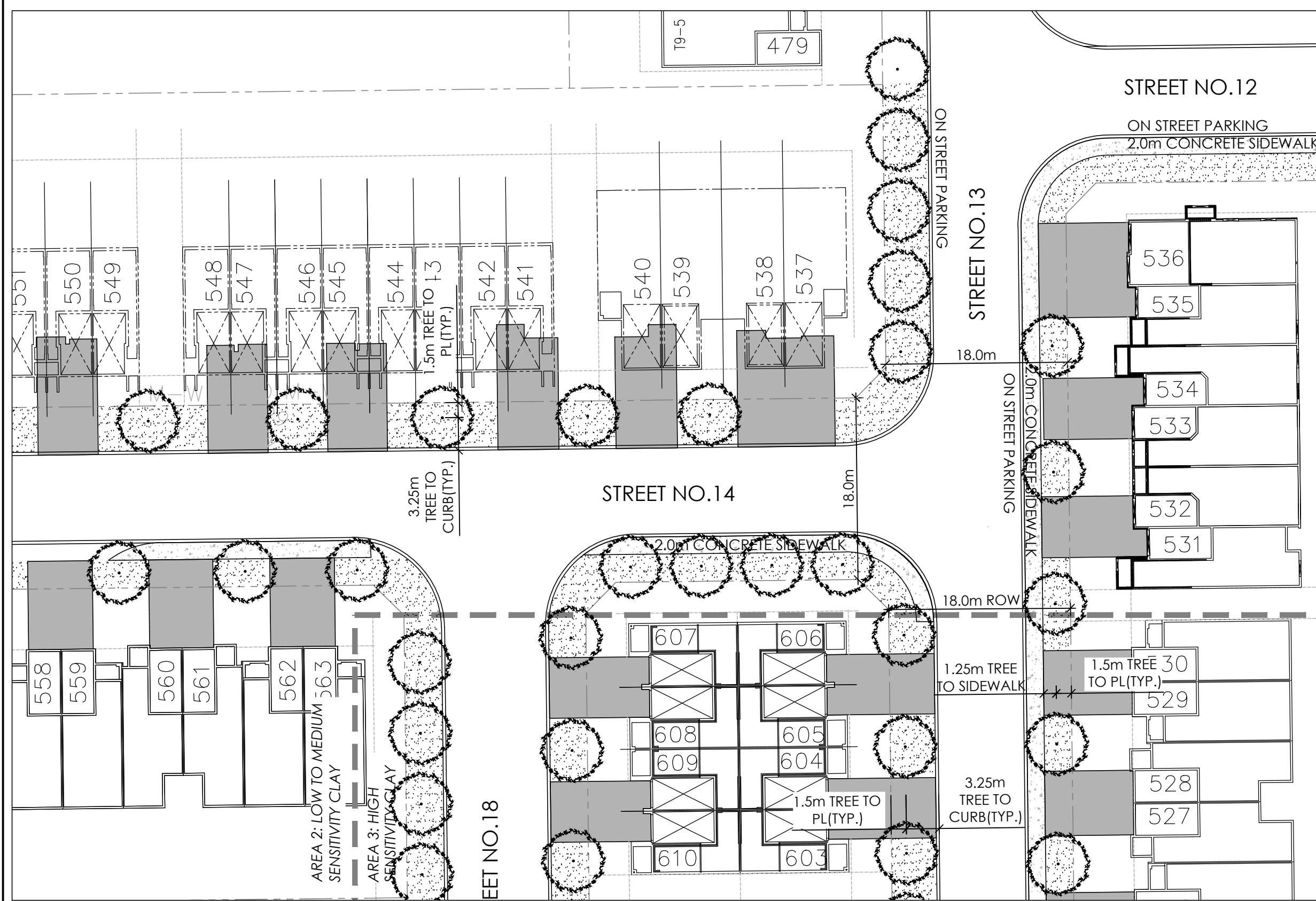
1 STREET TREE PLANTING LAYOUT#1  
1:400



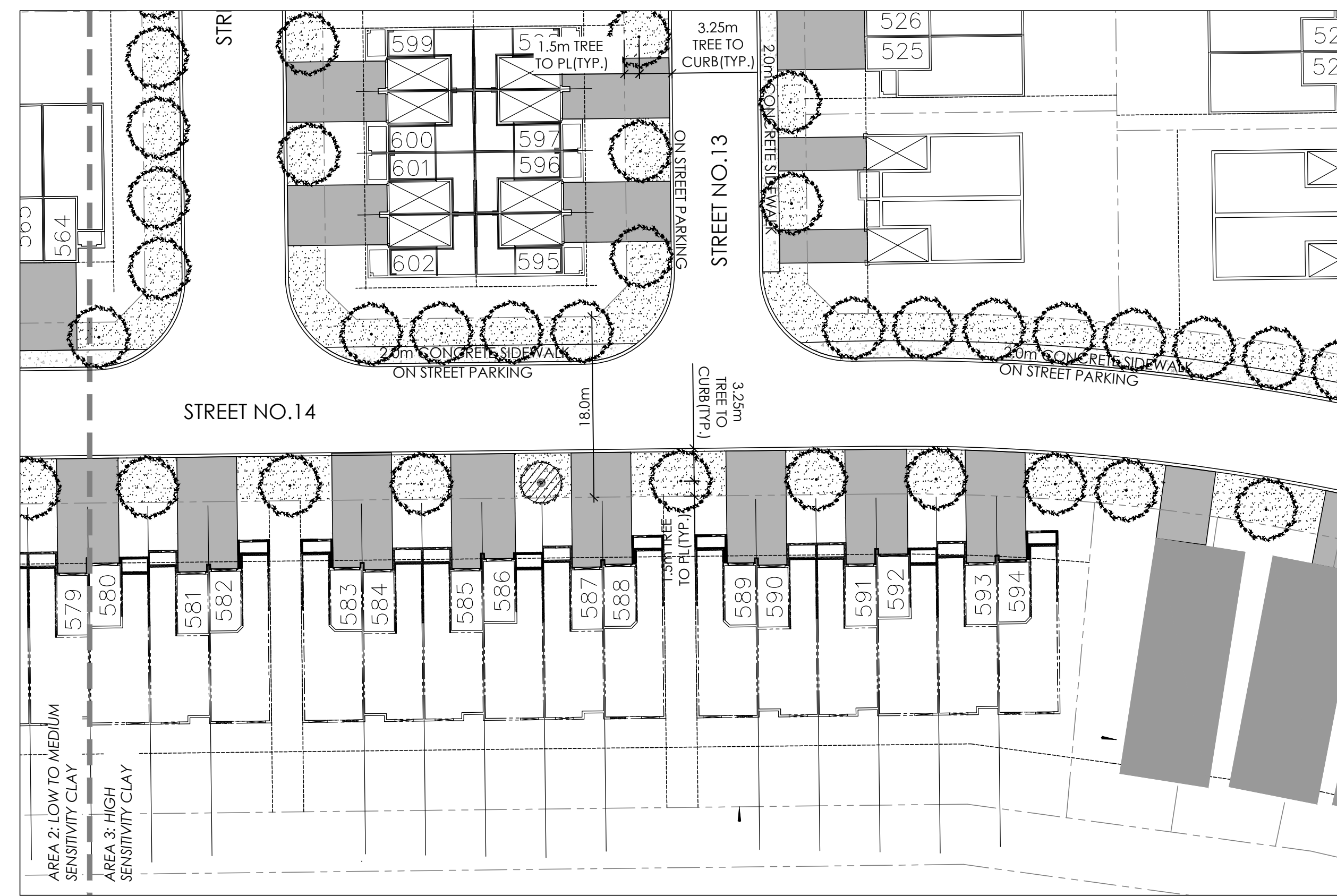
2 STREET TREE PLANTING LAYOUT#2  
1:400



3 STREET TREE PLANTING LAYOUT#3  
1:400

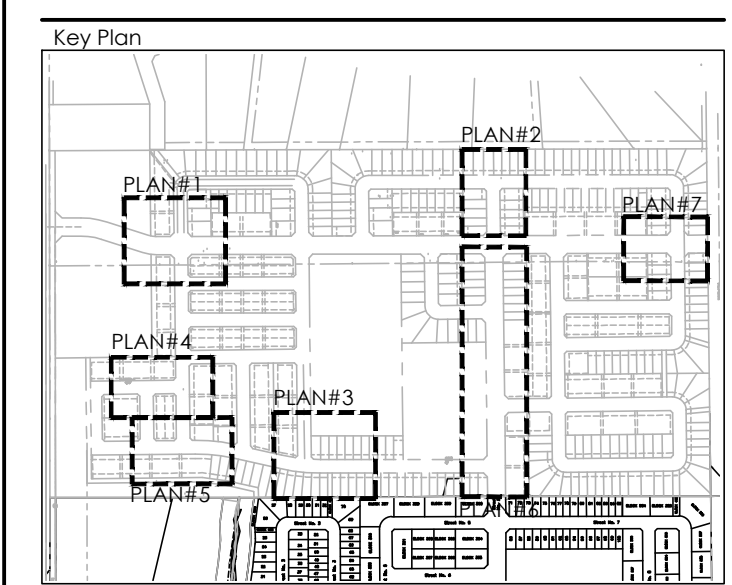


4 STREET TREE PLANTING LAYOUT#4  
1:400



5 STREET TREE PLANTING LAYOUT#5  
1:400

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.



**LEGEND**

PHASE LINE

**PLANTING**

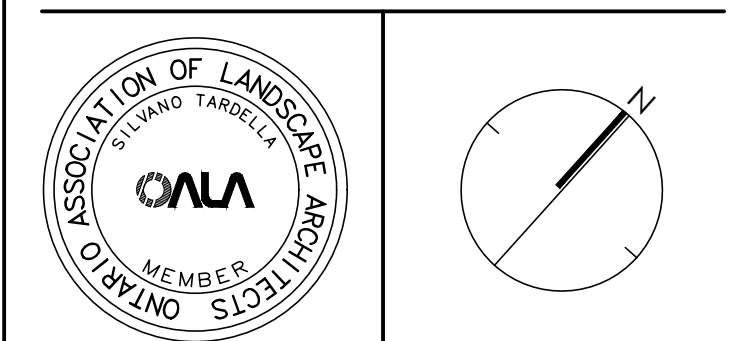
- LARGE DECIDUOUS STREET TREES (MATURE HEIGHT OVER 14M)
- MEDIUM DECIDUOUS STREET TREE (MATURE HEIGHT 7.5M TO 14M)
- CONIFEROUS TREE
- SMALL STREET TREE (<7m) (MATURE HEIGHT UP TO 7.5M)
- MULTI-STEM TREE
- DECIDUOUS SHRUB
- CONIFEROUS SHRUB
- SODDING
- NATURALIZED SEEDING

**SURFACING**

- DRIVEWAY
- ASPHALT PAVING
- CONCRETE PAVING

**STREET TREE CONCEPT NOTES:**

- ESTIMATED TOTAL TREE COUNT = 678 (TO MEET THE MINIMUM 1 TREE PER LOT REQUIREMENT)
- TREES THAT CANNOT BE ACCOMMODATED ON INDIVIDUAL LOTS DUE TO SOIL VOLUME RESTRICTIONS OR UTILITY CONFLICTS WILL BE LOCATED ALONG BOULEVARDS, PARK, INSTITUTIONAL, COMMERCIAL, AND WALKWAY BLOCKS WHERE SPACE ALLOWS IN ORDER TO MEET MINIMUM PLANTING REQUIREMENTS.
- TREE LOCATIONS ARE APPROXIMATE AND SUBJECT TO CHANGE DURING DETAILED DESIGN DEVELOPMENT AND THROUGH COMPOSITE UTILITY PLAN COORDINATION.
- SIDEWALK, MULTI-USE PATH, AND ON-STREET PARKING LOCATIONS ARE SUBJECT TO CHANGE DURING DETAILED DESIGN.
- TREES IN 'AREA 2: LOW TO MEDIUM SENSITIVITY CLAY AREA' ARE PLANTED ONLY IN AREAS WHERE A MINIMUM 30M3 OF SOIL VOLUME CAN BE ACHIEVED.
- TREES IN 'AREA 3: HIGH SENSITIVITY CLAY AREA' ARE PLANTED ONLY IN AREAS WHERE A MINIMUM 30M2 FOR MEDIUM SIZE TREES AND 25M3 FOR SMALL SIZE TREES CAN BE ACHIEVED.
- LARGE TREES ARE ONLY PLANTED IN 'AREA 1: NO TREE PLANTING RESTRICTIONS', OR IN 'AREA 2' AND 'AREA 3' WHERE THE SETBACK TO FOUNDATION IS GREATER THAN THE MATURE HEIGHT OF THE TREE (IE. ALONG PARKS OR OPEN SPACES).



**NAK**  
design strategies

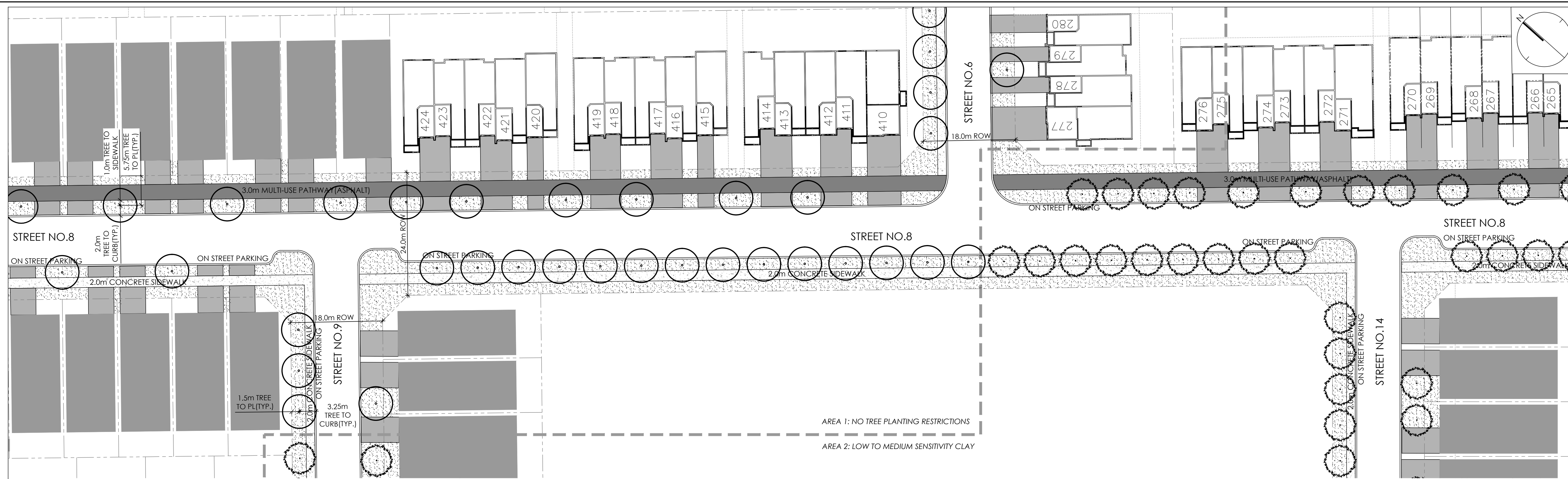
1285 WELLINGTON STREET WEST, OTTAWA, ON K1Y 3A8 CANADA  
T 613.237.2345 F 613.287.6223 NAKDESIGNSTRATEGIES.COM

CAVANAGH DEVELOPMENTS  
NORTHRIDGE

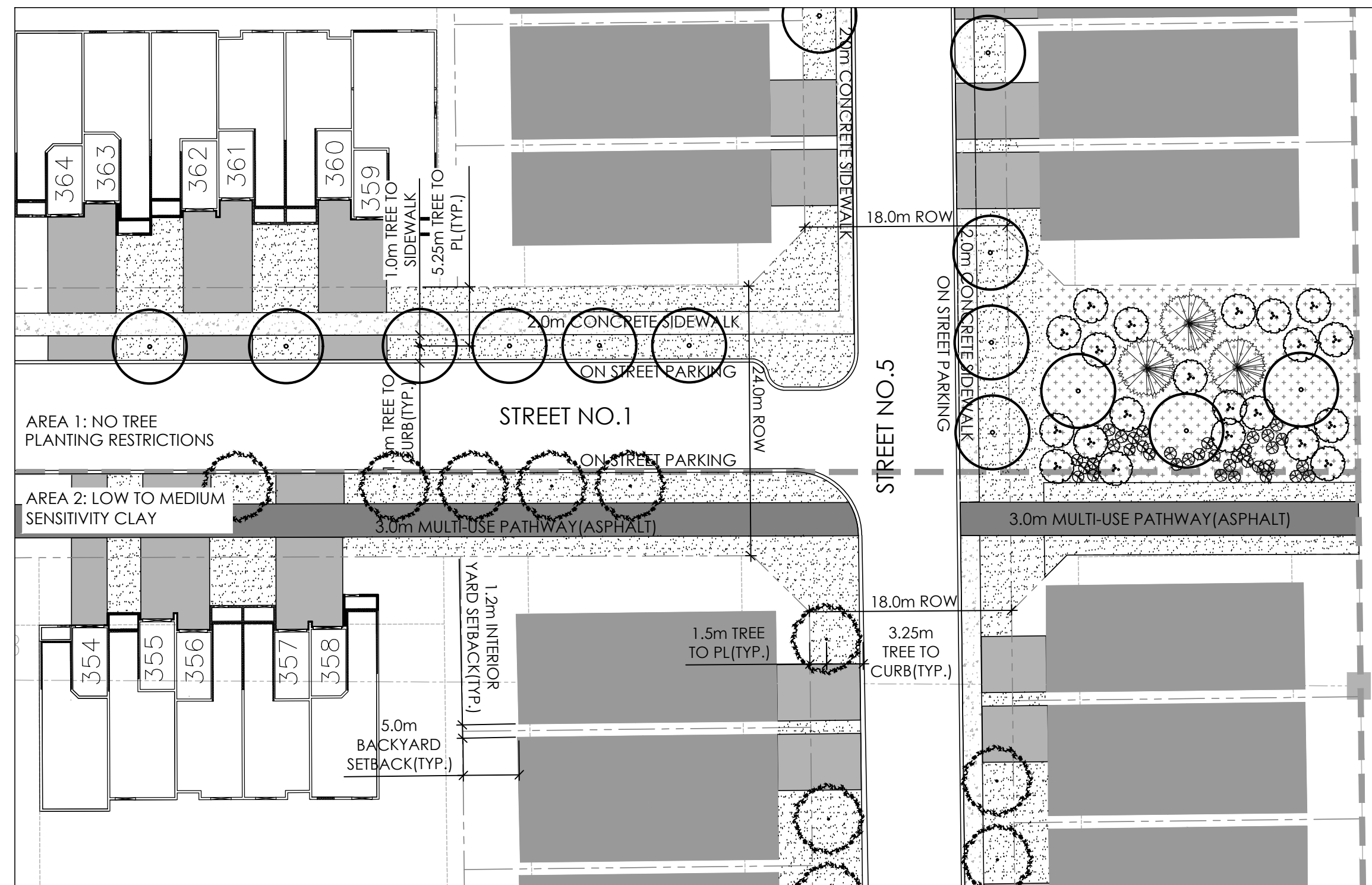
Title  
STREET TREE CONCEPT PLAN

Date: May 2022  
Scale: 1:400  
Drawn: TY  
Checked: MK  
Job No.: 22-076

Sheet  
ST1



6 STREET TREE PLANTING LAYOUT#6  
1:400



7 STREET TREE PLANTING LAYOUT#7  
1:400

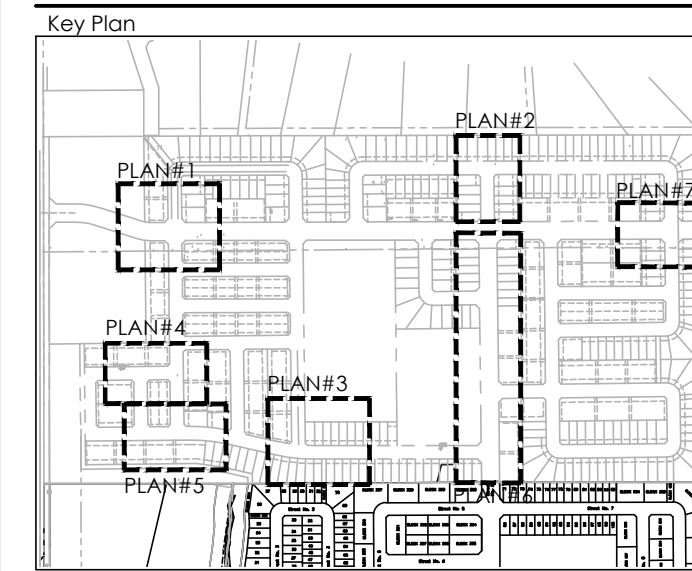
**PLANT LIST A - STREET TREES**

KEY	QTY.	BOTANICAL NAME	COMMON NAME	CAL/HT. (mm)	ROOT
<b>SMALL DECIDUOUS STREET TREES (6-8m)</b>					
AC	00	AMELANCHIER CANADENSIS	SERVICEBERRY	70	B&B
AG	00	ACER GINNALA	AMUR MAPLE	70	B&B
CR	00	CRATAEGUS CRUSGALI 'INERMIS'	THORNLESS HAWTHORN	70	B&B
MS	00	MALUS 'SNOWDRIFT'	SNOWDRIFT CRAB APPLE	70	B&B
<b>COLUMNAR DECIDUOUS TREES (8-15m)</b>					
AS	00	ACER SACCHARUM 'ENDOWMENT'	ENDOWMENT SUGAR MAPLE	70	B&B
AR	00	ACER X FREEMANII 'ARMSTRONG'	ARMSTRONG MAPLE	70	B&B
AM	00	AMELANCHIER X GRANDIFLORA 'CUMULUS'	CUMULUS SERVICEBERRY	70	B&B
GP	00	GINGKO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINGKO	70	B&B
PA	00	PYRUS CALLERYANA 'CAPITAL'	CAPITAL PEAR	70	B&B
QF	00	QUERCUS ROBUR 'FASTIGIATA'	PYRAMIDAL ENGLISH OAK	70	B&B
TB	00	TILIA AMERICANA 'BOULEVARD'	BOULEVARD LINDEN	70	B&B
<b>MEDIUM DECIDUOUS TREES (10-15m)</b>					
CO	00	CELTIS OCCIDENTALIS	HACKBERRY	70	B&B
MA	00	MAACKIA AMURENSIS	AMUR MAACKIA	70	B&B
PC	00	PYRUS CALLERYANA	ORNAMENTAL PEAR	70	B&B
SH	00	SORBUS X HYBRIDA	MOUNTAIN-ASH	70	B&B
SR	00	SYRINGA RETICULATA	JAPANESE LILAC	70	B&B
TM	00	TILIA MONGOLICA	MONGOLIAN LINDEN	70	B&B
<b>LARGE DECIDUOUS STREET TREES (15-30m)</b>					
AF	00	ACER X FREEMANII	FREEMAN MAPLE	70	B&B
CC	00	CARYA CORDIFORMIS	BITTERNUT HICKORY	70	B&B
GB	00	GINGKO BILOBA	GINGKO	70	B&B
GS	00	GLEDITSIA TRIACANTHOS VAR. INERMIS	HONEYLOCUST	70	B&B
GD	00	GYMNOCLADUS DIOICUS	KENTUCKY COFFEE TREE	70	B&B
QM	00	QUERCUS MACROCARPA	BUR OAK	70	B&B
QP	00	QUERCUS PALUSTRIS	PIN OAK	70	B&B
QR	00	QUERCUS RUBRA	RED OAK	70	B&B
UL	00	TILIA TOMENTOSA	STERLING SILVER LINDEN	70	B&B
UL	00	ULMUS JAPONICA X WILSONIANA 'MORTON'	ACCOLADE ELM	70	B&B
UP	00	ULMUS PARVIFOLIA	LACEBARK ELM	70	B&B
<b>CONIFEROUS STREET TREES</b>					
PO	00	PICEA OMORIKA	SERBIAN SPRUCE	200cm	B&B
PP	00	PICEA PUNGENS	COLORADO SPRUCE	200cm	B&B
PN	00	PINUS NIGRA	AUSTRIAN PINE	200cm	B&B

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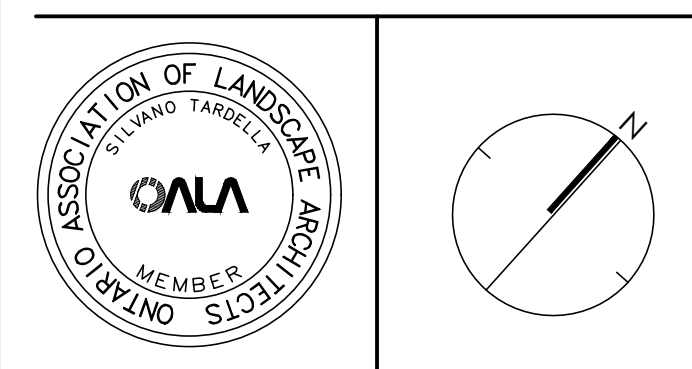
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No.	Description	Date
3	STREET TREE CONCEPT-REV#2-FOR CLIENT REVIEW	22-07-13
2	STREET TREE CONCEPT-REV#1-FOR CLIENT REVIEW	22-06-21
1	STREET TREE CONCEPT - FOR CLIENT REVIEW	22-06-01
Revision		
City Approval Stamp		



**NAK**  
design strategies

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Project  
**CAVANAGH DEVELOPMENTS  
NORTHRIDGE**

Title  
**STREETScape PLAN**

Date: May 2022  
Scale: 1:400  
Drawn: Ty  
Checked: MK  
Job No.: 22-076

Sheet  
**ST2**