

KEY PLAN

STREET TREE REQUIREMENT:
 1 TREE PER INTERIOR (NON-CORNER) LOTS
 2 TREES PER EXTERIOR (CORNER) LOTS
 2 TREES PER 3-4 MULTIPLE-UNITS TOWNHOUSE
 3 TREES PER 5-6 MULTIPLE-UNITS TOWNHOUSE
 5 TREES PER 8-10 MULTIPLE-UNITS TOWNHOUSE
 7 TREES PER 12-14 MULTIPLE-UNITS TOWNHOUSE

TREES PER EXTERIOR (CORNER) LOTS (15): 20 TREES
 3-4 MULTIPLE-UNITS TOWNHOUSE (12): 22 TREES
 5-6 MULTIPLE-UNITS TOWNHOUSE (15): 45 TREES
 8-10 MULTIPLE-UNITS TOWNHOUSE(5): 25 TREES
 12 MULTIPLE-UNITS TOWNHOUSE (1): 21 TREES

TOTAL NUMBER OF TREES REQUIRED: 133
NUMBER OF STREET TREES SHOWN ON PLAN: 133
NUMBER OF TREES IN REAR YARDS: 0
TOTAL NUMBER OF TREES ON PLAN: 133

LEGEND

- TREE SETBACKS REQUIREMENTS
- PLANTING**
- LARGE DECIDUOUS STREET TREES (MATURE HEIGHT OVER 14M)
- MEDIUM DECIDUOUS STREET TREE (MATURE HEIGHT 7.5M TO 14M)
- EXISTING TREE
- SURFACING**
- DRIVEWAY
- CONCRETE SIDEWALK

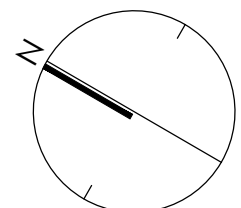
PLANT LIST - STREET TREES

KEY	BOTANICAL NAME	COMMON NAME	CAL./HT.	NOTES
MEDIUM DECIDUOUS STREET TREES (7.5-15m)				
CS	CATALPA SPECIOSA	WESTERN CATALPA	60	B&B/WB
GB	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	60	B&B/WB
TC	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN	60	B&B/WB
UP	ULMUS 'PATRIOT'	PATRIOT ELM	60	B&B/WB
LARGE DECIDUOUS STREET TREES (>15m)				
AS	ACER SACCHARUM	SUGAR MAPLE	60	B&B/WB
CO	CELTIS OCCIDENTALIS	HACKBERRY	60	B&B/WB
QM	QUERCUS MACROCARPA	BURR OAK	60	B&B/WB
QR	QUERCUS RUBRA	RED OAK	60	B&B/WB
OV	Ostrya virginiana	IRONWOOD	60	B&B/WB

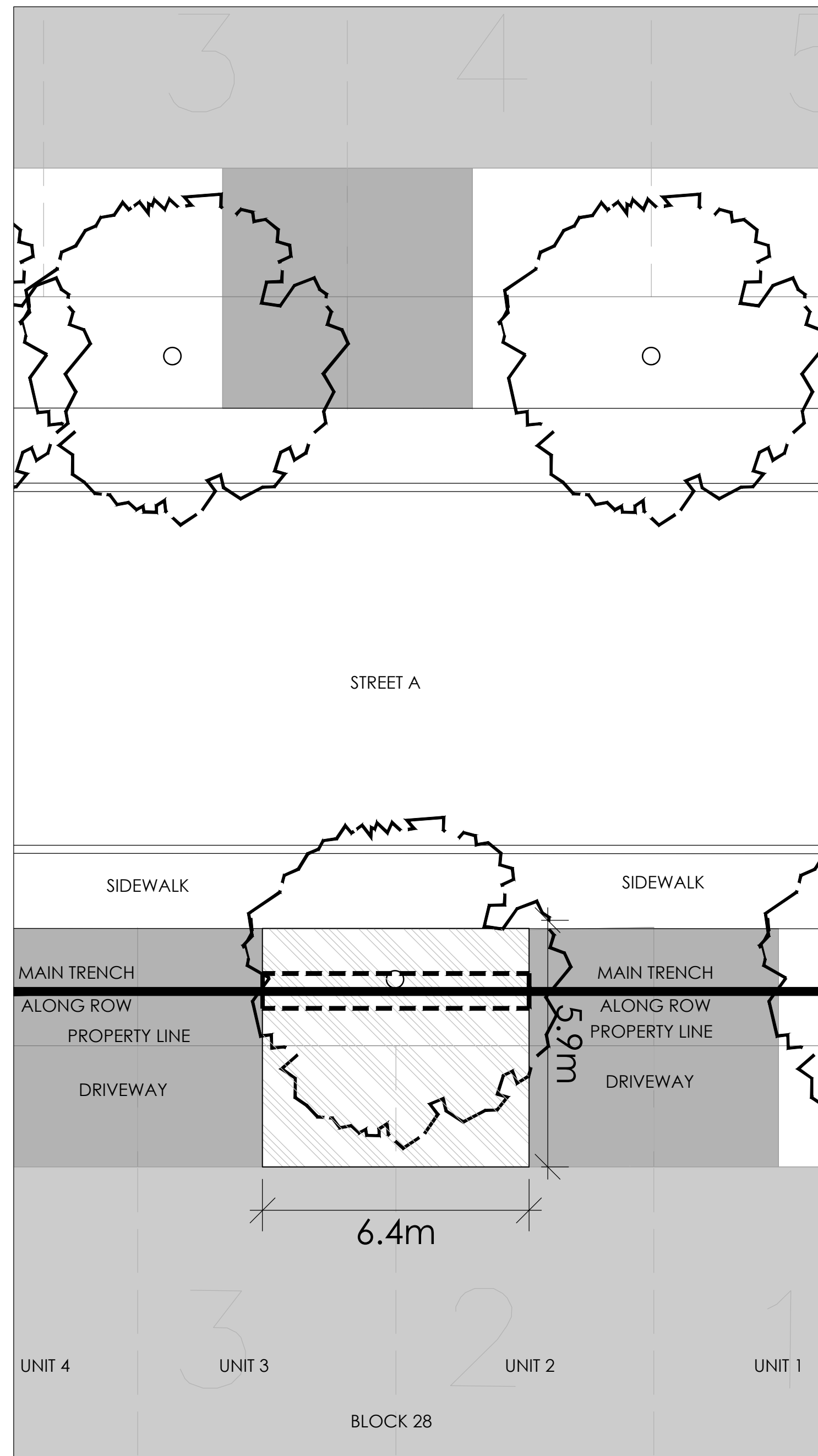
* PRELIMINARY - SUBJECT TO CHANGE DURING DETAILED DESIGN AND SITE PLAN CONTROL APPLICATIONS

ORLEANS VILLAGE PHASE 4 STREETSCAPE CONCEPT

Date DEC 14, 2022
 Scale 1:500
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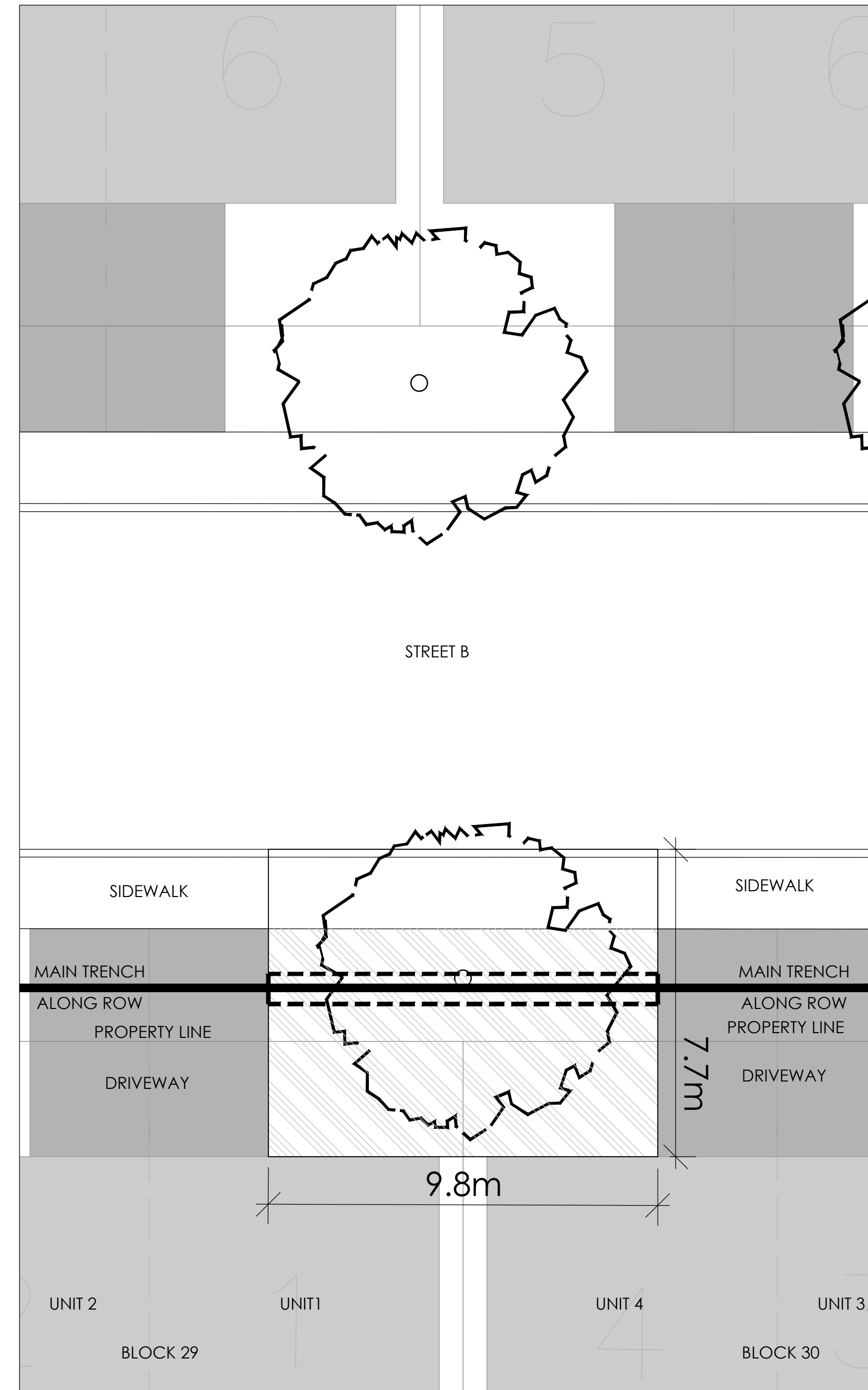


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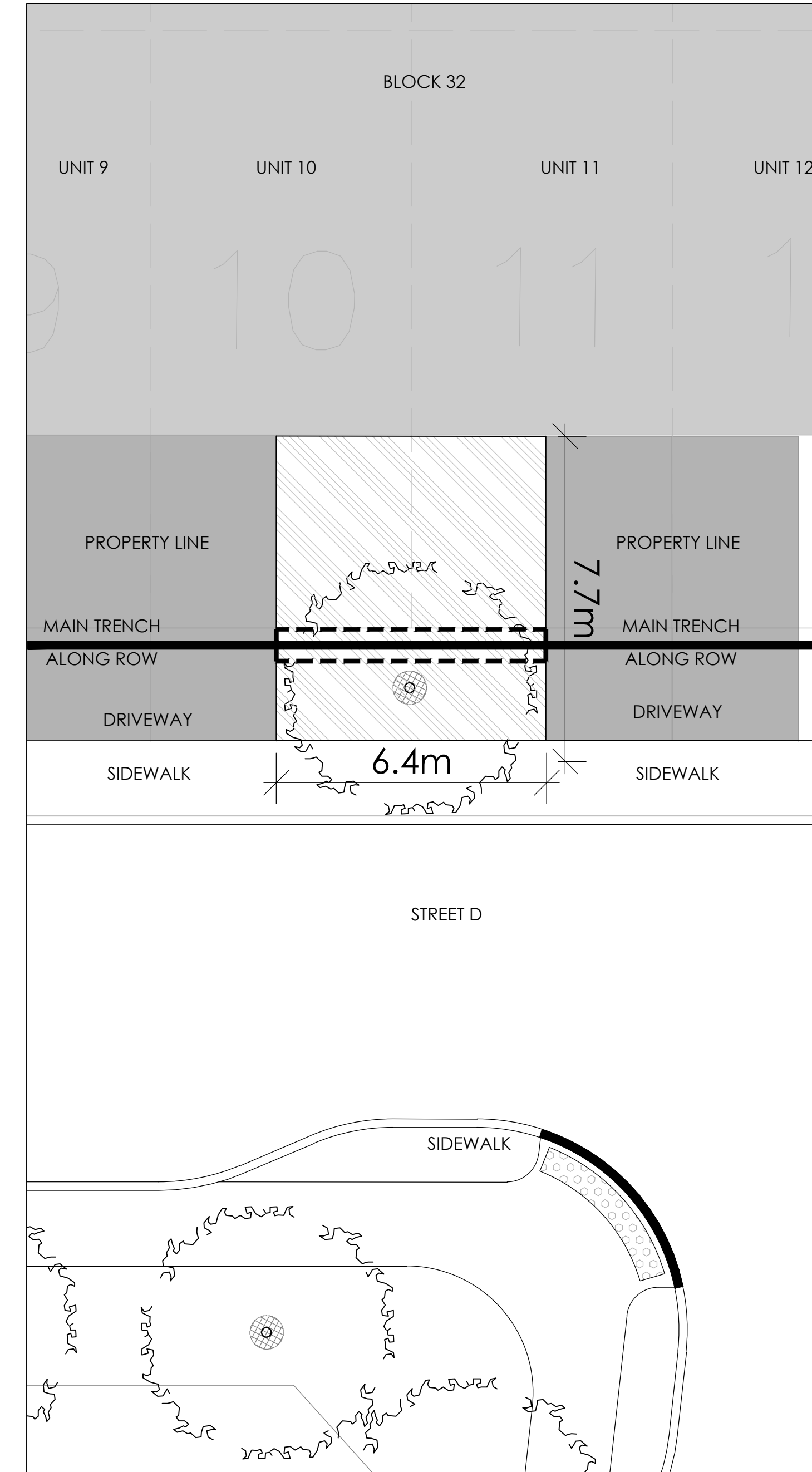
1 Large tree requires: 30m³
 Total volume: 36.66m² (area) x 1.5m (depth) = 54.99m³
 Main Trench Along ROW: 7.7m² x 1.5m(depth) = 11.55m³
 Available soil volume: 54.99m³ - 11.55m³ = 43.44m³

1 CORBONE CRESCENT - BLOCK 28 - UNIT 2&3 18m ROW WITH SIDEWALK
 1:100



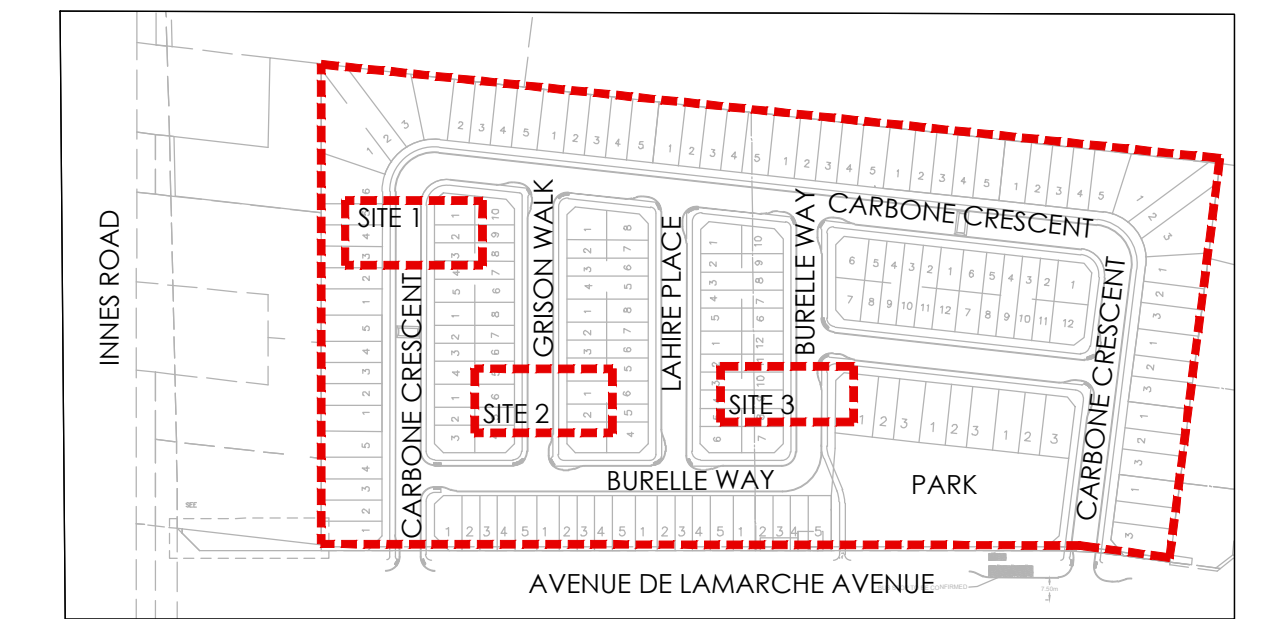
1 Large tree requires: 30m³
 Total volume: 56.24m² (area) x 1.5m (depth) = 84.36m³
 Main Trench Along ROW: 11.8m² x 1.5m(depth) = 17.7m³
 Available soil volume: 84.36m³ - 17.7m³ = 66.66m³

2 GRISON WALK - BLOCK 29 & 30 18m ROW WITHOUT SIDEWALK
 1:100



1 Medium tree requires: 30m³
 Total volume: 46.28m² (area) x 1.5m (depth) = 69.42m³
 Main Trench Along ROW: 7.7m² x 1.5m(depth) = 11.55m³
 Available soil: 69.42m³ - 11.55m³ = 57.87m³

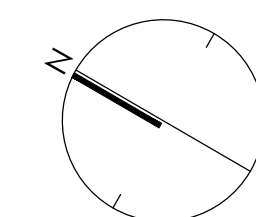
3 BURELLE WAY - BLOCK 32 - UNIT 10 & 11 18.0m ROW WITHOUT SIDEWALK
 1:100



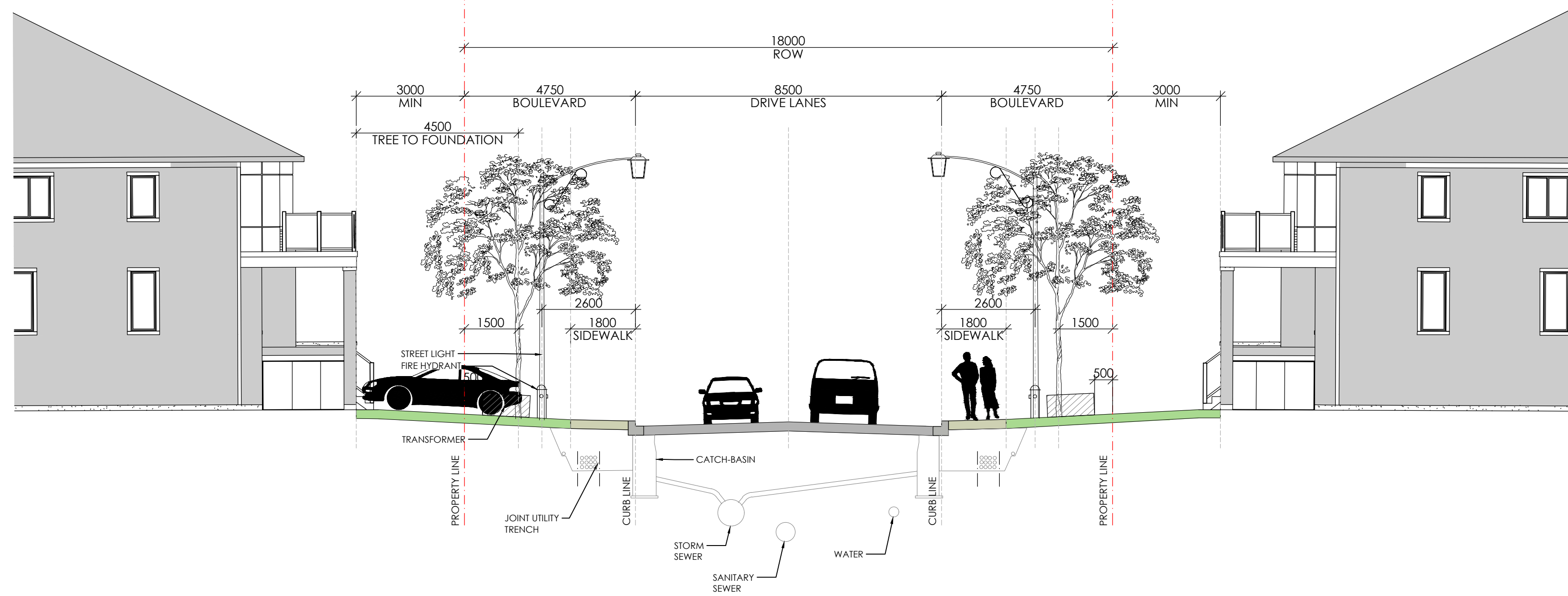
KEY PLAN

ORLEANS VILLAGE PHASE 4 SOIL VOLUME STUDY

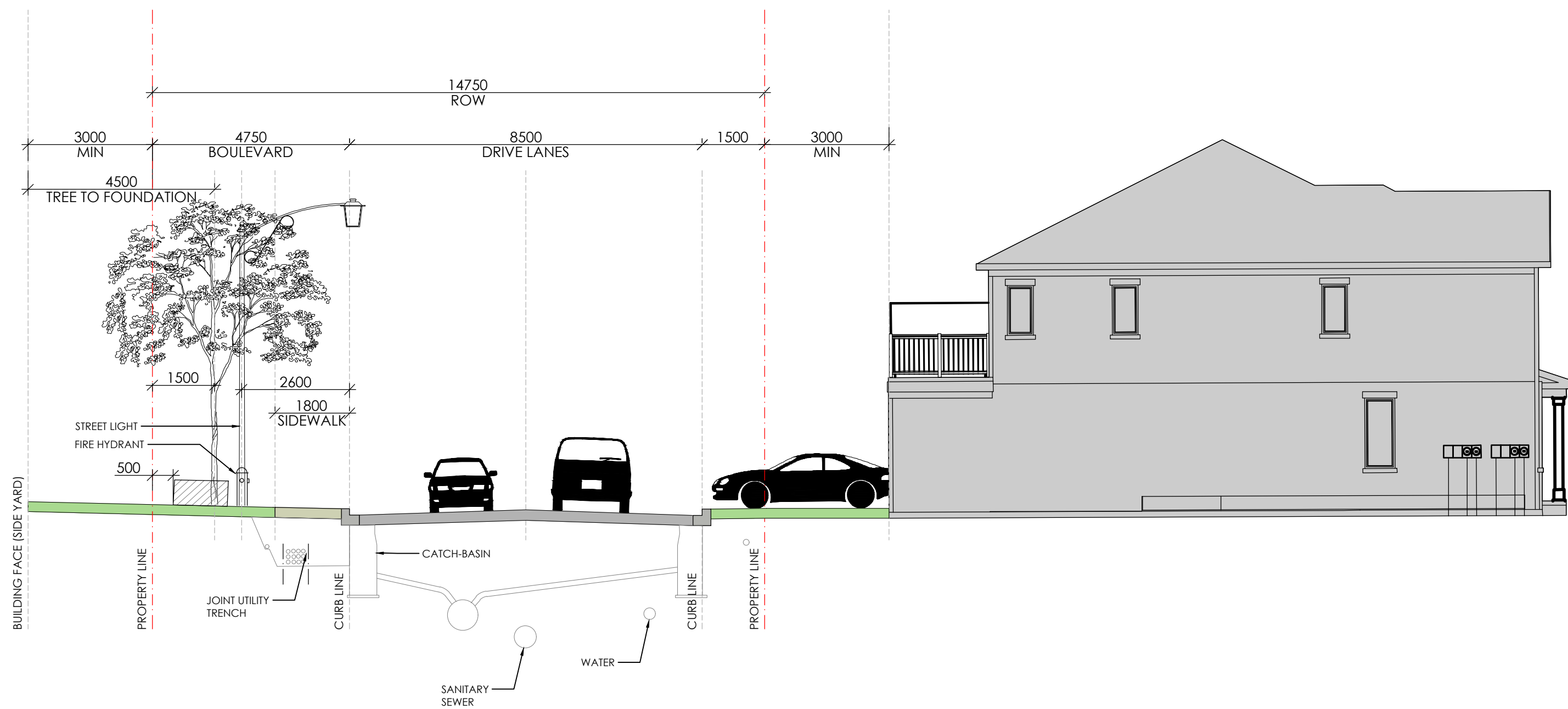
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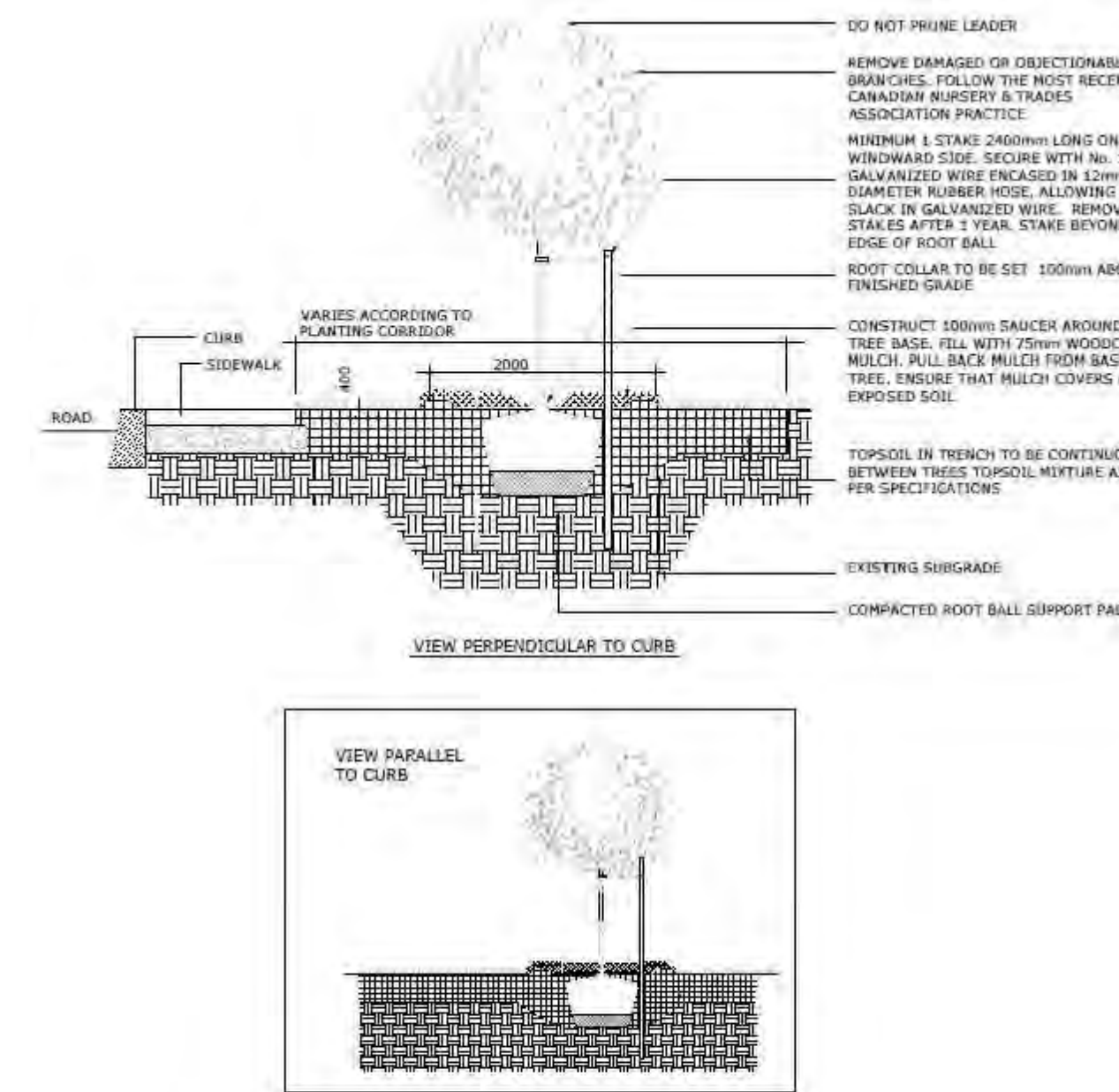
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1 STREET CARBONE, GRISON, LAHIRE PLACE, BURELLE WAY, CHATEAUROUX WAY - 18m ROW CROSS SECTION (BACK-TO-BACK TOWNHOMES)
1:100



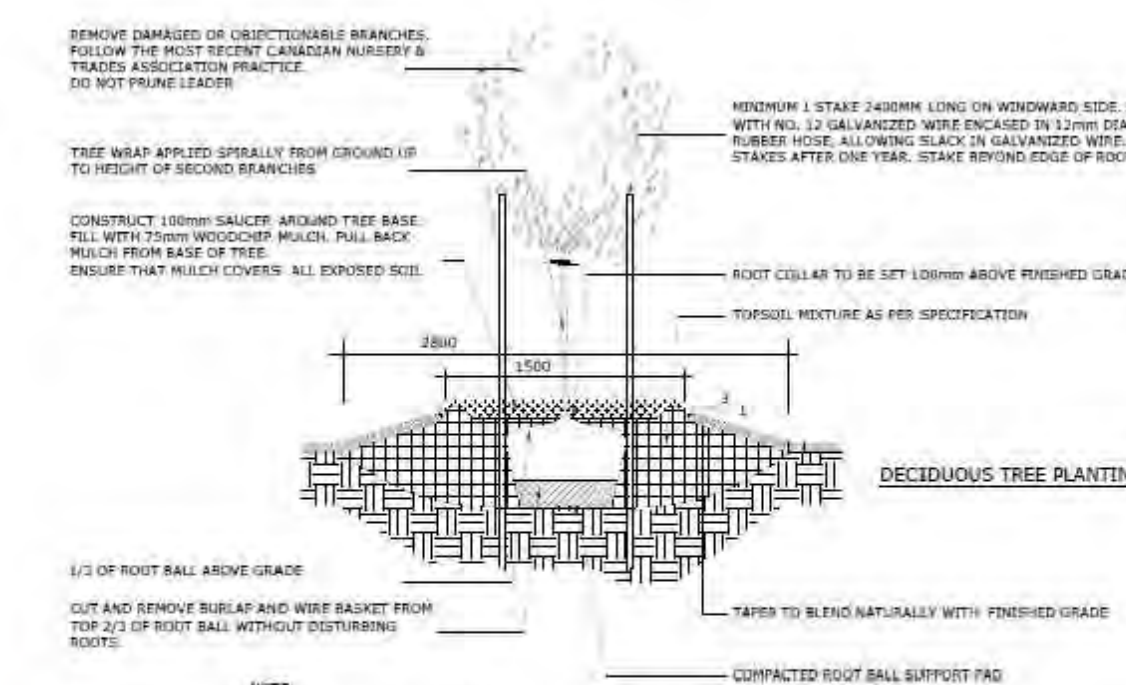
2 BURELLE WAY - 14.75m ROW CROSS SECTION (REAR-LANE TOWNHOMES)
1:100



- NOTES:
1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
 2. CUT AND REMOVE BURLAP AND WIRE BASKET FROM TOP 2/3 OF ROOT BALL WITHOUT DISTURBING ROOTS
 3. LOCATION AS SPECIFIED ON THE CONTRACT DRAWINGS

Ottawa TITLE: PLANTING TRENCH WELL DRAINED SOILS DATE: MAY 2001
REV: JAN 2017
DWG No: L1

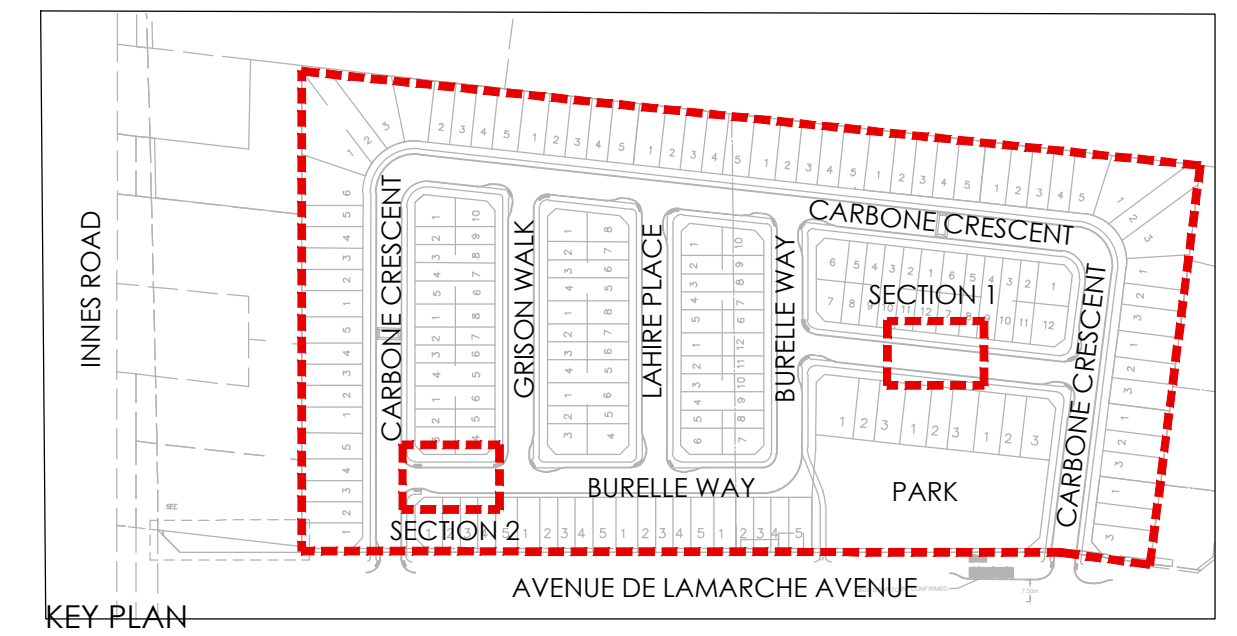
3 DECIDUOUS TREE PLANTING - WELL DRAINED SOILS
1:100



- NOTES:
1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
 2. USE TREE SPECIES SUITABLE TO POORLY DRAINED SOIL CONDITIONS
 3. LOCATION AS SPECIFIED ON THE CONTRACT DRAWINGS

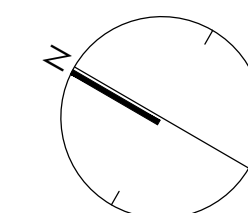
Ottawa TITLE: PLANTING PIT POORLY DRAINED SOILS DATE: MAY 2001
REV: FEB 2017
DWG No: L6

4 DECIDUOUS TREE PLANTING - POORLY DRAINED SOILS
1:100



ORLEANS VILLAGE PHASE 4 CROSS SECTIONS

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