

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): 15 TREES
 3-4 MULTIPLE-UNITS TOWNHOUSE (12): 24 TREES
 5-6 MULTIPLE-UNITS TOWNHOUSE (15): 45 TREES
 8-10 MULTIPLE-UNITS TOWNHOUSE(5): 25 TREES
 12 MULTIPLE-UNITS TOWNHOUSE (1): 7 TREES

TOTAL NUMBER OF TREES REQUIRED: 116
NUMBER OF STREET TREES SHOWN ON PLAN: 116
NUMBER OF TREES IN REAR YARDS: 0
TOTAL NUMBER OF TREES ON PLAN: 116

LEGEND

TREE SETBACKS REQUIREMENTS
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PLANTING

- LARGE DECIDUOUS STREET TREES (MATURE HEIGHT OVER 14M)
- MEDIUM DECIDUOUS STREET TREE (MATURE HEIGHT 7.5M TO 14M)
- EXISTING TREE

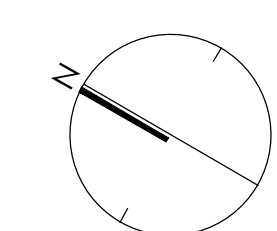
SURFACING

- DRIVEWAY
- CONCRETE SIDEWALK

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

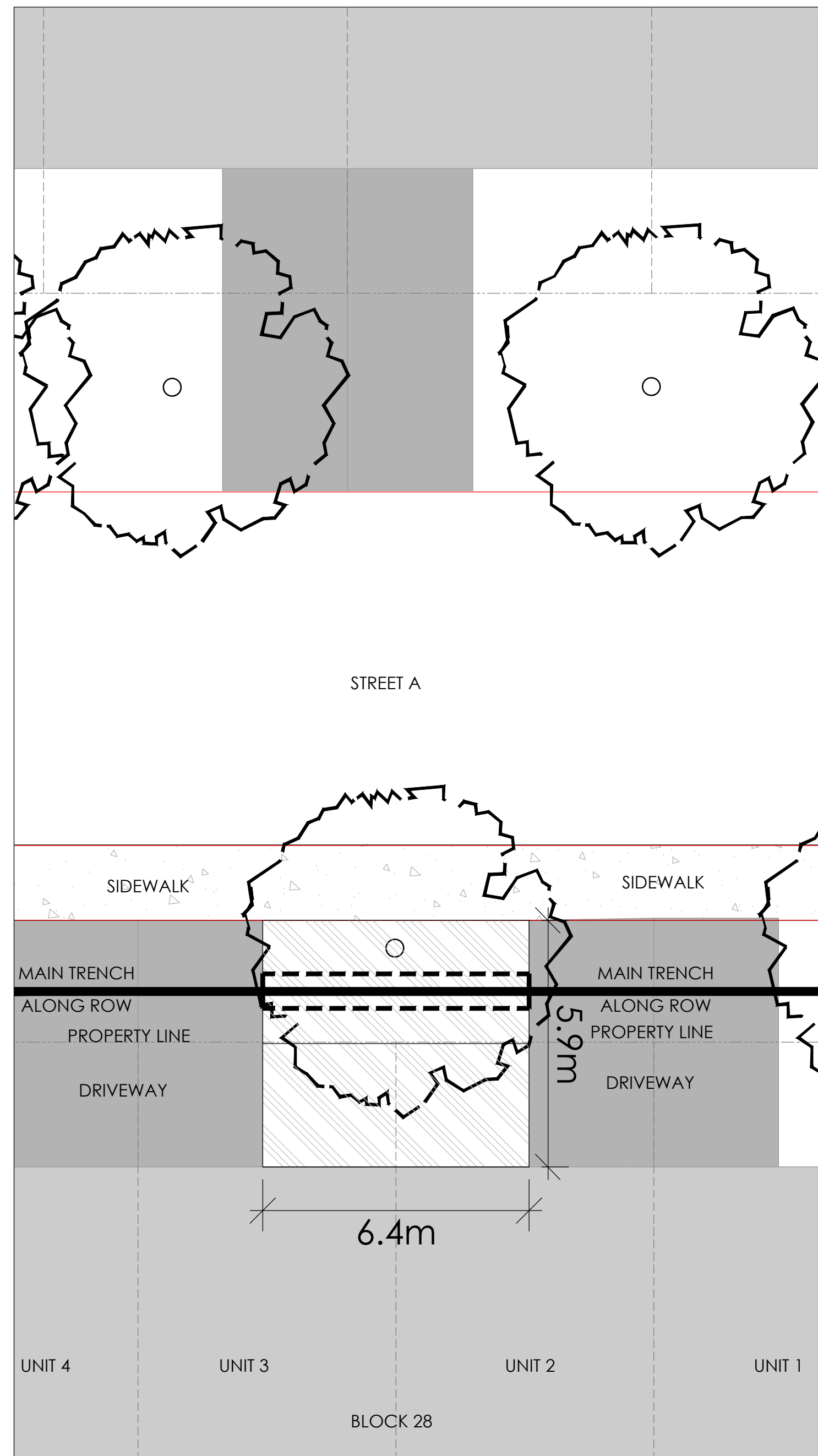
ORLEANS VILLAGE PHASE 4 STREETScape CONCEPT

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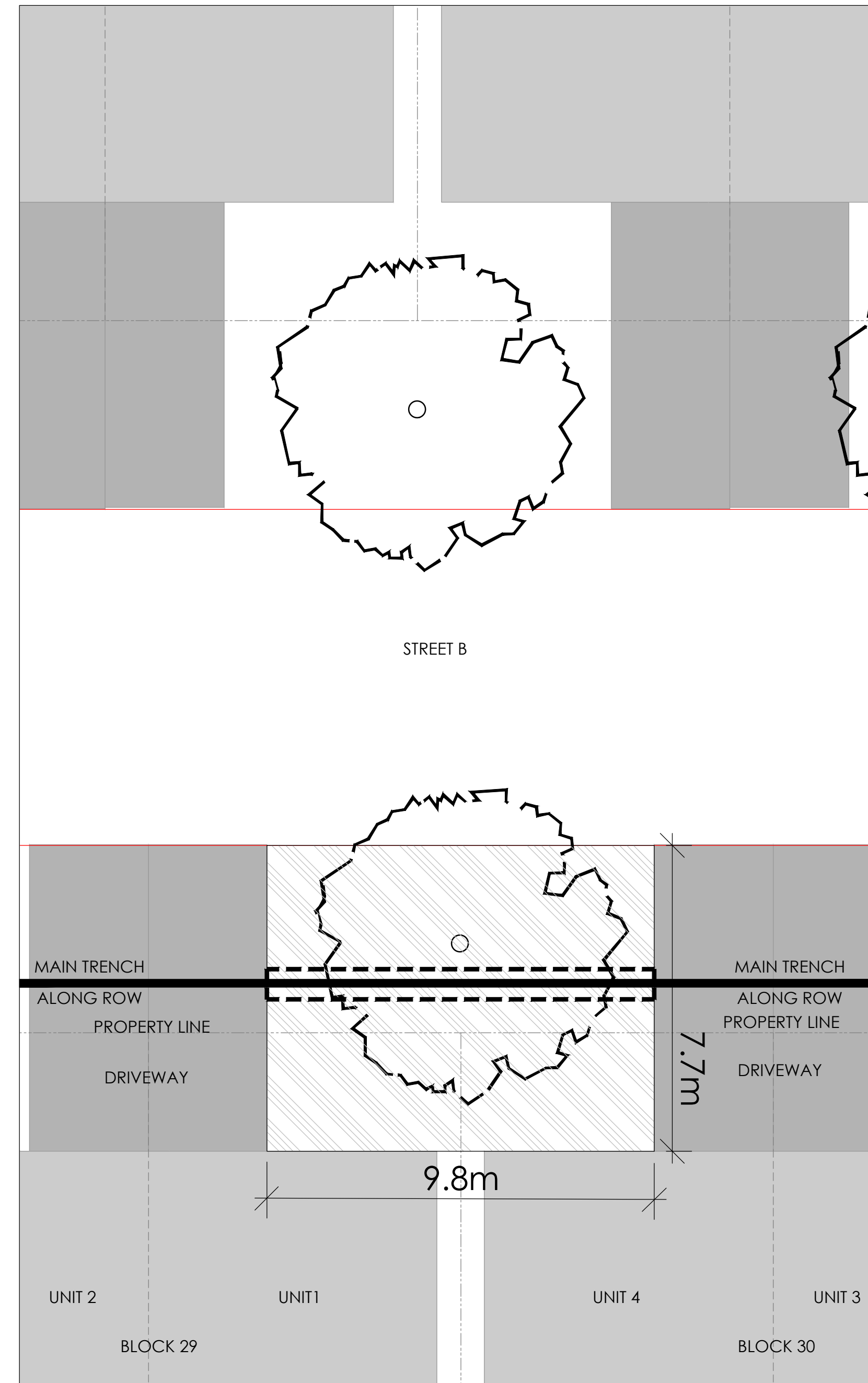
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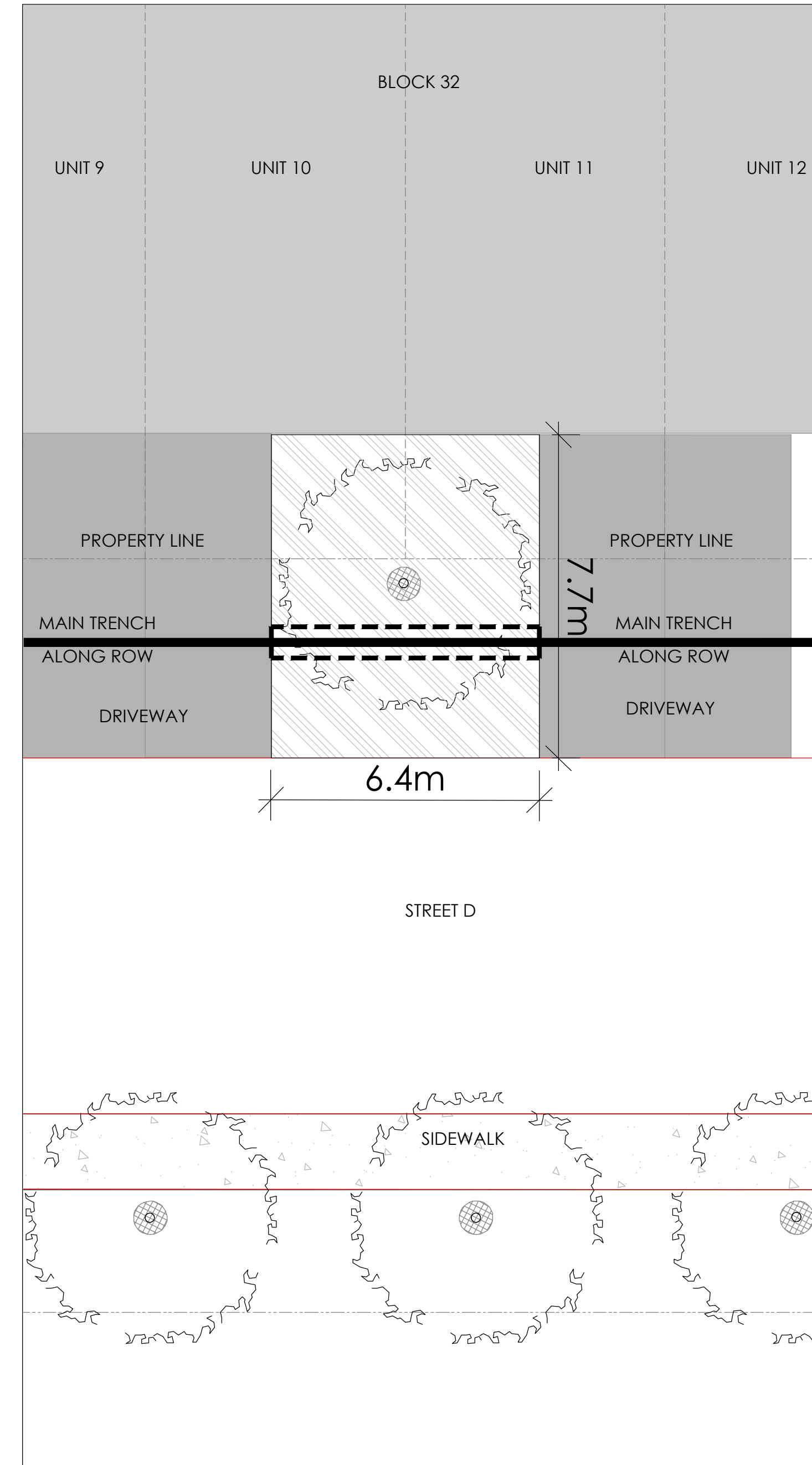
1 Large tree requires: 30m³
 Total volume: 37.76m² (area) x 1.5m (depth) = 56.64m³
 Main Trench Along ROW: 7.7m² x 1.5m(depth) = 11.55m³
 Available soil volume: 56.64m³ - 11.55m³ = 45.09m³

1 STREET A - BLOCK 28 - UNIT 2&3 18m ROW WITH SIDEWALK
 1:100



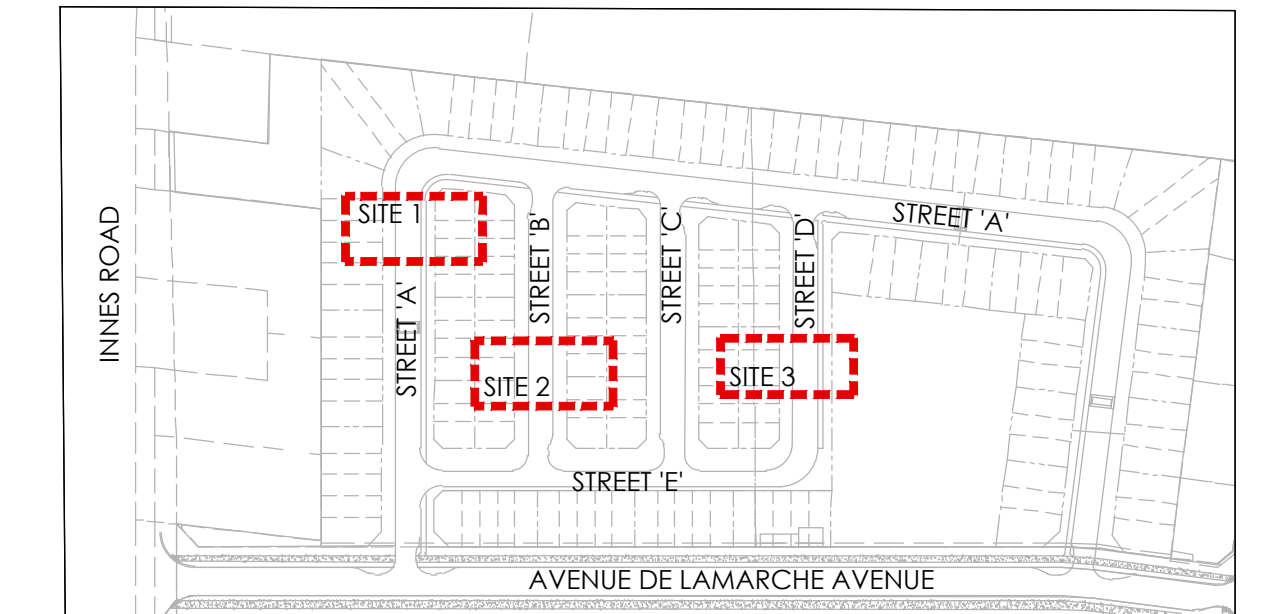
1 Large tree requires: 30m³
 Total volume: 75.46m² (area) x 1.5m (depth) = 113.19m³
 Main Trench Along ROW: 11.8m² x 1.5m(depth) = 17.7m³
 Available soil volume: 113.19m³ - 17.7m³ = 95.49m³

2 STREET B - BLOCK 29 & 30 18m ROW WITHOUT SIDEWALK
 1:100



1 Medium tree requires: 30m³
 Total volume: 49.28m² (area) x 1.5m (depth) = 73.92m³
 Main Trench Along ROW: 7.7m² x 1.5m(depth) = 11.55m³
 Available soil: 73.92m³ - 11.55m³ = 62.37m³

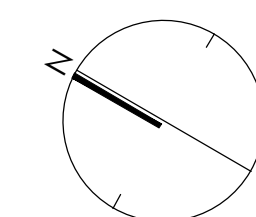
3 STREET D - BLOCK 32 - UNIT 10 & 11 18.0m ROW WITHOUT SIDEWALK
 1:100



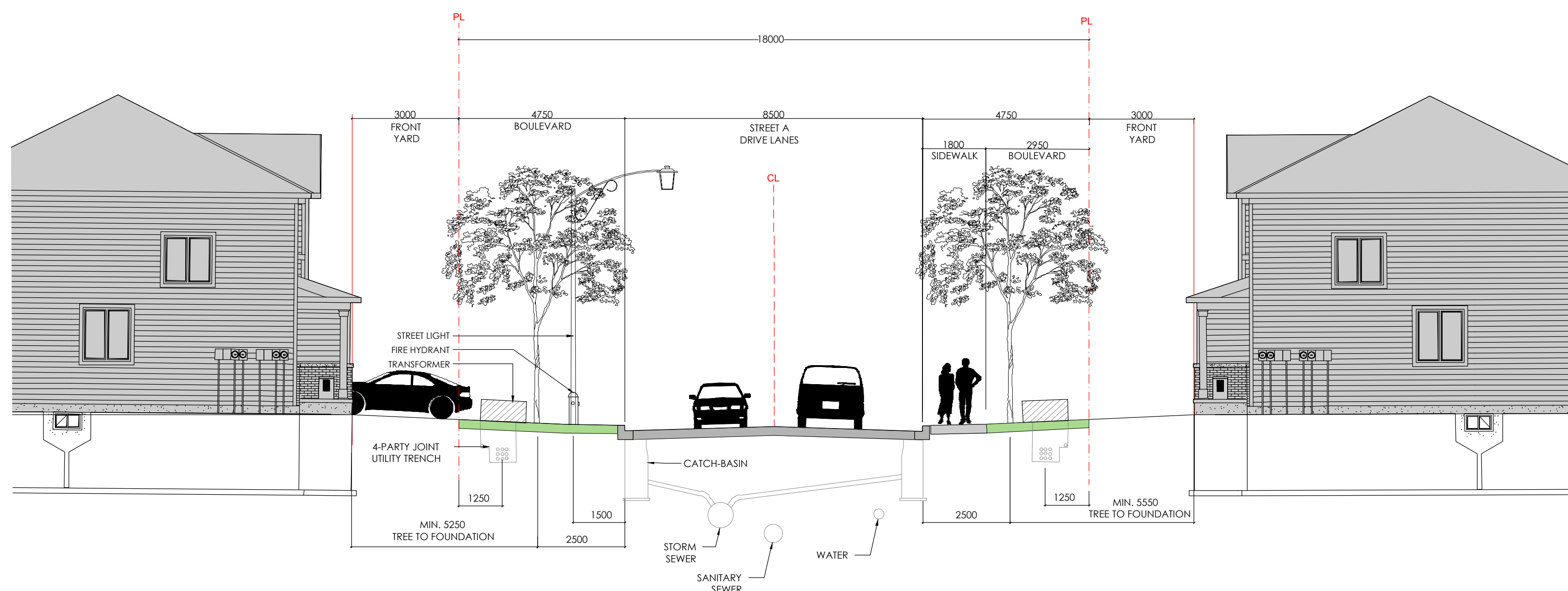
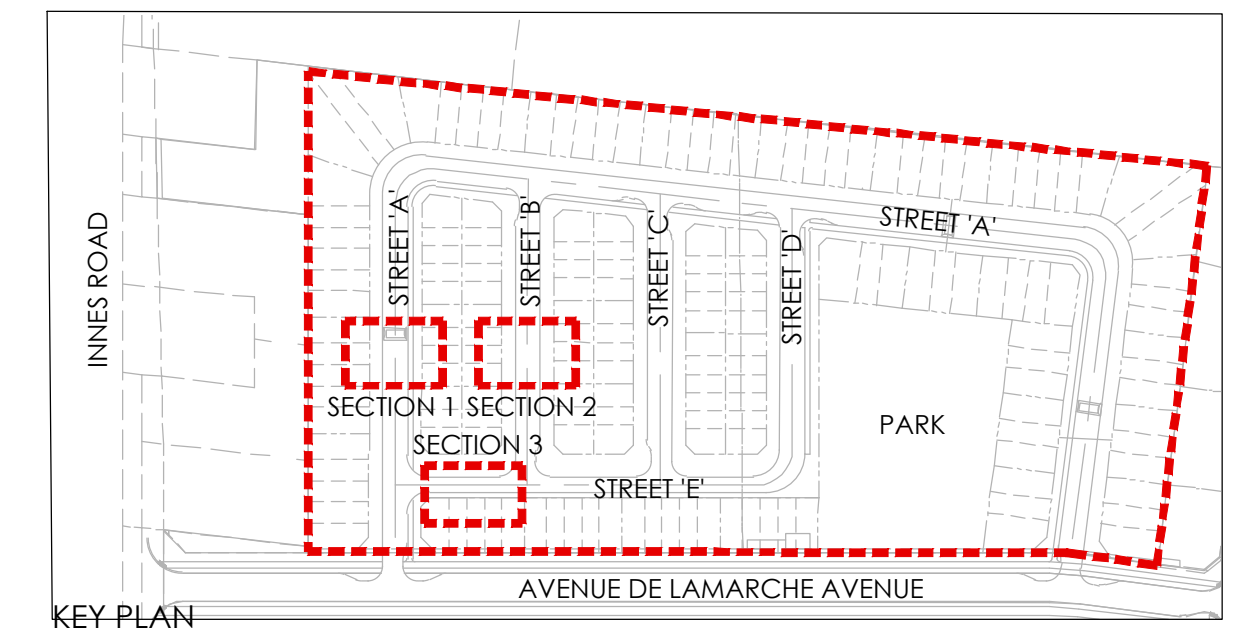
KEY PLAN

ORLEANS VILLAGE PHASE 4 SOIL VOLUME STUDY

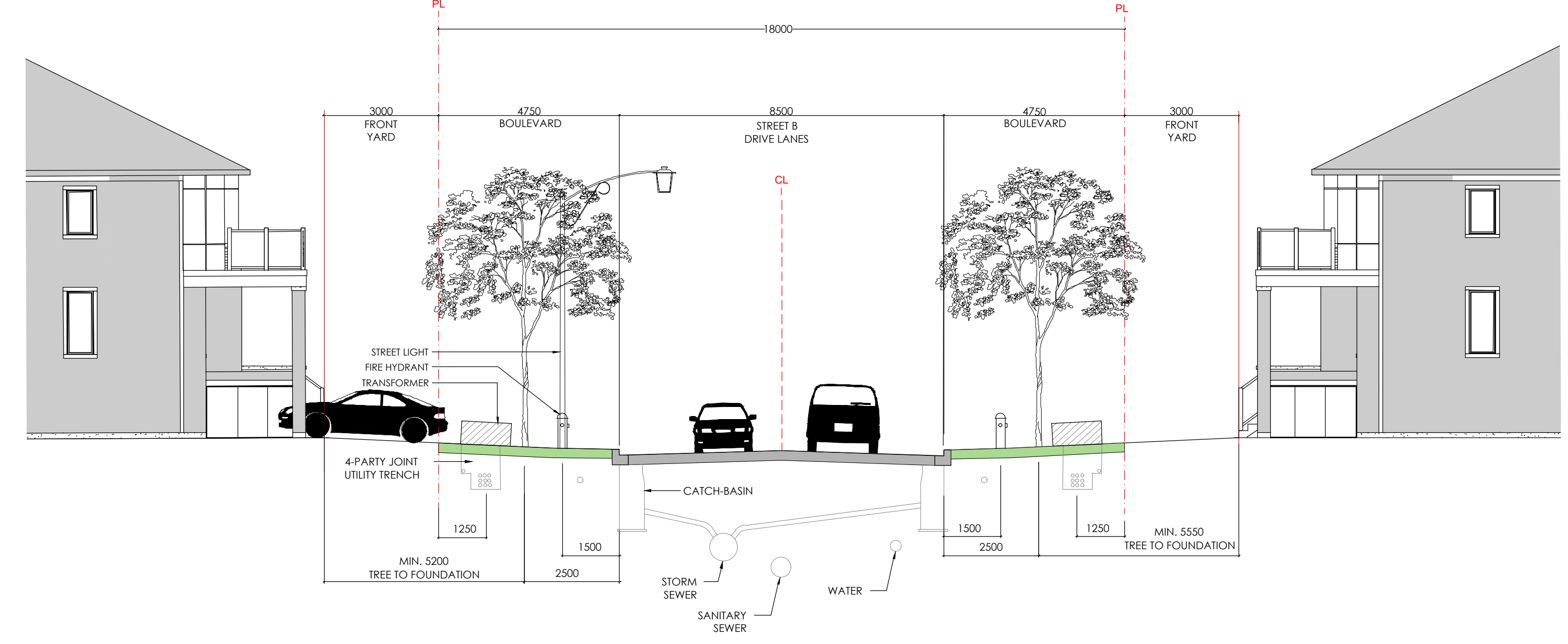
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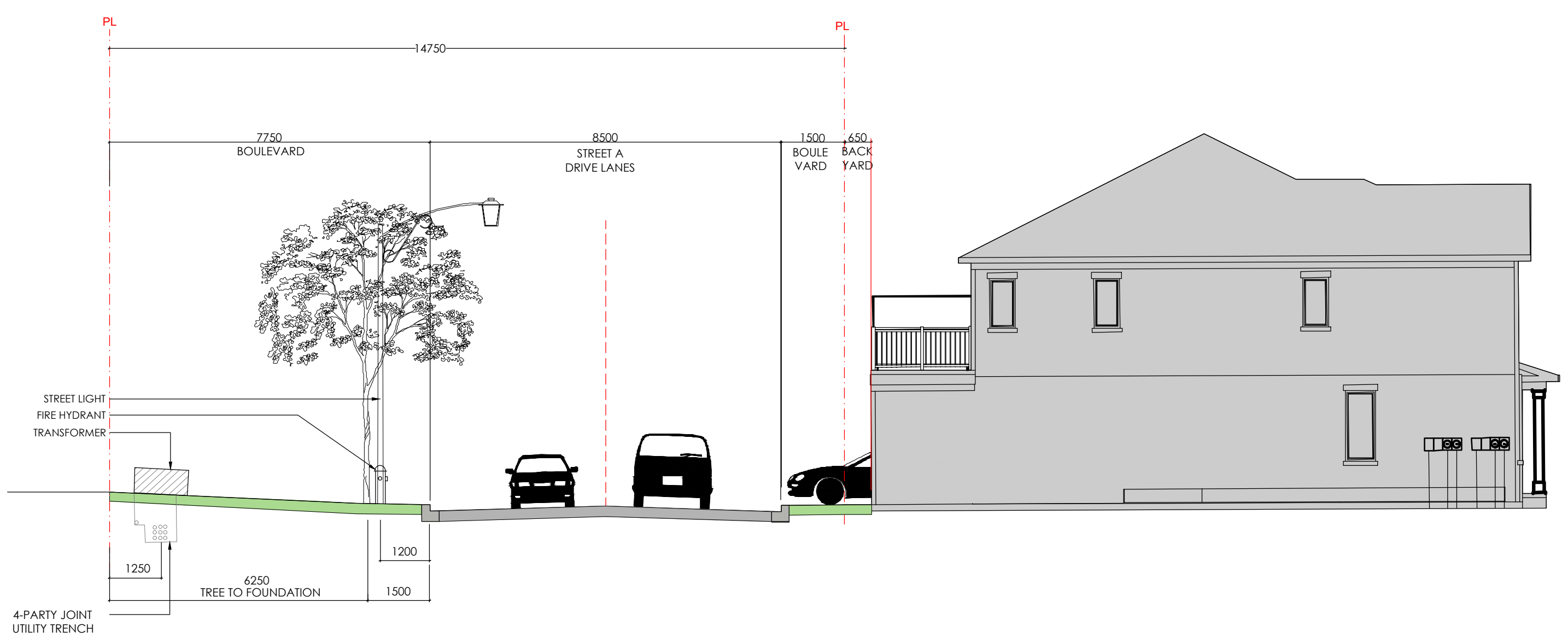
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1 STREET A - 18m ROW CROSS SECTION (STANDARD TOWNHOMES)
1:100



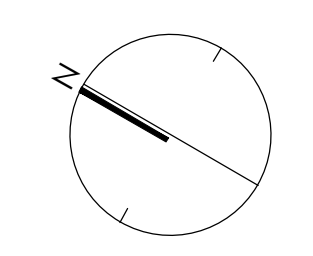
2 STREET B, C, D - 18m ROW CROSS SECTION (BACK-TO-BACK TOWNHOMES)
1:100



3 STREET E - 14.75m ROW CROSS SECTION (REAR-LANE TOWNHOMES)
1:100

ORLEANS VILLAGE PHASE 4 CROSS SECTIONS

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