residential subdivision 'Eagle Heights' 28 Willis Road **MERINGANDAN WEST Q 4352** Lot 3510 RP895290 MCUI/2020/1185 & RAL/2020/1186

Operational Works documentation Street Tree Planting

DRAWING LIST	
2118-01 Issue C	Cover Sheet & Notes
2118-02 Issue C	Key Plan
2118-03 Issue C	Street Tree Plan
2118-04 Issue C	Street Tree Plan
2118-05 Issue C	Street Tree Plan
2118-06 Issue C	Street Tree Plan
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2118-09 Issue C	Street Tree Plan
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2118-11 Issue C	Street Tree Plan
2118-12 Issue C	Plant Schedule & Landscape Detail
2118-13 Issue A	Peters & Willis Roads Cross Sections



GENERAL NOTES

DESCRIPTION OF WORKS

- These drawings describe street tree planting to the 'Eagle Heights' subdivision at 28 Willis Road, Meringandan West (Lot 3510 RP895290). These drawings have been prepared in response to consent conditions 104 to 108 of the Development Application Decision Notice (TRC reference: MCUI/2020/1185 & RAL/2020/1186) These drawings relate to street tree planting for all stages of the subdivision. Street planting works include:
 - the siting of street trees relative to the back of kerb, services and footpaths. Note: Where there is no footpath, street trees are to be located halfway between the back of kerb and the nearest service. Where there is a footpath, street trees are to be located halfway between the back of kerb and footpath. Trees are to be at least 1m from all services. The street tree plan indicates the location of services and the location of street trees relative to services, the back of kerb and footpaths. A recommended setback is shown for each street tree.
 - supply and installation of street trees including the excavation of the tree planting hole, installation of 45 litre tree stock and backfilling with imported topsoil:
 - supply & installation of two 38mm square stakes to each street tree and tying with hessian ties in a figure 8 configuration;
 - supply & installation of 100mm depth of forest hardwood mulch in a 1m diameter ring to each street tree; and
 - maintenance of street trees for a 1 year period.

STANDARDS

The works are to meet industry best practice and the following relevant Australian Standards including AS 4419 Soils for Landscaping and Garden Use and AS 4454 Composts, Soil Conditioners and Mulches.

SERVICES

The location of all services are to be verified on site prior to the commencement of works. Reference is to be made to the engineering plans for the project.

ROOT BARRIER

Supply and install root barrier between street trees, back of kerb, footpath and services for a 4m length at each street tree. Root barrier is to be a recycled HDPE material and is to be 600mm deep. Install as per the manufacturer's instructions.

STREET TREES

- All specified street trees to be grown to AS 2303:2018 Tree Stock for Landscape Use. Install street trees as per Landscape Detail 01.
- Excavate individual holes for street trees to allow for the pot size and an additional 200mm of topsoil to all sides. Rip the sides and base of each hole. Install street tree so that the top surface of the pot finishes flush with the surrounds. Backfill hole with imported topsoil. Tamp down topsoil to base of hole before installing plant so that there is no slump in the planting hole. Imported topsoil mix is to comply with AS 4419 Clause 4.6 'Soil Blend'and is
 - be of a friable porous nature;
 - contain no weed seed or propagules;
 - contain no refuse or materials toxic to plant growth;
 - contain no stumps, roots, clay lumps or stones > 50mm in size;
 - have an organic content of at least 5% by mass;
 - have a pH in the range of 5 to 6.5.

PLANTING

- Plant stock shall have a healthy cover and a good straight tap root. Weak or diseased stock, or stock that is heavily root bound, shall not be used. All plants shall be supplied healthy, insect and disease free and show no indication of root compaction. All plants will be well hardened off in their final containers and be capable of planting in the climatic conditions of the site. All plants shall be fresh and exhibit new growth with fibrous root system and capable of holding potting mix together without restriction or damage. All plants should be delivered to the site as necessary and planted as soon after delivery as possible. All stock arriving on site should be identified and labelled.
- Water all plant stock 24 hours prior to planting and keep in a moist state throughout planting operations. Do not store plants awaiting planting in full sun or in an exposed location where they may be subject to hot winds.
- Prior to planting tease the roots gently of the plant. Gently tamp down the backfilled soil around the root ball. Apply a minimum of 5 litres of water to each plant within 12 hours of planting.

MULCHING

10. Provide a 1m diameter circle of forest hardwood mulch to each street tree.

MAINTENANCE

11. Maintain street trees for a period of 1 year. Maintenance to street trees is to include watering, weeding, fertilising, pest and disease control and plant replacement. Street trees shall be watered regularly as required to ensure continuous healthy growth. Replace plants which die for fail to thrive, and plants that are damaged or stolen with plants of the same size and quality unless otherwise directed. Carry out insecticide & fungicide spraying out, if necessary, as per the manufacturer's instructions.

Site Location

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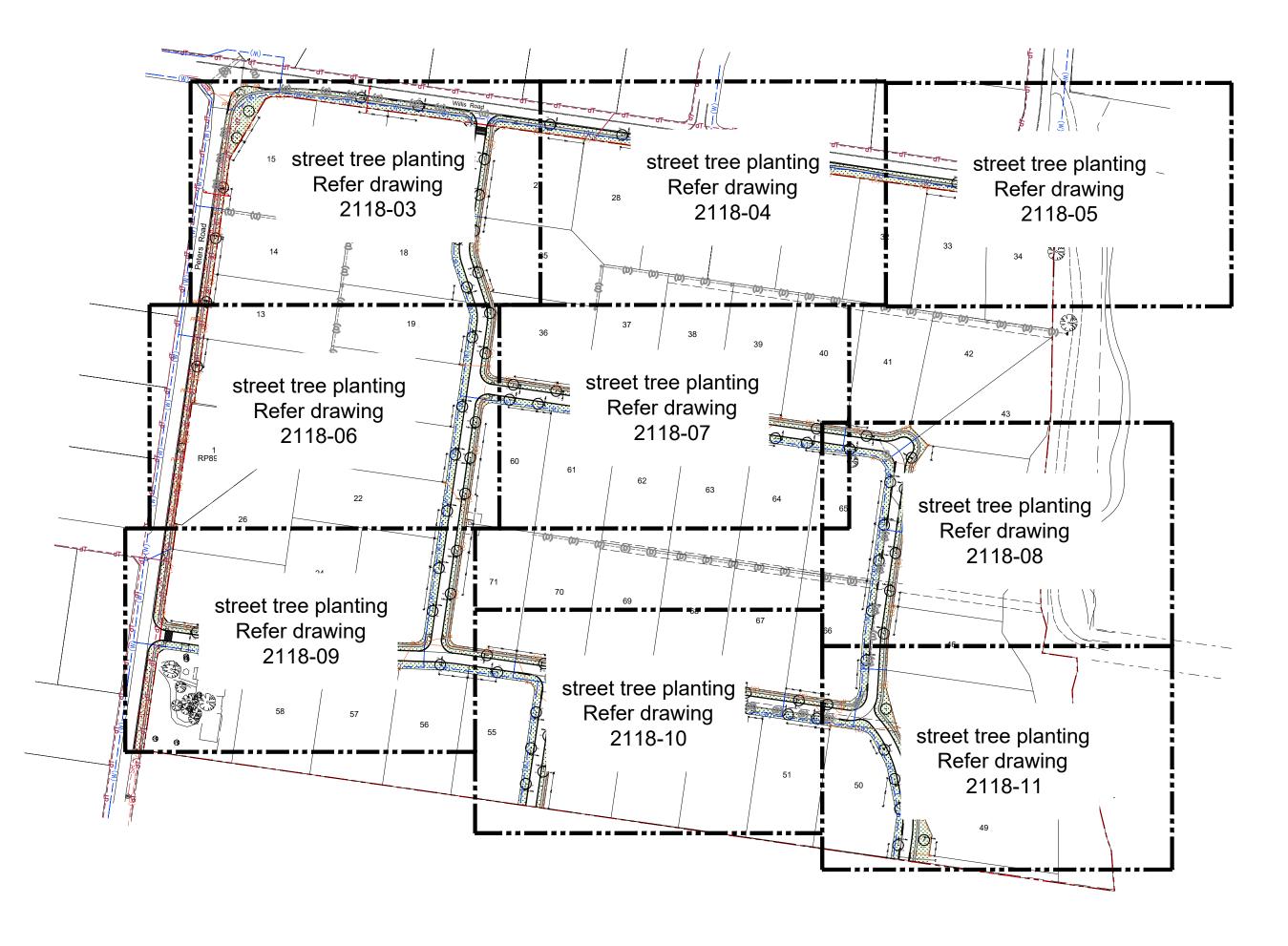


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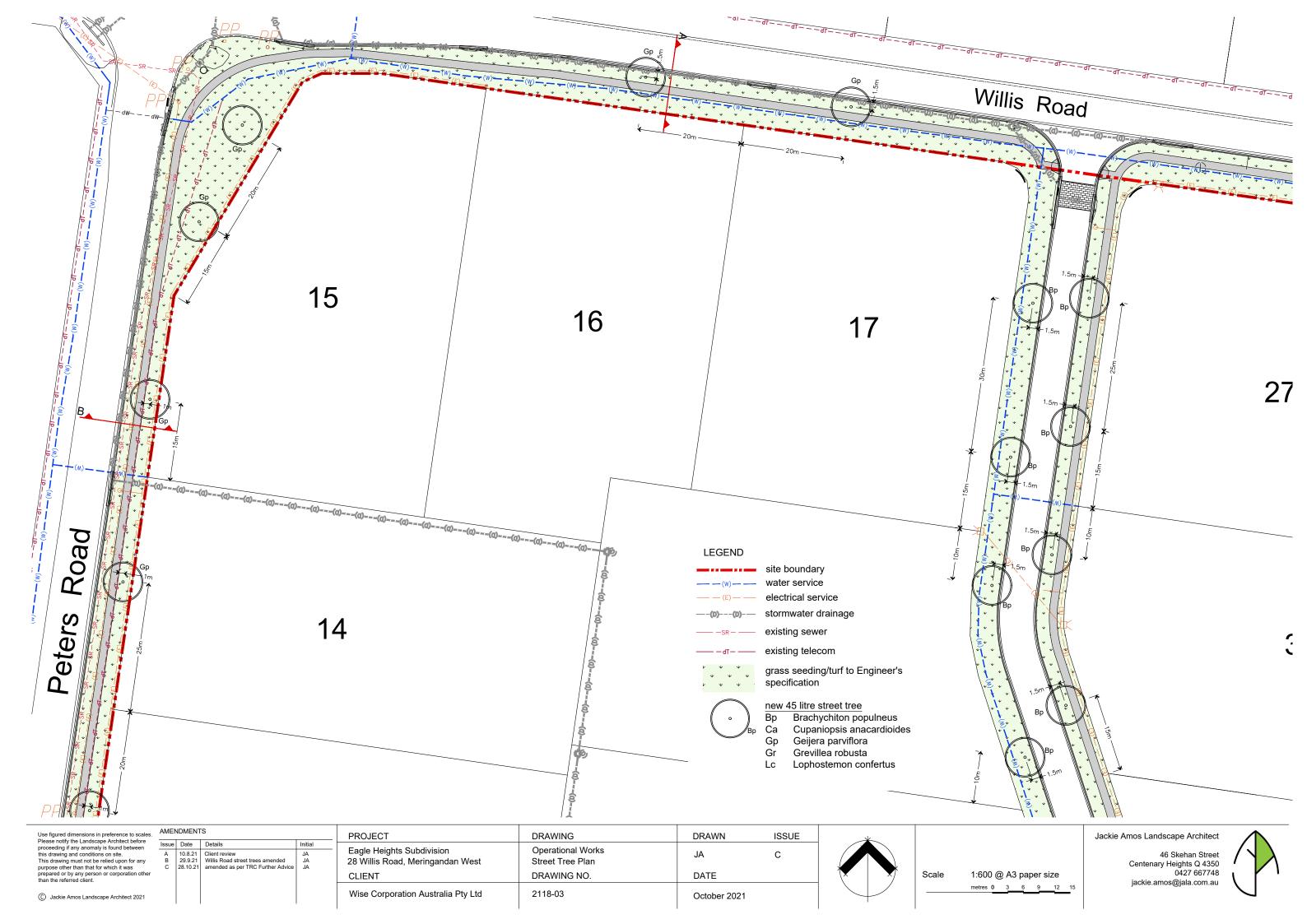


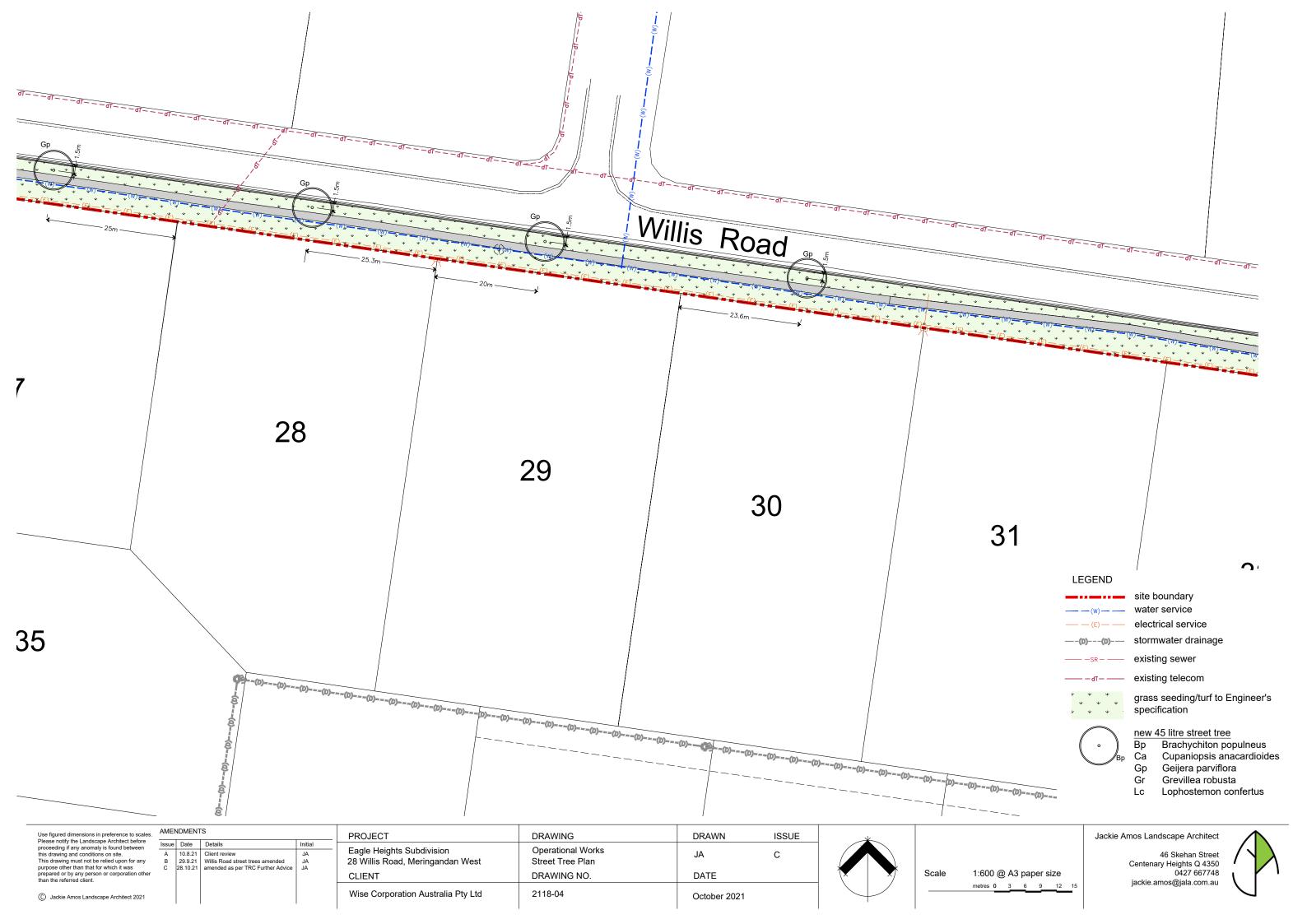
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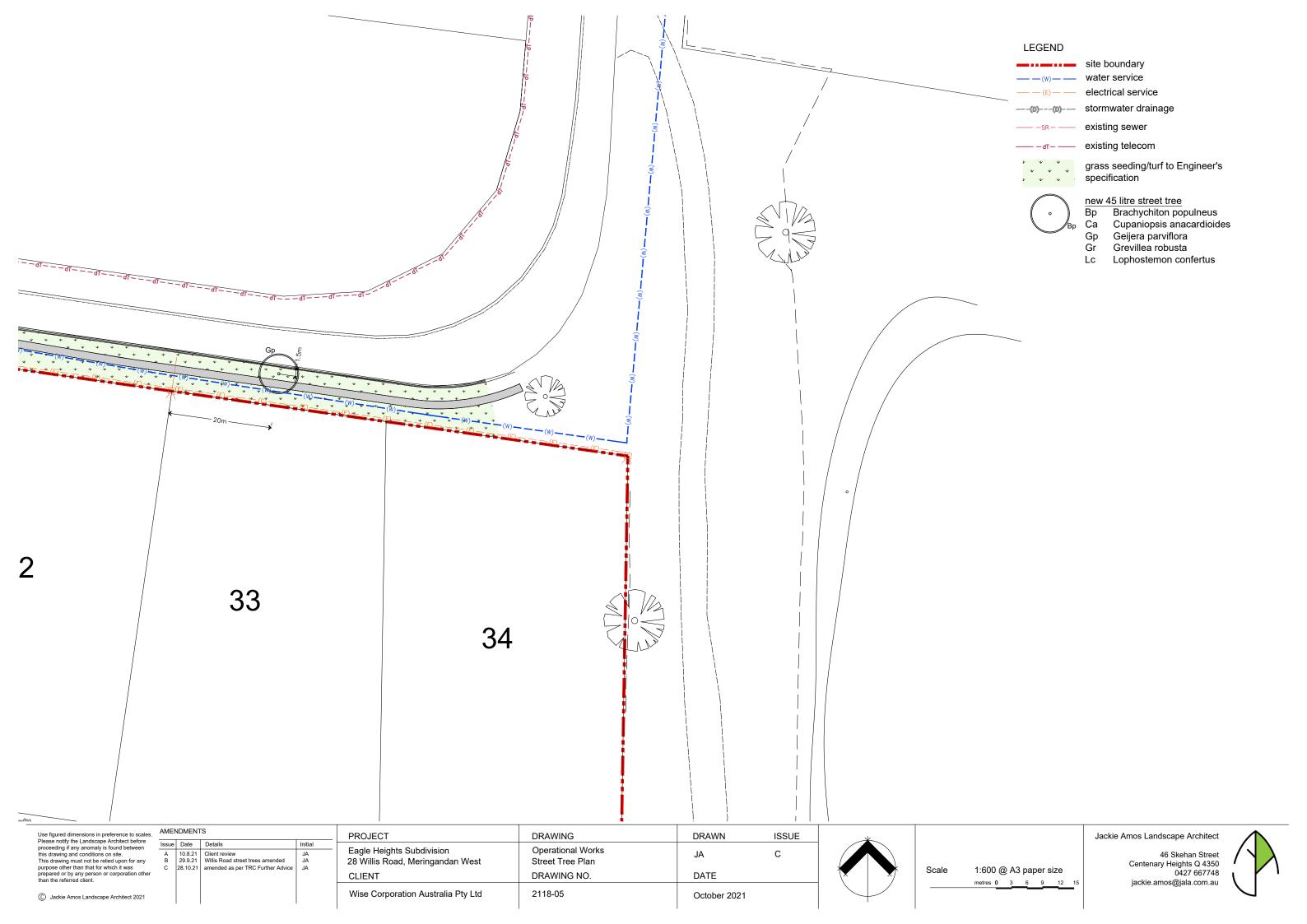
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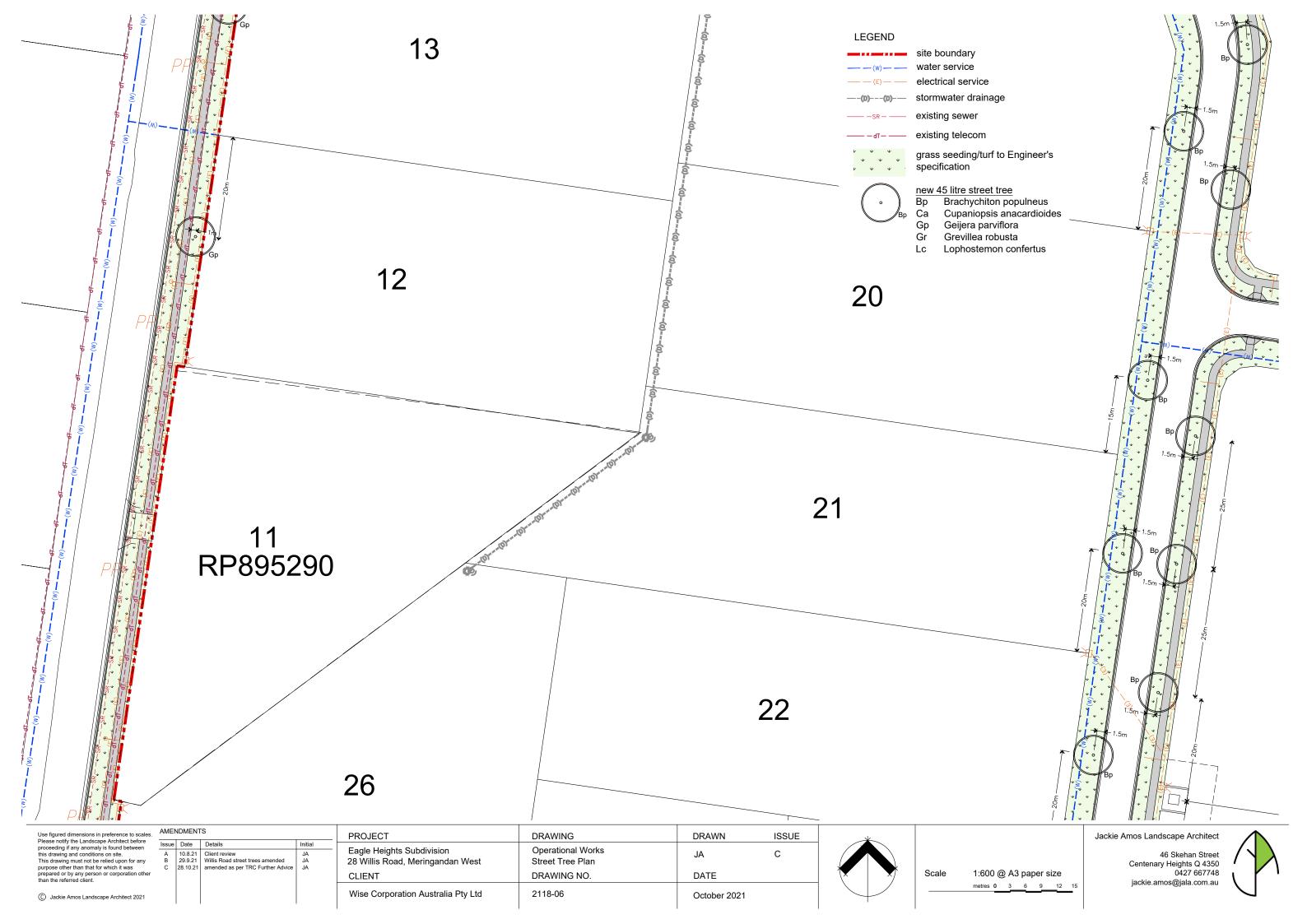
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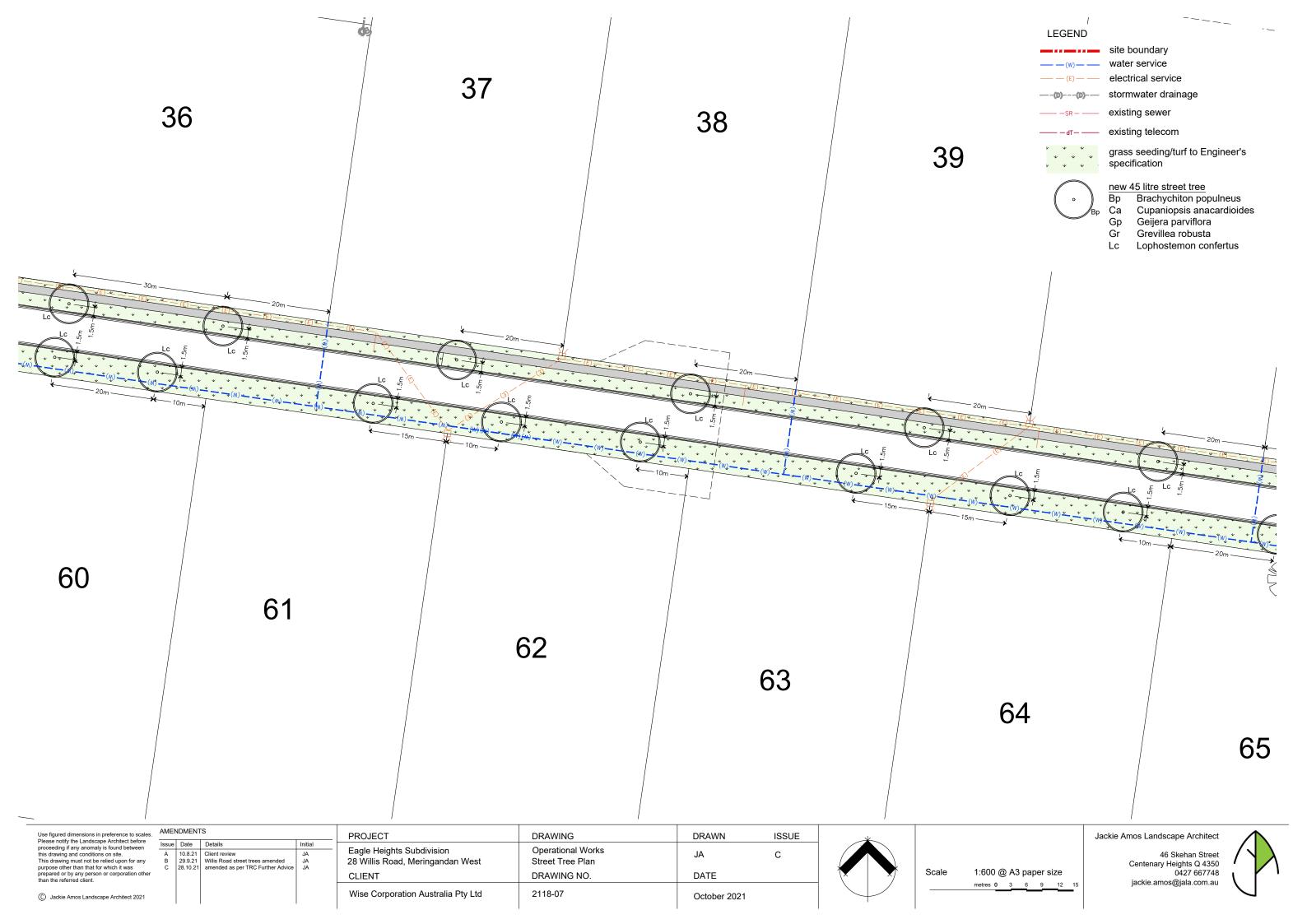


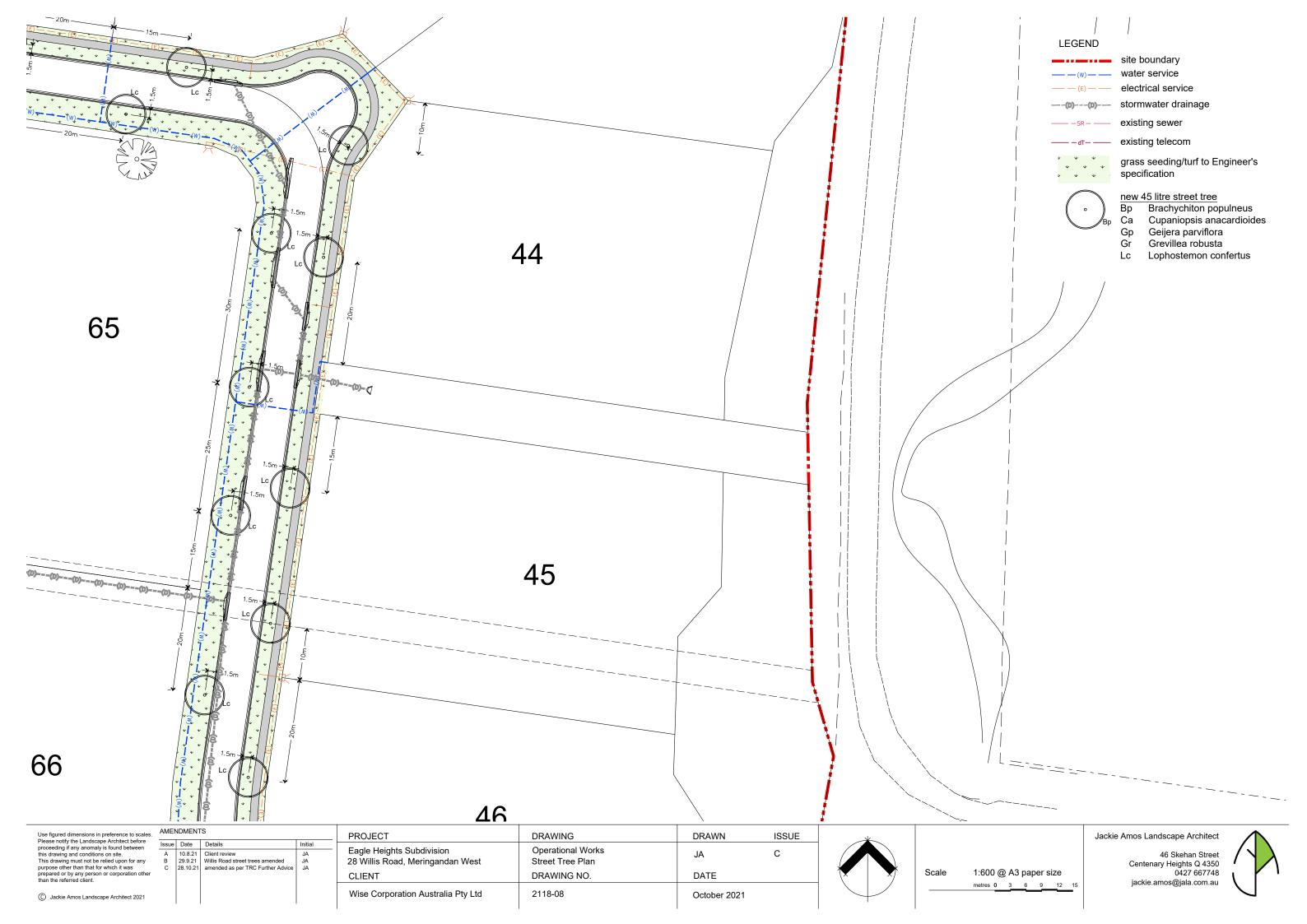


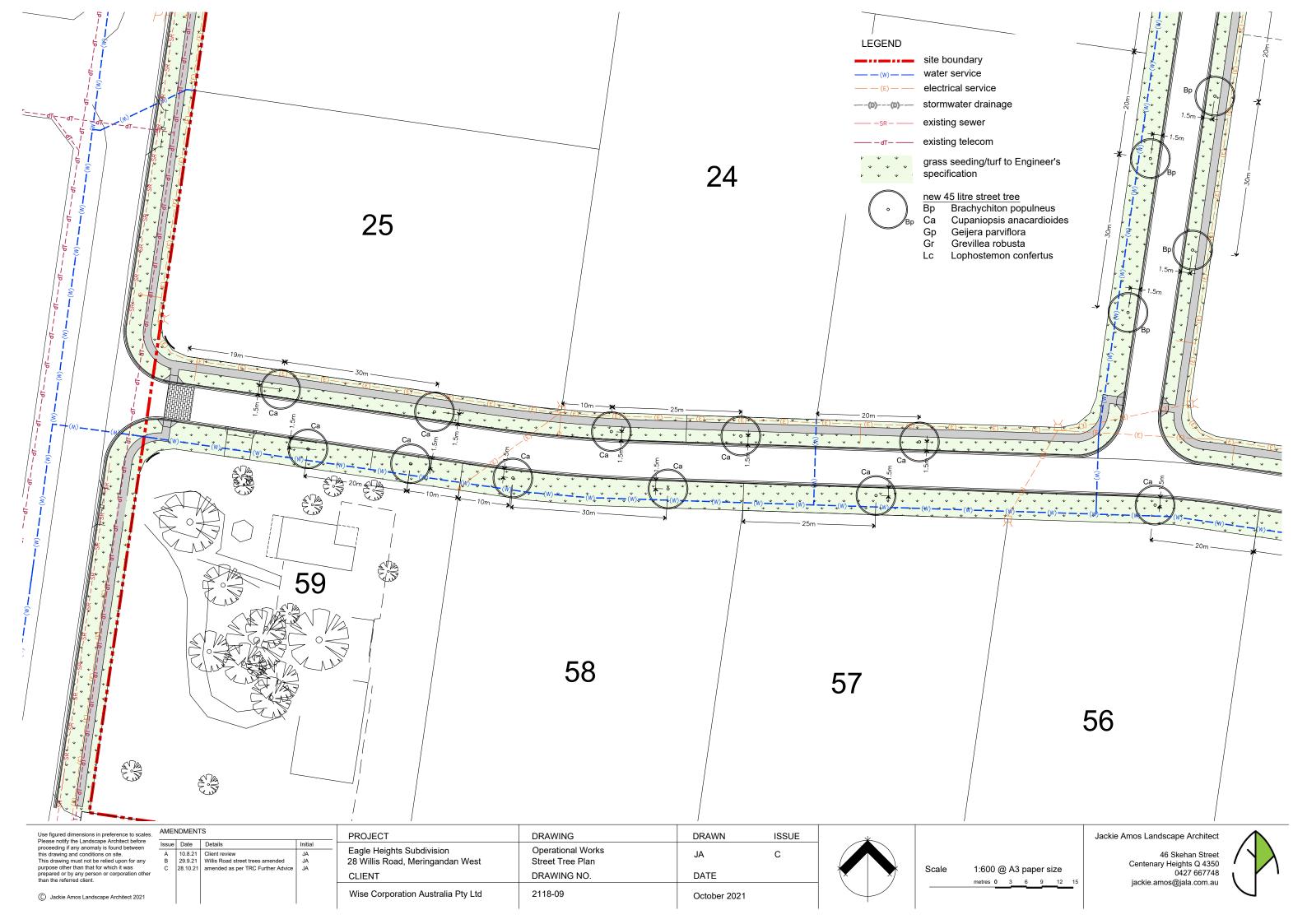


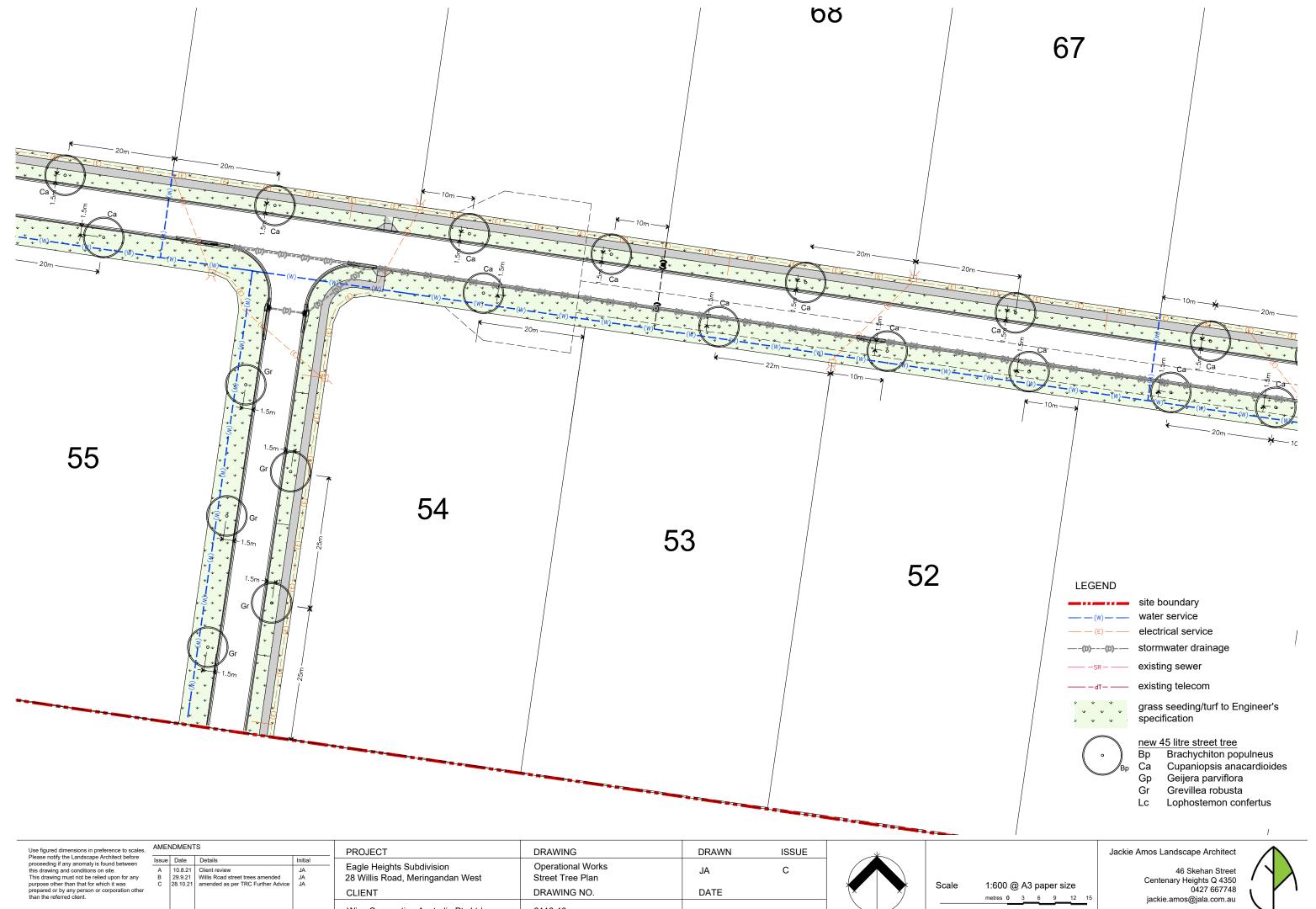










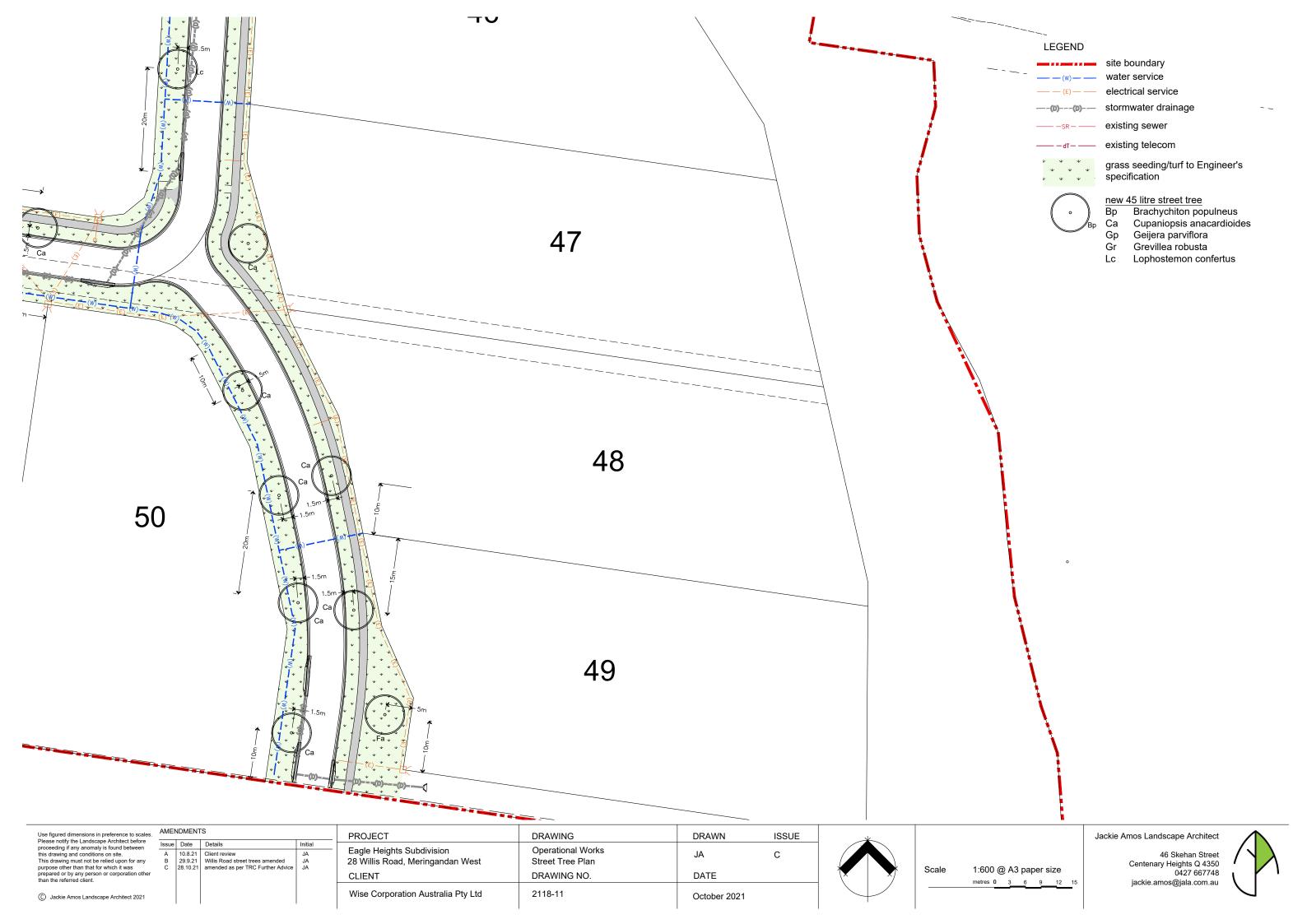


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	Wise Corporation Australia Pty Ltd	2118-10	October 2021	







PLANT SCHEDULE residential subdivision, 'Eagle Heights', 28 Willis Road,Meringandan West **Botanical Name Common Name** Ht x Width Pot Size Quantity Code STREET TREES BRA pop Brachychiton populneus 45 litre 21 Kurranjong 10m x 6m CUP ana Cupaniopsis anacardioides Tuckeroo 8m x 6m 45 litre 34 GEI par Geijera parviflora Wilga 12m x 5m 45 litre 13 Silky Oak GRE rob Grevillea robusta 12m x 5m 45 litre 5

Brush Box

TREES

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Lophostemon confertus

Brachychiton populneus Kurranjong



Cupaniopsis anacardioides Tuckeroo



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Geijera parviflora Wilga

45 litre

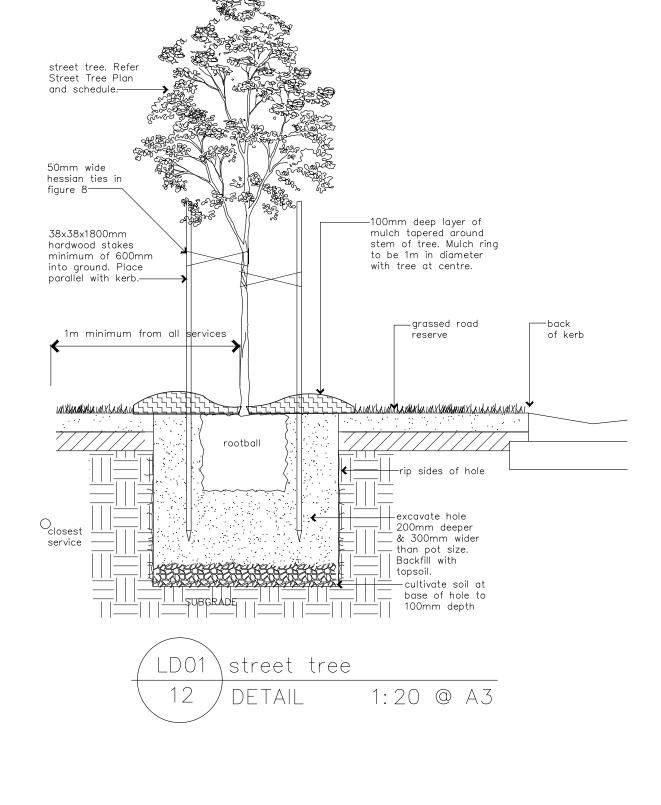
15m x 8m



Grevillea robusta Silky oak



Lophostemon confertus Brush box



1.5m from back of kerb

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AMENDMENTS

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Issue	Date	Details	Initial
A B C	10.8.21 29.9.21 28.10.21	Client review Willis Road street trees amended amended as per TRC Further Advice	JA JA JA

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Wise Corporation Australia Pty Ltd	2118-12	October 2021	

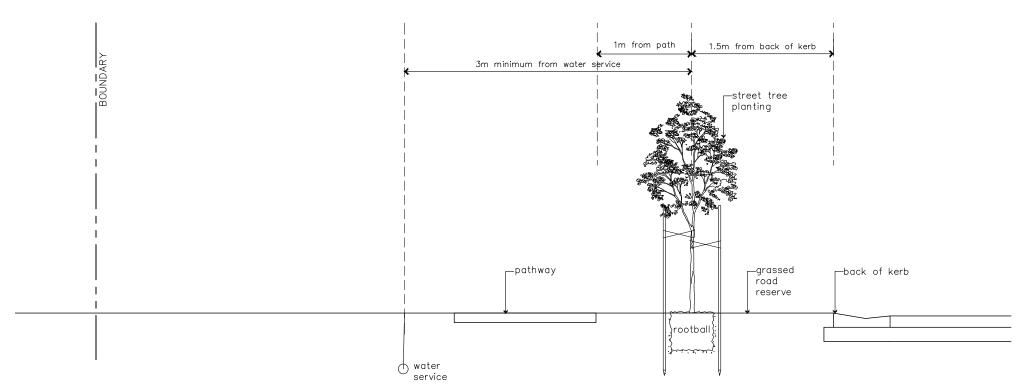
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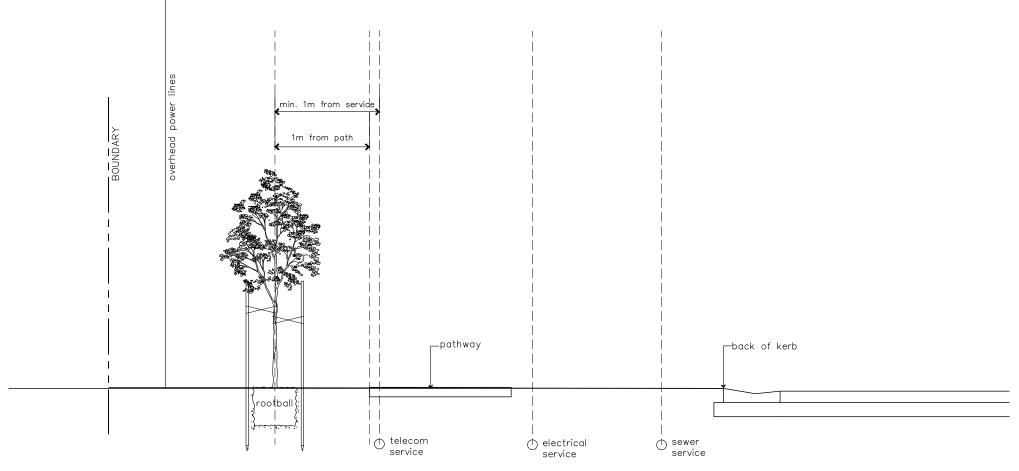
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A Typical Cross Section - Willis Road Street Tree Planting



Typical Cross Section - Peters Road Street Tree Planting scale 1:40

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