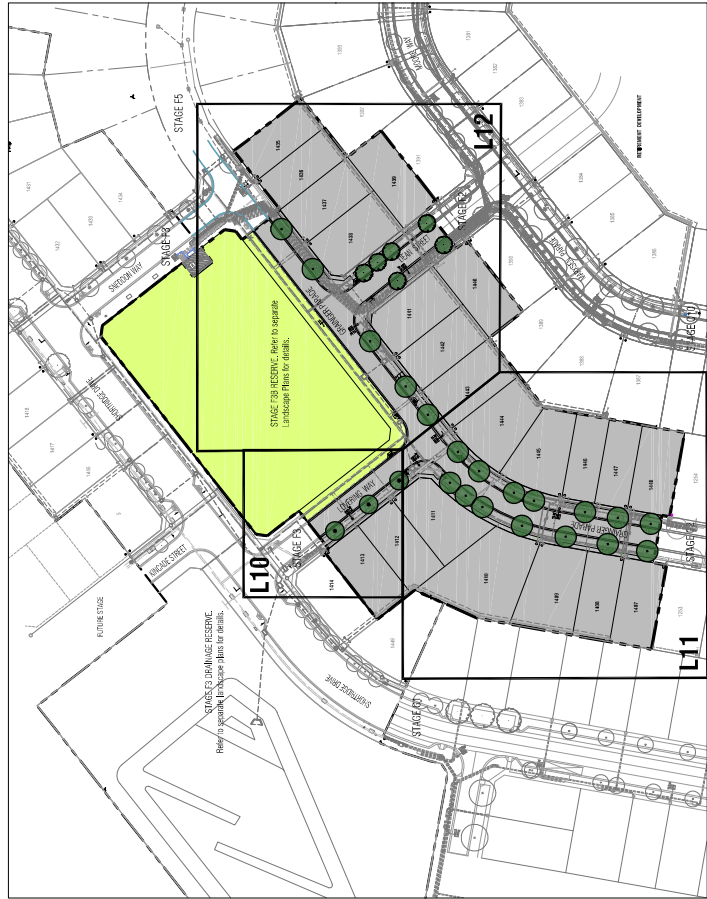


# CONTENTS:

Drawing Number	
PLA305-L10	Context, Plant Schedule and Detail
PLA305-L11	Street Tree Plan 01
PLA305-L12	Street Tree Plan 02

# CONTENTS:

Drawing Number	
PLA305-L10	Context, Plant Schedule and Detail
PLA305-L11	Street Tree Plan 01
PLA305-L12	Street Tree Plan 02



Master Plant Schedule - Stage F3B, Lucas				
Code	Botanical Name	Common Name	Plant Size	Qty
Trees				
EMA	<i>Eucalyptus mamifera</i> ssp. <i>maculosa</i>	Red Spotted Gum	20 ltr container 1.2m min. height	19
FPU	<i>Fraxinus pennsylvanica</i> 'Urbdel'	Urbanite Ash	45 ltr container 2.2m min. height	3
PCA	<i>Pyrus calleryana</i> 'Aristocrat'	'Aristocrat' Flowering Pear	45 ltr container 2.2m min. height	6

Master Plant Schedule - Stage F3B, Lucas				
Code	Botanical Name	Common Name	Plant Size	Qty
Trees				
EMA	<i>Eucalyptus mamifera</i> ssp. <i>maculosa</i>	Red Spotted Gum	20 ltr container 1.2m min. height	19
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PCA	<i>Pyrus calleryana</i> 'Aristocrat'	'Aristocrat' Flowering Pear	45 ltr container 2.2m min. height	6

# CONTEXT AND SHEET LAYOUT PLAN - Stage F3B, Lucas

All trees shall conform to the AS 2303-2015 Tree Stock for Landscape Use. In particular they shall:

- be healthy specimens free of pests, diseases, wounds or significant injury;
- have good branching off a strong central leader and adequate crown density, symmetry and form;
- have a stem taper that is self-supporting and an appropriate height and trunk calliper.

Trees are to be well watered a maximum of 24 hours prior to planting.

3 No. 38 x 38mm x 1900mm hardwood stakes (unless otherwise specified by City of Ballarat) set vertical and clear of rootball. Stakes shall be driven a minimum depth of 300mm into ground. Avoid damage to rootball and ensure no damage is caused to underground services.

3 No. 50mm wide hessian ties wrapped around trunk at approximately 1.0m height and securely stapled to stakes to allow some trunk movement.

Top of rootball to be flush with finished level of the planting hole. The rootball should show no sign of suckering or girdling.

Raised 75mm high berm (ring of soil) to form a watering basin and direct water into rootball. Berm shall begin at root ball periphery. 75mm depth approved hardwood mulch to be kept clear of trunk, and spread a minimum of 1200mm diameter from the centre of the tree to ensure planting hole is covered.

Excavate sloping shallow planting hole minimum 3 times the width of the rootball and break-up sides and base. Depth of planting hole no deeper than the height of the root ball. Backfill hole with site topsoil broken up to friable texture and firming progressively. Apply a suitable slow-release fertiliser.

NOTES:

1. The location of services shall be confirmed prior to excavation.
2. Watering in of trees shall be completed on the same day as planting and be sufficient to consolidate the backfill around the roots.

The diagram illustrates three distinct tree planting techniques. Each method shows a tree with its root system enclosed in a rootball. Method 1 depicts the rootball being placed into a pre-dug hole, surrounded by a layer of mulch and topped with a raised berm. Method 2 shows a similar setup but with additional details on the surrounding landscape. Method 3 illustrates a third variation, possibly involving different soil conditions or stake placement. Labels include 'Existing soil' and 'Backfill'.

# CONTEXT AND SHEET LAYOUT PLAN - Stage F3B, Lucas

All trees shall conform to the AS 2303-2015 Tree Stock for Landscape Use. In particular they shall:

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1. The location of services shall be confirmed prior to excavation.
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The diagram illustrates three distinct tree planting techniques. Each method shows a tree with its root system enclosed in a rootball. Method 1 depicts the rootball being placed into a pre-dug hole, surrounded by a layer of mulch and a raised berm for watering. Method 2 shows a similar setup but with additional details on the surrounding landscape. Method 3 illustrates a third variation, possibly involving different stake placement or soil treatment. Labels include 'Existing soil' and 'Backfill'.

# CONTEXT AND SHEET LAYOUT PLAN - Stage F3B, Lucas

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# CONTEXT AND SHEET LAYOUT PLAN - Stage F3B, Lucas

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# CONTEXT AND SHEET LAYOUT PLAN - Stage F3B, Lucas

Diagram showing a tree with a trunk and canopy, and a cross-section of the root ball and surrounding soil. The cross-section shows the root ball, a 300mm depth of soil, and a 1.0m height of trunk. The diagram is labeled "Existing soil" and "300mm".

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#### NOTES:

1. The location of services shall be confirmed prior to excavation.
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Site plan showing the layout of Stage F3B, Lucas. The plan includes a road named "LOVERING WAY" and a "STAGE F3B RESERVE". A "GRANGER PARADE" is also shown. The plan includes dimensions for the planting area, such as 8.0m, 6.5m, and 6.3m. A "3 FPU" (Footprint Unit) is indicated. The plan is signed by "1411" and dated "12/10/20". The plan is titled "BALLARAT PLANNING SCHEME" and "Planning and Environment Act 1987". The plan is signed by "1411" and dated "12/10/20".

Planning and Environment Act 1987

BALLARAT PLANNING SCHEME

This plan is endorsed in accordance with condition 5 of 1412

Planning Permit No PLP/2018/525

Planning Permit Issue Date 13/11/18

Page 1 of 4

Signed 1411

Authorised Officer for and on behalf of the

CITY OF BALLARAT

Date 12/10/20

**STAGE F3**

**STAGE F3B RESERVE.**  
Refer to separate  
landscape plans for  
details.

**LOVERING WAY**

**GRANGER PARADE**

**1413**

**1411**

**TP 1.2**

**3 FPU**

**N**

8.0 8.0 8.0 6.5 6.3

Planning and Environment Apr 1987

BALLARAT PLANNING SCHEME

This plan is endorsed in accordance with condition 5 of

**1412**

Planning Permit No PUP/2018/525

Planning Permit Issue Date 13/11/18

Page 1 of 4

Signed [Signature]

Authorised Officer for and on behalf of the CITY OF BALLARAT

Date 12/10/20

**STAGE F3**

**STAGE F3B RESERVE.**  
Refer to separate  
landscape plans for  
details.

**LOT 1413**

**LOT 1411**

**LOVERING WAY**

**GRANGER PARADE**

**TP 1.2**

**3 FPU**

**N**

8.0 8.0 8.0 6.5 6.3

**Planning and Environment Act 1987**

**BALLARAT PLANNING SCHEME**

This plan is endorsed in accordance with condition **5** of **1412**

Planning Permit No PUP/2018/525

Planning Permit Issue Date 13/11/18

Page **1** of **4**

Signed *[Signature]*

Authorised Officer for and on behalf of the CITY OF BALLARAT

Date **12/10/20**





This plan is endorsed in accordance with condition 5 of

Planning Permit No P19/2018, 525

Planning Permit Issue Date 13/1/18

Page 3 of 4

Signed [Signature]

Authorised Officer for and on behalf of the

CITY OF BALLARAT

Date 12/10/20

STAGE F3B RESERVE.  
Refer to separate landscape plans for details.



Continued on L11

TP1	Town Planning Approval	AD	07/09/20
P3	Revisions re. Power and NBN plans	AD	14/04/20
P2	Revisions re. Power and NBN plans	AD	13/03/20
P1	Preliminary-Client Review	AD	03/03/20
Revision Schedule			
Status		APPROVAL ISSUE	

Notes

- Planning Permit reference P19/2018/525.
- The locations of underground services and light poles are indicated by dashed lines. All measurements are in metres, unless otherwise shown.
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  - The location and depth of services shall be verified on site prior to construction. The Council is not responsible for any damage to services during the landscape works.
  - Standard Street Tree Offset.
  - Standard offset from the back of kerb is 1.2m unless otherwise shown.
  - It is assumed that all Underground Cable in close proximity to the 'tree zone' (5m diameter x column depth) shall be relocated to the 'tree zone' (5m diameter x column depth) in accordance with the City of Ballarat's 'Tree Zone' Manual (LDM).
  - Minimum setback of 0.75m to domestic service tapping points and 2.0m to stormwater outlets.
  - Minimum setback of 1.2m to footpath crossings and 3.0m to driveways where they are existing or known.
  - Minimum setback of 2.0m to the highway.
  - Minimum setback of 0.4m to light poles.
  - Proposed Street Trees.
  - Trees are planted to allow a driveway within 7.0m from the title boundary where possible.
  - Tree position in front of lots may change slightly due to 'visual' location of services, and constructed driveway.
  - Setback from intersection (kerb) shall be a minimum of 10m in accordance with City of Ballarat Landscape Design Manual (LDM).
  - Following City of Ballarat approval of these landscape plans any variation to the number or species of street trees required is approved by City of Ballarat.
  - Planted trees shall be planted in accordance with LDM, unless otherwise specified.
  - Match. Match shall be recycled hardwood (or similar approved). In general accordance with LDM, unless otherwise specified.
  - Grass Seeding. Reseed water strips and other grassed areas in accordance with LDM, unless otherwise specified.
  - Proprietary hardy seed mix in accordance with the LDM, unless otherwise specified.
  - Plant Schedule. Refer to sheet L10 for Plant Schedule.

Legend

- Proposed Street Trees - *Pyrus calleryana* 'Melbourne' (Historical Planting Pool)
- Proposed Street Trees - *Eucalyptus mannifera* SSP. *mannifera* (Red Spotted Gum)
- Alternative area location if driveway is located where street tree is proposed.
- Plant Label and Code
- Service Offset



Client Project

**Intega**

Stage F3B  
Lucas, Ballarat

Drawn By: [Name]

Check By: [Name]

Scale: 1:100

Sheet: 3 of 3

Project: PLA305-L12

Revision: TP1

Works	<b>CANOPY COVERAGE ASSESSMENT</b>
Project	<b>Stage F3B, Lucas</b>
Date	<b>Monday, 7 September 2020</b>
PLOT Drawing	PLA305-L10-L12_TP1

Road **Lovering Way**

Code	Tree Species	Quantity	Radius (m)	Canopy Area (m2)	TOTAL CANOPY
FPU	<i>Fraxinus pennsylvanica</i> 'Urbdehl'	3	3.5	38	115
Total					115
Road Reserve Area					386
<b>Canopy Coverage for</b>					<b>Lovering Way</b>
					<b>30%</b>

Road **Dean Street**

Code	Tree Species	Quantity	Radius (m)	Canopy Area (m2)	TOTAL CANOPY
PCA	<i>Pyrus calleryana</i> 'Aristocrat'	6	3.5	38	231
Total					231
Road Reserve Area					810
<b>Canopy Coverage for</b>					<b>Dean Street</b>
					<b>29%</b>

Road **Grainger Parade**

Code	Tree Species	Quantity	Radius (m)	Canopy Area (m2)	TOTAL CANOPY
EMA	<i>Eucalyptus mannifera</i> ssp. <i>maculosa</i>	19	4	50	955
Total					955
Road Reserve Area					2628
<b>Canopy Coverage for</b>					<b>Grainger Parade</b>
					<b>36%</b>

<b>Stage Total</b>					<b>34.0%</b>
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Planning and Environment Act 1987


BALLARAT PLANNING SCHEME

This plan is endorsed in accordance with condition ...5... of

Planning Permit No PLP/2018/525

Planning Permit Issue Date 13/11/18

Page 4 of 4

Signed 

Authorised Officer for and on behalf of the

CITY OF BALLARAT

Date 12/10/20