

RATHDOWNE ESTATE

STAGE 20 - STREETSCAPES

PROJECT NUMBER: 310171
 LANDSCAPE ARCHITECTURE DRAWINGS
 FOR VILLAWOOD

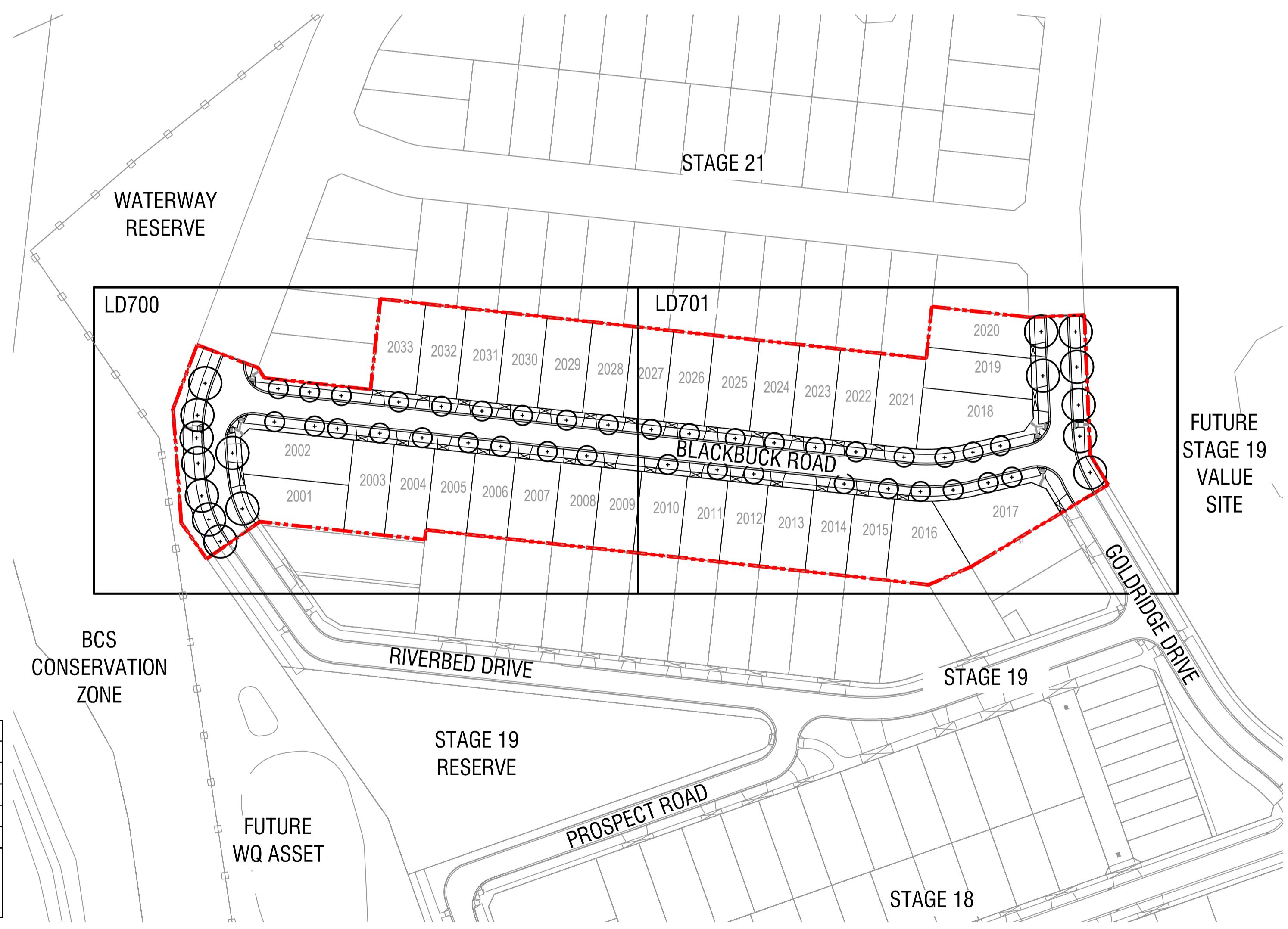
DRAWING SCHEDULE

DRAWING NO.	DESCRIPTION	SHEET NO.	REVISION
LD100	COVER - SHEET 1	1	C
LD700	PLANTING PLANS - SHEET 1	2	C
LD701	PLANTING PLANS - SHEET 2	3	C
LD900	DETAILS - SHEET 1	4	C
LD901	DETAILS - SHEET 2	5	C



2 | **SITE LOCATION**
 Scale 1:7500 @ A1

PLANNING ENVIRONMENT ACT
 CITY OF WHITTLESEA
 PLANNING SCHEME
 Plan referred to in Permit to use and/or develop land.
 Application No: 716630
 Condition No: 18.2
 Sheet 1 of 5
 Date Permit issued: 27/08/2017
 Date: 18/05/2023
 Town Planner: *[Signature]*



1 | **EXTENT OF WORKS**
 Scale 1:1000 @ A1

Code	Botanical Name	Common Name	Mature Size (H X W)	Density (m2)	Install Size	Qty	
Cm	<i>Corymbia maculata</i>	Spotted Gum	30 x 10	as shown	45L	9	
Lc	<i>Lophostemon confertus</i>	Queensland Brush Box	15 x 10	as shown	45L	7	
Pc	<i>Pyrus calleryana 'Chanticleer'</i>	Ornamental Pear	8 x 6	as shown	45L	37	
						Total Qty	53

ALL TREE STOCK TO CONFORM TO AS 2303:2018; APPENDIX D.
 ALL TREE STOCK OF 45L TO HAVE A HEIGHT OF 1.5m - 2.0m AND CALIPER OF 25mm - 30mm
 UNLESS APPROVED IN WRITING BY THE SUPERINTENDENT

- ### GENERAL NOTES
- Unless otherwise specified on the drawings all measurements, lengths, heights and distances to be determined from dimensions and NOT scaled off the drawings.
 - Before commencement of any works it is the responsibility of the Landscape Contractor to contact Dial Before You Dig 1100 (Fax 1300 652 077) for information on services in the area shown on the plan (www.dialbeforeyoudig.com.au)
 - The locations of underground services are approximate only and their exact position should be proven on site. No guarantee is given that all existing services are shown. The Contractor shall verify the location and depth of all services prior to commencing on site.
 - The Contractor must have a copy of Melbourne One Call/Services information and plans on site at all times.
 - The Contractor shall be liable for any damage to services during landscape works.
 - All trees shall be planted in locations shown on this plan, with setout to be approved on site by the Superintendent prior to planting.
 - Tree canopies are shown at 75% of mature diameter.
 - Any change in plant species must have the approval of the Superintendent.
 - Trees shall not be planted less than the following distances from existing elements, unless otherwise stated in the documentation:
 - Pedestrian pathways in reserve - 1.2m
 - Pedestrian pathways in reserve - 2.0m
 - Driveways and crossovers - 3.0m
 - Stormwater and sewerage pits - 2.0m
 - Intersections - 10.0m
 - Service crossings - 2.0m
 - Back of Kerb - 1.0m min.
 - Street lights and power poles - 3.0m
 - Service assets, incl. junction boxes, pits etc - 2.5m
 - Fire plugs - 3.0m
 - The Superintendent is to inspect trees supplied by the Contractor prior to planting.
 - The Principal will ensure that all property boundaries are to be pegged out by licensed surveyors prior to set out of landscape works.
 - All drawings 'For Construction' to be printed in colour.
 - ALL TREE STOCK TO CONFORM TO AS 2303:2018; APPENDIX D.**

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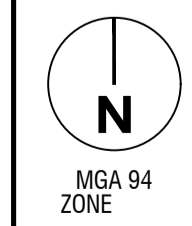
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PRELIMINARY

REV	DESCRIPTION	APP	DATE
C	ISSUED TO COUNCIL	SV	27/04/23
B	ISSUED TO COUNCIL	SV	10/03/23
A	ISSUED TO CLIENT	SV	28/02/23

RATHDOWNE ESTATE
STAGE 20 - STREETSCAPES

DETAILED DESIGN
 COVER - SHEET 1
 SHEET 1 OF 5
 CITY OF WHITTLESEA
 VILLAWOOD



AS SHOWN

DESIGNED	DRAWN	CHECKED	APPROVED
PA	PA	ML	SV

DATE: 30-01-2023 DRG NO: 310171LD100 REV: C

file name: 310171LD100.dwg, layout name: LD100, plotted by: P. Scapellato, add date: 27/04/2023 10:46 AM, sheet 1 of 5 sheets, file location: \\spire\media\01\310171\landscape\ACAD\plot date: 27/04/2023 10:46 AM, sheet 1 of 5 sheets



LEGEND

- EXTENT OF WORKS
- EXISTING STORMWATER
By others / refer Civil
- EXISTING CONDUITS / SERVICES
By others / refer Civil
- EXISTING STREET LIGHTS
Refer Power
- STREET TREE
Refer Details
- HYDROSEED GRASS MIX 01
Refer Details
- HYDROSEED GRASS MIX 02
Refer Details
- 2.5M ELECTRICAL JOINT AND
CONDUIT END OFFSET
- 3M LIGHT POLE AND
PARALLELING PILLAR OFFSET
- VEHICLE EXCLUSION FENCE
Refer Details
- DELWP HARDWOOD POST NO WIRE
FENCE
By Civil
- 10m CONSERVATION OFFSET (NO TREES)

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 Sheet 2 of 5
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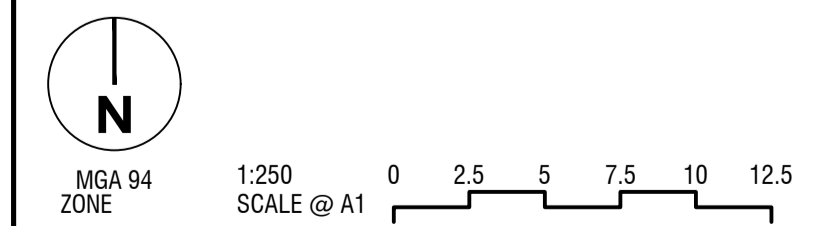
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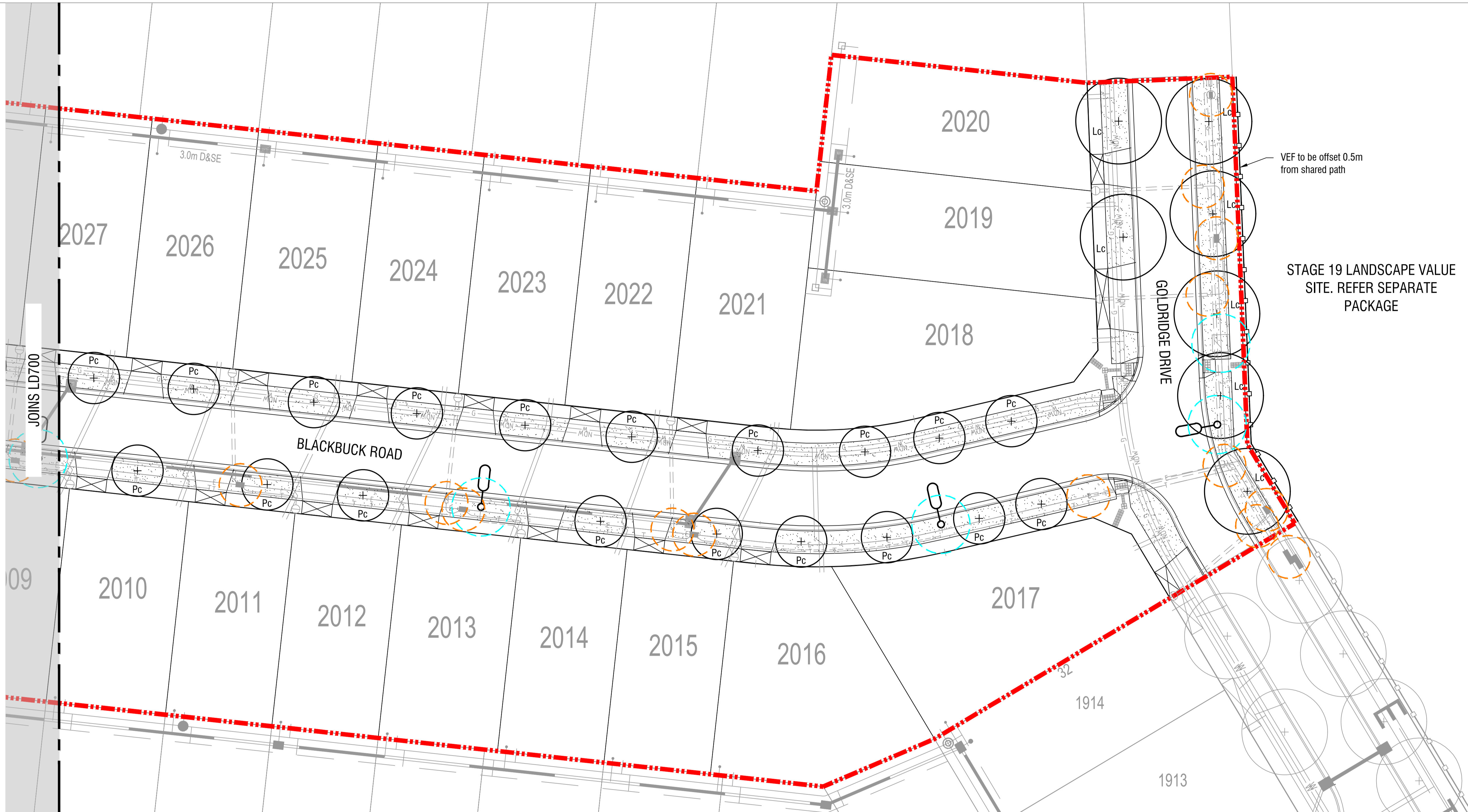
**RATHDOWNE ESTATE
 STAGE 20 - STREETSCAPES**

DETAILED DESIGN
 PLANTING PLANS - SHEET 1
 SHEET 2 OF 5
 CITY OF WHITTLESEA
 VILLAWOOD



DESIGNED	DRAWN	CHECKED	APPROVED
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DATE	DRG NO.	REV	
30-01-2023	310171LD700	C	

file name: 310171LD700.dwg, layout name: LD700, plotted by: Ptaschke, Adelle, file location: \\spire\media\data\310171\landscapes\ACAD\plot date: 27/04/2023 10:46 AM, Sheet 2 of 5 Sheets



NOTES



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RATHDOWNE ESTATE
STAGE 20 - STREETSCAPES
DETAILED DESIGN
 PLANTING PLANS - SHEET 2
 SHEET 3 OF 5
 CITY OF WHITTLESEA
 VILLAWOOD

N
 MGA 94 ZONE
 1:250 SCALE @ A1
 0 2.5 5 7.5 10 12.5

DESIGNED	DRAWN	CHECKED	APPROVED
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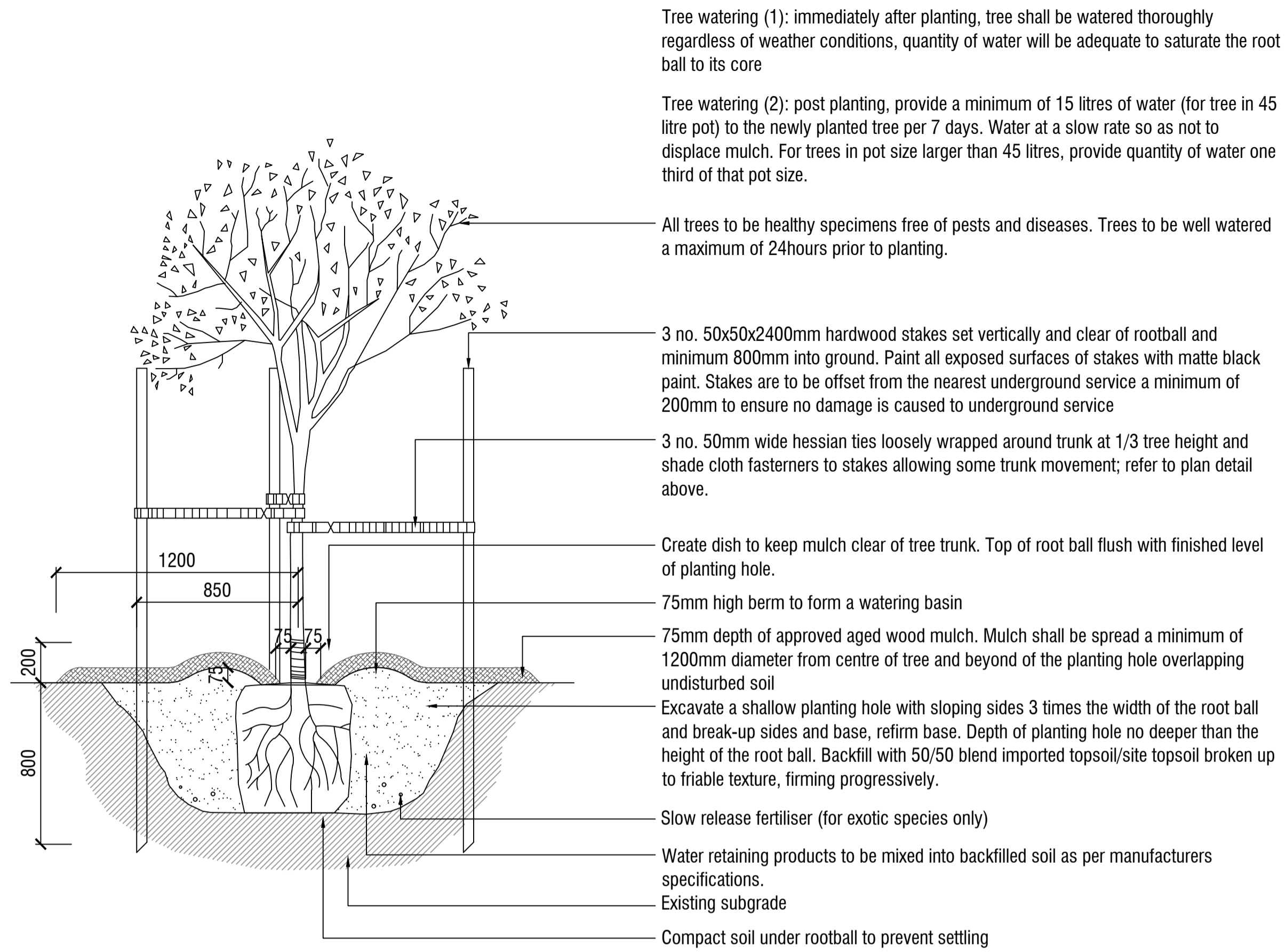
DATE: 30-01-2023
 DRG NO: 310171LD701
 REV: C

LEGEND

	EXTENT OF WORKS		HYDROSEED GRASS MIX 01 Refer Details
	EXISTING STORMWATER By others / refer Civil		2.5M ELECTRICAL JOINT AND CONDUIT END OFFSET
	EXISTING CONDUITS / SERVICES By others / refer Civil		3M LIGHT POLE AND PARALLELING PILLAR OFFSET
	EXISTING STREET LIGHTS Refer Power		VEHICLE EXCLUSION FENCE Refer Details
	STREET TREE Refer Details		

PLANNING ENVIRONMENT ACT
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file name: 310171LD700.dwg, layout name: LD701, plotted by: Ptaschke, Adelle, file location: \\spire\media\data\310171\landscapes\ACAD\plan date: 27/04/2023 10:46 AM, Sheet 3 of 5 Sheets



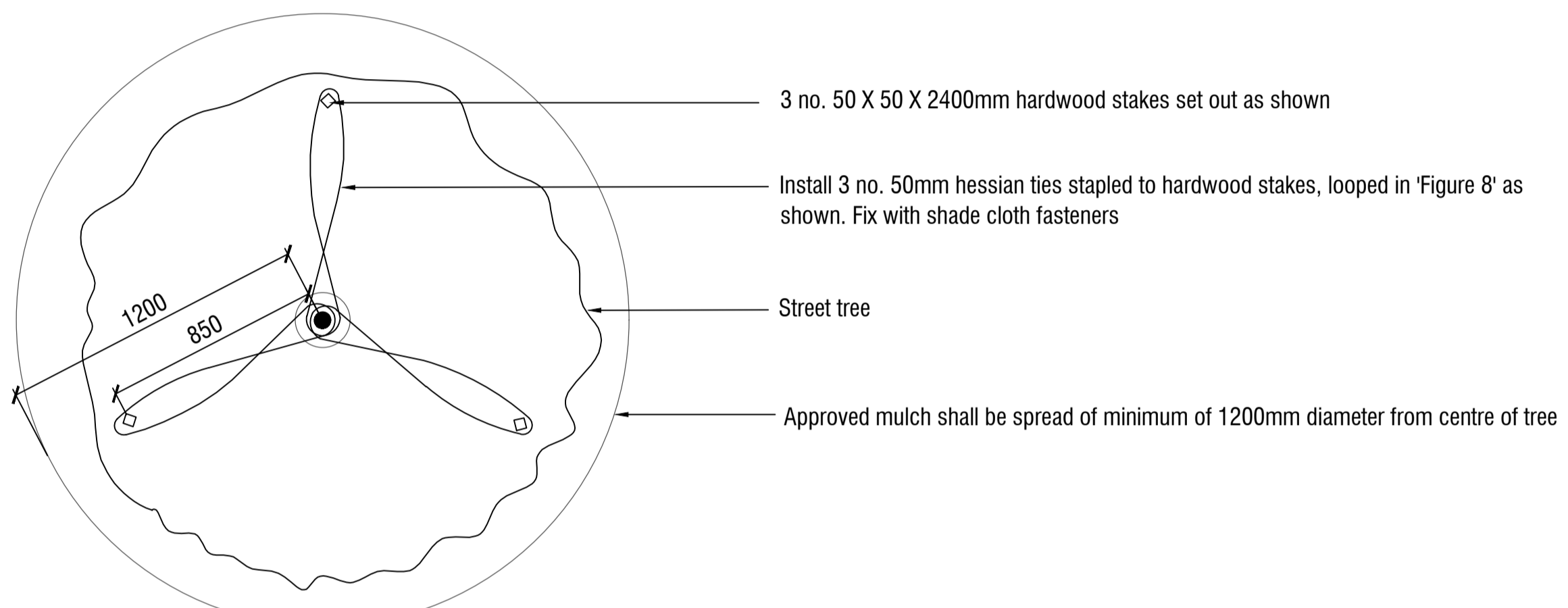
Tree watering (1): immediately after planting, tree shall be watered thoroughly regardless of weather conditions, quantity of water will be adequate to saturate the root ball to its core

Tree watering (2): post planting, provide a minimum of 15 litres of water (for tree in 45 litre pot) to the newly planted tree per 7 days. Water at a slow rate so as not to displace mulch. For trees in pot size larger than 45 litres, provide quantity of water one third of that pot size.

- All trees to be healthy specimens free of pests and diseases. Trees to be well watered a maximum of 24hours prior to planting.
- 3 no. 50x50x2400mm hardwood stakes set vertically and clear of rootball and minimum 800mm into ground. Paint all exposed surfaces of stakes with matte black paint. Stakes are to be offset from the nearest underground service a minimum of 200mm to ensure no damage is caused to underground service
- 3 no. 50mm wide hessian ties loosely wrapped around trunk at 1/3 tree height and shade cloth fasteners to stakes allowing some trunk movement; refer to plan detail above.
- Create dish to keep mulch clear of tree trunk. Top of root ball flush with finished level of planting hole.
- 75mm high berm to form a watering basin
- 75mm depth of approved aged wood mulch. Mulch shall be spread a minimum of 1200mm diameter from centre of tree and beyond of the planting hole overlapping undisturbed soil
- Excavate a shallow planting hole with sloping sides 3 times the width of the root ball and break-up sides and base, reform base. Depth of planting hole no deeper than the height of the root ball. Backfill with 50/50 blend imported topsoil/site topsoil broken up to friable texture, firming progressively.
- Slow release fertiliser (for exotic species only)
- Water retaining products to be mixed into backfilled soil as per manufacturers specifications.
- Existing subgrade
- Compact soil under rootball to prevent settling

NOTE: it is the responsibility of the contractor to confirm the location of all underground services prior to commencement of any excavation works, tree planting, specifications, street tree offsets / clearance, hold points, species substitution, tree staking and tree maintenance to be undertaken in accordance with City of Whittlesea minimum landscape maintenance specification of services and works May 2010.

1 SEMI-ADVANCED TREE PLANTING DETAIL
Scale 1:20 @ A1

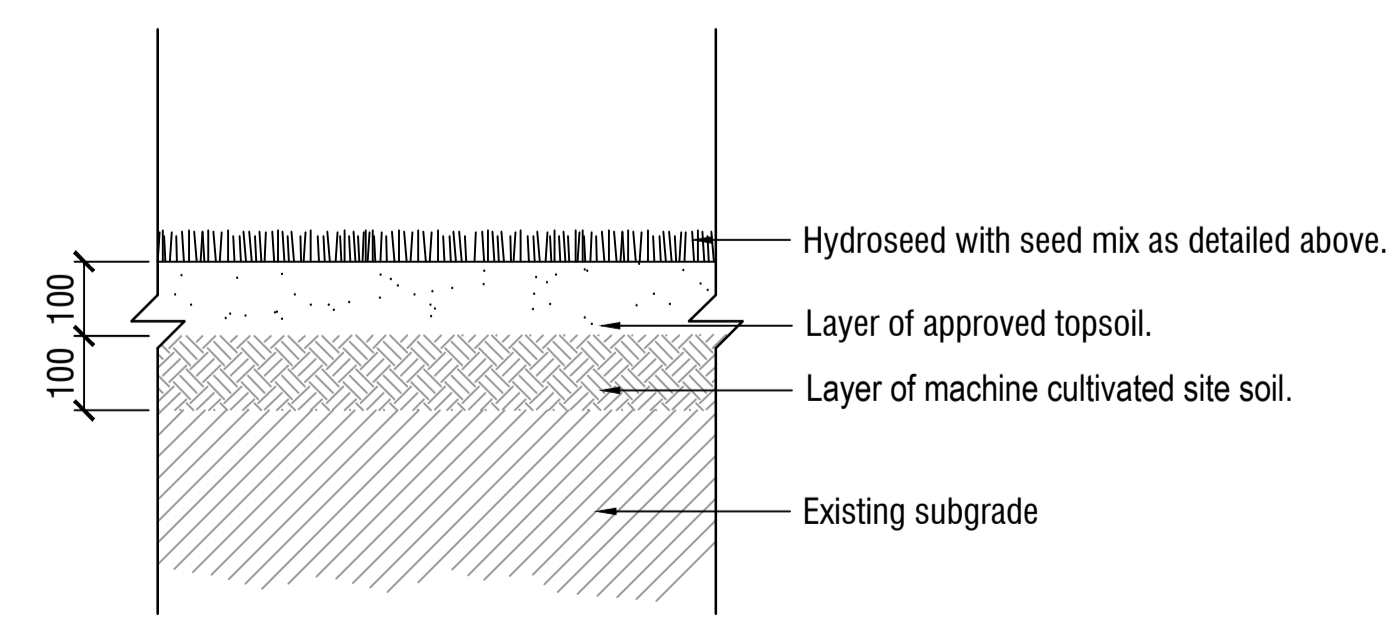


2 TREE TIE DETAIL
Scale 1:20 @ A1

- NOTES
- Existing pasture grass and/or weeds are to be sprayed with herbicide.
 - No machinery to be used within the drip line of existing trees.
 - Topsoil to be raked to a fine tilth, removal of all surface rocks, large lumps of clay, weeds and rubbish prior to application of seed to all areas as shown.
 - New grassed areas to be protected from trespass and traffic with star pickets and barrier rope until grass is established.

SEED MIX 1 : 70% Kikuyu 15% Tall Fescue 15% Perennial Rye	SEED MIX 2: 40% Sterile Rye Grass 30% Microleana stipoides 7.5% Rytidosperma duttonianum 7.5% Rytidosperma ceasptosum 7.5% Rytidosperma setaceum 7.5% Rytidosperma penicillatum
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3 HYDROSEED GRASS DETAIL
Scale 1:10 @ A1

NOTES



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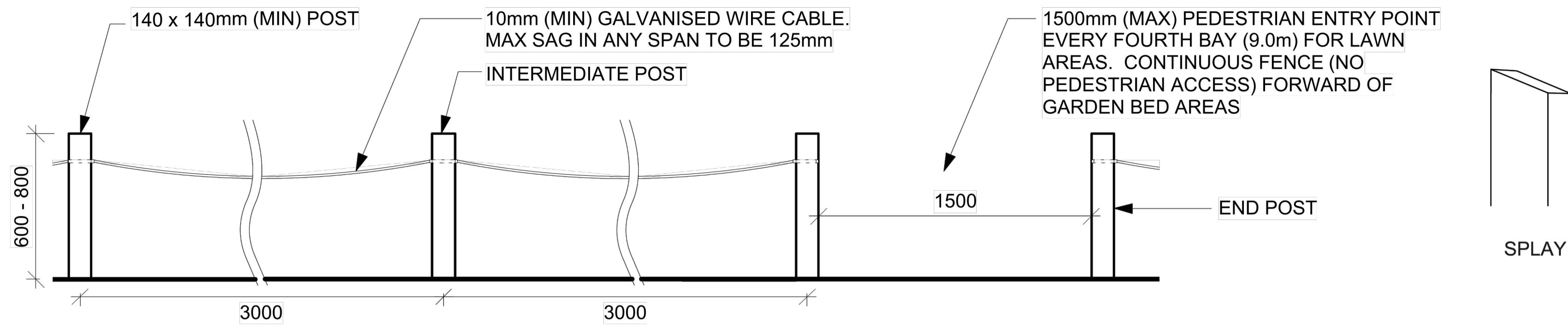
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**RATHDOWNE ESTATE
STAGE 20 - STREETSCAPES**

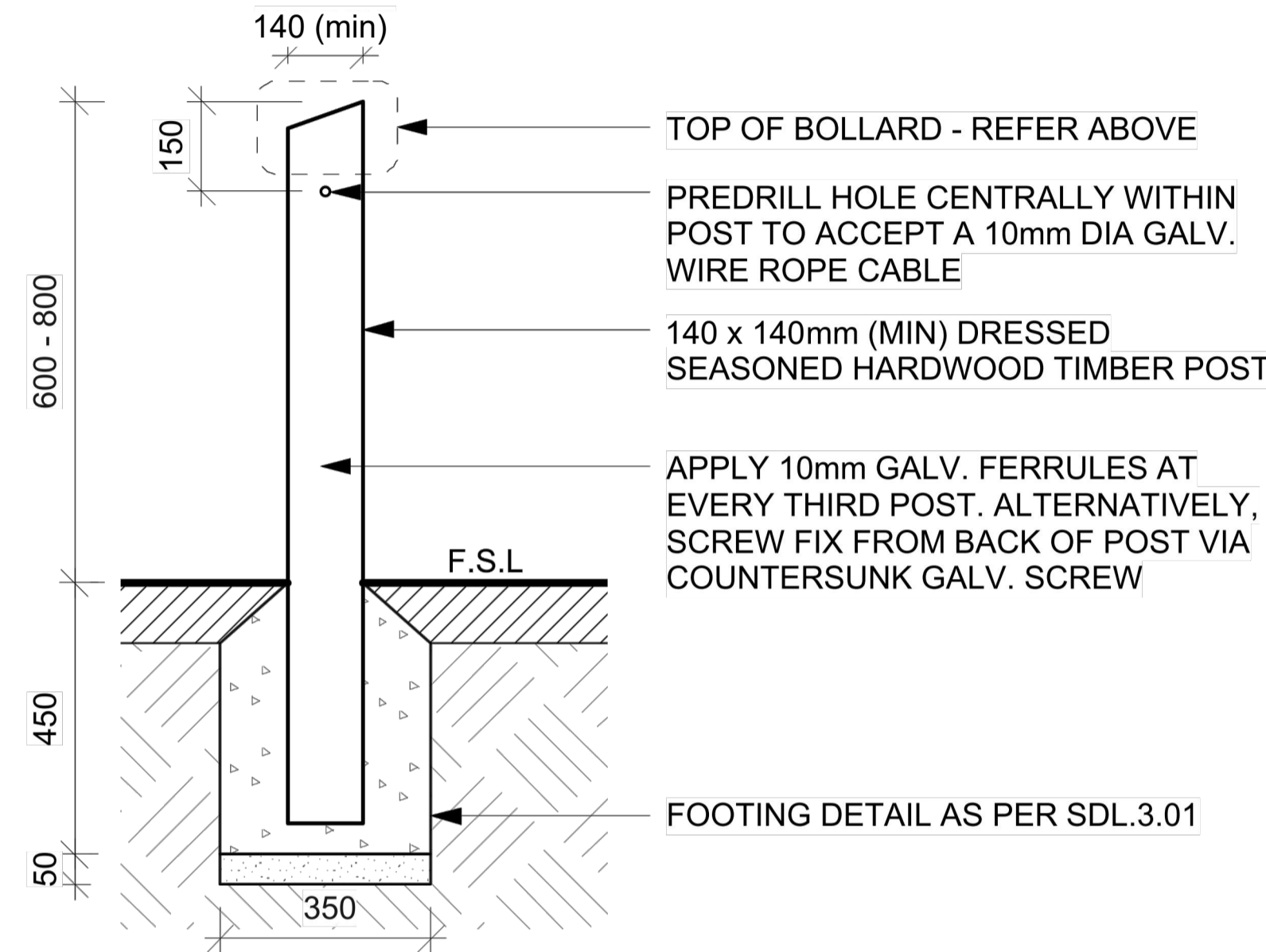
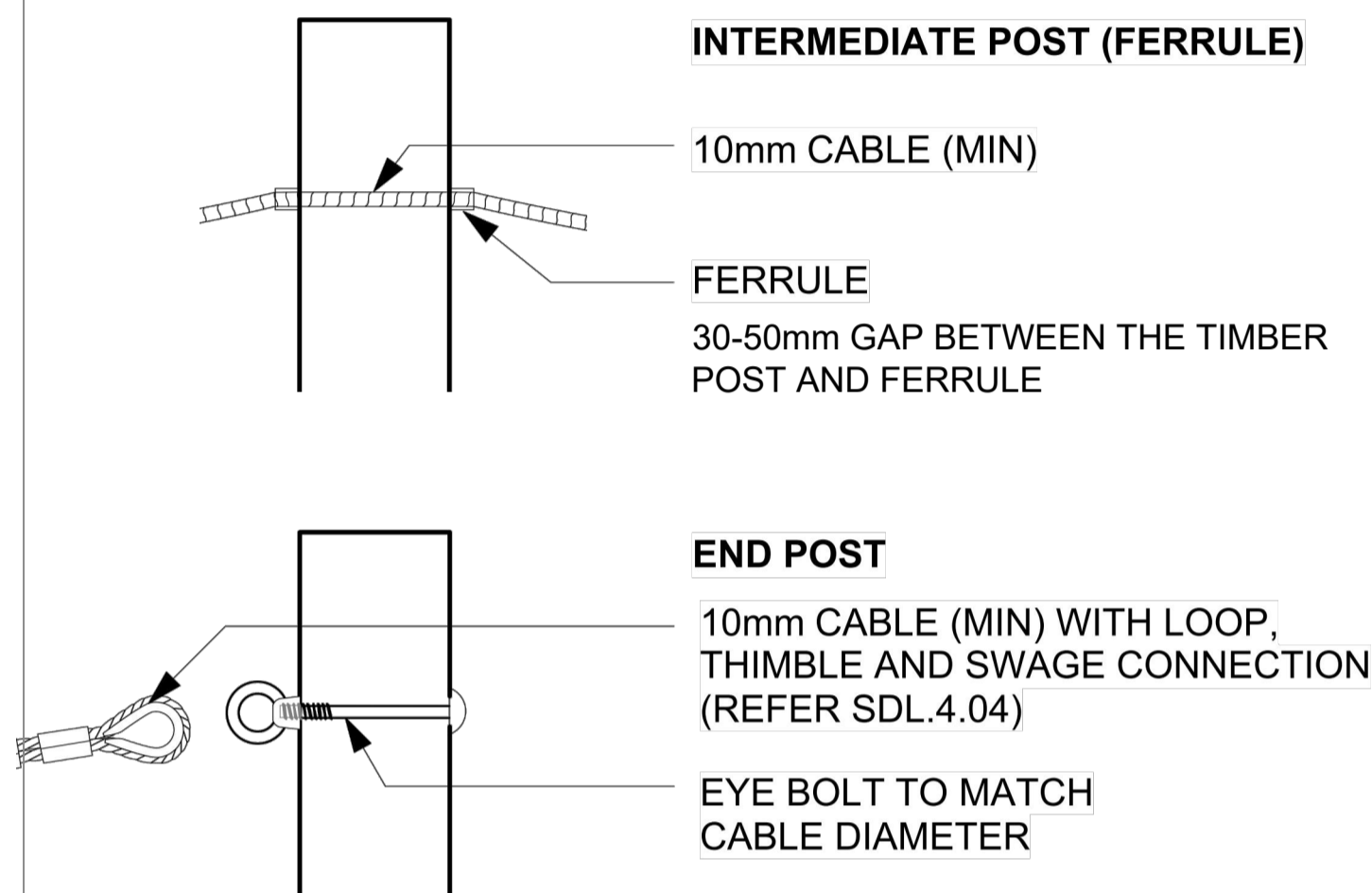
DETAILED DESIGN
DETAILS - SHEET 1
SHEET 4 OF 5
CITY OF WHITTLESEA
VILLAWOOD

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DATE	DRG NO.	REV	
30-01-2023	310171LD900	C	



ELEVATION - TIMBER POST AND CABLE FENCE SPACING

Scale 1:20 @ A1

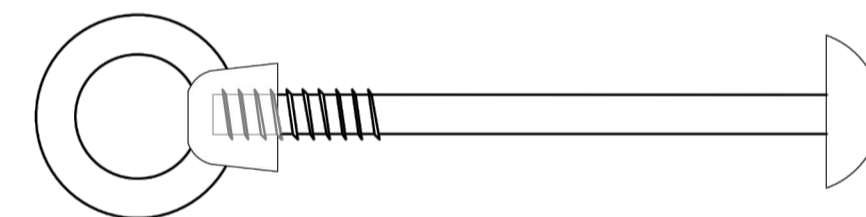


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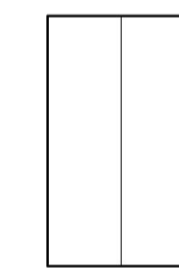
1. As a minimum, posts should be 140mm X 140mm in width, (400mm below ground and 600mm above ground).
2. As a minimum, posts must be dressed Cyprus Pine, with a Natural Durability Class of 2 or better. All timber must be straight, clean and free of defects with 3 coats of Cutek clear oil.
3. Concrete footings shall be nominally 350mm X 350mm in width and 450mm in height. Concrete footings must be 25MPa as a minimum and include a gentle splay (MIN 30 degrees) away from the upright.
4. Footings for larger bollards to be reviewed on a case by case basis.
5. Bollards must be painted or stained with reapplication every 18 months or as required.
6. Maximum spacing between posts is 3000mm.
7. All steel components (including fasteners, fixings and cables) shall be hot dip galvanised.
8. 10mm galvanised wire cable minimum (7 strand - 7 wire).



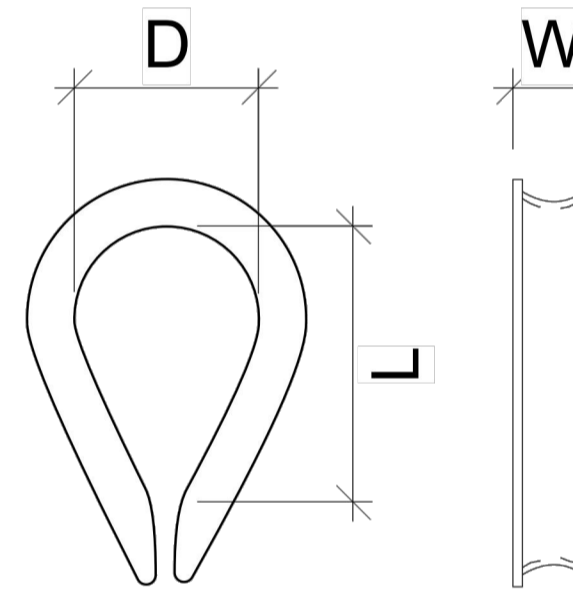
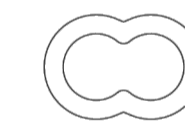
AS A MINIMUM ALL CABLE SHALL BE 10mm IN DIAMETER AND BE GALVANISED. THE WIRE STRAND AND CABLE COUNT SHALL BE CONFIRMED AS A FUNCTION OF THE DETAILED DESIGN.



EYE RIGGING BOLT SHALL BE GALVANISED AND OF A SIZE COMPATIBLE WITH THE CABLE AND THIMBLE CONNECTION.



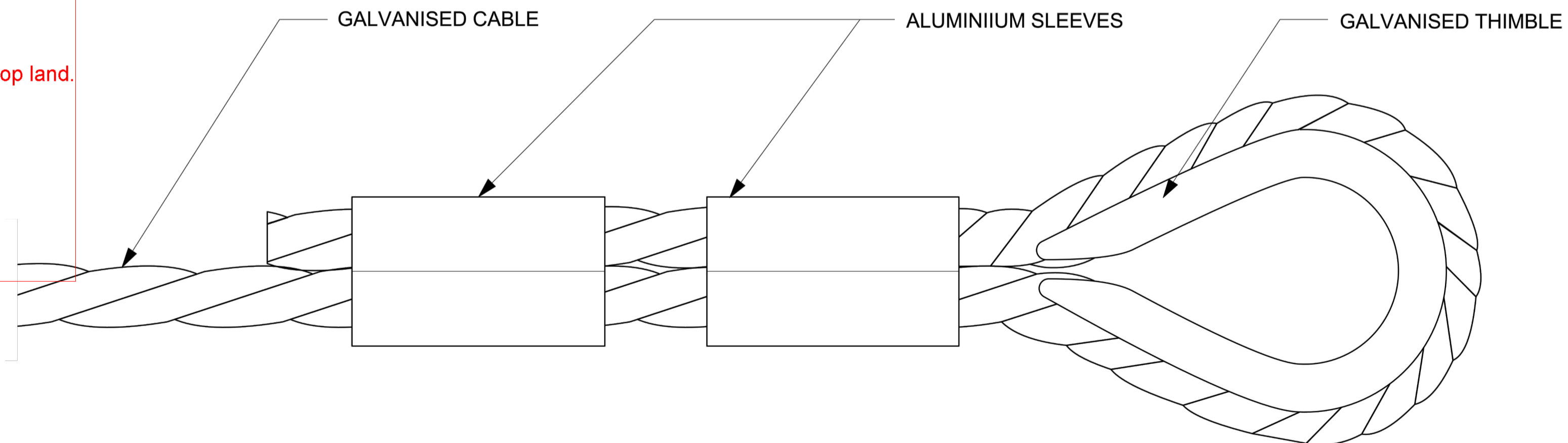
ALUMINIUM SLEEVE



GALVANISED THIMBLE

ALUMINIUM SLEEVE TO BE SECURELY PRESSED TO CABLE. THIMBLE TO BE GALVANISED.

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FORM A LOOP WITH THE CABLE USING THE THIMBLE AS THE GUIDE AND PRESS THE SLEEVE OVER BOTH PARTS OF THE ROPE. THE STRENGTH OF THE CONNECTION DEPENDS ENTIRELY ON THE INTEGRITY OF THE PRESSED SLEEVE. REFER TO TABLE FOR THE SIZE OF THE LOOP AS A RESULT OF THE CABLE USED.

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**RATHDOWNE ESTATE
 STAGE 20 - STREETSCAPES**

DETAILED DESIGN

DETAILS - SHEET 2

SHEET 5 OF 5

CITY OF WHITTLESEA

VILLAWOOD

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DATE	DRG NO.	REV	
30-01-2023	310171LD901	C	