

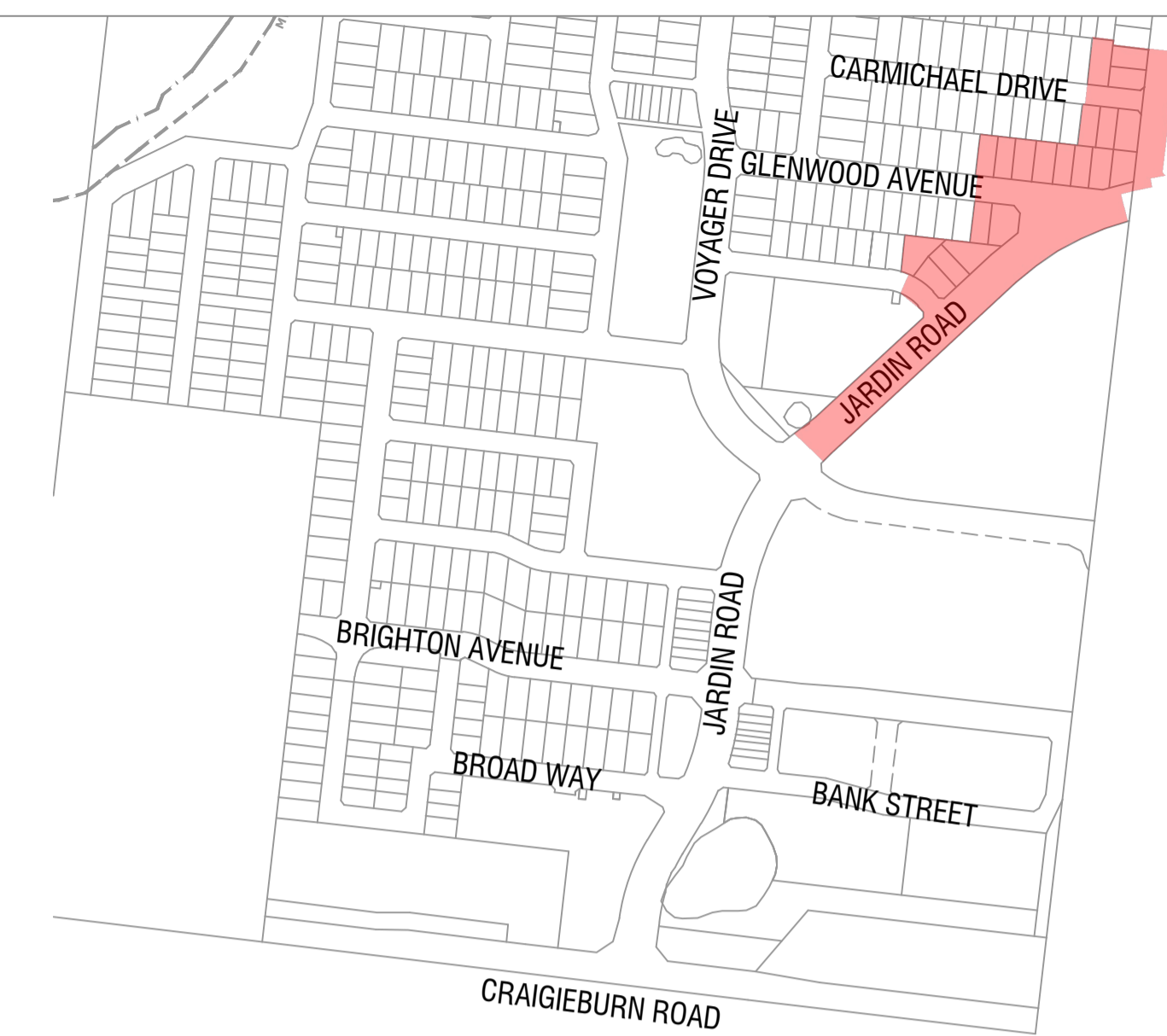
RATHDOWNNE ESTATE

STREETSCAPES STAGE 7

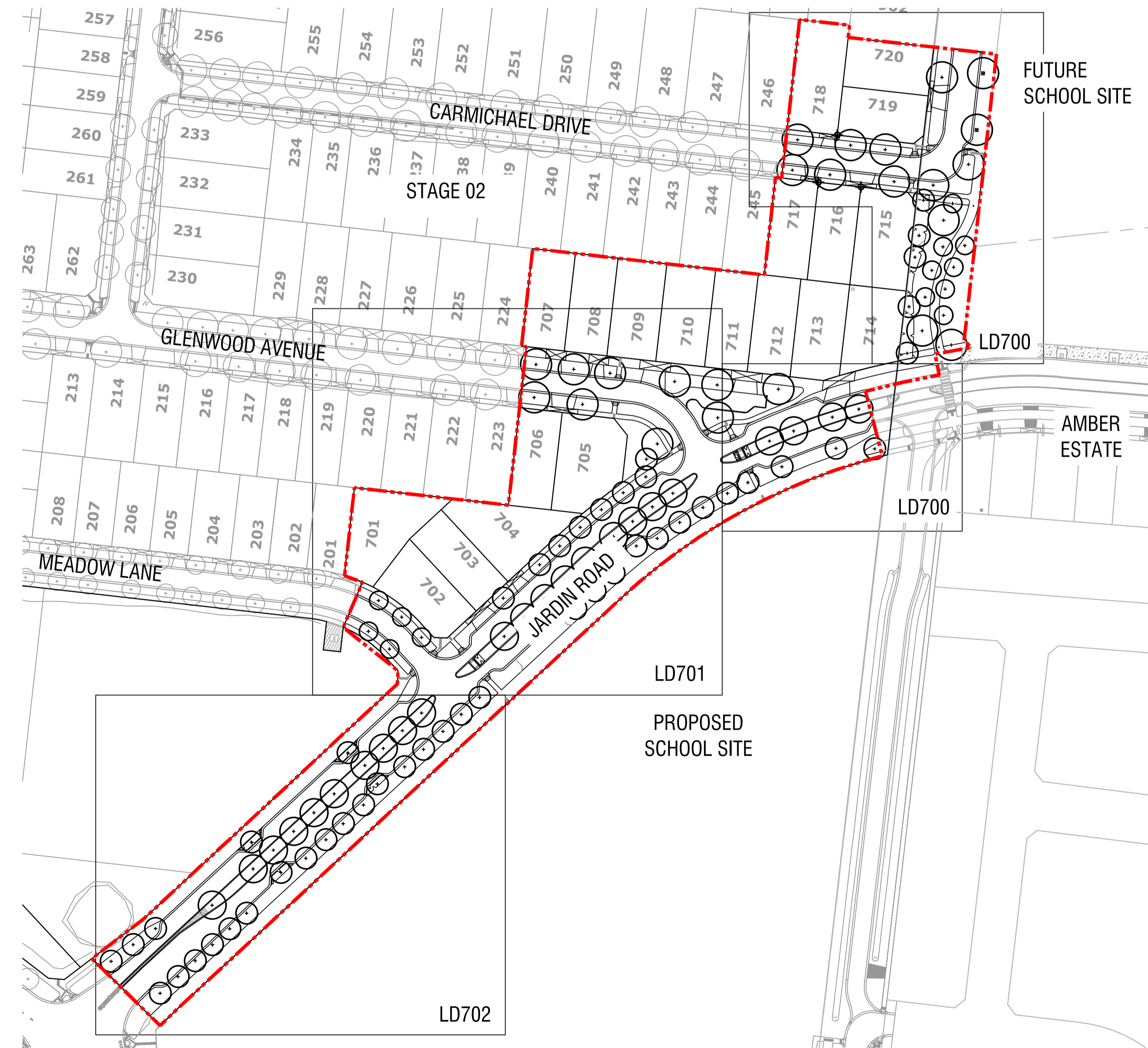
PROJECT NUMBER: 307767
 LANDSCAPE ARCHITECTURE DRAWINGS
 FOR VILLAWOOD

DRAWING SCHEDULE

DRAWING NO.	DESCRIPTION	SHEET NO.	REVISION
LD100	COVER - SHEET 1	1	D
LD200	SCHEDULES - SHEET 1	2	D
LD700	PLANTING PLANS - SHEET 1	3	D
LD701	PLANTING PLANS - SHEET 2	4	D
LD702	PLANTING PLANS - SHEET 3	5	D
LD900	DETAILS - SHEET 1	6	D
LD901	DETAILS - SHEET 2	7	D
LD902	DETAILS - SHEET 3	8	D



2 SITE LOCATION
 Scale 1:5000 @ A1



1 EXTENT OF WORKS PLAN
 Scale 1:1000 @ A1

PLANNING AND 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 8
 Date Permit issued: 4 August 2017
 Date: 25/06/2021
 Town Planner

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.
- 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 - 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 - 4.0m
 - Service assets, incl. junction boxes, pits etc - 2.0m
 - 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

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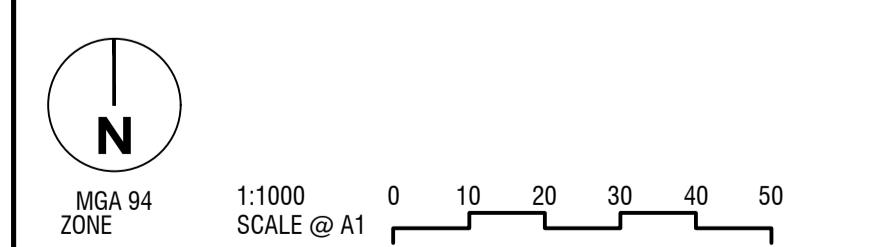
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PRELIMINARY

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C	ISSUED TO COUNCIL	MS	06/05/21
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A	ISSUED TO CLIENT	MS	23/04/21
REV	DESCRIPTION	APP	DATE

RATHDOWNNE ESTATE STREETSCAPES STAGE 7

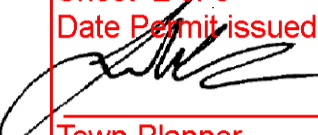
DETAILED DESIGN
 COVER - SHEET 1
 SHEET 1 OF 8
 CITY OF WHITTLESEA
 VILLAWOOD



DESIGNED	DRAWN	CHECKED	APPROVED
PA	PA	ML	MS
DATE		DRG NO.	REV
05-02-2021		307767LD100	D

NOTES

PLANTING SCHEDULE						
TREES						
CODE	BOTANICAL NAME	COMMON NAME	QTY	DENSITY	INSTALL SIZE	MATURE SIZE (h x w)
Am	<i>Acacia melanoxylon</i>	Blackwood	5	as shown	45L POT	13 x 7
Ba	<i>Brachychiton populneus x acerifolius 'Jerilderie Red'</i>	Jerilderie Red Brachychiton	5	as shown	45L POT	8 x 6
Bp	<i>Brachychiton populneus</i>	Kurrajong Tree	42	as shown	45L POT	10-12 x 7-8
Em	<i>Eucalyptus melliodora</i>	Yellow Box	3	as shown	45L POT	15 x 10
Lc	<i>Lophostemon confertus</i>	Queensland Brushbox	11	as shown	45L POT	15 x 10
Pc	<i>Pistacia chinensis</i>	Chinese Pistacio	8	as shown	45L POT	8 x 6
Po	<i>Plantanus orientalis 'Digitata'</i>	Oriental Plane	23	as shown	45L POT	12 x 9
Up	<i>Ulmus parvifolia</i>	Chinese Elm	10	as shown	45L POT	13 x 10
Total			107			

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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

GARDEN BED PLANTING MIX 1							
Installed size: 150mm pots					Location	G1a	G1b
					Area m ²	77	65
BOTANICAL NAME	COMMON NAME	Species Density m ²	% Distribution Species	Total No. of Plants			
<i>Callistemon pearsonii 'Rocky Rambler'</i>	Callistemon Rocky Rambler	3	50	213	116	98	
<i>Dianella caerulea 'Little Jess'</i>	Little Jess Paroo lily	4	50	284	154	130	
Total				100	497		

GARDEN BED PLANTING MIX 2						
Installed size: 150mm pots					Location	G2a
					Area m ²	65
BOTANICAL NAME	COMMON NAME	Species Density m ²	% Distribution Species	Total No. of Plants		
<i>Correa pulchella 'Autumn Blaze'</i>	Autumn Blaze Correa	3	50	98	98	
<i>Goodenia ovata 'Gold Cover'</i>	Groundcover Goodenia	3	50	98	98	
Total				100	196	

GARDEN BED PLANTING MIX 3									
Installed size: 150mm pots					Location	G3a	G3b	G3c	G3d
					Area m ²	19	19	19	20
BOTANICAL NAME	COMMON NAME	Species Density m ²	% Distribution Species	Total No. of Plants					
<i>Goodenia ovata 'Gold Cover'</i>	Groundcover Goodenia	3	50	117	29	29	29	30	
<i>Phormium 'Yellow Wave'</i>	Yellow Wave New Zealand Flax	1	50	40	10	10	10	10	
Total				100	157				

PLANTING SCHEDULE					
SHRUBS AND GROUNDCOVERS					
CODE	BOTANICAL NAME	COMMON NAME	QTY	DENSITY	INSTALL SIZE
Dc	<i>Dianella caerulea 'Little Jess'</i>	Little Jess Paroo lily	76	4/m ²	150mm pot
Total			76		

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RATHDOWNE ESTATE
 STREETSCAPES STAGE 7

DETAILED DESIGN

SCHEDULES - SHEET 1


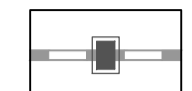



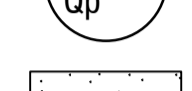
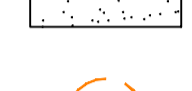


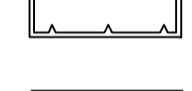
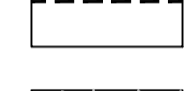


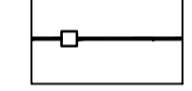
SHEET 2 OF 8


CITY OF WHITTLESEA

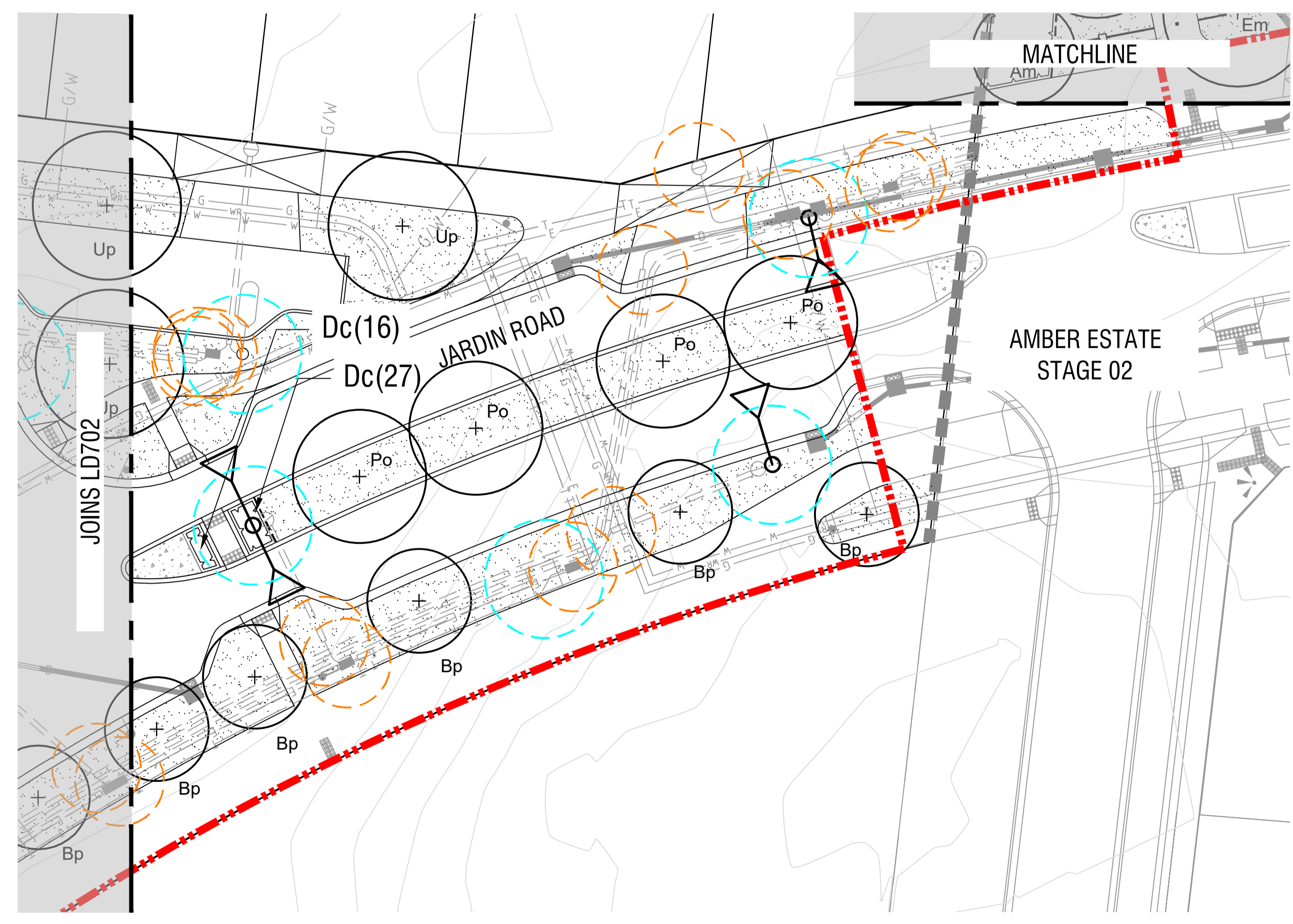
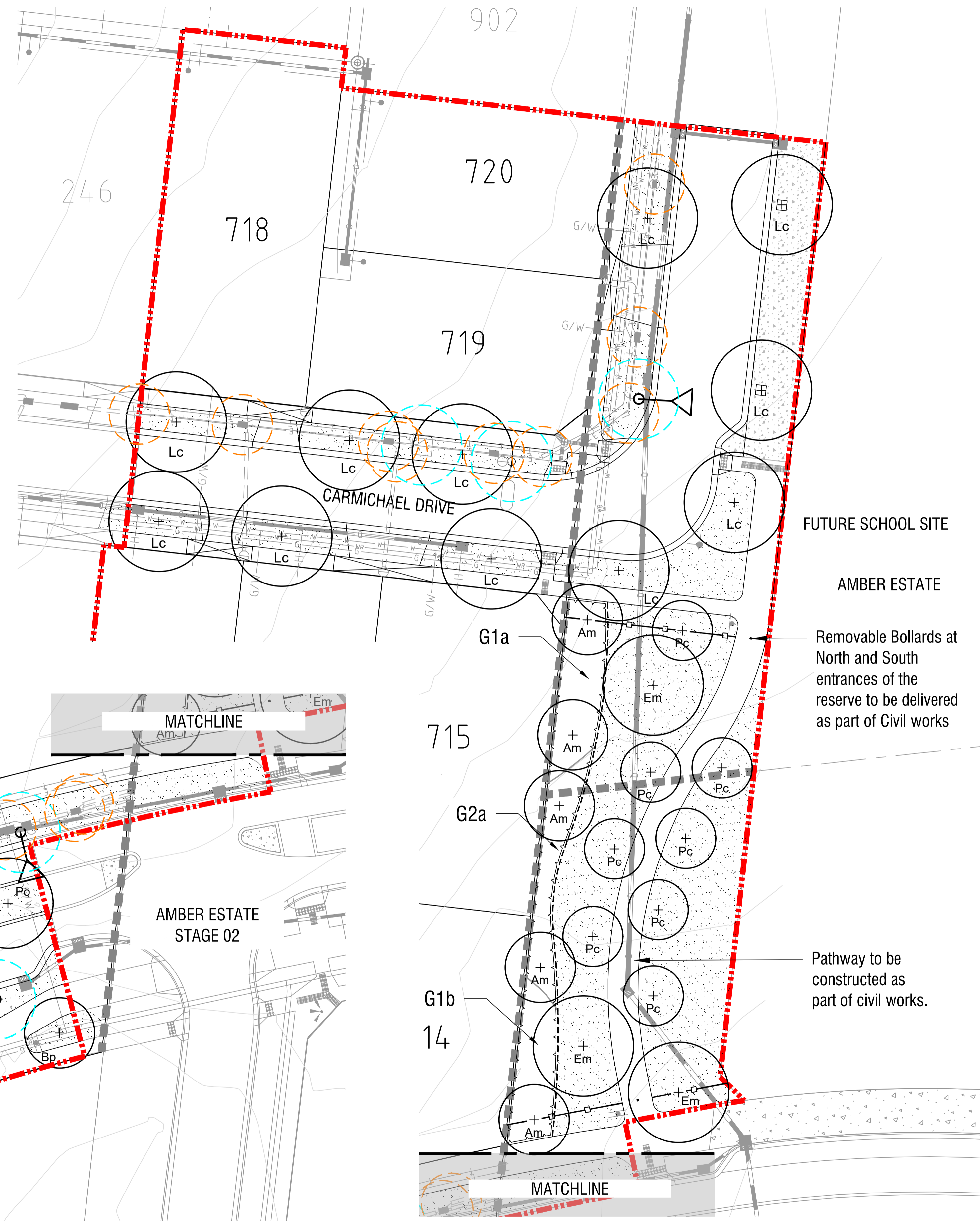
VILLAWOOD

DESIGNED	DRAWN	CHECKED	APPROVED
PA	PA	ML	MS
DATE	DRG NO.	REV	
05-02-2021	307767LD200	D	

LEGEND

-  EXTENT OF WORKS
-  STORMWATER
refer Civil
-  CONDUITS / SERVICES
refer Civil
-  STREET LIGHTS
Refer Power
-  STREET TREE
Refer Schedules, Details and Specification
-  GRASS
Refer Details and Specification
-  3M ELECTRICAL JOINT AND
CONDUIT END OFFSET
-  4M LIGHT POLE AND
PARALLELING PILLAR OFFSET
-  GARDEN BED
Refer Schedules, Details and Specification
-  SPADE EDGE
-  CONCRETE SURFACE
Refer Civil
-  STRUCTURAL SOIL TREE PIT IN
CONCRETE SURFACE
Refer Schedules, Details and Specification
-  VEHICLE EXCLUSION FENCE
Refer Schedules, Details and Specification
-  EXISTING DRYSTONE WALL TO BE REMOVED
Refer Notes

PLANNING AND ENVIRONMENT ACT
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NOTES

DRY STONE WALL: Existing Drystone wall to be removed and stockpiled by Civil in Stage 19 Landscape Value area.

Stones to be used to reconstruct walls in front of medium density lots in future Stage 09 by Villawood, and Stages 13 & 14 by Amber. refer Civil for further information.

FUTURE SCHOOL SITE

AMBER ESTATE

Removable Bollards at North and South entrances of the reserve to be delivered as part of Civil works

Pathway to be constructed as part of civil works.

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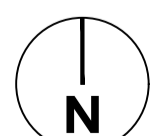
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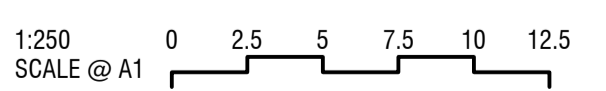
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**RATHDOWNE ESTATE
 STREETSCAPES STAGE 7**

DETAILED DESIGN
 PLANTING PLANS - SHEET 1
 SHEET 3 OF 8
 CITY OF WHITTLESEA
 VILLAWOOD


 MGA 94 ZONE


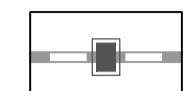



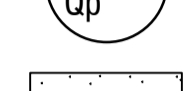
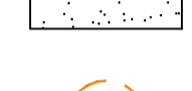


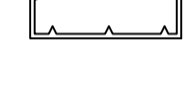
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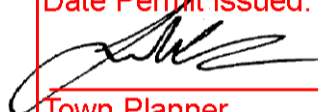
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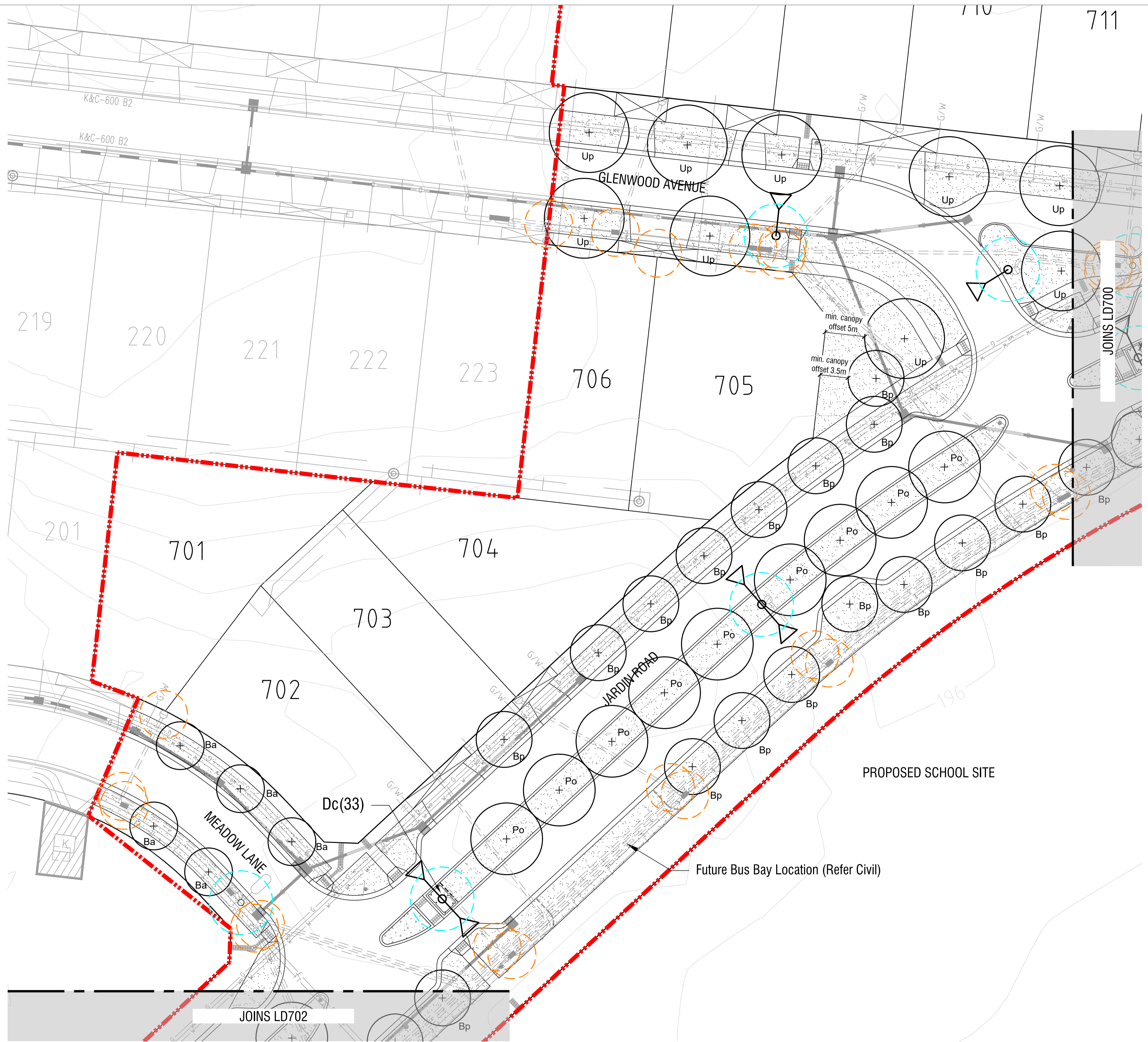
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LEGEND

-  EXTENT OF WORKS
-  STORMWATER
refer Civil
-  CONDUITS / SERVICES
refer Civil
-  STREET LIGHTS
Refer Power
-  STREET TREE
Refer Schedules, Details and Specification
-  GRASS
Refer Details and Specification
-  3M ELECTRICAL JOINT AND
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-  GARDEN BED
Refer Schedules, Details and Specification
-  SPADE EDGE

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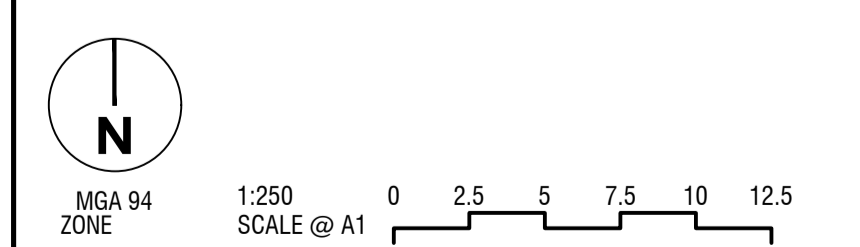
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**RATHDOWNE ESTATE
 STREETSCAPES STAGE 7**

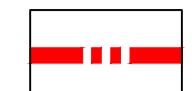
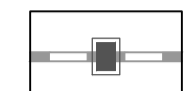

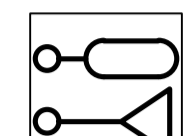
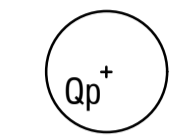



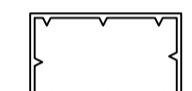
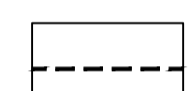
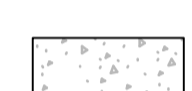
DETAILED DESIGN
 PLANTING PLANS - SHEET 2
 SHEET 4 OF 8
 CITY OF WHITTLESEA
 VILLAWOOD




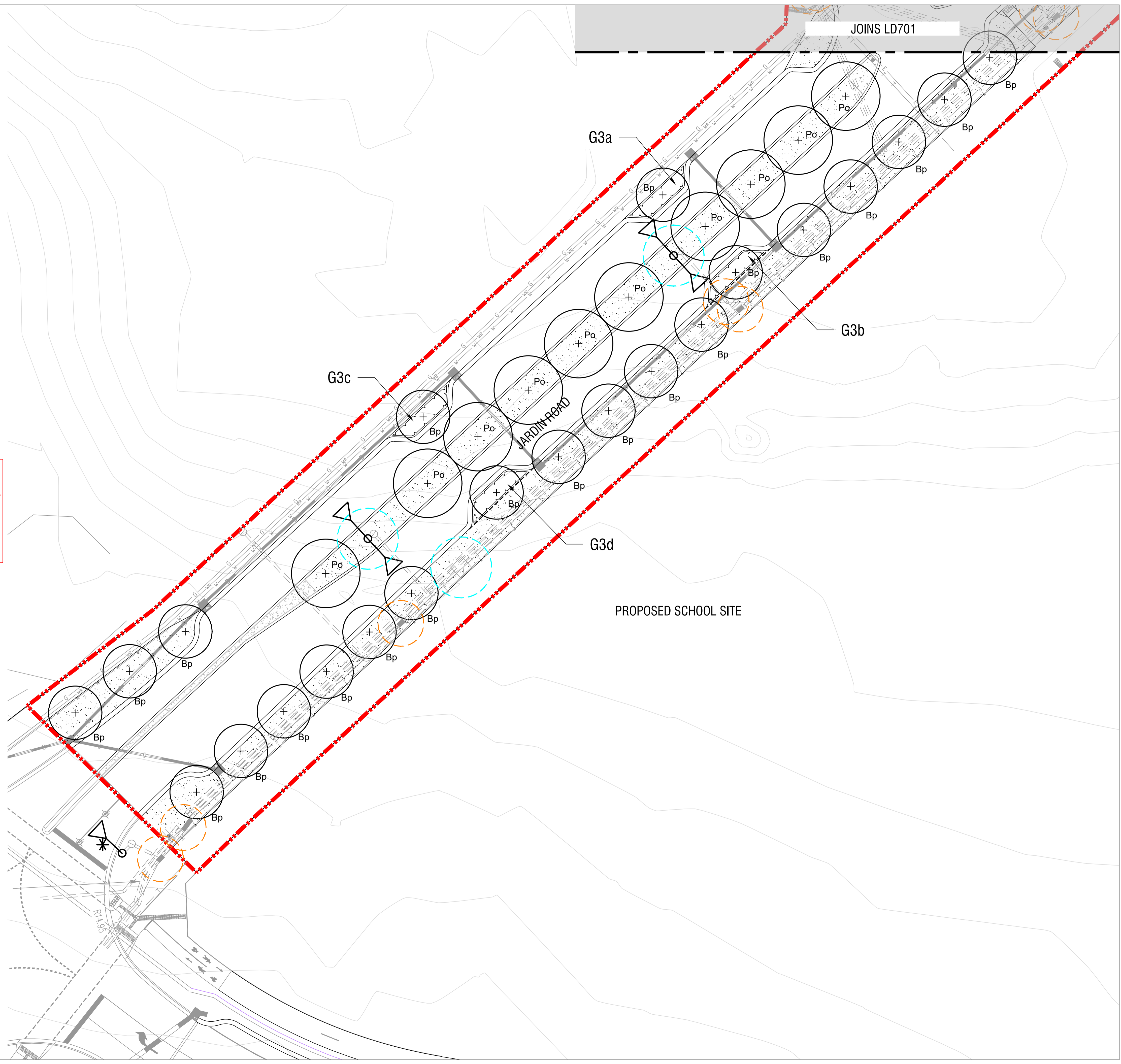
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LEGEND

-  EXTENT OF WORKS
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refer Civil
-  CONDUITS / SERVICES
refer Civil
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Refer Power
-  STREET TREE
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Sheet 5 of 8
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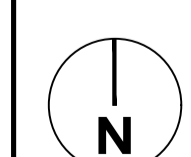
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**RATHDOWNE ESTATE
STREETSCAPES STAGE 7**

DETAILED DESIGN
PLANTING PLANS - SHEET 3
SHEET 5 OF 8
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	DRG NO.	REV	
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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

200mm 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, refirm 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.

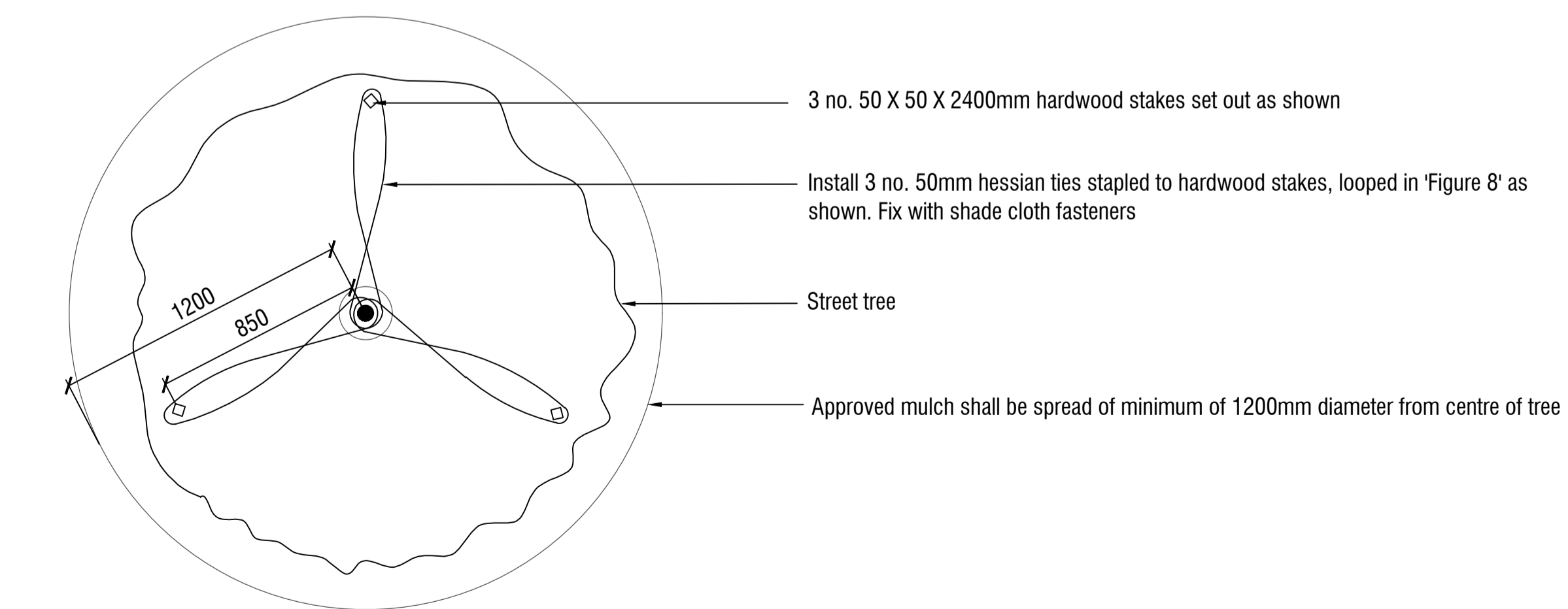
Existing subgrade

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.

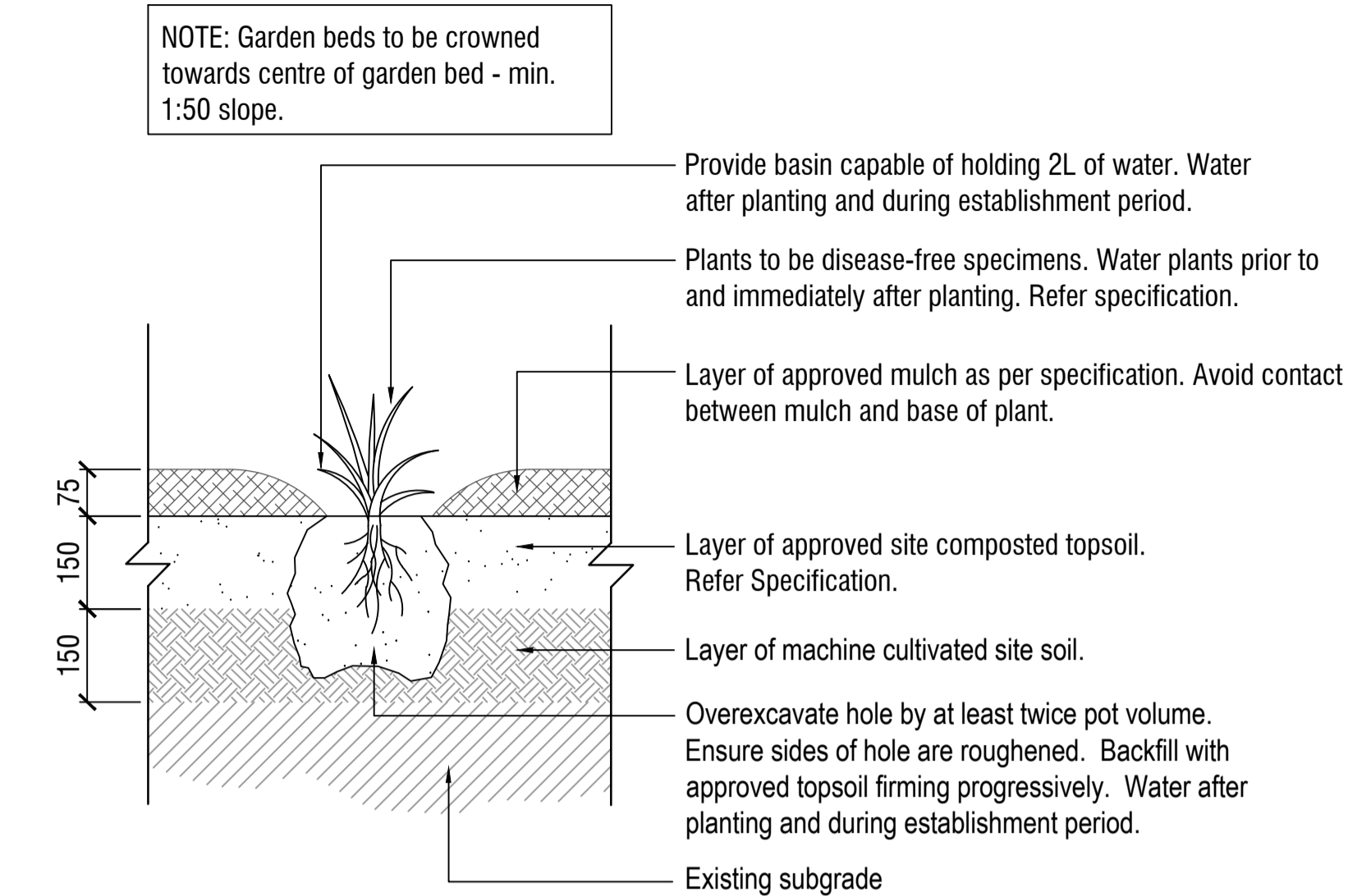
1 SEMI ADVANCED TREE PLANTING DETAIL

Scale 1:20 @ A1



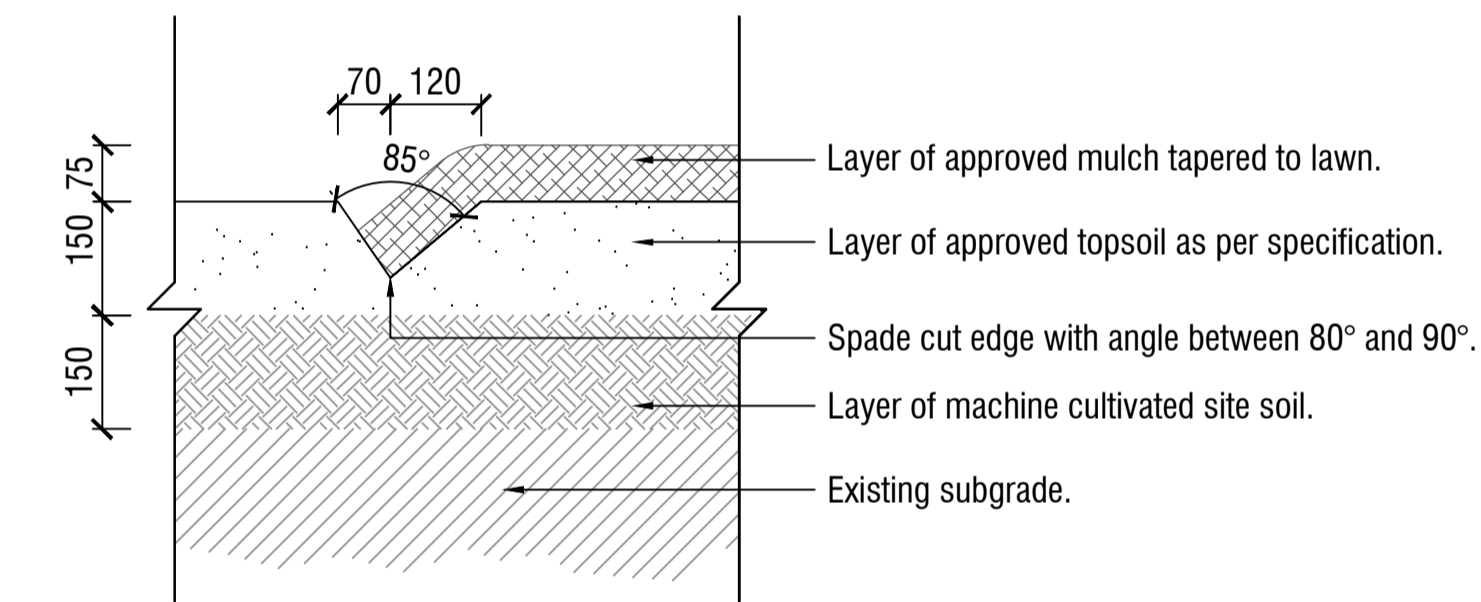
2 TREE TIE DETAIL

Scale 1:20 @ A1



3 SHRUB PLANTING DETAIL

Scale 1:10 @ A1



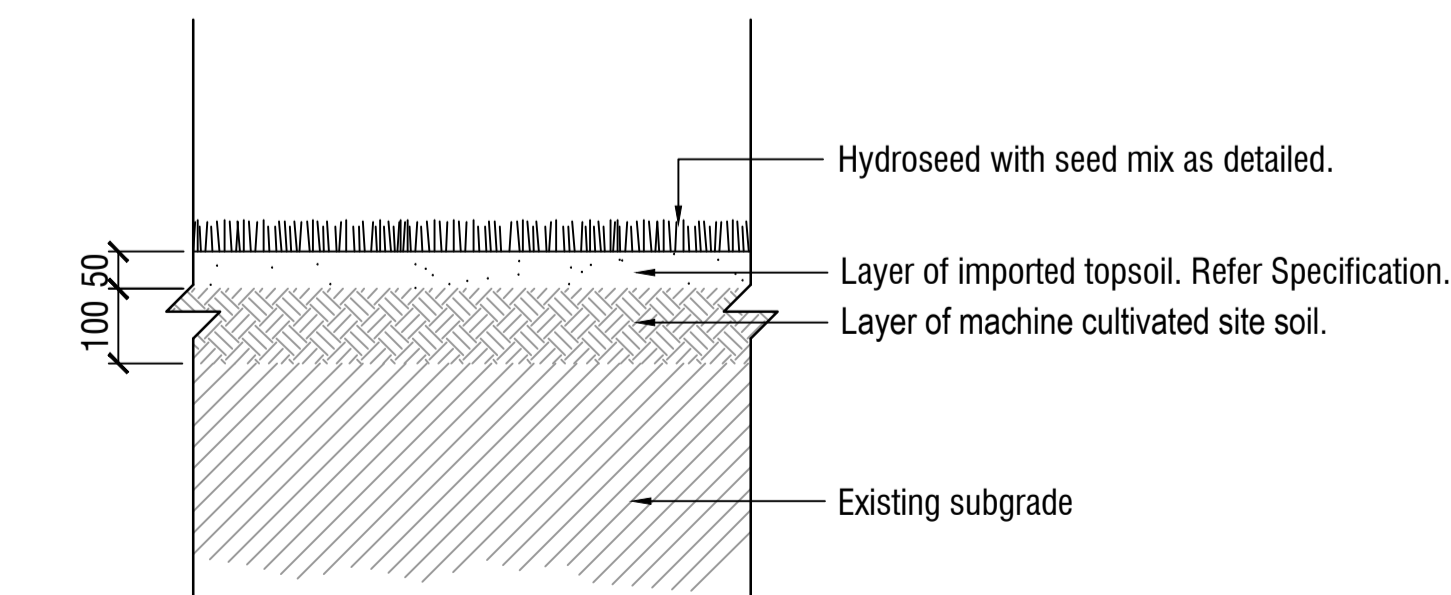
4 SPADE EDGE DETAIL

Scale 1:10 @ A1

SEED MIX :
 15% Kikuyu
 70% Tall Fescue
 15% Perennial Rye

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.



5 HYDROSEEDING GRASS DETAIL

Scale 1:10 @ A1

NOTES

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PRELIMINARY

REV	DESCRIPTION	APP	DATE
D	ISSUED TO COUNCIL	MS	10/06/21
C	ISSUED TO COUNCIL	MS	06/05/21
B	ISSUED TO CLIENT	MS	30/04/21
A	ISSUED TO CLIENT	MS	23/04/21

**RATHDOWNE ESTATE
 STREETSCAPES STAGE 7**

DETAILED DESIGN

DETAILS - SHEET 1

SHEET 6 OF 8

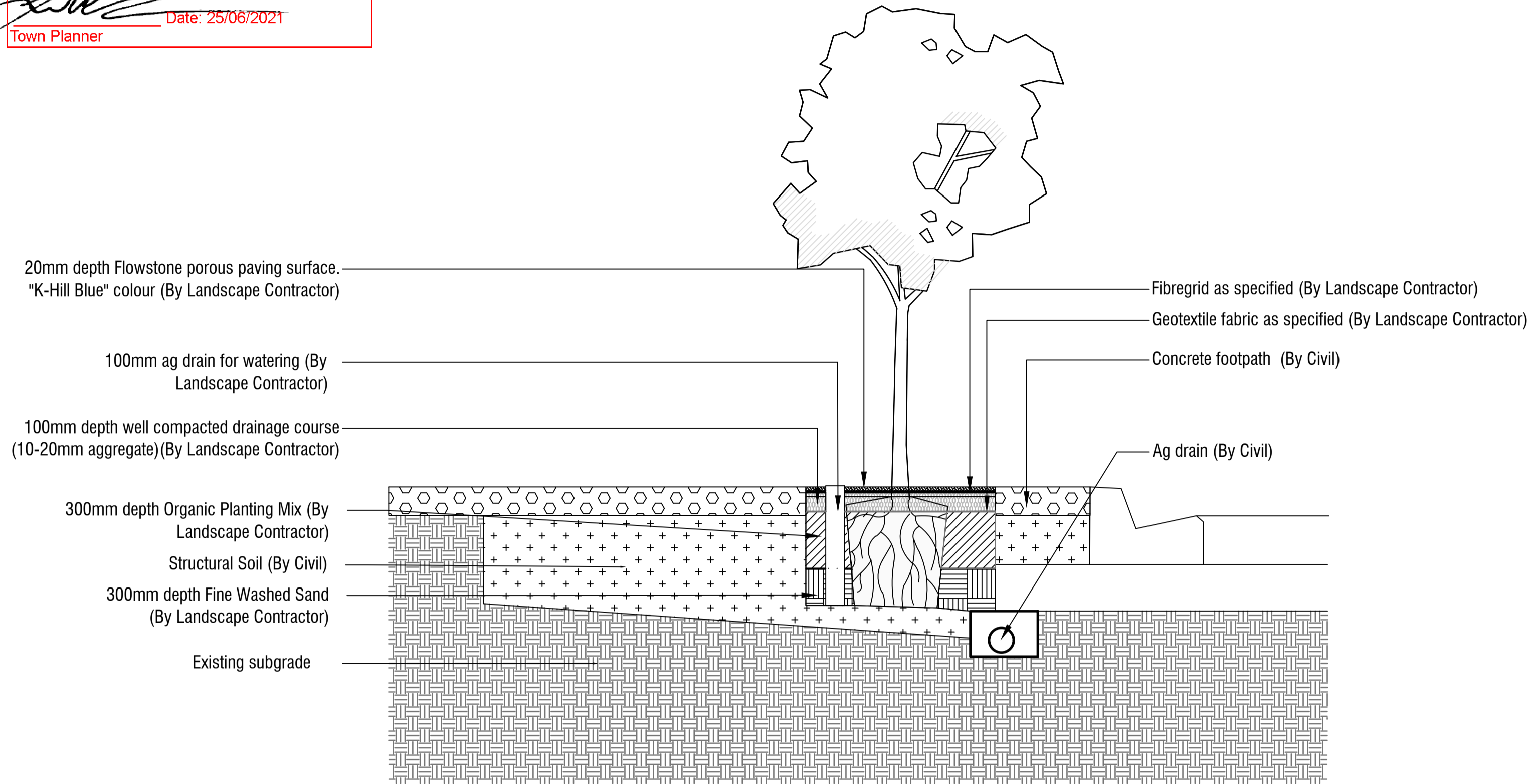
CITY OF WHITTLESEA

VILLAWOOD

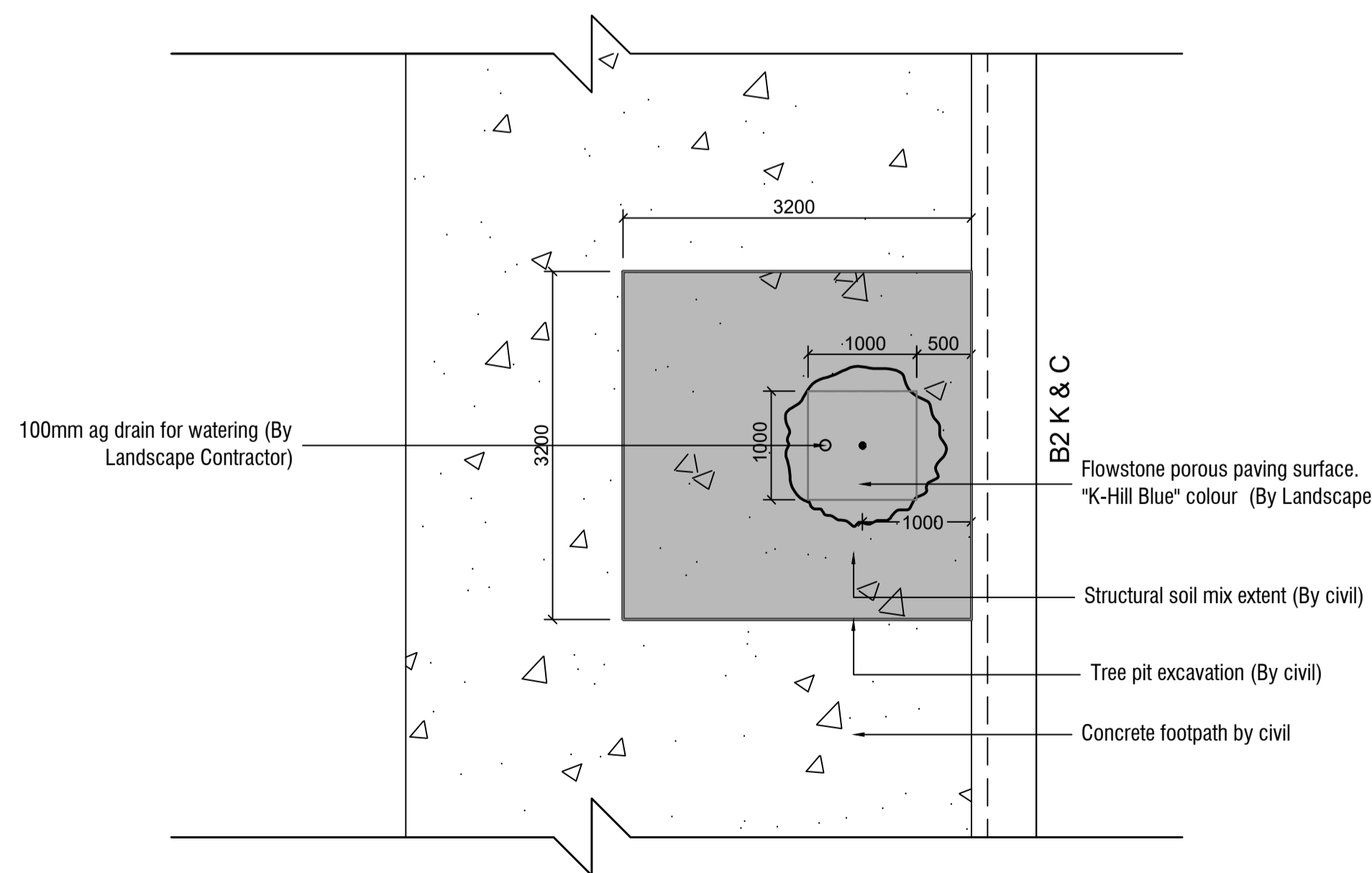
AS SHOWN

DESIGNED	DRAWN	CHECKED	APPROVED
PA	PA	ML	MS
DATE	DRG NO.	REV	
05-02-2021	307767LD900	D	

PLANNING AND 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 7 of 8
 Date Permit issued: 4 August 2017
 Date: 25/06/2021
 Town Planner



1 **STRUCTURAL SOIL TREE PIT DETAIL**
 NOT TO SCALE



2 **STRUCTURAL SOIL TREE PIT PLAN DETAIL**
 Scale 1:50 @ A1

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**RATHDOWNE ESTATE
 STREETSCAPES STAGE 7**

DETAILED DESIGN

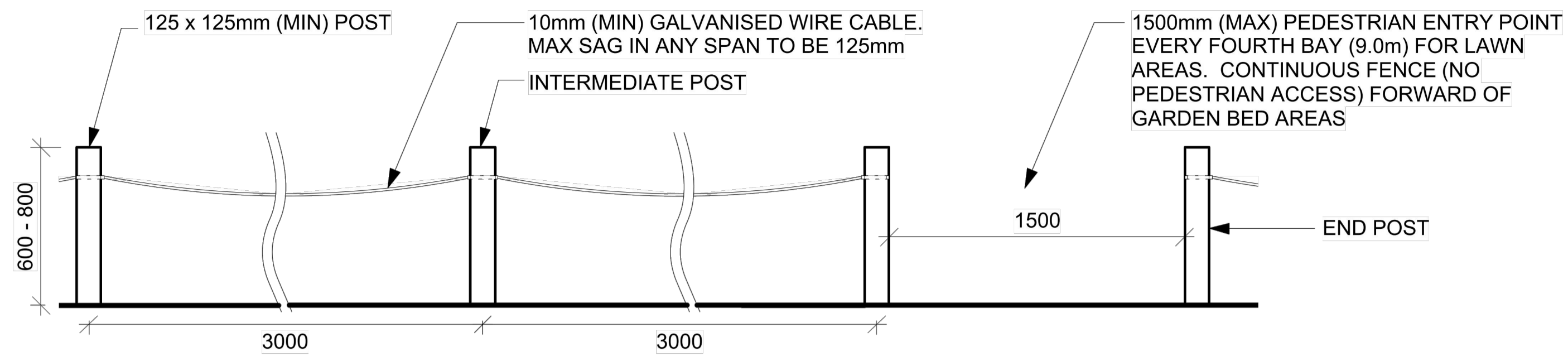
DETAILS - SHEET 2

SHEET 7 OF 8

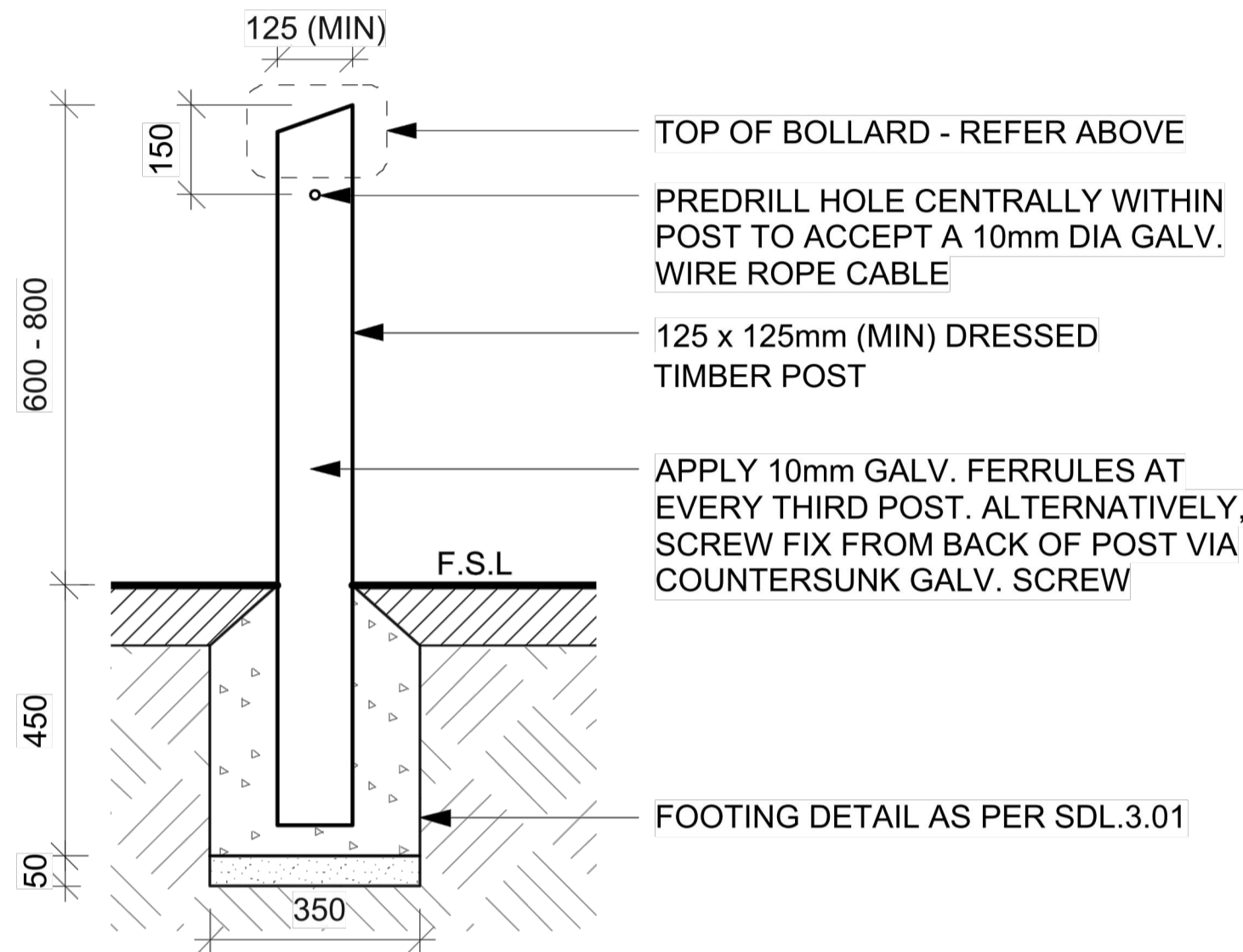
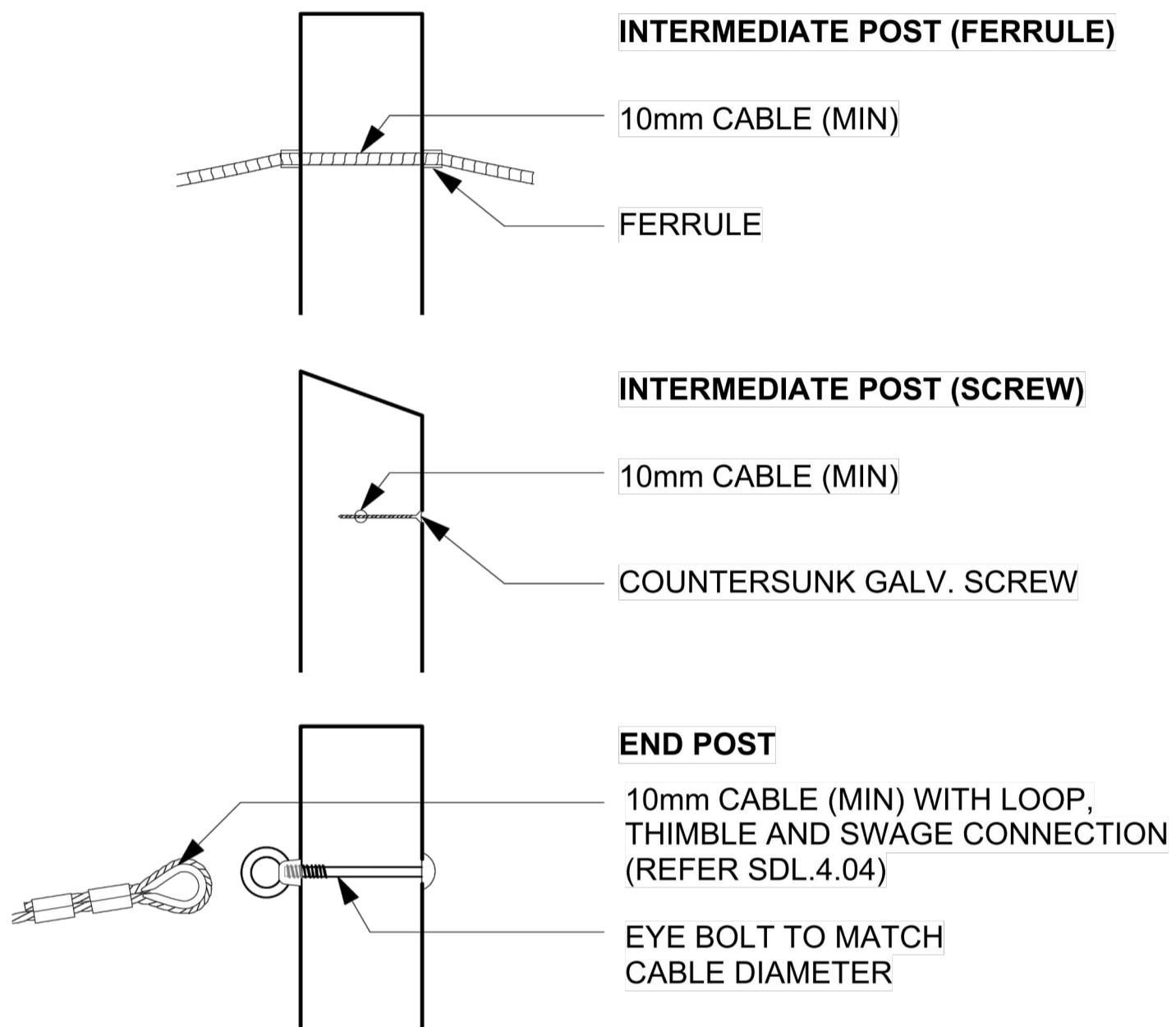
CITY OF WHITTLESEA
 VILLAWOOD

AS SHOWN

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DATE 05-02-2021	DRG NO. 307767LD901	REV D	



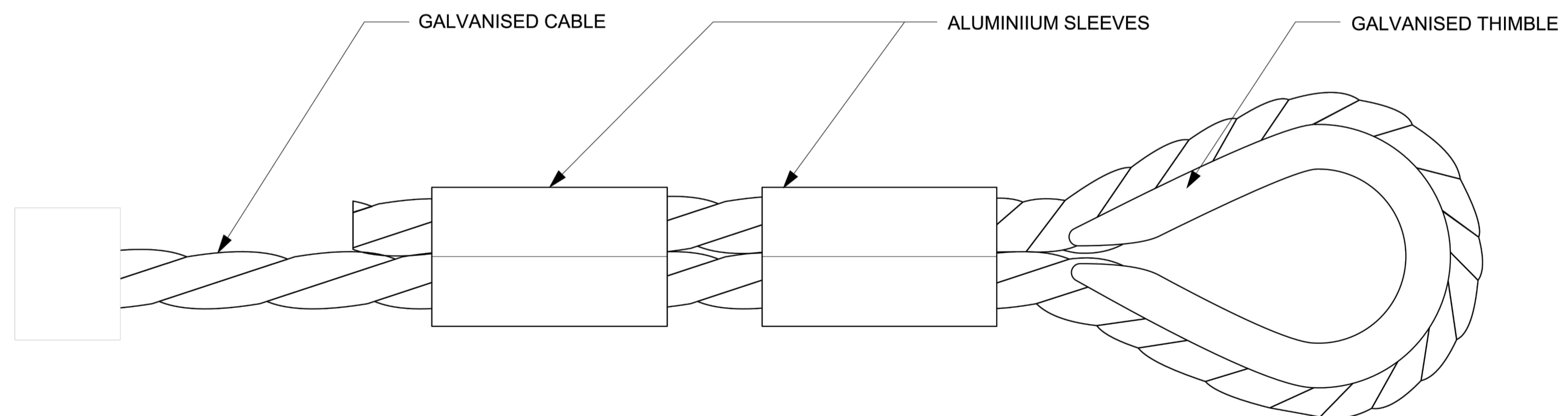
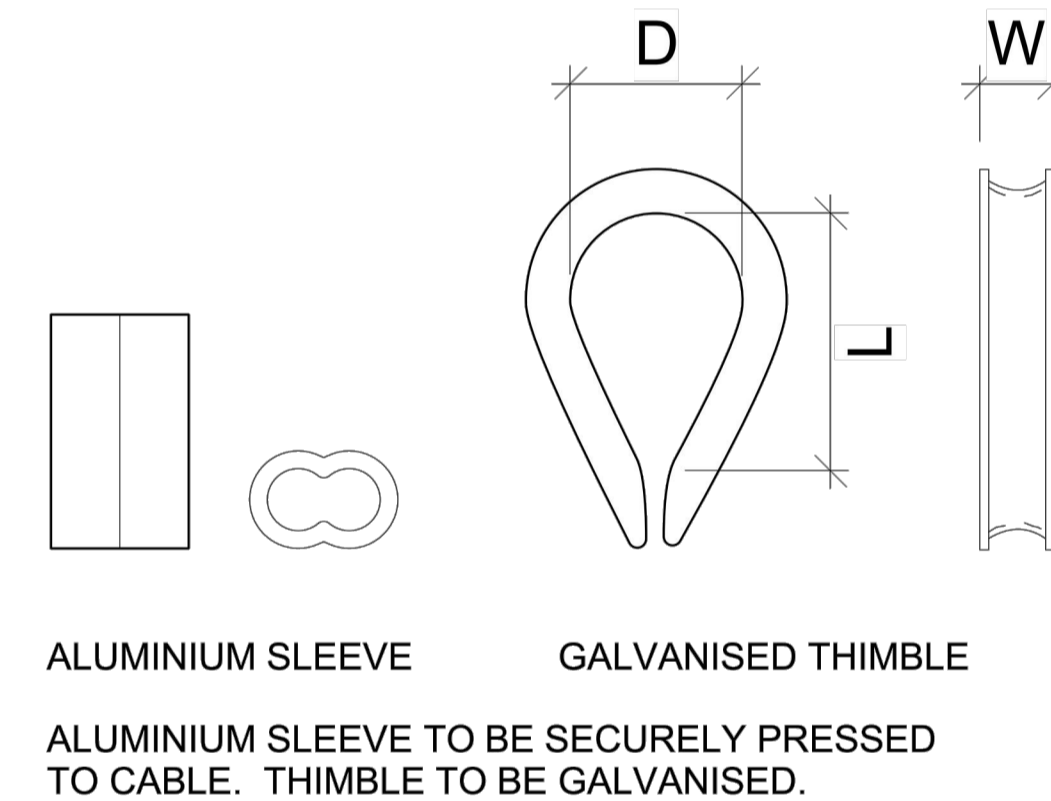
ELEVATION - TIMBER POST AND CABLE FENCE SPACING



SECTION - TIMBER POST AND CABLE

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.



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.

1. As a minimum, posts should be 125mm X 125mm 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).

NOTES

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**RATHDOWNE ESTATE
STREETSCAPES STAGE 7**

DETAILED DESIGN
DETAILS - SHEET 3
SHEET 8 OF 8
CITY OF WHITTLESEA
VILLAWOOD

AS SHOWN

DESIGNED	DRAWN	CHECKED	APPROVED
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DATE	DRG NO.	REV	
05-02-2021	307767LD902	D	

file name: 307767LD902.dwg, layout name: LD902, plotted by: Piersmith, Application: 18.2, sheet 8 of 8, date: 16/06/2021 12:10 PM, Sheet 8 of 8 Sheets

PLANNING AND ENVIRONMENT ACT
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