

RATHDOWNE ESTATE

STREETSCAPES STAGE 7

PROJECT NUMBER: 307767

LANDSCAPE ARCHITECTURE DRAWINGS

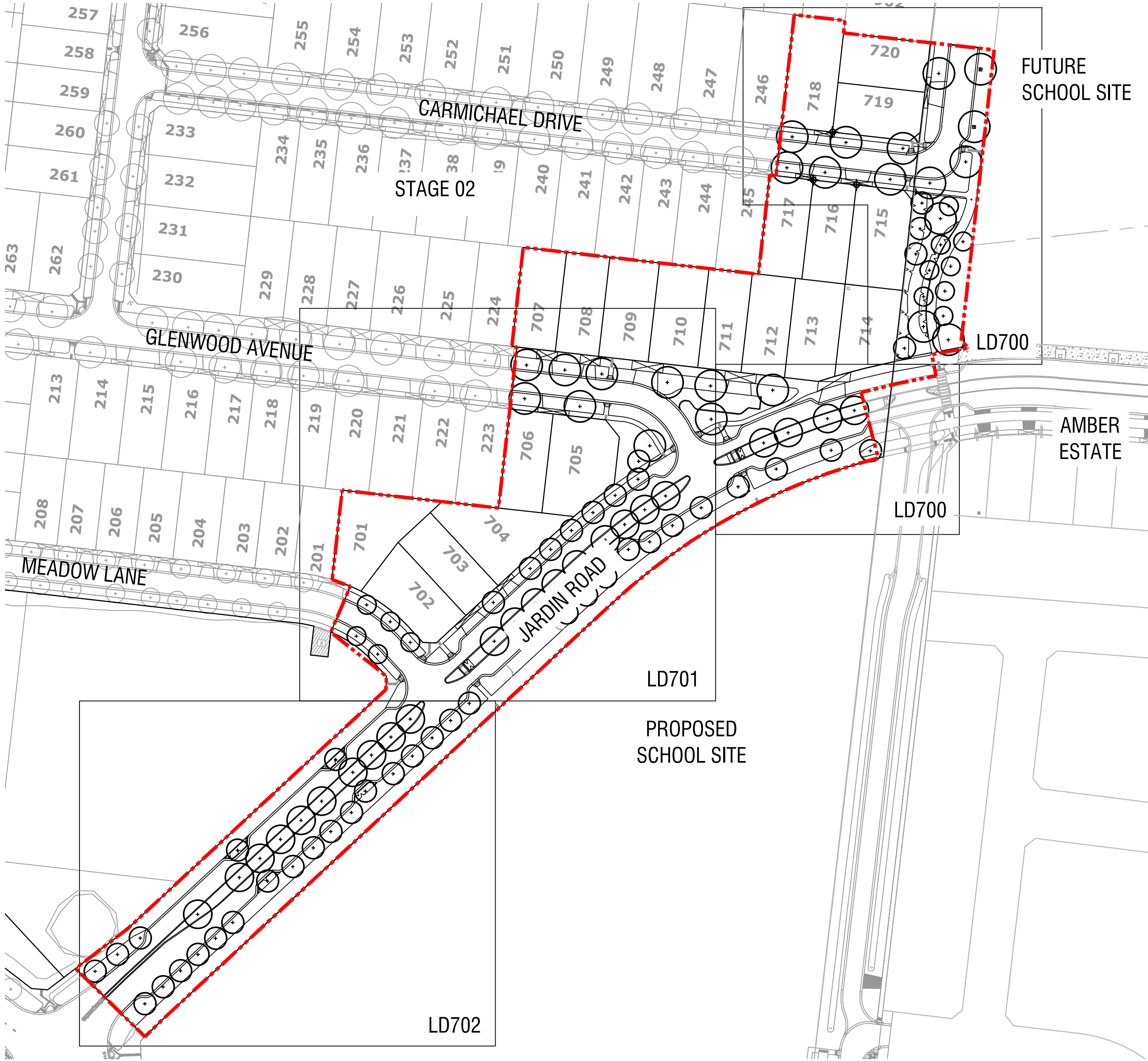
FOR VILLAWOOD

DRAWING SCHEDULE

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

2 SITE LOCATION

Scale 1:5000 @ A1



1 EXTENT OF WORKS PLAN

Scale 1:1000 @ A1

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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F	AS CONSTRUCTED	SV	29/11/21
E	ISSUED FOR CONSTRUCTION	SV	29/10/21
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
REV	DESCRIPTION	APP	DATE

RATHDOWNE ESTATE

STREETSCAPES STAGE 7

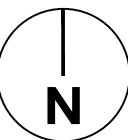
DETAILED DESIGN

COVER - SHEET 1

SHEET 1 OF 8

CITY OF WHITTLESEA

VILLAWOOD



MGA 94
ZONE

1:1000
SCALE @ A1

0 10 20 30 40 50

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

PLANTING SCHEDULE						
TREES						
CODE	BOTANICAL NAME	COMMON NAME	QTY	DENSITY	INSTALL SIZE	MATURE SIZE (h x w)
Am	<i>Acacia melanoxylon</i>	Blackwood	4	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	41	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			105			

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	G1c	G1d
				Area m²		83	59	25	25
BOTANICAL NAME	COMMON NAME	Species Density m²	% Distribution Species	Total No. of Plants					
<i>Callistemon pearsonii</i> 'Rocky Rambler'	Callistemon Rocky Rambler	3	50	288	125	89	38	38	
<i>Dianella caerulea</i> 'Little Jess'	Little Jess Paroo lily	4	50	384	166	118	50	50	
Total			100	672					

GARDEN BED PLANTING MIX 2						
Installed size: 150mm pots			Location		G2a	G2b
			Area m²		64	47
BOTANICAL NAME	COMMON NAME	Species Density m²	% Distribution Species	Total No. of Plants		
<i>Correa pulchella 'Autumn Blaze'</i>	Autumn Blaze Correa	3	50	167	96	71
<i>Goodenia ovata 'Gold Cover'</i>	Groundcover Goodenia	3	50	167	96	71
Total			100	333		

GARDEN BED PLANTING MIX 3								
Installed size: 150mm pots			Location		G3a	G3b	G3c	G3d
			Area m²		19	19	19	20
BOTANICAL NAME	COMMON NAME	Species Density m²	% 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	50	4/m²	150mm pot
Total			50		

NOTES



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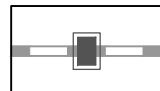

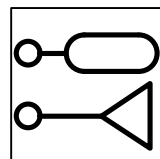
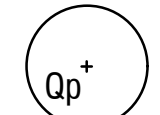
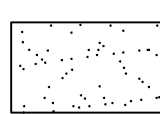



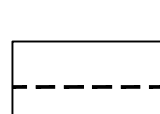
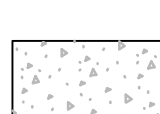
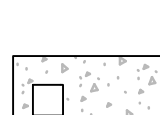
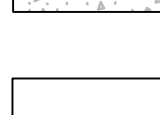
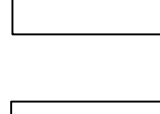
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RATHDOWNE ESTATE
STREETSCAPES STAGE 7

DETAILED DESIGN
SCHEDULES - SHEET 1
SHEET 2 OF 8
CITY OF WHITTLESEA
VILLAWOOD

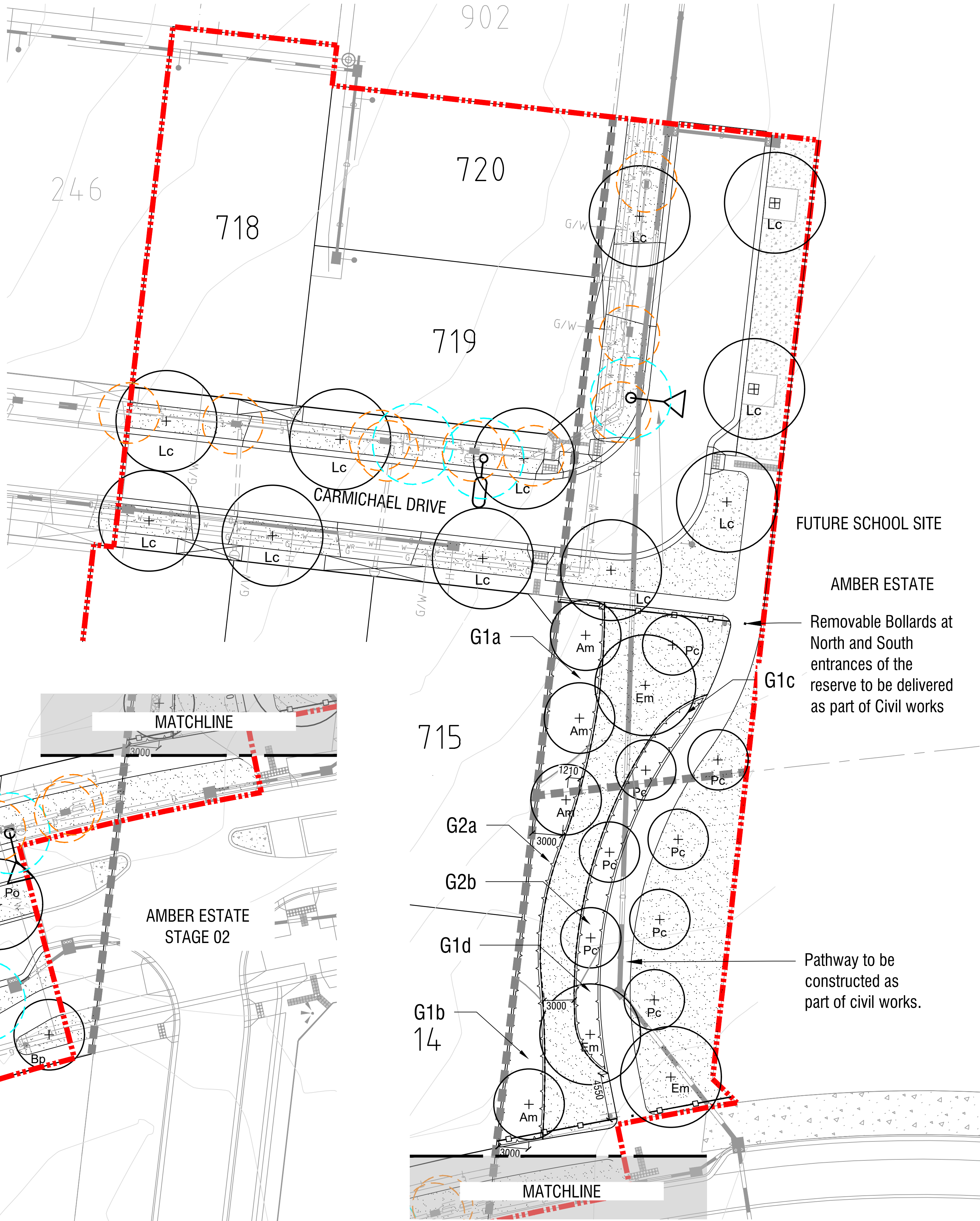
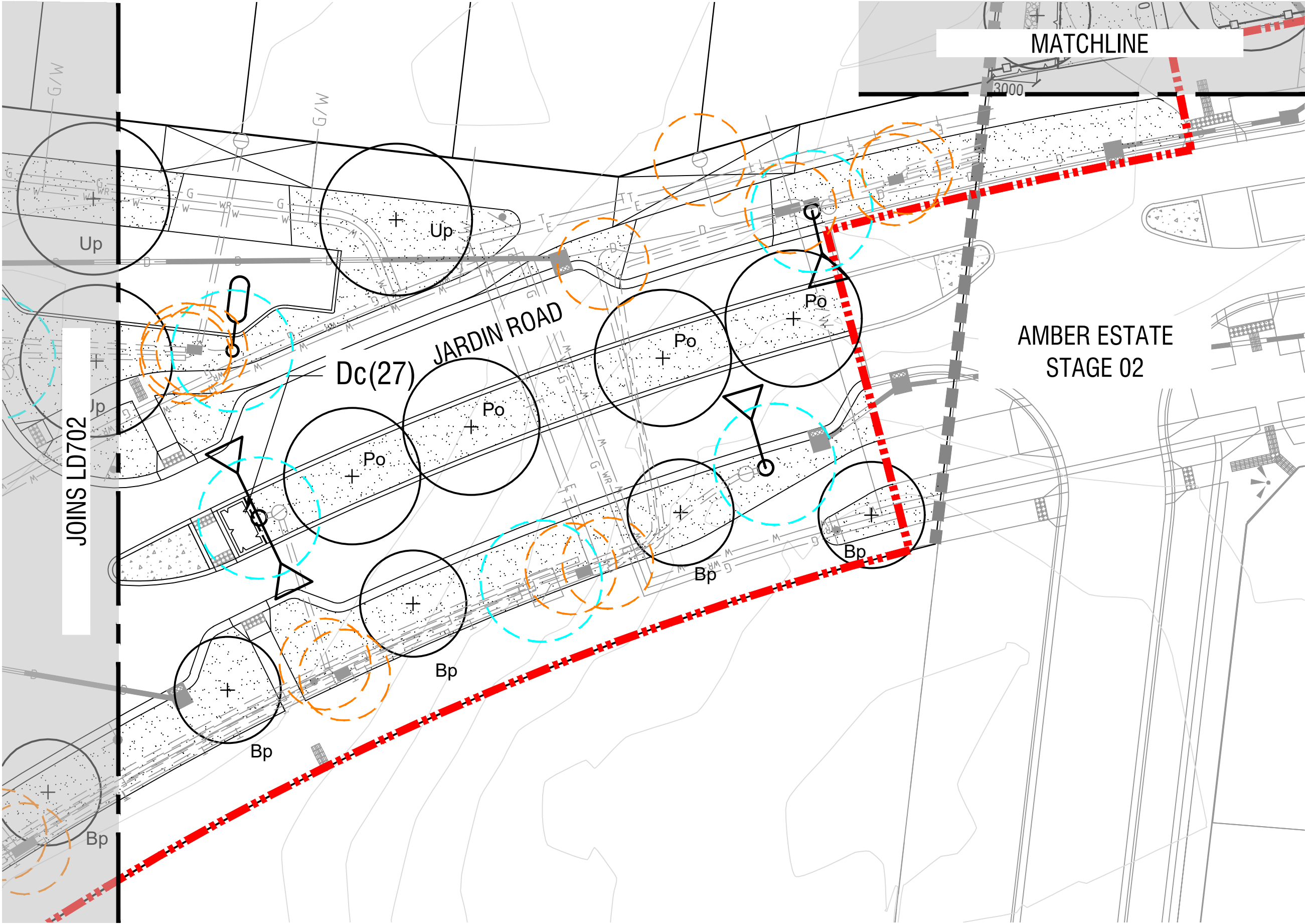
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LEGEND

-  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
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

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 infront of medium density lots in future Stage 09 by Villawood, and Stages 13 & 14 by Amber. refer Civil for further information.



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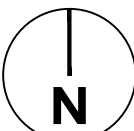
RATHDOWNE ESTATE
STREETSCAPES STAGE 7

DETAILED DESIGN

PLANTING PLANS - SHEET 1

SHEET 3 OF 8

CITY OF WHITTLESEA
VILLAWOOD




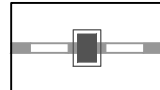

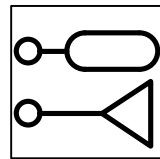
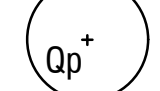
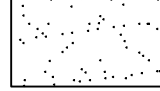



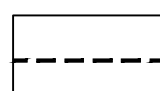
MGA 94
ZONE

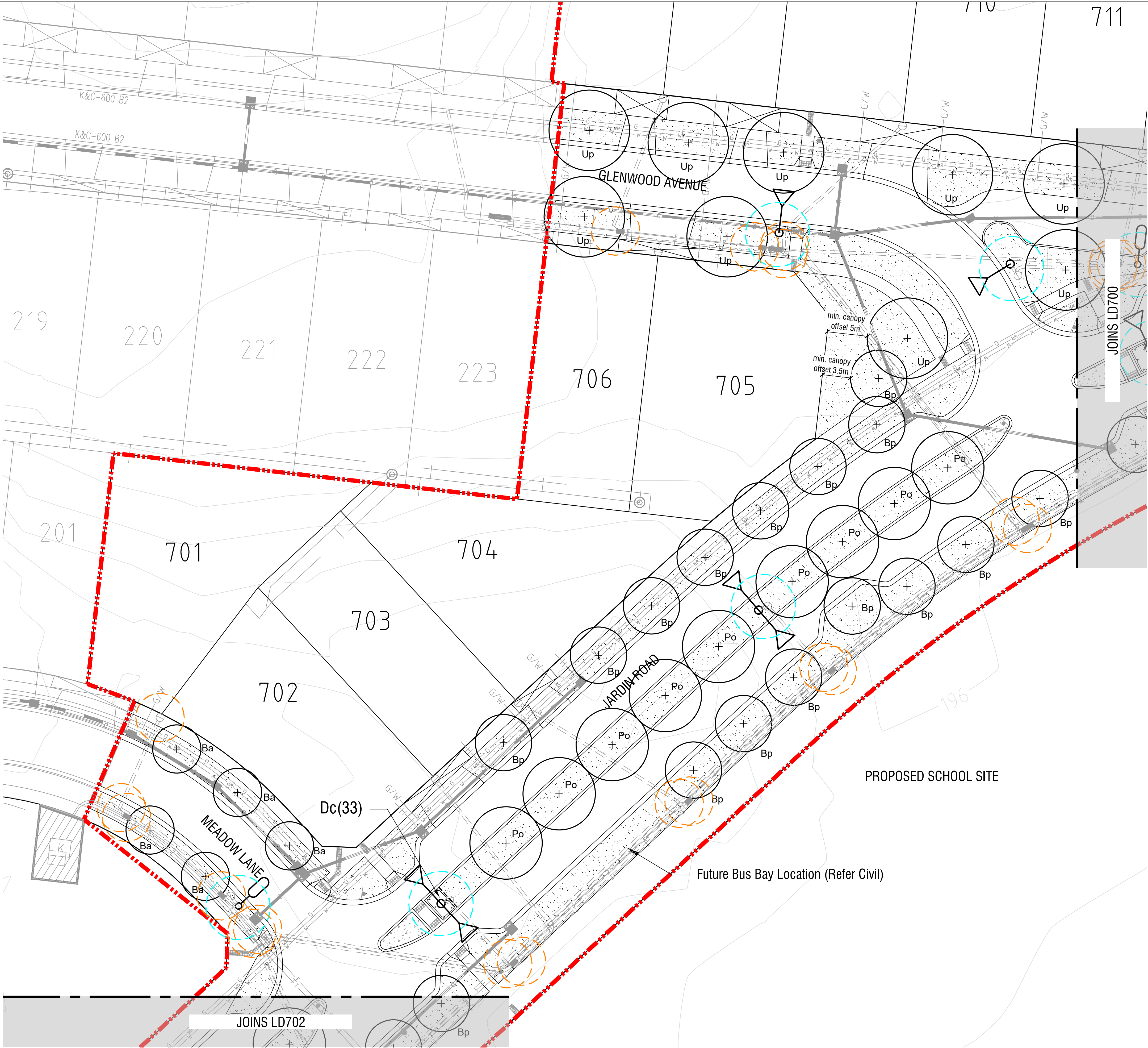
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DATE 05-02-2021	DRG NO. 307767LD700	REV F	

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



NOTES

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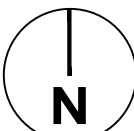
RATHDOWNE ESTATE
STREETSCAPES STAGE 7

DETAILED DESIGN

PLANTING PLANS - SHEET 2

SHEET 4 OF 8


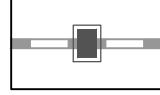

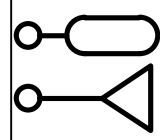
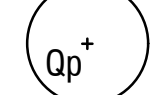
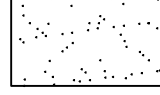


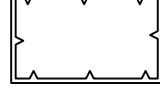
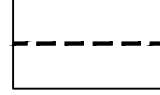
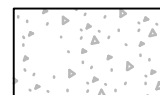
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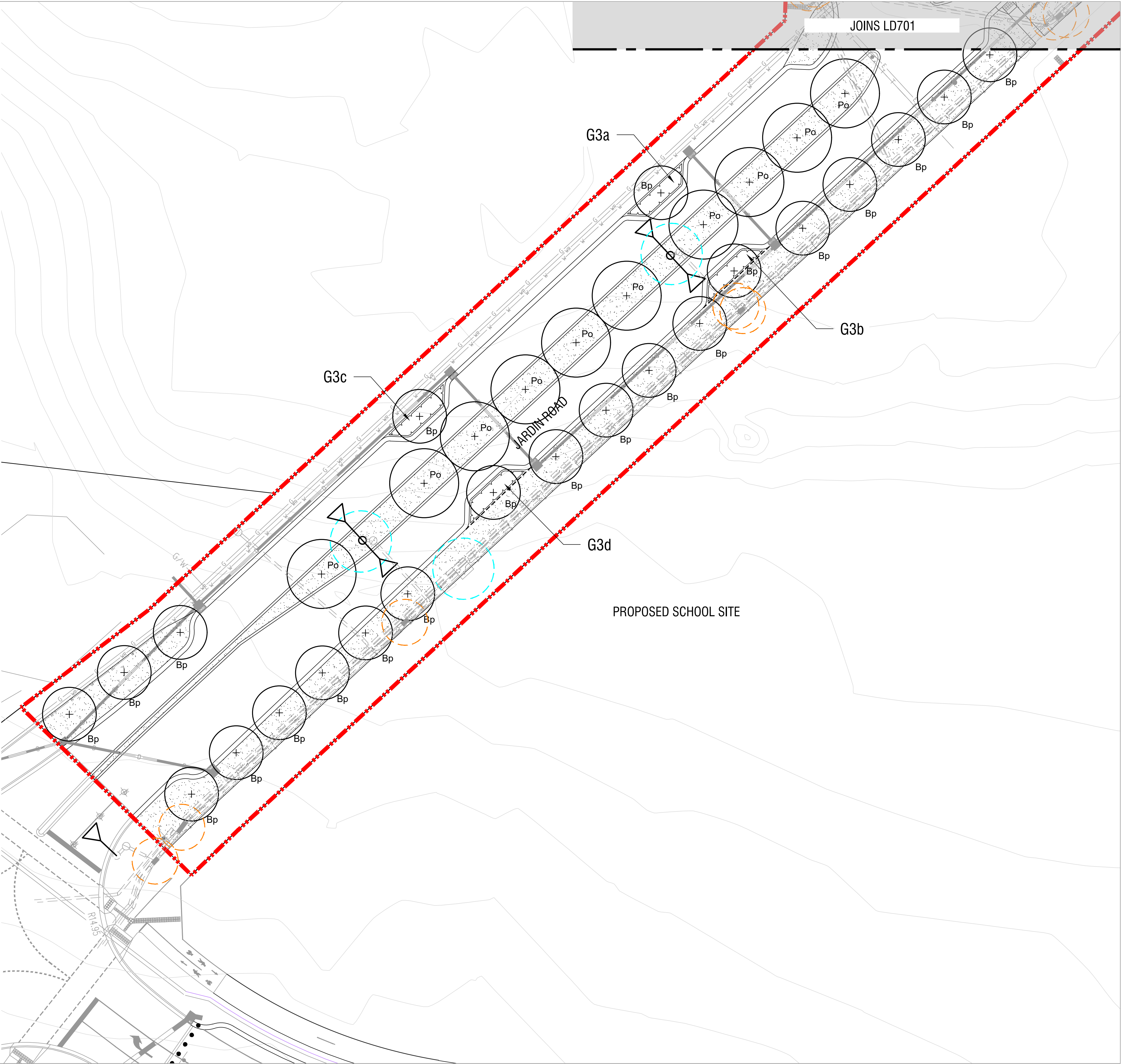


MGA 94
ZONE
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DESIGNED PA	DRAWN PA	CHECKED ML	APPROVED MS
DATE 05-02-2021	DRG NO. 307767LD701	REV F	

LEGEND

- EXTENT OF WORKS
- STORMWATER
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- CONCRETE SURFACE
Refer Civil



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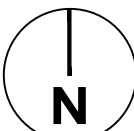
RATHDOWNE ESTATE
STREETSCAPES STAGE 7

DETAILED DESIGN

PLANTING PLANS - SHEET 3

SHEET 5 OF 8

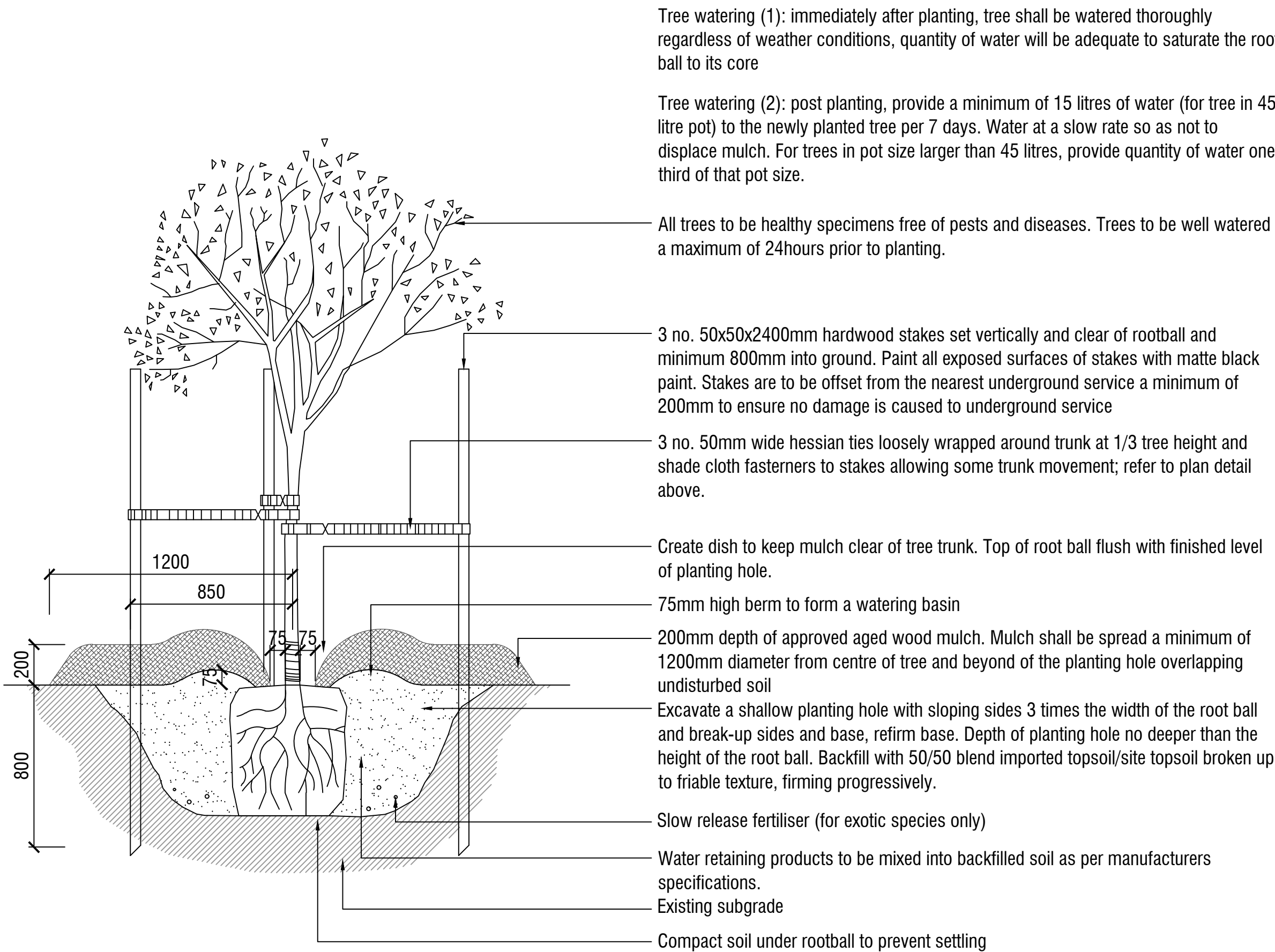
CITY OF WHITTLESEA
VILLAWOOD



MGA 94
ZONE
1:250
SCALE @ A1
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DATE 05-02-2021	DRG NO. 307767LD702	REV F	

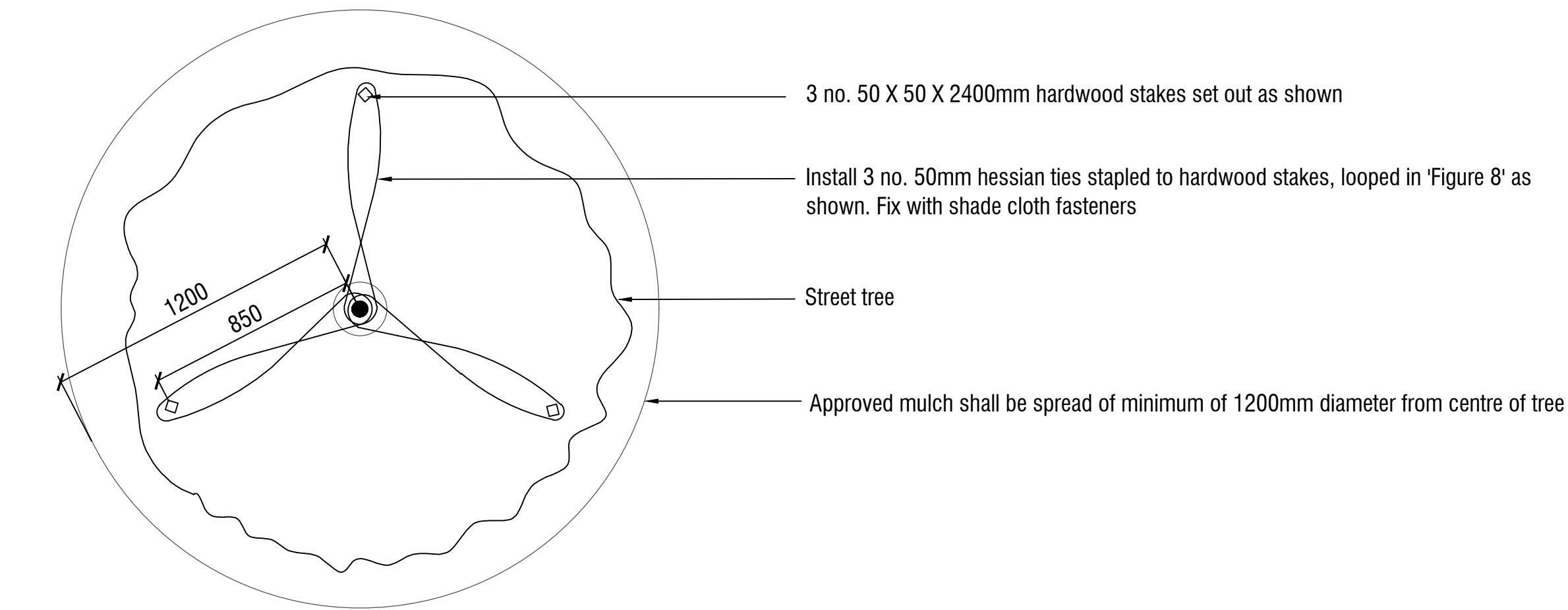
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file location: C:\307767\Landscapes\ACAD plot date: 30/11/2021 8:40 AM Sheet 6 of 8 Sheets



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.

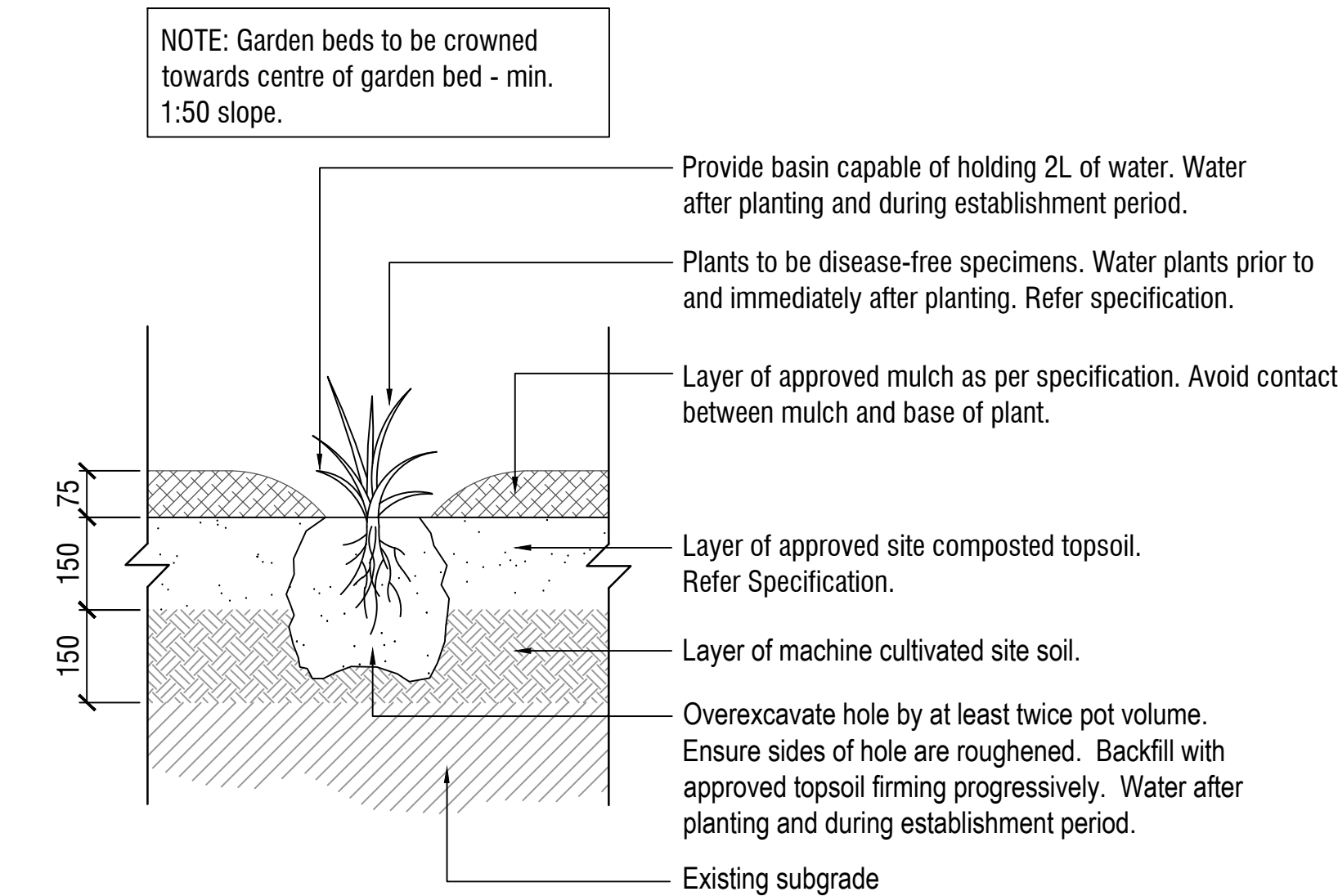
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Scale 1:20 @ A1



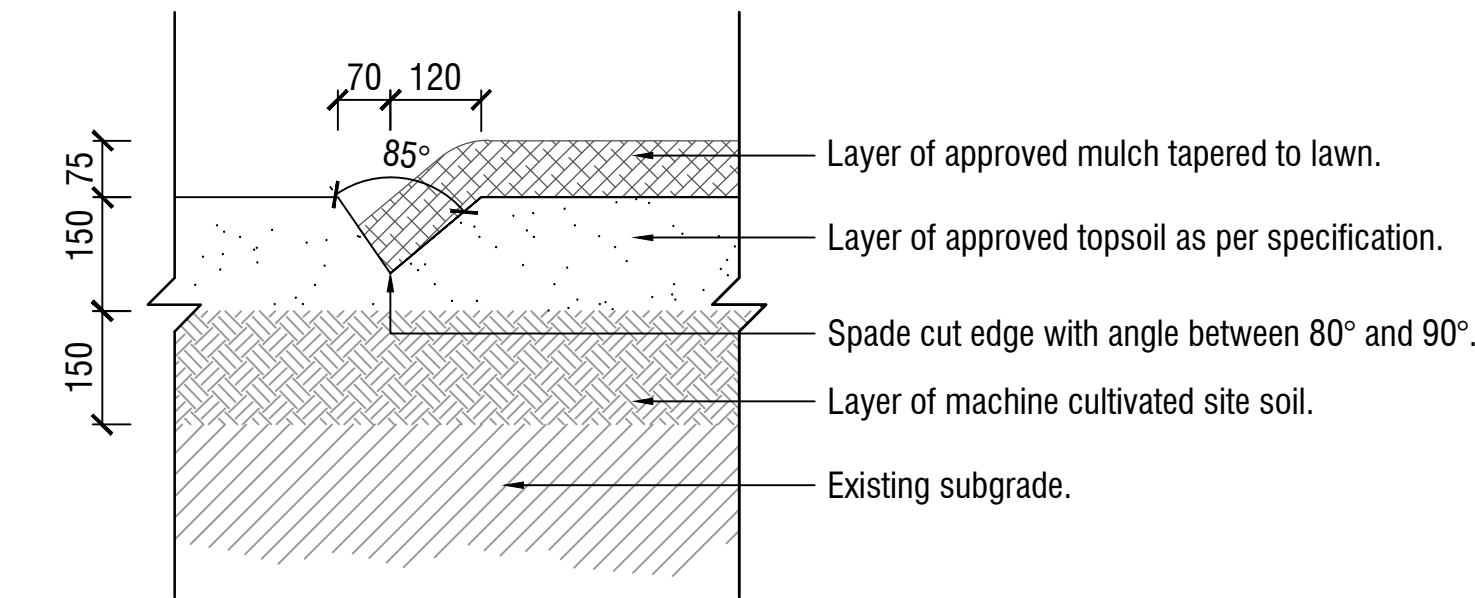
2 TREE TIE DETAIL

Scale 1:20 @ A1



3 SHRUB PLANTING DETAIL

Scale 1:10 @ A1



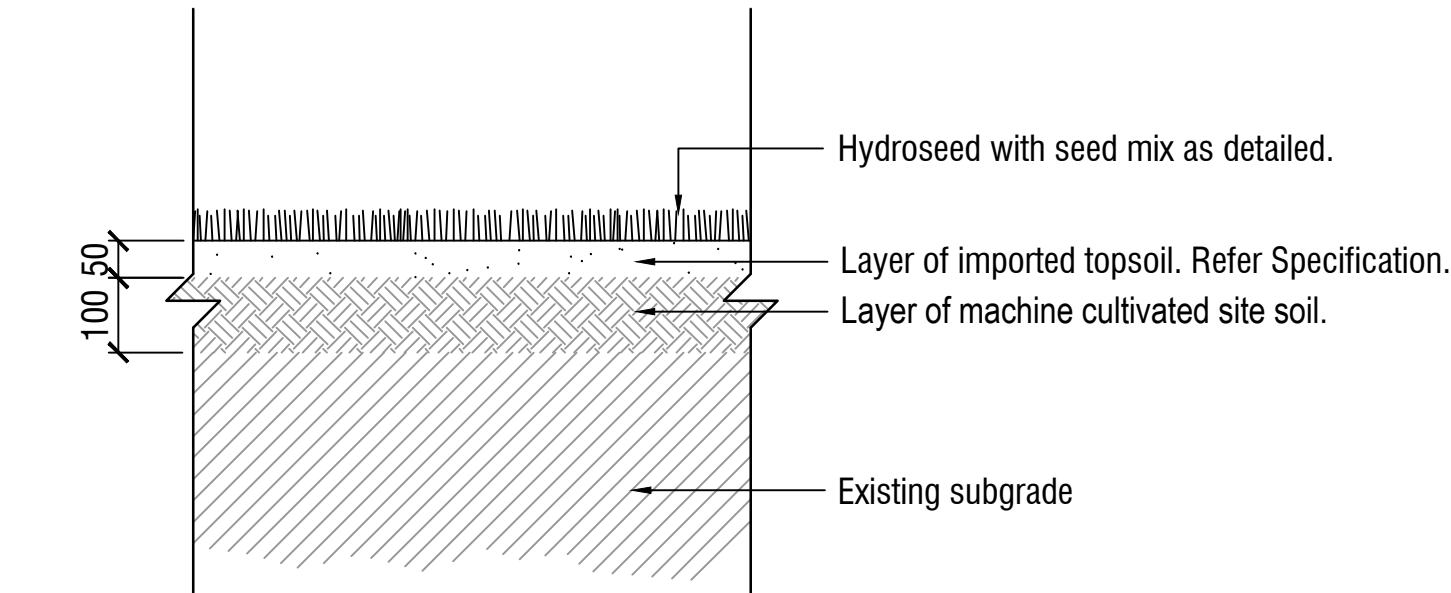
4 SPADE EDGE DETAIL

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

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RATHDOWNE ESTATE STREETSCAPES STAGE 7

DETAILED DESIGN

DETAILS - SHEET 1

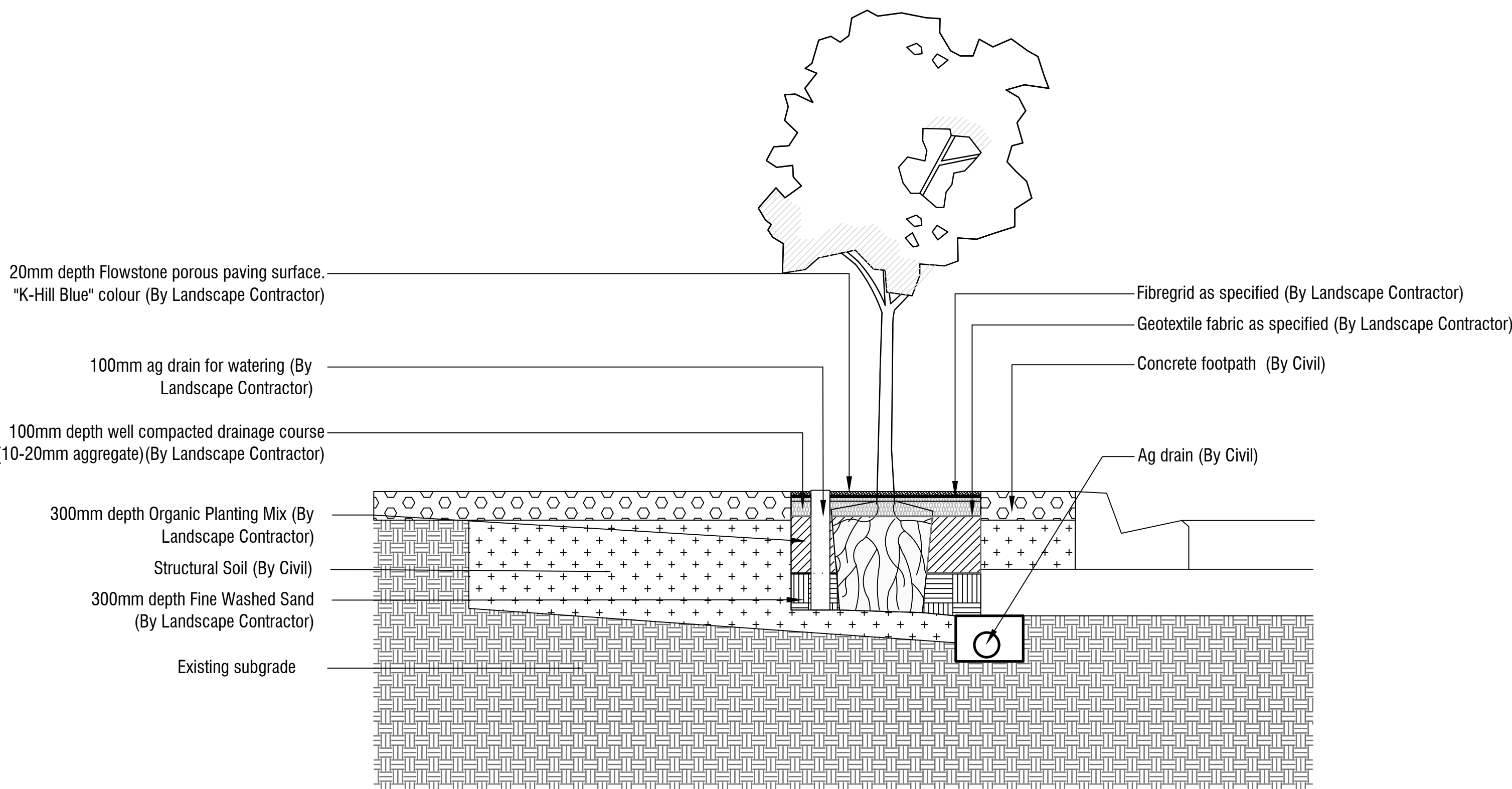
SHEET 6 OF 8

CITY OF WHITTLESEA
VILLAWOOD

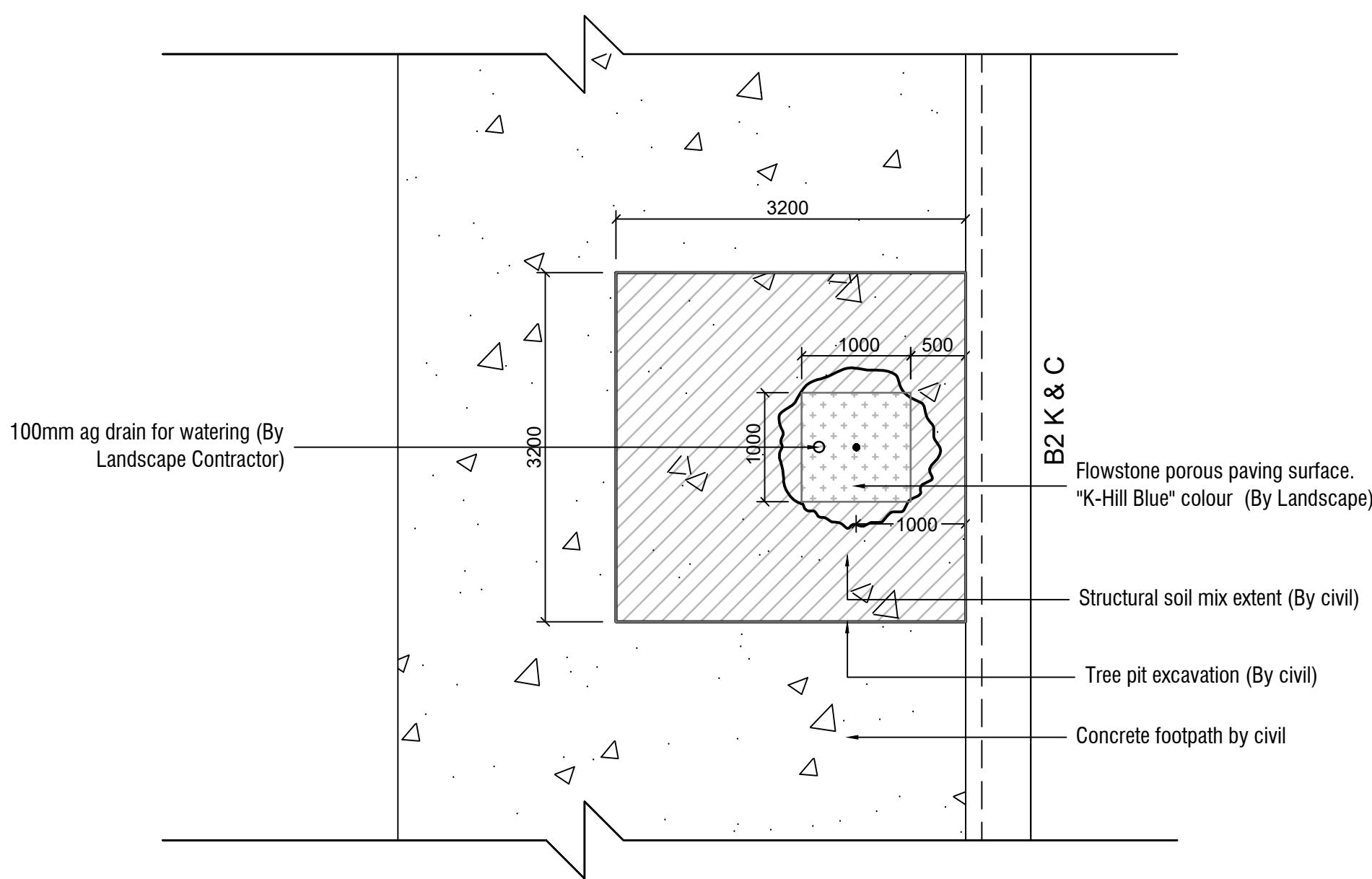
AS SHOWN

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

file name: 307767LD900.dwg layout: name: LD901 plotted by: Precinct Alpha.rtg
file location: C:\307767\Landscapes\ACAD plot date: 30/11/2021 8:40 AM Sheet 7 of 8 Sheets



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



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

NOTES

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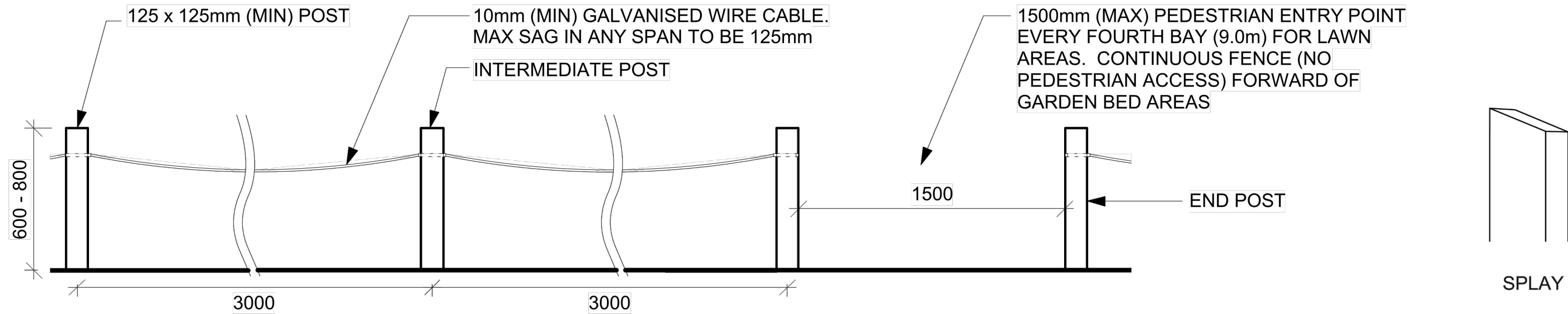
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E	ISSUED FOR CONSTRUCTION	SV	29/10/21
D	ISSUED TO COUNCIL	MS	10/06/21
C	ISSUED TO COUNCIL	MS	06/05/21
B	ISSUED TO CLIENT	MS	30/04/21
A	ISSUED TO CLIENT	MS	23/04/21

RATHDOWNE ESTATE
STREETSCAPES STAGE 7

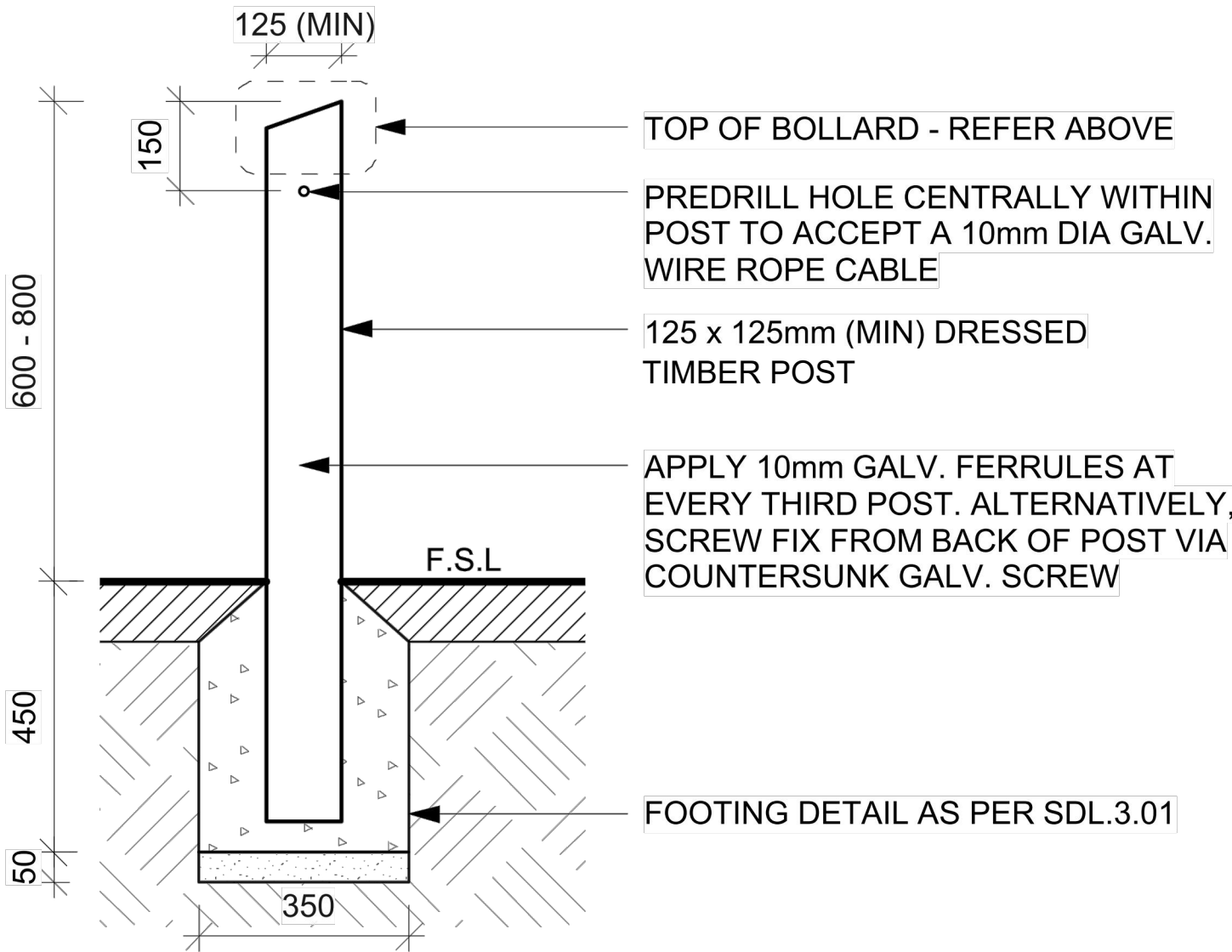
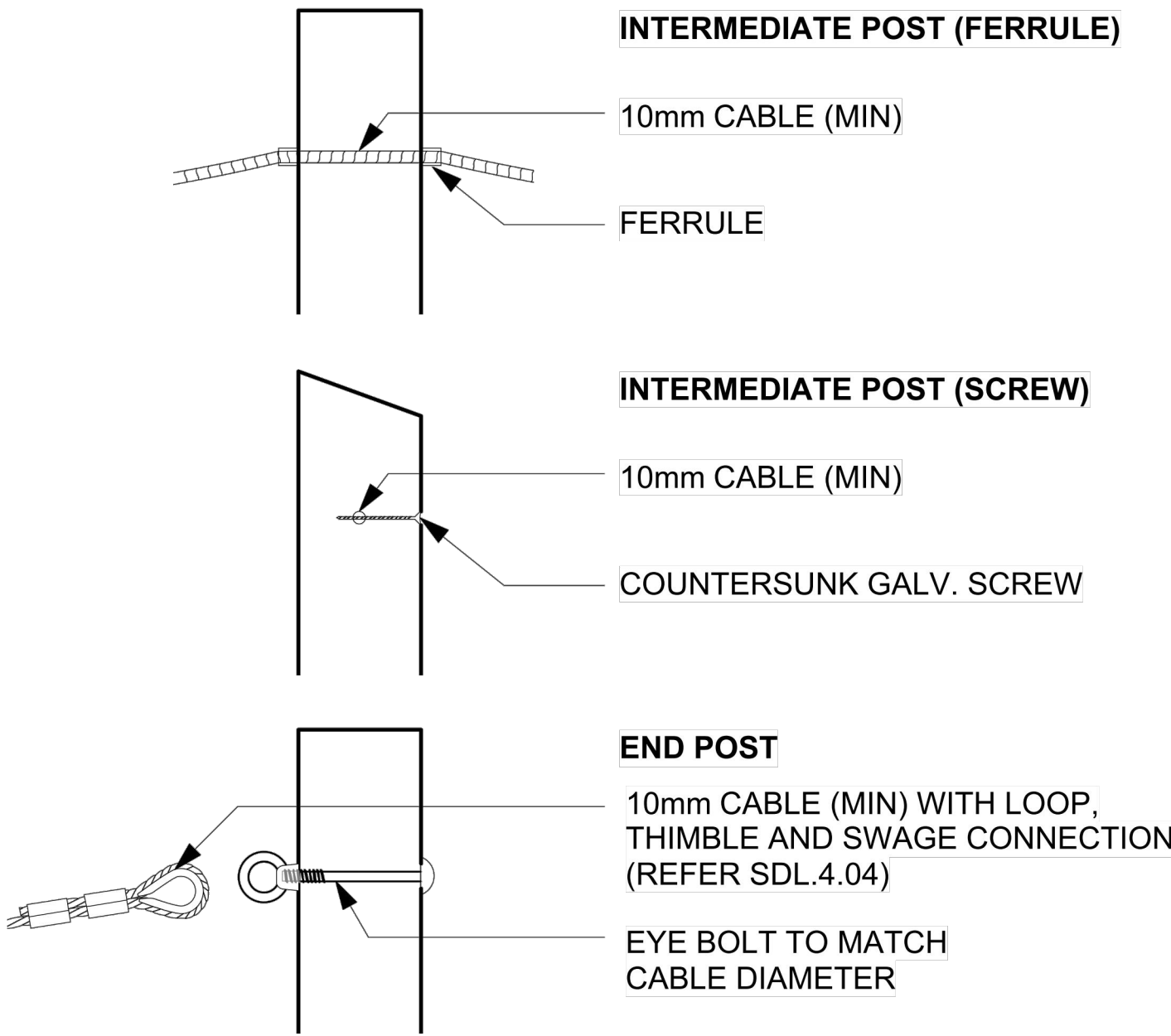
DETAILED DESIGN
DETAILS - SHEET 2
SHEET 7 OF 8
CITY OF WHITTLESEA
VILLAWOOD

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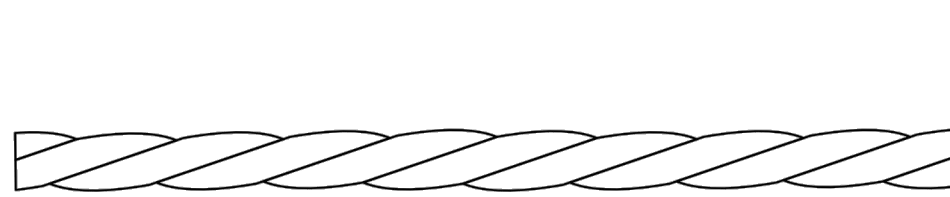
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DATE 05-02-2021	DRG NO. 307767LD901	REV F	



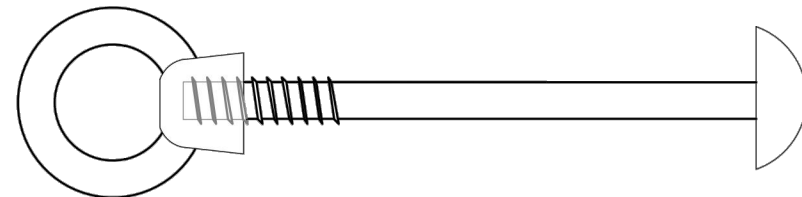
ELEVATION - TIMBER POST AND CABLE FENCE SPACING



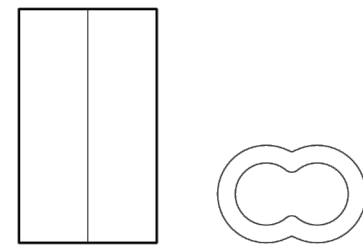
SECTION - TIMBER POST AND CABLE



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.

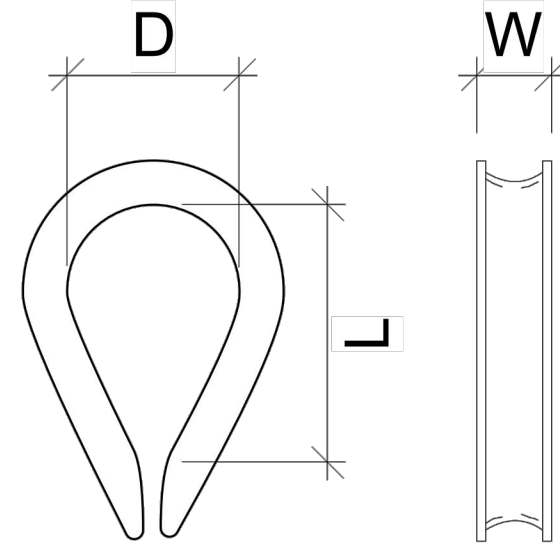


EYE RIGGING BOLT SHALL BE GALVANISED AND OF A SIZE COMPATIBLE WITH THE CABLE AND THIMBLE CONNECTION.

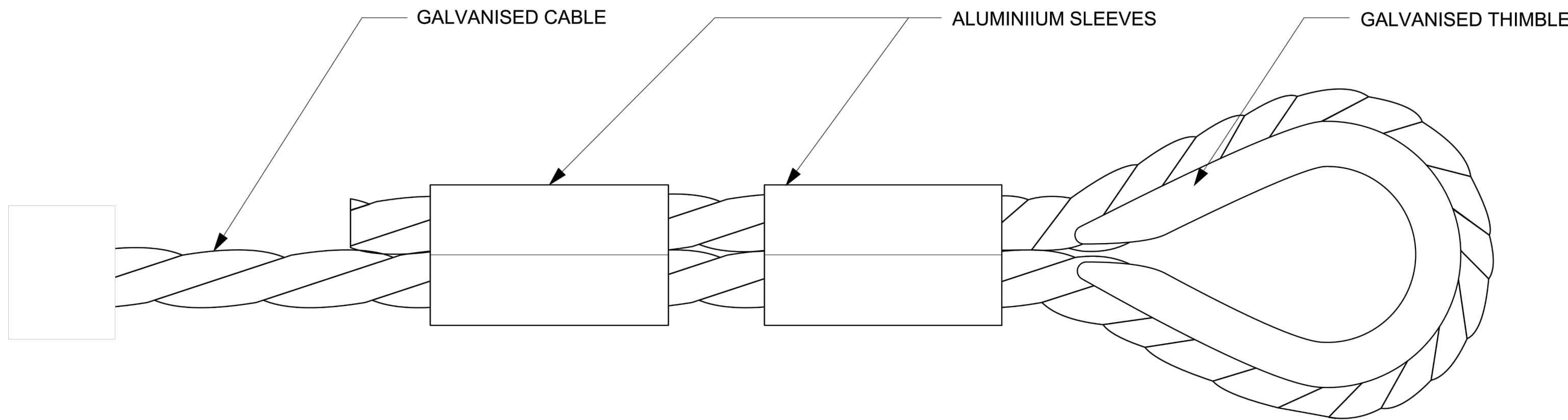


ALUMINIUM SLEEVE

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



GALVANISED THIMBLE



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.

TIMBER POST AND CABLE VEHICLE EXCLUSION FENCING (CITY OF WHITTLESEA TYPICAL DETAIL))

Scale 1:10 @ A1

NOTES

- As a minimum, posts should be 125mm X 125mm in width, (400mm below ground and 600mm above ground).
- 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.
- 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.
- Footings for larger bollards to be reviewed on a case by case basis.
- Bollards must be painted or stained with reapplication every 18 months or as required.
- Maximum spacing between posts is 3000mm.
- All steel components (including fastners, fixings and cables) shall be hot dip galvanised.
- 10mm galvanised wire cable minimum (7 strand - 7 wire).

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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
PA	PA	ML	MS
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05-02-2021	307767LD902	F	