

RATHDOWNE

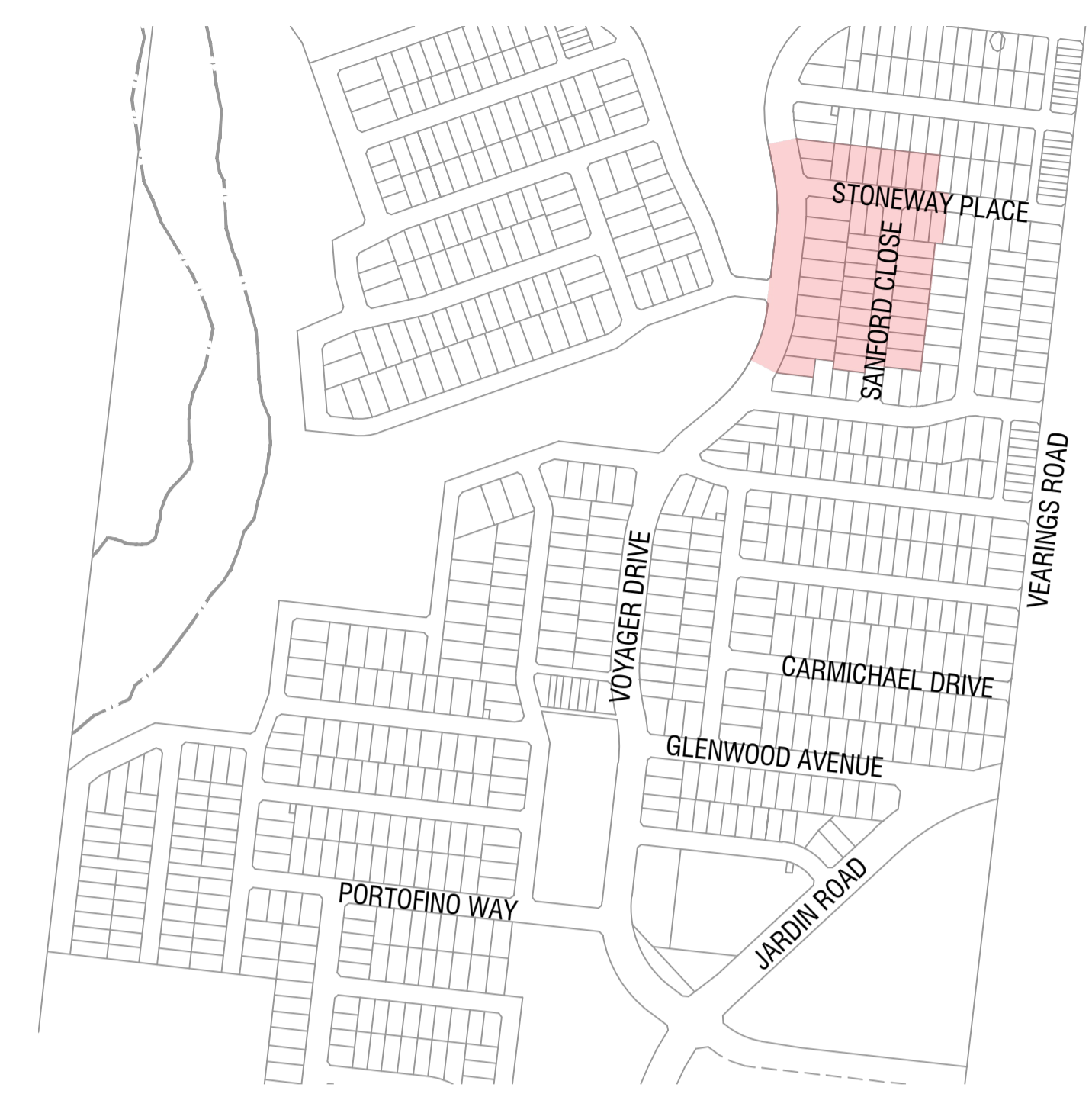
STAGE 11 - STREETSCAPES

PROJECT NUMBER: 308529
 LANDSCAPE ARCHITECTURE DRAWINGS
 FOR VILLAWOOD

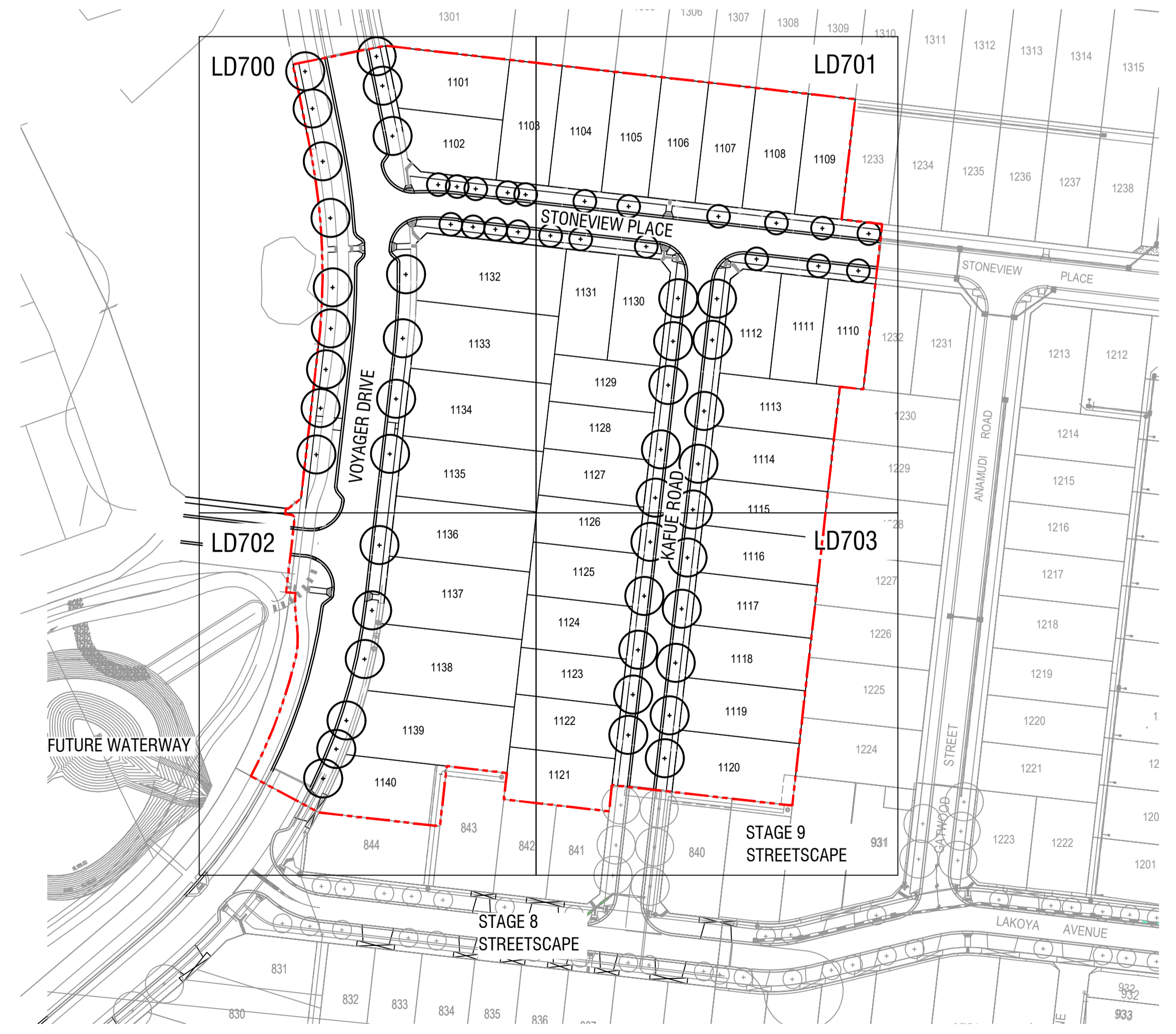
PLANNING AND ENVIRONMENT ACT
 CITY OF WHITTLESEA
 PLANNING SCHEME
 Plan referred to in Permit to use and/or develop land.
 Application No: 716630
 Condition No: 18.2
 Sheet 1 of 6
 Date Permit issued: 4 August 2017
 Date: 7/10/2021
 Town Planner

DRAWING SCHEDULE

DRAWING NO.	DESCRIPTION	SHEET NO.	REVISION
LD100	COVER - SHEET 1	1	D
LD700	PLANTING PLANS - SHEET 1	2	D
LD701	PLANTING PLANS - SHEET 2	3	D
LD702	PLANTING PLANS - SHEET 3	4	D
LD703	PLANTING PLANS - SHEET 4	5	D
LD900	DETAILS - SHEET 1	6	D



2 KEY PLAN
 Scale 1:5000 @ A1



1 RATHDOWNE STAGE 11
 Scale 1:1000 @ A1

PLANTING SCHEDULE					
TREES					
CODE	BOTANICAL NAME	COMMON NAME	QTY	INSTALL SIZE	MATURE SIZE (h x w)
Ba	<i>Brachychiton acerifolius</i>	Flame Tree	21	min. 1.8m tall, 45L	10 x 6
Cm	<i>Corymbia maculata</i>	Spotted Gum	22	min. 1.8m tall, 45L	20 x 10
Lc	<i>Lophostemon confertus</i>	Queensland Brush Box	20	min. 1.8m tall, 45L	15 x 10
Total			63		

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 - 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 - 2.0m
 - 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

spiire

© Spiire Australia Pty Ltd All Rights Reserved
 This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

414 LA TROBE STREET PO BOX 16084 MELBOURNE
 VICTORIA 8007 AUSTRALIA T 61 3 9993 7888
 www.spiire.com.au ABN 55 050 029 635

PRELIMINARY

REV	DESCRIPTION	APP	DATE
D	ISSUED TO COUNCIL	ML	23/09/21
C	ISSUED TO COUNCIL	SV	16/09/21
B	ISSUED TO COUNCIL	SV	17/08/21
A	ISSUED TO CLIENT	SV	13/08/21

RATHDOWNE

STAGE 11 - STREETSCAPES

DETAILED DESIGN

COVER - SHEET 1
 SHEET 1 OF 6
 CITY OF WHITTLESEA
 VILLAWOOD


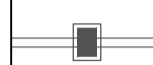


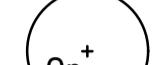
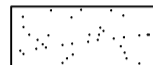


MGA 94 ZONE
 1:1000 SCALE @ A1
 0 10 20 30 40 50


DESIGNED	DRAWN	CHECKED	APPROVED
AS	AS	ML	MB

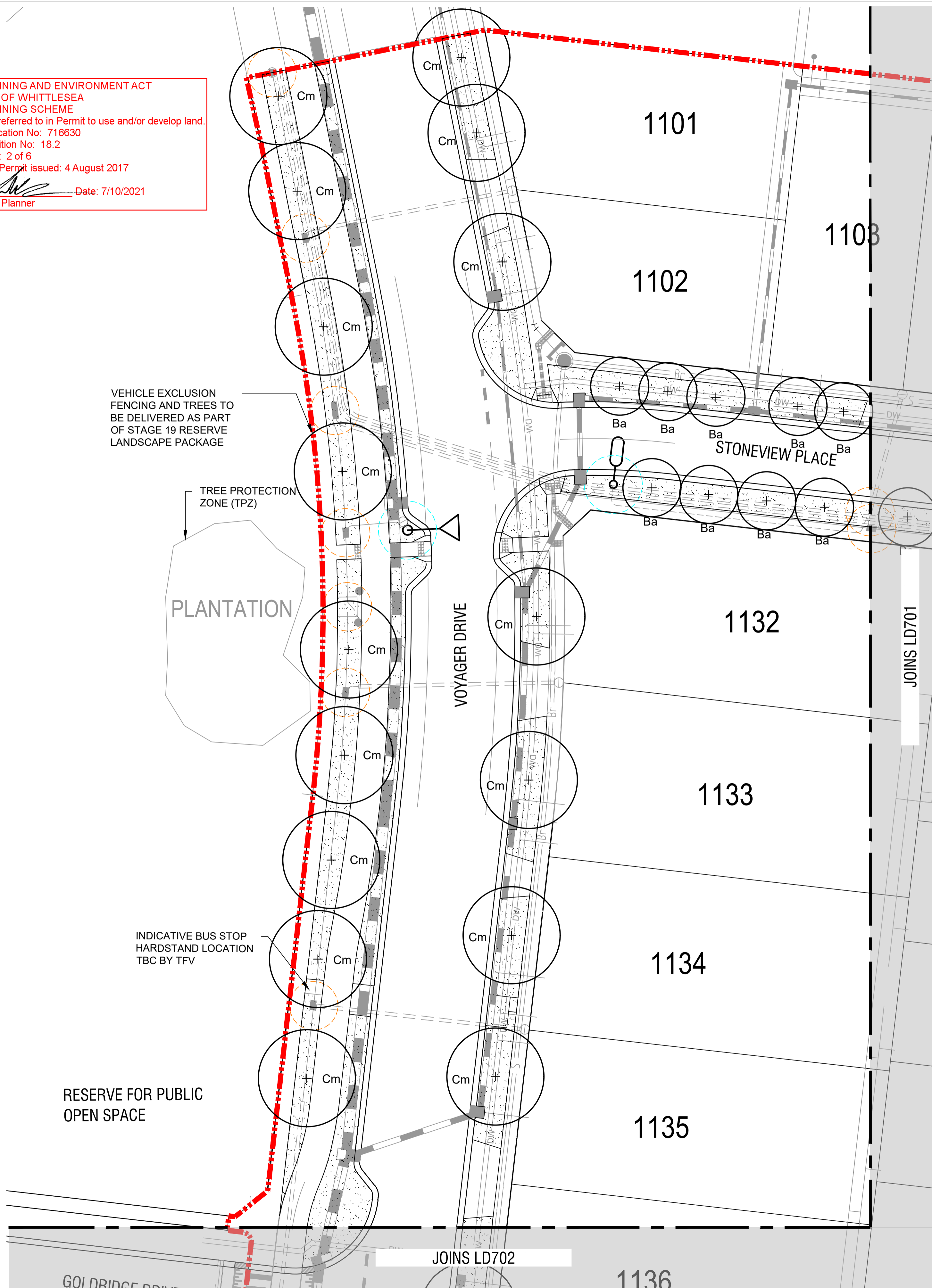
DATE: 17/08/2021
 DRG NO: 308529LD100
 REV: D

file name: 308529LD100.dwg layout name: LD100 plotted by: Arseny Sklyarskiy
 file location: G:\308529\landscapes\ACAD\plan date: 23/09/2021 13:35:44 Sheet 1 of 6 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 Schedules, Details and Specification
-  HYDROSEED GRASS
Refer Details and Specification
-  2.5M ELECTRICAL JOINT AND CONDUIT END OFFSET
-  3M LIGHT POLE AND PARALLELING PILLAR OFFSET

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 2 of 6
Date Permit issued: 4 August 2017
 Date: 7/10/2021
Town Planner



NOTES

spiire

© Spiire Australia Pty Ltd All Rights Reserved
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

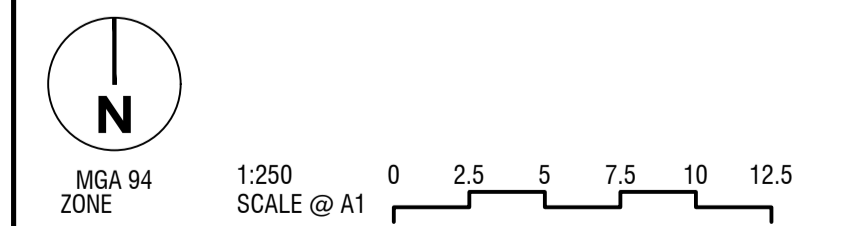
414 LA TROBE STREET PO BOX 16084 MELBOURNE
VICTORIA 8007 AUSTRALIA T 61 3 9993 7888
www.spiire.com.au ABN 55 050 029 635

PRELIMINARY

D	ISSUED TO COUNCIL	ML	23/09/21
C	ISSUED TO COUNCIL	SV	16/09/21
B	ISSUED TO COUNCIL	SV	17/08/21
A	ISSUED TO CLIENT	SV	13/08/21
REV	DESCRIPTION	APP	DATE

**RATHDOWNE
STAGE 11 - STREETSCAPES**


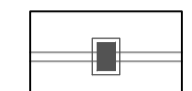
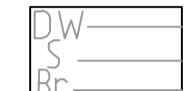
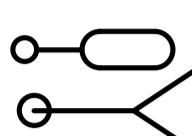
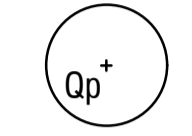



DETAILED DESIGN
PLANTING PLANS - SHEET 1
SHEET 2 OF 6
CITY OF WHITTLESEA
VILLAWOOD




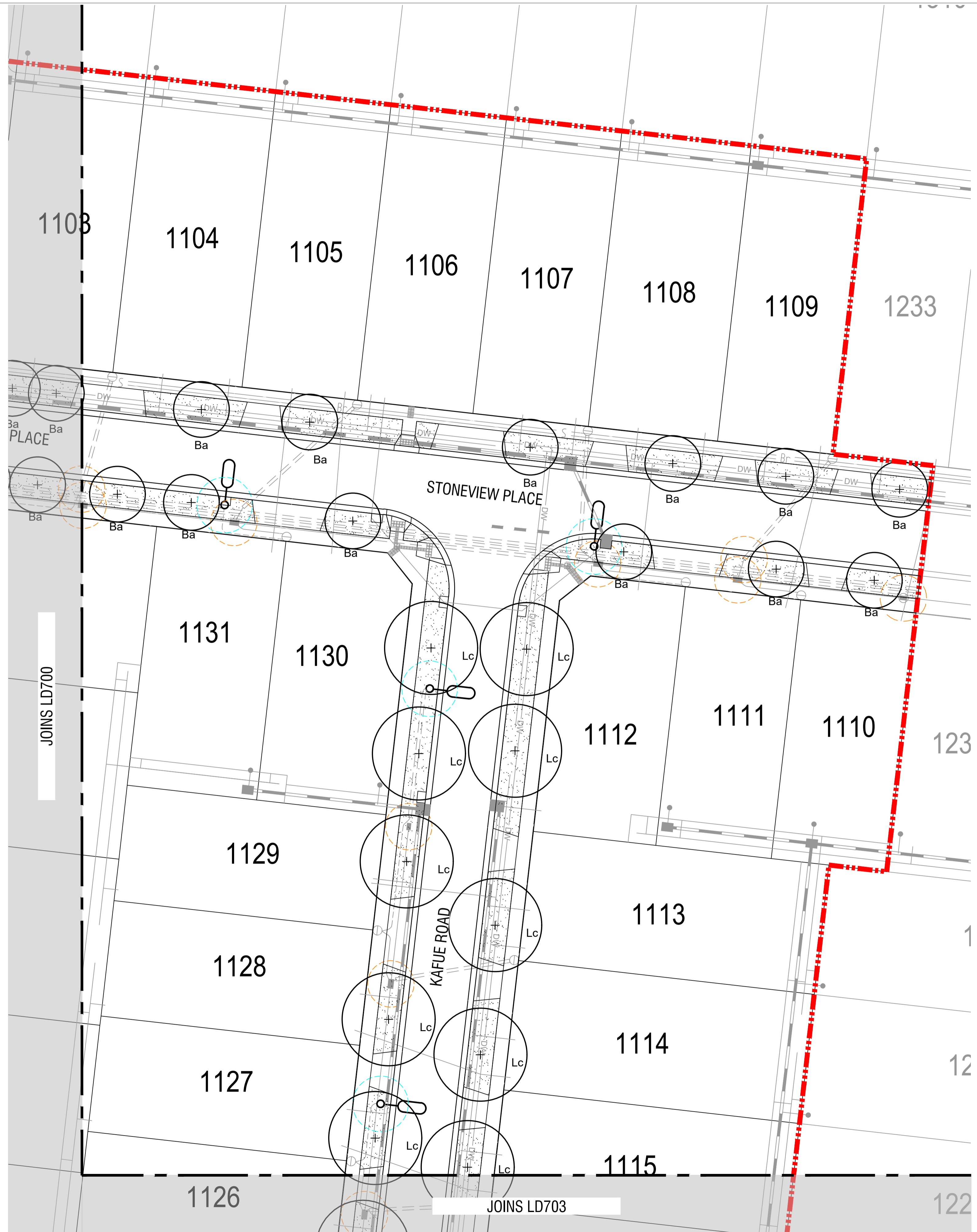
DESIGNED	DRAWN	CHECKED	APPROVED
AS	AS	ML	MB
DATE	DRG NO.	REV	
17/08/2021	308529LD700	D	

file name: 308529LD700.dwg layout name: LD700 plotted by: Spencer Scullion
file location: C:\308529\landscape\ACAD\plot.dwg date: 23/09/2021 13:35:44 Sheet 2 of 6 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 Schedules, Details and Specification
-  HYDROSEED GRASS
Refer Details and Specification
-  2.5M ELECTRICAL JOINT AND
CONDUIT END OFFSET
-  3M LIGHT POLE AND
PARALLELING PILLAR OFFSET

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 3 of 6
 Date Permit issued: 4 August 2017
 Date: 7/10/2021
 Town Planner



NOTES



© Spiire Australia Pty Ltd All Rights Reserved
 This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

**414 LA TROBE STREET PO BOX 16084 MELBOURNE
 VICTORIA 8007 AUSTRALIA T 61 3 9993 7888**
 www.spiire.com.au ABN 55 050 029 635

PRELIMINARY

D	ISSUED TO COUNCIL	ML	23/09/21
C	ISSUED TO COUNCIL	SV	16/09/21
B	ISSUED TO COUNCIL	SV	17/08/21
A	ISSUED TO CLIENT	SV	13/08/21
REV	DESCRIPTION	APP	DATE

RATHDOWNNE

STAGE 11 - STREETSCAPES

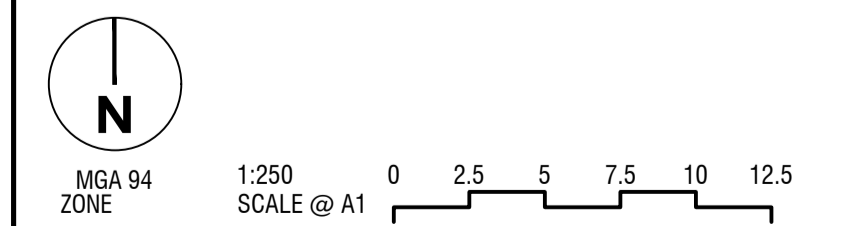
DETAILED DESIGN

PLANTING PLANS - SHEET 2

SHEET 3 OF 6

CITY OF WHITTLESEA


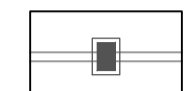
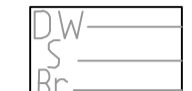
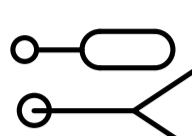
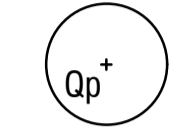



VILLAWOOD




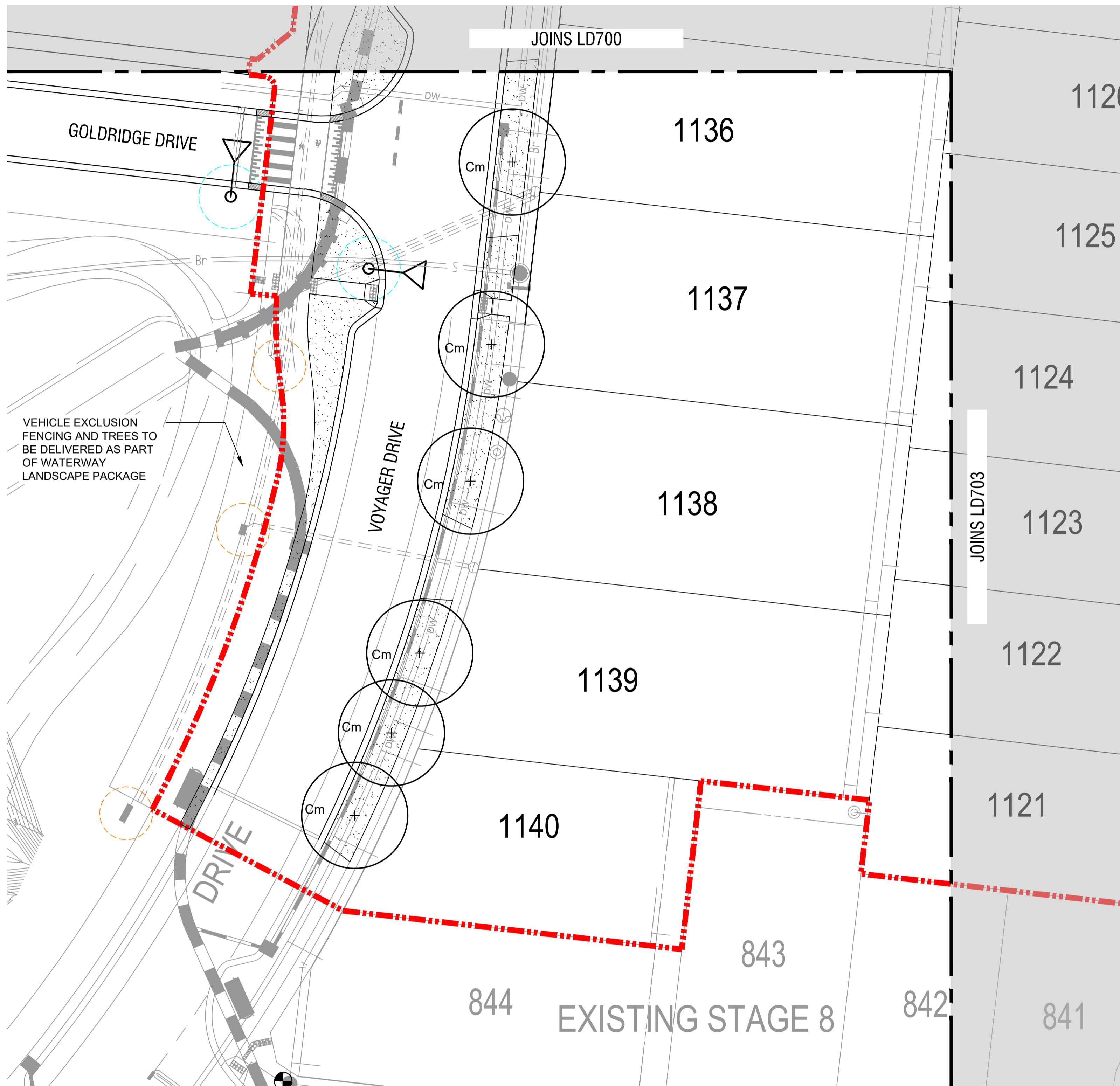
DESIGNED	DRAWN	CHECKED	APPROVED
AS	AS	ML	MB
DATE	DRG NO.	REV	
17/08/2021	308529LD701	D	

file name: 308529LD700.dwg layout name: LD701 plotted by: Ananya Sathya
 file location: C:\308529\landscape\CAD\plot\date: 23/09/2021 13:39 AM Sheet 3 of 6 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 Schedules, Details and Specification
-  HYDROSEED GRASS
Refer Details and Specification
-  2.5M ELECTRICAL JOINT AND
CONDUIT END OFFSET
-  3M LIGHT POLE AND
PARALLELING PILLAR OFFSET

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: 4 of 6
 Date Permit issued: 4 August 2017

 Date: 7/10/2021
 Town Planner



NOTES

spiire

© Spiire Australia Pty Ltd All Rights Reserved
 This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

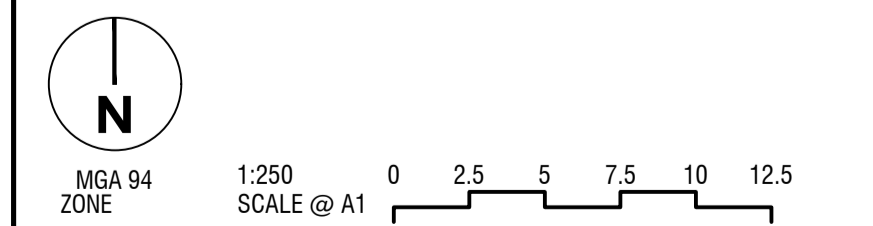
**414 LA TROBE STREET PO BOX 16084 MELBOURNE
 VICTORIA 8007 AUSTRALIA T 61 3 9993 7888**
www.spiire.com.au ABN 55 050 029 635

PRELIMINARY

REV	DESCRIPTION	APP	DATE
D	ISSUED TO COUNCIL	ML	23/09/21
C	ISSUED TO COUNCIL	SV	16/09/21
B	ISSUED TO COUNCIL	SV	17/08/21
A	ISSUED TO CLIENT	SV	13/08/21

**RATHDOWNNE
 STAGE 11 - STREETSCAPES**


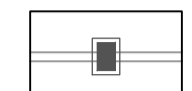
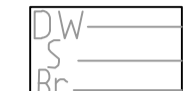
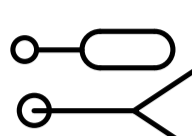
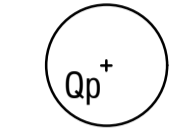



DETAILED DESIGN
 PLANTING PLANS - SHEET 3
 SHEET 4 OF 6
 CITY OF WHITTLESEA
 VILLAWOOD

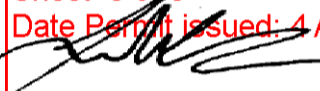


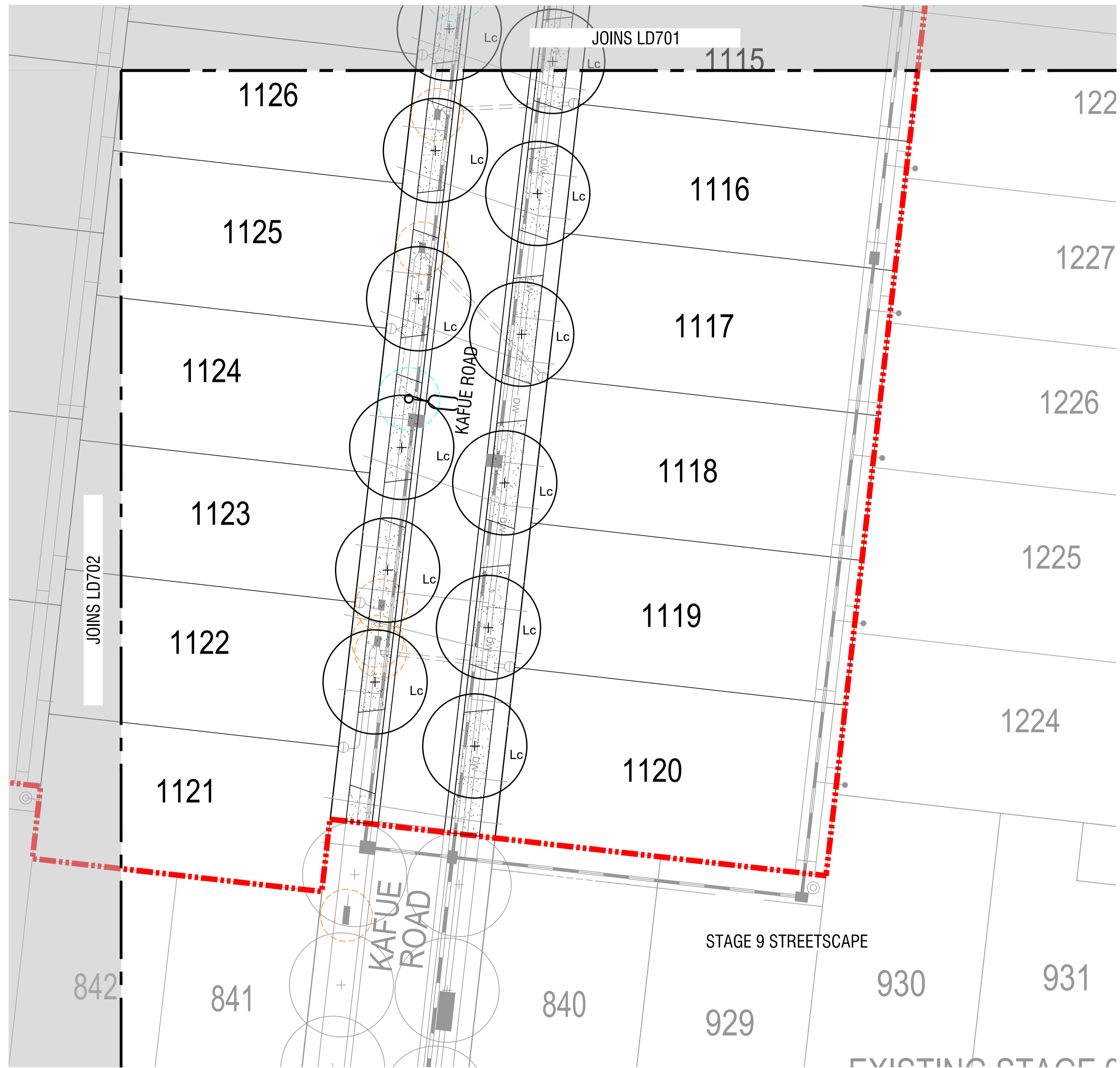
DESIGNED	DRAWN	CHECKED	APPROVED
AS	AS	ML	MB
DATE	DRG NO.	REV	
17/08/2021	308529LD702	D	

file name: 308529LD702.dwg layout name: LD702 plotted by: Ananya Sathya
 file location: G:\308529\landscapes\CAD\plot\date: 23/09/2021 10:36 AM Sheet: 4 of 6 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 Schedules, Details and Specification
-  HYDROSEED GRASS
Refer Details and Specification
-  2.5M ELECTRICAL JOINT AND
CONDUIT END OFFSET
-  3M LIGHT POLE AND
PARALLELING PILLAR OFFSET

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 5 of 6
 Date Permit Issued: 4 August 2017
 Date: 7/10/2021
 Town Planner



NOTES

spiire

© Spiire Australia Pty Ltd All Rights Reserved
 This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

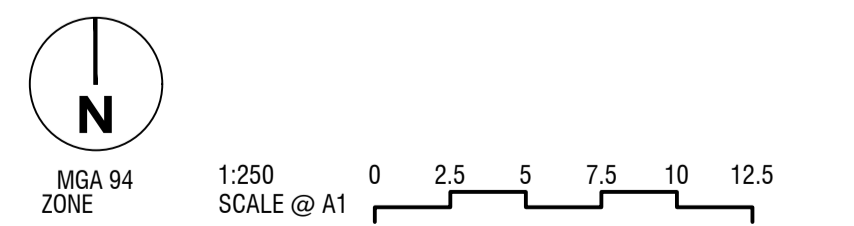
**414 LA TROBE STREET PO BOX 16084 MELBOURNE
 VICTORIA 8007 AUSTRALIA T 61 3 9993 7888**
www.spiire.com.au ABN 55 050 029 635

PRELIMINARY

REV	DESCRIPTION	APP	DATE
D	ISSUED TO COUNCIL	ML	23/09/21
C	ISSUED TO COUNCIL	SV	16/09/21
B	ISSUED TO COUNCIL	SV	17/08/21
A	ISSUED TO CLIENT	SV	13/08/21

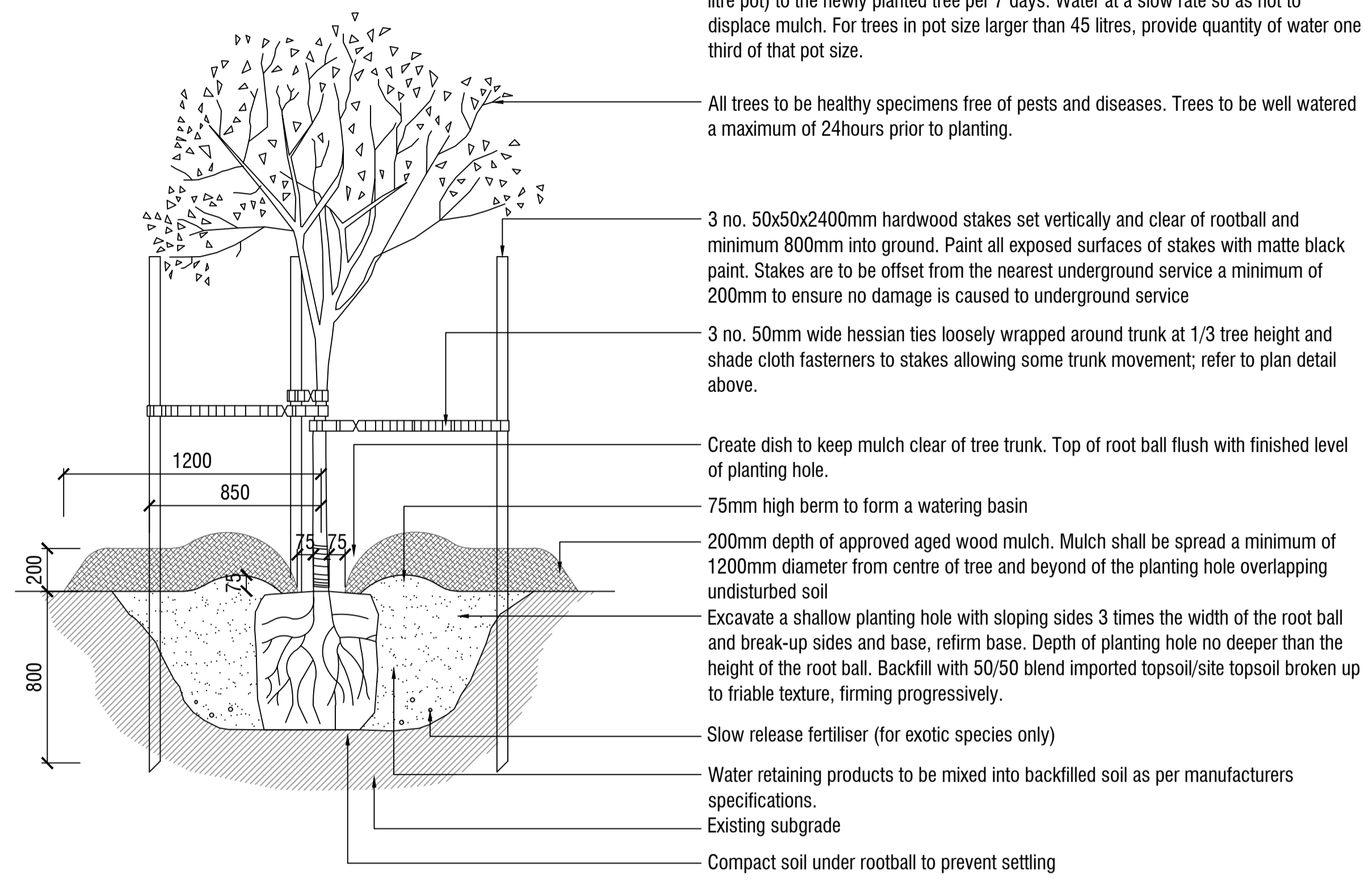
**RATHDOWNE
 STAGE 11 - STREETSCAPES**

DETAILED DESIGN
 PLANTING PLANS - SHEET 4
 SHEET 5 OF 6
 CITY OF WHITTLESEA
 VILLAWOOD



DESIGNED	DRAWN	CHECKED	APPROVED
AS	AS	ML	MB
DATE	DRG NO.	REV	
17/08/2021	308529LD703	D	

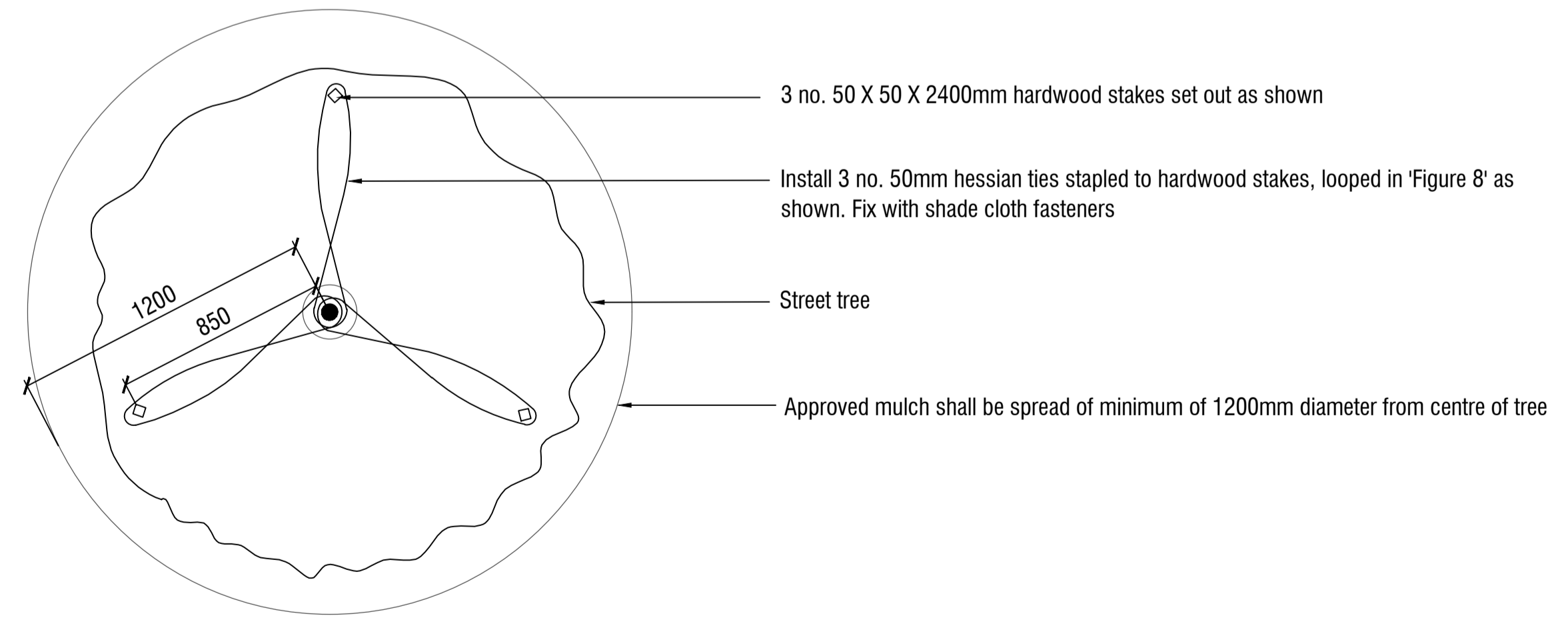
file name: 308529LD703.dwg layout name: LD703 plotted by: Ananya Sathya
 file location: C:\308529\landscapes\CAD\plot\date: 23/09/2021 13:36 AM Sheet 5 of 6 Sheets



- 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
- 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

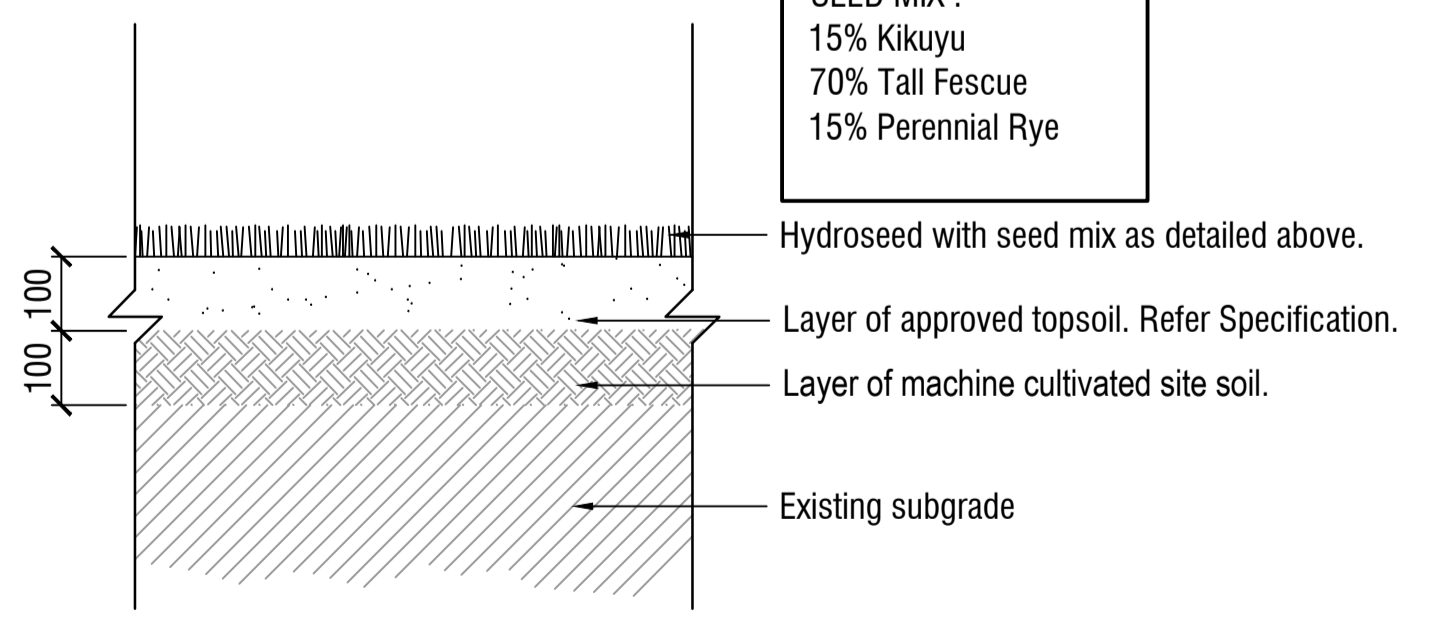


- 3 no. 50 X 50 X 2400mm hardwood stakes set out as shown
- Install 3 no. 50mm hessian ties stapled to hardwood stakes, looped in 'Figure 8' as shown. Fix with shade cloth fasteners
- Street tree
- Approved mulch shall be spread of minimum of 1200mm diameter from centre of tree

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

3 HYDROSEED GRASS DETAIL
 Scale 1:10 @ A1

NOTES



© Spiire Australia Pty Ltd All Rights Reserved
 This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

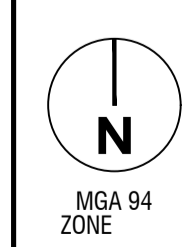
414 LA TROBE STREET PO BOX 16084 MELBOURNE
 VICTORIA 8007 AUSTRALIA T 61 3 9993 7888
 www.spiire.com.au ABN 55 050 029 635

PRELIMINARY

REV	DESCRIPTION	APP	DATE
D	ISSUED TO COUNCIL	ML	23/09/21
C	ISSUED TO COUNCIL	SV	16/09/21
B	ISSUED TO COUNCIL	SV	17/08/21
A	ISSUED TO CLIENT	SV	13/08/21

RATHDOWNE
 STAGE 11 - STREETSCAPES

DETAILED DESIGN
 DETAILS - SHEET 1
 SHEET 6 OF 6
 CITY OF WHITTLESEA
 VILLAWOOD



AS SHOWN

DESIGNED	DRAWN	CHECKED	APPROVED
AS	AS	ML	MB
DATE	DRG NO.	REV	
17/08/2021	308529LD900	D	