



BULMANS ROAD

Westlake Drive to Centenary Avenue

Landscape Plans

LANDSCAPE DRAWING SCHEDULE	
BR UPGRADE DUPLICATION - STAGE 1	
DRAWING	DESCRIPTION
LP-ST1-0001	COVER SHEET & CONTENTS
LP-ST1-0002	DESIGN INTENT AND PLANTING LIST
LP-ST1-0003	KEY PLAN
LP-ST1-0004	LEGEND
LP-ST1-0005	GENERAL NOTES
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LP-ST1-0021	LANDSCAPE PLAN - SHEET 1 OF 8
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LP-ST1-0030	PLANTING SCHEDULE

DETAILED DESIGN

				GENERAL NOTES	  	DESIGNED		CHECKED			BULMANS ROAD - STAGE 1 Westlake Drive to Centenary Avenue				
							PK								
						APPROVED									
						DRAWING No:		27/05/2022	SCALE OF METRES						
ISSUE	APP'D	DATE	AMENDMENT					LP-ST1-0001		Hor. Scale Ver.			FILE NO.	CONTRACT NO.	SHEET NO.

Design Intent

The intent of the landscape design for the Bulmans Road Upgrade Project is to mitigate and minimise where possible the impact of the road duplication to the landscape, residents and users. The design aims to merge with and be sympathetic to the existing landscape of the road corridor and adjacent context.

A key design aim is to continue the streetscape planting character and design intent along Bulmans Road with particular emphasis on avenue tree planting within the median and verges where space permits.

Grassed medians area proposed where they are wide enough to be maintained by mowing. Narrow areas are generally massed planting out with feature low groundcovers and tussocks.

Proposed tree planting within the median and along verges are not proposed to be protected by barriers as agreed to by relevant stakeholders.

Low massed feature tussock planting is included at median and outer separator noses where appropriate, consistent with the concept design. Steep batters that cannot be mown are proposed to be massed planted tussocks.

Low feature shrubs are proposed within the outer separator as shown on the concept plans.

Planting is designed to provide improved amenity and consistency with other landscaped sections along Bulmans Road and surrounding streetscapes. The planting proposed is simple and robust and once established should provide a relatively low maintenance landscape.

Design Process

The landscape design is consistent with Councils landscape concept design and has been adjusted as necessary to integrate the landscape with the civil and drainage design, existing/proposed services and other site features. Species selection and composition is also informed by the Councils landscape concept design.



The landscape preliminary design has been coordinated with and informed by the Civil Designers and Council and incorporates comments from these and other stakeholders where appropriate.

Suggested Plant Species

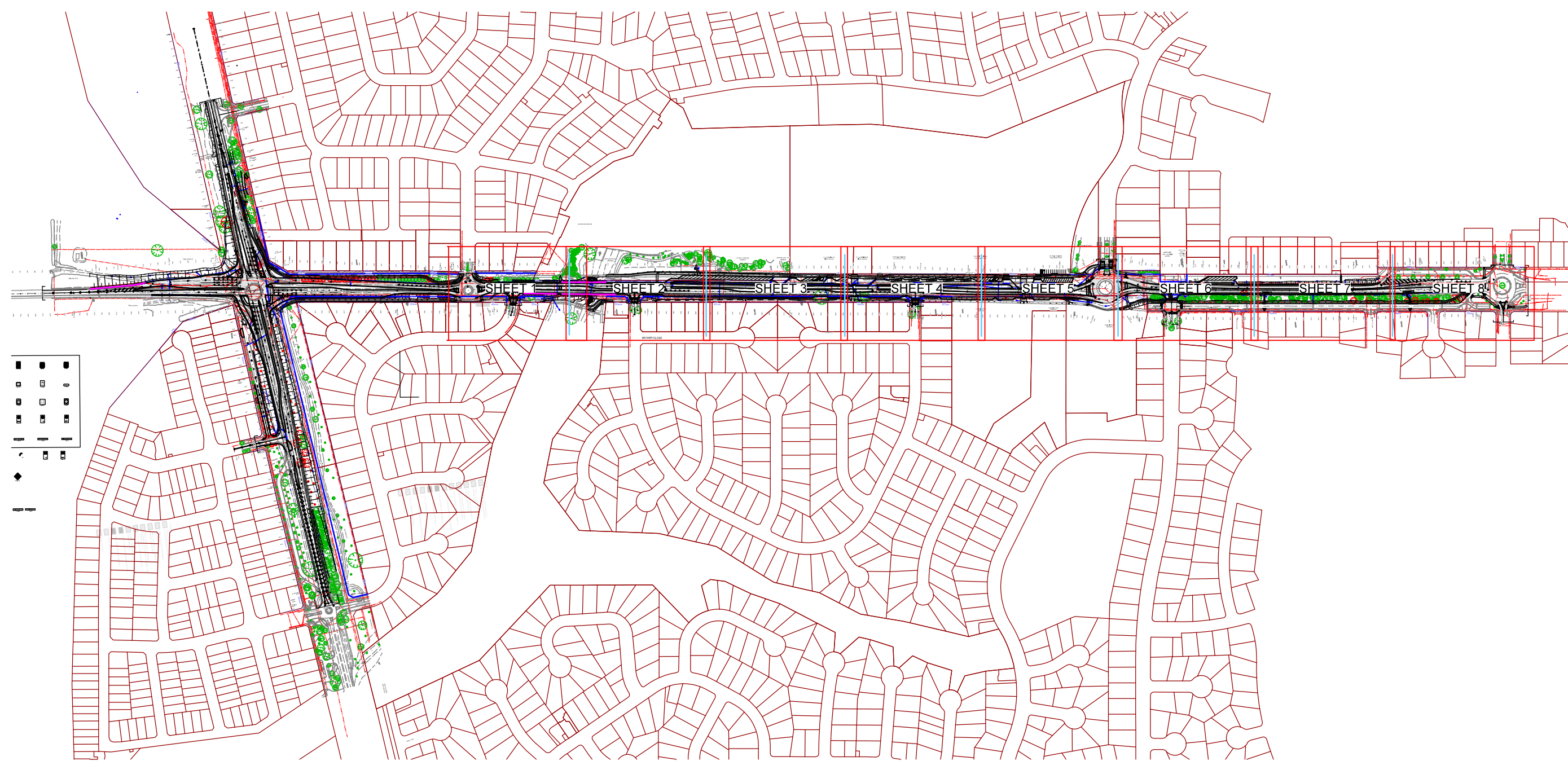


Code	Scientific Name	Common Name	Pot Size	Mature size (H x W) M.	Density plants/m2
Avenue Trees Proposed					
Cmac	<i>Corymbia maculata</i>	Spotted Gum	45 Litre	30.0 x 10.0	As Shown
Proposed Sheoaks					
Aver	<i>Allocasuarina verticillata</i>	Drooping Sheoak	45 Litre	7.0 x 4.0	As Shown
Mix A	Low feature shrubs/groundcovers				
	<i>Atriplex semibaccata</i>	Australian Saltbush	Tubestock - 0.2L.	Spreading	2
Mix B	Low feature shrubs/groundcovers				
	<i>Myoporum parvifolium</i>	Creeping Boobialla	Tubestock - 0.2L.	Spreading	2
Mix C	Low feature shrubs/groundcovers				
	<i>Carpobrotus glaucescens "Aussie Rambler"</i>	Pigface	Tubestock - 0.2L.	Spreading	2
Mix D	Low feature tussocks				
	<i>Lomandra longifolia 'Tanika'</i>	Tanika Lomandra	Tubestock - 0.2L.	0.7 x 0.6	4
Mix E	Native groundcovers/tussocks				
	<i>Correa reflexa nummularifolia</i>	Correa	Tubestock - 0.2L.	Spreading	4
	<i>Ficinia nodosa</i>	Knobby Club-rush	Tubestock - 0.2L.	0.6 x 0.6	4
	<i>Lomandra longifolia 'Tanika'</i>	Tanika Lomandra	Tubestock - 0.2L.	0.7 x 0.6	4

DETAILED DESIGN

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ISSUE	APP'D	DATE	AMENDMENT			DRAWING No:		27/05/2022	SCALE OF METRES	FILE NO.	CONTRACT NO.	SHEET NO.		ISSUE
						LP-ST1-0002								

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DETAILED DESIGN

ISSUE	APP'D	DATE	AMENDMENT
C	PL	27052022	Detailed Design
B	PL	13052022	Detailed Design
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GENERAL NOTES



DESIGNED	CHECKED
APPROVED	PK

DRAWING No: LP-ST1-0003

27/05/2022


SCALE OF METRES

Hor. Scale Ver. Metres


BULMANS ROAD - STAGE 1 Westlake Drive to Centenary Avenue				
KEY PLAN				
FILE NO.	CONTRACT NO.	SHEET NO.		ISSUE

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LEGEND




Trees to be retained




Trees to be removed




Proposed native avenue trees




Proposed Sheoaks




Mix A - Low feature shrubs/groundcovers




Mix B - Low feature shrubs/groundcovers




Mix C - Low feature shrubs/groundcovers



Mix D - Massed low tussocks



Mix E - Native groundcovers/tussocks




Grassing


Note: All disturbed areas that are not mulched planting beds or pavement shall be grassed in accordance with VicRoads standard specification Section 720.

Grass mix to be 50:50 Kikuyu/Rye in areas less than 3.0m wide. All other areas shall be rolled Kikuyu turf.


SERVICES
(Refer to civil packages for details)




EXISTING UNDERGROUND DRAINS




ABANDONED UNDERGROUND DRAINS




EXISTING SURFACE DRAINAGE (SWALES)




EXISTING OVERHEAD POWER




EXISTING UNDERGROUND POWER




EXISTING TELECOM




EXISTING SEWER




EXISTING GAS




EXISTING WATER




PROPOSED ELECTRICAL AND ITS CONDUIT (to be included in final design)




EXISTING TRANSMISSION TOWER




PROPOSED UNDERGROUND DRAINAGE AND PITS




PROPOSED GUARD FENCE




ROW BOUNDARY (PROPOSED - SPECIFIED CONTROL OVERLAY SCO)




ROW BOUNDARY (EXISTING - SPECIFIED CONTROL OVERLAY SCO)




PROPOSED CONCRETE PATHS/SURFACES




EXISTING/PROPOSED SIGNS



EXISTING/PROPOSED LIGHTING (to be included in final design)






PROPOSED DRAINAGE CULVERTS



PROPOSED FENCING

DETAILED DESIGN

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GENERAL PLANTING NOTES

PLANTS ARE TO BE SET OUT IN ACCORDANCE WITH SPECIFIED SPACING'S - REFER TO PLANTING SCHEDULES.

PLANTING AREAS ARE TO BE SET OUT ON SITE BY SCALING OFF THE DRAWINGS AND IN ACCORDANCE WITH ANY SPECIFIED PLANTING OFFSET DIMENSIONS AND/OR DRAWING NOTES.

WHERE A MIX OF PLANT SPECIES IS SPECIFIED, ENSURE THAT A TOTALLY RANDOM PLACEMENT OF THE DIFFERENT SPECIES IS ACHIEVED WITHIN THE DESIGNATED PLANTING AREA. PLANTING DENSITIES AND PROPORTIONS HAVE BEEN SPECIFIED TO ACHIEVE COVERAGE WITHIN THE PLANTING AREAS ONCE PLANTS HAVE REACHED MATURE SIZE.

SET OUT OF PLANTING AREAS TO BE INSPECTED BY SUPERINTENDENT PRIOR TO GROUND PREPARATION.

WHERE INDIGENOUS PLANT SPECIES ARE SPECIFIED, THE CONTRACTOR SHALL ENSURE THAT PLANT STOCK IS OF LOCAL PROVENANCE. I.E. WITHIN 25KM OF THE PROJECT SITE.

WHERE EXISTING VEGETATION IS TO BE RETAINED:-

- VEGETATION IS TO BE PROTECTED WITH AN APPROVED TEMPORARY BARRIER.
- NO GROUND RIPPING OR CULTIVATION IS TO BE UNDERTAKEN IN THESE AREAS.
- CARE MUST BE TAKEN WHEN GROUND PREPARATION OR LANDSCAPE WORKS ARE UNDERTAKEN IN ADJOINING AREAS. WORKS ARE SUBJECT TO ON SITE CONFIRMATION AND APPROVAL.
- ARBORIST TO PROVIDE ADVICE ON TREE PROTECTION ZONES WHERE REQUIRED.

LANDSCAPE WORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH VICROADS SPECIFICATION SECTION 720 - LANDSCAPE WORKS.

LANDSCAPE WORKS WITHIN WATERWAYS SHALL BE UNDERTAKEN IN ACCORDANCE WITH RELEVANT WATER AUTHORITIES REQUIREMENTS.

WHEREVER POSSIBLE MULCH DERIVED FROM SITE TREE REMOVAL SHALL BE USED OVER PLANTING AREAS. ENSURE MULCH IS WEED FREE.

ALL DISTURBED GROUND OUTSIDE OF PROPOSED MULCHED PLANTING AREAS AND PAVED AREAS SHALL BE REINSTATED WITH GRASSING IN ACCORDANCE WITH SECTION 720 OF THE SPECIFICATION.

PLANTING OFFSETS NOTES

PROPOSED TREES ARE TO BE PLANTED TO CONFORM WITH VICROADS TREE PLANTING POLICY AND ADOPT APPROVED SAFETY REQUIREMENTS.

TREES SHALL NOT BE PLANTED CLOSER THAN 3.0 METRES TO BRIDGES AND OTHER STRUCTURES, INCLUDING NOISE WALLS, RETAINING WALLS, HEADWALLS, AND ROCK BEACHING.

TREES SHALL NOT BE PLANTED CLOSER THAN 1.0 METRES TO PROPERTY BOUNDARIES.

TREES SHALL NOT BE PLANTED CLOSER THAN 1.0 METRES TO DRAINAGE PIPES AND PITS.

TREES SHALL NOT BE PLANTED CLOSER THAN 1.25 METRES TO THE EDGE OF PROPOSED BICYCLE PATHS AND PEDESTRIAN PATHS. SHRUBS SHALL BE PLANTED SO THEY DO NOT IMPACT SUP AT MATURITY.

TREES PLANTED ADJACENT TO SHARED USE PATHS SHALL BE PRUNED AS REQUIRED DURING ESTABLISHMENT TO MAINTAIN CLEARANCES TO THE PATH IN ACCORDANCE WITH AGRD PART 6A - FIGURE 5.7.

TREES AND NON FRANGIBLE SHRUBS (WITH A TRUNK DIAMETRE >100MM). SHALL NOT BE PLANTED WITHIN THE DEFLECTION ZONE OF WRSB OR GUARD FENCES.

TREES SHALL NOT BE PLANTED CLOSER THAN 10.0M. (HORIZONTALLY) TO OVERHEAD POWER LINES. WHERE 220Kv HIGH VOLTAGE LINES EXIST NO TREES ARE TO BE PLANTED WITHIN EASEMENTS. SMALL TREES AND LARGE SHRUBS PLANTED WITHIN EASEMENTS SHALL NOT EXCEED 3.0M. IN HEIGHT. (REFER TO 'YOUR GUIDE TO PLANTING NEAR ELECTRICITY LINES' SP AUSNET.)

TREES AND LARGE SHRUBS ARE NOT TO BE PLANTED DIRECTLY OVER UNDERGROUND SERVICES. A MINIMUM OFFSET OF 2.0M. TO TREES AND LARGE SHRUBS IS REQUIRED WHERE POSSIBLE. WHERE TREES OR LARGE SHRUBS NEED TO BE PLANTED CLOSER TO UNDERGROUND SERVICES, APPROPRIATE APPROVAL SHALL BE SOUGHT FROM ASSET OWNERS. THE EXACT LOCATION OF TREES AND LARGE SHRUBS IN THE VICINITY OF UNDERGROUND SERVICES SHALL BE CONFIRMED ON SITE ONCE SERVICE LOCATIONS ARE PROVEN. SMALL SHRUBS AND GROUNDCOVERS CAN BE PLANTED DIRECTLY OVER U/G SERVICES.

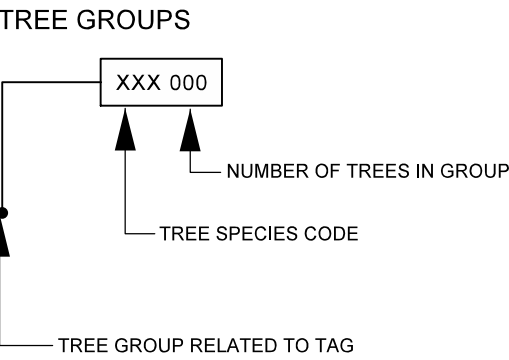
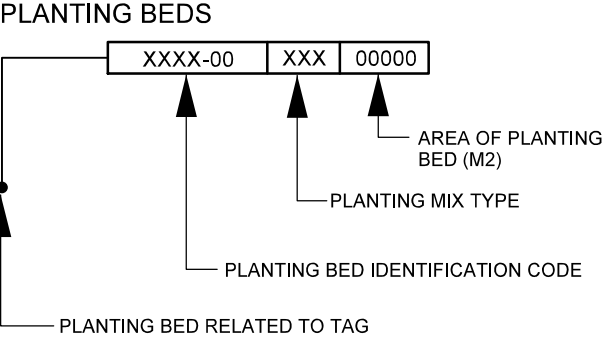
TREES PLANTED IN GRASS SHALL NOT BE PLANTED CLOSER THAN 3.0M. TO THE EDGE OF A MULCHED PLANTING BED TO ENABLE MOWER ACCESS.

DENSE TREES AND SHRUB PLANTING SHALL BE MULCHED AS ONE CONTINUOUS PLANTING BED TO 1 METRE OUTSIDE OF THE PLANT STEM.

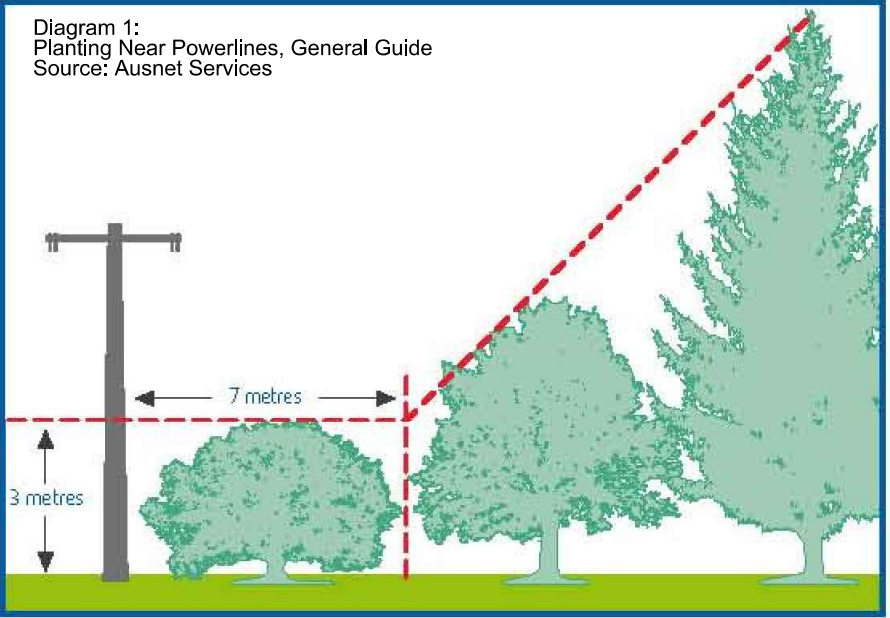
SHRUBS SHALL BE LOCATED SO THAT THE FOLIAGE OF ALL MATURE SHRUBS SHALL BE WITHIN THE RANGE OF 200-1000MM BEHIND THE BACK OF ANY SAFETY GUARD FENCE OR WIRE ROPE BARRIER. TREES SHALL BE PLACED SO THEY DO NOT INTERFERE WITH SAFETY BARRIER DEFLECTION REQUIREMENTS.

PLANTS ARE TO BE SET BACK FROM DRAINAGE SWALE INVERTS, SPOON DRAINS AND PITS SO THE FOLIAGE OF THE PLANS AT MATURITY DOES NOT OBSTRUCT ACCESS FOR MAINTENANCE.

PLANTING TAGS



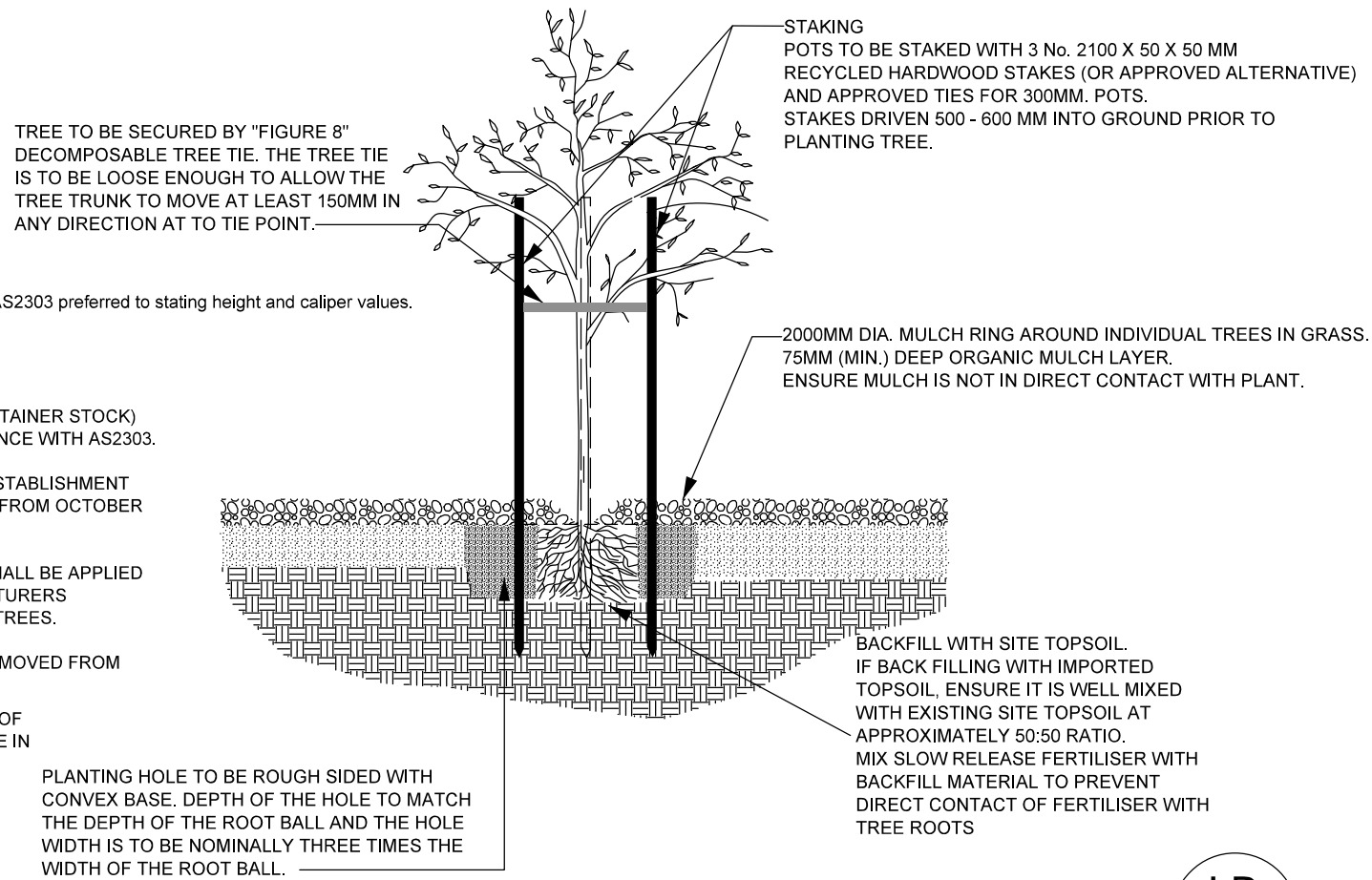
NOTE:
WHERE AN ASTERISK IS SHOWN ON THE TREE SPECIES CODE THESE TREES ARE TO BE PLANTED AS ADVANCED STOCK (REFER TO PLANTING SCHEDULES)



DETAILED DESIGN

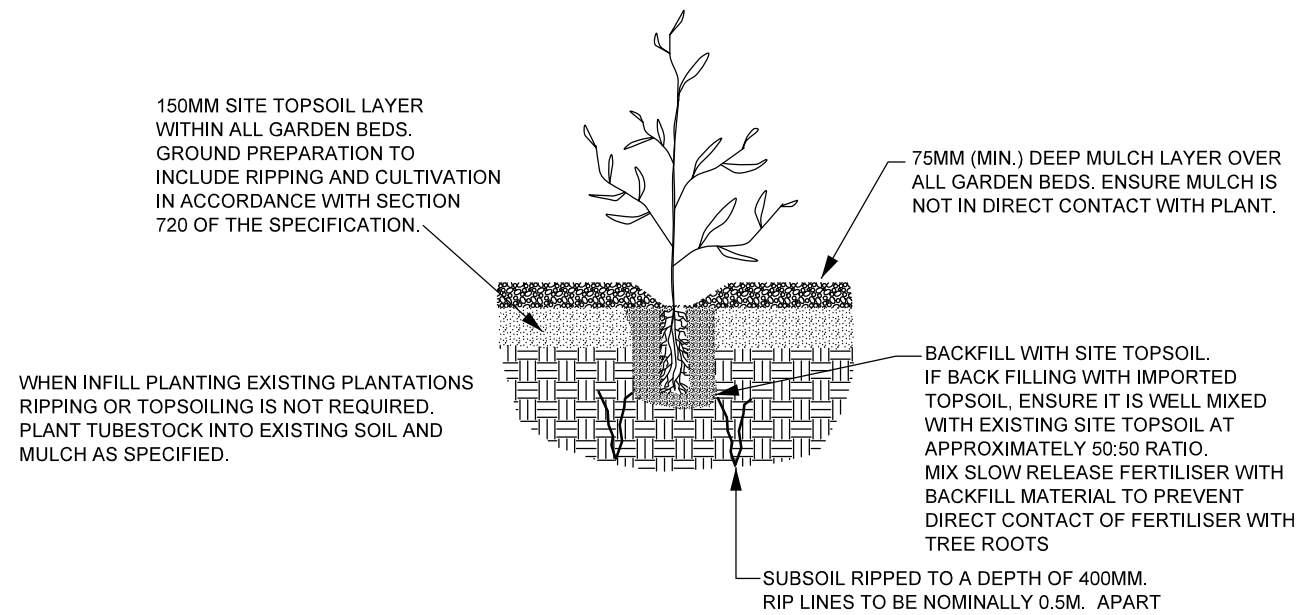
				GENERAL NOTES	<div><div><div>CITY OF MELTON</div><div>Philip Liston Landscape Consultants</div></div><div><div>BG</div><div>&E</div></div></div>	DESIGNED	CHECKED			BULMANS ROAD - STAGE 1 Westlake Drive to Centenary Avenue				
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SEMI-ADVANCED TREE PLANTING
TYPICAL PLANTING DETAIL - NTS

LD
01



TUBESTOCK/POTS WITHIN MULCHED BEDS
TYPICAL PLANTING DETAIL - NTS

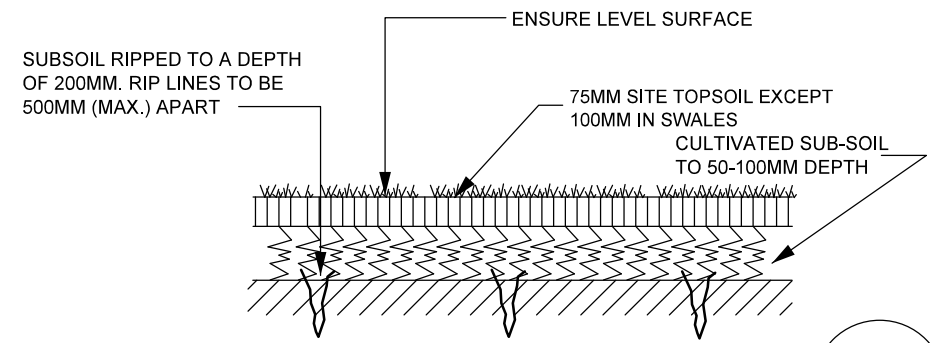
LD
03

ALL DISTURBED GROUND, INCLUDING VERGES AND SWALES, THAT IS NOT TO BE MULCHED AND PLANTED OR PAVED SHALL BE HYDROMULCHED USING THE FOLLOWING MATERIALS AND GRASS MIX.

GRASS MIX :
50:50 KIKUYU/RYE SEED MIX
IN AREAS LESS THAN 3.0M. WIDE.

ALL OTHER AREAS TO BE ROLLED
KIKUYU TURF.

NOTE:-
ENSURE SOIL PROFILES ARE NOT
COMPACTED PRIOR TO SEEDING.



TYPICAL GRASSING DETAIL

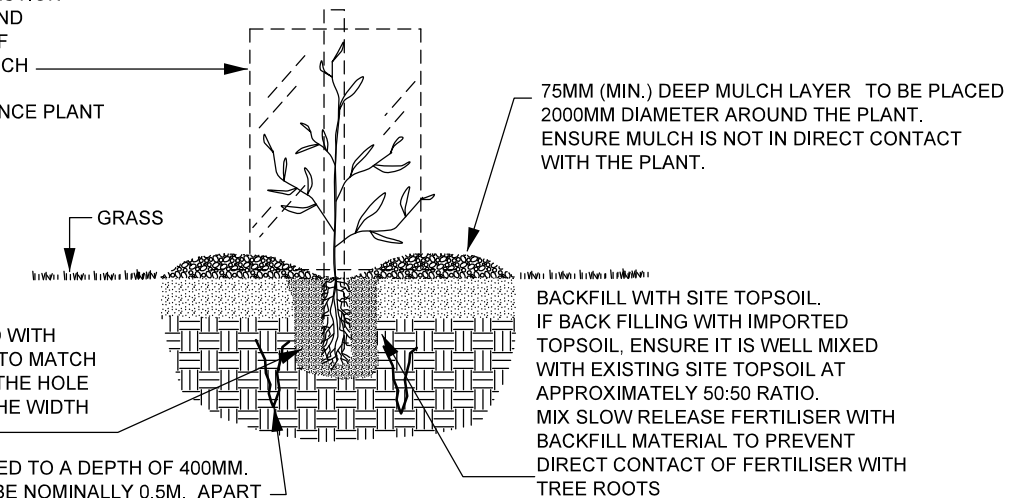
NTS

LD
02

NOTE:-
TREE GUARDS TO COUNCILS SATISFACTION
ARE TO BE INSTALLED WITH TREES AND
SHRUBS IF THERE IS A LIKELY RISK OF
DAMAGE FROM GRAZING ANIMALS SUCH
AS RABBITS.
TREE GUARDS SHALL BE REMOVED ONCE PLANT
REACHES 750-1000MM HEIGHT

PLANTING HOLE TO BE ROUGH SIDED WITH
CONVEX BASE. DEPTH OF THE HOLE TO MATCH
THE DEPTH OF THE ROOT BALL AND THE HOLE
WIDTH IS TO BE NOMINALLY TWICE THE WIDTH
OF THE ROOT BALL.

SUBSOIL RIPPED TO A DEPTH OF 400MM.
RIP LINES TO BE NOMINALLY 0.5M. APART
RIPPING TO COVER A MINIMUM 25M2 PER TREE



TUBESTOCK/POTS WITHIN GRASSED AREAS
TYPICAL PLANTING DETAIL - NTS

LD
04

DETAILED DESIGN

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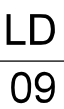
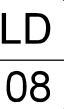
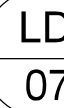
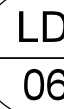
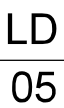
GENERAL NOTES



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LP-ST1-0006	

SCALE OF METRES
Hor. Scale
Ver. Scale
Metres

BULMANS ROAD - STAGE 1 Westlake Drive to Centenary Avenue			
DETAILS - SHEET 1 OF 4			
FILE NO.	CONTRACT NO.	SHEET NO.	ISSUE



GENERAL NOTES



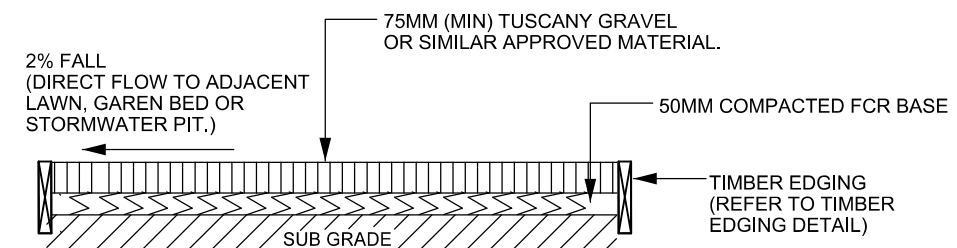
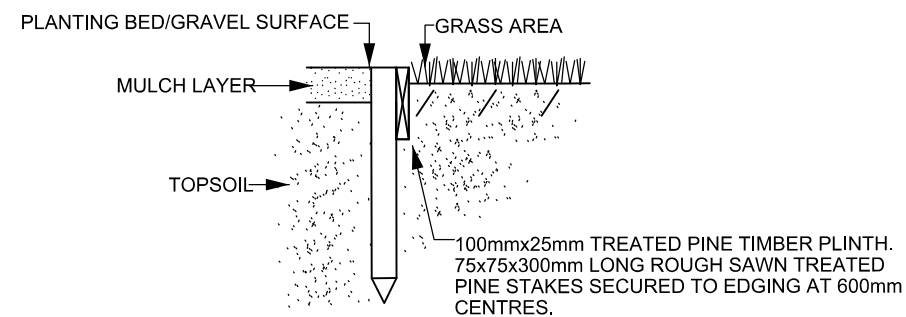
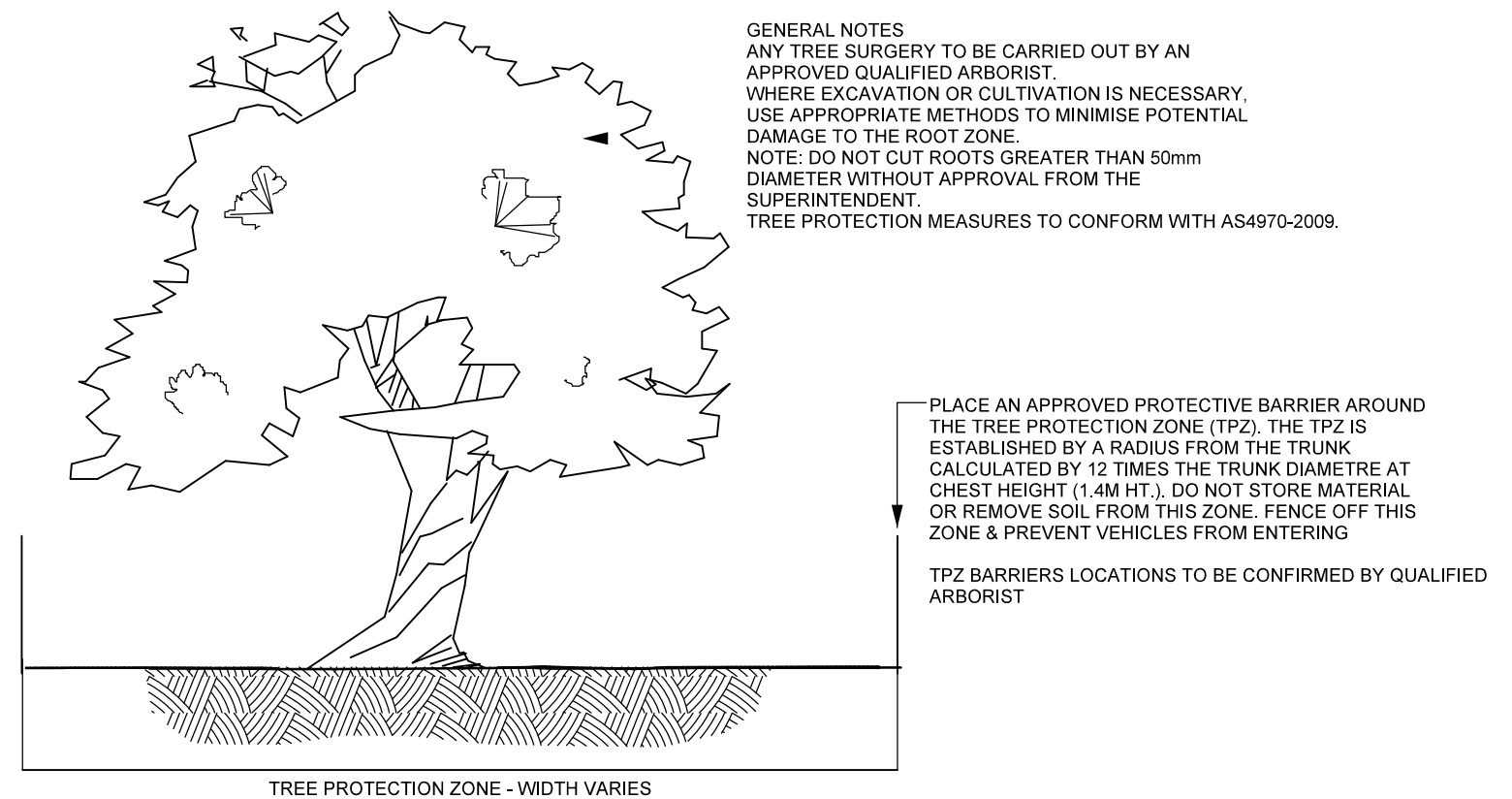
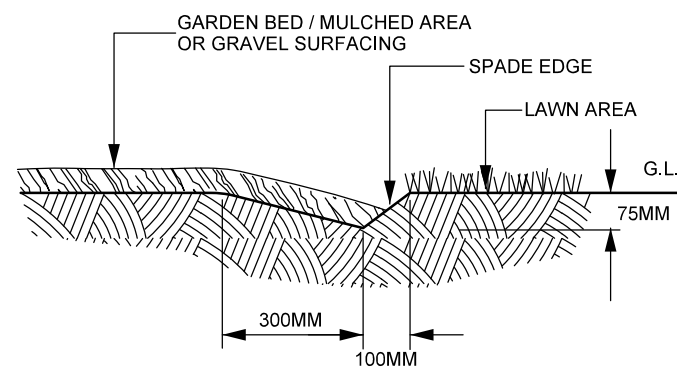
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2	SCALE OF METRES
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DETAILS - SHEET 2 OF 4

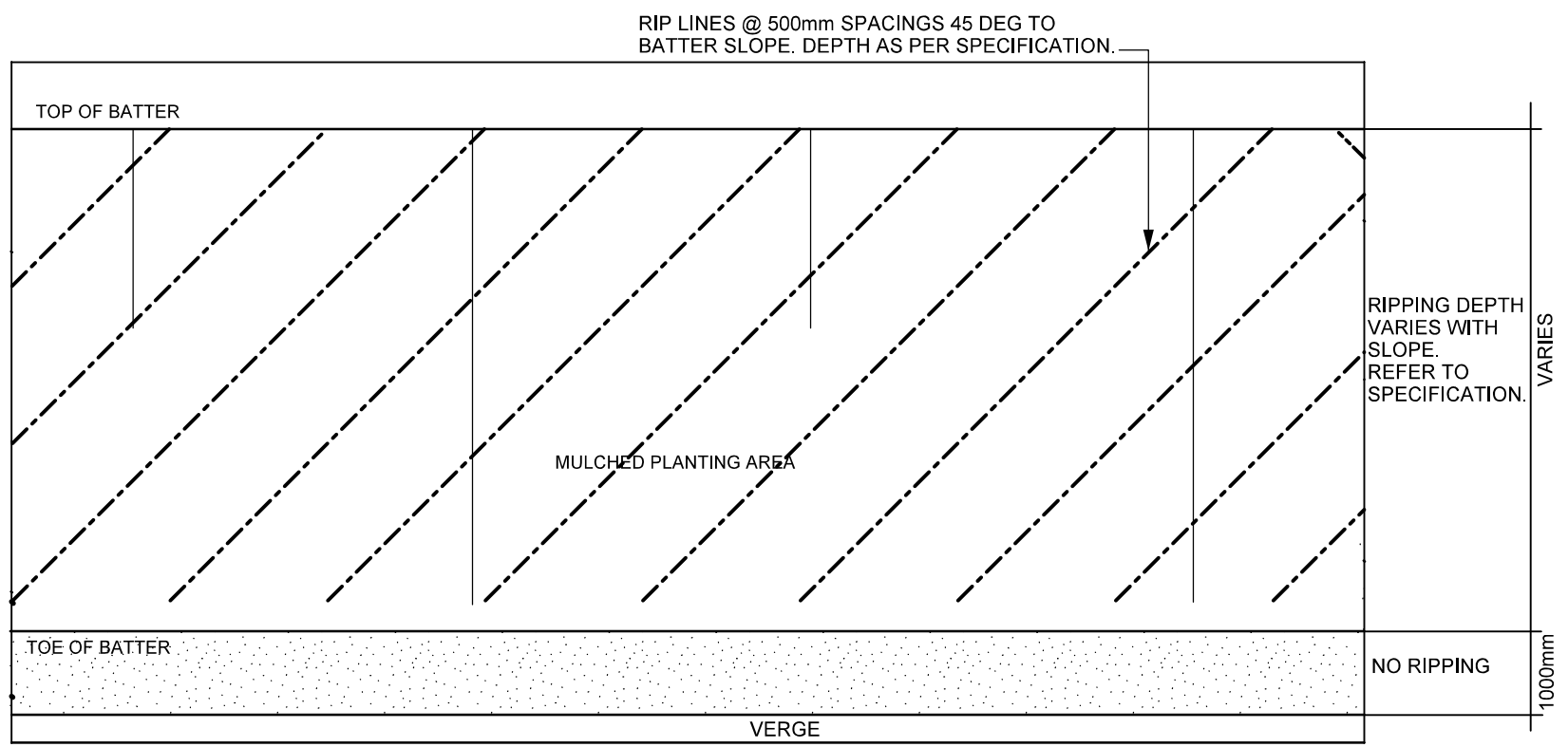
DETAILED DESIGN



DETAILED DESIGN

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ISSUE	APP'D	DATE	AMENDMENT			DRAWING No: 27/05/2022		SCALE OF METRES	FILE NO.	CONTRACT NO.	SHEET NO.		ISSUE
						LP-ST1-0008							

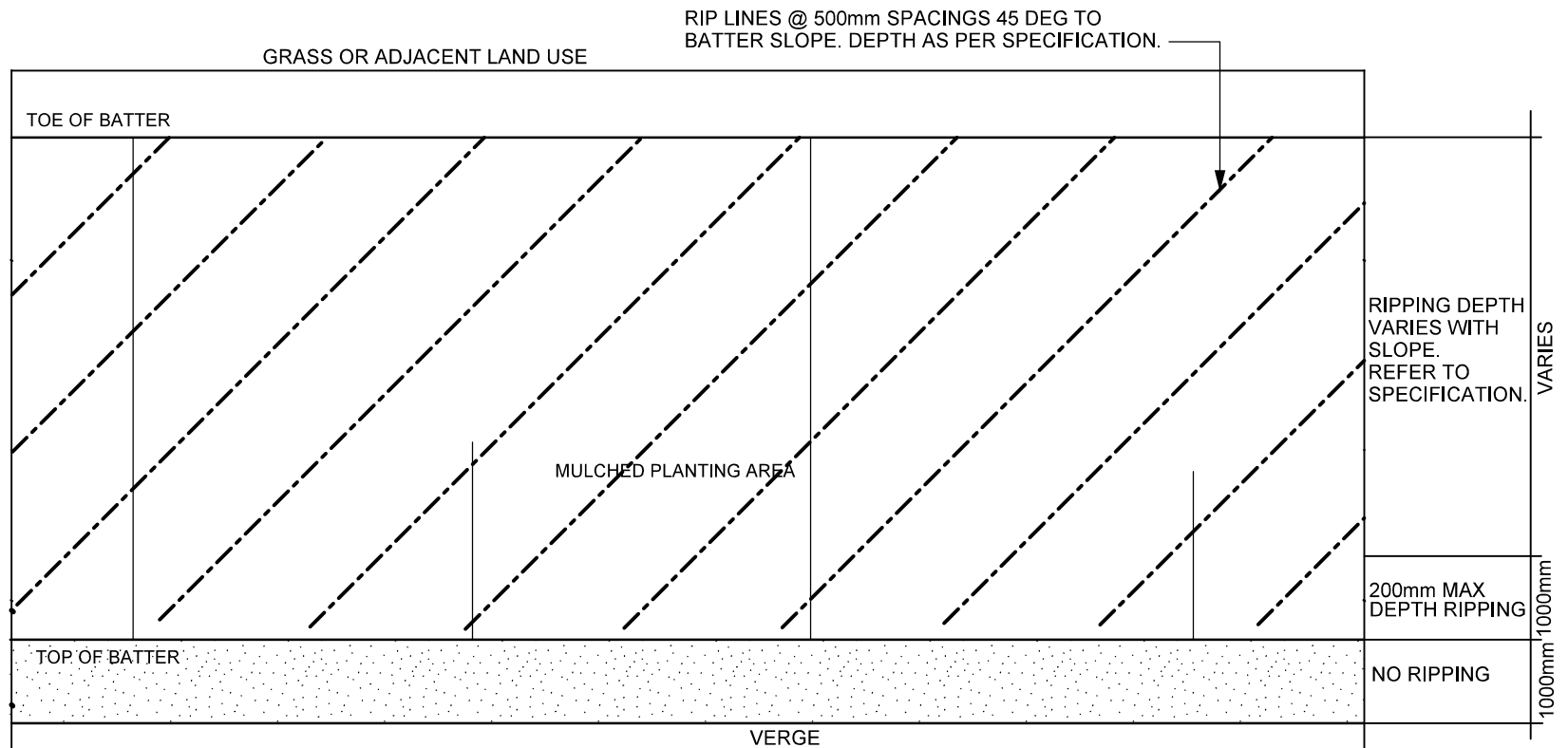
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NOTE: REFER TO SOIL PREPARATION REQUIREMENTS IN SECTION 720 - VICROADS STANDARD SPECIFICATION

DO NOT RIP CLOSER THAN 500mm TO PATHS, WITHIN 1000mm OF STRUCTURES OR 1000mm OF THE VERGE.

TYPICAL CUT BATTER - PLAN VIEW



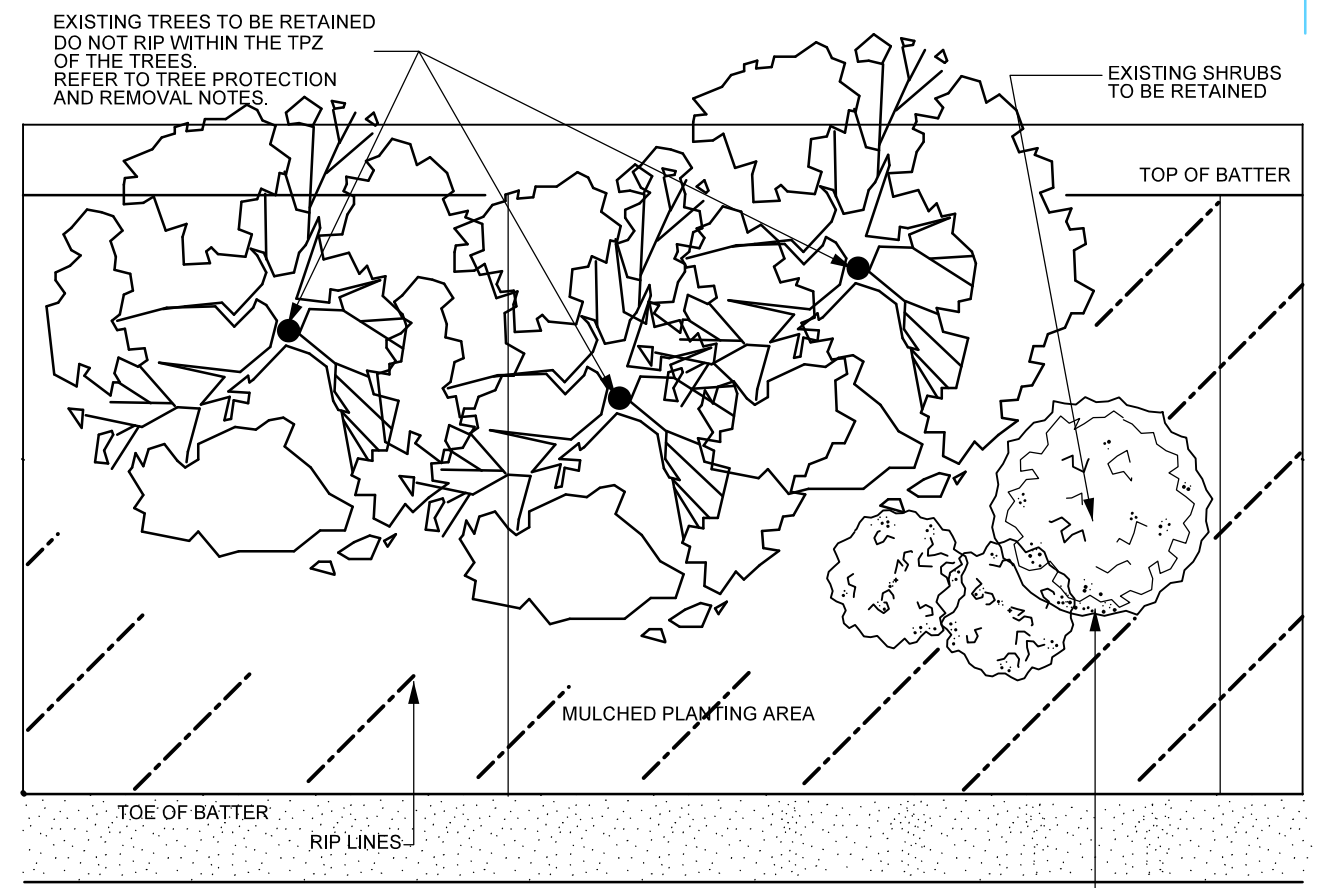
DO NOT RIP CLOSER THAN 500mm TO PATHS, WITHIN 1000mm OF STRUCTURES OR 1000mm OF THE VERGE.

TYPICAL FILL BATTER - PLAN VIEW

RIPPING

LD 14

TYPICAL DETAILS - NTS



NOTE: REFER TO SOIL PREPARATION REQUIREMENTS IN SECTION 720 - VICROADS STANDARD SPECIFICATION

DO NOT RIP CLOSER THAN EDGE OF CANOPY FOR EXISTING SHRUBS TO BE RETAINED.

RIPPING IN THE VICINITY OF EXISTING VEGETATION

TYPICAL DETAILS, PLAN VIEW - NTS

LD 15

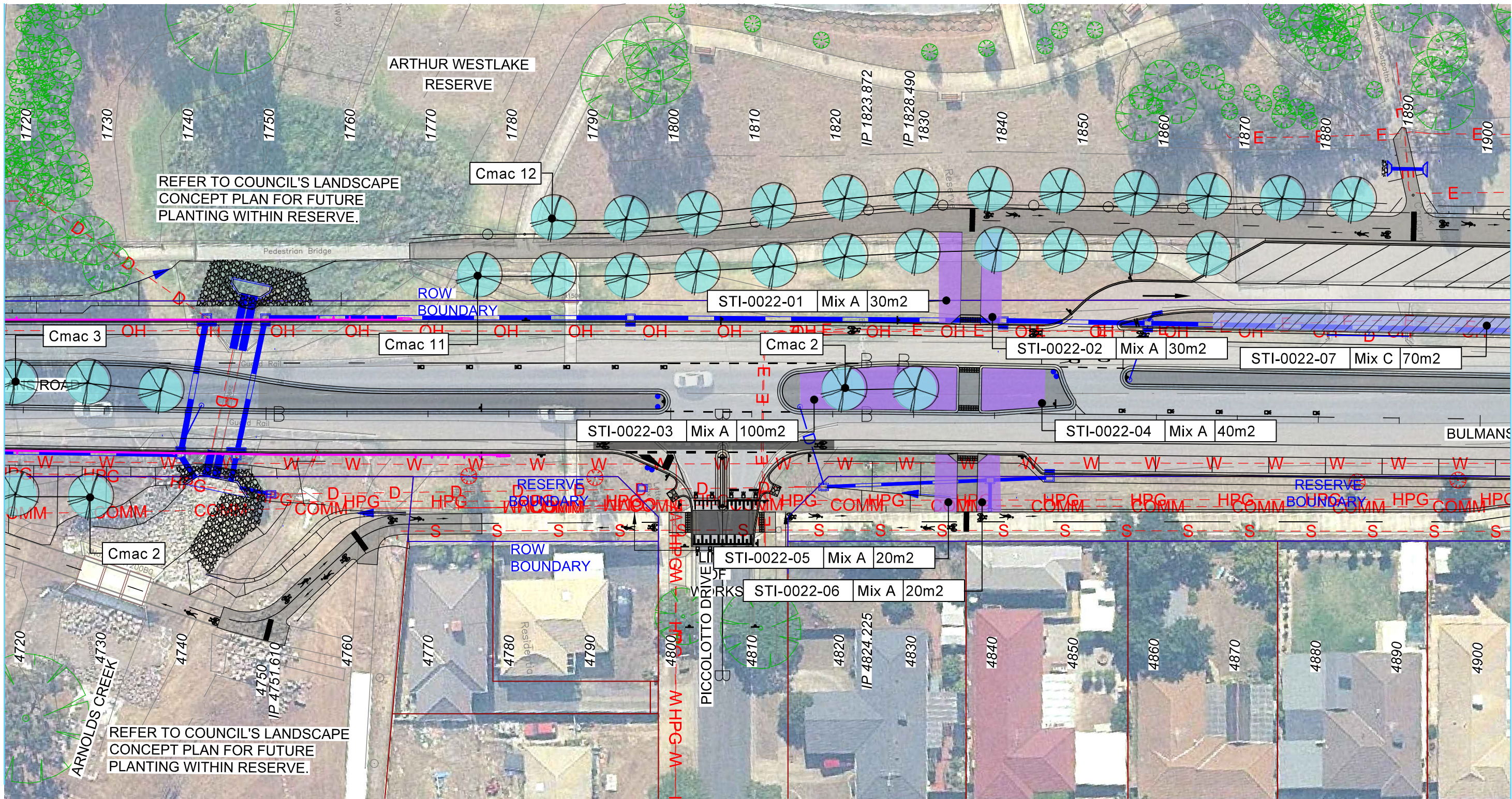
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MATCH TO SHEET 1

MATCH TO SHEET 3



WARNING

BEWARE OF UNDERGROUND/OVERHEAD SERVICES
THE LOCATIONS OF UNDERGROUND/OVERHEAD SERVICES
ARE APPROXIMATE ONLY AND THEIR EXACT POSITION
SHOULD BE PROVEN ON SITE. NO GUARANTEE IS
GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

CAUTION

THIS DRAWING IS BASED ON SURVEY THAT IS
INCOMPLETE AND NOT VERIFIED. THE EXISTING
SURFACE MAY VARY FROM THAT INDICATED
AND SOME FEATURES MAY NOT BE SHOWN.



PRELIMINARY DESIGN

ISSUE	APP'D	DATE	AMENDMENT
A	PL	18032022	Preliminary Design

GENERAL NOTES

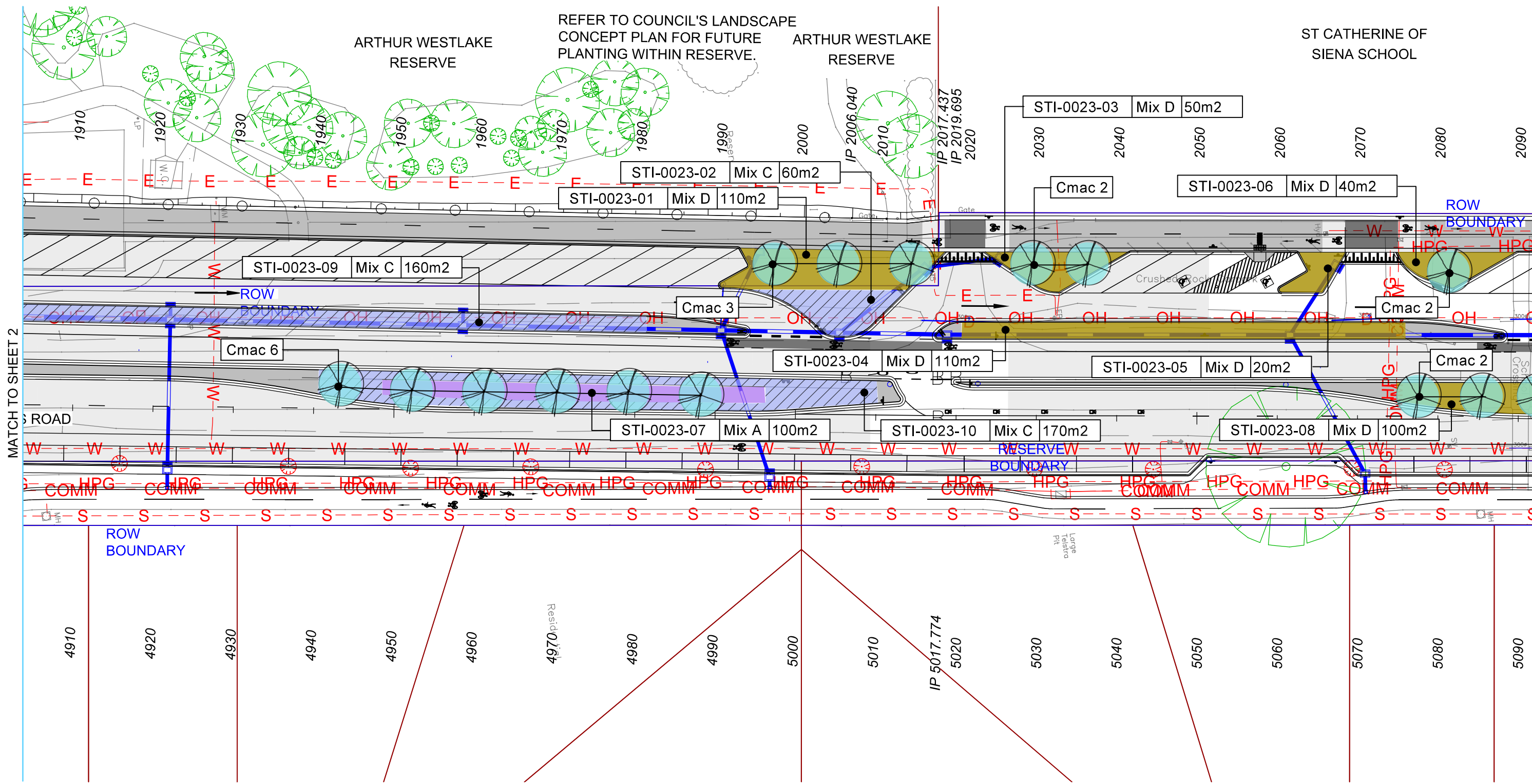


DESIGNED	CHECKED
APPROVED	PK
DRAWING No:	LP-ST1-0022

24/03/2022	SCALE OF METRES
	0 5 10
	Metres

BULMANS ROAD - STAGE 1 Westlake Drive to Centenary Avenue			
LANDSCAPE PLAN - SHEET2 OF 8			
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								Metres			
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								SHEET NO.			
								ISSUE			

PROPOSED SEAT
(TYPE: ADVENTURE PLUS MERIDIAN COMFORT
SEAT WITH ARMS - ALUMINIUM SLATS - BOLT
DOWN - 1.8. MODEL 5260a.
EXACT LOCATION TO BE DETERMINED ON-SITE)

REGIONAL
MELTON

CATHOLIC REGIONAL
COLLEGE MELTON

LIMIT OF
WORKS

CAMBRIAN WAY

PASSIVE IRRIGATION TO FOUR TREES
AS PER MELTON CITY COUNCIL PASSIVE
STREET TREE IRRIGATION DRAWINGS BY
ALLUVIUM.

REFER TO COUNCIL'S LANDSCAPE
CONCEPT PLAN FOR FUTURE
PLANTING WITHIN RESERVE.

MATCH TO SHEET 4

MATCH TO SHEET 6



WARNING

BEWARE OF UNDERGROUND/OVERHEAD SERVICES
THE LOCATIONS OF UNDERGROUND/OVERHEAD SERVICES
ARE APPROXIMATE ONLY AND THEIR EXACT POSITION
SHOULD BE PROVEN ON SITE. NO GUARANTEE IS
GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

CAUTION

THIS DRAWING IS BASED ON SURVEY THAT IS
INCOMPLETE AND NOT VERIFIED. THE EXISTING
SURFACE MAY VARY FROM THAT INDICATED
AND SOME FEATURES MAY NOT BE SHOWN.

GENERAL NOTES

ISSUE	APP'D	DATE	AMENDMENT
C	PL	27052022	Detailed Design
B	PL	13052022	Detailed Design
A	PL	18032022	Preliminary Design



DESIGNED
CHECKED
PK

APPROVED

DRAWING No:
LP-ST1- 0025

27/05/2022

SCALE OF METRES
Hor.
Scale
Ver.
Metres



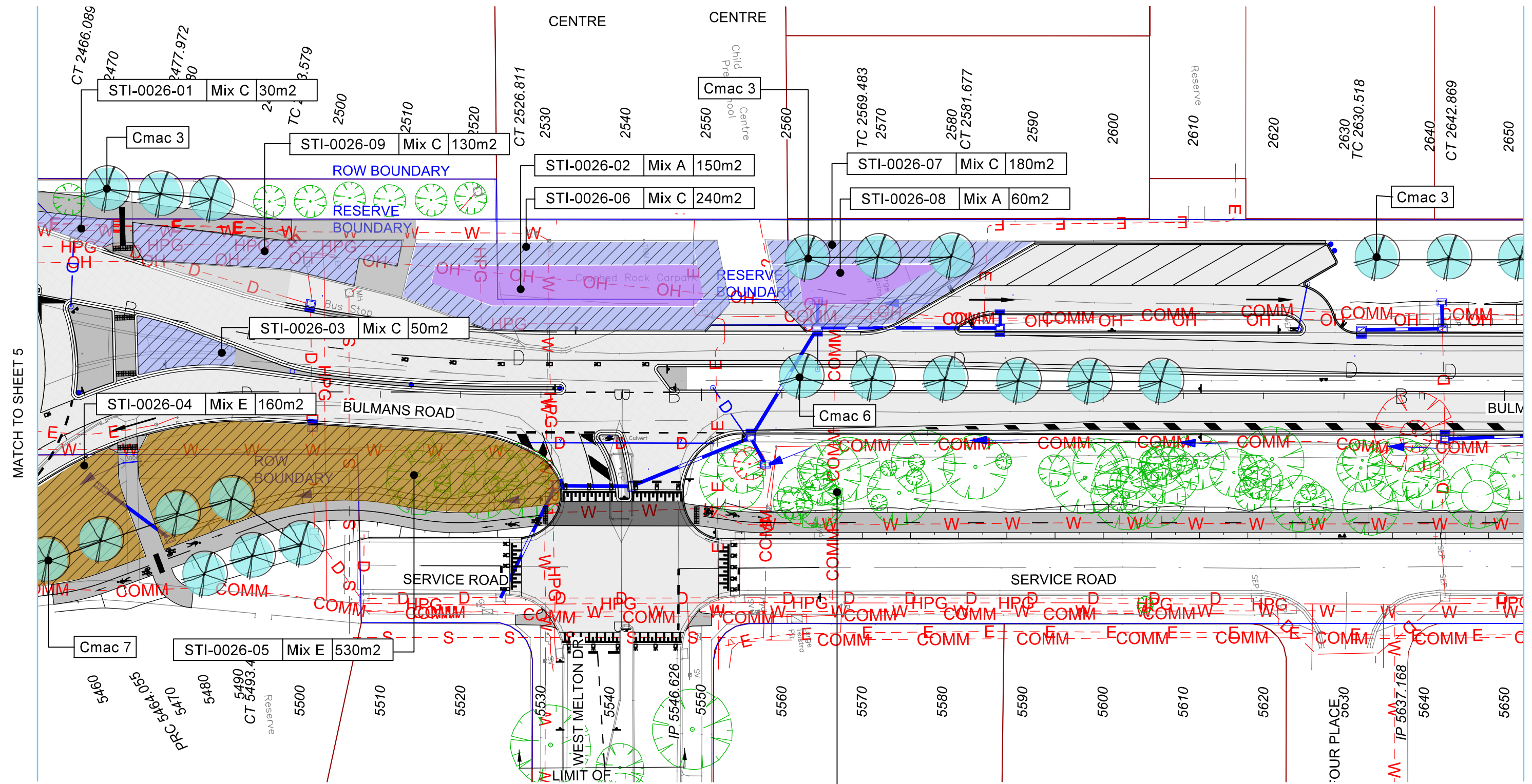
DETAILED DESIGN

BULMANS ROAD - STAGE 1
Westlake Drive to Centenary Avenue

LANDSCAPE PLAN - SHEET 5 OF 8

FILE NO. CONTRACT NO. SHEET NO. ISSUE

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THE EXISTING TREES BETWEEN THE MAIN CARRIAGEWAY
AND SERVICE ROAD ARE TO BE RETAINED AND PROTECTED.
ALL GRASSES AND WEEDS BENEATH THE EXISTING TREES
SHALL BE SPRAYED WITH AN APPROVED HERBICIDE AND
THE GROUND SURFACE SHALL BE MULCHED WITH 75MM. DEEP
ORGANIC RE-CYCLED MULCH.



DETAILED DESIGN

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GENERAL NOTES	

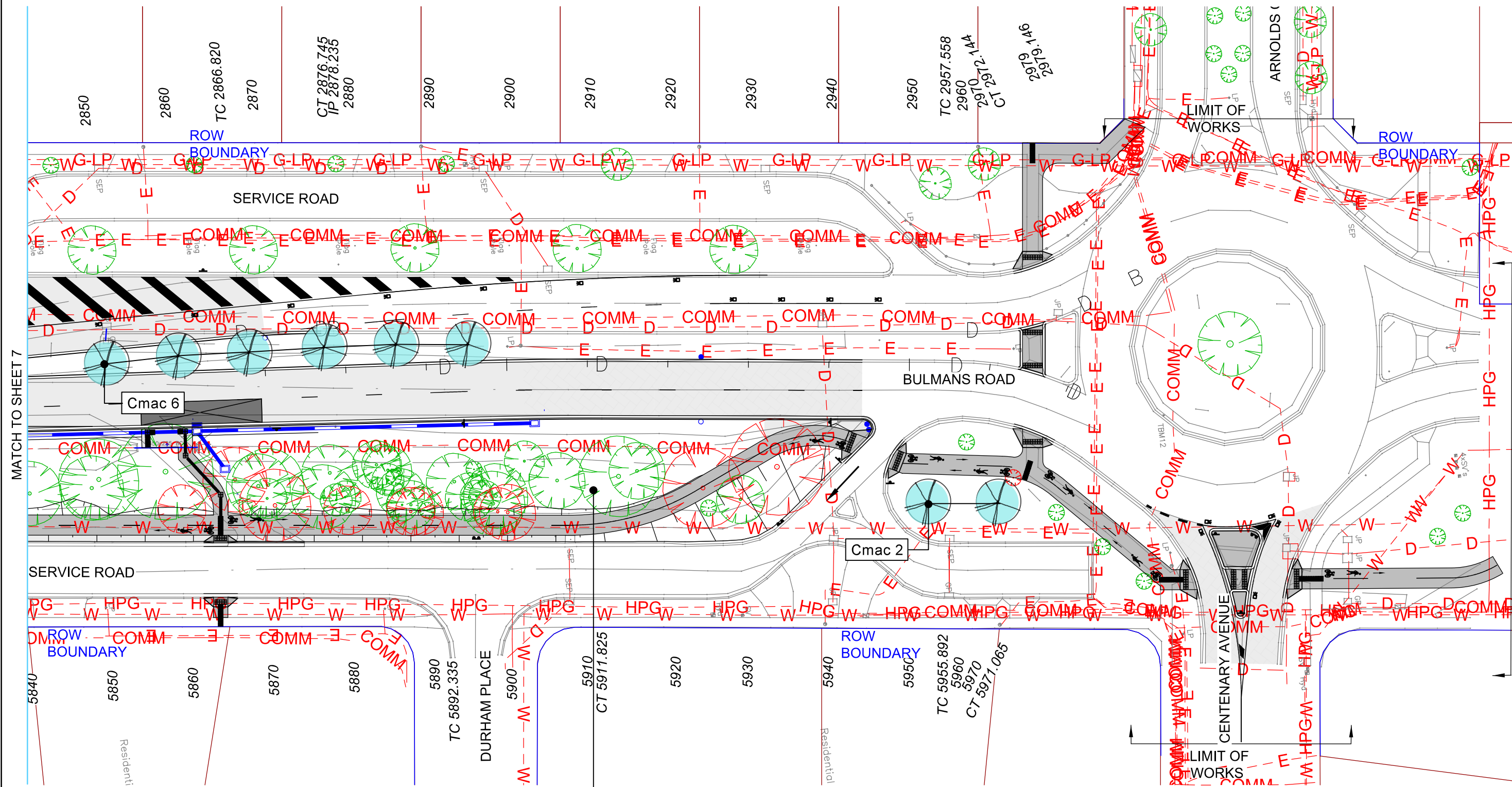


DESIGNED	CHECKED
APPROVED	PK
DRAWING No:	27/05/2022
LP-ST1-0026	

SCALE OF METRES	
Hor.	0 5 10
Ver.	0 5 10
Metres	

BULMANS ROAD - STAGE 1 Westlake Drive to Centenary Avenue			
LANDSCAPE PLAN - SHEET 6 OF 8			
FILE NO.	CONTRACT NO.	SHEET NO.	ISSUE

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DETAILED DESIGN

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GENERAL NOTES



DESIGNED	CHECKED
APPROVED	PK
DRAWING No:	27/05/2022
LP-ST1-0028	SCALE OF METRES
	0 5 10
	Metres



BULMANS ROAD - STAGE 1 Westlake Drive to Centenary Avenue			
LANDSCAPE PLAN - SHEET 8 OF 8			
FILE NO.	CONTRACT NO.	SHEET NO.	ISSUE

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Planting Mixes																																													
Code	Scientific Name	Common Name	Pot Size	Mature size (H x W) M.	Density plants/m2	0021 Specimens	0021-01	0021-02	0021-03	0021-04	0021-05	0022 Specimens	0022-01	0022-02	0022-03	0022-04	0022-05	0022-06	0022-07	0023 Specimens	0023-01	0023-02	0023-03	0023-04	0023-05	0023-06	0023-07	0023-08	0023-09	0023-10	0024 Specimens	0024-01	0024-02	0024-03	0024-04	0024-05	0024-06	0024-07							
	Avenue Trees Proposed																																												
Cmac	Corymbia maculata	Spotted Gum	45 Litre	30.0 x 10.0	As Shown	13						30									14										19														
	Proposed Sheoaks																																												
Aver	Allocasuarina verticillata	Drooping Sheoak	45 Litre	7.0 x 4.0	As Shown	5																																							
Mix A	Low feature shrubs/groundcovers																																												
	Atriplex semibaccata	Australian Saltbush	Tubestock - 0.2L	Spreading	2								60	60	200	80	40	40										200																	
Mix B	Low feature shrubs/groundcovers																																												
	Myoporum parvifolium	Creeping Boobialla	Tubestock - 0.2L	Spreading	2		140																																						
Mix C	Low feature shrubs/groundcovers																																												
	Carpobrotus glaucescens "Aussie Rambler"	Pigface	Tubestock - 0.2L	Spreading	2			80	80	160	200								140			120							320	340															
Mix D	Low feature tussocks																																												
	Lomandra longifolia 'Tanika'	Tanika Lomandra	Tubestock - 0.2L	0.7 x 0.6	4																440		200	440	80	160		400				240	760	160	280	40	320	120							
Mix E	Native groundcovers/tussocks																																												
	Correa reflexa nummularifolia	Correa	Tubestock - 0.2L	Spreading	4																																								
	Ficinia nodosa	Knobby Club-rush	Tubestock - 0.2L	0.6 x 0.6	4																																								
	Lomandra longifolia 'Tanika'	Tanika Lomandra	Tubestock - 0.2L	0.7 x 0.6	4																																								
	Planting Area (m2)							70	40	40	80	100		30	30	100	40	20	20	70		110	60	50	110	20	40	100	100	160	170		60	190	40	70	10	80	30						
	Total Plant Number												18	140	80	80	160	200	30	60	60	200	80	40	40	140	14	440	120	200	440	80	160	200	400	320	340	19	240	760	160	280	40	320	120

Planting Mixes																																				
Code	Scientific Name	Common Name	Pot Size	Mature size (H x W) M.	Density plants/m2	0025 Specimens	0025-01	0025-02	0025-03	0025-04	0025-05	0025-06	0025-07	0025-08	0025-09	0025-10	0025-11	0025-12	0025-13	0025-14	0025-15	0025-16	0026 Specimens	0026-01	0026-02	0026-03	0026-04	0026-05	0026-06	0026-07	0026-08	0026-09	0027 Specimens	0028 Specimens	Total	
	Avenue Trees Proposed																						0026 Specimens													
Cmac	Corymbia maculata	Spotted Gum	45 Litre	30.0 x 10.0	As Shown	31																	22										19	8	156	
	Proposed Sheoaks																																			
Aver	Allocasuarina verticillata	Drooping Sheoak	45 Litre	7.0 x 4.0	As Shown																														5	
Mix A	Low feature shrubs/groundcovers																																			
	Atriplex semibaccata	Australian Saltbush	Tubestock - 0.2L	Spreading	2								180												300						120				1280	
Mix B	Low feature shrubs/groundcovers																																			
	Myoporum parvifolium	Creeping Boobialla	Tubestock - 0.2L	Spreading	2															200															340	
Mix C	Low feature shrubs/groundcovers																																			
	Carpobrotus glaucescens "Aussie Rambler"	Pigface	Tubestock - 0.2L	Spreading	2						220	360		120				300	120		180			60		100			480	360		260			4000	
Mix D	Low feature tussocks																																			
	Lomandra longifolia 'Tanika'	Tanika Lomandra	Tubestock - 0.2L	0.7 x 0.6	4		120	440	400	40					160	160																			4960	
Mix E	Native groundcovers/tussocks																																			
	Correa reflexa nummularifolia	Correa	Tubestock - 0.2L	Spreading	4												200					370					210	700							1480	
	Ficinia nodosa	Knobby Club-rush	Tubestock - 0.2L	0.6 x 0.6	4												200					370					210	710							1490	
	Lomandra longifolia 'Tanika'	Tanika Lomandra	Tubestock - 0.2L	0.7 x 0.6	4												200					370					210	710							1490	
	Planting Area (m2)						30	120	100	10	110	190	90	60	40	40	150	150	60	100	90	280		30	150	50	160	530	240	180	60	130			5190	
	Total Plant Number						31	120	440	400	40	220	360	180	120	160	160	600	300	120	200	180	1110	22	60	300	100	630	2120	480	360	120	260	19	8	15201

DETAILED DESIGN

				GENERAL NOTES	  	DESIGNED		CHECKED			BULMANS ROAD - STAGE 1 Westlake Drive to Centenary Avenue					
						APPROVED		PK								
C	PL	27052022	Detailed Design			DRAWING No:		27/05/2022								
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ISSUE	APP'D	DATE	AMENDMENT													
										SCALE OF METRES		FILE NO.	CONTRACT NO.	SHEET NO.		ISSUE
										<div><div>Hor.</div><div>Scale</div><div>Ver.</div></div> <div><div>0</div><div>5</div><div>10</div></div> <div>Metres</div>						