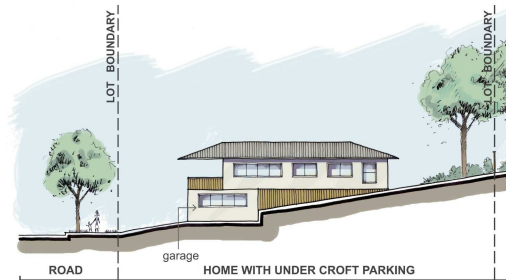


Development Setback Table

LOT TYPE		FRONT	SIDE BOUNDARY	REAR	CORNER LOTS SECONDARY FRONTAGE	BUILT TO BOUNDARY
All lots (unless dimensioned or specified in notes)	Ground Floor	4.0 (w) 3.0 (p) 5.5 (g)	1.5m	2.0m	3.0m	0.0m
	First Floor	4.0m	2.0m	2.0m	3.0m	n/a



Notes (Applies to all Lots)
(p) denotes line of portico / verandah setback
(g) denotes line of garage setback
(w) denotes line of wall

* Building Location Envelopes shown are indicative only. Refer to Building Envelope notes and Development Setback Table for design parameters.

PoD Notes (Applies to all Lots)

General
1. Dwelling houses are to be undertaken in accordance with this Plan of Development (PoD) and the Development Approval.

Setbacks
2. Minimum building setbacks are to be in accordance with the Development Setbacks Table for all lots except for the front and rear setback for Lot 16 and front setback for Lot 19, which are noted on the plan.
3. No structure or construction may encroach beyond the approved setback unless approved by Council. Setbacks and building location envelopes are subject to future proposed easement and/or other underground services or trees identified for retention.
4. The Built to Boundary line is nominated on this plan. The length of wall built to this boundary is not to exceed 9.0m and the height of wall built to this boundary is not to exceed 3.0m. Parapets are considered to be a wall and are to comply with the Setback table included on the Plan of Development. Built to boundary walls must be for non-habitable Class 10a parts of the building or garage only. All built to boundary walls must be rendered and painted or constructed with a pre-finished material. Untreated concrete and block walls are not permitted

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No: COM/2021/255

Dated: 5 June 2023

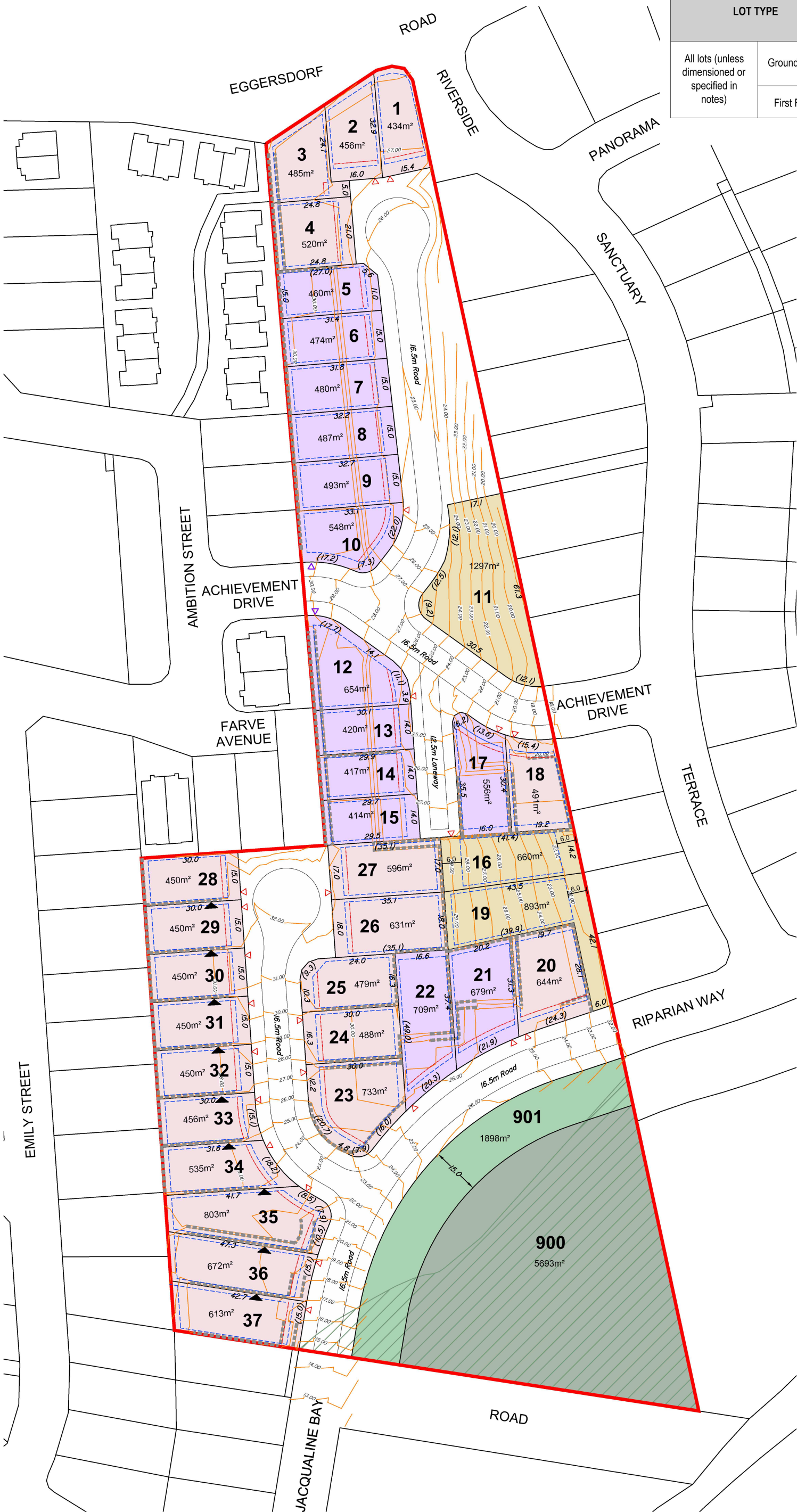
Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

Legend

- Site Boundary
- Approximate Building Envelope Locations
- Garage Setback Locations
- Retaining Walls
- Approximate Driveway Locations for detached dwellings (not all lots have locations nominated)
- Alternative Driveway Locations
- Built to Boundary Wall Location
- Hillside Blocks
- Split Level Blocks
- Standard Blocks
- Road
- Open Space/Park (Lot 901)
- Environmental Reserve (Lot 900)
- Mapped Biodiversity Corridor (COGC Planning Scheme)

Notes

- Base line work sourced from QSpatial. 1m contours and retaining walls sourced from Stantec. All data is approximate only.
- Any licence, express or implied, to use this document for any purpose whatsoever is restricted to the terms of the agreement or implied agreement between wolver consulting group and the instructing party.
- Design has been prepared for the purposes of a concept design only and is subject to local authority approval & detailed engineering requirements. Areas and dimensions are approximate only and are subject to survey.
- This note is an integral part of this plan. This plan may not be reproduced without this notation being included.



FPC 7 PTY LTD

114 EGGERSDORF RD, ORMEAU

PLANS AND DOCUMENTS referred to in the
DEVELOPMENT APPROVAL

Application No: COM/2021/255

Dated: 5 June 2023

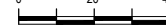
Development shall comply with the
conditions of approval as detailed in the
Decision Notice and Council's Planning
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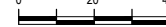
Authorised A.SAUNDERS RPEQ No. 13360
Drawn JME
Dsign JME
Chkd. AKS
26/07/2022
YYYY.MM.DD

SITE PLAN

SCALE 1:2000 (A3)

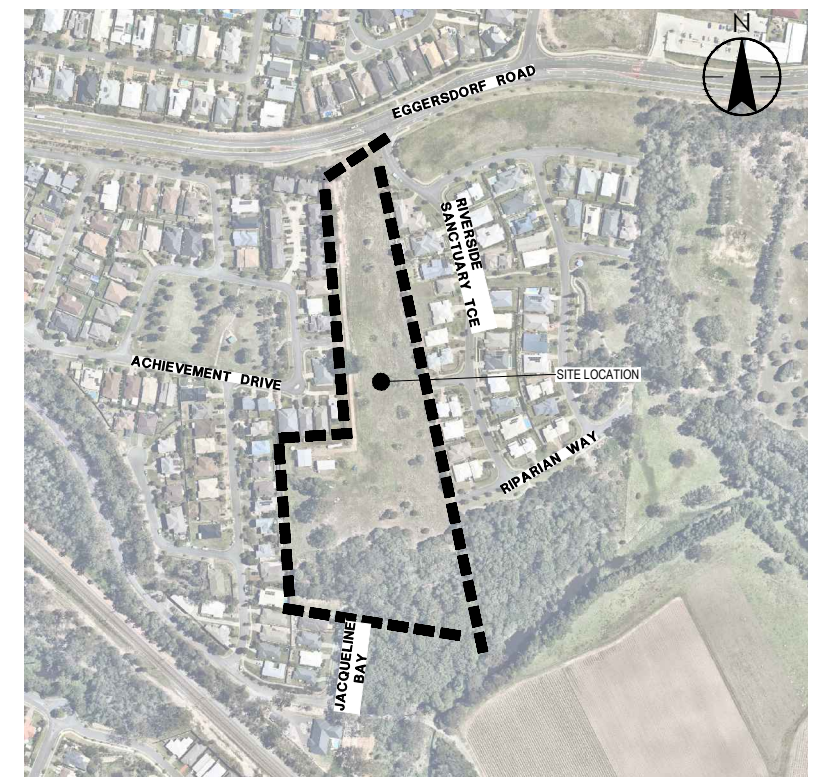


SCALE 1:1000 (A1)



GENERAL NOTES

- DRAWINGS ARE CONCEPTUAL ONLY AND HAVE BEEN PREPARED AS AN ILLUSTRATION OF THE CONCEPTS DISCUSSED WITHIN THIS REPORT AND ARE INTENDED FOR DEVELOPMENT APPROVAL PURPOSES ONLY.
- WHERE LEVELS OR SIZES OF ANY WORKS ARE SHOWN, THESE ARE INDICATIVE ONLY TO DEMONSTRATE THE CAPABILITY OF THE SERVICING OPTION PROPOSED AND ARE SUBJECT TO DETAILED DESIGN (OPERATIONAL WORKS DESIGN). THIS IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE LATEST VERSIONS OF THE AUTHORITY STANDARDS, AUSTRALIAN STANDARDS AND OTHER INDUSTRY REFERENCE DOCUMENTS AT TIME OF DESIGN.
- DRAWINGS ARE NOT INTENDED TO BE USED FOR TENDER, ESTIMATING OR CONSTRUCTION.



SITE LOCALITY PLAN

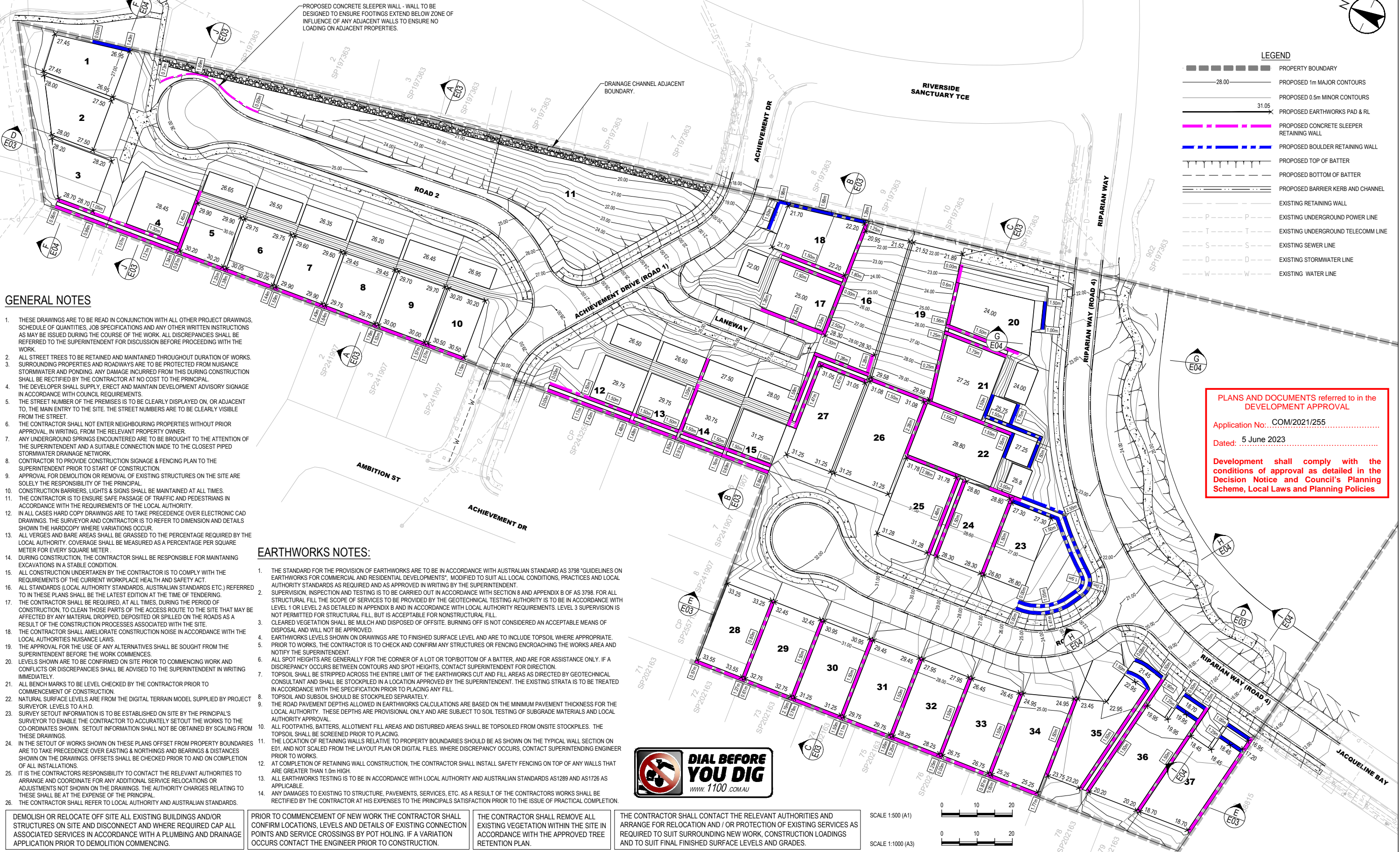
SOURCE: NearMap 2020

DRAWING INDEX

DWG No.	DESCRIPTION
301050090-BRI-C-C01	COVER SHEET
301050090-BRI-C-E01	CONCEPTUAL EARTHWORKS LAYOUT PLAN
301050090-BRI-C-E02	CONCEPTUAL EARTHWORKS SHADING PLAN
301050090-BRI-C-E03	EARTHWORKS SECTIONS - SHEET 1
301050090-BRI-C-E04	EARTHWORKS SECTIONS - SHEET 2
301050090-BRI-C-E05	RETAINING WALL DETAILS
301050090-BRI-C-R01	CONCEPTUAL ROAD LAYOUT PLAN
301050090-BRI-C-R02	CONCEPTUAL ROAD LONGSECTIONS - SHEET 1
301050090-BRI-C-R03	CONCEPTUAL ROAD LONGSECTIONS - SHEET 2
301050090-BRI-C-S01	CONCEPTUAL SERVICES LAYOUT PLAN
301050090-BRI-C-SW01	PRE-DEVELOPMENT CATCHMENT PLAN
301050090-BRI-C-SW02	POST-DEVELOPMENT CATCHMENT PLAN
301050090-BRI-C-SW03	CONCEPTUAL STORMWATER LAYOUT PLAN
301050090-BRI-C-SW04	STORMWATER QUALITY DEVICES PLAN

PRIOR TO COMMENCEMENT OF NEW WORK THE
CONTRACTOR SHALL CONFIRM LOCATIONS, LEVELS AND
DETAILS OF EXISTING CONNECTION POINTS AND SERVICE
CROSSINGS BY POT HOLING. IF A VARIATION OCCURS
CONTACT THE ENGINEER PRIOR TO CONSTRUCTION.





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D INFORMATION REQUEST RESPONSE		NOT FOR CONSTRUCTION		Notes		Stantec Australia Pty. Ltd. Level 1 The Terrace Centre 94-102 Stirling Terrace Albany, WA 6330 Tel: +61 8 9842 3700		114 EGGERSDORF RD, ORMEAU			
C UPDATED AS PER COGC COMMENTS		This document is suitable only for the purpose noted above. Use of this document for any other purpose is not permitted.		Copyright Reserved		The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden. The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.		SUBDIVISION DEVELOPMENT APPLICATION		Project No. 301050090	
B DEVELOPMENT APPLICATION MINOR UPDATE								File Name: 000000_001 CONCEPTUAL EARTHWORKS LAYOUT PLAN		Auth. Ref. -	
A DEVELOPMENT APPLICATION								JME JME AKS 26/07/2022		Scale 1:500	
Issued/Revision		By Appd YYYY.MM.DD						Dwn. Dsgn. Chkd. YYYY.MM.DD		Revision Drawing No.	
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D INFORMATION REQUEST RESPONSE											
C UPDATED AS PER COGC COMMENTS											
B DEVELOPMENT APPLICATION MINOR UPDATE											
A DEVELOPMENT APPLICATION											



EARTHWORKS VOLUMES	
TOTAL CUT	-30638.250m³
TOTAL FILL	6499.747m³
TOTAL BALANCE	-24138.503m³
INDICATIVE VOLUME ONLY:	
• ASSUMES PAD LEVELS AS SHOWN	
• FROM DESIGN SURFACE LEVEL TO EXISTING SURFACE LEVEL	

CUT/FILL LEGEND	
	AREA OF CUT DEPTH >2.5m
	AREA OF CUT DEPTH 2m - 2.5m
	AREA OF CUT DEPTH 1.5m - 2m
	AREA OF CUT DEPTH 1m - 1.5m
	AREA OF CUT DEPTH 0.5m - 1m
	AREA OF CUT DEPTH 0.05m - 0.5m
	AREA OF CUT/FILL DEPTH 0m - 0.05m
	AREA OF FILL DEPTH 0.05m - 0.5m
	AREA OF FILL DEPTH 0.5m - 1m
	AREA OF FILL DEPTH 1m - 1.5m
	AREA OF FILL DEPTH 1.5m - 2m
	AREA OF FILL DEPTH 2m - 2.5m
	AREA OF FILL DEPTH >2.5m

LEGEND	
	PROPERTY BOUNDARY
	PROPOSED MAJOR CONTOURS & HEIGHT - 1m INTERVAL
	PROPOSED MINOR CONTOURS & HEIGHT - 0.5m INTERVAL
	PROPOSED EARTHWORKS PAD BOUNDARY & RL
	PROPOSED CONCRETE SLEEPER RETAINING WALL
	PROPOSED BLOCK OR BOULDER RETAINING WALL
	PROPOSED TOP OF BATTER
	PROPOSED BOTTOM OF BATTER
	PROPOSED BARRIER KERB AND CHANNEL
	EXISTING RETAINING WALL
	EXISTING UNDERGROUND POWER LINE
	EXISTING UNDERGROUND TELECOMM LINE
	EXISTING SEWER LINE
	EXISTING STORMWATER LINE
	EXISTING WATER LINE

SCALE 1:500 (A1)

SCALE 1:1000 (A3)

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No: COM/2021/255

Dated: 5 June 2023

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

Notes E INFORMATION REQUEST RESPONSE JME AKS 26/07/2022 D INFORMATION REQUEST RESPONSE JME AKS 21/04/2022 C UPDATED AS PER COGC COMMENTS JME AKS 03/12/2021 B DEVELOPMENT APPLICATION MINOR UPDATE JME AKS 13/10/2021 A DEVELOPMENT APPLICATION JME AKS 10/05/2021 Issued/Revision By Appd YYYY.MM.DD		Issue Status PRELIMINARY NOT FOR CONSTRUCTION This document is suitable only for the purpose noted above. Use of this document for any other purpose is not permitted.		Colour Disclaimer This drawing has been documented in colour. This drawing is required to be printed in colour. Failure to do so may result in loss of information. Black and white printing may be used if specific black and white documents have been obtained from Stantec. Notes		Client/Project Logo Stantec Australia Pty. Ltd. Level 1 The Terrace Centre 94-102 Stirling Terrace Albany, WA 6330 Tel: +61 8 9842 3700 Copyright Reserved <small>The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorised by Stantec is forbidden. The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.</small>		Client/Project FAVERO PROPERTY 114 EGGERSDORF RD, ORMEAU SUBDIVISION DEVELOPMENT APPLICATION File Name: 000000_000 CONCEPTUAL EARTHWORKS SHADING PLAN JME JME AKS 26/07/2022 Dwn. Dgn. Chkd. YYYY.MM.DD		Title CONCEPTUAL EARTHWORKS SHADING PLAN Project No. 301050090 Auth. Ref. - Scale 1:500 Revision E Drawing No. E02	
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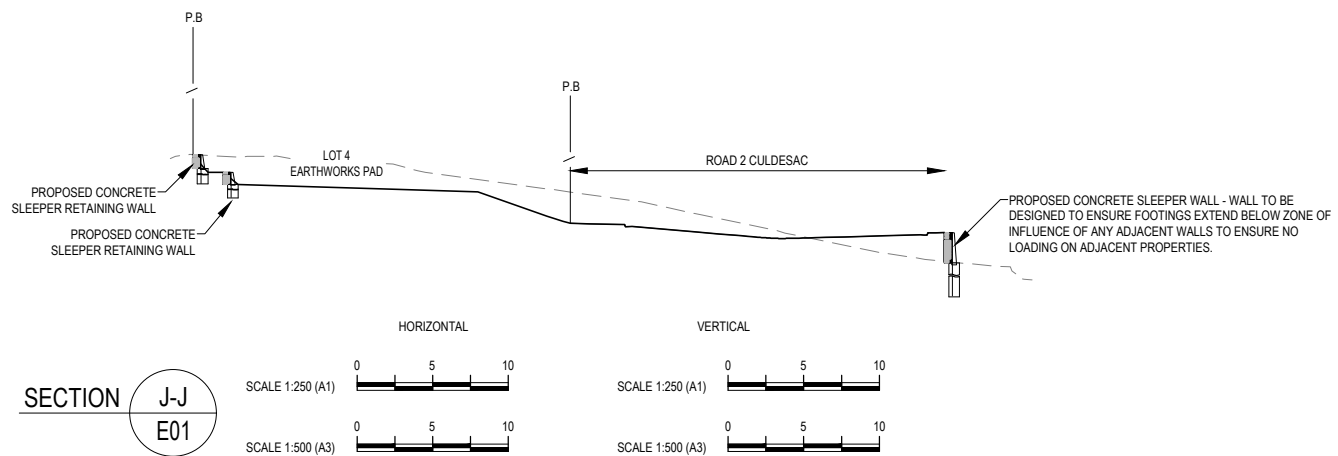
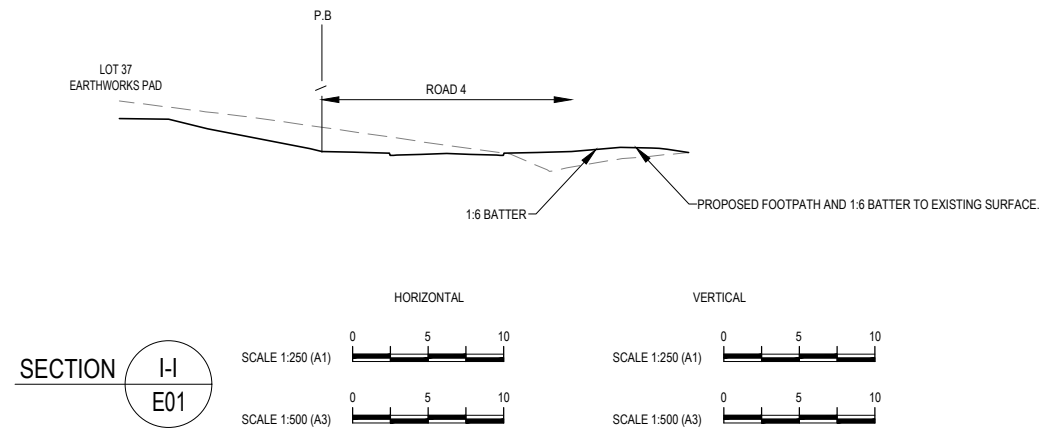
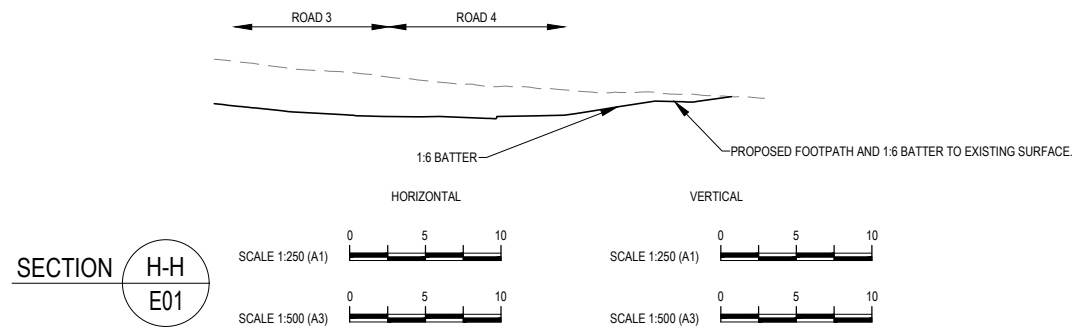
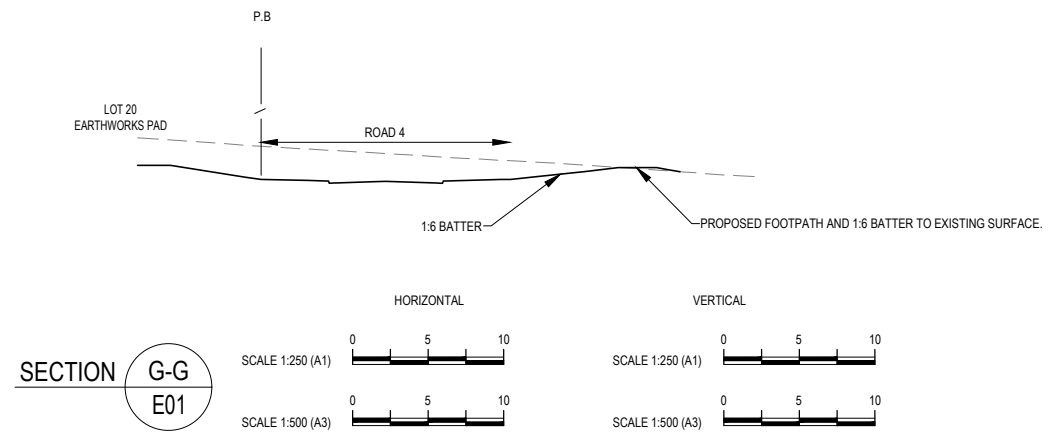
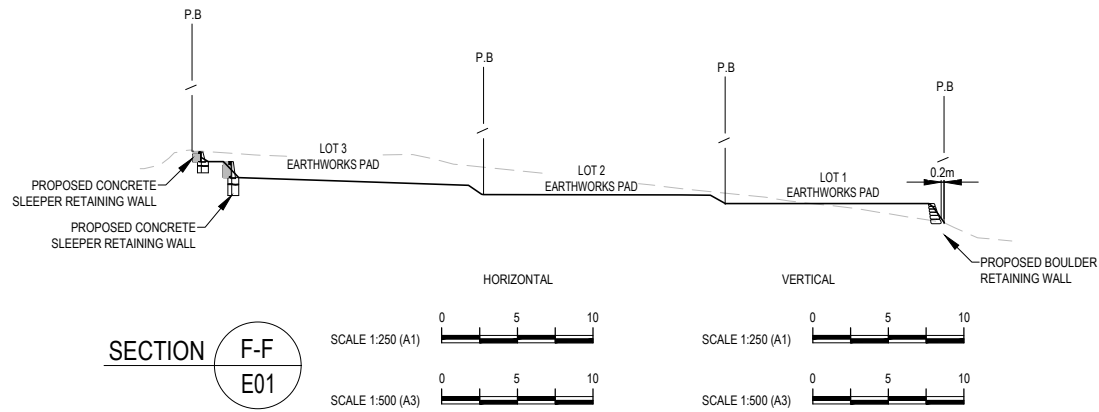
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B

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Application No: COM/2021/255

Dated: 5 June 2023

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

Notes

E	INFORMATION REQUEST RESPONSE	JME	AKS	26/07/2022
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SUBDIVISION DEVELOPMENT APPLICATION

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JME JME AKS 26/07/2022
Dwn. Dsgn. Chkd. YYYY.MM.DD

Title

EARTHWORKS SECTIONS - SHEET 2

Project No. 301050090

Auth. Ref. -

Scale 1:500

Revision E

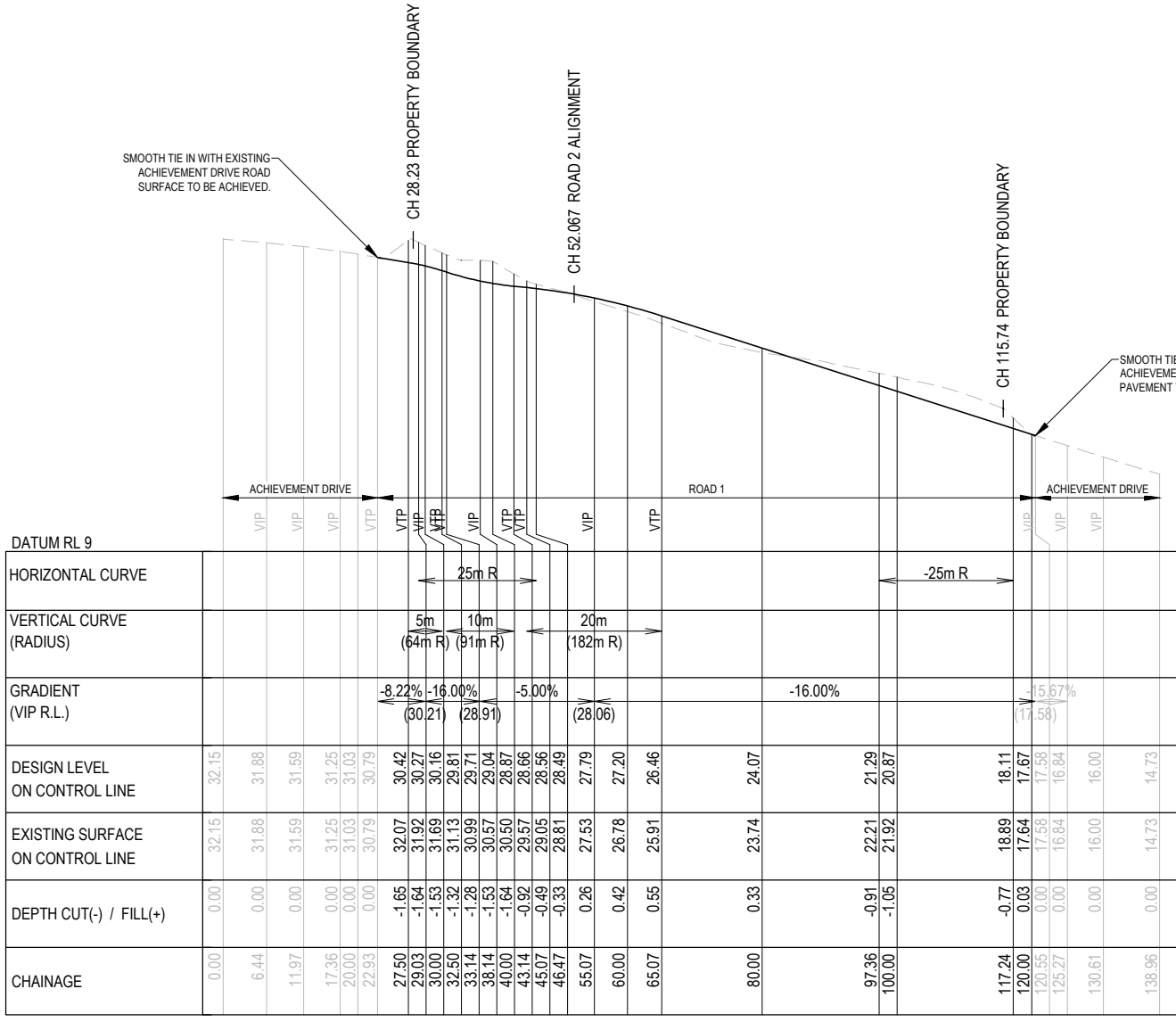
Drawing No.

E04

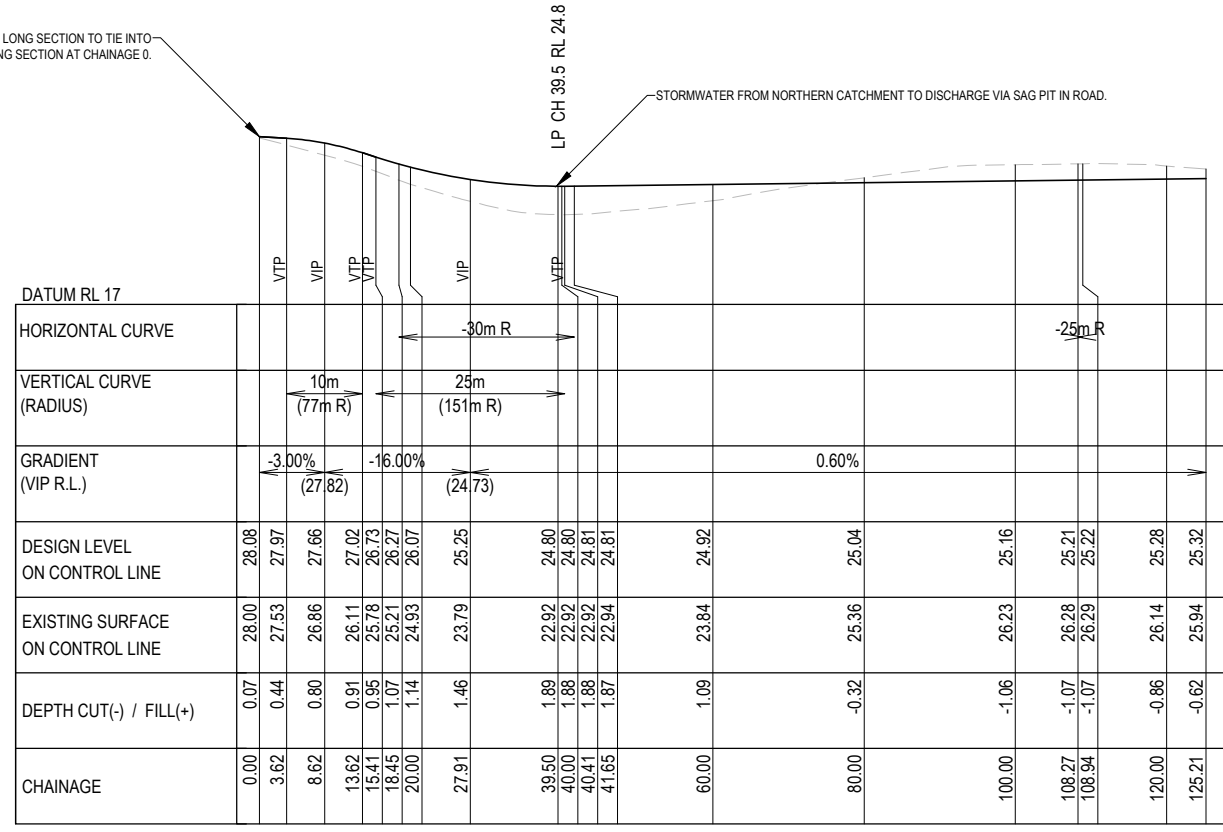
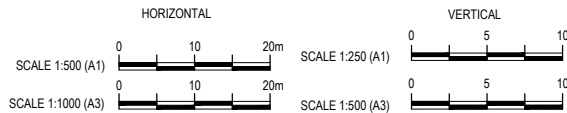
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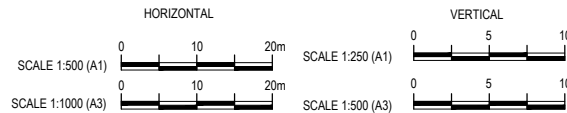
A



LONGITUDINAL SECTION ROAD 1 (ACHIEVEMENT DRIVE)



LONGITUDINAL SECTION ROAD 2



ROAD LONGITUDINAL SECTIONS ARE PRELIMINARY BUT ARE INCLUDED TO DEMONSTRATE THE REQUIRED SITE GRADING IN CONJUNCTION WITH THE SITE EARTHWORKS METHODOLOGY. FINAL ROAD DESIGN TO BE PROVIDED AND APPROVED AS PART OF OPERATIONAL WORKS.

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No: COM/2021/255

Dated: 5 June 2023

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

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Notes

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D	INFORMATION REQUEST RESPONSE	JME	AKS	21/04/2022
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B	DEVELOPMENT APPLICATION MINOR UPDATE	JME	AKS	13/10/2021
A	DEVELOPMENT APPLICATION	JME	AKS	10/05/2021

Issued/Revision

Authorised

A.SAUNDERS RPEQ No. 13360

JME	JME	AKS	26/07/2022
Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

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114 EGGERSDORF RD, ORMEAU

SUBDIVISION DEVELOPMENT APPLICATION

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JME	JME	AKS	26/07/2022
Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Title

CONCEPTUAL ROAD LONGSECTIONS - SHEET 1

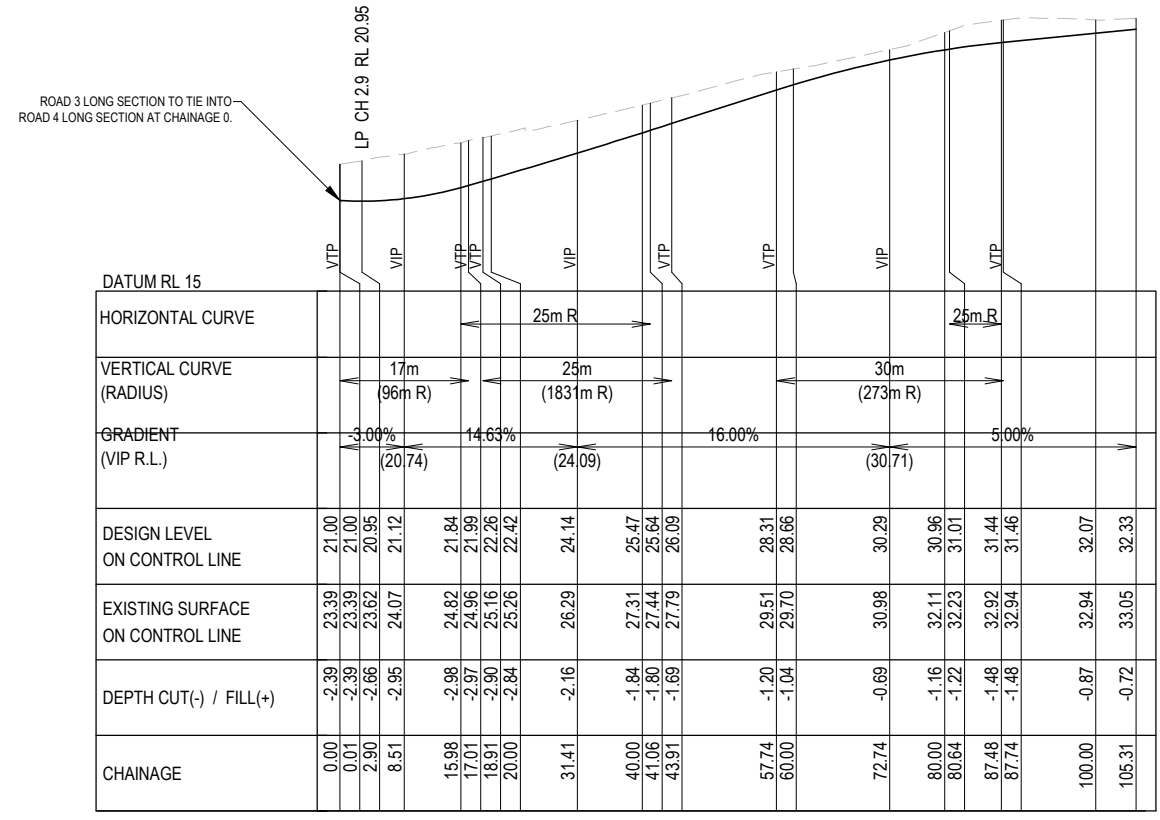
Project No.	Auth. Ref.	Scale
301050090	-	AS SHOWN
Revision	Drawing No.	
E		

R02

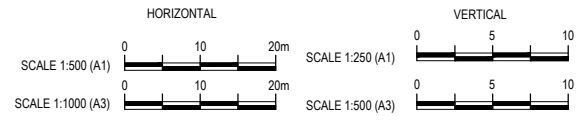
C

B

A



LONGITUDINAL SECTION ROAD 3



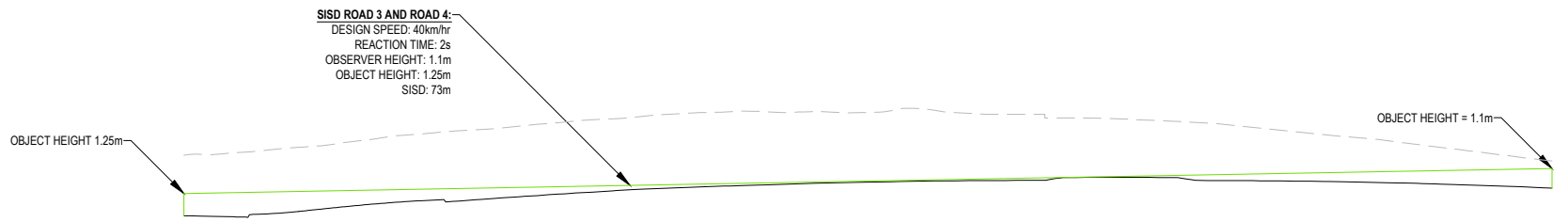
ROAD LONGITUDINAL SECTIONS ARE PRELIMINARY BUT ARE INCLUDED TO DEMONSTRATE THE REQUIRED SITE GRADING IN CONJUNCTION WITH THE SITE EARTHWORKS METHODOLOGY. FINAL ROAD DESIGN TO BE PROVIDED AND APPROVED AS PART OF OPERATIONAL WORKS.

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

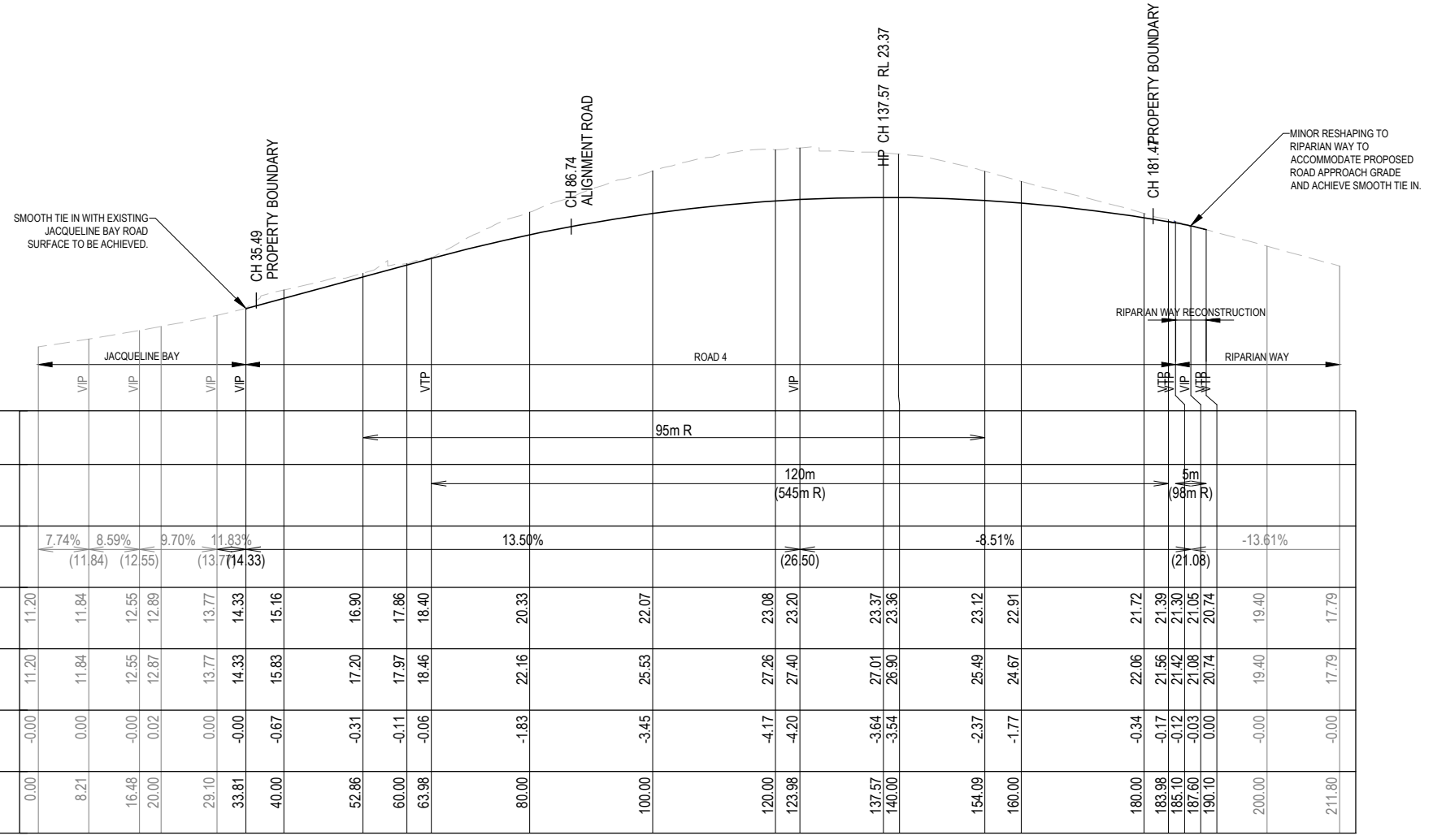
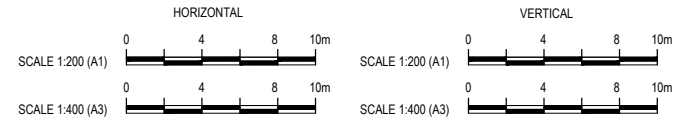
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Dated: 5 June 2023

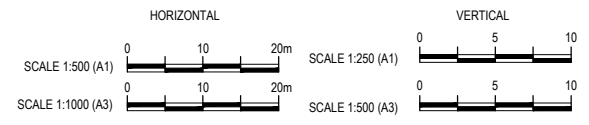
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ROAD 4 SAFE INTERSECTION SITE DISTANCE



LONGITUDINAL SECTION ROAD 4 (RIPARIAN WAY)



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\\VMS-BP-65-01\PROJECTS\31010000\PROJECT DOCUMENTATION\CIVIL DRAWINGS & DESIGN WORKING DRAWINGS\DWG

Notes

E INFORMATION REQUEST RESPONSE JME AKS 26/07/2022

D INFORMATION REQUEST RESPONSE JME AKS 22/04/2022

C UPDATED AS PER COGC COMMENTS JME AKS 03/12/2021

B DEVELOPMENT APPLICATION MINOR UPDATE JME AKS 13/10/2021

A DEVELOPMENT APPLICATION JME AKS 10/05/2021

Issued/Revision By Appd YYYY.MM.DD

Authorised A.SAUNDERS RPEQ No. 13360

JME JME AKS 26/07/2022

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114 EGGERSDORF RD, ORMEAU

SUBDIVISION DEVELOPMENT APPLICATION

File Name: \\VMS-BP-65-01\PROJECTS\31010000\PROJECT DOCUMENTATION\CIVIL DRAWINGS & DESIGN WORKING DRAWINGS\DWG

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Title

CONCEPTUAL ROAD LONGSECTIONS - SHEET 2

Project No. 301050090

Auth. Ref. -

Scale AS SHOWN

Revision E

Drawing No.

R03

Tree Survey Plan (TSP)

114 Eggersdorf Road, Ormeau



PROPERTY DESCRIPTION

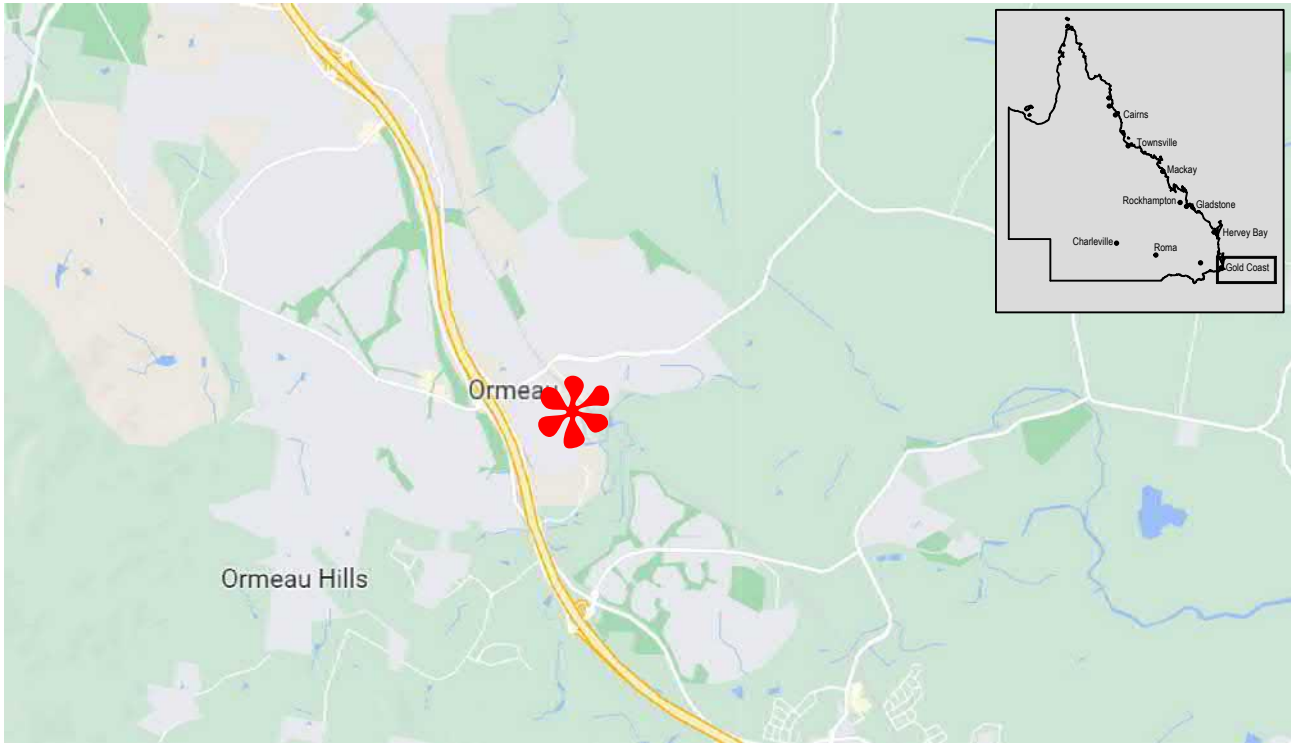
Address: 114 Eggersdorf Road, Ormeau
Description: Lot 4 on SP254945
LGA: City of Gold Coast Council
Site Area: 3.85 ha

DRAWING SCHEDULE

VMP-00 COVER SHEET
VMP-01 TREE RETENTION REMOVAL PLAN & TREE DATA TABLE
VMP-02 EXISTING VEGETATION DATA CATALOGUE (A)
VMP-03 EXISTING VEGETATION DATA CATALOGUE (B)

LEGEND

 SITE BOUNDARY
 SUBJECT SITE



Inset 1: Site Locality (Source: Google Maps 2022)



Inset 2: Site Aerial (Source: NearMaps 2022)

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No: COM/2021/255

Dated: 5 June 2023

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

Notes

- Scope of vegetation survey limited to assessable vegetation greater than 4m in height and / or greater than 40cm circumference at 1.4m above surface level.
- Tree locations recorded with the use of handheld GPS which includes inherent inaccuracies.
- Subject base line work and 1m contours sourced from Vision Survey Queensland. All data is approximate only.
- Any licence, express or implied, to use this document for any purpose whatsoever is restricted to the terms of the agreement or implied agreement between wolter consulting group and the instructing party.
- Design has been prepared for the purposes of a concept plan only and is subject to local authority approval & detailed engineering requirements. Areas and dimensions are approximate only and are subject to survey.
- This note is an integral part of this plan. This plan may not be reproduced without this notation being included.

TREE SURVEY PLAN

114 EGGERSDORF ROAD, ORMEAU
Description LOT 4 ON SP254945
Local Authority CITY OF GOLD COAST

Client
FPC7 Pty Ltd



DRAWING NO.
20-0517E
DATE DRAWN
13-04-2022

VERSION
A
SHEET NO.
TRRP-00



Inset 3: Site Aerial

LEGEND

- SITE BOUNDARY
- PROPOSED ROAD
- PROPOSED WATER PIPEWORK
- CoGC HINTERLAND TO COAST CRITICAL CORRIDORS OVERLAY
- TREE TO BE REMOVED
STRUCTURAL ROOT ZONE
TREE PROTECTION ZONE
- TREE TO BE RETAINED
STRUCTURAL ROOT ZONE
TREE PROTECTION ZONE
- TREE NUMBER
- PROPOSED ROL BOUNDARY
- PROPOSED RETAINING WALL
- PROPOSED FOOTPATH

CUT/FILL LEGEND

- AREA OF CUT DEPTH >2.5m
- AREA OF CUT DEPTH 2m - 2.5m
- AREA OF CUT DEPTH 1.5m - 2m
- AREA OF CUT DEPTH 1m - 1.5m
- AREA OF CUT DEPTH 0.5m - 1m
- AREA OF CUT DEPTH 0.05m - 0.5m
- AREA OF CUT/FILL DEPTH 0m - 0.05m
- AREA OF FILL DEPTH 0.05m - 0.5m
- AREA OF FILL DEPTH 0.5m - 1m
- AREA OF FILL DEPTH 1m - 1.5m
- AREA OF FILL DEPTH 1.5m - 2m
- AREA OF FILL DEPTH 2m - 2.5m
- AREA OF FILL DEPTH >2.5m

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No: COM/2021/255
Dated: 5 June 2023

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

Notes

- Scope of vegetation survey limited to assessable vegetation greater than 4m in height and / or greater than 40cm circumference at 1.4m above surface level.
- Tree locations recorded with the use of handheld GPS which includes inherent inaccuracies.
- Subject base line work and 1m contours sourced from Vision Survey Queensland. All data is approximate only.
- Any licence, express or implied, to use this document for any purpose whatsoever is restricted to the terms of the agreement or implied agreement between wolter consulting group and the instructing party.
- Design has been prepared for the purposes of a concept plan only and is subject to local authority approval & detailed engineering requirements. Areas and dimensions are approximate only and are subject to survey.
- This note is an integral part of this plan. This plan may not be reproduced without this notation being included.

Existing Vegetation Data Catalogue (A)

Tree Number	Botanical Name	Common Name	DBH (mm) AS4970-2009	Leader DBH (cm)	Height (m)	Canopy Spread (m)	SRZ radius (m)	TPZ radius (m)	Notes	Retain/Remove
R1	Acacia concurrens	Black Wattle	300	-	5	6	1.2	3.6	-	Retain
R2	Acacia disparrima subsp. disparrima	Hickory Wattle	290	-	9	6	1.2	3.5	-	Retain
R3	Acacia disparrima subsp. disparrima	Hickory Wattle	290	-	6	3	1.2	3.5	-	Retain
R4	-	Stag	360	-	6	-	1.4	4.3	-	Retain
R5	Acacia disparrima subsp. disparrima	Hickory Wattle	384	200+190+170+160+130	9	9	1.5	4.6	-	Retain
R6	Acacia disparrima subsp. disparrima	Hickory Wattle	200	-	9	3	0.8	2.4	-	Retain
R7	-	Stag	233	170+160	4	-	0.9	2.8	-	Retain
R8	Acacia disparrima subsp. disparrima	Hickory Wattle	330	-	9	7	1.3	4.0	-	Retain
R9	Acacia concurrens	Black Wattle	277	180+120+100+100+100	6	6	1.1	3.3	-	Retain
R10	Acacia disparrima subsp. disparrima	Hickory Wattle	300	-	8.5	5	1.2	3.6	-	Retain
R11	Acacia concurrens	Black Wattle	140	-	8	3	0.6	1.7	-	Retain
R12	Acacia disparrima subsp. disparrima	Hickory Wattle	170	-	7	4	0.7	2.0	-	Retain
R13	Acacia disparrima subsp. disparrima	Hickory Wattle	368	260+260	8	7	1.5	4.4	-	Retain
R14	Acacia disparrima subsp. disparrima	Hickory Wattle	190	-	10	4	0.8	2.3	-	Retain
R15	Acacia disparrima subsp. disparrima	Hickory Wattle	200	-	10	6	0.8	2.4	-	Retain
R16	Acacia disparrima subsp. disparrima	Hickory Wattle	198	140+140	6	4	0.8	2.4	-	Retain
R17	Acacia disparrima subsp. disparrima	Hickory Wattle	322	280+160	8	6	1.3	3.9	-	Retain
R18	Acacia disparrima subsp. disparrima	Hickory Wattle	230	-	8	5	0.9	2.8	-	Retain
R19	Acacia disparrima subsp. disparrima	Hickory Wattle	370	-	7	8	1.5	4.4	-	Remove
R20	Acacia disparrima subsp. disparrima	Hickory Wattle	347	250+240	6.5	10	1.4	4.2	-	Remove
R21	Acacia disparrima subsp. disparrima	Hickory Wattle	240	-	6	3	1.0	2.9	-	Remove
R22	Allocasuarina littoralis	Black She-Oak	250	-	7	4	1.0	3.0	-	Retain
R23	Acacia disparrima subsp. disparrima	Hickory Wattle	184	120+140	7	2	0.7	2.2	-	Remove
R24	Acacia disparrima subsp. disparrima	Hickory Wattle	230	-	8	6	0.9	2.8	-	Remove
R25	Acacia disparrima subsp. disparrima	Hickory Wattle	355	270+230	8	7	1.4	4.3	-	Remove
R26	Acacia disparrima subsp. disparrima	Hickory Wattle	287	200+160+130	8	6	1.1	3.4	-	Remove
R27	Acacia disparrima subsp. disparrima	Hickory Wattle	140	-	5	5	0.6	1.7	-	Remove
R28	Acacia concurrens	Black Wattle	290	-	5	7	1.2	3.5	-	Remove
R29	Acacia disparrima subsp. disparrima	Hickory Wattle	320	-	6	6	1.3	3.8	-	Remove
R30	Cinnamomum camphora	Camphor Laurel	350	-	5	6	1.4	4.2	Invasive species.	Remove
R31	Acacia concurrens	Black Wattle	247	160+160+100	4	4	1.0	3.0	-	Remove
R32	Acacia concurrens	Black Wattle	190	-	4	4	0.8	2.3	-	Remove
R33	Acacia concurrens	Black Wattle	170	-	4	5	-	-	-	Remove
R34	Acacia concurrens	Black Wattle	274	190+170+100	6	6	1.1	3.3	-	Remove
R35	Lopostemon confertus	Brush Box	160	-	8	5	0.6	1.9	-	Remove
R36	Lopostemon confertus	Brush Box	170	-	9	4	0.7	2.0	-	Remove
R37	Acacia concurrens	Black Wattle	190	-	6	5	0.8	2.3	-	Remove
R38	Lopostemon confertus	Brush Box	210	-	9	4	0.8	2.5	-	Remove
R39	Lopostemon confertus	Brush Box	160	-	7	4	0.6	1.9	-	Remove
R40	Acacia concurrens	Black Wattle	200	-	7	4	0.8	2.4	-	Remove
R41	Acacia concurrens	Black Wattle	269	200+180	7	4	1.1	3.2	-	Remove
R42	Lopostemon confertus	Brush Box	170	-	8	2	0.7	2.0	-	Remove
R43	Lopostemon confertus	Brush Box	130	-	8	2	0.5	1.6	-	Remove
R44	-	Stag	330	-	10	-	1.3	4.0	-	Remove
R45	Eucalyptus propinqua	Small-Fruited Grey Gum	400	-	12	6	1.6	4.8	-	Remove
R46	Eucalyptus crebra	Narrow Leaved Iron Bark	450	-	12	6	1.8	5.4	-	Remove
R47	-	Stag	420	-	10	-	1.7	5.0	-	Retain
R48	Eucalyptus crebra	Narrow Leaved Iron Bark	340	-	11	5	1.4	4.1	-	Remove
R49	Eucalyptus propinqua	Small-Fruited Grey Gum	140	-	8	4	0.6	1.7	-	Remove
R50	-	Stag	270	-	7	-	1.1	3.2	-	Remove
R51	Eucalyptus propinqua	Small-Fruited Grey Gum	700	-	14	7	2.8	8.4	-	Remove
R52	Acacia concurrens	Black Wattle	170	-	5	2	0.7	2.0	-	Remove
R53	Eucalyptus propinqua	Small-Fruited Grey Gum	420	-	10	6	1.7	5.0	-	Remove
R54	Allocasuarina littoralis	Black She-Oak	150	-	6	3	0.6	1.8	-	Remove
R55	Allocasuarina littoralis	Black She-Oak	170	-	6	3	0.7	2.0	-	Remove
R56	Allocasuarina littoralis	Black She-Oak	140	-	6	3	0.6	1.7	-	Remove
R57	Lopostemon confertus	Brush Box	150	-	7	4	0.6	1.8	-	Remove
R58	Eucalyptus propinqua	Small-Fruited Grey Gum	350	-	8	6	1.4	4.2	-	Remove
R59	Eucalyptus propinqua	Small-Fruited Grey Gum	280	-	7	6	1.1	3.4	-	Remove
R60	Eucalyptus propinqua	Small-Fruited Grey Gum	360	-	7	8	1.4	4.3	-	Remove
R61	Eucalyptus propinqua	Small-Fruited Grey Gum	340	-	7	8	1.4	4.1	-	Remove
R62	Eucalyptus crebra	Narrow Leaved Iron Bark	400	-	7	6	1.6	4.8	-	Remove
R63	Acacia disparrima subsp. disparrima	Hickory Wattle	440	-	8	8	1.8	5.3	-	Remove
R64	Allocasuarina littoralis	Black She-Oak	210	-	6	5	0.8	2.5	-	Remove
R65	Acacia concurrens	Black Wattle	170	-	4.5	3	0.7	2.0	-	Remove
R66	Allocasuarina littoralis	Black She-Oak	160	-	5	4	0.6	1.9	-	Remove
R67	Eucalyptus propinqua	Small-Fruited Grey Gum	267	130+120+200	8	4	1.1	3.2	-	Remove
R68	Allocasuarina littoralis	Black She-Oak	200	-	7	4	0.8	2.4	-	Remove
R69	Allocasuarina littoralis	Black She-Oak	220	-	7	6	0.9	2.6	-	Remove

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No:..COM/2021/255.....

Dated: 5 June 2023

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

Existing Vegetation Data Catalogue (B)

Tree Number	Botanical Name	Common Name	DBH (mm) AS4970-2009	Leader DBH (cm)	Height (m)	Canopy Spread (m)	SRZ radius (m)	TPZ radius (m)	Notes	Retain/Remove
R70	<i>Acacia concurrens</i>	Black Wattle	198	140+140	6	5	0.8	2.4	-	Remove
R71	<i>Acacia concurrens</i>	Black Wattle	150	-	4	2	0.6	1.8	-	Remove
R72	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	320	-	11	6	1.3	3.8	-	Remove
R73	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	220	-	9	3	0.9	2.6	-	Remove
R74	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	270	-	10	4	1.1	3.2	-	Remove
R75	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	190	-	10	5	0.8	2.3	-	Remove
R76	<i>Eucalyptus crebra</i>	Narrow Leaved Iron Bark	260	-	8	4	1.0	3.1	-	Remove
R77	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	290	-	10	6	1.2	3.5	-	Remove
R78	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	290	-	10.5	6	1.2	3.5	-	Remove
R79	-	Stag	200	-	8	-	0.8	2.4	-	Remove
R80	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	210	-	11	5	0.8	2.5	-	Remove
R81	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	200	-	10	3	0.8	2.4	-	Remove
R82	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	210	-	11	4	0.8	2.5	-	Remove
R83	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	260	-	11	5	1.0	3.1	-	Remove
R84	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	200	-	6	4	0.8	2.4	-	Remove
R85	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	340	-	12	7	1.4	4.1	-	Remove
R86	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	360	-	12	6	1.4	4.3	-	Remove
R87	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	350	-	13	7	1.4	4.2	-	Remove
R88	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	320	-	12	5	1.3	3.8	-	Remove
R89	<i>Lopostemon confertus</i>	Brush Box	330	-	9	5	1.3	4.0	-	Remove
R90	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	380	-	13	7	1.5	4.6	-	Remove
R91	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	250	-	10	6	1.0	3.0	-	Remove
R92	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	400	-	12	8	1.6	4.8	-	Remove
R93	-	-	-	-	-	-	-	-	GPS ERROR	-
R94	<i>Acacia concurrens</i>	Black Wattle	320	-	4	3	1.3	3.8	-	Remove
R95	<i>Acacia concurrens</i>	Black Wattle	160	-	4	3	0.6	1.9	-	Remove
R96	<i>Acacia concurrens</i>	Black Wattle	270	-	4	3	1.1	3.2	-	Remove
R97	<i>Acacia concurrens</i>	Black Wattle	250	-	4	3	1.0	3.0	-	Remove
R98	<i>Acacia concurrens</i>	Black Wattle	170	-	4	3	0.7	2.0	-	Remove
R99	<i>Cinnamomum camphora</i>	Camphor Laurel	300	-	4	3	1.2	3.6	Invasive species.	Remove
R100	<i>Acacia concurrens</i>	Black Wattle	353	320+150	4	3	1.4	4.2	-	Remove
R101	<i>Acacia concurrens</i>	Black Wattle	220	-	4	3	0.9	2.6	-	Remove
1	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	600	-	8.5	5	2.4	7.2	-	Remove
2	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	200	-	6	3	0.8	2.4	-	Remove
3	<i>Eucalyptus siderophloia</i>	Grey Ironbark	368	340+140	6	4	1.5	4.4	-	Remove
4	<i>Eucalyptus seaana</i>	Narrow Leaved Red Gum	260	-	5	4	1.0	3.1	-	Remove
5	<i>Eucalyptus siderophloia</i>	Grey Ironbark	270	-	6	4	1.1	3.2	-	Remove
6	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	450	-	7.5	5	1.8	5.4	-	Remove
7	<i>Eucalyptus siderophloia</i>	Grey Ironbark	350	-	7	4	1.4	4.2	-	Remove
8	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	560	-	9	6	2.2	6.7	-	Remove
9	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	360	-	7	4	1.4	4.3	-	Remove
10	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	460	-	8	4	1.8	5.5	-	Remove
11	<i>Eucalyptus siderophloia</i>	Grey Ironbark	530	-	7.5	5	2.1	6.4	-	Remove
12	-	-	-	-	-	-	-	-	GPS ERROR	-
13	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	640	-	9	5	2.6	7.7	-	Remove
14	<i>Ficus benjamina</i>	Weeping Fig	500	-	7	7	2.0	6.0	-	Remove
15	<i>Lophostemon confertus</i>	Brush Box	500	-	7	4	2.0	6.0	-	Remove
16	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	330	-	7	4	1.3	4.0	-	Remove
17	<i>Lophostemon confertus</i>	Brush Box	220	-	5	3	0.9	2.6	-	Remove
18	<i>Lophostemon confertus</i>	Brush Box	200	-	4	2	0.8	2.4	-	Remove
19	<i>Ficus benjamina</i>	Weeping Fig	300	-	4	4	1.2	3.6	-	Remove
20	-	Stag	400	-	6	-	1.6	4.8	-	Remove
21	<i>Acacia disarrima</i>	Black Wattle	424	300+300	5	6	1.7	5.1	-	Remove
22	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	1,200	-	12	6	4.8	14.4	-	Remove
23	<i>Lophostemon confertus</i>	Brush Box	800	-	10	7	3.2	9.6	-	Remove
24	<i>Eucalyptus siderophloia</i>	Grey Ironbark	340	-	7	4	1.4	4.1	-	Remove
25	<i>Eucalyptus siderophloia</i>	Grey Ironbark	300	-	7	3	1.2	3.6	-	Remove
26	<i>Lophostemon confertus</i>	Brush Box	340	-	5	3	1.4	4.1	-	Remove
27	<i>Lophostemon confertus</i>	Brush Box	300	-	7	3	1.2	3.6	-	Remove
28	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	230	-	6	3	0.9	2.8	-	Remove
29	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	200	-	7	4	0.8	2.4	-	Remove
30	-	Stag	240	-	8	-	1.0	2.9	-	Remove
31	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	250	-	10	4	1.0	3.0	-	Remove
32	-	Stag	150	-	3	-	0.6	1.8	-	Remove
33	-	-	-	-	-	-	-	-	GPS ERROR	-
34	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	280	-	5.5	3	1.1	3.4	-	Remove
35	-	Stag	283	200+200	8	-	1.1	3.4	-	Remove
36	<i>Lophostemon confertus</i>	Brush Box	280	-	8	3	1.1	3.4	-	Remove
37	<i>Eucalyptus propinqua</i>	Small-Fruited Grey Gum	283	200+200	7	3.5	1.1	3.4	-	Remove

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No.: COM/2021/255.....

Dated: 5 June 2023.....

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

114 Eggersdorf Road, Ormeau











DRAWING SCHEDULE

RMP-00	COVER SHEET & CONTEXT
RMP-01	SPECIFICATION NOTES (a)
RMP-02	SPECIFICATION NOTES (b)
RMP-03	PERFORMANCE CRITERIA, CORRECTIVE ACTIONS AND WEED CONTROL METHODS
RMP-04	HERBICIDE USAGE AND RMP TARGET AREA
RMP-05	PLANTING SCHEDULE AND REVEGETATION MAINTENANCE SCHEDULE
RMP-06	INDICATIVE EROSION SEDIMENT CONTROL & TREE PROTECTION ZONES

PROPERTY DESCRIPTION

Address: 114 Eggersdorf Road, Ormeau
Description: Lot 4 on SP254945
LGA: City of Gold Coast
Site Area: 3.85 ha

LEGEND

-  Subject Site Boundary
-  Indicative Erosion Sediment Controls - Refer Spec 4
-  Stormwater Drainage (not part of this plan)
-  Water Main (not part of this plan)
-  Rehabilitation Target Area
-  Pedestrian Pathway
-  Proposed Road
-  Retained Tree - Tree Protection Zone

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

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REHABILITATION PLAN PREAMBLE

Wolter Consulting Group's (WCG) Environment division was engaged by FPC7 Pty Ltd to prepare this Rehabilitation Management Plan (RMP) in response to Item 18C of City of Gold Coast's Information Request (document reference COM/2021/255, dated 17/11/2021), and to support the development application for a residential subdivision of the property located at 114 Eggersdorf Road, Ormeau. This property is formally referred to as Lot 4 on SP254945, and is herein referred to as the Subject Site. The Subject Site is located within the City of Gold Coast (CoGC) Local Government Area and encompasses a total area of approximately 4.85 hectares (ha). The purpose of this RMP is to provide a strategy for rehabilitation of the vegetation retained by the proposed development within the *Hinterland to coast critical corridors* overlay area, which is located at the south-eastern aspect of the Subject Site. The plan aims to enhance the ecological values that are currently compromised within this area.

Aims and Objectives

This rehabilitation plan has been designed to provide a conceptual framework for site rehabilitaiton suitable to comply with requirements of the City of Gold Coast City Plan 2020 and associated Planning Scheme Policies.

The overall aim of this plan is to rehabilitiate, with the incorporation of assisted regeneration and ecosystem reconstuction methodologies, natural vegetation communities endemic to the pre-clearing history of the site and facilitate the growth of vegetation communities which are suitable to the landforms present, thus enhancing the area to be retained by the proposed development. It is noted that, as a result of the vegetation identified as existing within the *Hinterland to coast critical corridors* overlay area on the Subject Site, assisted regeneration strategies comprise the majority of this RMP, with ecosystem reconstruction methodologies employed for a limited extent of the rehabilitation area which has been identified as contained a limited canopy of vegetation.

Strategies within this plan have been designed with respect to rehabilitation methods appropriate for site specific conditions and Regional Ecosystems (RE) RE12.11.3 and RE12.11.5, as described within the Department of Resources (DoR) Regional Ecosystem Description Database (REDD). These vegetation communities have been identified as the most suitable to meet current site conditions and landforms. The adoption of pioneering/mid-successional plating palette aims to provide a self-sustaining, regrowth ecosystem upon practical completion of the rehabilitation program.

Methods have been designed with respect to the South-East Queensland Ecological Restoration Framework, CoGC Planning Scheme Policies and best practice management.

Roles and Responsibilities

The appointed Rehabilitation Contractor (under the supervision of the Environmental Superintendent) is responsible for ensuring the implementation and compliance of this RMP. The appointed Rehabilitation Contractor must at a minimum have a Certificate III in Conservation and Land Management, or a Certificate III in Horticulture, or a Certificate III in Rehabilitation Construction, or equivalent experience in bush regeneration. The Environmental Superintendent must at a minimum hold a Bachelor's degree in Environmental Science or similar, and have ten (10) plus years in delivery of Rehabilitation projects.

Overall Rehabilitation Strategy

For the purposes of this RMP, two (2) rehabilitation areas are identified and accounted for. The strategy for the first rehabilitation area reflects the finding that the area does not currently contain the natural framework to develop into a natural community and therefore requires the implementation of ecosystem reconstruction strategies. As a result, the rehabilitation method proposed for the first rehabilitation area identified by this plan is termed 'Ecosystem Reconstruction' (ER). The total area to be treated with ER strategies is 545m².

Site inspection and assessment of the ER area has identified that intensive planting is required to reach ideal canopy densities and create a self sustaining community. Review of the pre-clear Regional Ecosystem (RE) data obtained from DoR as indicated that RE12.11.5 is the most appropriate for implementation within this area, and resultingly, species selection has been based on the technical descption for this RE. RE12.11.5 is decribed as *Eucalyptus tindaliae*, *E. carnea*, *Corymbia intermedia* +/- *E. siderophloia* or *E. crebra*, *Corymbia citriodora* subsp. *variegata* woodland on *metamorphics* +/- *interbedded volcanics*.

The strategy incorporated by this plan for the secound area of rehabilitaiton reflects the finding that this area currently contains vegetation mapped as remnant and requires only minor rehabilitation assistance, including infill planting, weed removal and rubbish removal. Resultingly, the rehabilitation method proposed for this area is termed 'Assisted Rehabilitation (AR)'. Species selection for infill planting has been based upon the regional ecosystem data obtained from DoR, which maps the area as *RE12.11.3 - Eucalyptus siderophloia*, *E. propinqua* +/- *E. microcorys*, *Lophostemon confertus*, *Corymbia intermedia*, *E. acmenoides* open-forest on *metamorphics* +/- *interbedded volcanics*.

The location of the respective rehabilitation areas are indicated on Sheet 04.

REHABILITATION PLAN SPECIFICATIONS

- 1. Staging of Works
- 2. Site Management
- 3. Weed Control Methods
- 4. Access Track / Fencing Requirements
- 5. Rehabilitation Guide
- 6. Planting Specification
- 7. Tree Guards
- 8. Mulching Specifications
- 9. Timing and Watering Needs
- 10. Maintenance Schedule & Performance Criteria
- 11. Monitoring Requirements
- 12. Reporting Requirements
- 13. Additional Notes

1.0 STAGING OF WORKS

Generally, rehabilitation works are to be undertaken in three (3) stages:
Stage One = Weed control and development of rehabilitation works;
Stage Two = Plant Establishment Phase (12 Weeks); and
Stage Three = Maintenance of rehabilitation works (24 Months).

These stages are to be enforced by a series of HOLD POINTS as follows:

- i) Approval of the rehabilitation layout
- ii) Commencement of Establishment Period
- iii) Finalisation of 12 week Plant Establishment Period and commencement of 24 month On Maintenance period
- iv) Finalisation of 24 month On Maintenance Period and practical completion of project.

Commencement of 'On Maintenance' and finalisation of the program at 'Practical Completion' are subject to a number of performance criteria that are detailed on Sheet 03. The rehabilitation contractor is responsible for ensuring that associated performance criteria are achieved prior to assessment of relative HOLD POINTS (refer Table 1 on Sheet 03). Enforcement details and timing of HOLD POINTS are detailed within Table 1 provided on Sheet 03.

2.0 SITE MANAGEMENT

Existing native vegetation (including the extent of drip lines) within the rehabilitation areas shall not be altered in any form as follows

- Existing vegetation to be protected includes all vegetation (excluding weeds) within the rehabilitation areas and onsite;
- Where services are to be located within the Structural Root Zone (SRZ) of trees to be retained, an Arborist is required before and during works to assess if more than 10 per cent of the tree root mass is to be impacted upon;
- Any damage to trees during works is to be rectified to AS4373/96 Pruning of Amenity Trees and best horticultural practices, with a qualified Arborist engaged for the management of the removal or retained vegetation onsite;
- Avoid ground compaction under trees. If compaction does occur loosen and aerate the soil to a depth of 75mm by hand methods;
- Where protective fencing delineating trees to be retained is required, it must be erected prior to commencement of construction and be in accordance with AS4970/2009 Protection of Trees on Development Sites; and
- Appropriate signage, being 'No Go Zone – Environmental Management Conservation Zone' must be clearly displayed.

Debris remaining from previous land use activities shall be removed and disposed of in an appropriate fashion.

The areas to be rehabilitated are to be accurately defined (in accordance with this rehabilitation plan) and marked out prior to commencement of works including the access track areas indicated on Sheet 04.

The rehabilitation contractor shall verify the location of all existing services before excavation work commences and clearly mark these areas affected by groundwork operations (i.e. clearing drainage and trenching). Do not machine excavate within 1 m of existing primary services. The rehabilitation contractor must repair any damage to existing work, services or infrastructure at their own expense.

3.0 WEED IDENTIFICATION AND CONTROL

A suitably qualified person shall be present to inspect the rehabilitation areas to identify and mark noxious and environmental weeds for appropriate treatment.

Particular attention is to be paid to non-native species listed within the following documents:

- *Biosecurity Act 2014*;
- *Biosecurity Regulation 2016*; and
- *Biosecurity Plan for the Brisbane Local Government Area*.

Weed management and associated works are to be undertaken utilising advice from a trained, experienced bush regenerator with suitable qualifications (i.e. TAFE Certificate IV in Conservation Land Management and current holder of Ground Distribution Contractors Licence and Agricultural Chemical Distribution Certificate (ACDC)).

All companies involved with the distribution of herbicides must hold a current Commercial Operators Licence issued under the *Agricultural Chemicals Distribution Control Act 1966*.

The use of herbicides and associated chemicals on the site must adhere to manufacturers specifications and associated label directions or under the permit prescriptions when utilised under an Off-Label permit as issued under the *Agricultural Chemicals Distribution Control Act 1966*.

Initial weed control shall be completed throughout the rehabilitation area prior to the commencement of rehabilitation plantings.

WEED CONTROL

As preference, all woody weeds shall be treated via cut and paint methods or in-situ poisoning to facilitate protection of native understorey species. Additionally, vine species (where present) are be treated via cut/scrape/paint methods as a preference.

Herbicide application is to be used in accordance with the specifications of the manufacturer and applied by a suitably trained person (refer above). In all areas of rehabilitation, the "spot spraying" technique of herbicide application is preferred for herbaceous species. Particular care is to be afforded to avoid over spraying on all native species of grasses and sedges in order to maximise natural recruitment of the groundcover stratum. Areas for rehabilitation plantings are to be treated with appropriate herbicide a minimum of 4 weeks prior to plant installation.

General methods that may be adopted for treatment are summarised on Sheet 03 of this RMP. For specific weed treatment techniques refer to Queensland Department of Agriculture and Fisheries – Weed and Pest Animal Facts.
<https://www.daf.qld.gov.au/business-priorities/plants/weeds-pest-animals-ants/educational-resources-and-careers/publications/fact-sheets>

4.0 MAINTENANCE TRACK / FENCING SPECIFICATIONS

Given the dense vegetation currently present within AR, and the size and proximity of ER to the proposed road networks and pedestrian path, it is not considered that access/ maintenance tracks will be necessary to achieve rehabilitaiton.

5.0 REHABILITATION GUIDE

The following specifies and details the proposed rehabilitation areas subject to this plan.

5.1 Rehabilitation Area Descriptions

5.1.2 Ecosystem Reconstruction Area (ER)

The area defined as ER is identified on Sheet 04. This area represents land which has been previously cleared of vegetation and contains a regrowth community dominated by *Acacia disparrima* and *Acacia concurrens*. Weed species identified within this community include *Lantana camara*, *Asparagus setaceus*, *Celtis sinensis* and *Cardiospermum grandiflorum*.

To facilitate the development of a self supporting, natural ecosystem which reflects the target RE12.11.5, this area will be subject to ecosystem reconstruction methods including intensive planting of the T1 and groundcover stratum, weed control, and the removal of anthropogenic waste material.

The total area ER-A is approximately 545m². Refer Sheet 05, Table 5 for proposed planting palette for this area.

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No: COM/2021/255

Dated: 5 June 2023

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REHABILITATION MANAGEMENT PLAN

114 EGGERSDORF ROAD, ORMEAU

Description LOT 4 ON SP254945

Local Authority CITY OF GOLD COAST

Client

FPC7 Pty Ltd

DRAWING NO. 20-0517E

VERSION B

DATE DRAWN 24-08-2022

SHEET NO. RMP-01

5.1.3 Assisted Rehabilitation Area (AR)

The area defined as AR is identified on Sheet 04. This area contains vegetation which has been identified as remnant, and therefore requires limited infill planting, where stratum densities do not meet the criteria outlined in section 5.2.3 below, limited weed management, and the removal of anthropogenic waste materials.

The total area to be rehabilitated with the AR strategy is approximately 6,110m². Refer Sheet 05, Table 5 for proposed species palette for AR.

5.2 Rehabilitation Method Specifications - ER Area

5.2.1 Initial Works / Site Preperation Stage specifications

The total area proposed for ecosystem reconstruction is approximately 545m² in area. The location of this area is indicated on Sheet 04 of this RMP.

The area will require weed control prior to the implementation of the rehabilitation methodologies detailed herein. After weed treatment and rubbish removal, the area is to be blanket mulched as per the specifications in Section 8.0. Mulch is to remain for a minimum of five weeks prior to planting in order appropriately condition soil to accept seedling installation. All woody weeds are to be removed. Where woody weed is abundant mechanical methods of removal will be required (e.g. forestry mulcher head on 3t excavator or equivalent). A second chemical treatment of presistant grasses and other weeds is to be undertaken a minimum of one (1) week prior to planting.

General methods and herbicides are provided as a guide to the control methodologies implemented on Sheet 03 of this RMP, however, specific methodologies for weed eradication are to be determined by the commisioned contractor with minimum qualifications and appropriate permits as described herein.

5.2.2 Planting stage specifications - ER

The proposed planting schedule for ER is included on Sheet 5. This planting schedule incorporates a range of typical species found in RE12.11.5 and has been selected to provide rapid ecosystem development via the use of a combination of pioneering and mid-successional planting models. The adoption of this model aims to provide a self-sustaining, regrowth ecosystem upon practical completion of the rehabilitation program.

Upon completion of the weed control and site preperation phase of this plan, the area is to be provided with native species (refer inset Plant Schedule on Sheet 05) at the following densities:

- T1 stratum @ 1 per 10m²;
- Shrub stratum @ 1 per 4m²; and
- Ground stratum @ 1 per 1m².

Refer Section 8.0 for details of mulching requirements.

5.3 Rehabilitation Method Specifications - AR Area

5.3.1 Initial Works / Site Preperation Stage specifications

The areas specified for rehabilitation through AR methodologies will require weed control prior to the implementation of the assisted rehabilitation methodologies detailed herein. General methods and herbicides are provided as a guide to the control methodologies implemented on Sheet 03 of this RMP, however, specific methodologies for weed eradication are to be determined by the commisioned contractor with minimum qualifications and appropriate permits.

Following the completion of weed control within the AR rehabilitation area, the rehabilitation contractor is to determine areas which require infill planting. The criteria to warrant infill planting it outlined within section 5.3.2 below. Areas which require infill planting are to be assessed by the rehabilitaiton contractor to ascertain if there is a requirement for mulching, as a result of limited ground litter. If mulch is determined to be required for infill planting, the rehabilitation contractor is to ensure that rubbish is removed prior it mulch installation.

5.3.2 Planting stage specifications - AR

The total area proposed as AR is 6,110m². This area is identified on Sheet RMP04.

Vegetation surveys within this rehabilitation area has identified that the requirement for planting is limited to infill planting, where the existing vegetation does not meet the following densities.

- Canopy stratum @ 1 per 10m²
- Shrub stratum @ 1 per 4m²; and
- Ground Cover stratum @ 1 per 1m².

The proposed planting schedule incorporates a range of typical species found in RE12.11.3, as per the remnant vegetation currently present within this area. Tube stock should be sun-hardened prior to revegetation works and be of locally derived seed stock.

Organic fertilizers, low in phosphorus content are to be applied only where necessary (refer corrective actions inset Sheet 03 for details) as per manufacturers' specifications.

Procedures for planting of tube stock should be consistent with horticultural best practices. Refer Sheet 08 for typical planting details.

Refer Section 8.0 for details of mulching requirements.

6.0 PLANTING SPECIFICATIONS

Tube stock should be sun-hardened prior to revegetation works and be of locally derived seed stock.

Organic fertilizers, low in phosphorus content are to be applied only where necessary (refer corrective actions inset Sheet 03 for details) as per manufacturers' specifications.

All plants are to be sorted into planting trays before the commencement of works with each tray having a wide diversity of trees and shrubs at the percentages recommended in the plant schedule. All tubestock are to be soaked in water prior to installation ensuring that the entire root ball of each plant is saturated.

Planting holes are to be dug using a petrol powered hand auger (or equivalent) to a depth twice the height of the root ball and double the width of the tube. A minimum of 2 litres of water is to be applied to the planting hole prior to plant installation. Water crystals and native plant fertiliser (e.g. Terraform) are to be installed in accordance with manufacturers specifications to each planting hole.

The plant is to be gently removed from the tube and inserted into the prepared planting hole. Backfill material is to be free of solid dirt clods that will create air pockets within the planting hole and prevent adequate contact with the whole of the root ball. Soil must be backfilled around the plant to a level where the top of the plant rootball is a minimum of 2mm below the soil surface. Gentle pressure is to be applied to remove any retained air pockets. Refer Sheet 05 for further detail.

7.0 TREE GUARDS

All installed shrub and tree seedlings within the rehabilitation area are to be provided with a 450mm (140mmx140mmx140mm) coreflute tree guard to prevent herbicide drift, wildlife browsing and to assist in strong upward growth. Each tree guard is to be provided with a single 8mm-10mm x 75cm bamboo stake (or 17mm x 17mm x 75cm hardwood stake) installed to manufacturers specification. Refer Standard Drawing on Sheet 05 for details.

8.0 MULCHING SPECIFICATIONS

The ER rehabilitation area is to be provided with blanket mulch to a final settled depth of 75mm (min). Mulch is to be installed prior to the installation of plants. Site sourced mulch is to be used as a priority, with infill mulch incorporated as a supplement. We recommend weed-free, aged forest mulch to be utilised with preference to weed free double ground mulch sourced from onsite clearing activities. Mulch can be substituted as recommended by an appropriately qualified/experienced revegetation contractor. It is anticipated that approximately 409m³ of mulch will be required within the ER area. To reduce the potential for "collar rot" and infestation of disease, mulch is not to touch the stem of installed seedlings.

Should it be determined that mulch is required within the AR area, it is to be provided at a final settled depth of 75mm (min) and is to be installed prior to planting and be placed to ensure it does not touch the stem of installed seedlings.

9.0 TIMING AND WATERING NEEDS

To increase the success of plantings, revegetation should occur outside of the hotter periods of the year. This will ensure that heat related stress to newly planted seedlings is minimized. The period of March through November is preferable. Works shall be undertaken in three stages undertaken concurrently (refer Section 1 for details).

Watering is to be undertaken initially following planting and subsequently, new plantings shall be watered as determined by prevailing environmental conditions (seedling performance to be monitored) for the duration of this rehabilitation plan (i.e. until off-maintenance period commences). Watering duties are required (at a minimum) throughout the twelve (12) week establishment period. All 'new' planting stock must be thoroughly watered before planting, immediately after planting and as required to maintain growth rates free of stress. Recommended watering schedule includes:

- Week 1 – Everyday;
- Week 2-6 – Twice per week; and
- Week 6-12 – Weekly.

10.0 MAINTENANCE SCHEDULE & PERFORMANCE CRITERIA

To assist successful revegetation, maintenance is to be on-going during the plant establishment period (minimum 6 months) and On Maintenance Period (18 months). Seedlings are to be kept weed free (to minimise competition for nutrients and sunlight) and mulch is to be maintained in "as laid" condition. All stages (and associated HOLD POINTS see Table 1 below) are to be assessed according to the Performance Criteria provided inset on Table 2.

The minimum maintenance requirements throughout the 104 week On Maintenance Period are detailed on Sheet 05.

11.0 MONITORING REQUIREMENTS

Prior to commencement of works two (2) fixed location and height photo monitoring points are to be established by the Environmental Superintendant within each of the rehabilitation areas, at appropriate locations. The photo monitoring locations shall be utilised to monitor the progress of rehabilitation at regular intervals. Photos are to be taken from the fixed height at each compass point (accuratly determined to ensure replicable images are produced).

An initial photo monitoring event is required prior to the commencement of works and results will represent baseline conditions.

Post baseline monitoring, further monitoring events are to be conducted at quartlerly intervals and are to be used to inform reporting requirements detailed in Section 12.0 below.

12.0 REPORTING REQUIREMENTS

Contractor Reporting

In the first week of each quarter of the rehabilitation plan the contractor is to provide a report to the Environmental Superintendent detailing the following minimum progress details:

- Works conducted
- Photo Monitoring Point (PMP) imagery (minimum 1 monitoring point)
- Weed species treated ranked in order of dominance
- Methods of weed treatment employed
- Volume and types of herbicide utilized during the preceeding month
- Details of any corrective actions undertaken to rectify non- conforming performance criteria or adaptive management strategies employed.
- Details of any environmentally related incidents that may have occurred and actions undertaken to rectify
- Details of WHS related incidents that may have occurred and actions taken.

Reporting is excluded where activities are not conducted within any given month (e.g. on-maintenance periods).

Superintendant Reporting

At quarterly intervals the Environmental Superintendant shall provide to Council's representative a progress report including the following details at a minimum:

- Description of works undertaken during previous quarter;
- Results of monthly contractor reporting;
- Photographic imagery returned from PMP's in the previous quarter
- Volume of herbicide usage over previous quarter, species treated and methods utilized
- WHS incident summary
- Corrective Actions and adaptive management actions implemented during previous quarter
- Recommendations for works required during next quarter (adaptive management).

13.0 ADDITIONAL NOTES

The appointed Rehabilitation Contractor (under the supervision of the Environmental Superintendent) is responsible for ensuring the implementation and compliance of this RMP. The appointed Rehabilitation Contractor must at a minimum have a Certificate III in Conservation and Land Management, or a Certificate III in Horticulture, or a Certificate III in Rehabilitation Construction, or equivalent experience in bush regeneration. The Environmental Superintendent must at a minimum hold a Bachelor's degree in Environmental Science or similar, and have ten (10) plus years in delivery of Rehabilitation projects.

All defects and liability for materials such as (but not limited to), replacement of dead and/or stolen plant species lies with the appointed Rehabilitation Contractor (under the supervision of the Environmental Superintendent). Replacement must be of equivalent species.

Not all species listed may be available at time of planting, however it is essential a wide diversity of species are utilised (>75% of listed species).

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REHABILITATION MANAGEMENT PLAN

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Description LOT 4 ON SP254945
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DRAWING NO. 20-0517E
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DATE DRAWN 24-08-2022
SHEET NO. RMP-02

To prevent the spread of fire ants the QLD government has implemented controls that apply to individuals and commercial operators to restrict the movement of materials that could carry fire ants including soil, turf, potted plants, mulch, baled hay or straw, animal manures and mining or quarry products. Penalties apply for non-conformance with the movement controls. All contractors involved with this project are to ensure their obligations under the Biosecurity Act 2014 are complied with at all times.

Table 1 - Hold Point Details

Hold Point	Assessing Party	Timing
Layout Approval	Environmental Representative	Prior to commencement of mulching/planting phase
Commencement of Establishment Period	Environmental Representative	Post completion of planting phase
Commencement of On Maintenance	Environmental Representative Local Council Representative	6 months post commencement of Establishment phase
Practical Completion	Environmental Representative Local Council Representative	18 months post completion of Establishment Period

Table 2 - Performance Criteria and Corrective Actions

Performance Criteria	Corrective Action / Comments
On Maintenance Criteria	
Seedling survival rate adequate to achieve RMP density requirements	Replant seedlings as required
Mulch as per specification	Employ pest deterrent if appropriate
Jute Mesh in as installed condition	Re-mulch to specification
Reduction in weed populations qualitatively apparent within planting areas. Removal of all woody environmental and restricted weed species	Reinstall / re-secure Jute Mesh
	Increase frequency of weed treatment.
	Removal of woody weeds via appropriate methods. Utilise alternative methodology where required. Employ mechanical/manual removal methods in addition to chemical treatment options.
End of Month 12 (post establishment period)	
Control of all environmental and restricted weed species	Retreat and remove all environmental and restricted weed species. Treat stumps and regrowth. Utilise alternative control methods where required.
Mulch to be in 'as installed' condition >90% seedling survival	Re-apply mulch to original depth and extent
	Replant species as required
	Employ pest deterrent if required
Revegetation plots are well established with heights, density and diversity similar to that of naturally occurring areas of similar vegetation types of similar age.	Replant species as required, increase water to seedlings and ensure mulch cover.
>80% of trees to be at a height of no less than 1m with densities as per those proposed in this plan achieved.	Employ adaptive management strategies.
	Increase water frequency. Apply appropriate fertilizer (low phosphorus, organic at rates as per manufacturers specifications). Increase frequency of weed management if appropriate. Employ adaptive management strategies.
End of month 18 (off-maintenance requirements)	
Clearance and eradication of all environmental and restricted weed species (<90%)	Retreat and remove all environmental and restricted weed species. Treat stumps and regrowth. Utilise alternative control methods where required.
>90% seedling survival rate	Replant species as required
Revegetation is well established with >80% of trees at no less than 2m in height with densities as per those proposed in this plan achieved.	Additional planting of advanced stock to achieve benchmark criteria. Increase watering frequency and weed management if appropriate. Application of low phosphorus, organic fertilizer (as per manufacturers advice) to base of underperforming plants.
Density and diversity similar to that of natural occurring vegetation of similar composition.	

Table 3 - General Weed Control Methods

Weed Control Methods	
Manual Methods	
Name	Description
Hand Removal	Appropriate for small numbers of plants in isolated areas. Low impact method. Weed is manually pulled from the soil or where a deep tap root is present a trowel or knife can be used to loosen soil enabling removal of the entire plant. Bag and remove from site.
Crowning	Used on weeds with growth points located at or below ground level (e.g. <i>Asparagus spp.</i>). Above ground components of the plant are trimmed at near to ground level. A knife (or similar) is then inserted close to the base of the plant at an angle ensuring the knife tip is well under the root system. Roots are then severed close to the base of the plant. The crown must be removed from site and disposed of in an appropriate manner.
Mechanical Methods	
Name	Description
Brushcutting	Use of brush cutters to reduce the dominance of larger areas of herbaceous species and grasses. Chemical treatment can be used in association (prior to brush cutting or during active regrowth stage).
Chainsaw	Use of chainsaw to fell species that can then be chemically treated to reduce regrowth potential.
Slashing	Slashing and mowing to reduce weed growth and restrict flowering at critical weed lifecycle periods
Mulching	Mulching and smothering using large and small machinery specifically designed to mulch trees and woody vegetation in-situ. The use of the mulch on-site can assist in supressing weed growth but should be utilised cautiously as some weed species have characteristic propagative capabilities where vegetative germination is possible.
Blade Ploughing	The use of a dozer blade to push over woody weeds and destroy root systems. Should only be utilised where sensitive weeds removal techniques are not required.
Chemical Methods	
Name	Description
Cut / Paint (Cut/Stump)	Preferred method for woody weeds, trees and some vines (e.g. groundsel, Camphor Laurel). The plant trunk is cut horizontally near to ground level with herbicide applied immediately to the exposed internal structures with a spray bottle or paint brush. Can be utilised during periods of light rain where spray methods are rendered useless.
Frilling	Appropriate for tree sized woody weeds (<100mm diameter). An axe or chainsaw is used to slice sections of the trunk at 100mm intervals around the entire circumference of the tree. These incisions are made at an angle of approx. 45 degrees ensuring the Cambrian layer is not exceeded with the incision. Herbicide (neat or 2:1) is then painted or sprayed into the hole within 7 seconds of the wound being made. Utilise only where public safety issues or not relevant as treated tree specimens are likely to drop branches as the tree dies.
Scrape / Paint	Similar to cut/stump but more useful on vine species particularly where it is necessary or preferable to retain the vine structure intact (e.g. aerial tubers on Madeira vine). Propagules are initially removed (where appropriate) before scraping the plant tissue away on one side of the stem for up to 100cm before leaving a small gap and repeating on the other side of the stem. Undiluted herbicide is then applied to the exposed xylem tissue within 7 seconds of exposure.
Spot/Foliar Spray	Low volume distribution of herbicide via the use of knapsack or hand held pneumatic spray packs (can include 12V battery operated ute/quad mounted units). Appropriate for a wide range of herbaceous weed species. Less efficient when dealing with high abundance woody weeds.

Weed Control Methods (contd)	
Splatter Gun/Gas Gun	Utilises a gas gun (fan shaped nozzle = Gas Gun Treatment and Nozzle delivering solid stream of large droplets = Splatter Gun) to treat hard to access or high abundance areas of herbaceous and/or woody weeds. Applies a low volume of concentrated herbicide to the target species reaching potential distances of up 10m away. Non-target damage is minimised given the high concentration and minimal contact area required to treat target species. Particularly effective on large Lantana thickets. Gas gun method (i.e. Fan shaped nozzle providing uniform coverage of 4-5m²) is utilised in areas where water access is limited and is generally useful for smaller isolated weed occurrences.
Stem Inject	Applies to all larger woody weeds and trees (greater than 100mm trunk diameter). A battery powered drill is used to excavate a hole placed at an angle of approximately 45 degrees into the xylem tissue of the trunk. Care must be taken to ensure the hole is located within the xylem and not into deadwood in the centre of the trunk. Herbicide (neat or 2:1) is then injected directly into the hole within 7 seconds. This process is repeated around the entire circumference of the trunk at approximately 100mm intervals. Utilise only where public safety issues or not relevant as treated tree specimens are likely to drop branches as the tree dies.
High Volume Foliar Distribution	Distribution of chemical mix (generally low concentration) via the use of petrol driven pump, tank, retractable hose and hand gun under high pressure. Effective for where large areas of treatment are required. An additional benefit is that units can be mounted on 4WD or other vehicles to enable access to remote locations or where access to water may be limited (i.e. chemical mix can be prepared and transported to site).
Over spray method	Useful where large dense infestations of weeds species occur. Herbicide is sprayed over the top of the infestation canopy at recommended rates using the weed canopy as shelter for regenerating plants underneath. Sprayed plants are left intact to prevent erosion, protect native seedlings, retain habitat and discourage human access.
Basal Barking	Herbicide is mixed with Diesel to assist bark penetration. The herbicide mix is sprayed onto the trunk to a height of 30cm and for the entire circumference of the target specimen. Do not utilise this method where the bark is corky, wet or charred.

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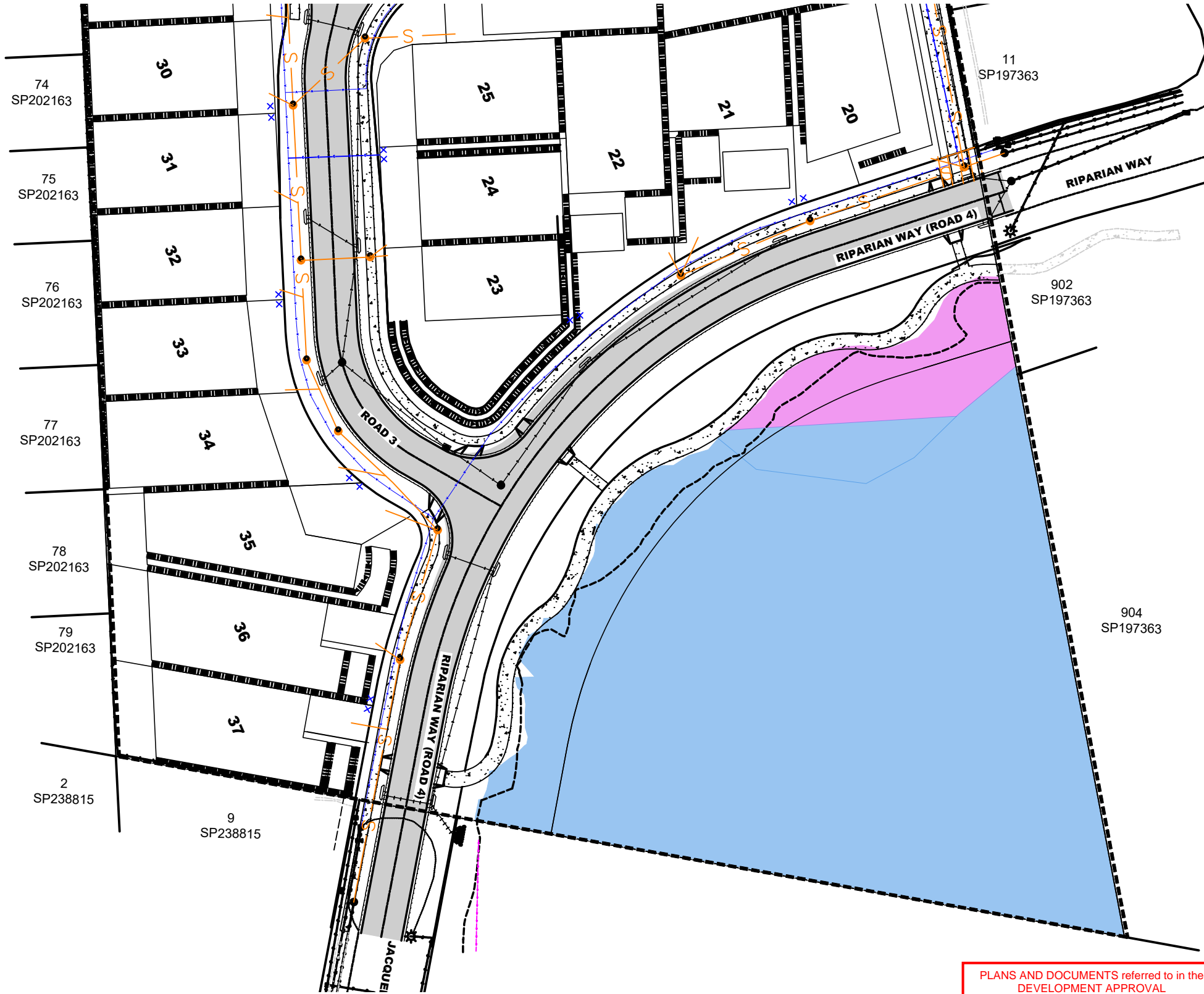
LEGEND

- Subject Site Boundary
- Indicative Erosion Sediment Controls - Refer Spec 4
- Stormwater Drainage (not part of this plan)
- Water Main (not part of this plan)
- Rehabilitation Area - AR
- Rehabilitation Area - ER
- Pedestrian Pathway
- Proposed Road
- Retained Tree - Tree Protection Zone

Table 4 - Potential Herbicides for use

Active Ingredient	Product Name	Application Method	Rate (chem:water unless otherwise stated)	Selective	Notes
Glyphosate 360	Roundup® Biactive™	Foliar Spray	1:100	✗	Broad Spectrum. Reduced impacts on aquatic environments and species.
		Cut/Scrape/Paint	1:1	✗	
		Stem Inject	1:2	✗	
		Cut Stump	1:4	✗	
		Splatter Gun	1:9	✗	
Metsulfuron Methyl	Brush-Off®	Foliar Spray	10g/100L	✓	Broadleaf selective. Retains grasses. Compatible with Glyphosate to increase effectiveness on stubborn species
		Splatter Gun	10g/10L	✓	
Aminopyralid + Picloram + Triclopyr	Grazon® Extra	Foliar Spray	500mL/100L	✓	Herbaceous woody weeds and broadleaves. Retains grasses
		Splatter Gun	325mL/10L	✓	
Picloram	Vigilant® Gel	Cut Stump	Neat	✓	Reduces off target impacts. Retains grasses
Aminopyralid + Fluroxypyr	Hotshot®	Foliar Spray	700mL/100L	✓	Broadleaf selective, retains grasses. Effective on Lantana
Fluproprate 745	Taskforce®	Foliar Spray	1L/100L	✓	Effects certain grasses only retaining broadleaf species. Slow effect time but residual effects for 2-3 years
		Blanket Wipe	500mL/10L	✓	
		Boom Spray	3L/ha	✓	

- NOTES:
- Wetting agents can be included in herbicide mix where on-label details approve.
 - The above rates and usage are for general reference only. An appropriately qualified (ACDC minimum with commercial operators licence) professional shall be commissioned to assess on-site conditions and species to formulate appropriate treatment methods and chemical treatments.
 - All chemical treatments are to be in accordance with label specifications or AGVET permit approved.



Note: Detail on existing vegetation is included in the submitted Vegetation Management Plan (drawing number 21-0766E, version A, dated 10/12/2021).

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Table 5 - Planting Schedule

Ground Cover					
Botanical name	Common Name	Community	Density (m2)	Stock Size	Area
<i>Cymbopogon refratus</i>	Barbed Wire Grass	12.11.3/ 12.11.5	1 per 1m ²	75mm Tubestock	AR/ ER
<i>Digitaria parviflora</i>	Small-flowered Finger Grass	12.11.3/ 12.11.5	1 per 1m ²	75mm Tubestock	AR/ ER
<i>Dianella caerulea</i>	Blue Flax-lily	12.11.3	1 per 1m ²	75mm Tubestock	AR
<i>Entolasia stricta</i>	Panic Grass	12.11.3	1 per 1m ²	75mm Tubestock	AR
<i>Eremochloa bimaculata</i>	Poverty Grass	12.11.5	1 per 1m ²	75mm Tubestock	ER
<i>Imperata cylindrica</i>	Blady Grass	12.11.3/ 12.11.5	1 per 1m ²	75mm Tubestock	AR/ ER
<i>Lepidosperma laterale</i>	Variable Sawsedge	12.11.5	1 per 1m ²	75mm Tubestock	ER
<i>Oplismenus imbecillis</i>	Creeping Beard Grass	12.11.3	1 per 1m ²	75mm Tubestock	AR
<i>Panicum effusum</i>	Hairy Panic	12.11.5	1 per 1m ²	75mm Tubestock	ER
<i>Themda triandra</i>	Kangaroo Grass	12.11.3/ 12.11.5	1 per 1m ²	75mm Tubestock	AR/ ER

Shrubs

Botanical name	Common Name	Community	Density (m2)	Stock Size	Area
<i>Acacia concurrens</i>	Black Wattle	12.11.5	1 per 4m ²	75mm Tubestock	ER
<i>Acacia disparrima subsp.Disparrima</i>	Hickory Wattle	12.11.3/ 12.11.5	1 per 4m ²	75mm Tubestock	AR/ ER
<i>Acacia falcata</i>	Sickle Wattle	12.11.5	1 per 4m ²	75mm Tubestock	ER
<i>Acacia fimbriata</i>	Brisbane Golden Wattle	12.11.5	1 per 4m ²	75mm Tubestock	ER
<i>Acacia irrorata</i>	Green Wattle	12.11.3	1 per 4m ²	75mm Tubestock	AR
<i>Acacia leiocalyx</i>	Black Wattle	12.11.5	1 per 4m ²	75mm Tubestock	ER
<i>Acacia maidenii</i>	Maiden's Wattle	12.11.3/ 12.11.5	1 per 4m ²	75mm Tubestock	AR/ ER
<i>Allocasuarina torulosa</i>	Forest Oak	12.11.3	1 per 4m ²	75mm Tubestock	AR
<i>Alphitonia excelsa</i>	Soap Tree	12.11.3/ 12.11.5	1 per 4m ²	75mm Tubestock	AR/ ER
<i>Breynia oblongifolia</i>	Coffee Bush	12.11.3	1 per 4m ²	75mm Tubestock	AR
<i>Lophostemon confertus</i>	Brush Box	12.11.3/ 12.11.5	1 per 4m ²	75mm Tubestock	AR/ ER

Trees

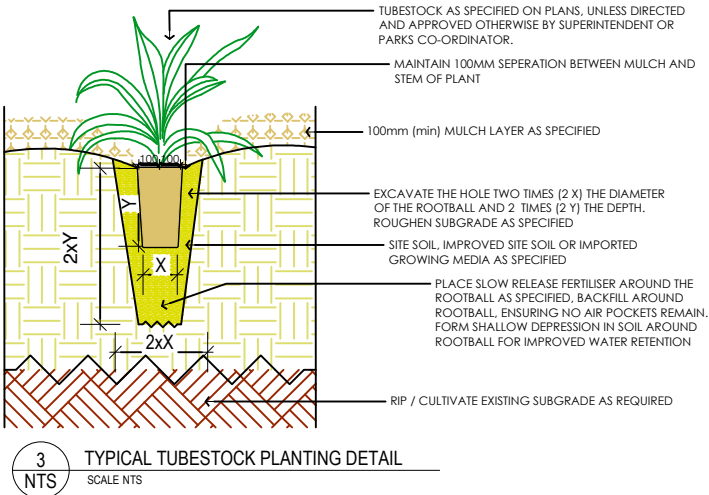
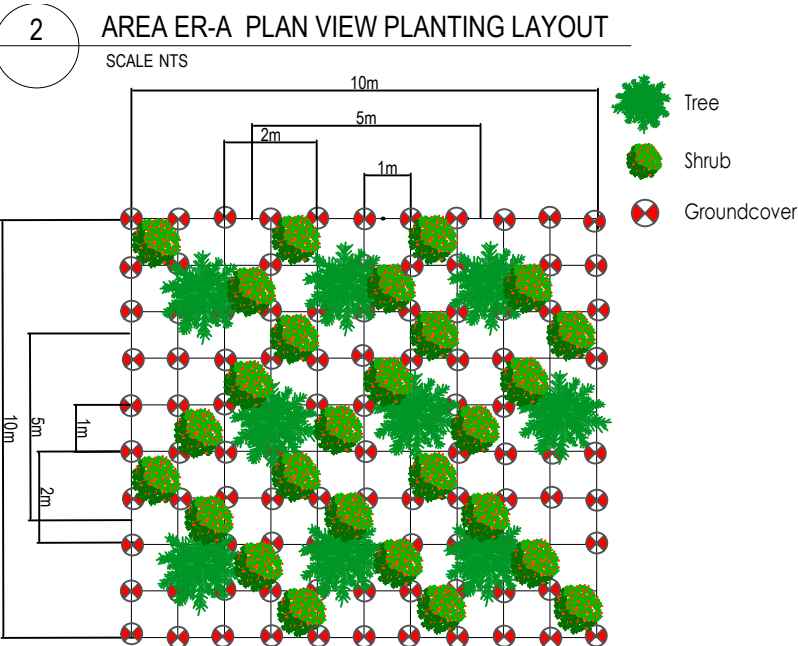
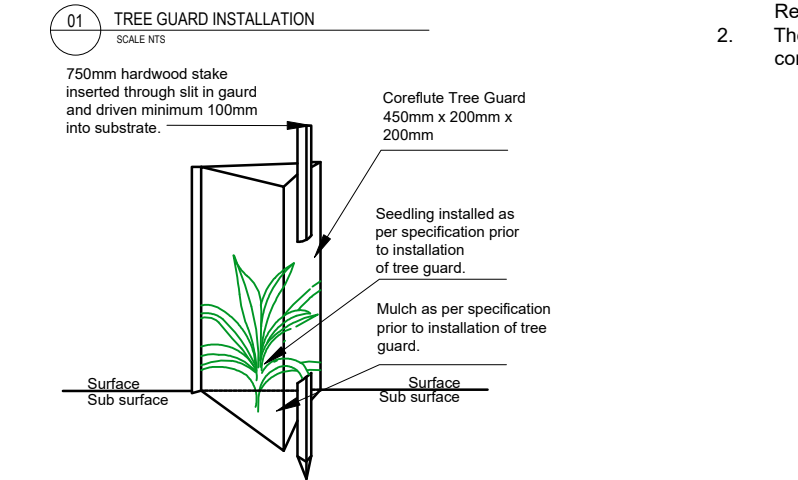
Botanical name	Common Name	Community	Density (m2)	Stock Size	Area
<i>Angophora leiocarpa</i>	Rusty Gum	12.11.5	1 per 10m ²	75mm Tubestock	ER
<i>Corymbia intermedia</i>	Pink Bloodwood	12.11.5	1 per 10m ²	75mm Tubestock	ER
<i>Eucalyptus acmenoides</i>	White Mahogany	12.11.3	1 per 10m ²	75mm Tubestock	AR
<i>Eucalyptus carnea</i>	Broad Leaved White Mahogany	12.11.3/ 12.11.5	1 per 10m ²	75mm Tubestock	AR/ ER
<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark	12.11.5	1 per 10m ²	75mm Tubestock	ER
<i>Eucalyptus propinqua</i>	Small Fruited Grey Gum	12.11.3	1 per 10m ²	75mm Tubestock	AR
<i>Eucalyptus siderophloia</i>	Grey Ironbark	12.11.3/ 12.11.5	1 per 10m ²	75mm Tubestock	AR/ ER
<i>Eucalyptus microcorys</i>	Tallowwood	12.11.3	1 per 10m ²	75mm Tubestock	AR
<i>Eucalyptus tereticornis</i>	Forest Red Gum	12.11.5	1 per 10m ²	75mm Tubestock	ER
<i>Eucalyptus tindaliae</i>	Tindal's Stringybark	12.11.5	1 per 10m ²	75mm Tubestock	ER

- NOTES:
- Species have been selected in accordance with DSITIA REDD Technical Descriptions V11.1 for Regional Ecosystem RE12.3.6 & RE12.5.3a. The exchange of species outside of this recommended list must be conducted in consultation with the author.
 - Tree species have been selected to achieve a rapid canopy establishment utilising the 3:1 pioneer:mid & climax successional species model.
 - * = species to be numerically dominant within planting areas.

Table 6 - Revegetation Maintenance Schedule

REVEGETATION MAINTENANCE SCHEDULE																																																							
ROUTINE MAINTENANCE (✓)				REACTIVE MAINTENANCE (✗)				JAN				FEB				MAR				APR				MAY				JUN				JUL				AUG				SEP				OCT				NOV				DEC			
Season:				Summer				Summer				Autumn				Autumn				Autumn				Winter				Winter				Winter				Spring				Spring				Spring				Summer							
WEEKS				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4								
Activity Description																																																							
General Operations (Post Establishment Months 1-12)																																																							
Litter Collection				✗				✗					✗					✗					✗					✗					✗					✗					✗												
Rehabilitation Operations (Post Establishment Months 1-12)																																																							
Planting of plant stock				✗				✗				✗				✗				✗				✗				✗					✗					✗					✗												
Care of plant stock				✓												✓																															✓								
Rehabilitation Maintenance				✓								✓					✓							✓					✓																✓				✓						
Weed Control				✓								✓					✓							✓					✓																		✓			✗					
Watering				✗				✗				✗				✗				✗				✗																															
General Operations (Post Establishment Months 12-18)																																																							
Litter Collection				✗											✗								✗																								✗			✗					
Rehabilitation Operations (Post Establishment Months 12-18)																																																							
Planting of plant stock				✗								✗					✗							✗					✗																		✗			✗					
Care of plant stock				✓												✓																																	✓						
Rehabilitation Maintenance				✓								✓					✓							✓					✓																		✓			✓					
Weed Control				✓								✓					✓							✓					✓																			✗			✗				
Watering																																																							

- NOTES:
- Maintenance schedule is indicative only and shall be adjusted as required to achieve the outcomes prescribed within this Rehabilitation Management Plan.
 - The contractor is wholly responsible for achieving the required outcomes of this plan and all costings associated are to consider this requirement.



PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No.: COM/2021/255

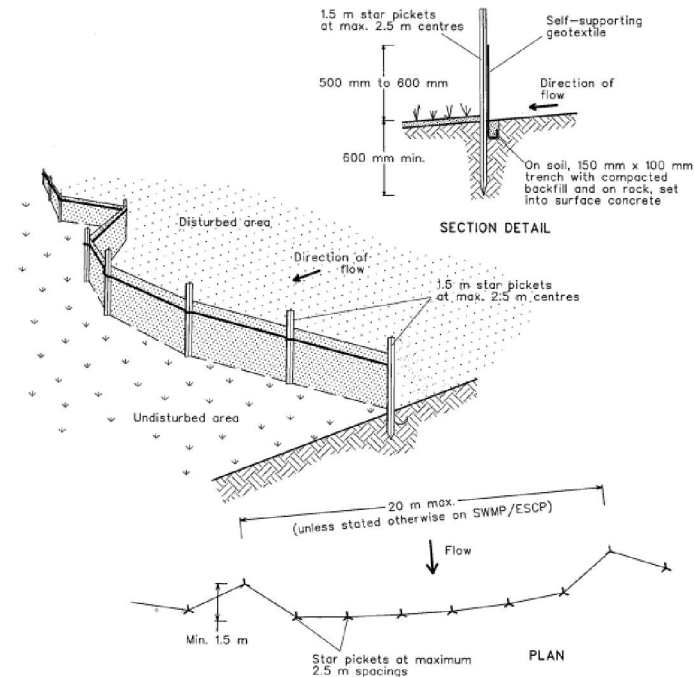
Dated: 5 June 2023

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

LEGEND

- Subject Site Boundary
- Indicative Erosion Sediment Controls - Refer Spec 4
- Stormwater Drainage (not part of this plan)
- Water Main (not part of this plan)
- Rehabilitation Area - AR
- Rehabilitation Area - ER
- Pedestrian Pathway
- Proposed Road
- Retained Tree - Tree Protection Zone

4 SEDIMENT FENCE SPECIFICATION
SCALE NTS

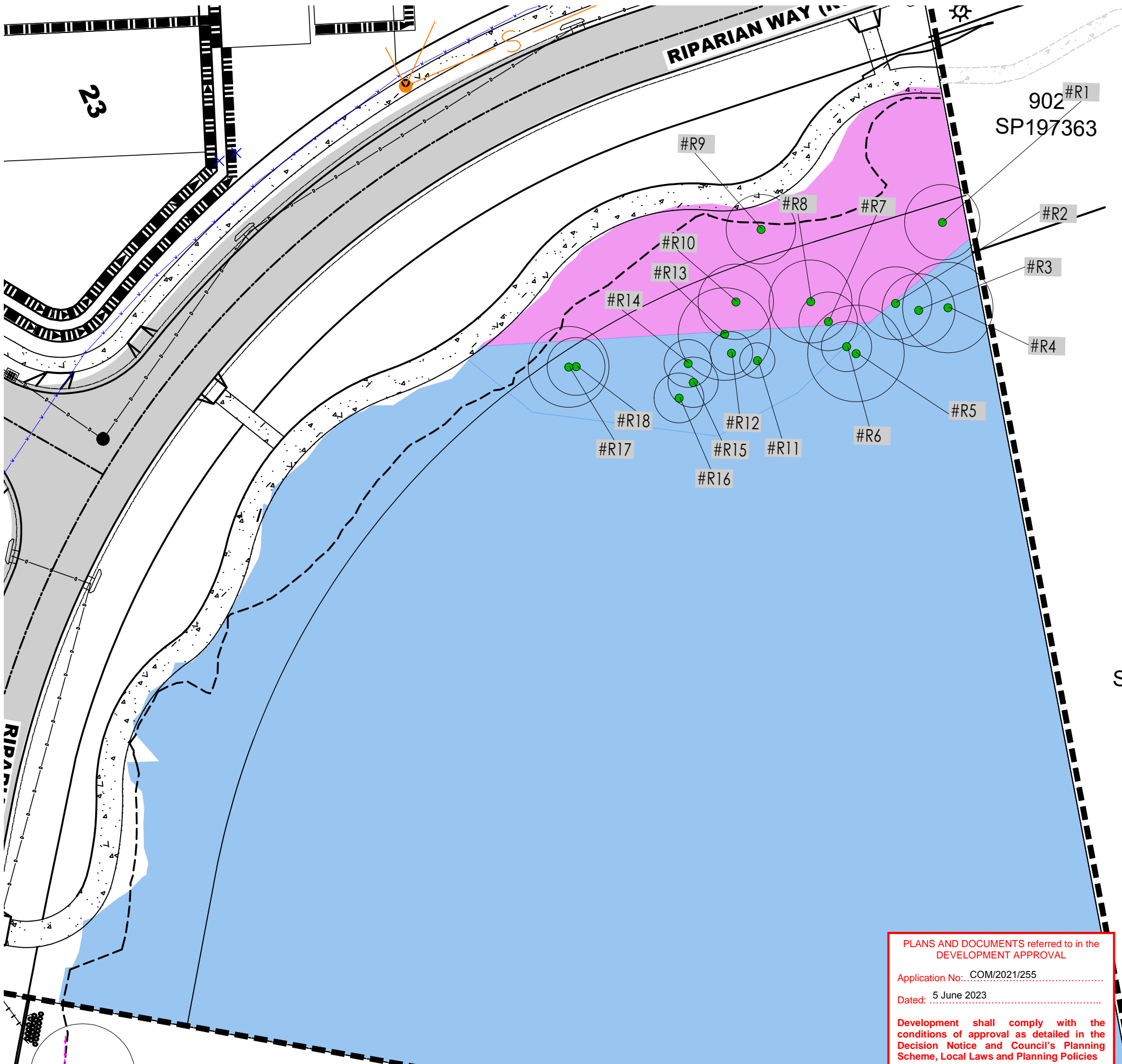


Construction Notes

- Construct sediment fences as close as possible to being parallel to the contours of the site, but with small returns as shown in the drawing to limit the catchment area of any one section. The catchment area should be small enough to limit water flow if concentrated at one point to 50 litres per second in the design storm event, usually the 10-year event.
- Cut a 150-mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
- Drive 1.5 metre long star pickets into ground at 2.5 metre intervals (max) at the downslope edge of the trench. Ensure any star pickets are fitted with safety caps.
- Fix self-supporting geotextile to the upslope side of the posts ensuring it goes to the base of the trench. Fix the geotextile with wire ties or as recommended by the manufacturer. Only use geotextile specifically produced for sediment fencing. The use of shade cloth for this purpose is not satisfactory.
- Join sections of fabric at a support post with a 150-mm overlap.
- Backfill the trench over the base of the fabric and compact it thoroughly over the geotextile.

Notes:

- Detail on existing vegetation is included in the submitted Vegetation Management Pan (drawing number 21-0766E, version A, dated 10/12/2021).
- Erosion and Sediment specification is indicative only and subject to detailed design by an appropriate qualified professional.
- Erosion and Sediment control detail to be provided under a seperate operational works application.
- Indicative Erosion and Sediment control location in general conformance with toe of earthworks batters.



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