

- LEGEND:**
- CADASTRAL BOUNDARY
 - SURVEYED EXISTING ROAD
 - DESIGN EXISTING ROAD EDGE FOR ROAD WIDENING
 - WIDENED ROAD EDGE
 - NEW SHOULDER
 - NEW VERGE AND GUARDRAIL
 - NEW TABLE DRAIN
 - NEW ROAD BATTER
 - EXISTING ROAD (SINGLE SEAL)
 - NEW ROAD (2 COAT SEAL)
 - NEW ROAD WIDENING (2 COAT SEAL)
 - NEW GRAVEL FARM ACCESS
 - EXISTING TELSTRA COMMS SERVICE
 - EXISTING RIVERS, STREAMS, CREEKS
 - EXISTING ELECTRICAL
 - EXISTING FENCE
 - NEW FENCE
 - SIGHT DISTANCE BENCHING / VEG CLEARING
 - LAND ACQUISITION / NEW PROP BOUNDARY
 - EXISTING SIGN/POLE AS PER SURVEY
 - NEW STORMWATER (TO REPLACE EXISTING)
 - NEW STORMWATER (BRAND NEW/NO EXISTING)
 - EXISTING STORMWATER
 - NEW STORMWATER INLET HEADWALL
 - NEW STORMWATER OUTLET HEADWALL
 - NEW STORMWATER INLET DRIVABLE HEADWALL
 - NEW STORMWATER OUTLET DRIVABLE HEADWALL

- NOTES:**
1. GEOREFERENCED BACKGROUND IMAGES SUPPLIED BY CENTRAL COAST COUNCIL.
 2. WHERE REQUIRED, THE NEW GUARDRAIL MUST BE LOCATED AT THE EDGE OF SHOULDER WITHIN THE NEW VERGE.
 3. THE LAND ACQUISITION AND NEW FENCE IS REQUIRED TO ACHIEVE A MINIMUM CLEARANCE OF 3M FROM THE EDGE OF THE NEW ROAD BATTER.
 4. ALL DRIVEWAYS TO BE CONSTRUCTED AS PER TSD-R03 WITH PIPE CULVERT WHERE REQUIRED AT NEW TABLE DRAIN.
 5. ALL SIGHT DISTANCE BENCHING TO BE IN ACCORDANCE WITH AUSROADS AND AS INDICATED ON THE CROSS SECTIONS.



LAND ACQUISITION AREA $\approx 618m^2$
LAND ACQUISITION AND TREE
CLEARING FOR 3.0m CLEAR ZONE
FROM BATTER.

579 IRONCLIFFE ROAD
TITLE REFERENCE: 201509/1

PI 18	
CHAINAGE	2362.527
X	419021.171
Y	5445288.768
RADIUS	1000
CURVE LENGTH	68
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	17 (60 SPACING)
GUIDE POSTS INSIDE	17 (60 SPACING)

NEW FENCE ON
ROAD RESERVE.

INDICATIVE VISIBILITY
BENCHING TO PROVIDE
90m SIGHT DISTANCE.

LAND ACQUISITION
BOUNDARY NOT
FENCED.

IRONCLIFFE ROAD

ADVISORY SIGNS -
W1-3A(R)
W5-11A

EXISTING
POWERPOLE

EXISTING FENCE
TO BE RETAINED

572 IRONCLIFFE ROAD
TITLE REFERENCE: 143252/1
OWNER - C.P.J. MARSH

572 IRONCLIFFE ROAD
TITLE REFERENCE: 84714/1

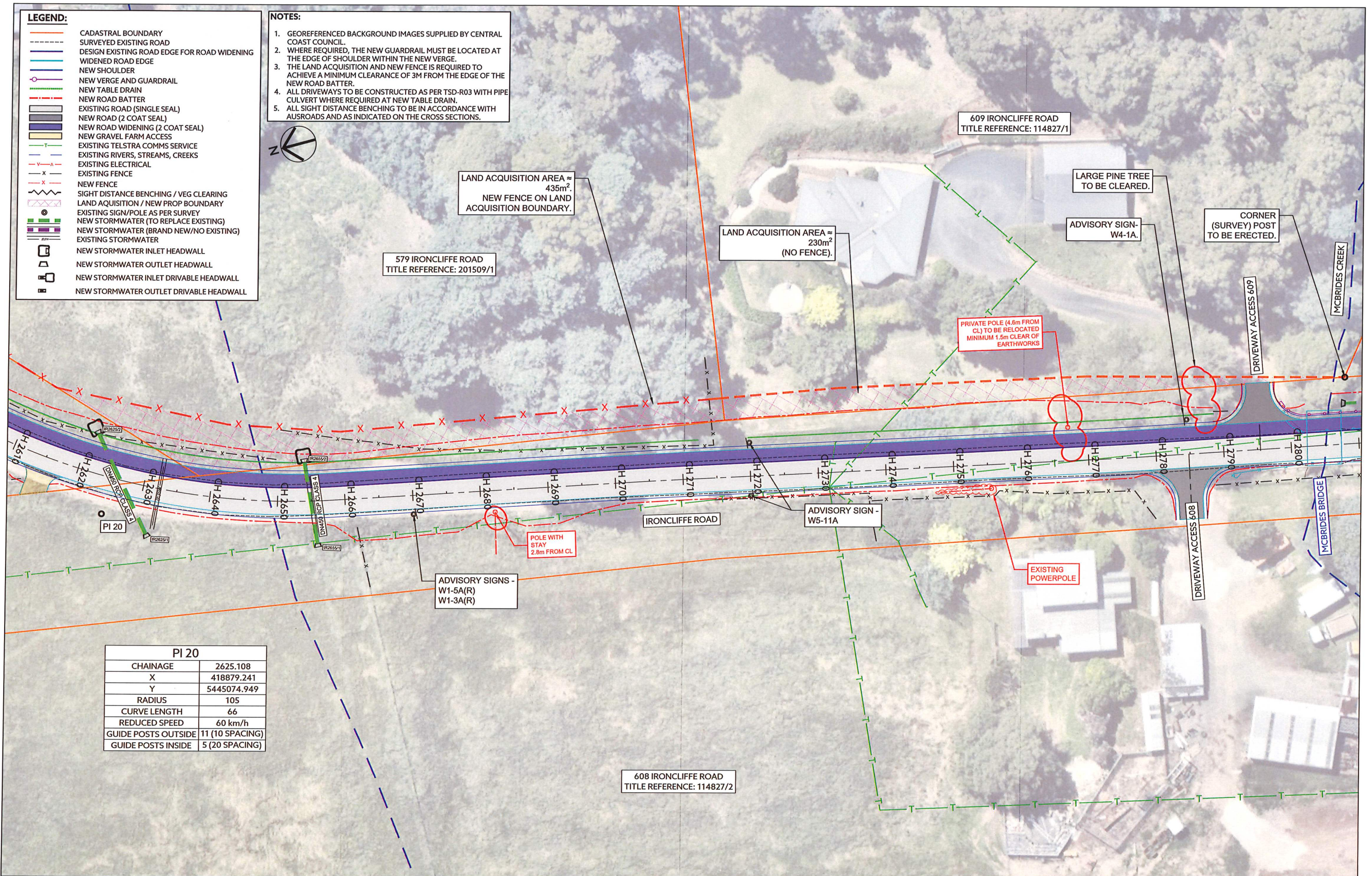
509 IRONCLIFFE ROAD
TITLE REFERENCE: 50838/1

PI 17	
CHAINAGE	2222.232
X	419050.700
Y	5445426.671
RADIUS	130
CURVE LENGTH	65
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	13 (10 SPACING)
GUIDE POSTS INSIDE	6 (20 SPACING)

DRAWING STATUS:				DESIGNED:	REVIEWED:	CLIENT:	CENTRAL COAST COUNCIL
CONSTRUCTION				J.C.	M.W.	PROJECT DESCRIPTION:	IRONCLIFFE ROAD UPGRADE-SECTION 2
COORDINATE/ DATUM:				DRAWN:	REVIEWED:	ADDRESS:	IRONCLIFFE ROAD, PENGUIN
GDA2020				J.C.	A.W.	DRAWING TITLE:	LAYOUT PLAN - SECTION 2
JOB MANAGER: MARK WESTERBERG				SHEET 12 OF 29			
ISSUED DATE: 2024-10-10				CENTRAL COAST COUNCIL			
PDA				SURVEYORS, ENGINEERS & PLANNERS			
127 Bathurst Street Hobart, Tasmania, 7000 PHONE: +61 03 6234 3217 FAX: +61 03 6234 5085 EMAIL: pda.hbt@pda.com.au www.pda.com.au Also at: Kingston, Launceston & Burnie				CONTRACT NO. ---			
51259MW - C - 123 - E				SCALE 1:250 (A1)			
JOB NUMBER DISCIPLINE SHEET REVISION				REGISTRATION NUMBER: ---			

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 - NEW SHOULDER
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 - EXISTING TELSTRA COMMS SERVICE
 - EXISTING RIVERS, STREAMS, CREEKS
 - EXISTING ELECTRICAL
 - EXISTING FENCE
 - NEW FENCE
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PI 20	
CHAINAGE	2625.108
X	418879.241
Y	5445074.949
RADIUS	105
CURVE LENGTH	66
REDUCED SPEED	60 km/h
GUIDE POSTS OUTSIDE	11 (10 SPACING)
GUIDE POSTS INSIDE	5 (20 SPACING)

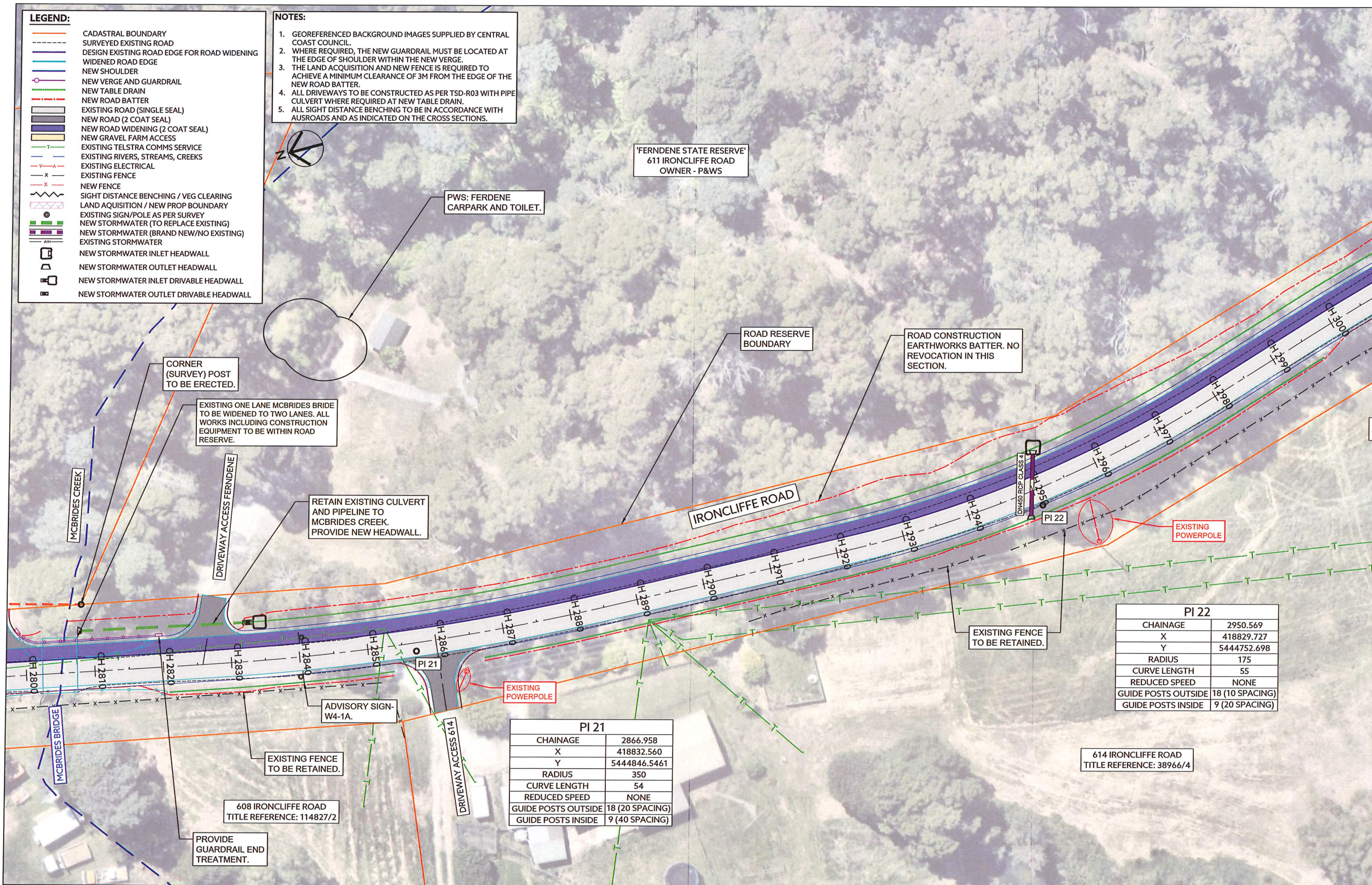
		---		---		---		DRAWING STATUS:		DESIGNED:		REVIEWED:		CLIENT:		 CENTRAL COAST COUNCIL		 PDA SURVEYORS, ENGINEERS & PLANNERS		127 Bathurst Street Hobart, Tasmania, 7000 PHONE: +61 03 6234 3217 FAX: +61 03 6234 5085 EMAIL: pda.hbt@pda.com.au www.pda.com.au Also at: Kingston, Launceston & Burnie		CONTRACT NO.		SCALE		PAPER					
E		AMENDED AS PER CCC MARKUPS FROM 17/03/2025 & 23/04/2025		GS		28/04/2025		GCL		J.C		M.W		PROJECT DESCRIPTION:								IRONCLIFFE ROAD UPGRADE-SECTION 2		---		1 : 250		(A1)			
D		CCC COMMENTS: 23/01/2025, 05/02/2025, 10/02/2025		GS		11/02/2025		M.W		DRAWN:		A.W		ADDRESS:								IRONCLIFFE ROAD, PENGUIN		JOB NUMBER		DISCIPLINE		SHEET		REVISION	
C		ISSUE FOR CONSTRUCTION		GS/UC		01/11/2024		MW		COORDINATE/ DATUM:				DRAWING TITLE:								LAYOUT PLAN - SECTION 2									
B		LAYOUTS AMENDED WITH COMMENTS FROM CCC - 12/10/2024-17/10/2024		GS		18/10/2024		MW		JOB MANAGER: MARK WESTERBERG												SHEET 14 OF 29									
REV		AMENDMENTS		DRAWN		DATE		APPR.		THIS SHEET MAY BE PRINTED USING CCLC/CLC/AND MAY BE INCOMPLETE IF COPIED		ISSUED DATE:		2024-10-10				REGISTRATION NUMBER: ---						51259MW - C - 125 - E							

LEGEND:

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NOTES:

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PI 21	
CHAINAGE	2866.958
X	418832.560
Y	5444846.5461
RADIUS	350
CURVE LENGTH	54
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	18 (20 SPACING)
GUIDE POSTS INSIDE	9 (40 SPACING)

PI 22	
CHAINAGE	2950.569
X	418829.727
Y	5444752.698
RADIUS	175
CURVE LENGTH	55
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	18 (10 SPACING)
GUIDE POSTS INSIDE	9 (20 SPACING)

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E AMENDED AS PER CCC MARKUPS FROM 17/03/2025 & 23/04/2025					GS 29/04/2025 GCL					CONSTRUCTION COORDINATE/ DATUM: GDA2020		DRAWN: J.C		REVIEWED: A.W		PROJECT DESCRIPTION: IRONCLIFFE ROAD UPGRADE-SECTION 2		ADDRESS: IRONCLIFFE ROAD, PENGUIN		DRAWING TITLE: LAYOUT PLAN - SECTION 2							JOB MANAGER: MARK WESTERBERG		ISSUED DATE: 2024-10-10		JOB NUMBER 51259MW - C - 126 - E		DISCIPLINE		SHEET		REVISION		
D CCC COMMENTS 23/01/2025, 05/02/2025, 10/02/2025					GS 11/02/2025 M.W							DRAWN: J.C		REVIEWED: A.W		PROJECT DESCRIPTION: IRONCLIFFE ROAD, PENGUIN		ADDRESS: IRONCLIFFE ROAD, PENGUIN		DRAWING TITLE: LAYOUT PLAN - SECTION 2							JOB MANAGER: MARK WESTERBERG		ISSUED DATE: 2024-10-10		JOB NUMBER 51259MW - C - 126 - E		DISCIPLINE		SHEET		REVISION		
C ISSUE FOR CONSTRUCTION					GS/JC 01/11/2024 MW							DRAWN: J.C		REVIEWED: A.W		PROJECT DESCRIPTION: IRONCLIFFE ROAD, PENGUIN		ADDRESS: IRONCLIFFE ROAD, PENGUIN		DRAWING TITLE: LAYOUT PLAN - SECTION 2							JOB MANAGER: MARK WESTERBERG		ISSUED DATE: 2024-10-10		JOB NUMBER 51259MW - C - 126 - E		DISCIPLINE		SHEET		REVISION		
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LEGEND:

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'FERNDENE STATE RESERVE'
611 IRONCLIFFE ROAD
OWNER - P&WS

PI 24

CHAINAGE	3151.382
X	418869.926
Y	5444553.115
RADIUS	125
CURVE LENGTH	102
REDUCED SPEED	60 km/h
GUIDE POSTS OUTSIDE	13 (10 SPACING)
GUIDE POSTS INSIDE	6 (20 SPACING)

LAND ACQUISITION
AREA 01 ≈ 946m²

PI 23

CHAINAGE	3030.022
X	418853.436
Y	5444676.499
RADIUS	400
CURVE LENGTH	60
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	13 (30 SPACING)
GUIDE POSTS INSIDE	7 (60 SPACING)

CLEARING REQUIRED
TO ROAD RESERVE
BOUNDARY.

ADVISORY SIGNS -
W1-5A(R)
W1-3A(R)
W8-24(55)

EXISTING FENCE TO BE RETAINED.
PINE TREES PLATED WITHIN ROAD
RESERVE TO BE REMOVED.

ADVISORY SIGNS -
W1-3A(L)
W8-24(55)

670 IRONCLIFFE ROAD
TITLE REFERENCE: 39502/1

614 IRONCLIFFE ROAD
TITLE REFERENCE: 38966/4

---					DRAWING STATUS:		DESIGNED: J.C		REVIEWED: M.W		CLIENT: CENTRAL COAST COUNCIL		 CENTRAL COAST COUNCIL SURVEYORS, ENGINEERS & PLANNERS		CONTRACT NO. ---		SCALE 1: 250		PAPER (A1)			
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REV AMENDMENTS					DRAWN DATE APPR.		THIS SHEET MAY BE PRINTED USING CCLCLUR AND MAY BE INCOMPLETE IF COPIED				ISSUED DATE: 2024-10-10											

LEGEND:

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VISIBILITY BENCHING:

DESIGN SPEED - 60km/hr
CURVE RADIUS - 70m
AS PER AGRD03 - TABLE 5.5 AND FIGURE 5.4:
SIGHT DISTANCE REQUIRED - 60m
LATERAL OFFSET TO OBSTRUCTION FROM CENTRE OF LHS LANE - 8.0m

PI 26

CHAINAGE	3395.403
X	418794.247
Y	5444335.213
RADIUS	180
CURVE LENGTH	46
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	18 (10 SPACING)
GUIDE POSTS INSIDE	9 (20 SPACING)

ADVISORY SIGNS -
W1-3A(L)
W8-24(55)

'FERNDENE STATE RESERVE'
611 IRONCLIFFE ROAD
OWNER - P&WS

LAND ACQUISITION
AREA 01 = 946m²

IRONCLIFFE ROAD

RELOCATE
EXISTING
FENCE WITHIN
ROAD
RESERVE.

EXISTING FENCE
TO RETAINED.

EXISTING FENCE TO
RETAINED. PINE TREES
PLANTED WITHIN ROAD
RESERVE TO BE
REMOVED.

EXISTING
POWERPOLE

PI 25	
CHAINAGE	3287.624
X	418780.782
Y	5444443.937
RADIUS	70
CURVE LENGTH	57
REDUCED SPEED	60 km/h
GUIDE POSTS OUTSIDE	12 (6 SPACING)
GUIDE POSTS INSIDE	6 (12 SPACING)

670 IRONCLIFFE ROAD
TITLE REFERENCE: 39502/1

REV	AMENDMENTS	DRAWN	DATE	APPR	DRAWING STATUS:	DESIGNED:	REVIEWED:	CLIENT:	PROJECT DESCRIPTION:	ADDRESS:	DRAWING TITLE:	ISSUED DATE:	CONTRACT NO.	SCALE	PAPER
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D	CCC COMMENTS-23/01/2025,05/02/2025,10/02/2025	GS	11/02/2025	M.W	COORDINATE/ DATUM:	J.C	A.W								
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FAX: +61 03 6234 5085
EMAIL: pda.hbt@pda.com.au
www.pda.com.au
Also at: Kingston
Launceston & Burnie

CONTRACT NO.	---	SCALE	PAPER
JOB NUMBER	---	DISCIPLINE	SHEET
51259MW	- C -	128	E

LEGEND:

- CADASTRAL BOUNDARY
- - - SURVEYED EXISTING ROAD
- DESIGN EXISTING ROAD EDGE FOR ROAD WIDENING
- WIDENED ROAD EDGE
- NEW SHOULDER
- NEW VERGE AND GUARDRAIL
- NEW TABLE DRAIN
- NEW ROAD BATTER
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- SIGHT DISTANCE BENCHING / VEG CLEARING
- LAND ACQUISITION / NEW PROP BOUNDARY
- EXISTING SIGN/POLE AS PER SURVEY
- NEW STORMWATER (TO REPLACE EXISTING)
- NEW STORMWATER (BRAND NEW/NO EXISTING)
- EXISTING STORMWATER
- NEW STORMWATER INLET HEADWALL
- NEW STORMWATER OUTLET HEADWALL
- NEW STORMWATER INLET DRIVABLE HEADWALL
- NEW STORMWATER OUTLET DRIVABLE HEADWALL

NOTES:

1. GEOREFERENCED BACKGROUND IMAGES SUPPLIED BY CENTRAL COAST COUNCIL.
2. WHERE REQUIRED, THE NEW GUARDRAIL MUST BE LOCATED AT THE EDGE OF SHOULDER WITHIN THE NEW VERGE.
3. THE LAND ACQUISITION AND NEW FENCE IS REQUIRED TO ACHIEVE A MINIMUM CLEARANCE OF 3M FROM THE EDGE OF THE NEW ROAD BATTER.
4. ALL DRIVEWAYS TO BE CONSTRUCTED AS PER TSD-R03 WITH PIPE CULVERT WHERE REQUIRED AT NEW TABLE DRAIN.
5. ALL SIGHT DISTANCE BENCHING TO BE IN ACCORDANCE WITH AUSROADS AND AS INDICATED ON THE CROSS SECTIONS.



PI 28	
CHAINAGE	3581.067
X	418797.763
Y	5444150.847
RADIUS	250
CURVE LENGTH	30
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	17 (15 SPACING)
GUIDE POSTS INSIDE	8 (30 SPACING)

'FERNDENE STATE RESERVE'
611 IRONCLIFFE ROAD
OWNER - P&WS

LAND ACQUISITION
AREA PROPERTY
#669 ≈ 665m².

LAND ACQUISITION
AREA 02 ≈ 34m².

EXISTING
PRIVATE POWER
POLE TO BE
RELOCATED.

699 IRONCLIFFE ROAD
TITLE REFERENCE: 25855/1

TELSTRA 200mm
PVC PILLAR TO BE
RELOCATED.

EXISTING
POWERPOLE

EXISTING FENCE
TO RETAINED
(INSIDE ROAD
RESERVE).

EXISTING FENCE TO
RETAINED (INSIDE
ROAD RESERVE).

EXISTING
POWERPOLE

RELOCATE FENCE
WITHIN ROAD
RESERVE.

EXISTING
POWERPOLE

PI 27	
CHAINAGE	3476.148
X	418783.370
Y	5444254.928
RADIUS	175
CURVE LENGTH	48
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	18 (10 SPACING)
GUIDE POSTS INSIDE	8 (20 SPACING)

670 IRONCLIFFE ROAD
TITLE REFERENCE: 39502/1

688 IRONCLIFFE ROAD
TITLE REFERENCE: 41137/1

REV	AMENDMENTS	DRAWN	DATE	APPR.	DRAWING STATUS:	DESIGNED:	REVIEWED:	CLIENT:	PROJECT DESCRIPTION:	ADDRESS:	DRAWING TITLE:	ISSUED DATE:	CONTRACT NO.	SCALE	PAPER
E	AMENDED AS PER CCC MARKUPS FROM 17/03/2025 & 23/04/2025	GS	29/04/2025	GCL	CONSTRUCTION	J.C	M.W	CENTRAL COAST COUNCIL	IRONCLIFFE ROAD UPGRADE-SECTION 2	IRONCLIFFE ROAD, PENGUIN	LAYOUT PLAN - SECTION 2	2024-10-10	---	1 : 250	(A1)
D	CCC COMMENTS 23/01/2025, 05/02/2025, 10/02/2025	GS	11/02/2025	M.W	COORDINATE/ DATUM:	J.C	A.W								
C	ISSUE FOR CONSTRUCTION	GS/JC	01/11/2024	MW	GDA2020										
B	LAYOUTS AMENDED WITH COMMENTS FROM CCC - 12/10/2024-17/10/2024	GS	18/10/2024	MW											
REV	AMENDMENTS	DRAWN	DATE	APPR.	THIS SHEET MAY BE PRINTED USING COLOUR AND MAY BE INCOMPLETE IF COPIED										



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