

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.



PI 32

CHAINAGE	3831.715
X	418784.988
Y	5443902.774
RADIUS	100
CURVE LENGTH	50
REDUCED SPEED	60 km/h
GUIDE POSTS OUTSIDE	17 (6 SPACING)
GUIDE POSTS INSIDE	8 (12 SPACING)

PI 33

CHAINAGE	3909.759
X	418728.018
Y	5443847.095
RADIUS	80
CURVE LENGTH	60
REDUCED SPEED	60 km/h
GUIDE POSTS OUTSIDE	13 (6 SPACING)
GUIDE POSTS INSIDE	7 (12 SPACING)

PI 34

CHAINAGE	3973.748
X	418719.9384
Y	5443782.5318
RADIUS	700
CURVE LENGTH	56
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	18 (40 SPACING)
GUIDE POSTS INSIDE	12 (60 SPACING)

ADVISORY SIGN -
W1-5A(R)
W8-2A(45).

LAND
ACQUISITION
AREA ≈ 255m².

VISIBILITY BENCHING:
DESIGN SPEED - 70km/hr
CURVE RADIUS - 100m
AS PER AGRD03 - TABLE 5.5 AND
FIGURE 5.4:
SIGHT DISTANCE REQUIRED - 90m
LATERAL OFFSET TO OBSTRUCTION
FROM CENTRE OF RHS LANE - 9.0m

730 IRONCLIFFE ROAD
TITLE REFERENCE: 41137/4

EXISTING FENCE
RETAINED ACROSS
FRONTAGE OF
BOUNDARY.

ADVISORY SIGN -
W1-3A(L)

POLE (6.7m FROM CL)
TO BE RELOCATED

REGRADE DRIVEWAY
ASPHALT (LIKE FOR LIKE).

IRONCLIFFE ROAD

DRIVEWAY ACCESS 730

POLE WITH TRANSFORMER
(6.3m FROM CL) TO BE
RELOCATED

ADVISORY SIGN -
W1-5A(R)
W8-2A(55).

NEW FENCE ON
PROPERTY BOUNDARY.

732 IRONCLIFFE ROAD
TITLE REFERENCE: 106369/1

730A IRONCLIFFE ROAD
TITLE REFERENCE: 106369/6

DRAWING STATUS:

CONSTRUCTION

COORDINATE DATUM:

GDA2020

THIS SHEET MAY BE PRINTED USING CCLC A1 AND MAY BE INCOMPLETE IF CCLC

DESIGNED:

J.C

DRAWN:

J.C

JOB MANAGER: MARK WESTERBERG

ISSUED DATE: 2024-10-10

REVIEWED:

M.W

REVIEWED:

A.W

CLIENT:

CENTRAL COAST COUNCIL
IRONCLIFFE ROAD UPGRADE-SECTION 2
IRONCLIFFE ROAD, PENGUIN
LAYOUT PLAN - SECTION 2
SHEET 20 OF 29



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.

JOB NUMBER

51259MW

- C - 131 - E

SCALE

1 : 250

DISCIPLINE

(A1)

SHEET

REVISION

PAPER

(A1)

SHEET

REVISION

51259MW - C - 131 - 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
	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.



788 IRONCLIFFE ROAD
TITLE REFERENCE: 49165/4

PI 37	
CHAINAGE	4189.53
X	418691.839
Y	5443572.998
RADIUS	150
CURVE LENGTH	14
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	15 (10 SPACING)
GUIDE POSTS INSIDE	8 (20 SPACING)

ADVISORY SIGN -
W1-3A(R)
W8-2A(45).

PI 35	
CHAINAGE	4059.917
X	418716.439
Y	5443696.011
RADIUS	90
CURVE LENGTH	42
REDUCED SPEED	50 km/h
GUIDE POSTS OUTSIDE	15 (6 SPACING)
GUIDE POSTS INSIDE	8 (12 SPACING)

PI 36	
CHAINAGE	4119.222
X	418686.292
Y	5443643.714
RADIUS	65
CURVE LENGTH	40
REDUCED SPEED	50 km/h
GUIDE POSTS OUTSIDE	11 (6 SPACING)
GUIDE POSTS INSIDE	6 (12 SPACING)

IRONCLIFFE ROAD

LANDSLIP AREA

ADVISORY SIGN -
W1-5A(R)
W8-2A(45).

LAND ACQUISITION AREA TBA
AFTER FENCE ERECTED. NEW
FENCE ON LAND ACQUISITION
BOUNDARY.

788 IRONCLIFFE ROAD
TITLE REFERENCE: 49165/4

VISIBILITY BENCHING:
DESIGN SPEED - 70km/hr
CURVE RADIUS - 90m
AS PER AGRD03 - TABLE 5.5 AND
FIGURE 5.4:
SIGHT DISTANCE REQUIRED - 60m
LATERAL OFFSET TO OBSTRUCTION
FROM CENTRE OF RHS LANE - 5.0m

SCOUR PROTECTION IN
SAND SECTION FROM
CH4070 TO CH4090. NO
FINES' CONCRETE 70mm
MIN DEPTH 10mm
AGGREGATE.

				DRAWING STATUS:		DESIGNED:		REVIEWED:		CLIENT:		CENTRAL COAST COUNCIL		PDA SURVEYORS, ENGINEERS & PLANNERS		CONTRACT NO. ---		SCALE 1 : 250		PAPER (A1)	
E	AMENDED AS PER CCC MARKUPS FROM 17/03/2025 & 23/04/2025	GS	28/04/2025	GCL	CONSTRUCTION COORDINATE / DATUM: GDA2020	J.C	M.W			PROJECT DESCRIPTION:		CENTRAL COAST COUNCIL									
D	CCC COMMENTS-23/01/2025,05/02/2025,10/02/2025	GS	11/02/2025	M.W		J.C	A.W			ADDRESS:		IRONCLIFFE ROAD UPGRADE-SECTION 2		IRONCLIFFE ROAD, PENGUIN							
C	ISSUE FOR CONSTRUCTION	GS/JC	01/11/2024	MW		JOB MANAGER: MARK WESTERBERG					DRAWING TITLE:		LAYOUT PLAN - SECTION 2								
B	LAYOUTS AMENDED WITH COMMENTS FROM CCC - 12/10/2024-17/10/2024	GS	18/10/2024	MW	ISSUED DATE: 2024-10-10							SHEET 21 OF 29									
REV	AMENDMENTS	DRAWN	DATE	APPR	THIS SHEET MAY BE PRINTED USING CCLC/RA/ND MAY BE INCOMPLETE IF COPIED																

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.



788 IRONCLIFFE ROAD
TITLE REFERENCE: 49165/4

EXISTING FENCE
TO BE RETAINED
(WITHIN ROAD
RESERVE).

ADVISORY SIGN -
W1-3A(L).

ADVISORY SIGN -
W1-5A(R)
W8-2A(45).

ADVISORY SIGN -
W1-3A(R).

NEW 150mm CRUSHED
ROCK FARM ACCESS
(SEALED UPTO ROAD
SHOULDER). REFER
SHEET C-115 FOR
TYPICAL DETAILS.

PROVIDE GUARDRAIL
END TREATMENTS.

ADVISORY SIGN -
W1-3A(L)
W8-2A(45).

LAND ACQUISITION AREA
TBA AFTER FENCE
ERECTED. NEW FENCE
ON LAND ACQUISITION
BOUNDARY.

788 IRONCLIFFE ROAD
TITLE REFERENCE: 49165/4

VISIBILITY BENCHING:
DESIGN SPEED - 60km/hr
CURVE RADIUS - 65m
AS PER AGRD03 - TABLE 5.5 AND
FIGURE 5.4:
SIGHT DISTANCE REQUIRED - 60m
LATERAL OFFSET TO OBSTRUCTION
FROM CENTRE OF RHS LANE - 7.0m

PI 39	
CHAINAGE	4374.069
X	418606.172
Y	5443419.230
RADIUS	130
CURVE LENGTH	58
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	13 (10 SPACING)
GUIDE POSTS INSIDE	7 (20 SPACING)

PI 38	
CHAINAGE	4252.428
X	418690.762
Y	5443508.946
RADIUS	65
CURVE LENGTH	48
REDUCED SPEED	50 km/h
GUIDE POSTS OUTSIDE	11 (6 SPACING)
GUIDE POSTS INSIDE	5 (12 SPACING)

REV	DESCRIPTION	DRAWN	DATE	APPR	THIS SHEET MAY BE PRINTED USING COUNCIL LOGO AND MAY BE INCOMPLETE IF COPIED
E	AMENDED AS PER CCC MARKUPS FROM 17/03/2025 & 23/04/2025	GS	29/04/2025	GCL	
D	CCC COMMENTS-23/01/2025,05/02/2025,10/02/2025	GS	11/02/2025	MW	
C	ISSUE FOR CONSTRUCTION	GS/JC	01/11/2024	MW	
B	LAYOUTS AMENDED WITH COMMENTS FROM CCC - 12/10/2024-17/10/2024	GS	18/10/2024	MW	
REV	AMENDMENTS				

DESIGNED:	J.C	REVIEWED:	M.W
DRAWN:	J.C	REVIEWED:	A.W
JCB MANAGER:	MARK WESTERBERG		
ISSUED DATE:	2024-10-10		

CLIENT:	CENTRAL COAST COUNCIL
PROJECT DESCRIPTION:	IRONCLIFFE ROAD UPGRADE-SECTION 2
ADDRESS:	IRONCLIFFE ROAD, PENGUIN
DRAWING TITLE:	LAYOUT PLAN - SECTION 2
	SHEET 22 OF 29



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
		1 : 250	(A1)
JOB NUMBER	DISCIPLINE	SHEET	REVISION
51259MW	- C -	133 - 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
- 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.

PI 41	
CHAINAGE	4525
X	418528.701
Y	5443292.447
RADIUS	80
CURVE LENGTH	60
REDUCED SPEED	50 km/h
GUIDE POSTS OUTSIDE	13 (6 SPACING)
GUIDE POSTS INSIDE	7 (12 SPACING)

PI 40	
CHAINAGE	4454.164
X	418581.647
Y	5443341.858
RADIUS	100
CURVE LENGTH	51
REDUCED SPEED	50 km/h
GUIDE POSTS OUTSIDE	17 (6 SPACING)
GUIDE POSTS INSIDE	8 (12 SPACING)

788 IRONCLIFFE ROAD
TITLE REFERENCE: 49165/4

815 IRONCLIFFE ROAD
TITLE REFERENCE: 27791/1

EXISTING LV ELECTRICAL
CABLE AND DN25 WATER
SUPPLY LINE TO BE PLACED
IN DN125 UNDERGROUND
CONDUIT FROM FENCE TO
FENCE. EXISTING CULVERT
TO BE RETAINED AND
CONCRETE CORE FILLED.

EXISTING FENCE TO
BE RETAINED
(WITHIN ROAD
RESERVE).

NEW 150mm CRUSHED
ROCK FARM ACCESS
(SEALED UPTO ROAD
SHOULDER). REFER SHEET
C-115 FOR TYPICAL
DETAILS.

NEW FENCE 3.0m
CLEAR OF BATTER
(WITHIN ROAD
RESERVE).

POLE - 3.2m FROM
CL

EXISTING FENCE TO
BE RETAINED.

ADVISORY SIGN -
W1-5A(R)
W8-2A(45).

2x NEW 150mm CRUSHED
ROCK FARM ACCESS (SEALED
UPTO ROAD SHOULDER).
REFER SHEET C-115 FOR
TYPICAL DETAILS.

600x600 GRATED INLET
PIT.

788 IRONCLIFFE ROAD
TITLE REFERENCE: 49165/4

EXISTING CONCRETE DRIVEWAY
TO BE RETAINED. PROVIDE
SEALED SHOULDER AND SAW-CUT
CONCRETE DRIVEWAY STRIPS TO
SUIT.

VISIBILITY BENCHING:
DESIGN SPEED - 70km/hr
CURVE RADIUS - 100m
AS PER AGRD03 - TABLE 5.5 AND FIGURE 5.4:
SIGHT DISTANCE REQUIRED - 90m
LATERAL OFFSET TO OBSTRUCTION FROM CENTRE
OF RHS LANE - 7.0m

				DRAWING STATUS:		DESIGNED:		REVIEWED:		CLIENT:						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 29/04/2025 GCL		J.C		M.W		PROJECT DESCRIPTION:								CENTRAL COAST COUNCIL		---		1: 250		(A1)	
D CCC COMMENTS: 23/01/2025, 05/02/2025, 10/02/2025				G.S 11/02/2025 M.W		DRAWN:		REVIEWED:		ADDRESS:						SURVEYORS, ENGINEERS & PLANNERS		JOB NUMBER		DISCIPLINE		SHEET		REVISION	
C ISSUE FOR CONSTRUCTION				GS/JC 01/11/2024 MW		J.C		A.W		DRAWING TITLE:								IRONCLIFFE ROAD UPGRADE-SECTION 2		IRONCLIFFE ROAD, PENGUIN		---			
B LAYOUTS AMENDED WITH COMMENTS FROM CCC - 12/10/2024-17/10/2024				GS 18/10/2024 MW		JOB MANAGER: MARK WESTERBERG																			
REV AMENDMENTS				DRAWN DATE APRIL		ISSUED DATE: 2024-10-10		THIS SHEET MAY BE PRINTED USING CCLC/CLC AND MAY BE INCOMPLETE IF COPIED																	
										</															

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.



815 IRONCLIFFE ROAD
TITLE REFERENCE: 27791/1

NEW 150mm CRUSHED ROCK
FARM ACCESS (SEALED UPTO
ROAD SHOULDER). REFER SHEET
C-115 FOR TYPICAL DETAILS.

NEW 150mm CRUSHED ROCK FARM
ACCESS (SEALED UPTO ROAD
SHOULDER). REFER SHEET C-108
FOR TYPICAL DETAILS.

NEW FENCE 3.0m CLEAR OF
BATTER (WITHIN ROAD
RESERVE).

FRONT FENCE OF THE
RESIDENCE TO REMAIN.

DRIVEWAY ACCESS 815

DRIVEWAY ACCESS 815

POLE - 5.9m FROM CL

IRONCLIFFE ROAD

2xNEW 150mm CRUSHED ROCK
FARM ACCESS (SEALED UPTO
ROAD SHOULDER). REFER
SHEET C-115 FOR TYPICAL
DETAILS.

EXISTING FENCE TO
BE RETAINED.

PROVIDE KERB AND CHANNEL
FROM CH4727-CH4828 IN FRONT
OF #815 IRONCLIFFE ROAD WITH
TWO CONCRETE DRIVEWAY
CROSSOVERS.

PI 42	
CHAINAGE	4718.503
X	418495.709
Y	5443100.722
RADIUS	1000
CURVE LENGTH	10
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	17 (60 SPACING)
GUIDE POSTS INSIDE	17 (60 SPACING)

788 IRONCLIFFE ROAD
TITLE REFERENCE: 49165/4

					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)	
E AMENDED AS PER CCC MARKUPS FROM 17/03/2025 & 23/04/2025					GS 28/04/2025 GCL		DRAWN: J.C		REVIEWED: A.W		PROJECT DESCRIPTION: IRONCLIFFE ROAD UPGRADE-SECTION 2				ADDRESS: IRONCLIFFE ROAD, PENGUIN		JOB NUMBER		DISCIPLINE		SHEET		REVISION	
D CCC COMMENTS-23/01/2025,05/02/2025,10/02/2025					G.S 11/02/2025 MW		COORDINATE/ DATUM: GDA2020				LAYOUT PLAN - SECTION 2						51259MW		- C -		135 - E			
C ISSUE FOR CONSTRUCTION					GS/JC 01/11/2024 MW						SHEET 24 OF 29													
B LAYOUTS AMENDED WITH COMMENTS FROM CCC - 12/10/2024-17/10/2024					GS 18/10/2024 MW				JCB MANAGER: MARK WESTERBERG															
REV AMENDMENTS					DRAWN DATE APPR		THIS SHEET MAY BE PRINTED USING CCLCOUR AND MAY BE INCOMPLETE IF COPIED		ISSUED DATE: 2024-10-10															

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.



815 IRONCLIFFE ROAD
TITLE REFERENCE: 27791/1

PI 43	
CHAINAGE	4926.274
X	418462.298
Y	5442895.655
RADIUS	2500
CURVE LENGTH	42
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	17 (150 SPACING)
GUIDE POSTS INSIDE	17 (150 SPACING)

2xNEW 150mm CRUSHED
ROCK FARM ACCESS (SEALED
UPTO ROAD SHOULDER).
REFER SHEET C-115 FOR
TYPICAL DETAILS..

2xNEW 150mm CRUSHED
ROCK FARM ACCESS
(SEALED UPTO ROAD
SHOULDER). REFER
SHEET C-115 FOR TYPICAL
DETAILS.

NEW FENCE 3.0m CLEAR
OF BATTER (WITHIN ROAD
RESERVE).

POLE - 3.2m FROM CL

EXISTING
POWERPOLE TO
BE RETAINED

IRONCLIFFE ROAD

NEW FENCE ON ROAD
RESERVE BOUNDARY.

EXISTING FENCE
TO BE RELOCATED
TO ROAD RESERVE
BOUNDARY.

DRIVEWAY ACCESS 836

DRIVEWAY ACCESS 836

836 IRONCLIFFE ROAD
TITLE REFERENCE: 49165/1

788 IRONCLIFFE ROAD
TITLE REFERENCE: 49165/4

REV	AMENDMENTS	DRAWN	DATE	APPR	DRAWING STATUS:
E	AMENDED AS PER CCC MARKUPS FROM 17/03/2025 & 23/04/2025	GS	29/04/2025	GCL	CONSTRUCTION
D	CCC COMMENTS-23/01/2025,05/02/2025,10/02/2025	GS	11/02/2025	M.W	
C	ISSUE FOR CONSTRUCTION	GS/JC	01/11/2024	MW	
B	LAYOUTS AMENDED WITH COMMENTS FROM CCC - 12/10/2024-17/10/2024	GS	18/10/2024	MW	GDA2020
REV	AMENDMENTS	DRAWN	DATE	APPR	

DESIGNED:	J.C	REVIEWED:	M.W
DRAWN:	J.C	REVIEWED:	A.W
JOB MANAGER:	MARK WESTERBERG		
ISSUED DATE:	2024-10-10		

CLIENT:	CENTRAL COAST COUNCIL
PROJECT DESCRIPTION:	IRONCLIFFE ROAD UPGRADE-SECTION 2
ADDRESS:	IRONCLIFFE ROAD, PENGUIN
DRAWING TITLE:	LAYOUT PLAN - SECTION 2
SHEET	25 OF 29



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
---	1 : 250		(A1)
JOB NUMBER	DISCIPLINE	SHEET	REVISION
51259MW	- C -	136 - 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
 - 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.



851 IRONCLIFFE ROAD
TITLE REFERENCE: 13622/1

TREES TO BE
CLEARED.

851 IRONCLIFFE ROAD
TITLE REFERENCE: 13622/1

NEW FENCE WITHIN
ROAD RESERVE.
TREES TO BE
CLEARED.

BARN REMOVED
BY OWNER.

LAND ACQUISITION TO
FENCE LINE. FENCE
AND VEGETATION
REMAIN. ACQUISITION
AREA ≈ 85m²

NEW FENCE WITHIN
ROAD RESERVE.

IRONCLIFFE ROAD

EXISTING FENCE TO BE
RETAINED (WITHIN
ROAD RESERVE).

860 IRONCLIFFE ROAD
TITLE REFERENCE: 36003/1

PI 46	
CHAINAGE	5272.702
X	418333.229
Y	5442582.482
RADIUS	500
CURVE LENGTH	25
REDUCED SPEED	NONE
GUIDE POSTS OUTSIDE	17 (30 SPACING)
GUIDE POSTS INSIDE	8 (60 SPACING)

ADVISORY SIGN -
W1-3A(R).

CONSTRUCT VEE CHANNEL
(TYPE DD, 300mm WIDE)
ALONG FRONTAGE OF
SCHEERMEIJER RESIDENCE.
(LENGTH 35m APPROX.)

858 IRONCLIFFE ROAD
TITLE REFERENCE: 28801/1

886 IRONCLIFFE ROAD
TITLE REFERENCE: 36003/4

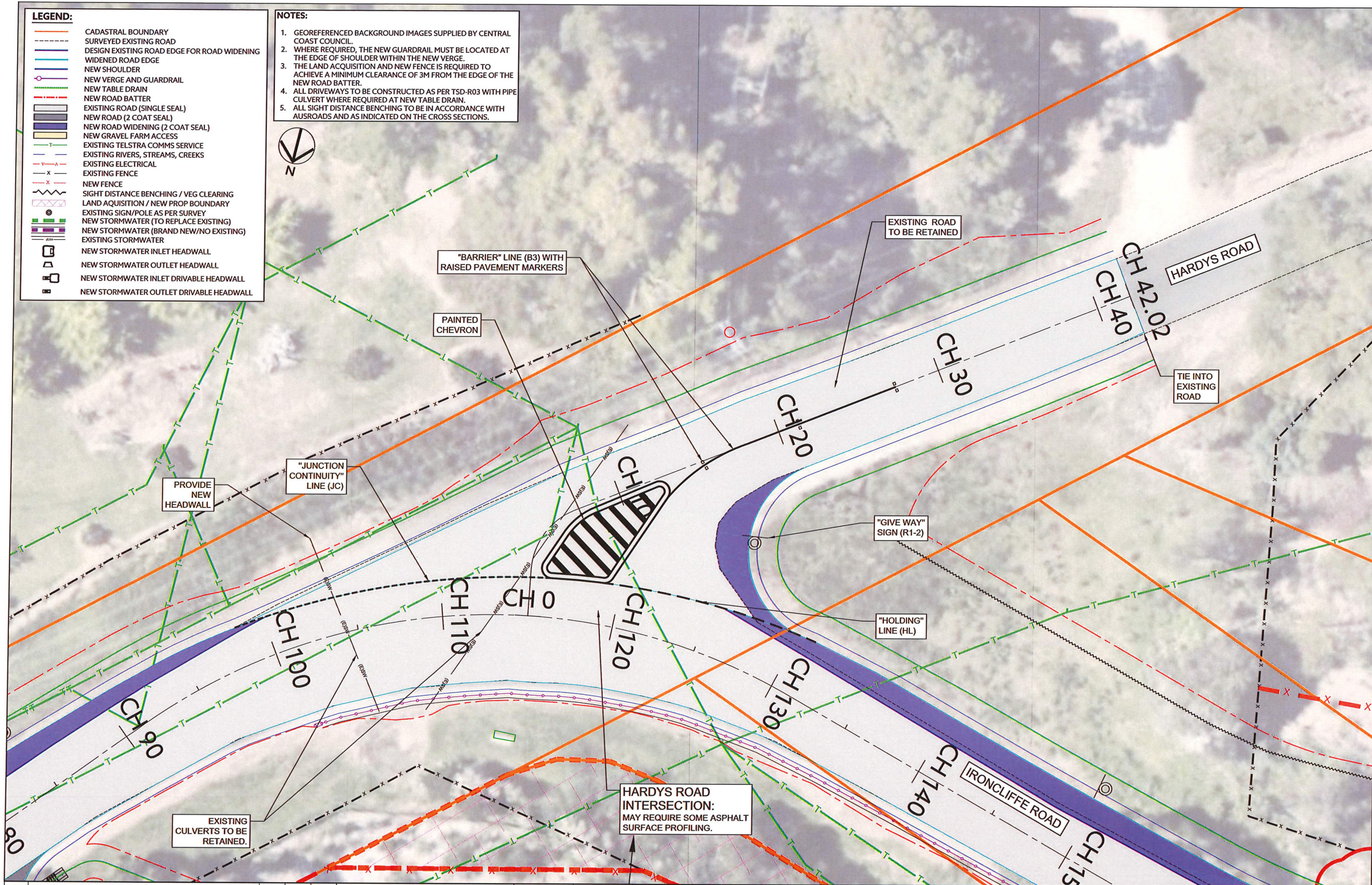
DRAWING STATUS:				DESIGNED:	REVIEWED:	CLIENT:	CENTRAL COAST COUNCIL
CONSTRUCTION				J.C.	M.W.	PROJECT DESCRIPTION:	IRONCLIFFE ROAD UPGRADE-SECTION 2
COORDINATE/ DATUM:				DRAWN:	REVIEWED:	ADDRESS:	IRONCLIFFE ROAD, PENGUIN
GDA2020				J.C.	A.W.	DRAWING TITLE:	LAYOUT PLAN - SECTION 2
THIS SHEET MAY BE PRINTED USING CCL OR A10 MAY BE INCOMPLETE IF CCL				JOB MANAGER: MARK WESTERBERG		SHEET 27 OF 29	
ISSUED DATE: 2024-10-10				REGISTRATION NUMBER: ---		51259MW - C - 138 - E	
CONTRACT NO. ---				SCALE 1:250		PAPER (A1)	
JOB NUMBER				DISCIPLINE		SHEET	
REVISION				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		PDA SURVEYORS, ENGINEERS & PLANNERS	

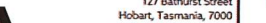
LEGEND:

- 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.

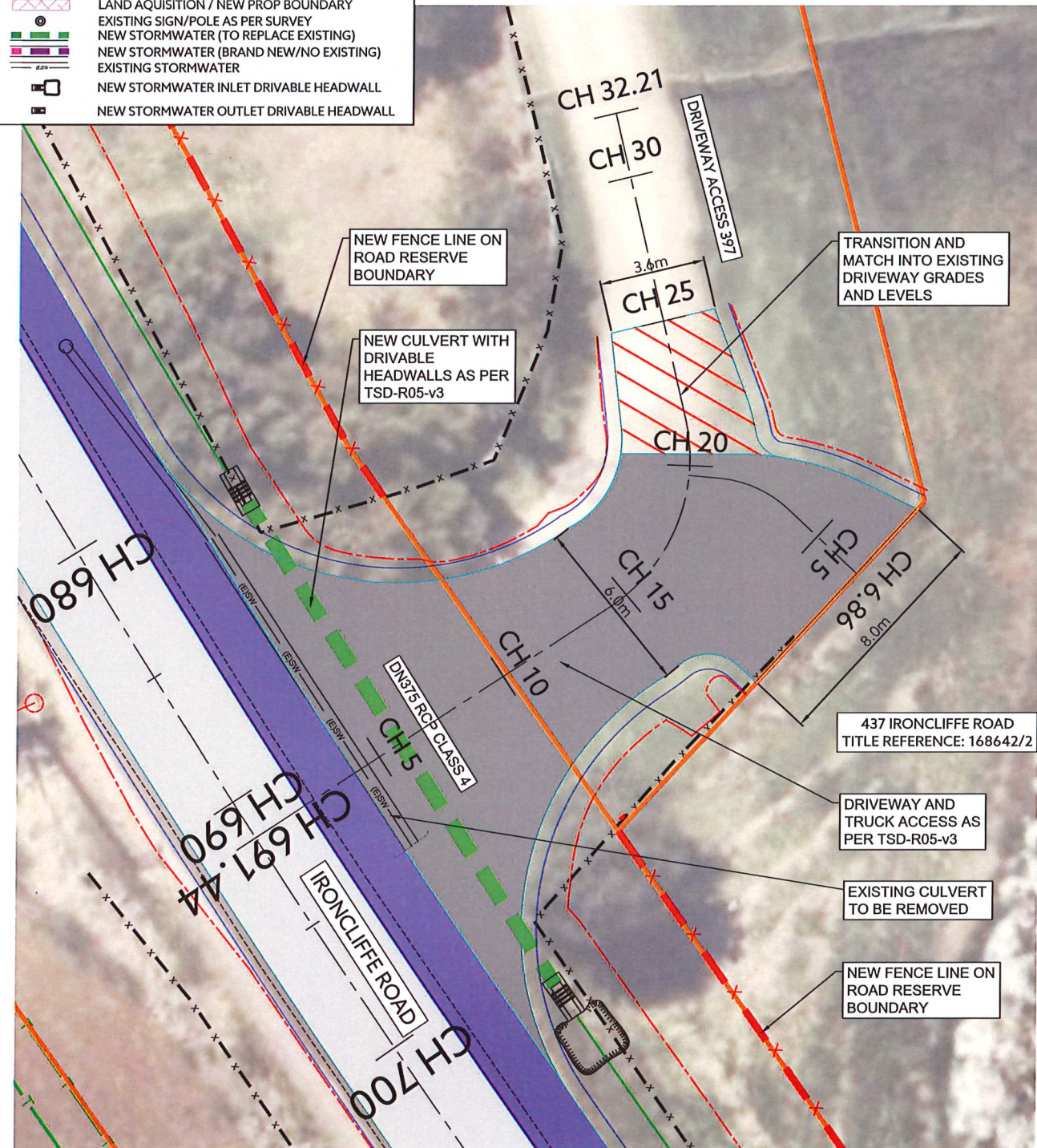


---					---		---		DRAWING STATUS:		DESIGNED:		REVIEWED:		CLIENT:		CENTRAL COAST COUNCIL		 127 Bathurst Street Hobart, Tasmania, 7000 PHONE: +61 03 6234 3217 FAX: +61 03 6234 5085 EMAIL: pda.hbt@pda.com.au www.pda.com.au Also at: Kingston, Launceston & Burnie  SURVEYORS, ENGINEERS & PLANNERS		CONTRACT NO.		SCALE		PAPER							
E AMENDED AS PER CCC MARKUPS FROM 17/03/2025 & 23/04/2025					GS		29/04/2025		GCL		J.C		M.W		PROJECT DESCRIPTION:		IRONCLIFFE ROAD UPGRADE-SECTION 2				---		---		1:100		(A1)					
D CCC COMMENTS-23/01/2025,05/02/2025,10/02/2025					GS		11/02/2025		M.W		DRAWN:		REVIEWED:		ADDRESS:		IRONCLIFFE ROAD, PENGUIN				---		---		JOB NUMBER		DISCIPLINE		SHEET		REVISION	
C ISSUE FOR CONSTRUCTION					GS/JC		01/11/2024		MY		COORDINATE/ DATUM:		A.W		DRAWING TITLE:		HARDYS ROAD INTERSECTION DETAILS				---		---		---		---		---			
B LAYOUTS AMENDED WITH COMMENTS FROM CCC - 12/10/2024-17/10/2024					GS		18/10/2024		MW		JOB MANAGER: MARK WESTERBERG		---		---		---				---		---		---		---		---			
REV AMENDMENTS					DRAWN		DATE		APPR		THIS SHEET MAY BE PRINTED USING CLOUTER AND MAY BE INCOMPLETE IF COPIED		ISSUED DATE:		2024-10-10		---		---		---		51259MW		- C -		141 - E					

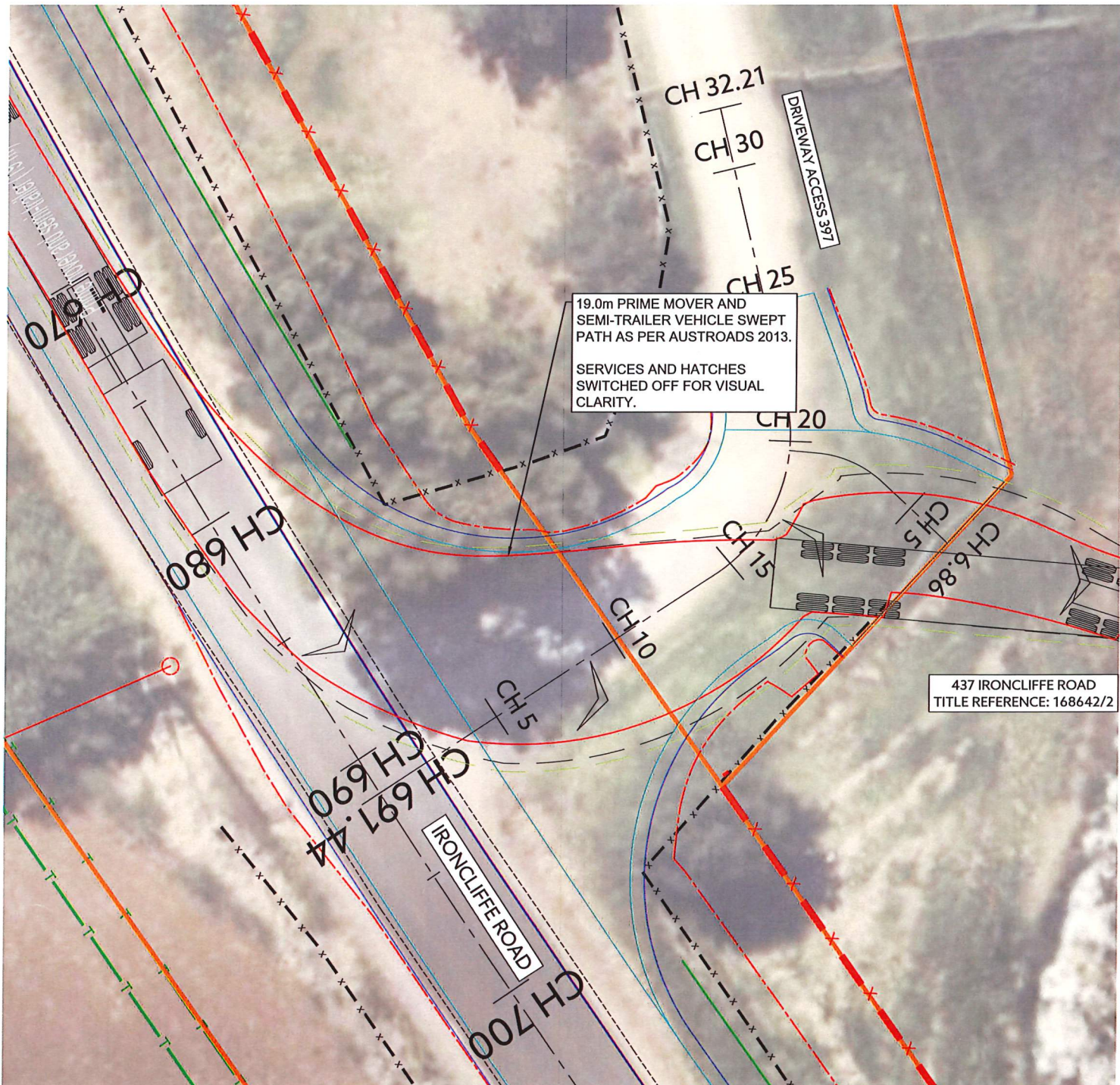
- LEGEND:**
- CADASTRAL BOUNDARY
 - SURVEYED EXISTING ROAD
 - DESIGN EXISTING ROAD EDGE FOR ROAD WIDENING
 - WIDENED ROAD EDGE
 - NEW SHOULDER
 - NEW VERGE AND GUARDRAIL
 - NEW TABLE DRAIN
 - NEW ROAD BATTER
 - EXISTING ROAD (SINGLE SEAL)
 - NEW ROAD (2 COAT SEAL)
 - NEW ROAD WIDENING (2 COAT SEAL)
 - 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 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.

DRIVEWAY DETAIL PLAN
SCALE: 1:100 (A1)



VEHICLE SWEEP PATH DETAIL PLAN
SCALE: 1:100 (A1)



REV	AMENDMENTS	DRAWN	DATE	APPR.	DRAWING STATUS:	DESIGNED:	REVIEWED:	CLIENT:	PROJECT DESCRIPTION:	ADDRESS:	DRAWING TITLE:	CONTRACT NO.	SCALE	PAPER
E	AMENDED AS PER CCC MARKUPS FROM 17/03/2025	GS	11/04/2025	GCL	CONSTRUCTION	J.C	M.W	CENTRAL COAST COUNCIL	IRONCLIFF ROAD UPGRADE-SECTION 2	IRONCLIFF ROAD, PENGUIN	DETAIL PLAN	---	1:100	(A1)
D	CCC COMMENTS - 23/01/2025, 05/02/2025, 10/02/2025	GS	11/02/2025	MW	COORDINATE/ DATUM:	J.C	A.W							
B	FOR CONSTRUCTION	GS	09/12/2024	MW	GDA2020									
A	DRIVEWAY DESIGN, EXTENT AMENDED AS PER CCC COMMENTS - 03/12/2024	GS	09/12/2024	MW										
REV	AMENDMENTS	DRAWN	DATE	APPR.	THIS SHEET MAY BE PRINTED USING COUNCIL AND MAY BE INCOMPLETE IF COPIED	JOB MANAGER: MARK WESTERBERG	ISSUED DATE: 2024-12-03							

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

PDA
SURVEYORS, ENGINEERS & PLANNERS

REGISTRATION NUMBER: ---

51259MW - C - 151	E
-------------------	---

