

SECTIONS- 1-2

DRAWING LIST	
DRAWING NO.	DRAWING TITLE
000	COVER PAGE
001	GENERAL NOTES
002	LINEMARKING AND SIGNAGE DETAIL PLAN
100	LOCALITY PLAN
101-107	LAYOUT PLANS - SECTION 1
108	MONTGOMERY ROAD DETAIL PLAN
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151,161,171	#397 IRONCLIFFE ROAD - DRIVEWAY PLANS
203-235	ROAD LONGSECTIONS - SECTION 2
310	TYPICAL CROSS SECTIONS - SECTION 2
311-409	ROAD CROSS SECTIONS - SECTION 2
510-515	STORMWATER LONGSECTIONS

SECTION 3

DRAWING LIST	
DRAWING NUMBER	DRAWING TITLE
001	COVER SHEET
002	GENERAL NOTES
100-110	ROADWORKS PLANS
200	ROAD TYPICAL SECTION
300-312	ROAD CROSS SECTIONS



PROJECT STATUS

REV	DATE ISSUED	DRAWN BY	AMENDED BY	CHECKED BY	COUNCIL SUBMISSION
C	2024-11-01	T.v.d.M	J.C	M.W	2024-01-11
D	2025-01-28	GS	GS	MW	2025-02-11
E	2025-04-29	GS	GS	MW	2025-04-29
F (SECTION 1 DRWS AND SHEET 112 ONLY OF SECTION 2 DRWS)	2025-09-10	GS	GS	GCL	2025-09-10

F	PLANS AMENDED AS PER CCC MARKUPS FROM 22/08/2025	GS	10/09/2025	GCL	DRAWING STATUS: FOR CONSTRUCTION COORDINATE/ DATUM: GDA2020	DESIGNED:	J.C	REVIEWED:	M.W	CLIENT:	CENTRAL COAST COUNCIL		 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	PLANS AMENDED AS PER CCC MARKUPS FROM 17/03/2025 & 15/4/2025	GS	29/04/2025	GCL		DRAWN:	J.C	REVIEWED:	A.W	PROJECT DESCRIPTION:	IRONCLIFFE ROAD UPGRADE-SECTIONS 1-3							
C	FOOTPATH OPTION 1 - EASTSIDE	GS	03/03/2025	MW						ADDRESS:	IRONCLIFFE ROAD, PENGUIN							
B	RE-ISSUE AS PART OF THE REVISION OF DRG 103	J.C.	09/07/2024	M.W.		JOB MANAGER:	MARK WESTERBERG			DRAWING TITLE:	COVER PAGE							
A	ISSUED FOR CONSTRUCTION	J.C.	09/07/2024	M.W.		ISSUED DATE:	2025-04-11							REGISTRATION NUMBER:	----			
REV	AMENDMENTS	DRAWN	DATE	APPR.	THIS SHEET MAY BE PRINTED USING COLOUR AND MAY BE INCOMPLETE IF COPIED													

 CENTRAL COAST COUNCIL			 SURVEYORS, ENGINEERS & PLANNERS			51259MW - C - 000 - F		
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GENERAL NOTES:

1. ALL DIMENSIONS AND LOT SIZES SUBJECT TO FINAL SURVEY.
2. REFER IPWEA - LGAT SPECIFICATIONS, TASMANIAN STANDARD DRAWINGS ISSUED
TSD-G01 - TRENCH REINSTATEMENT FLEXIBLE PAVEMENTS
TSD-G02 - URBAN ROADS - TYPICAL SERVICE LOCATIONS
TSD-R01 - RURAL ROADS UNSEALED
TSD-R02 - RURAL ROADS SEALED
TSD-R03 - RURAL ROADS - TYPICAL DRIVEWAY ACCESS
TSD-R04 - RURAL ROADS - TYPICAL DRIVEWAY PROFILE
TSD-R05 - TRUCK ACCESS TO RURAL PROPERTIES 'TYPE A'
TSD-R06 - URBAN ROADS - TYPICAL SECTIONS & PAVEMENT WIDTHS
TSD-R09 - URBAN ROADS - DRIVEWAYS
TSD-R11 - URBAN ROADS - FOOTPATHS
TSD-R12 - SUB SOIL DRAINS - CONSTRUCTION DETAILS
TSD-R13 - SUBSOIL DRAINS PIT CONNECTION - TYPE FD
TSD-R14 - CONCRETE KERBS & CHANNELS DIMENSIONS
TSD-R15 - CONCRETE KERBS & CHANNELS CONSTRUCTION DETAILS
TSD-R16 - CONCRETE KERBS & CHANNELS VEHICULAR CROSSINGS
TSD-R18 - CONCRETE KERBS & CHANNELS ACCESS RAMP
TSD-R26 - DELINEATORS
TSD-R28 - W-BEAM - INSTALLATION DETAILS
TSD-SW01 - PIPE INSTALLATION ANCHOR BLOCKS
TSD-SW02 - MANHOLES - 100-600 DIA. PIPES - GENERAL ARRANGEMENTS
TSD-SW03 - MANHOLES - 100-600 DIA. PIPES - BENCHING DETAILS
TSD-SW09 - SIDE ENTRY PITS - 'TYPE 3'
TSD-SW11 - SIDE ENTRY PITS - KERB TRANSITIONS
TSD-SW15 - STORMWATER - 'GP'
TSD-SW17 - OUTLET HEADWALLS 300 - 600 DIA PIPES
TSD-SW25 - STORMWATER PROPERTY CONNECTIONS TO MAINS
TSD-SW26 - SADDLE CONNECTION TO STORMWATER DRAIN
TSD-SW27 - REPAIRS/ NEW CONNECTION TO STORMWATER DRAIN
TSD-SW28 - GUIDELINES FOR SEDIMENT CONTROL
TSD-RF04 - NATURE STRIP DETAILS

ENGINEERED FILL NOTES:

1. FILL MATERIAL FOR NEW ROAD AND FILL EMBANKMENTS MUST NOT CONTAIN ORGANIC OR OTHER MATERIALS THAT DECOMPOSE OR OTHERWISE LEAD TO LONG TERM SETTLEMENT AND TO BE APPROVED BY SUPERINTENDENT BEFORE USE.
2. MATERIAL TO BE PLACED AND COMPACTED UNIFORMLY IN LAYERS UNDER NEW ROAD NO GREATER THAN 150mm OR AS APPROVED BY THE SUPERVISING ENGINEER TO ACHIEVE 98% MDD AND ACROSS ROAD EMBANKMENT NO GREATER THAN 300mm TO ACHIEVE 95% MDD.
3. ROAD EMBANKMENT TO BE FULLY CONSTRUCTED PRIOR TO TRENCHING FOR NEW SERVICES.
4. FILL TO BE PLACED & COMPACTED PRIOR TO TRENCH EXCAVATION.
5. SITE FILLING THAT EXCEEDS A DEPTH OF 300mm MUST BE PLACED IN ACCORDANCE WITH THE AS3798 GUIDELINES FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS 1996. UPON COMPLETION OF THE WORKS, THE CONTRACTORS GEOTECHNICAL ENGINEER MUST CONFIRM IN WRITING THAT THE WORKS HAVE BEEN CARRIED OUT IN ACCORDANCE WITH AS3798.

ROADS & STORMWATER NOTES:

1. ALL STORMWATER PIPES CROSSING PROPERTY ACCESSES TO BE DN450 RCP CLASS 4 (RRJ) OR OTHER AS INDICATED.
2. STORMWATER CULVERTS LOCATED AT PROPERTY ACCESSES AS PER TSD-R03 AND TSD-SW17.
3. ALL FOOTPATHS TO BE N25 CONCRETE 100mm THICK, SL72 CENTRAL, 100 x 20 FCR BASE.
4. EXTENT OF ROADWORKS AS SHADED AND DETAILED ON THE LAYOUT DRAWINGS.
5. ALL FILL AREAS TO BE PLACED AND COMPACTED PRIOR TO TRENCH EXCAVATION.
6. PROVIDE TRAFFICABLE LIDS TO CONNECTIONS IN TRAFFICABLE AREAS INCLUDING DRIVEWAYS.
7. ALL DRIVEWAYS TO HAVE MAXIMUM GRADE 20% OUTSIDE LOT BOUNDARIES AND 25% INSIDE LOT BOUNDARIES AND CONSTRUCTED AS PER TSD-R09.
8. ALL PROPERTY ACCESSES TO BE CONSTRUCTED AS PER TSD-R03.
9. FOR GUIDE POST DETAILS, REFER TO TSD-R25
10. NEW SINGLE COAT SEAL (10mm AGGREGATE) TO BE APPLIED TO ALL EXISTING ROAD SURFACE WHERE NO NEW ROAD CONSTRUCTION WORKS ARE PROPOSED.
11. ALL NEW ROAD CONSTRUCTION SURFACE TO BE PRIME AND SINGLE COAT (14mm AGGREGATE) ON WIDENING AND NEW PAVEMENT.

STORMWATER LONG SECTION NOTES:

1. ALL EXCAVATION OVER 1.5m IN DEPTH MUST BE CARRIED OUT IN ACCORDANCE WITH WORKPLACE SAFETY STANDARDS CODE OF PRACTICE FOR EXCAVATION WORK.
2. COMPACTED FCR BACKFILL UNDER ROADS, DRIVEWAYS AND ACCESSES.
3. ALL FILL TO BE PLACED & COMPACTED PRIOR TO TRENCH EXCAVATION.
4. FILL IN EXCESS OF 300mm DEPTH TO BE COMPACTED TO 95% STANDARD DENSITY (AS 1289E4.01) IN 150mm MAX LAYERS.

NATURE STRIP NOTES:

1. FOR FILL BATTERS, BENCH AND PLACE APPROVED FILL IN 300mm LAYERS COMPACTED TO 95% MAX DRY DENSITY. FILL TO BE PLACED & COMPACTED PRIOR TO TRENCH EXCAVATION.
2. MATERIAL TO BE PLACED AND COMPACTED UNIFORMLY IN LAYERS ACROSS THE EMBANKMENT NO GREATER THAN 300mm TO ACHIEVE 95% MDD. FOR FILL BATTERS, BENCH AS SHOWN.

SPRINK 100mm THICK SUPER SCREENED LOAM TO NATURE STRIP & APPLY GRASS SEED AS PER TSD-RF04

NATURE STRIPS TO BE WATERED & MAINTAINED INCLUDING WEED REMOVAL & MOWING THROUGHOUT THE MAINTENANCE PERIOD.

WEED MANAGEMENT NOTES:

1. ALL AREAS WITHIN COMPLETED STAGES WHERE TOPSOIL HAS BEEN SPREAD SHOULD BE MONITORED FOR SERRATED TUSsock AND TREATED AS REQUIRED.
2. EQUIPMENT MOVEMENT SHOULD BE RESTRICTED TO THE DEVELOPMENT FOOTPRINT. NOTE: TRACKED EQUIPMENT MOVING ACROSS WEED INFESTED COUNCIL LAND HAS HIGH RISK OF PICKING UP WEED SEED AND/OR SPREADING TO COUNCIL LAND.
3. CONTINUE TO ENSURE WASH DOWN LEDGER IS SUBMITTED TO COUNCIL TO DEMONSTRATE WHEN EQUIPMENT IS CLEANED PRIOR TO MOVING OFF SITE.
4. SEDIMENT TRAP SHOULD BE MONITORED FOR EMERGING WEEDS AND SEDIMENT DEEP BURIED AT END OF EACH STAGE PARTICULARLY IF EQUIPMENT HAS BEEN MOVED OFF SITE AND WASH DOWN WILL NOT BE USED IN MID TO LONG TERM.
5. TRUCKS AND EQUIPMENT SHOULD BE CLEAN PRIOR TO COMING TO SITE IF THEY ARE TO LEAVE THE HARDENED SURFACE WHILE ON SITE. ANY VEHICLES/EQUIPMENT THAT LEAVE FORMER ROADS MUST BE CLEANED PRIOR TO LEAVING THE SITE AND A RECORD KEPT IN THE WASH DOWN LEDGER.
6. THE WASH DOWN LEDGER DOCUMENTING LICENCE PLATE NUMBERS OF ALL VEHICLES, TRUCKS AND EQUIPMENT SHOULD BE SUBMITTED TO COUNCIL TWICE PER YEAR (AS A MINIMUM) TO DEMONSTRATE WHEN EQUIPMENT IS CLEANED/LEAVING THE SITE. WASH DOWN LEDGER MUST BE REGULARLY SUBMITTED TO COUNCIL.
7. CONFINED DISTURBANCE OF TOPSOIL, AND EARTHWORK TO A MINIMUM CORRIDOR.
8. STRIP ROAD CORRIDORS FIRST, THEN CONFINED MOVEMENTS OF WORKS VEHICLES TO THE FUTURE ROAD CORRIDORS, WHERE POSSIBLE.
9. ESTABLISH A STABILISED ENTRANCE AND WASHDOWN AREA JUST INSIDE THE WORKS BOUNDARY. IN ACCORDANCE WITH DRAWING.
10. ALL VEHICLES LEAVING THE SITE TO BE CLEANED AND WASHED DOWN PRIOR TO EXIT.
11. PRIVATE VEHICLES SHOULD NOT BE PARKED WITHIN THE SITE.
12. STOCKPILE AREAS TO BE PLACED CLOSE TO THE SITE ENTRANCE WHERE POSSIBLE.
13. WARNING SIGNAGE IS TO BE PLACED AT THE VEHICLE WASHDOWN BAY STATING THE NEED FOR ALL VEHICLES TO WASHDOWN PRIOR TO LEAVING THE SITE.
14. ANY IMPORTED FILL MATERIALS MUST BE SOURCED FROM QUARRIES ABLE TO PROVIDE DOCUMENTATION AS TO THE WEEDS PRESENT ON THE SOURCE SITE IN ORDER TO MINIMISE THE INTRODUCTION OF NEW WEEDS AND PATHOGENS TO THE AREA.

SWMP NOTES:

1. AREAS OF GROUND DISTURBANCE ARE SHOWN. WORKS TO BE CONFINED TO WITHIN THESE AREAS. CLEARING FOR WORKS TO BE LIMITED TO WITHIN 5 METRES FROM THE EDGE OF ANY ESSENTIAL CONSTRUCTION ACTIVITY. (REFER FACT SHEET 8 - MINIMIZE SOIL DISTURBANCE).
2. ALL EXCAVATION IS TO COMPLY WITH FACT SHEETS - SOIL & WATER MANAGEMENT FOR BUILDING & CONSTRUCTION SITES 2008. THESE ARE AVAILABLE AT www.environment.gov.au 973-995.
3. EXCAVATION TO BE CARRIED OUT OVER A MINIMUM TIME PERIOD. TOPSOIL TO BE STOCKPILED SEPARATELY AND SPREAD OVER BACKFILLED AREAS. SOIL TO BE STOCKPILED IN A NARROW CORRIDOR ON THE UPSTREAM SIDE OF ALL EXCAVATION. TEMPORARY CATCH DRAINS TO BE CONSTRUCTED ON THE UPSTREAM SIDE OF STOCKPILES AND EXCAVATED AREAS, DIRECTING RUNOFF TO EXISTING STORMWATER SYSTEM. (REFER FACT SHEET 9 - PROTECT SERVICE TRENCHES & STOCKPILES).
4. SEDIMENT FENCES & FIBRE ROLLS TO BE USED ON THE DOWNSTREAM SIDE OF ALL STOCKPILES AND TO EXTENTS SHOWN ON THIS DRAWING. PREVENT ENTRY OF SILT TO EXISTING STORMWATER INLETS AND WATER COURSES DURING CONSTRUCTION. (REFER FACT SHEET 14) SEDIMENT FENCES & FIBRE ROLLS.
5. EVERY EFFORT TO BE MADE TO MINIMIZE SPREADING SEDIMENT ON TO SEALED AREAS WHEN VEHICLES LEAVE THE SITE, INCLUDING THE WASHING DOWN OF TYRES. (REFER FACT SHEET 13 - WHEEL WASH).
6. NO TOPSOIL SHALL BE REMOVED FROM LAND OUTSIDE THE AREAS OF GROUND DISTURBANCE SHOWN.
7. ALL AREAS OF GROUND DISTURBANCE TO BE RE-VEGETATED IN ACCORDANCE WITH FACT SHEET 19 - SITE RE-VEGETATION. (REFER DEVELOPMENT QUARY PROGRAM).
8. ALL STOCKPILES TO BE POSITIONED CLEAR OF WATER COURSES AND TO ENSURE THAT NO SILT RUNOFF CAN ENTER WATER COURSES.
9. ALL WINDY CONDITIONS AND/OR HOT WEATHER, WET EXPOSED SOIL, SLIGHTLY & REGULARLY TO PREVENT DUST NUISANCE. (REFER FACT SHEET 16) DUST CONTROL.
10. PRIOR TO PRACTICAL COMPLETION OF EACH APPROVED CONSTRUCTION STAGE, ALL DISTRIBUTED SURFACES ON THE SITE, EXCEPT THE AREAS SET ASIDE FOR ROADWAYS & FOOTPATHS, MUST BE DRESSED TO A MINIMUM OF 50mm WITH
 - * APPROVED LOCAL STOCKPILED TOPSOIL
 - * APPROVED WEED FREE IMPORTED TOPSOIL
 - * BE VEGETATED WITH LOCAL PLANTS & GRASSES AND STABILISED.

TREE PROTECTION PLAN NOTES:

1. REFER TO AS4970-2007 FOR THE AUSTRALIAN STANDARD REGARDING PROTECTION OF TREES.
2. AS ENCRoACHMENT OF THE HIGH CONSERVATION VALUE TREE'S TENDRILS INTO A ROADWAY OR OTHER DEVELOPMENT, CONSTRUCTION ROOT INVESTIGATIONS SHOULD NOT BE REQUIRED. THE STRUCTURAL ROOT ZONE OF THE TREE IS ALSO NOT REQUIRED.
3. THE CONDUCTOR IS UNABLE TO IDENTIFY ALL TPT.
4. REQUIREMENTS OF STANDARD AS4970-2007 AND ANY SUBSEQUENT REMEDIAL MEASURES REQUIRED.

BEFORE CONSTRUCTION:

1. A TEMPORARY PROTECTIVE FENCE PER AS4687-2007 IS TO BE ERECTED IMMEDIATELY ADJACENT TO THE ACCESS WORKS AND RESPECTIVELY CORRESPOND TO THE TREE PROTECTION ZONE.
2. SHADE CLOTH OR SIMILAR SHOULD BE ATTACHED TO THE FENCING TO REDUCE DUST AND OTHER CONTAMINANTS INTO THE PROTECTED AREA.
3. NO PRUNING OR DAMAGE TO THE CROWN IS TO OCCUR UNLESS IN ACCORDANCE WITH THE ARBORIST ADVICE AND THE PRIOR WRITTEN APPROVAL OF COUNCIL IS OBTAINED.
4. REFER TO AS4970-2007 4.2 FOR ACTIVITIES RESTRICTED WITHIN THE TPZ.
5. SIGNAGE PER SECTION SHOULD BE ERECTED AROUND THE PERIMETER OF THE TPZ SUCH THAT IT IS VISIBLE FROM THE DEVELOPMENT SITE.
6. MAINTENANCE OF THE TREE PROTECTION FENCE IS REQUIRED FOR THE DURATION OF CONSTRUCTION AND WRITTEN APPROVAL OF COUNCIL PRIOR TO ANY ADDITIONAL ENCRoACHMENT IS REQUIRED.

DURING CONSTRUCTION:

1. SHOULD ADDITIONAL ENCRoACHMENT INTO THE TPZ BE NECESSARY, VIABILITY SHOULD BE REVIEWED BY AN APPROPRIATE ARBORIST.

AFTER CONSTRUCTION:

1. ALL REMAINING TREE PROTECTIVE MEASURES SHALL BE REMOVED.

F	PLANS AMENDED AS PER CCC MARKUPS FROM 22/08/2025	GS	10/09/2025	GCL	DRAWING STATUS: FOR CONSTRUCTION COORDINATE/ DATUM: GDA2020	DESIGNED:	J.C	REVIEWED:	M.W	CLIENT:	CENTRAL COAST COUNCIL						
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C	FOOTPATH OPTION 1 - EASTSIDE	GS	03/03/2025	MW		ADDRESS:				DRAWING TITLE:	IRONCLIFFE ROAD, PENGUIN	GENERAL NOTES	CENTRAL COAST COUNCIL 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
B	RE-ISSUE AS PART OF THE REVISION OF DRG 103	J.C.	09/07/2024	M.W.		JOB MANAGER:	MARK WESTERBERG								---	N.T.S	(A1)
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										REGISTRATION NUMBER: ----							

LINE MARKING - SECTION 1	
CHAINAGE	LINE MARKING TYPE - CODE
0-120	SEPARATION (RURAL) - S
120-310	BARRIER (BOTH DIRECTION) - B3
310-790	SEPARATION (RURAL) - S
790-900	BARRIER (BOTH DIRECTION) - B3
900-1100	SEPARATION (RURAL) - S
1100-1200	BARRIER (BOTH DIRECTION) - B3
1200-1300	SEPARATION (RURAL) - S
1300-1350	BARRIER (BOTH DIRECTION) - B3

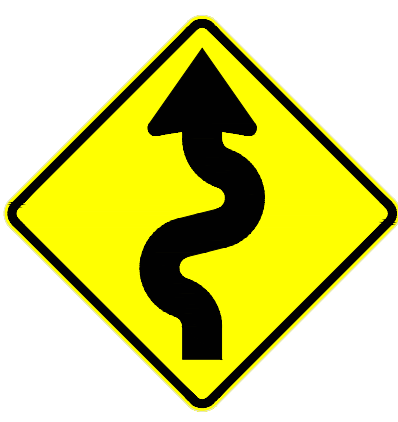
LINE MARKING - SECTION 2	
CHAINAGE	LINE MARKING TYPE - CODE
0-700	BARRIER (BOTH DIRECTION) - B3
700-800	SEPARATION (RURAL) - S
800-890	BARRIER (BOTH DIRECTION) - B3
890-960	SEPARATION (RURAL) - S
960-1200	BARRIER (BOTH DIRECTION) - B3
1200-1590	SEPARATION (RURAL) - S
1590-1990	BARRIER (BOTH DIRECTION) - B3
1990-2170	SEPARATION (RURAL) - S
2170-2330	BARRIER (BOTH DIRECTION) - B3
2330-2390	SEPARATION (RURAL) - S
2390-2450	BARRIER (BOTH DIRECTION) - B3
2450-2600	SEPARATION (RURAL) - S
2600-2730	BARRIER (BOTH DIRECTION) - B3
2730-2800	SEPARATION (RURAL) - S
2800-2810	BARRIER (BOTH DIRECTION) - B3
2810-2920	SEPARATION (RURAL) - S
2920-3320	BARRIER (BOTH DIRECTION) - B3
3320-3810	SEPARATION (RURAL) - S
3810-4560	BARRIER (BOTH DIRECTION) - B3
4560-4800	SEPARATION (RURAL) - S
4800-4860	BARRIER (BOTH DIRECTION) - B3
4860-5590	SEPARATION (RURAL) - S



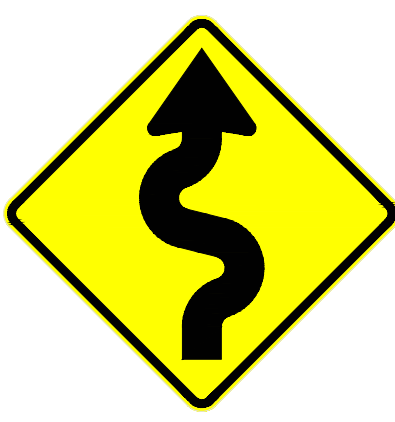
W1-3A(L)



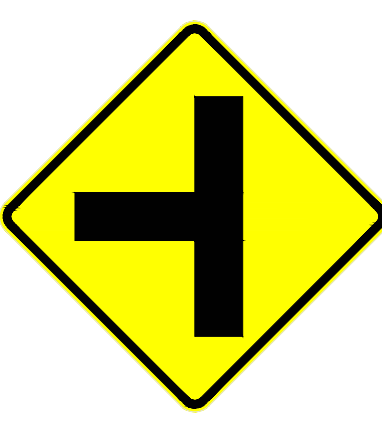
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W1-5A(L)



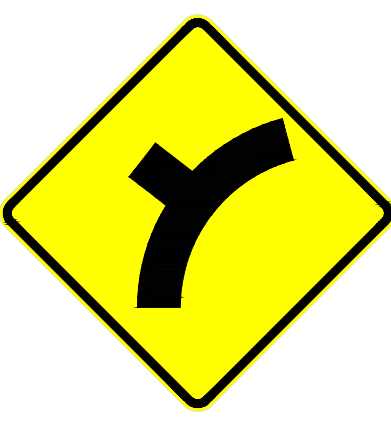
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W2-4A(L)



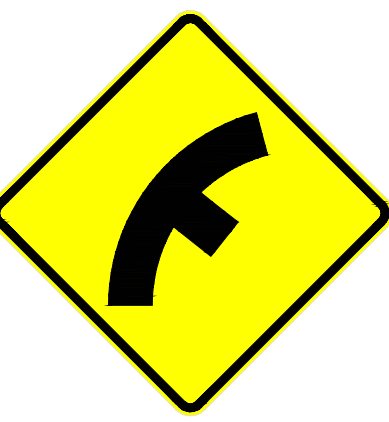
W2-9A(L)



W2-9A(R)



W2-10A(L)



W2-10A(R)



W8-2A(35)



W8-2A(45)



W8-2A(55)



W5-11A



W5-103A



W4-1A



R4-1B(70)



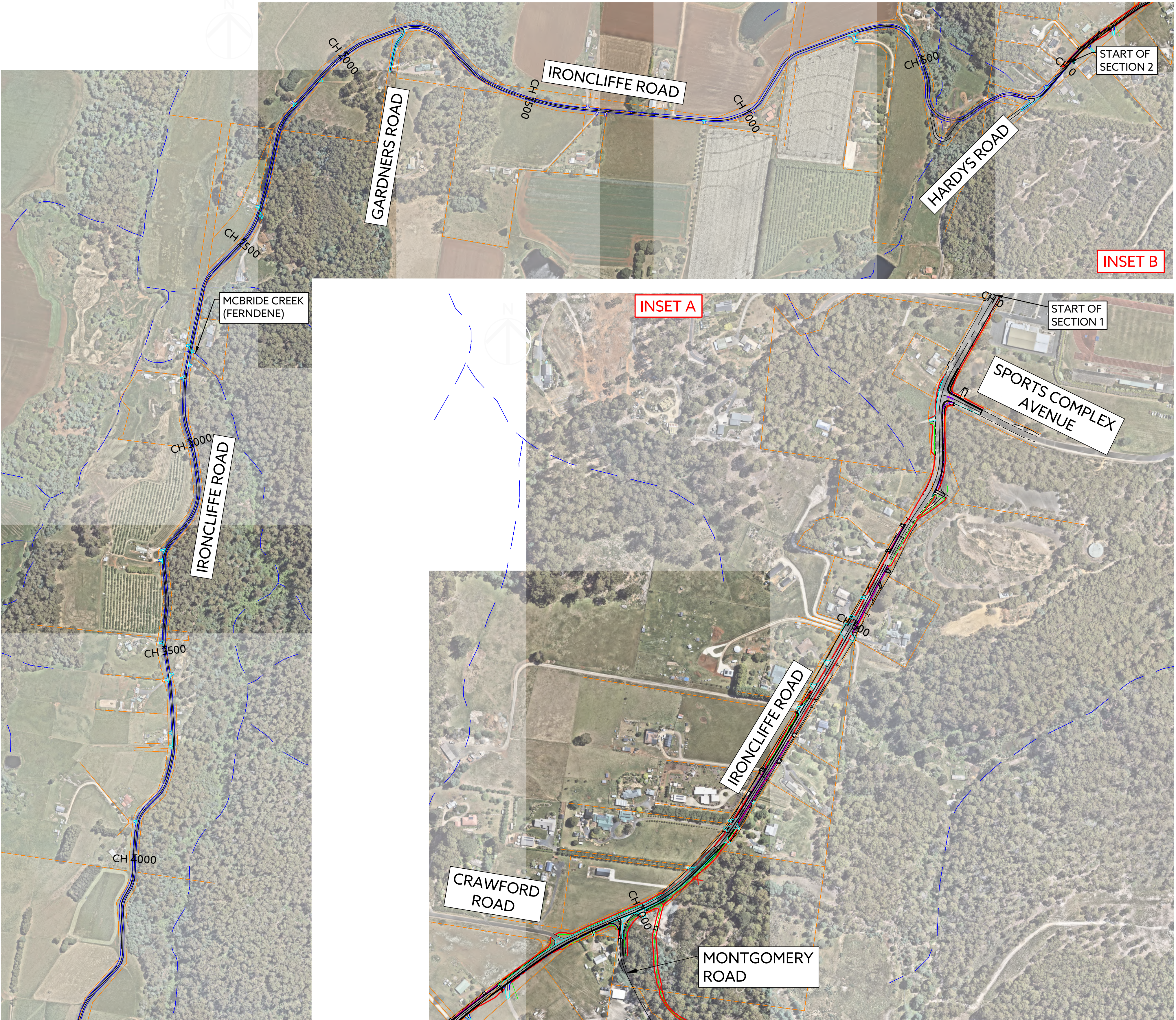
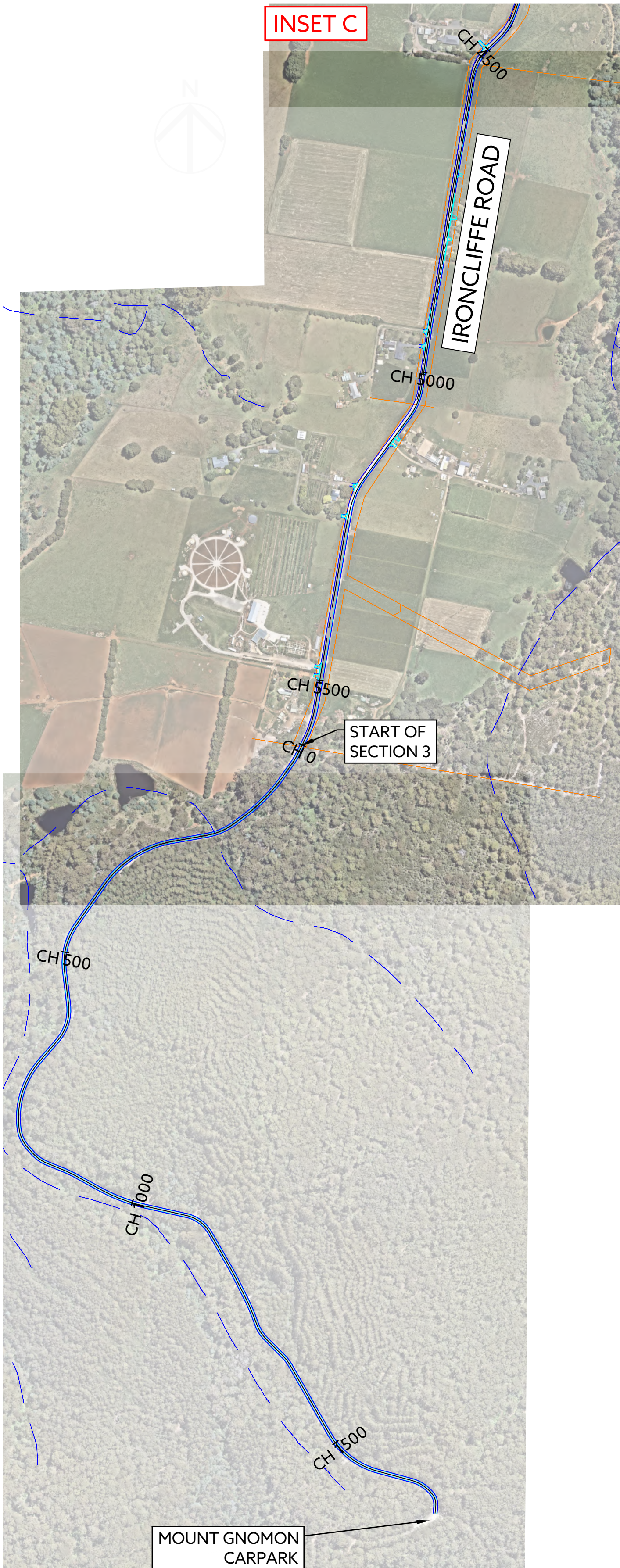
R1-2A

SIGN SCHEDULE - SECTION 1	
SIGN TYPE/LOCATION	R1-2A
	CH 15 (SPORTS COMPLEX AVENUE)
	CH 8 (MONTGOMERY ROAD)
TOTAL	2

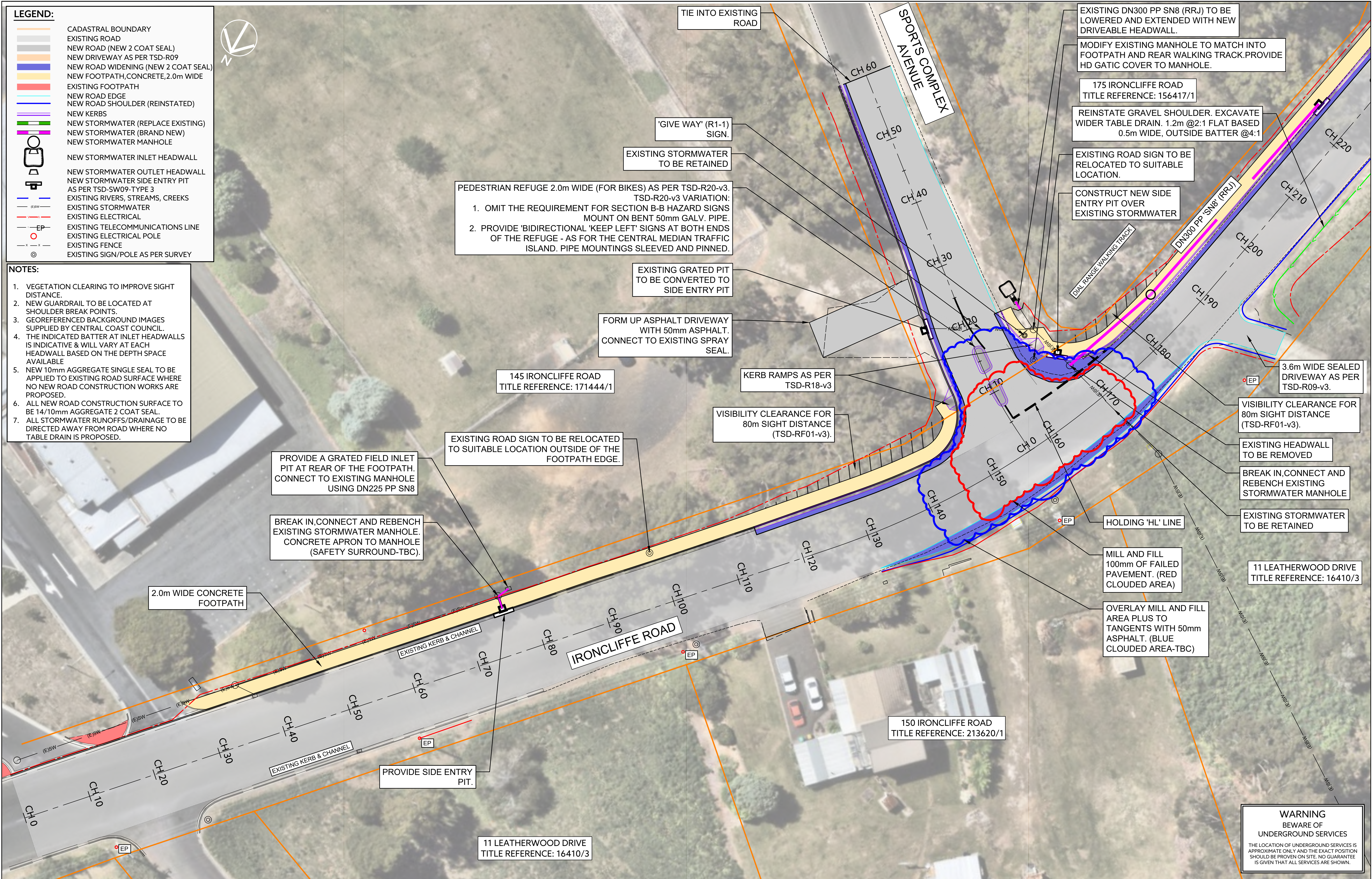
SIGN SCHEDULE - SECTION 2														
SIGN TYPE/LOCATION	R1-2A	R4-1b(70)	W1-3A(L)	W1-3A(R)	W1-5A(R)	W2-9A(L)	W2-9A(R)	W2-10A(L)	W4-1A	W5-11A	W5-103A	W8-2A(35)	W8-2A(45)	W8-2A(55)
	CH10 (HARDYS ROAD).	CH 62 (2x), CH 5540 (2x).	CH 150, CH 157, CH 450, CH 510, CH 790, CH 1090,CH 1690, CH 1750, CH 2180, CH 2525, CH 2590, CH 3210, CH 3520, CH 3870 (2x), CH 4280, CH 4330,CH 4470, CH 4480, CH 5080, CH 5180.	CH 210, CH 254,CH 630, CH 910, CH 960, CH 1550,CH 1910, CH 2290, CH 2410, CH 2670, CH 3095, CH 3315, CH 3790, CH 3943, CH 4220, CH 4400, CH 4555, CH 5020, CH 5240	CH 84,CH 1550, CH 2410, CH 2670, CH 3095, CH 3790, CH 3942, CH 4030, CH 4150, CH 4430, CH 4555	CH 157	CH 84	CH 1750	CH 2785, CH 2840	CH 1135, CH 1190, CH 2180, CH 2290, CH 2730 (2x)	CH510, CH 630, CH 960, CH 1090	CH 84	CH 254, CH 450, CH 510, CH 630, CH 4030, CH 4150, CH 4220, CH 4280, CH 4430, CH 4555, CH 5020, CH 5080	CH 790, CH 910, CH 960, CH 1090, CH 1750, CH 1910, CH 3942
TOTAL	1	4	21	19	11	1	1	1	2	5	4	1	12	7

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IRONCLIFFE ROAD SECTIONS				
SECTION NO.	SECTION START		SECTION END	
	X COORDINATE	Y COORDINATE	X COORDINATE	Y COORDINATE
SECTION 1	421630.624	5446601.887	420853.283	5445565.868
SECTION 2	420853.283	5445565.868	418269.931	5442264.101
SECTION 2	418269.931	5442264.101	418468.758	5441102.757

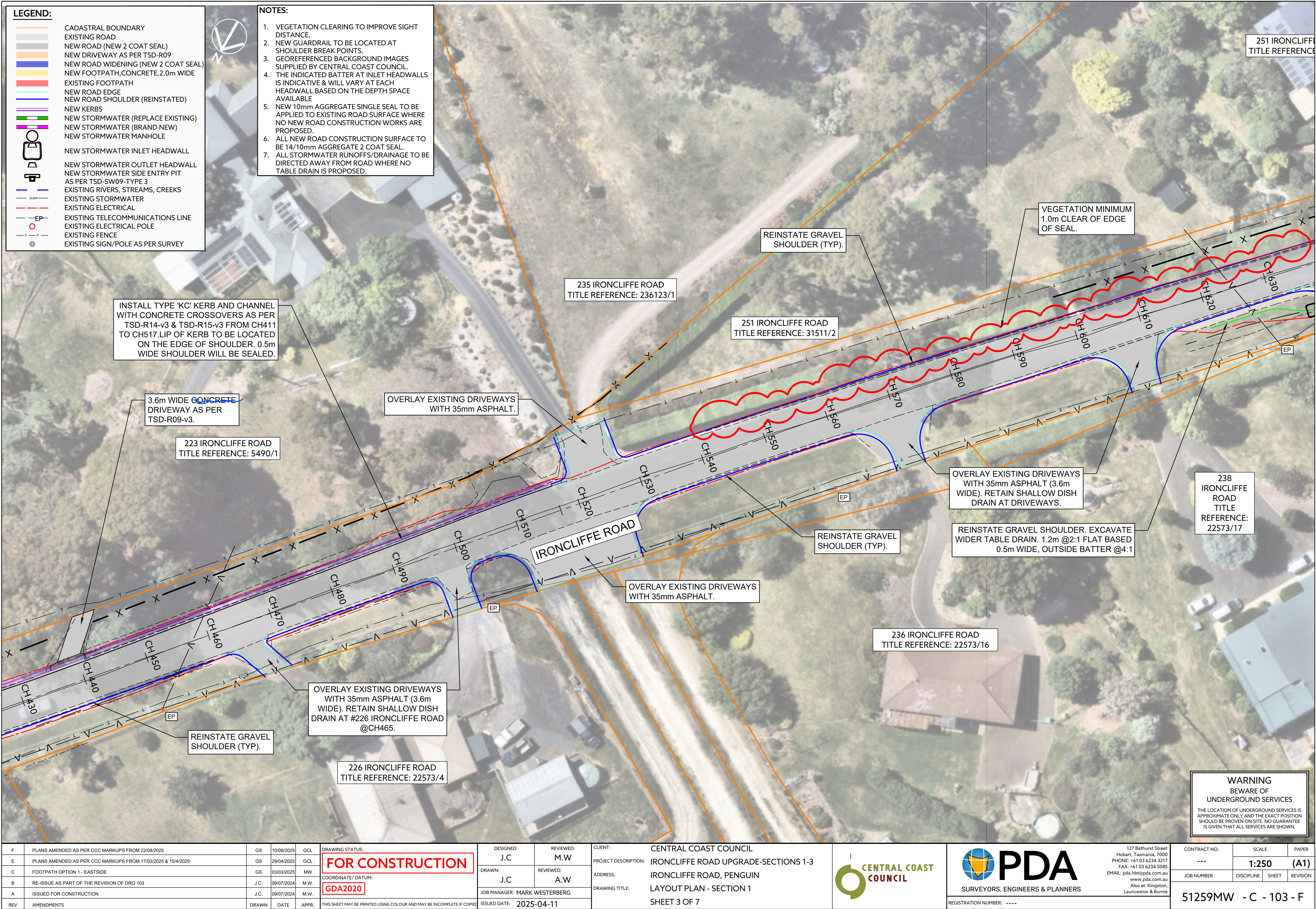


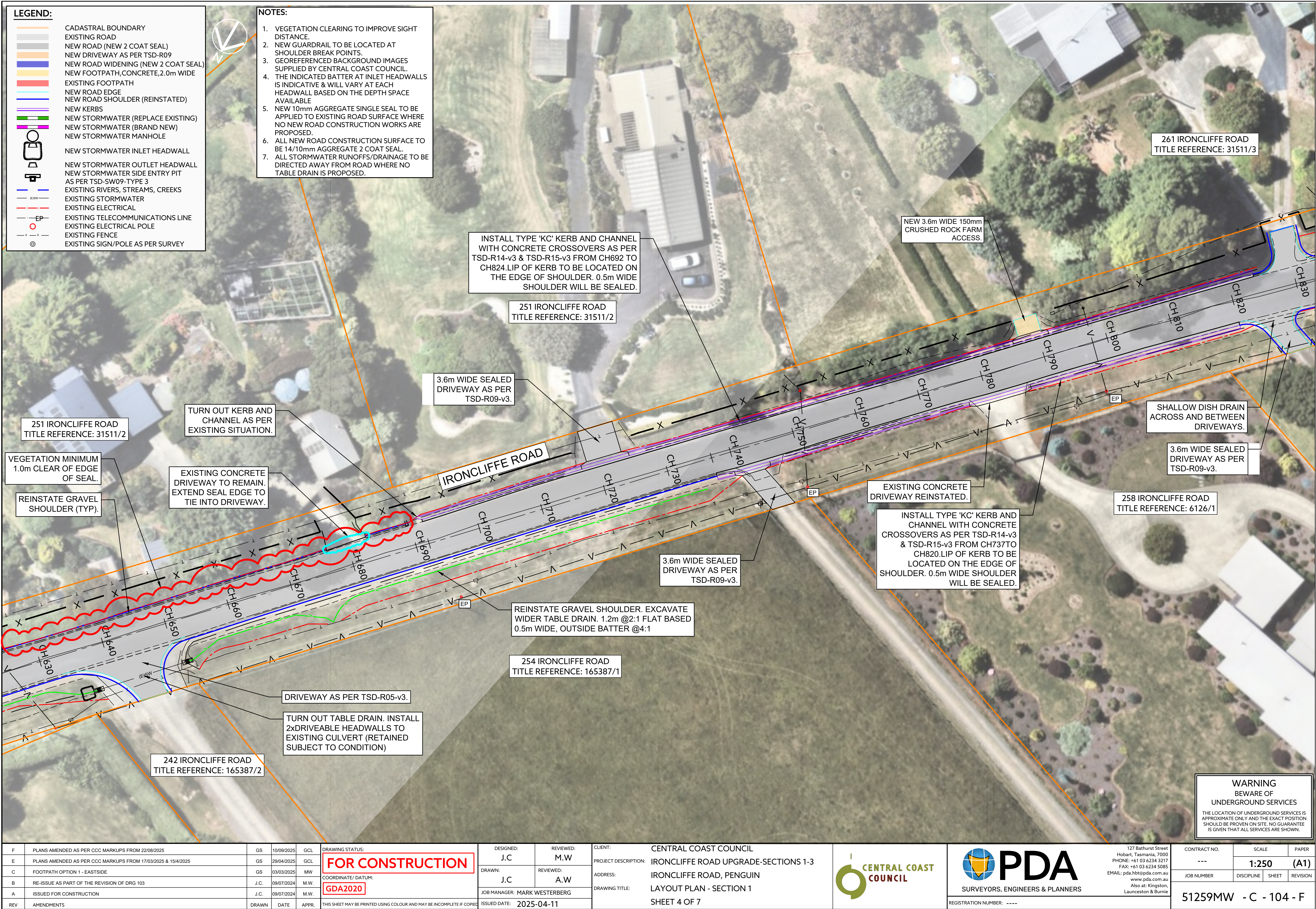
F	PLANS AMENDED AS PER CCC MARKUPS FROM 22/08/2025	GS	10/09/2025	GCL	DRAWING STATUS: FOR CONSTRUCTION COORDINATE / DATUM: GDA2020 THIS SHEET MAY BE PRINTED USING COLOUR AND MAY BE INCOMPLETE IF COPIED	DESIGNED:	J.C	REVIEWED:	M.W	CLIENT:	CENTRAL COAST COUNCIL		127 Bathurst Street Hobart, Tasmania, 7000 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	CONTRACT NO.	SCALE	PAPER	
E	PLANS AMENDED AS PER CCC MARKUPS FROM 17/03/2025 & 15/4/2025	GS	29/04/2025	GCL		DRAWN:	J.C	REVIEWED:	A.W	PROJECT DESCRIPTION:	IRONCLIFFE ROAD UPGRADE-SECTIONS 1-3			---	1:5000	(A1)	
C	FOOTPATH OPTION 1 - EASTSIDE	GS	03/03/2025	MW		ADDRESS:				IRONCLIFFE ROAD, PENGUIN	JOB NUMBER			DISCIPLINE	SHEET	REVISION	
B	RE-ISSUE AS PART OF THE REVISION OF DRG 103	J.C.	09/07/2024	M.W.		JOB MANAGER:	MARK WESTERBERG			DRAWING TITLE:	LOCALITY PLAN			51259MW - C - 100 - F			
A	ISSUED FOR CONSTRUCTION	J.C.	09/07/2024	M.W.		ISSUED DATE:	2025-04-11										
REV	AMENDMENTS	DRAWN	DATE	APPR.	REGISTRATION NUMBER: ----												



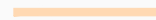
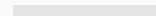
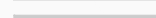
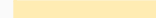
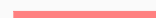
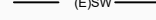
F	PLANS AMENDED AS PER CCC MARKUPS FROM 22/08/2025	GS	10/09/2025	GCL	DRAWING STATUS:	DESIGNED:	REVIEWED:	CLIENT:	CENTRAL COAST COUNCIL
E	PLANS AMENDED AS PER CCC MARKUPS FROM 17/03/2025 & 15/4/2025	GS	29/04/2025	GCL	FOR CONSTRUCTION	J.C	M.W	PROJECT DESCRIPTION:	IRONCLIFFE ROAD UPGRADE-SECTIONS 1-3
C	FOOTPATH OPTION 1 - EASTSIDE	GS	03/03/2025	MW	COORDINATE/ DATUM:	J.C	A.W	ADDRESS:	IRONCLIFFE ROAD, PENGUIN
B	RE-ISSUE AS PART OF THE REVISION OF DRG 103	J.C.	09/07/2024	M.W.	GDA2020	JOB MANAGER: MARK WESTERBERG			LAYOUT PLAN - SECTION 1
A	ISSUED FOR CONSTRUCTION	J.C.	09/07/2024	M.W.	ISSUED DATE: 2025-04-11			DRAWING TITLE:	SHEET 1 OF 7
REV	AMENDMENTS	DRAWN	DATE	APPR.	THIS SHEET MAY BE PRINTED USING COLOUR AND MAY BE INCOMPLETE IF COPIED				

REGISTRATION NUMBER: ----	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 1:250	PAPER (A1)
		JOB NUMBER 51259MW - C - 101 - F	DISCIPLINE C	SHEET 101
		REVISION		





LEGEND:

	CADASTRAL SURVEY
	EXISTING ROAD
	NEW ROAD (NEW 2 COAT SEAL)
	NEW DRIVEWAY AS PER TSD-R09
	NEW ROAD WIDENING (NEW 2 COAT SEAL)
	NEW FOOTPATH, CONCRETE, 2.0m WIDE
	EXISTING FOOTPATH
	NEW ROAD EDGE
	NEW ROAD SHOULDER (REINSTATED)
	NEW KERBS
	NEW STORMWATER (REPLACE EXISTING)
	NEW STORMWATER (BRAND NEW)
	NEW STORMWATER INLET HEADWALL
	NEW STORMWATER OUTLET HEADWALL
	NEW STORMWATER SIDE ENTRY PIT AS PER TSD-SW09-TYPE 3
	EXISTING RIVERS, STREAMS, CREEKS
	EXISTING STORMWATER
	EXISTING ELECTRICAL
	EXISTING TELECOMMUNICATIONS LINE
	EXISTING ELECTRICAL POLE
	EXISTING FENCE
	EXISTING SIGN/POLE AS PER SURVEY

- NOTES:**
1. VEGETATION CLEARING TO IMPROVE SIGHT DISTANCE.
 2. NEW GUARDRAIL TO BE LOCATED AT SHOULDER BREAK POINTS.
 3. GEOREFERENCED BACKGROUND IMAGES SUPPLIED BY CENTRAL COAST COUNCIL.
 4. THE INDICATED BATTER AT INLET HEADWALLS IS INDICATIVE & WILL VARY AT EACH HEADWALL BASED ON THE DEPTH SPACE AVAILABLE
 5. NEW 10mm AGGREGATE SINGLE SEAL TO BE APPLIED TO EXISTING ROAD SURFACE WHERE NO NEW ROAD CONSTRUCTION WORKS ARE PROPOSED.
 6. ALL NEW ROAD CONSTRUCTION SURFACE TO BE 14/10mm AGGREGATE 2 COAT SEAL.
 7. ALL STORMWATER RUNOFFS/DRAINAGE TO BE DIRECTED AWAY FROM ROAD WHERE NO TABLE DRAIN IS PROPOSED.

CLEAR TREES AND
CONSTRUCT SWALE DRAIN
TO AN OUTLET. 1.0m BASED
3:1 SIDE SLOPE. REFER
SHEET C-108 FOR EXTENT.

PROVIDE TWIN DN450 RCP PIPES GRAVEL CROSSING OF THE NEW OUTLET CHANNEL. AT COMPLETION OF PROJECT: STOCKPILE SITE HARDSTAND TO REMAIN FOR MONTGOMERY OVERFLOW PARKING. BANKED TOPSOIL TO BE SPREAD OFF THE HARDSTAND.

45 MONTGOMERY ROAD
TITLE REFERENCE: 77643/4
OWNER: CENTRAL COAST COUNCIL

POWER POLE AND STAY 118608A.
TO BE 6.0m. CLEAR OF
EARTHWORKS BY
TASNETWORKS.

NEW FENCE
(WALLABY MESH) ON
ROAD RESERVE
BOUNDARY.

POWER POLE 54A TO BE RELOCATED
TO INSIDE OF THE ROAD RESERVE
-3.5m TBC.

TELSTRA LINE TO BE
RELOCATED. TREES TO BE
CLEARED 1.0m MIN OUTSIDE
OF ROAD RESERVE.

BDY POINT #2
OFFSET - 9.88m
(FROM CENTRELINE)
CHAINAGE - CH908.12

TABLE DRAIN @2:1
SLOPE,1.2m WIDTH,
FLAT 0.5m
BOTTOM,REAR BATTER
SLOPE 2:1.

BDY POINT #1
OFFSET - 9.84m (FROM
CENTRELINE)
CHAINAGE - CH867

POLE 53A NO
RELOCATION
REQUIRED.

NEW 3.6m WIDE 150mm
CRUSHED ROCK FARM
ACCESS. SEALED
UPTO SHOULDER.

TRUCK ACCESS AS PER
TSD-R05-v3. FENCE
AND GATE (BARBEQUE
KEYED) PROVIDE min
10m SET BACK FROM
ROAD SHOULDER.
RPROVIDE DN375
CULVERT UNDER
ACCESS WITH TWO
DRIVEABLE
HEADWALLS.

EXISTING CULVERT TO BE
CORE FILLED AND MADE
REDUNDANT.

EXISTING FENCE TO
BE RETAINED.

TABLE DRAIN @2:1
SLOPE, 1.2m
WIDTH, REAR BATTER
SLOPE 2:1.

EXISTING CONCRETE
DRIVEWAY TO REMAIN.
EXTEND SEAL EDGE TO
TIE INTO
DRIVEWAY.RETAIN
SHALLOW VEE DRAIN.

3.6m WIDE SEALED
DRIVEWAY AS PER
TSD-R09-v3.

264 IRONCLIFFE ROAD
TITLE REFERENCE: 161962/2

~~274 IRONCLIFFE ROAD~~
~~TITLE REFERENCE: 161962/3~~

TIE INTO EXISTING
ROAD

REINSTATE GRAVEL
SHOULDER (TYP).

3.6m WIDE SEALED
DRIVEWAY AS PER
TSD-R09-v3.

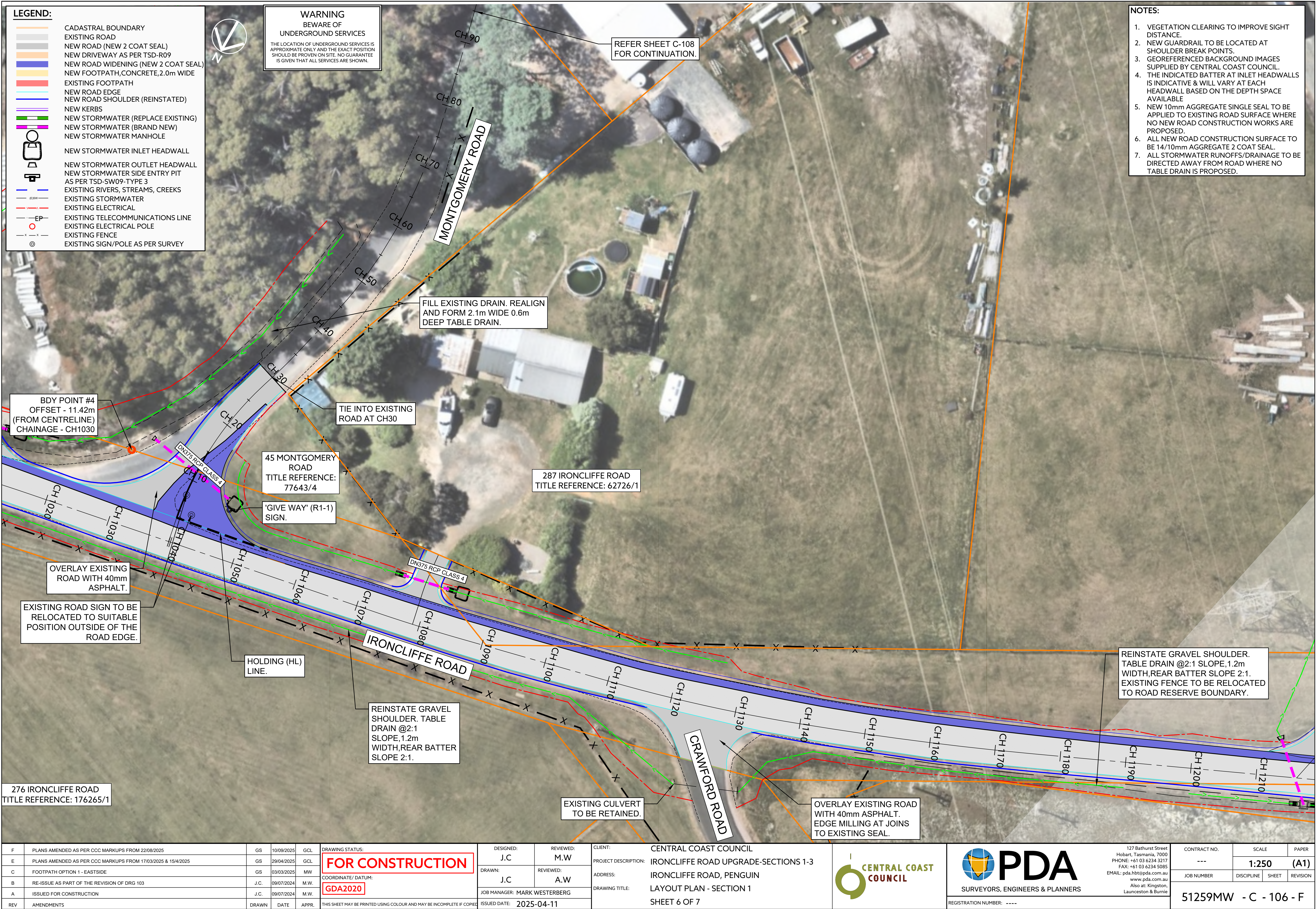
SHALLOW DISH DRAIN
ACROSS AND BETWEEN
DRIVEWAYS.

262 IRONCLIFFE ROAD
TITLE REFERENCE: 161962/1

WARNING
BEWARE OF
UNDERGROUND SERVICES

THE LOCATION OF UNDERGROUND SERVICES IS APPROXIMATE ONLY AND THE EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN.

F PLANS AMENDED AS PER CCC MARKUPS FROM 22/08/2025				GS	10/09/2025	GCL	DRAWING STATUS: FOR CONSTRUCTION COORDINATE/ DATUM: GDA2020	DESIGNED:	J.C	REVIEWED:	M.W	CLIENT: CENTRAL COAST COUNCIL PROJECT DESCRIPTION: IRONCLIFFE ROAD UPGRADE-SECTIONS 1-3 ADDRESS: IRONCLIFFE ROAD, PENGUIN DRAWING TITLE: LAYOUT PLAN - SECTION 1 SHEET 5 OF 7	 CENTRAL COAST COUNCIL	 SURVEYORS, ENGINEERS & PLANNERS 127 Bathurst Street Hobart, Tasmania, 7000 PHONE: +61 03 6234 3217 FAX: +61 03 6234 5085 EMAIL: pda.htb@pda.com.au www.pda.com.au Also at: Kingston, Launceston & Burnie	CONTRACT NO.	SCALE	PAPER
E PLANS AMENDED AS PER CCC MARKUPS FROM 17/03/2025 & 15/4/2025				E	29/04/2025	GCL		DRAWN: J.C	REVIEWED: A.W	---	1:250				(A1)		
C FOOTPATH OPTION 1 - EASTSIDE				GS	03/03/2025	MW				JOB NUMBER	DISCIPLINE				SHEET	REVISION	
B RE-ISSUE AS PART OF THE REVISION OF DRG 103				J.C	09/07/2024	M.W.				JOB MANAGER: MARK WESTERBERG ISSUED DATE: 2025-04-11	51259MW - C - 105 - F						
A ISSUED FOR CONSTRUCTION				J.C	09/07/2024	M.W.											
REV	AMENDMENTS	DRAWN	DATE	APPR.	THIS SHEET MAY BE PRINTED USING COLOUR AND MAY BE INCOMPLETE IF COPIED												



LEGEND:

- CADASTRAL BOUNDARY
- EXISTING ROAD
- NEW ROAD (NEW 2 COAT SEAL)
- NEW DRIVEWAY AS PER TSD-R09
- NEW ROAD WIDENING (NEW 2 COAT SEAL)
- NEW FOOTPATH, CONCRETE, 2.0m WIDE
- EXISTING FOOTPATH
- NEW ROAD EDGE
- NEW ROAD SHOULDER (REINSTATED)
- NEW KERBS
- NEW STORMWATER (REPLACE EXISTING)
- NEW STORMWATER (BRAND NEW)
- NEW STORMWATER MANHOLE
- NEW STORMWATER INLET HEADWALL
- NEW STORMWATER OUTLET HEADWALL
- NEW STORMWATER SIDE ENTRY PIT AS PER TSD-SW09-TYPE 3
- EXISTING RIVERS, STREAMS, CREEKS
- EXISTING STORMWATER
- EXISTING ELECTRICAL
- EXISTING TELECOMMUNICATIONS LINE
- EXISTING ELECTRICAL POLE
- EXISTING FENCE
- EXISTING SIGN/POLE AS PER SURVEY

WARNING
BEWARE OF UNDERGROUND SERVICES
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NOTES:

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2. NEW GUARDRAIL TO BE LOCATED AT SHOULDER BREAK POINTS.
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TRAPEZOIDAL CHANNEL- BASE
1.5m WIDE, 4:1 SIDE SLOPES, 1% MIN GRADIENT TO DAYLIGHT WITHIN PROPERTY #309.

EXISTING CULVERT
REMOVE AND ROAD CORSSING MADE GOOD.

IRONCLIFFE ROAD

CH 1160, CH 1170, CH 1180, CH 1190, CH 1200, CH 1210, CH 1220, CH 1230, CH 1240, CH 1250, CH 1260, CH 1270, CH 1280, CH 1290, CH 1300, CH 1310, CH 1320, CH 1330, CH 1340, CH 1349.87

REINSTATE GRAVEL SHOULDER.
TABLE DRAIN @2:1 SLOPE, 1.2m WIDTH, REAR BATTER SLOPE 2:1. EXISTING FENCE TO BE RELOCATED TO ROAD RESERVE BOUNDARY.

GRADED PIT WITH 2x DRIVEABLE HEADWALLS.

TURN OUT KERB AND CHANNEL TO DRIVEABLE HEADWALL. SHAPED AND LINED WITH 'NO FINES' CONCRETE.

3.6m WIDE SEALED DRIVEWAY AS PER TSD-R09-v3.

INSTALL TYPE 'KC' KERB AND CHANNEL WITH CONCRETE CROSSOVERS AS PER TSD-R14-v3 & TSD-R15-v3 FROM CH1229 TO CH1350. LIP OF KERB TO BE LOCATED ON THE EDGE OF SHOULDER. 0.5m WIDE SHOULDER WILL BE SEALED

INSTALL TYPE 'KC' VEHICLE CROSSOVER AS PER TSD-R14-v3 & TSD-R15-v3.

JOINS TO SECTION 2 SEAL. 6.0m WIDE

JOIN TO EXISTING CONCRETE DRIVEWAY.

304 IRONCLIFFE ROAD
TITLE REFERENCE: 32462/1

309 IRONCLIFFE ROAD
TITLE REFERENCE: 66093/2

313 IRONCLIFFE ROAD
TITLE REFERENCE: 26949/1

314 IRONCLIFFE ROAD
TITLE REFERENCE: 32462/4

SECTION 1 END

REV	AMENDMENTS	DRAWN	DATE	APPR.	THIS SHEET MAY BE PRINTED USING COLOUR AND MAY BE INCOMPLETE IF COPIED
F	PLANS AMENDED AS PER CCC MARKUPS FROM 22/08/2025	GS	10/09/2025	GCL	
E	PLANS AMENDED AS PER CCC MARKUPS FROM 17/03/2025 & 15/4/2025	GS	29/04/2025	GCL	
C	FOOTPATH OPTION 1 - EASTSIDE	GS	03/03/2025	MW	
B	RE-ISSUE AS PART OF THE REVISION OF DRG 103	J.C.	09/07/2024	M.W.	
A	ISSUED FOR CONSTRUCTION	J.C.	09/07/2024	M.W.	

DRAWING STATUS:	DESIGNED:	REVIEWED:	CLIENT:
FOR CONSTRUCTION	J.C	M.W	CENTRAL COAST COUNCIL
COORDINATE/ DATUM:	DRAWN:	REVIEWED:	PROJECT DESCRIPTION:
GDA2020	J.C	A.W	IRONCLIFFE ROAD UPGRADE-SECTIONS 1-3
JOB MANAGER:	ISSUED DATE:	ADDRESS:	DRAWING TITLE:
MARK WESTERBERG	2025-04-11		IRONCLIFFE ROAD, PENGUIN
			LAYOUT PLAN - SECTION 1
			SHEET 7 OF 7

CONTRACT NO.	SCALE	PAPER
---	1:250	(A1)
JOB NUMBER	DISCIPLINE	SHEET
51259MW	- C	- 107 - F

REGISTRATION NUMBER:	REGISTRATION NUMBER:
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