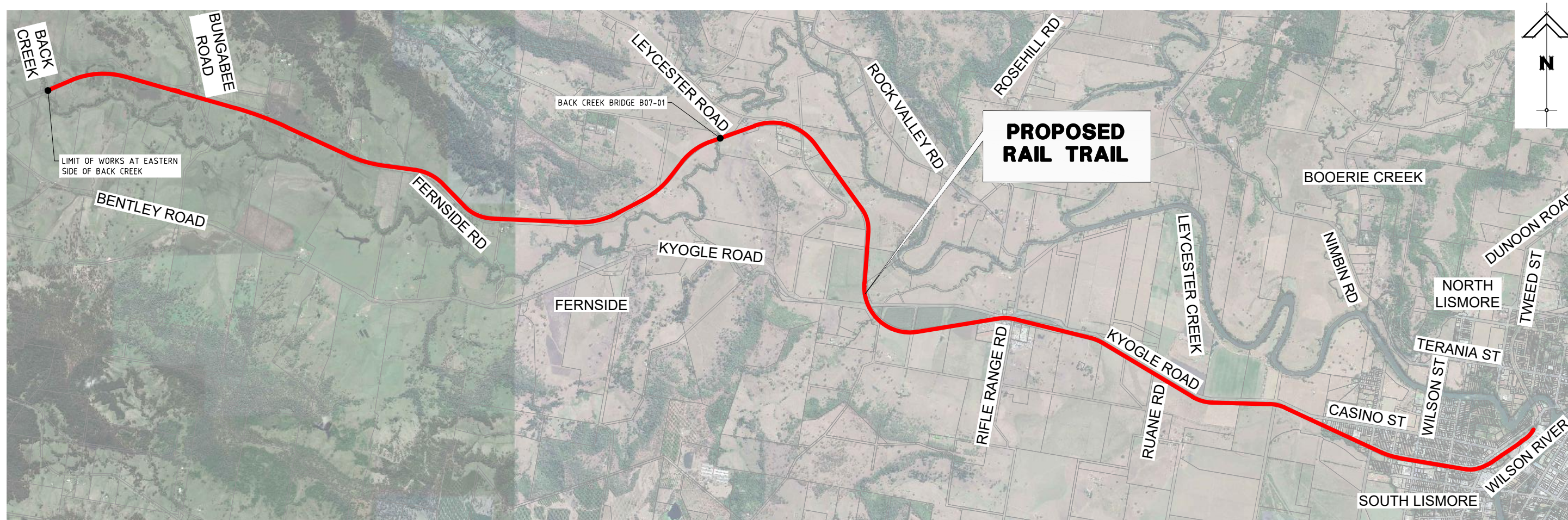


NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE



LOCALITY PLAN

N.T.S.

SCHEDULE OF DRAWINGS	
Drawing No.	Drawing Title
C000	COVER SHEET AND DRAWING SCHEDULE
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C101	TYPICAL CROSS SECTIONS
C102	TYPICAL PAVEMENT DETAILS
C103	TYPICAL ROAD CROSSING DETAILS
C104	LOW LEVEL BYPASS WITH CULVERTS - TYPICAL DETAILS
C105	LOW LEVEL BYPASS WITH BRIDGE - TYPICAL DETAILS
C106	LOW LEVEL DECK TYPICAL DETAILS
C107	BRIDGE CROSSING DETAILS
C108	CHAIN LINK FENCE DETAIL
C200	RAIL TRAIL ALIGNMENT KEY PLAN
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C203	PLAN - SHEET 3
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C210	PLAN - SHEET 10
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C300	RAIL TRAIL ROAD, DRIVEWAY CROSSING KEY PLAN
C301	DRIVEWAY CROSSING PLAN - SHEET 1
C302	DRIVEWAY CROSSING PLAN - SHEET 2
C303	DRIVEWAY CROSSING PLAN - SHEET 3
C304	DRIVEWAY CROSSING PLAN - SHEET 4
C305	DRIVEWAY CROSSING PLAN - SHEET 5
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C406	BRIDGE B02-02, B02-03 PLAN
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C408	BRIDGE B03-01 PLAN AND PROFILE
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C411	BRIDGE B04-01, B04-02 PLAN
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C414	BRIDGE B07-01 PLAN AND PROFILE - SHEET 2
C415	BRIDGE B07-01 PLAN AND PROFILE - SHEET 3
C416	BRIDGE B07-01 CROSS SECTIONS - SHEET 1
C417	BRIDGE B07-01 CROSS SECTIONS - SHEET 2
C418	BRIDGE B07-01 CROSS SECTIONS - SHEET 3
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C439	BRIDGE B14-01 CROSS SECTIONS - SHEET 1
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C447	BRIDGE B15-03, 04, 05 PLAN AND PROFILE OPTION 1 - SHEET 1
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C451	BRIDGE B15-03, 04, 05 CROSS SECTION OPTION 1 - SHEET 1
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C454	BRIDGE B15-03, 04, 05 CROSS SECTION OPTION 1 - SHEET 4
C455	BRIDGE B15-03, 04, 05 CROSS SECTION OPTION 1 - SHEET 5
C456	BRIDGE B15-03, B15-04, B15-05 PLAN OPTION 2

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DATE: 19-07-2023

PROJECT No.: BE220677	DRAWING No.: C000	VERSION: A
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PROJECT SPECIFICATIONS

- ALL DRAWINGS UNDER THIS CONTRACT ARE TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATIONS
- THE TECHNICAL SPECIFICATION PROVIDED AS PART OF THE CONTRACT DOCUMENTATION SHALL PREVAIL TO THE EXTENT OF ANY INCONSISTENCIES WITH OTHER SPECIFICATIONS, STANDARDS, AND GUIDELINES REFERRED TO ON THE DRAWINGS.
- THE NORTHERN RIVERS LOCAL GOVERNMENT DEVELOPMENT DESIGN AND CONSTRUCTION SPECIFICATIONS APPLY TO THIS PACKAGE OF WORK.

DESIGN INTENT

DESIGN AND CONSTRUCTION TO MEET THE FOLLOWING PERFORMANCE REQUIREMENTS:

- FIT FOR PURPOSE DESIGN (LOW EMBELLISHMENT) AND CONSTRUCTION CONSIDERING BUDGETARY CONSTRAINTS, ALLOWING MINOR ON-SITE ADAPTATION AS REQUIRED TO BETTER MEET LOCAL SITE CONDITIONS.
- EXTENT OF EXCAVATION SHALL BE MINIMISED WHEREVER POSSIBLE WHILST MINIMISING TRAIL LONGITUDINAL GRADE (1 IN 4 (V:H) (MAX)).
- HEIGHT OF BATTER EXCAVATIONS SHALL BE ≤600mm UNLESS RETAINING STRUCTURE USED, UNLESS NOTED OTHERWISE (UNO) FOR RAIL FORMATION DEPARTURE RAMPS. STRUCTURAL DESIGN (BY OTHERS) REQUIRED FOR RETAINING STRUCTURES >600mm.
- 1 IN 1.5 (V:H) (MAX) EXCAVATION BATTER. RETAINING STRUCTURE TO BE USED IF POOR SOIL CONDITIONS ARE ENCOUNTERED.
- TRAIL WIDTH TO BE 3.0m WITH 250mm SHOULDERS (BOTH SIDES) WHEREVER POSSIBLE.
- MINIMUM TURNING RADIUS OF 2m FOR TURNS >90°. WHERE THIS CANNOT BE ACHIEVED, LOCALISE TRAIL WIDENING OR 3m (MIN) TURNING PLATFORM SHALL BE PROVIDED

GENERAL NOTES

- ALL WORKS ARE TO COMPLY WITH THESE DRAWINGS UNLESS OTHERWISE AGREED WITH THE PRINCIPAL'S AUTHORISED PERSON
- ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE NEW SOUTH WALES *WORK HEALTH AND CONSTRUCTION SAFETY ACT*, REGULATIONS AND GUIDELINES.
- UNLESS SPECIFIED OTHERWISE, ALL MATERIALS AND WORK SHALL COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS AND STATUTORY REGULATIONS.
- SETOUT CO-ORDINATES/DIMENSIONS ARE TO BE CONFIRMED ON SITE BY THE CONSTRUCTION TEAM PRIOR TO COMMENCING WORK. DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWINGS. WHERE DIMENSIONS CANNOT BE DETERMINED FROM THE DRAWINGS, CLARIFICATION SHALL BE SOUGHT FROM THE PRINCIPAL'S AUTHORISED PERSON PRIOR TO COMMENCING WORK.
- ANY DISCREPANCY SHALL BE REFERRED TO THE PRINCIPAL'S AUTHORISED PERSON BEFORE PROCEEDING WITH ANY WORK. NO SUBSTITUTE MATERIALS SHALL BE USED WITHOUT PRIOR APPROVAL OF THE PRINCIPAL'S AUTHORISED PERSON.
- THE CONSTRUCTION TEAM SHALL MAKE THEMSELVES FULLY CONVERSANT WITH ALL EXISTING STRUCTURES AND SERVICES WITHIN AND ADJACENT TO THE SITE OF THE WORK AND PLAN THE WORK ACCORDINGLY. ANY DAMAGE TO BE REPORTED TO THE PRINCIPAL'S AUTHORISED PERSON AS SOON AS THE CONTRACTOR BECOMES AWARE OF SUCH.
- WHERE PROPRIETARY ITEMS ARE SPECIFIED ON THE DRAWINGS, ALTERNATIVES MAY BE USED IF APPROVED BY THE PRINCIPAL'S AUTHORISED PERSON, PROPRIETARY ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS' SPECIFICATIONS.
- WHERE EXISTING ACCESS TRACKS ARE AFFECTED BY THE WORKS, THE ACCESS TRACKS SHALL BE RE-ESTABLISHED, AS A MINIMUM, TO THE PRE-WORKS CONDITION TO THE SATISFACTION OF THE PRINCIPAL'S AUTHORISED PERSON.
- MODIFICATION TO TRAIL DETAILS AND ROUTE ALIGNMENT CAN BE UNDERTAKEN DURING CONSTRUCTION TO BETTER SUIT LOCAL SITE CONDITIONS UNDER THE DIRECTION OF THE PRINCIPAL'S AUTHORISED PERSON
- THE CONSTRUCTION TEAM SHALL NOT ENTER ADJACENT LANDHOLDER PROPERTIES UNLESS PRIOR APPROVAL HAS BEEN GRANTED
- TEMPORARY FENCING IS TO BE INSTALLED AS REQUIRED WHERE WORKS IMPACT ON EXISTING FENCES PRIOR TO REINSTATEMENT TO THE SATISFACTION OF THE PRINCIPAL'S AUTHORISED PERSON OR INSTALLATION OF PERMANENT REPLACEMENT INFRASTRUCTURE (GATES, ETC).
- ACCESS TRAILS AND ASSOCIATED INFRASTRUCTURE MUST BE CONSTRUCTED TOTALLY WITHIN THE RAIL CORRIDOR UNLESS OTHERWISE NOTED
- RESTORE EXISTING ROADS, DRAINAGE WORKS AND OTHER INFRASTRUCTURE ITEMS TO THEIR ORIGINAL OR SPECIFIC CONDITIONS UPON COMPLETION OF THE WORKS.

SURVEY NOTES

- ALL DIMENSIONS ARE IN METRES, UNLESS NOTED OTHERWISE (UNO). ALL LEVELS IN AHD UNO.
- ALL SETOUT POINTS ARE PROVIDED IN THE MGA ZONE 56 COORDINATE SYSTEM

ENVIRONMENTAL MANAGEMENT AND APPROVALS NOTES

- THE CONTRACTOR IS TO CONFORM TO THE ENVIRONMENTAL REQUIREMENTS DESCRIBED IN THE CONTRACT DOCUMENTS, IN PARTICULAR THE REVIEW OF ENVIRONMENTAL FACTORS (REF)
- THE CONTRACTOR SHALL PREPARE AND IMPLEMENT A CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (CEMP) FOR ALL WORKS AS DESCRIBED IN THE REF. COPIES OF THE CEMP MUST BE PROVIDED TO THE PRINCIPAL'S AUTHORISED PERSON PRIOR TO CONSTRUCTION.
- BEFORE COMMENCING CONSTRUCTION WORK, ALL NECESSARY ENVIRONMENTAL APPROVALS RELATING TO WORKS WITHIN WATERWAYS AND VEGETATION DISTURBANCE SHALL BE OBTAINED BY COUNCIL
- THE CONSTRUCTION TEAM SHALL ENSURE THAT THE WORKS ARE COMPLETED IN STRICT ACCORDANCE WITH THE CONDITIONS IN ANY ENVIRONMENTAL APPROVALS AND ANY FUTURE AMENDMENTS TO THESE APPROVALS.
- THE WORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL PLAN (ESC PLAN) DEVELOPED FOR THE WORKS. THE ESC PLAN DETAILS MANAGEMENT STRATEGIES FOR SEDIMENT CONTROL DURING CONSTRUCTION. THE ESC PLAN SHALL BE DEVELOPED IN ACCORDANCE WITH THE BEST PRACTICE EROSION AND SEDIMENT CONTROL DOCUMENT (IECA, 2008). THIS SHALL INCLUDE CONTROLS AND MANAGEMENT STRATEGIES FOR INSTREAM WORKS.
- THE DISTURBANCE AREAS ASSOCIATED WITH EACH CONSTRUCTION AREA SHALL BE CONFIRMED WITH COUNCIL PRIOR TO COMMENCING WORKS. ALL CONSTRUCTION ACTIVITIES INCLUDING LAYDOWN AREAS AND STOCKPILES MUST BE CONSTRUCTED WITHIN THE DISTURBANCE AREA.
- LAYDOWN AREAS AND STOCKPILES SHALL NOT BE LOCATED WITHIN THE BED AND BANKS OF THE WATERWAYS.
- NO AREAS OUTSIDE OF THE DESIGNATED WORK AREAS WILL BE DISTURBED WITHOUT PRIOR APPROVAL FROM THE PRINCIPAL'S AUTHORISED PERSON.

EARTHWORKS NOTES

EW1 - CLEARING AND GRUBBING

- CLEARING, STRIPPING AND GRUBBING SHALL BE CARRIED OUT IN AREAS SUBJECT TO EARTHWORKS TO A MINIMUM DEPTH OF 100mm OR AS OTHERWISE DETAILED ON THE DRAWINGS. ALL SOIL CONTAINING ORGANIC MATTER SHALL BE STRIPPED FROM THE WORKS AREA AND DISPOSED OF, STOCKPILED FOR FUTURE SITE REHABILITATION OR USED AS TOPSOIL.

EW2 - MATERIAL SPECIFICATION - SELECT FILL

- ALL MATERIALS USED AS FILL SHALL BE FREE FROM DELETERIOUS MATTER.
- TESTING OF MATERIAL TO BE UNDERTAKEN BY A NATA REGISTERED ORGANISATION.
- NO MATERIAL CONTAINING THE FOLLOWING MAY BE USED:
 - VEGETABLE MATTER
 - RAILWAY CONTAMINATES INCLUDING DOG SPIKES, BARBED WIRE AND SIMILAR MATERIAL
 - ORGANIC CLAYS OR SILTS
 - ASHES, COAL OR THE LIKE
 - DISPERSIVE SOIL.
- IT IS ASSUMED THAT EARTH FILL SOURCED FROM THE EXISTING RAIL FORMATION SATISFIES THE REQUIREMENTS OF SELECT FILL

EW3 - PLACING AND COMPACTING OF SELECT FILL

- THE SELECT FILL SHOULD BE PLACED IN UNIFORM LAYERS OVER THE FULL WIDTH OF THE EXCAVATIONS WITH THE LAYERS NOT EXCEEDING 150mm THICKNESS, LOOSELY PLACED.
- IF THE SURFACE OF ANY LAYER IS SMOOTH (OR AT THE BEGINNING OF A NEW DAYS WORK), IT SHALL BE SCARIFIED TO A DEPTH OF 30mm PRIOR TO PLACEMENT OF THE NEXT LAYER.
- EACH LAYER OF FILL MATERIAL SHALL BE COMPACTED WITH APPROPRIATE EQUIPMENT GIVEN SITE ACCESS CONDITIONS
- SELECT FILL SHALL BE COMPACTED TO NOT LESS THAN 95% OF STANDARD MAXIMUM DRY DENSITY (SMDD) AND ± 2% OF OPTIMUM MOISTURE CONTENT (OMC). TESTING SHALL BE UNDERTAKEN IN ACCORDANCE WITH COUNCIL'S STANDARD PROTOCOLS.

DUMPED ROCK NOTES

DR1 - DUMPED ROCK GRADING

- THE RIP RAP SHALL BE WELL GRADED AND SHALL CONFORM WITH THE GRADING REQUIREMENTS SPECIFIED ON THE DRAWINGS

DR2 - QUALITY OF MATERIAL

- ROCK SHALL BE CLEAN, HARD, DENSE AND DURABLE IGNEOUS OR METAMORPHIC ROCKS.
- ROCK SHALL BE RESISTANT TO WEATHERING, FREE FROM OVERBURDEN, SPOIL, SHALE AND ORGANIC MATTER.
- ROCK THAT IS LAMINATED, FRACTURED, POROUS, WITH DISCONTINUITIES OR OTHERWISE PHYSICALLY WEAK, SHALL NOT BE USED.
- SEDIMENTARY ROCKS SHALL NOT BE USED.
- THE BREADTH OR THICKNESS OF A SINGLE STONE SHALL BE NOT LESS THAN ONE-THIRD ITS LENGTH.

DR3 - METHOD OF PLACEMENT OF DUMPED ROCK

- DUMPED ROCK SHALL BE PLACED IN SUCH A MANNER AS TO PRODUCE A WELL-GRADED MASS OF ROCK WITH THE MINIMUM PRACTICABLE PERCENTAGE OF VOIDS.
- REARRANGING OF INDIVIDUAL STONES WILL BE REQUIRED TO THE EXTENT NECESSARY TO OBTAIN A WELL-GRADED DISTRIBUTION OF STONE SIZES AS SPECIFIED ABOVE. HOWEVER, MANIPULATING STONE BY MEANS OF DOZERS OR OTHER BLADE EQUIPMENT SHALL NOT BE PERMITTED.
- THE FINAL SURFACE SHALL BE SMOOTH WITH NO VOIDS GREATER THAN 50mm PRESENT BETWEEN ROCKS
- UNLESS SPECIFIED OTHERWISE ON THE DRAWINGS, ROCK SHALL BE PLACED TO A MINIMUM THICKNESS 2 TIMES THE MEDIAN DIAMETER (I.E. d50).
- IN NO CASE IS ROCK TO BE DROPPED ONTO THE GEOTEXTILE. IF LARGE ROCK IS DROPPED ONTO THE GEOTEXTILE, THE GEOTEXTILE SHALL BE INSPECTED FOR DAMAGE AND REPAIRED TO THE SATISFACTION OF THE PRINCIPAL'S AUTHORISED PERSON.

GEOTEXTILE UNDERLAY NOTES

- GEOTEXTILE SHALL BE INSTALLED AT ALL ROCK AND PREPARED SOIL INTERFACES UNLESS BED LEVEL CROSSINGS ARE BEING CONSTRUCTED IN NATURAL COBBLED WATERWAYS UTILISING LOCALLY SOURCED MATERIAL.
- GEOTEXTILE FABRIC SHALL BE NON-WOVEN, NEEDLE-PUNCHED PRODUCT CONSISTING OF STRONG, ROT-PROOF POLYMETRIC YARN OR FIBRES
- LAPPING AND STAPLING OF THE GEOTEXTILE SHALL BE IN ACCORDANCE WITH THE MANUFACTURER 'S DIRECTIONS.

REVEGETATION NOTES

- TOPSOIL APPLICATION AND SEEDING SHALL BE UNDERTAKEN ON ALL DISTURBED SURFACES.
- TOPSOIL CONSISTS OF SURFACE SOIL AND VEGETABLE MATTER STRIPPED FROM EARTHWORKS AS SPECIFIED ON THE DRAWINGS, FREE FROM:
 - ANY SUBSTANCES CONSIDERED DELETERIOUS TO PLANT GROWTH
 - NOXIOUS WEED SPECIES
- TOPSOIL SHALL BE SPREAD ON ALL AREAS TO BE REVEGETATED TO A THICKNESS OF 50mm
- SEEDING, FERTILISING AND WATERING SHALL BE UNDERTAKEN IN ACCORDANCE WITH COUNCIL SPECIFICATIONS

ISSUE FOR TENDER

**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



A1 ORIGINAL SIZE BEFORE REDUCTION

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PROJECT:
**NORTHERN RIVERS
RAIL TRAIL - BENTLEY
TO LISMORE**

DRAWING TITLE:
GENERAL NOTES

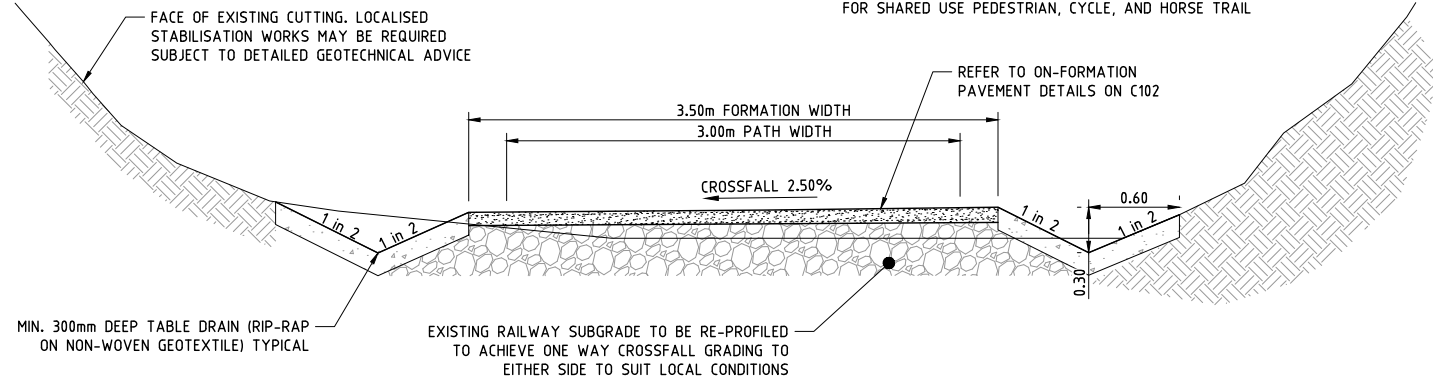
DEVEL. APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No. : 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.:	DRAWING No.:
BE220677	C100
	VERSION: A

NOTES:

PROVIDE SEPARATE BRIDLE TRAIL WITHIN CUTTINGS WHERE SPACE PERMITS OTHERWISE MAXIMISE WIDTH TO ALLOW FOR SHARED USE PEDESTRIAN, CYCLE, AND HORSE TRAIL

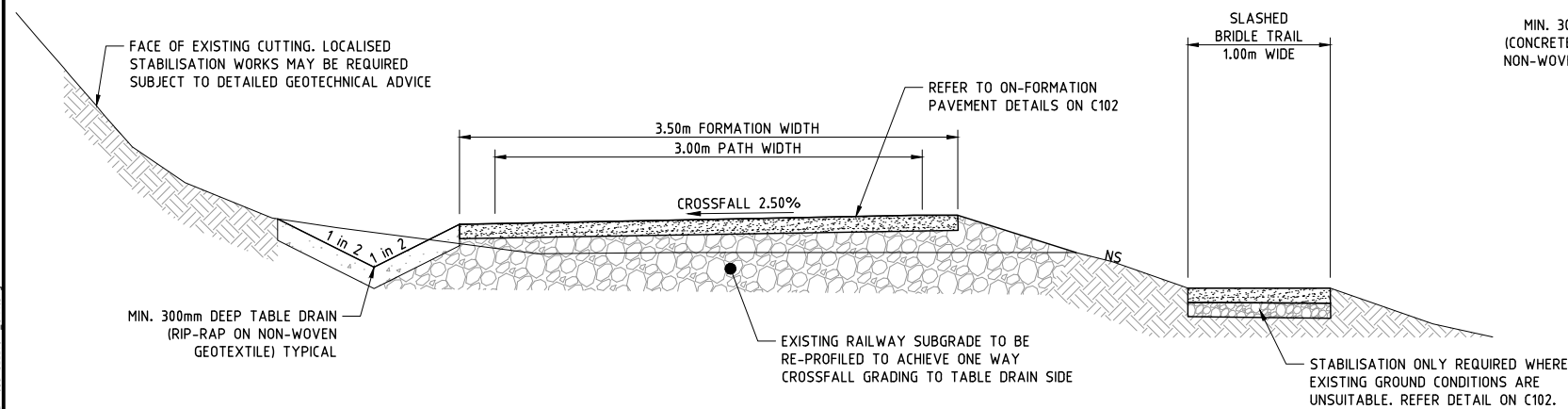
RAIL TRAIL NOTES

- RAILS TO BE STOCKPILED OR DISPOSED OF AS PER THE SPECIFICATIONS.
- SLEEPERS TO BE RE-USED FOR LANDSCAPING OR DISPOSED OF AS PER THE SPECIFICATIONS.
- BARRIER FENCES TO BE INSTALLED WHERE REQUIRED IN ACCORDANCE WITH FIGURE 5.10 AUSTRROADS GUIDE TO ROAD DESIGN PART 6A.



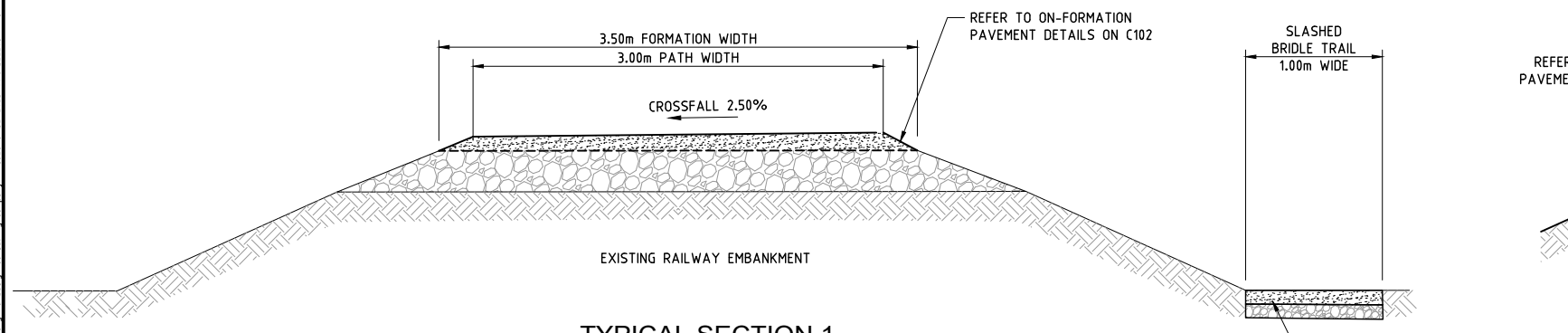
TYPICAL SECTION 3
PROPOSED RAIL TRAIL THROUGH EXISTING CUTTING ON BOTH SIDES

SCALE 0.5 0 0.5 1.0 (metres)
1: 25 (FULL SIZE)



TYPICAL SECTION 2
PROPOSED RAIL TRAIL THROUGH EXISTING CUTTING ON ONE SIDE

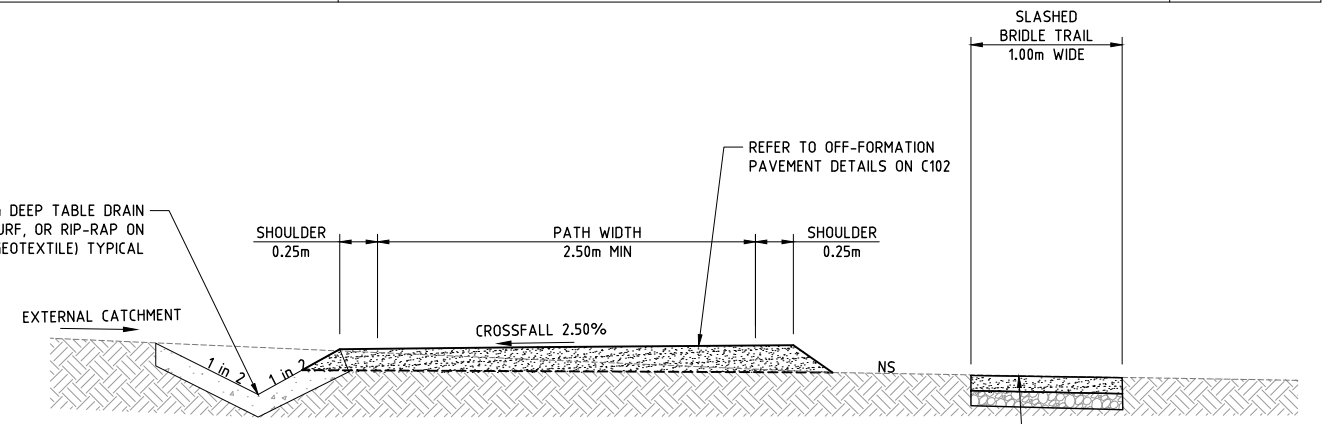
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TYPICAL SECTION 1
PROPOSED RAIL TRAIL ON EXISTING RAILWAY FORMATION

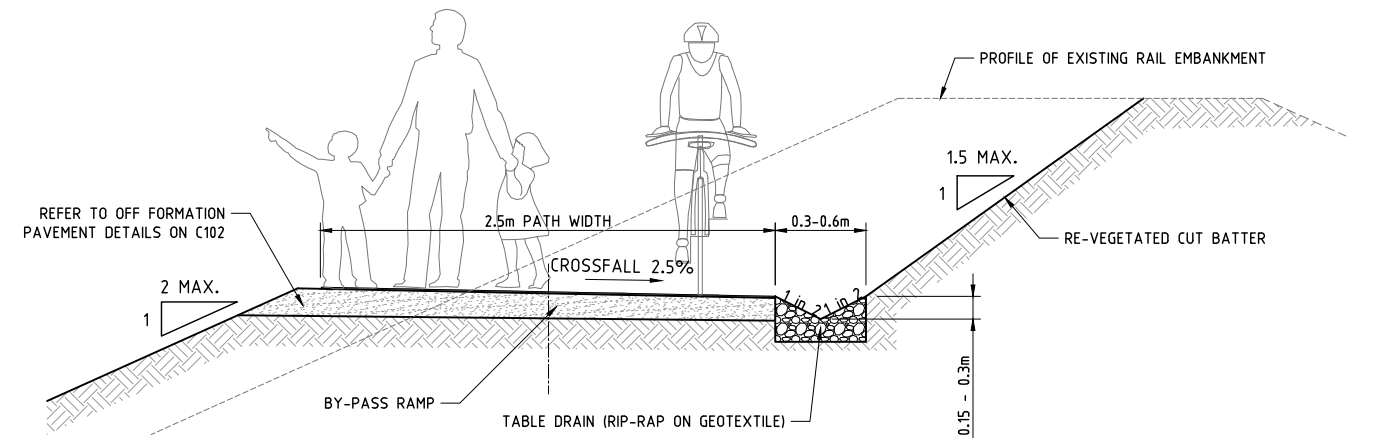
SCALE 0.5 0 0.5 1.0 (metres)
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SCHEDULE OF TYPICAL CROSS SECTION LOCATIONS			
TYPICAL SECTION	DESCRIPTION	APPLICABLE CHAINAGES (APPROX..)	TOTAL LENGTH (APPROX.)
1	RAIL TRAIL ON EXISTING RAILWAY EMBANKMENT	CH0-CH4370, CH4520-CH4720, CH4870- CH5570, CH5670-CH6170, CH6420-CH7370, CH7870-CH8870, CH8970-CH15370, CH15970-CH END	13175m
2	RAIL TRAIL THROUGH EXISTING CUTTING (ONE SIDE)	CH4720-CH4870, CH5570-CH5670, CH7510	250m
3	RAIL TRAIL THROUGH EXISTING CUTTING (BOTH SIDES)	CH4370-CH4520, CH6170-CH6420, CH7370-CH7510-CH7870, CH8870-CH8970	1000m
4	RAIL TRAIL ON NATURAL GROUND (OFF RAIL FORMATION)	CH210-CH310, CH3680-CH3790, CH6970- CH7390, CH9930-CH10180, CH10640- CH10880, CH13680-CH13790, CH13890 - CH14220, CH14780-CH14910, CH15350- CH15980	2320m
5	RAIL TRAIL TRANSITION ON/OFF RAILWAY FORMATION	CH190-CH210, CH310-CH330, CH3660-CH3680, CH3790-CH3810, CH7150-CH6970, CH7390-CH7410, CH9910-CH9930, CH10180 - CH10200, CH10620 - CH10640, CH10890 - CH10900, CH13660 - CH13680, CH13790 - CH13810, CH13870 - CH13890, CH14220-CH14240, CH14760-CH14780, CH14920 - CH14930, CH15330 - CH15350, CH15980 - CH16000	360m



TYPICAL SECTION 5
PROPOSED RAIL TRAIL ON NATURAL GROUND

SCALE 0.5 0 0.5 1.0 (metres)
1: 25 (FULL SIZE)



TYPICAL SECTION 4
TRANSITION ON/OFF EXISTING RAILWAY FORMATION

SCALE 0.5 0 0.5 1.0 (metres)
1: 25 (FULL SIZE)

ISSUE FOR TENDER

NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL



A1 ORIGINAL SIZE BEFORE REDUCTION

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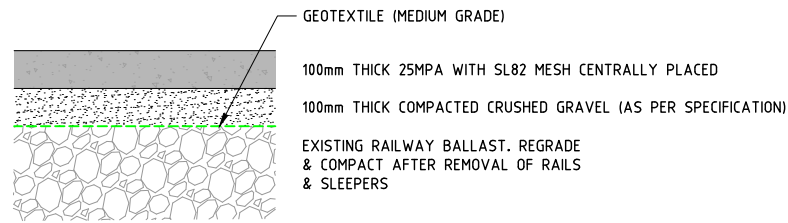
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Coote Burchills Engineering Pty Ltd
ABN 76 166 942 365

PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

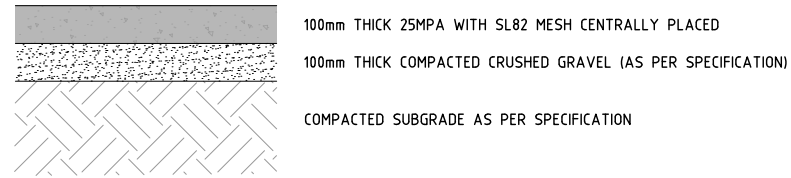
DRAWING TITLE:
TYPICAL CROSS SECTIONS

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No. : 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C101
	VERSION: A

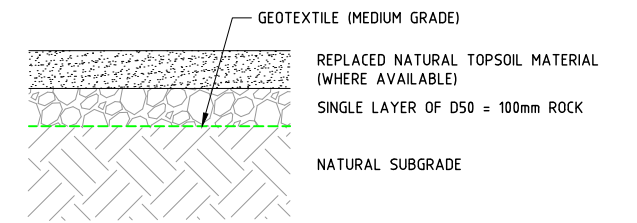
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ON-FORMATION SECTION

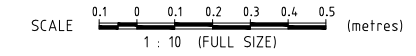
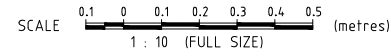


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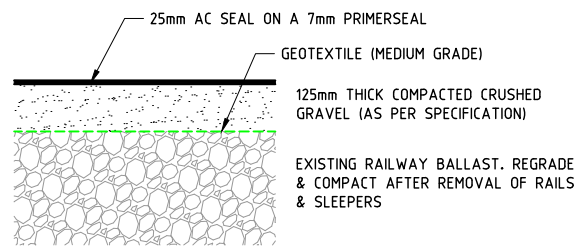
STABILISED BRIDLE TRAIL

CONCRETE PAVEMENT DETAIL

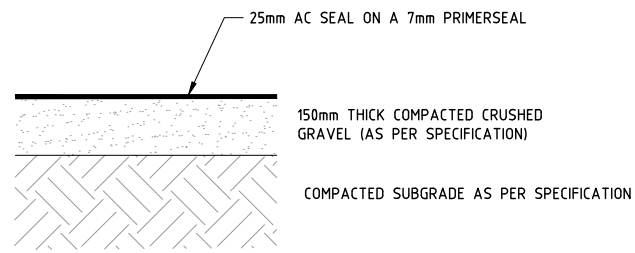


NOTES:

NOTE: ONLY REQUIRED WHERE NATURAL GROUND IS UNSUITABLE

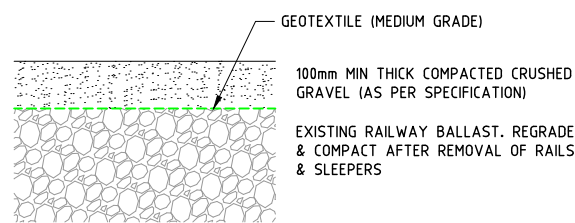
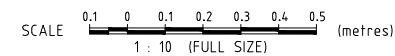


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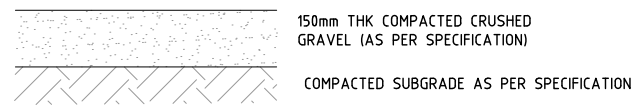


OFF-FORMATION SECTION

SEALED PAVEMENT SECTIONS

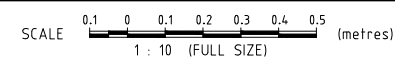


ON-FORMATION SECTION



OFF-FORMATION SECTION

UNSEALED PAVEMENT SECTIONS



ISSUE FOR TENDER

**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



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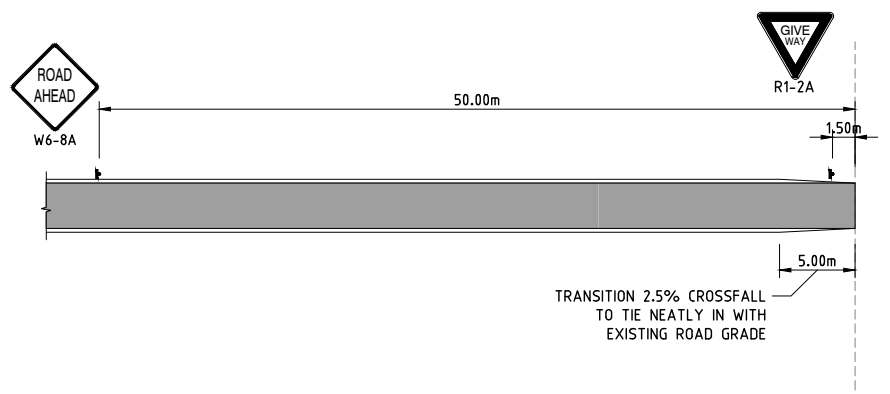
PROJECT:
**NORTHERN RIVERS
RAIL TRAIL - BENTLEY
TO LISMORE**

DRAWING TITLE:
**TYPICAL PAVEMENT
DETAILS**

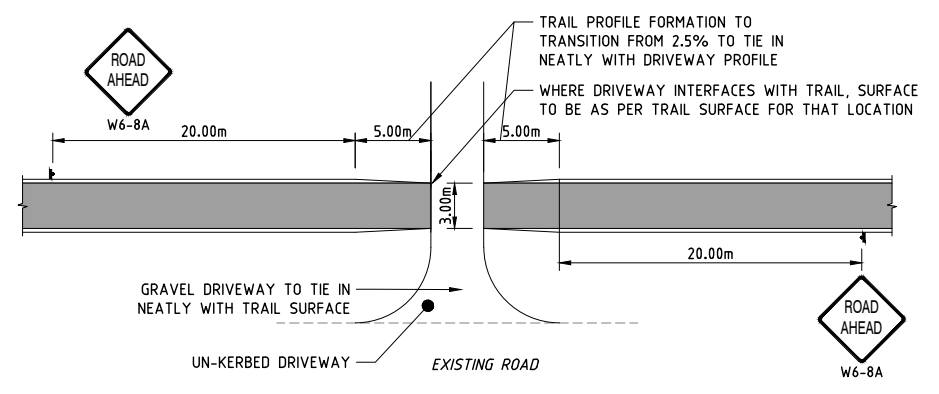
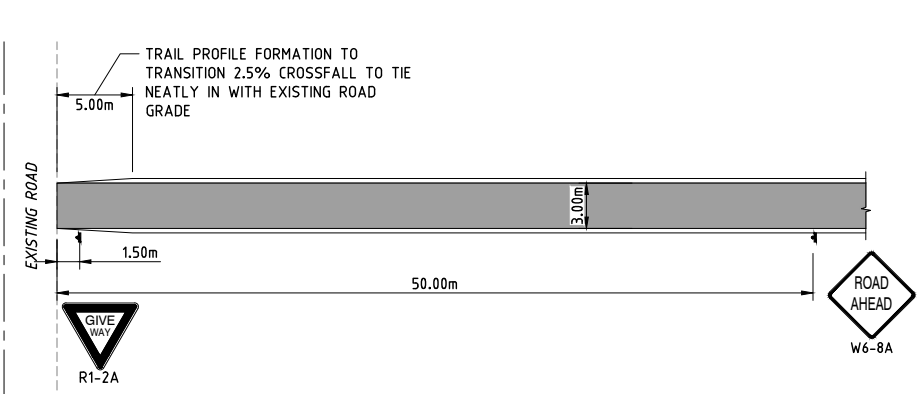
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PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU	
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT	
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365		
RPEQ No. : 8093		
SCALE:	DATUM: AHD	FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C102	VERSION: A

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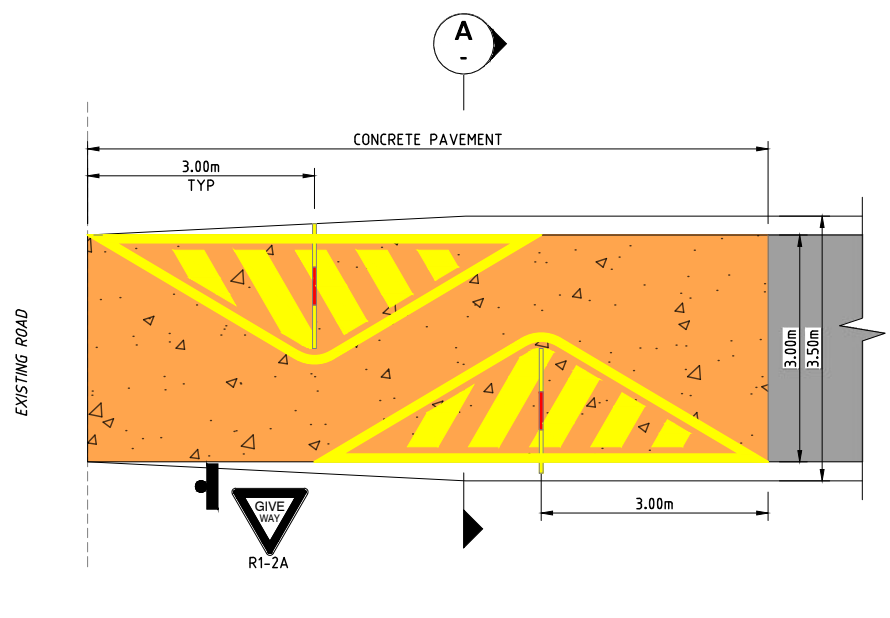
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 PLOTTED: 27 Sep 2023



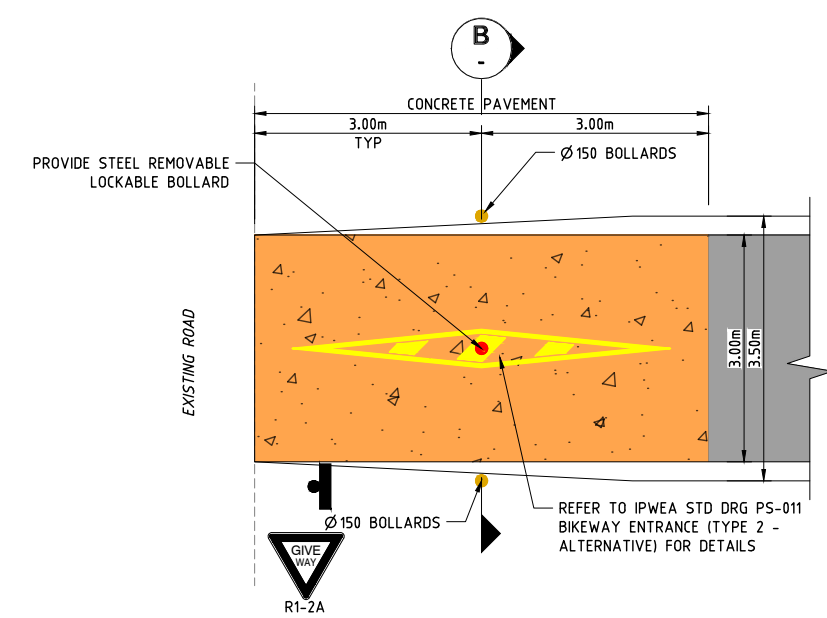
**ROAD CROSSING
PLAN VIEW**
SCALE 1:250



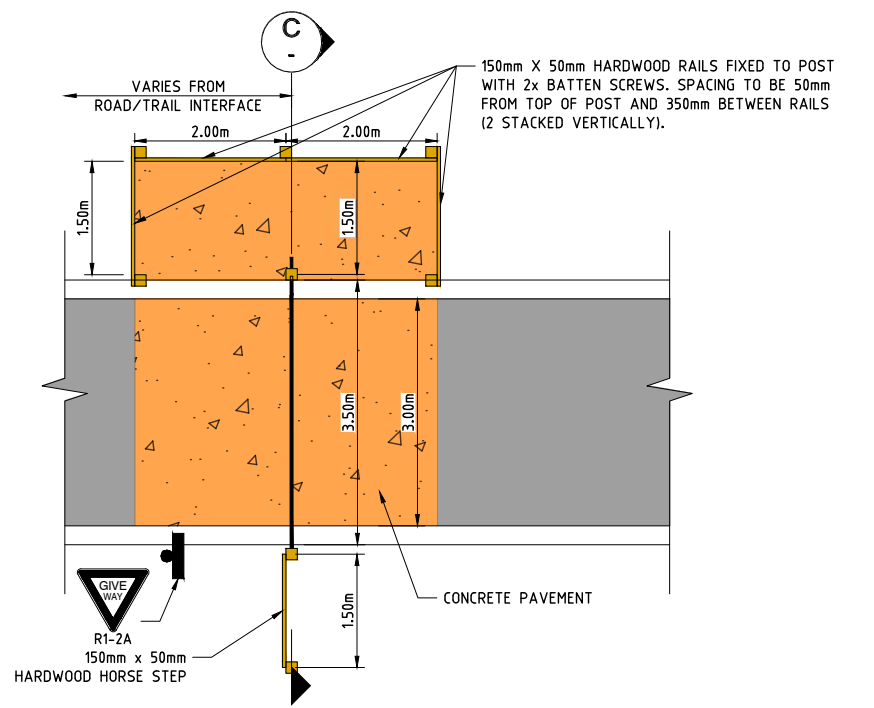
**DRIVEWAY CROSSING
PLAN VIEW**
SCALE 1:250



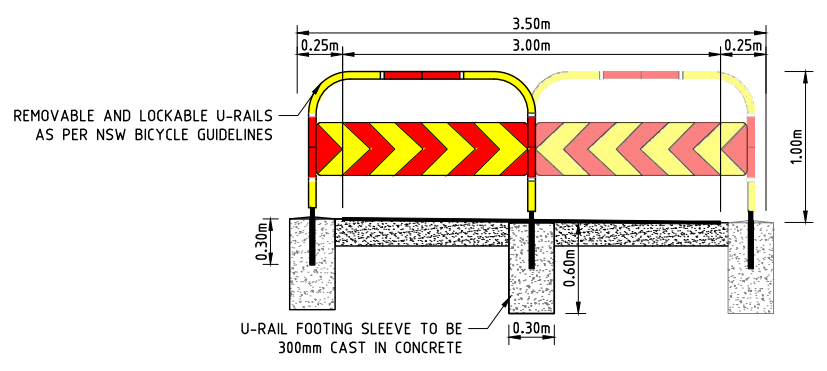
ACCESS CONTROL TYPE 1
SCALE 1:50



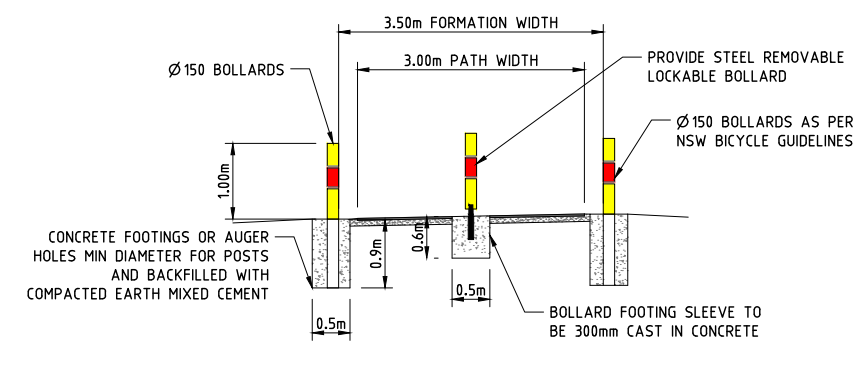
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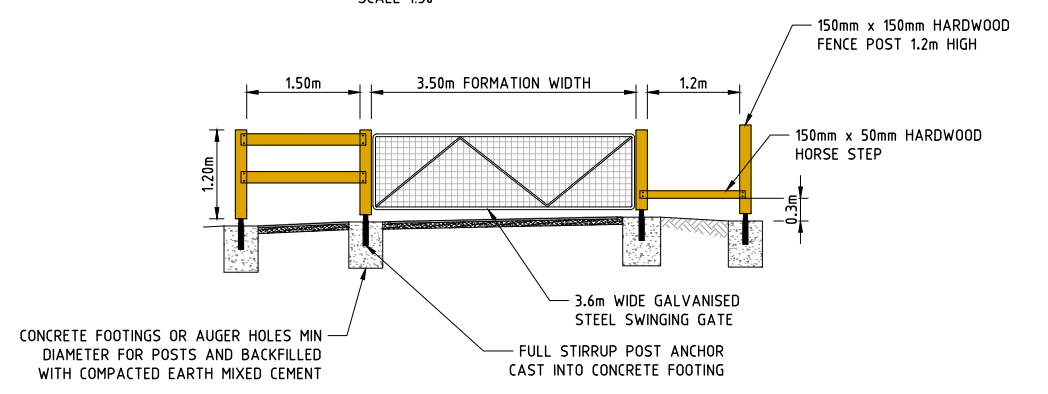
ACCESS CONTROL TYPE 3
SCALE 1:50



SECTION A
SCALE 1:25



SECTION B
SCALE 1:50



SECTION C
SCALE 1:50

ISSUE FOR TENDER

**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



A1 ORIGINAL SIZE BEFORE REDUCTION

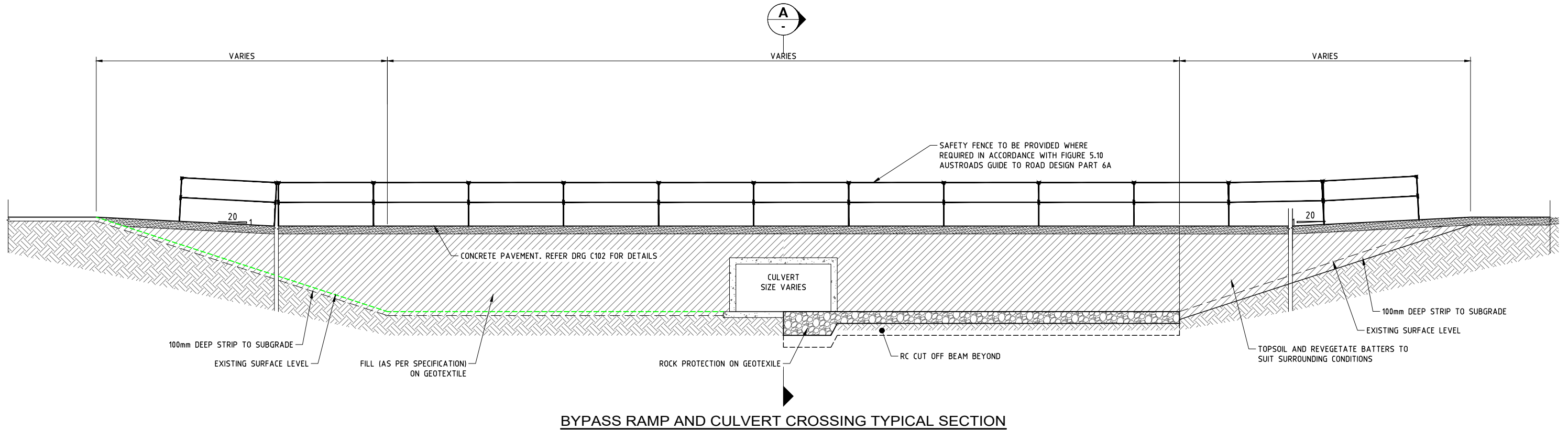
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PROJECT:
**NORTHERN RIVERS
RAIL TRAIL - BENTLEY
TO LISMORE**

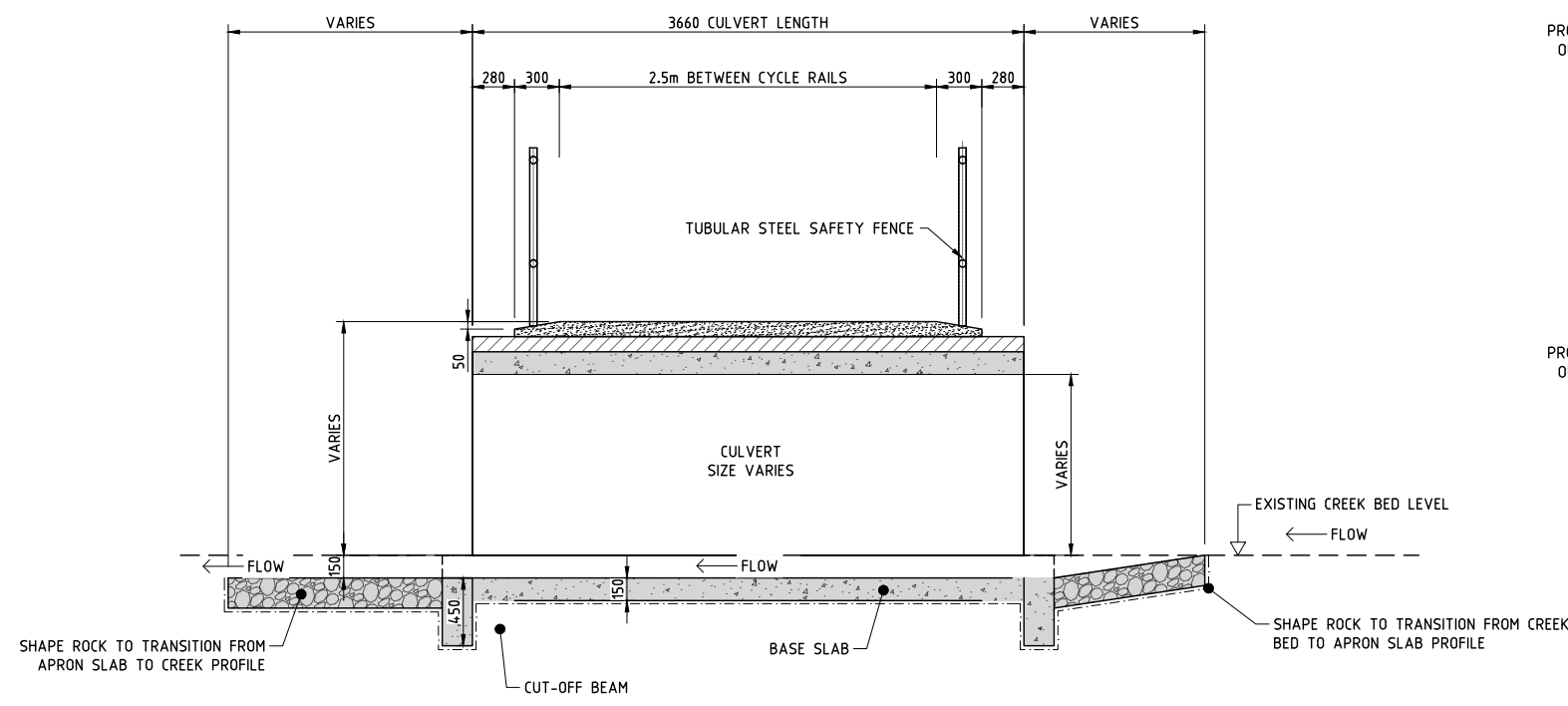
DRAWING TITLE:
**TYPICAL ROAD
CROSSING DETAILS**

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C103
	VERSION: A

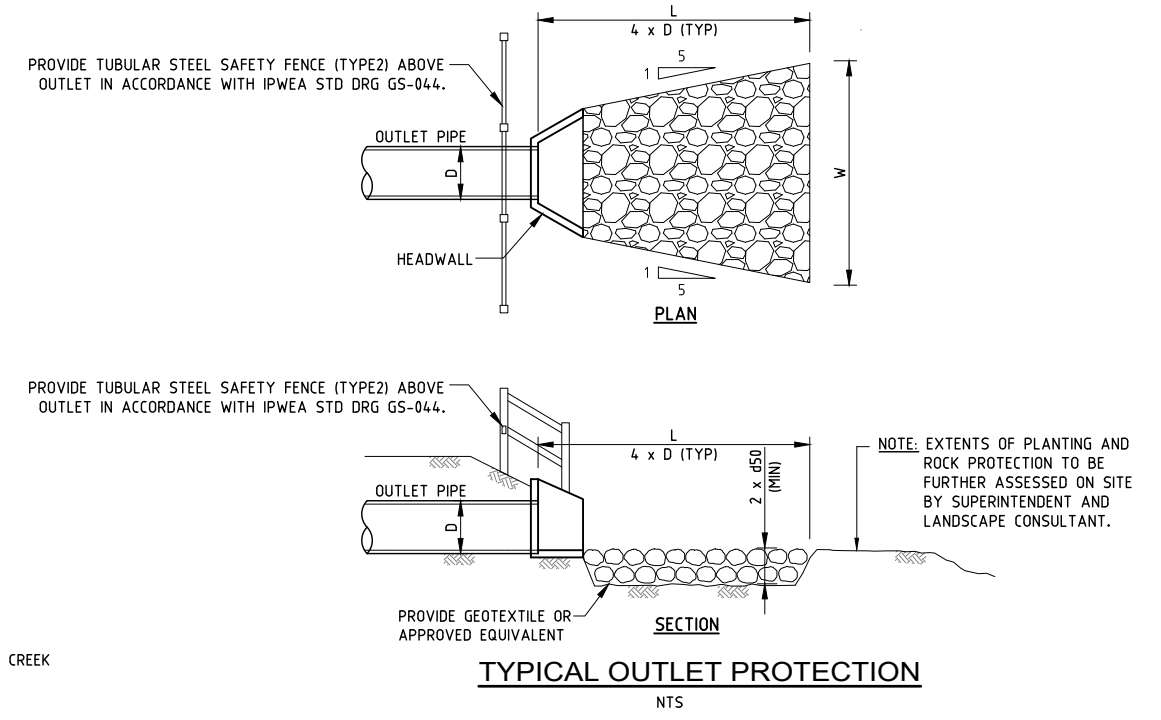


BYPASS RAMP AND CULVERT CROSSING TYPICAL SECTION

SCALE 1:50 (FULL SIZE) (metres)



SECTION A
SCALE 1:25



TYPICAL OUTLET PROTECTION
NTS

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**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
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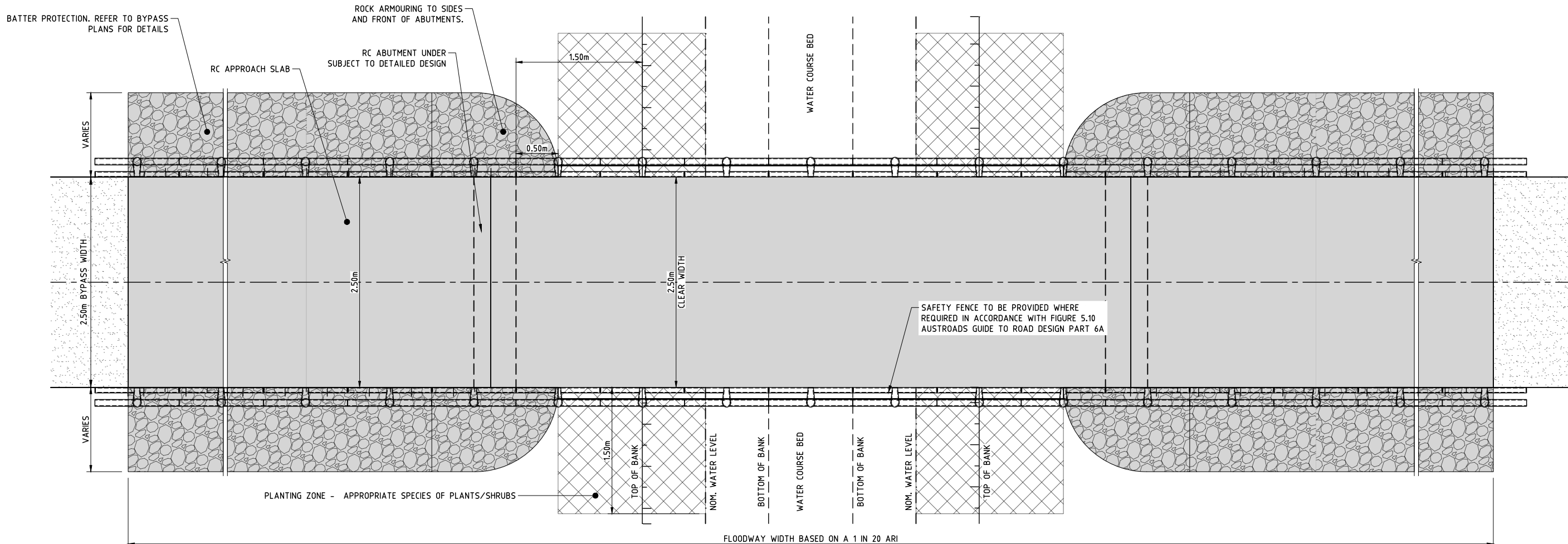
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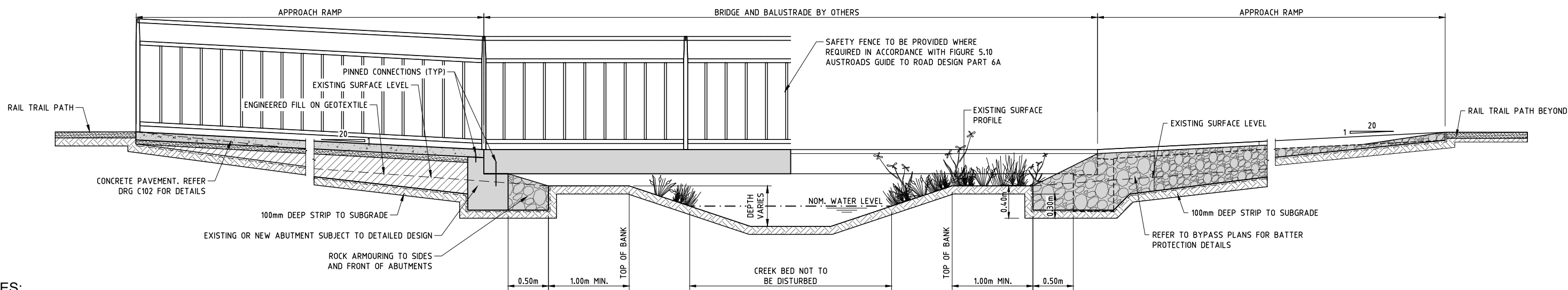
DRAWING TITLE:
**LOW LEVEL BYPASS
WITH CULVERTS -
TYPICAL DETAILS**

DEVEL APPLIC. No.:		DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU	
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT	
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365		
RPEQ No.: 8093		
SCALE:	DATUM: AHD	FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C104	VERSION: A

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TYPICAL LOW LEVEL BRIDGE PLAN



LOW LEVEL BRIDGE TYPICAL SECTION

NOTES:
 BRIDGE DETAILS ARE INDICATIVE ONLY AND ARE SUBJECT TO DETAILED DESIGN. REFER TO THE PROJECT SPECIFICATION FOR BRIDGE DESIGN REQUIREMENTS.

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**NORTHERN RIVERS RAIL TRAIL
 BENTLEY TO LISMORE
 FOR
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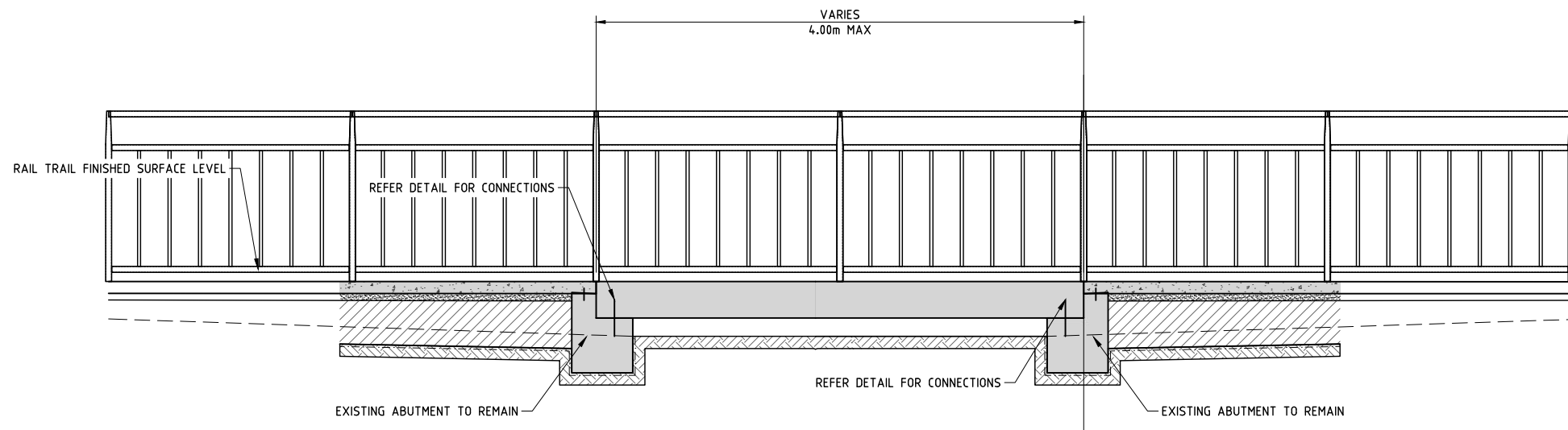
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PROJECT:
**NORTHERN RIVERS
 RAIL TRAIL - BENTLEY
 TO LISMORE**

DRAWING TITLE:
**LOW LEVEL BYPASS
 WITH BRIDGE - TYPICAL
 DETAILS**

DEVEL. APPLIC. No.:		DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU	
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT	
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365		
RPEQ No. : 8093		
SCALE:	DATUM: AHD	FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C105	VERSION: A

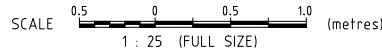
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 PLOTTED: 27 Sep 2023



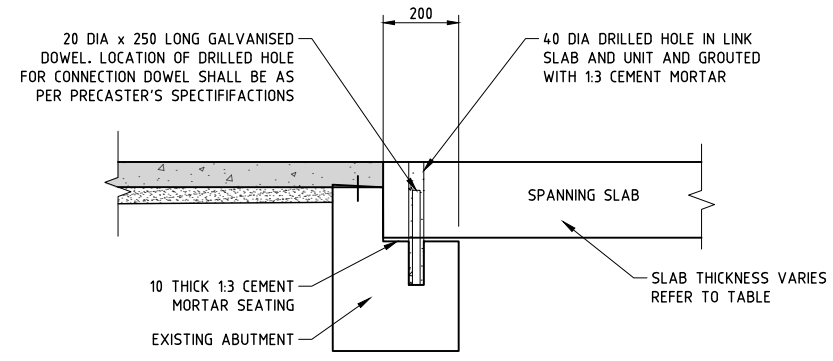
PRECAST CONCRETE DECK TYPICAL DETAILS

NOTES:

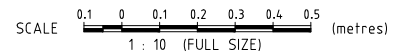
BRIDGE DETAILS ARE INDICATIVE ONLY AND ARE SUBJECT TO DETAILED DESIGN. REFER TO THE PROJECT SPECIFICATION FOR BRIDGE DESIGN REQUIREMENTS.



SLAB WIDTH (m)	THICKNESS (mm)
<1.6	185
1.6 TO 2.5	200
2.5 TO 2.8	240
2.8 TO 3.4	260
3.4 TO 4.0	300



CONNECTION DETAILS



ISSUE FOR TENDER

**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



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ABN 76 166 942 365

PROJECT:
**NORTHERN RIVERS
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TO LISMORE**

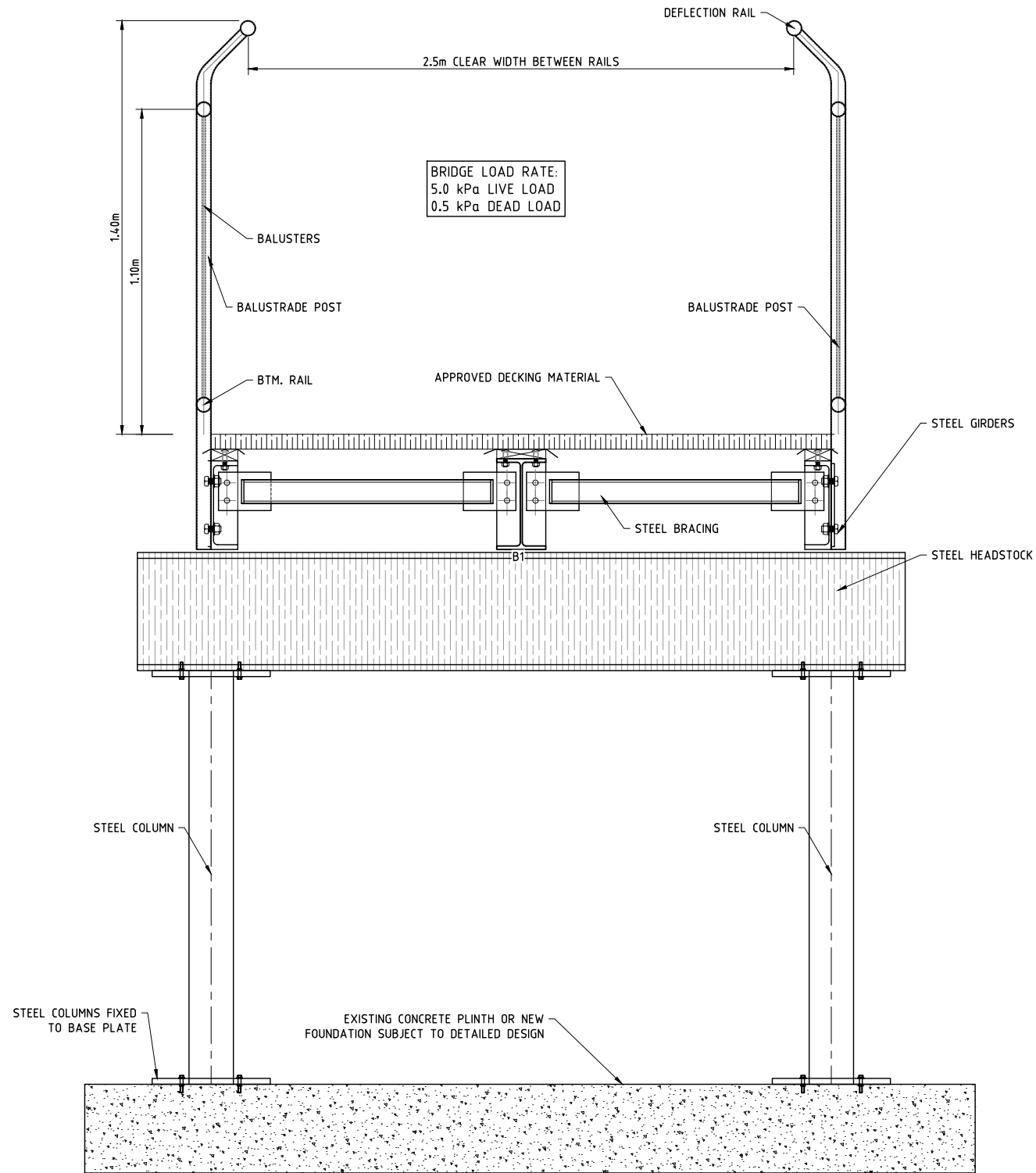
DRAWING TITLE:
**LOW LEVEL DECK
TYPICAL DETAILS**

DEVEL APPLIC. No.:	DATE: 19-07-2023	
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU	
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT	
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365		
RPEQ No.: 8093		
SCALE:	DATUM: AHD	FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C106	VERSION: A

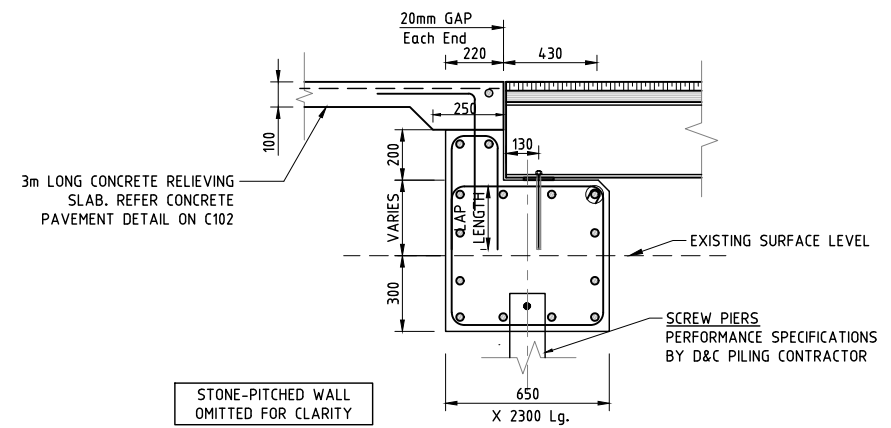
PLOTTED: 27 Sep 2023 FILENAME: D:\OneDrive - Dong Vu Design Consulting Company\PROJECTS\BE_2023\A01_BE220677 Northern Rivers Rail Trail - Bentley to Lismore\Asst\BE220677_C106.dwg

NOTES:

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**TYPICAL CROSS SECTION
STEEL BRIDGE REPLACEMENT
OF EXISTING TIMBER RAIL BRIDGE**
SCALE N.T.5



ABUTMENT TYPICAL SECTION

SCALE 0.1 0 0.1 0.2 (metres)
1 : 5 (FULL SIZE)

ISSUE FOR TENDER

**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



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ABN 76 166 942 365

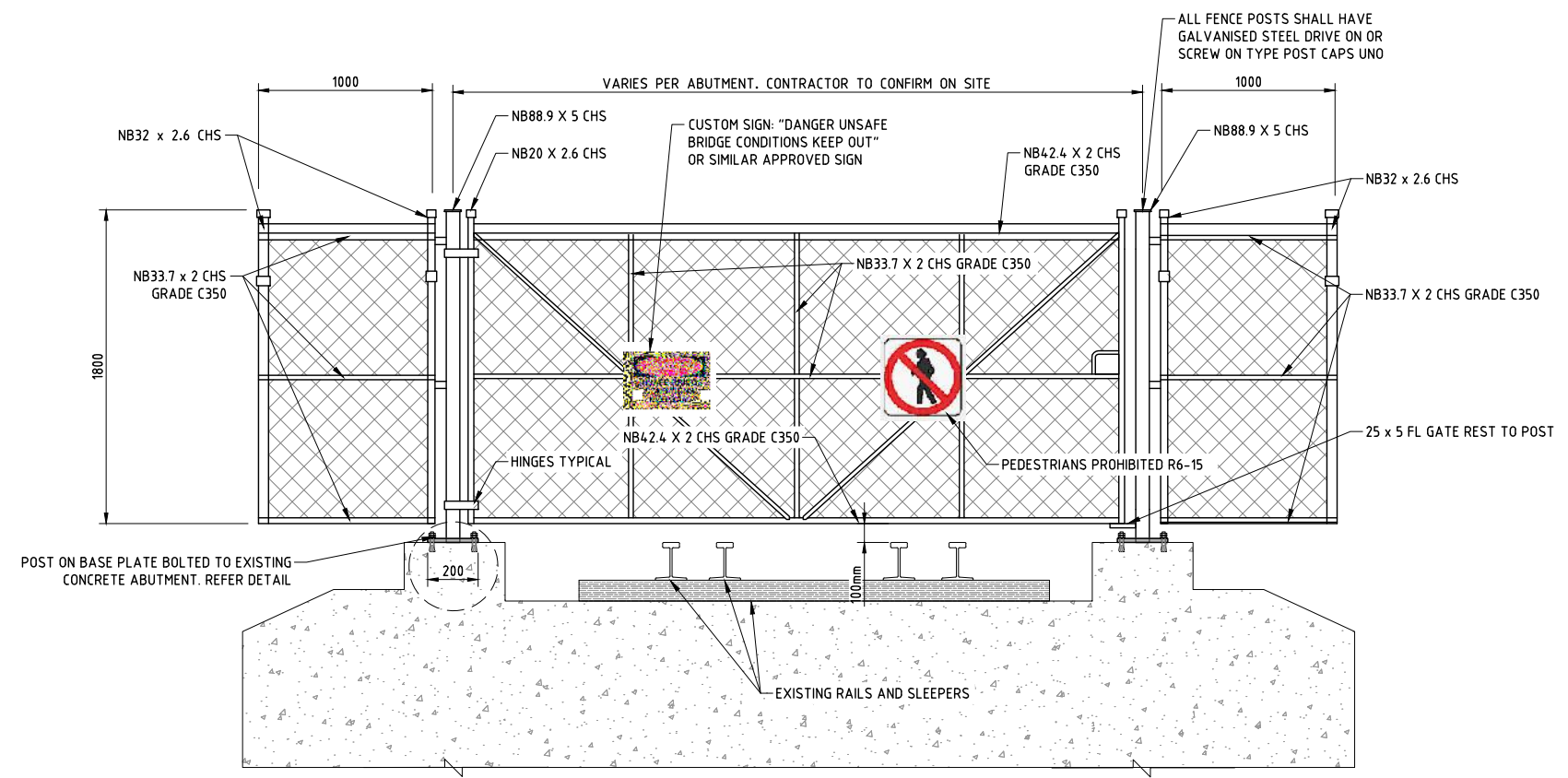
PROJECT:
**NORTHERN RIVERS
RAIL TRAIL - BENTLEY
TO LISMORE**

DRAWING TITLE:
**BRIDGE CROSSING
DETAILS**

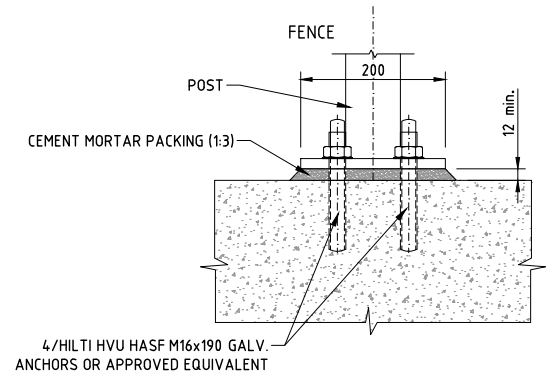
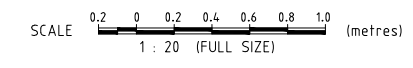
DEVEL. APPLIC. No. :		DATE : 19-07-2023
PROJECT LEADER : TOBY BENNETT	DESIGNER : THUY VU	
DRAFTSPERSON : THUY VU	CHECKED : TOBY BENNETT	
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365		
RPEQ No. : 8093		
SCALE :	DATUM : AHD	FULL SIZE : A1
PROJECT No. : BE220677	DRAWING No. : C107	VERSION: A

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 PLOTTED: 21 Sep 2023



CHAIN LINK FENCE DETAIL



POST ON BASE PLATE

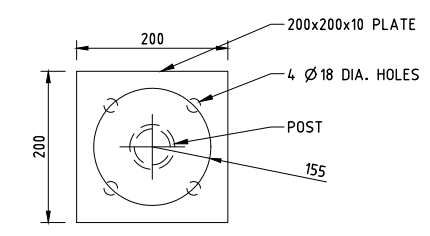
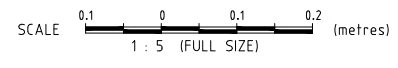
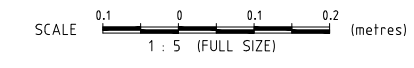


PLATE DETAIL



ISSUE FOR TENDER

**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



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VER.	DESCRIPTION	DATE
A	ISSUE FOR TENDER	19-07-23

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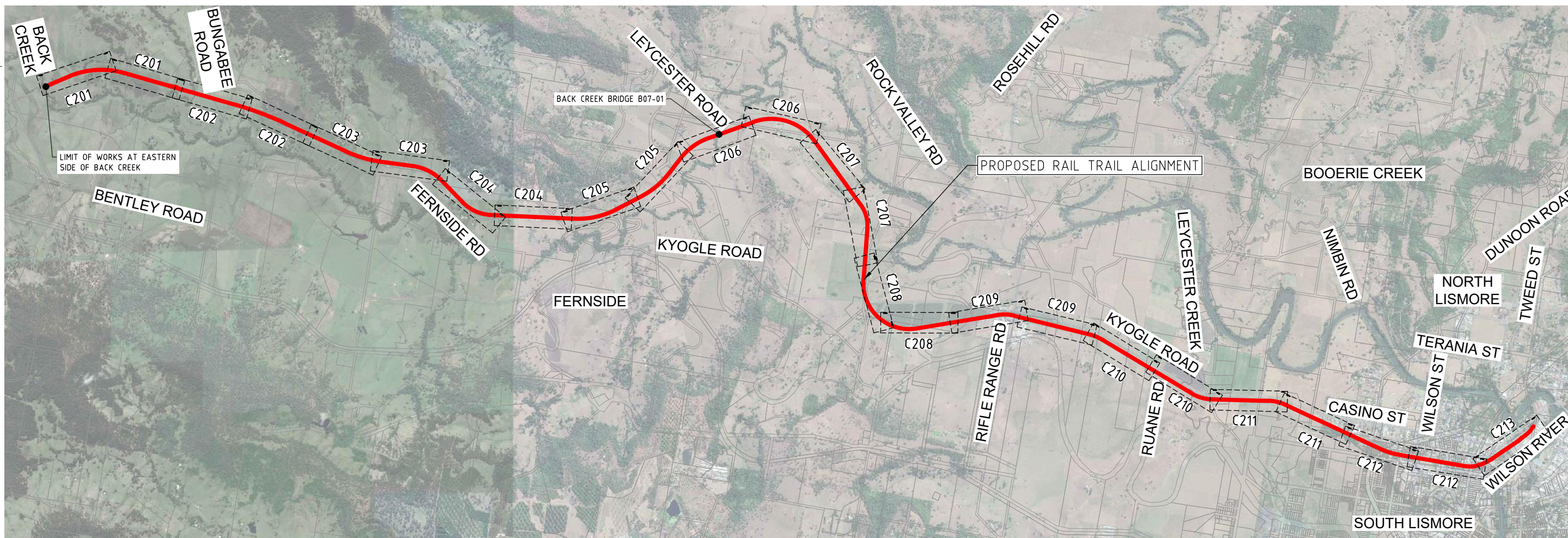
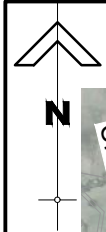
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Coote Burchills Engineering Pty Ltd
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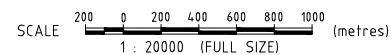
PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

DRAWING TITLE:
CHAIN LINK FENCE DETAIL

DEVEL. APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No. : 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C108
	VERSION: A



KEY PLAN



LEGEND

- | | | | | | |
|---------------------|--------------------------------------|-----------|--|-----------|--------------------------------------|
| —30.00— | EXISTING CONTOUR | — — — — — | PROPERTY BOUNDARY | —●—●—●—●— | PROPOSED STOCK FENCE WITH STOCK GATE |
| —●—●—●—●— | EXISTING RAIL TO BE REMOVED | —>—>—>—> | PROPOSED SWALE DRAIN | —□—□—□—□— | PROPOSED 2.4m HIGH SCREENING FENCE |
| —●—●—●—●— | EXISTING RAIL TO BE REMAIN | —Y—Y—Y—Y— | PROPOSED BATTER | | PROPOSED CATTLE GRIDS |
| — — — — — | EXISTING BATTER | — — — — — | PROPOSED CONTROL LINE | | PROPOSED VEGETATION SCREENING |
| — — — — — | EXISTING FENCE | — — — — — | PROPOSED BYPASS CENTERLINE | — — — — — | |
| — — — — — | EXISTING GUARDRAIL | — — — — — | BRIDLE PATH (INDICATIVE ALIGNMENT) | — — — — — | |
| — — — — — | EXISTING DRAIN | — — — — — | PROJECT CHAINAGE | — — — — — | |
| — — — — — | EXISTING EDGE OF BITUMEN | — — — — — | RAILWAY CHAINAGE (KM FROM SYDNEY) | — — — — — | |
| — — — — — | EXISTING BALLAST BATTER | — — — — — | PROPOSED RAIL TRAIL - SEALED | — — — — — | |
| — — — — — | EXISTING BUILDING | — — — — — | PROPOSED RAIL TRAIL - UNSEALED | — — — — — | |
| — T — — — T — — — | EXISTING TELSTRA | — — — — — | PROPOSED RAIL TRAIL - BYPASS SEALED | — — — — — | |
| — W — — — W — — — | EXISTING WATER MAIN | — — — — — | PROPOSED RAIL TRAIL - BYPASS UNSEALED | — — — — — | |
| — OH — — — OH — — — | EXISTING ELECTRICAL | — — — — — | PROPOSED RAIL TRAIL - BYPASS CONCRETE | — — — — — | |
| — S — — — S — — — | EXISTING SEWER | — — — — — | PROPOSED RAIL TRAIL - ON-LINE BRIDGE | — — — — — | |
| — — — — — | EXISTING CULVERT | — — — — — | PROPOSED RAIL TRAIL - ON-FORMATION CONCRETE | — — — — — | |
| — — — — — | EXISTING ROAD LEVEL CROSSING | — — — — — | PROPOSED RAIL TRAIL - OFF-FORMATION SEALED | — — — — — | |
| — — — — — | EXISTING RAILWAY BRIDGE | — — — — — | PROPOSED RAIL TRAIL - OFF-FORMATION CONCRETE | — — — — — | |
| — — — — — | EXISTING ROAD OVERBRIDGE | — — — — — | PROPOSED RAIL TRAIL OFF-FORMATION UNSEALED | — — — — — | |
| — — — — — | EXISTING DRIVEWAY CROSSING (PRIVATE) | — — — — — | | — — — — — | |

ISSUE FOR TENDER

**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



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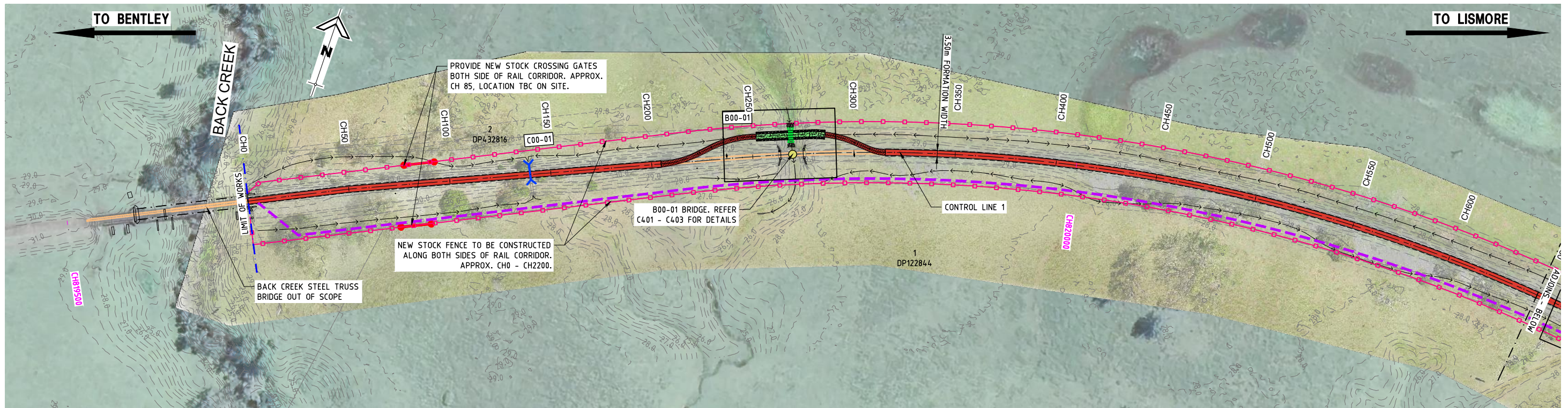
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ABN 76 166 942 365

PROJECT:
**NORTHERN RIVERS
RAIL TRAIL - BENTLEY
TO LISMORE**

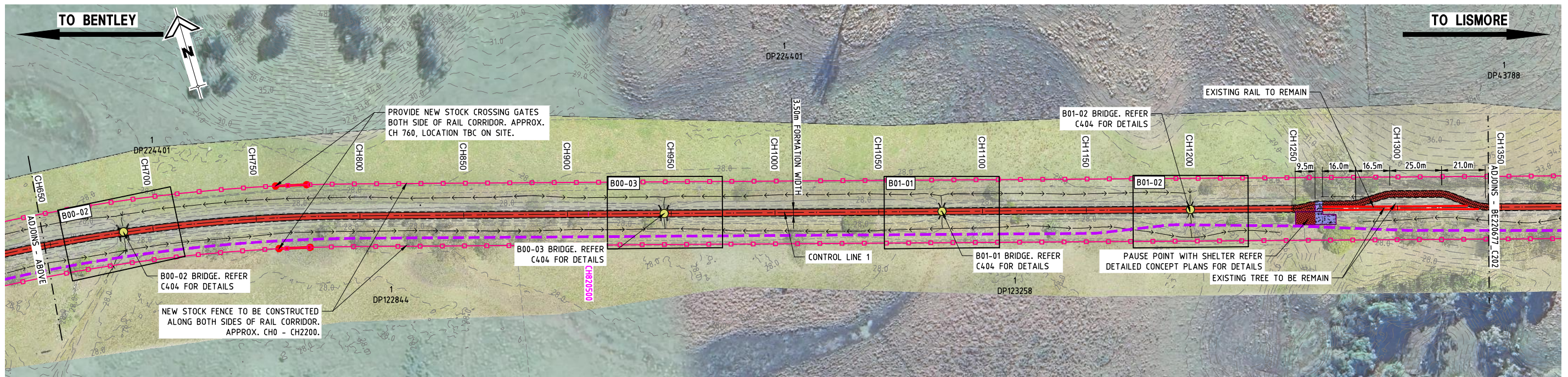
DRAWING TITLE:
**RAIL TRAIL ALIGNMENT
KEY PLAN**

DEVEL APPLIC. No.:	DATE: 19-07-2023	
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU	
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT	
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365		
RPEQ No.: 8093		
SCALE:	DATUM: AHD	FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C200	VERSION: A

PLOTTED: 21 Sep 2023 FILENAME: D:\OneDrive - Quang Vu Design Consulting Company\PROJ\CTS\BE\Y2023\001_BE220677_Northern Rivers Rail Trail - Bentley to Lismore\Assets\BE220677_C200.dwg



PLAN
SCALE 10 0 10 20 30 40 50 (metres)
1 : 1000 (FULL SIZE)



PLAN
SCALE 10 0 10 20 30 40 50 (metres)
1 : 1000 (FULL SIZE)

NOTES:

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BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



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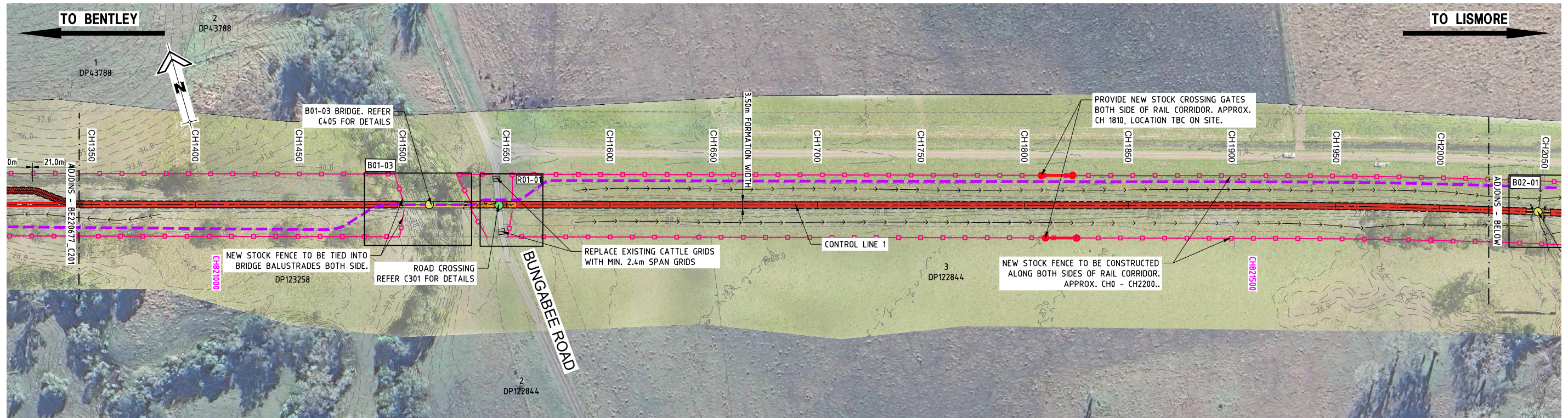
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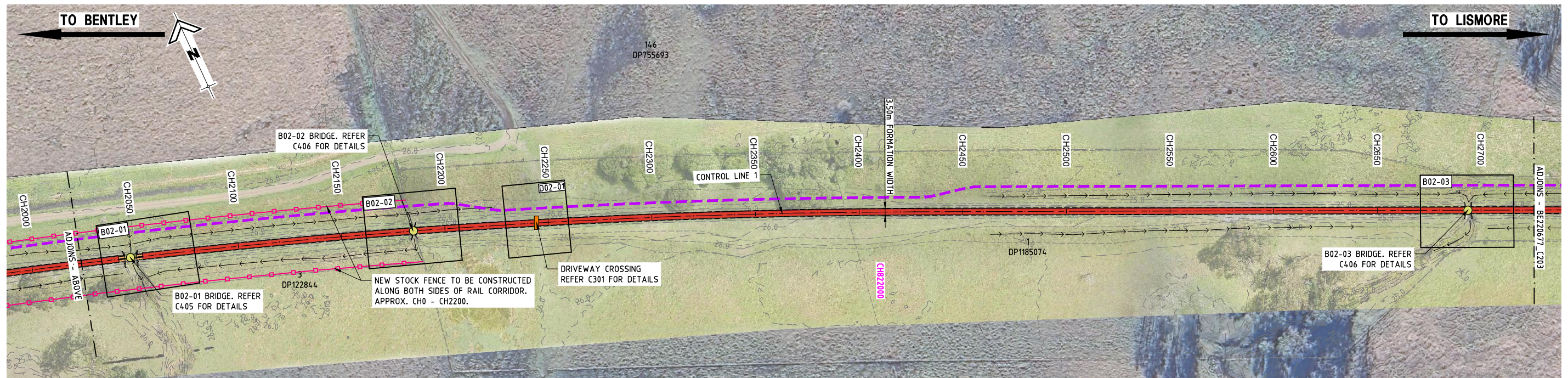
DRAWING TITLE:
PLAN - SHEET 1

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C201
	VERSION: A

FILENAME: D:\OneDrive - Durog, Vu Design Consulting Company\PROJ\ECTS\BE_2023\001_BE220677_Northern Rivers Rail Trail - Bentley to Lismore\Asst\BE220677_C201-C204.dwg PLOTTED: 27 Sep 2023



PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)



PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)

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BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



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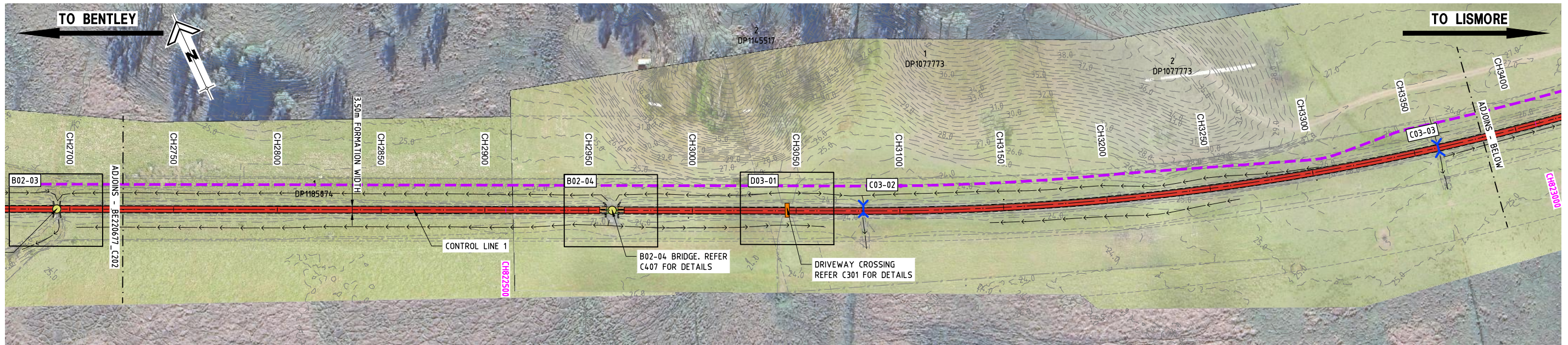
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PROJECT:
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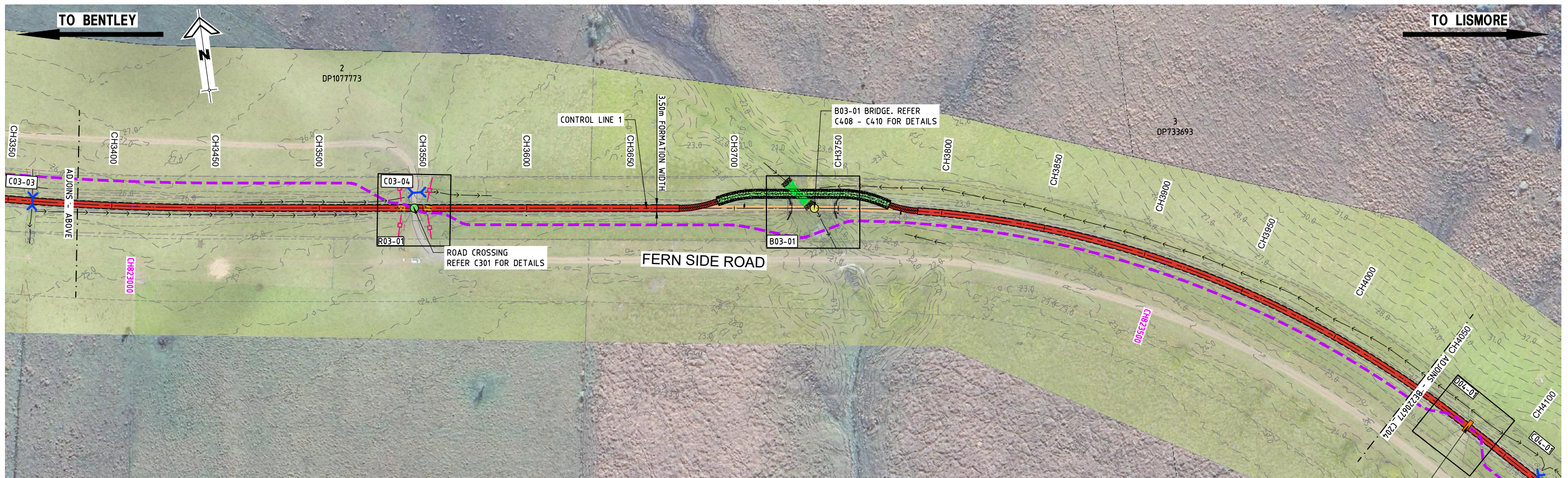
DRAWING TITLE:
PLAN - SHEET 2

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C202
	VERSION: A

FILENAME: D:\VnuDrive - Duong, Vu Design Consulting Company\PROJETS\BENTLEY TO LISMORE RIVERS RAIL TRAIL - Bentley to Lismore\Assets\BE220677_C201-C204.dwg PLOTTED: 27 Sep 2023



PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)



PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)

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BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



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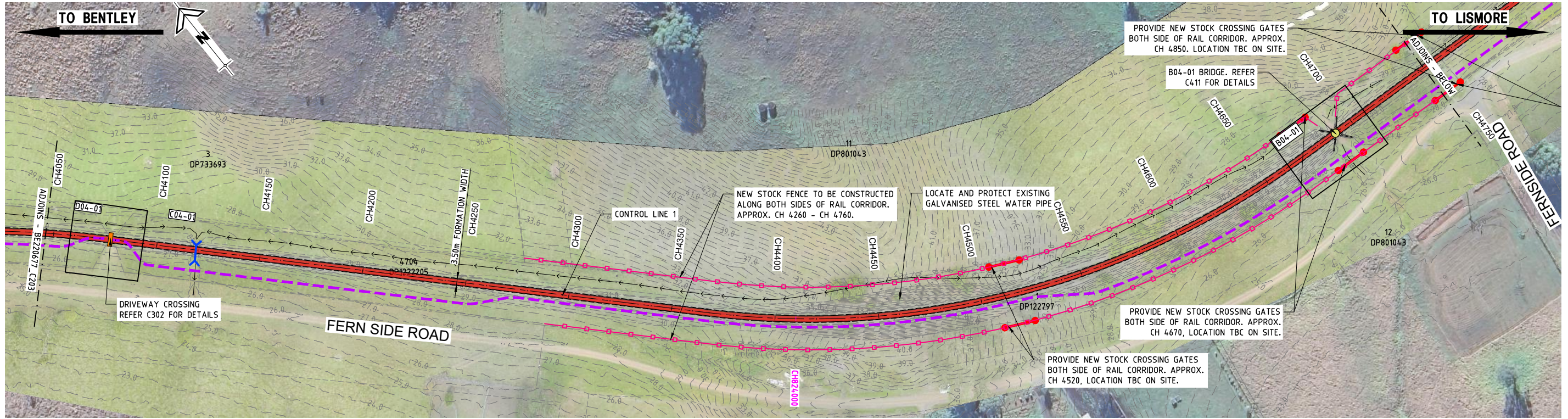
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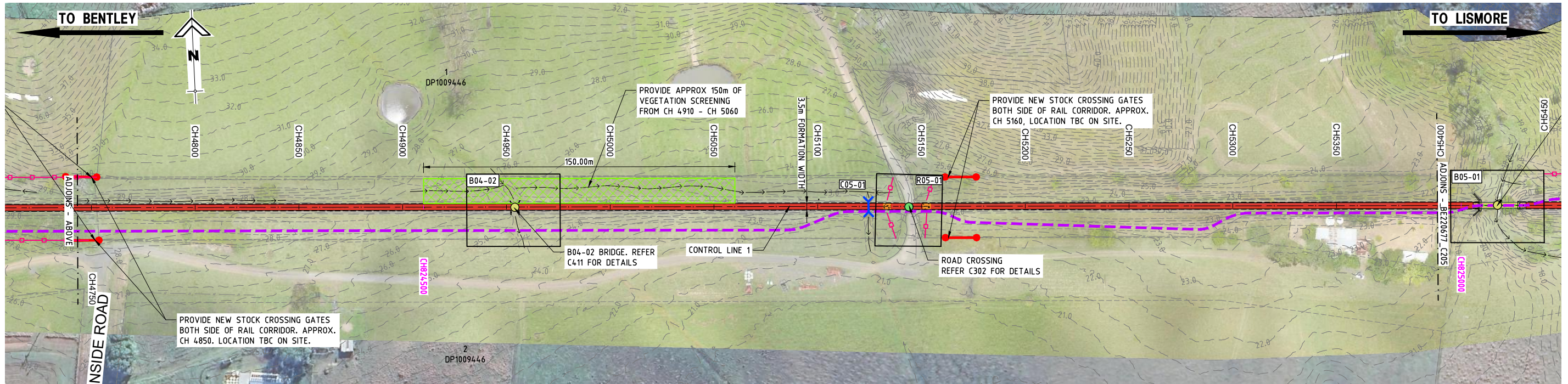
DRAWING TITLE:
PLAN - SHEET 3

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No. : 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C203
	VERSION: A

PLOTTED: 27 Sep 2023 FILENAME: D:\Vindrive - Dunlop_VU Design Consulting Company\PROJ\ECTS\BE_2023\A01_BE220677 Northern Rivers Rail Trail - Bentley to Lismore\Asst\BE220677_C201-C204.dwg



PLAN
SCALE 10 0 10 20 30 40 50 (metres)
1 : 1000 (FULL SIZE)



PLAN
SCALE 10 0 10 20 30 40 50 (metres)
1 : 1000 (FULL SIZE)

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BENTLEY TO LISMORE
FOR
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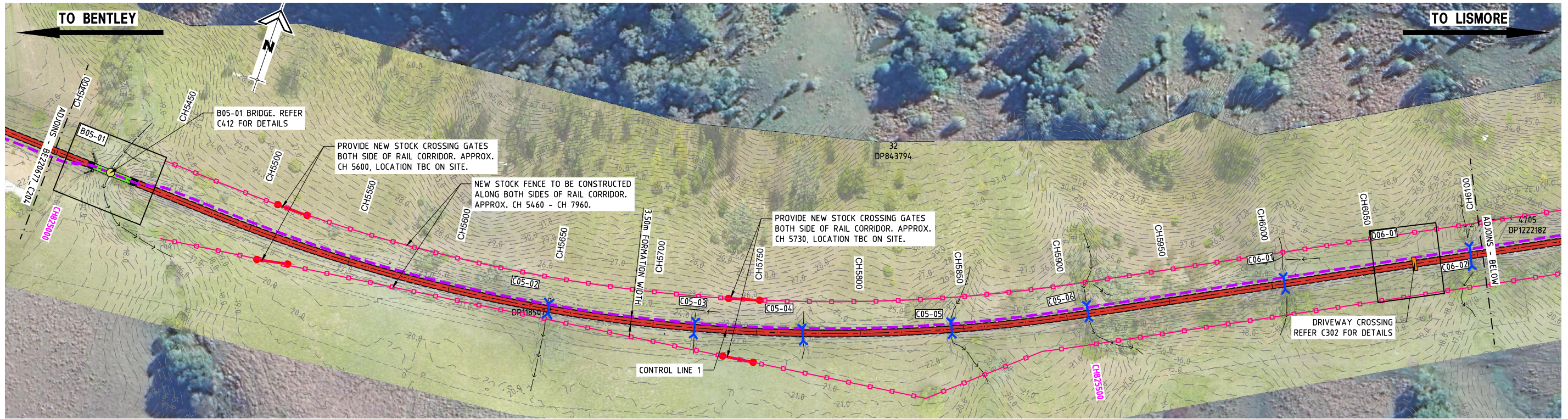
PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

DRAWING TITLE:
PLAN - SHEET 4

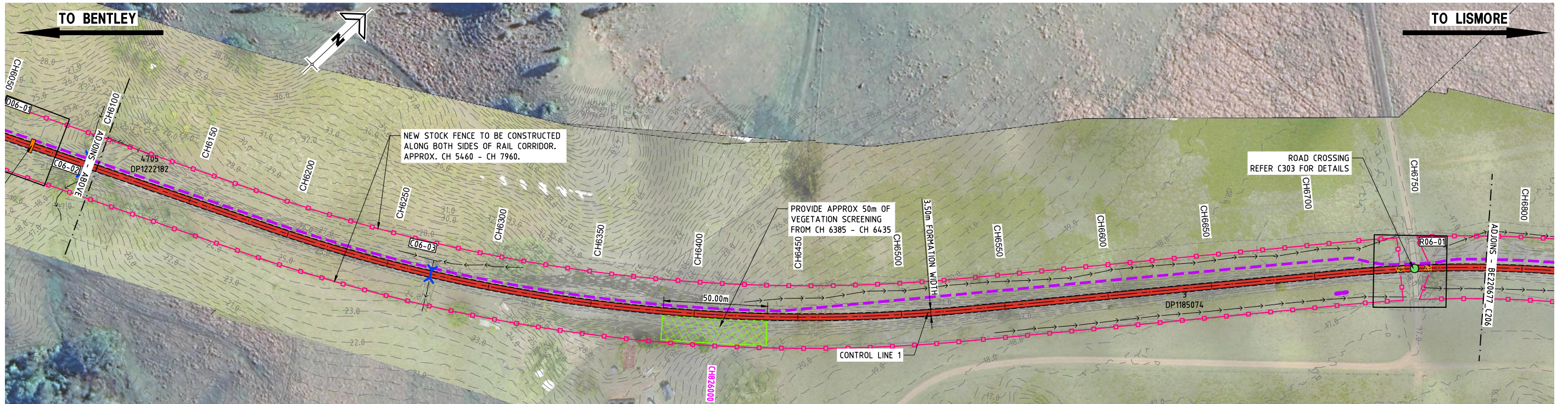
DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C204
	VERSION: A

VER.	DESCRIPTION	DATE
A	ISSUE FOR TENDER	19-07-23

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PLOTTED: 27 Sep 2023



PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)



PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)

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**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



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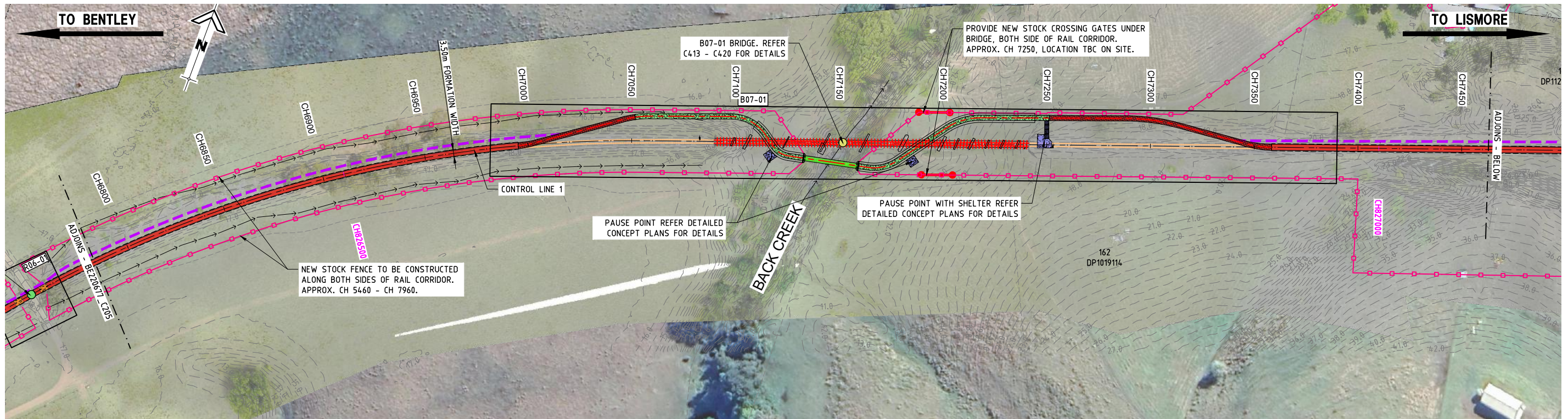
PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

DRAWING TITLE:
PLAN - SHEET 5

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No. : 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.:	DRAWING No.:
BE220677	C205
VERSION:	A

VER.	DESCRIPTION	DATE
A	ISSUE FOR TENDER	19-07-23

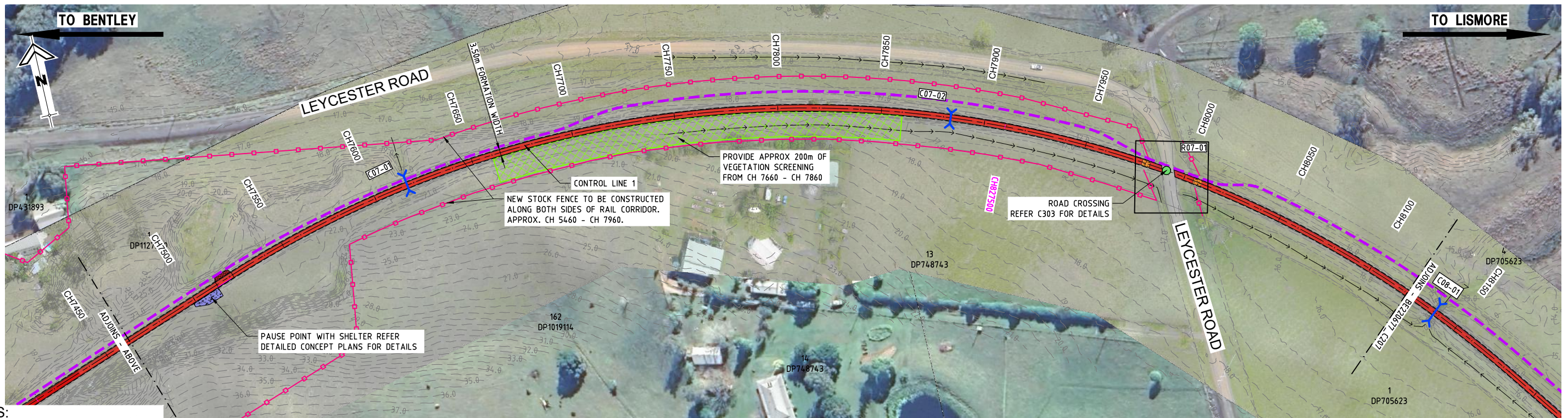
FILENAME: D:\OneDrive - Duong Vu Design Consulting Company\PROJ\CTS\BE\2023\001_BE220677_Northern Rivers Rail Trail - Bentley to Lismore\Asst\BE220677_C205-C206.dwg PLOTTED: 27 Sep 2023



PLAN
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SCALE 1 : 1000 (FULL SIZE) (metres)

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BENTLEY TO LISMORE
FOR
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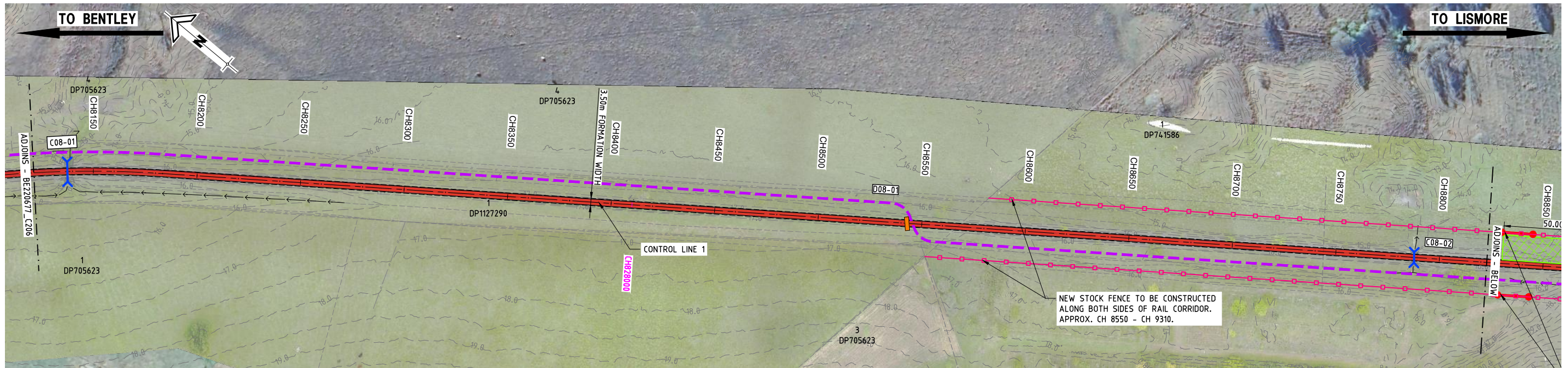
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PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

DRAWING TITLE:
PLAN - SHEET 6

DEVEL APPLIC. No.:	DATE : 19-07-2023
PROJECT LEADER : TOBY BENNETT	DESIGNER : THUY VU
DRAFTSPERSON : THUY VU	CHECKED : TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No. : 8093	
SCALE :	DATUM : AHD FULL SIZE : A1
PROJECT No.:	DRAWING No. :
BE220677	C206
VERSION:	A

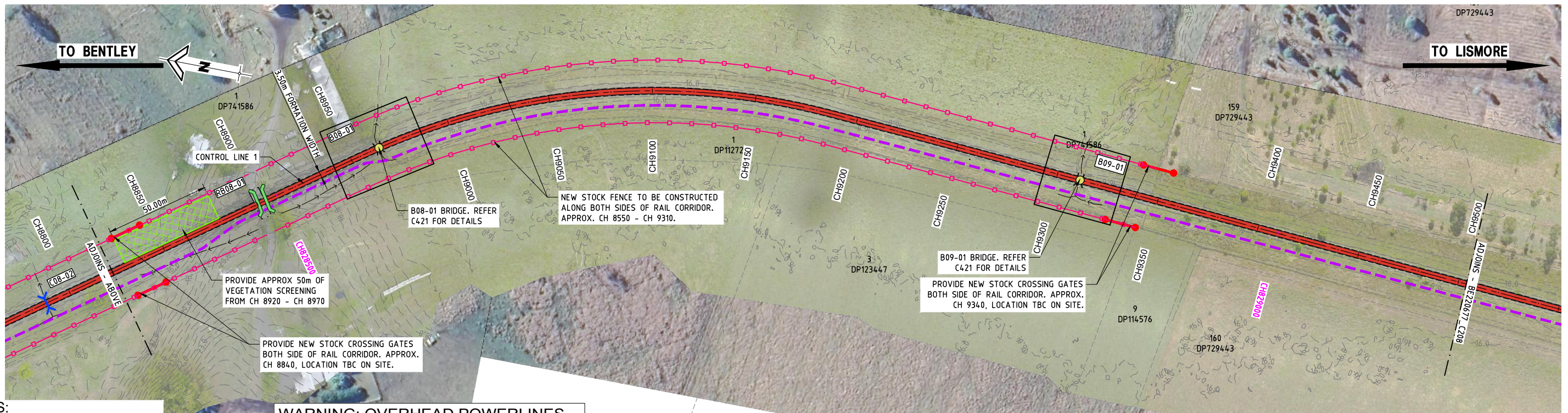
PLOTTED: 27 Sep 2023 FILENAME: D:\OneDrive - Duong Vu Design Consulting Company\PROJ\13_NRT_2023\001_BE220677_Northern Rivers Rail Trail - Bentley to Lismore\Asst\BE220677_C206-C20.dwg



PLAN
SCALE 10 0 10 20 30 40 50 (metres)
1 : 1000 (FULL SIZE)

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PLAN
SCALE 10 0 10 20 30 40 50 (metres)
1 : 1000 (FULL SIZE)

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BENTLEY TO LISMORE
FOR
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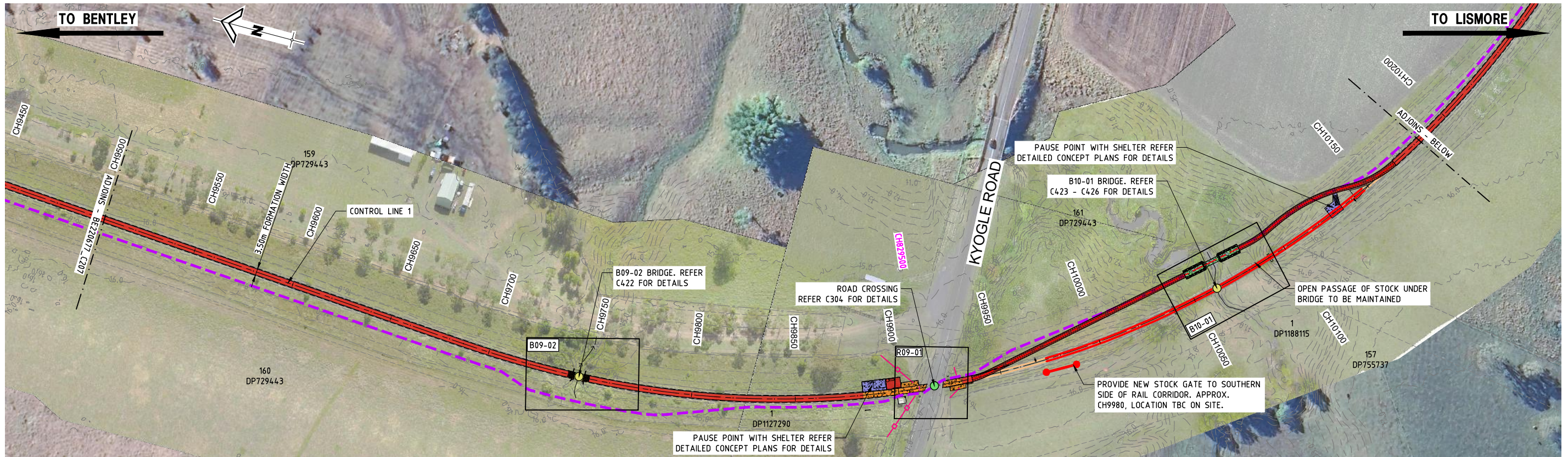
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Fax: +61 7 5509 6411
Email: admin@burchills.com.au
Coote Burchills Engineering Pty Ltd
ABN 76 166 942 365

PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

DRAWING TITLE:
PLAN - SHEET 7

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C207
	VERSION: A

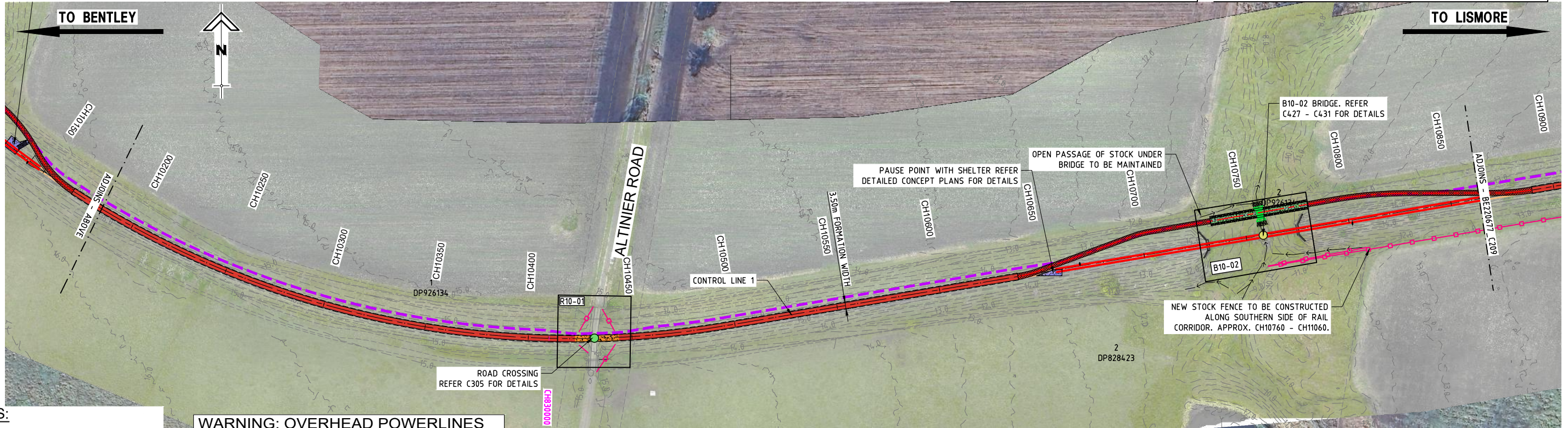
FILENAME: D:\vnu\drive - Duong_VU\Design_Consulting\Company\PROJ\13\REV_2023_001_BE220677_Northern Rivers Rail Trail - Bentley to Lismore\Asst\BE220677_C205-C206.dwg PLOTTED: 27 Sep 2023



PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)

NOTE:
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PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)

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ISSUE FOR TENDER

**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



A1 ORIGINAL SIZE BEFORE REDUCTION

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PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

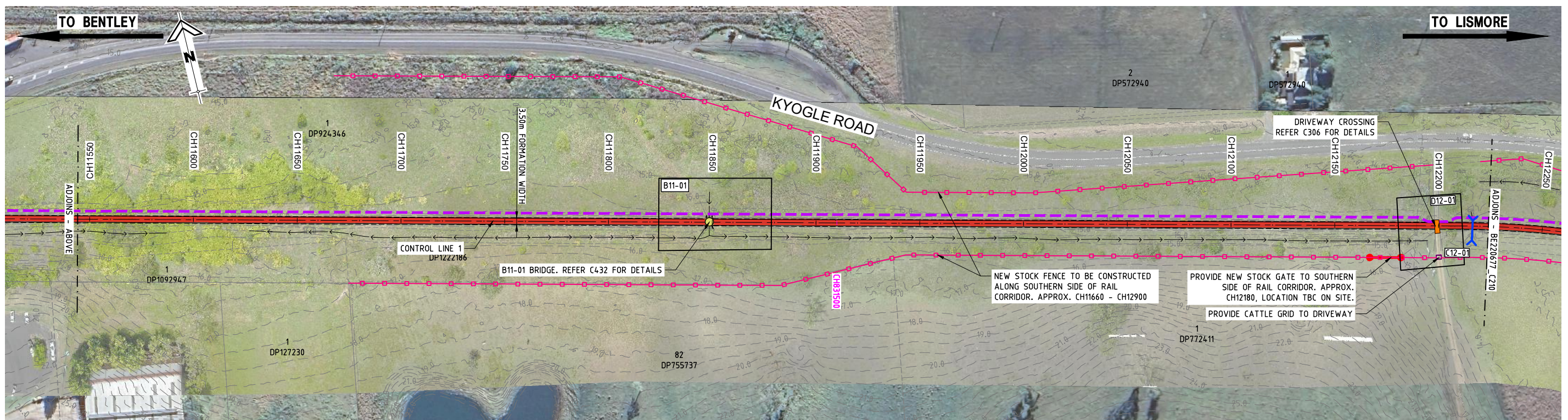
DRAWING TITLE:
PLAN - SHEET 8

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C208
	VERSION: A

FILENAME: D:\Vnu\Drive - Duong_VU Design Consulting Company\PROJ\ECTS\BE_2023\001_BE220677 Northern Rivers Rail Trail - Bentley to Lismore\Asst\BE220677_C208-C210.dwg PLOTTED: 27 Sep 2023



PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)



PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)

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ISSUE FOR TENDER

NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL



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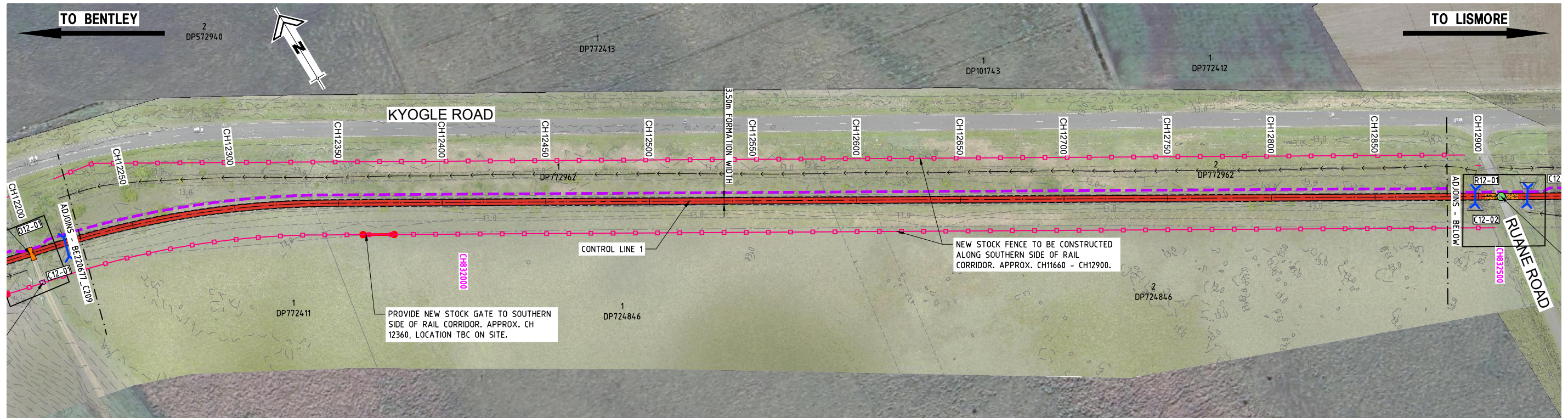
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ABN 76 166 942 365

PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

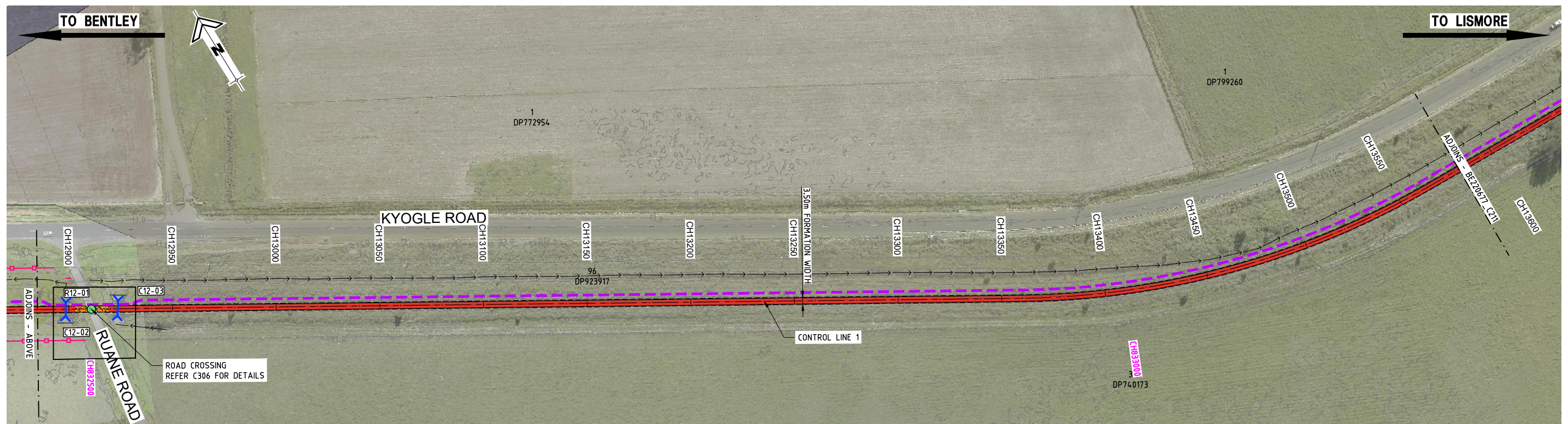
DRAWING TITLE:
PLAN - SHEET 9

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C209
	VERSION: A

FILENAME: D:\Vindrive - Duong, Vu Design Consulting Company\PROJ\ECTS\BE\2023\001_BE220677_Northern Rivers Rail Trail - Bentley to Lismore\Asst\BE220677_C209-C210.dwg PLOTTED: 27 Sep 2023



PLAN
SCALE 10 0 10 20 30 40 50 (metres)
1 : 1000 (FULL SIZE)



PLAN
SCALE 10 0 10 20 30 40 50 (metres)
1 : 1000 (FULL SIZE)

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ISSUE FOR TENDER

**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



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ABN 76 166 942 365

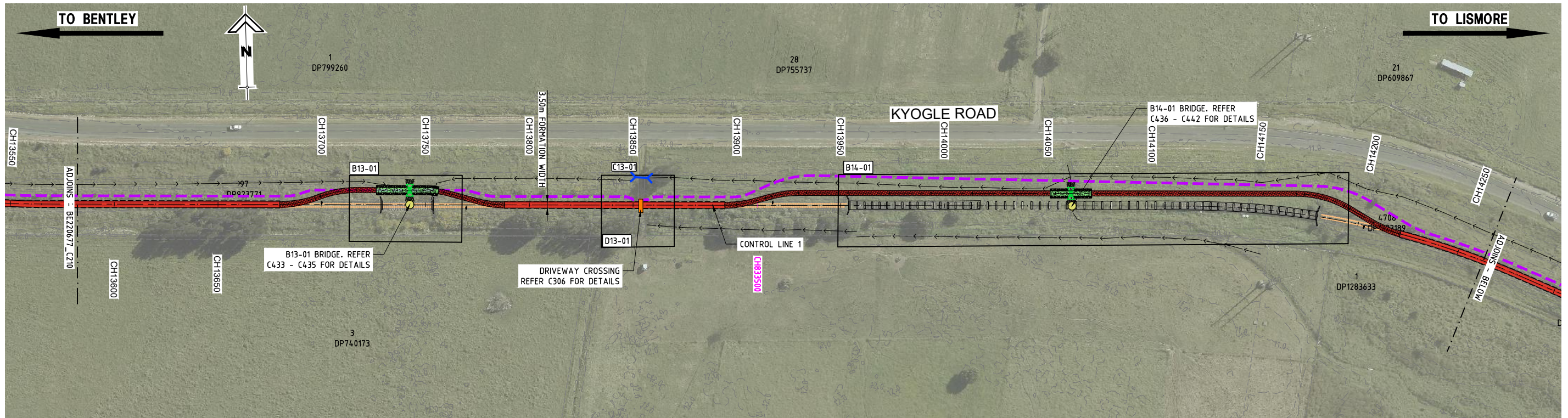
PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

DRAWING TITLE:
PLAN - SHEET 10

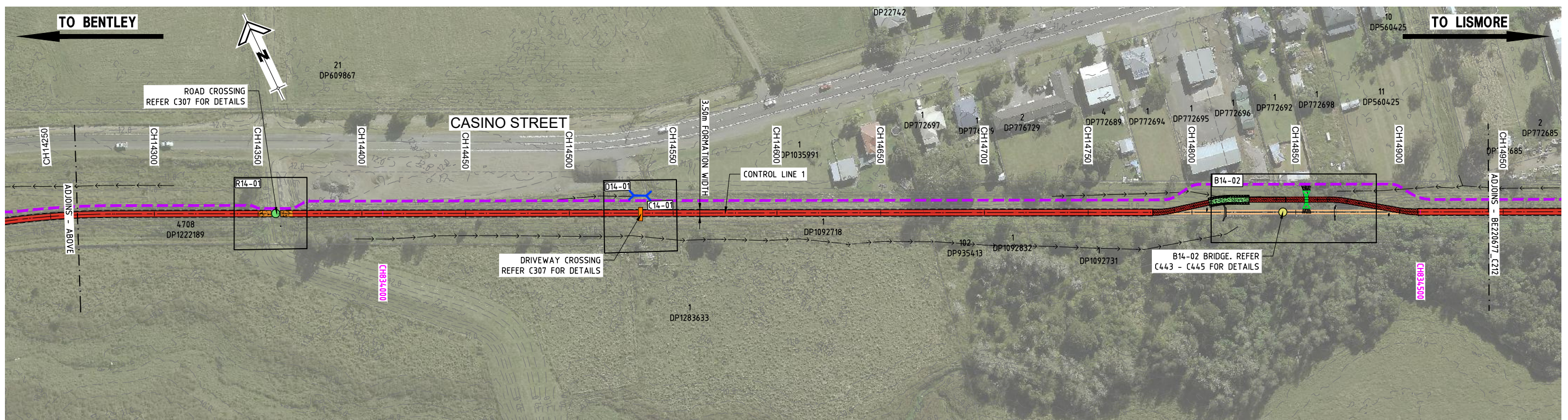
DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C210
	VERSION: A

VER.	DESCRIPTION	DATE
A	ISSUE FOR TENDER	19-07-23

FILENAME: D:\vnu\drive - Design_VU\Design_Consulting\Company\PROJ\BENTLEY_TO LISMORE_NORTHERN RIVERS RAIL TRAIL - Bentley to Lismore\Asap\BE220677_C210-C210.dwg PLOTTED: 27 Sep 2023



PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)



PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)

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**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**

A1 ORIGINAL SIZE BEFORE REDUCTION

VER.	DESCRIPTION	DATE
A	ISSUE FOR TENDER	19-07-23

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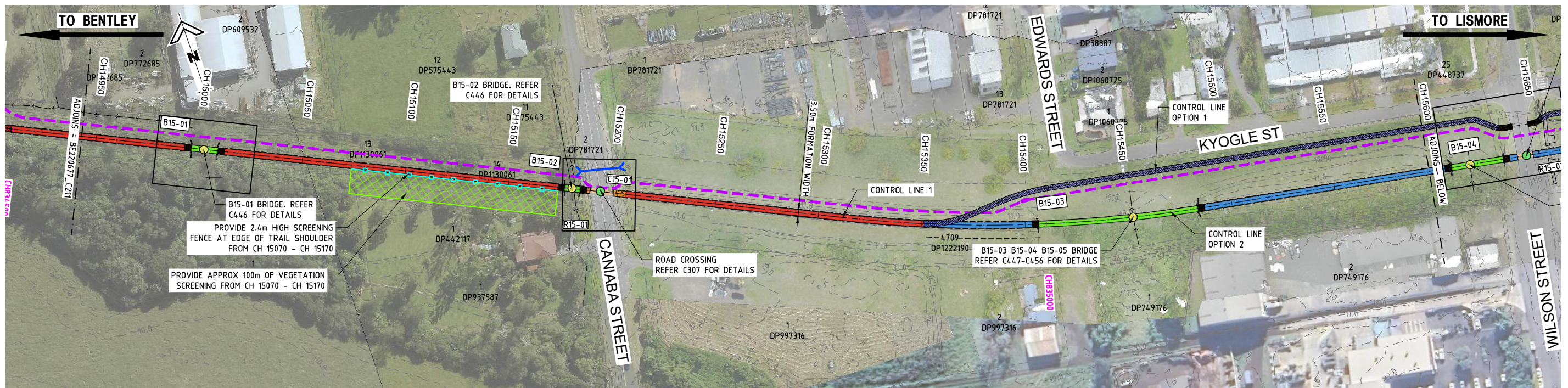
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Coote Burchills Engineering Pty Ltd
ABN 76 166 942 365

PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

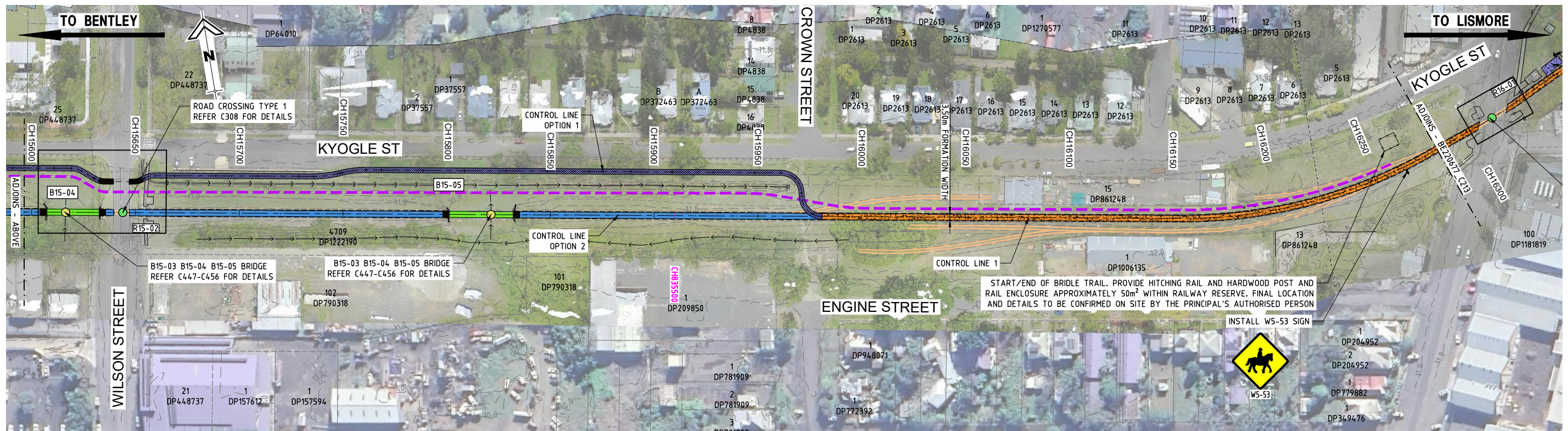
DRAWING TITLE:
PLAN - SHEET 11

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No. : 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C211
	VERSION: A

FILENAME: D:\Vindrive - Duong_VU Design - Consulting Company\PROJ\ECTS\BEL\2023\A01_BE220677 Northern Rivers Rail Trail - Bentley to Lismore\Asst\BE220677_C211-C213.dwg PLOTTED: 27 Sep 2023



PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)



PLAN
SCALE 1 : 1000 (FULL SIZE) (metres)

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ISSUE FOR TENDER

**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



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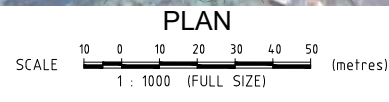
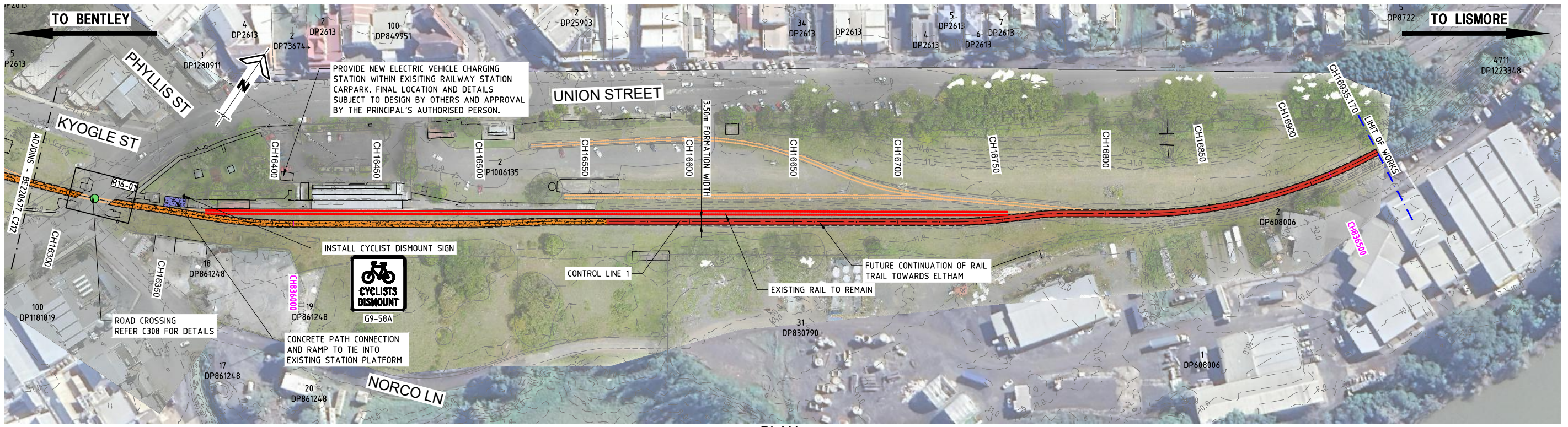
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Coote Burchills Engineering Pty Ltd
ABN 76 166 942 365

PROJECT:
**NORTHERN RIVERS RAIL
TRAIL - BENTLEY TO
LISMORE**

DRAWING TITLE:
PLAN - SHEET 12

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C212
	VERSION: A

FILENAME: D:\vnu\drive - Design_VU\Design_Consulting\Company\PROJ\ECTS\BE\2023\001_Bentley to Lismore\Asset\BE220677_Northern Rivers Rail Trail - Bentley to Lismore\Drawings\CH15\CH15.dwg PLOTTED: 27 Sep 2023



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**NORTHERN RIVERS RAIL TRAIL
 BENTLEY TO LISMORE
 FOR
 LISMORE CITY COUNCIL**

A1 ORIGINAL SIZE BEFORE REDUCTION

VER.	DESCRIPTION	DATE
A	ISSUE FOR TENDER	19-07-23

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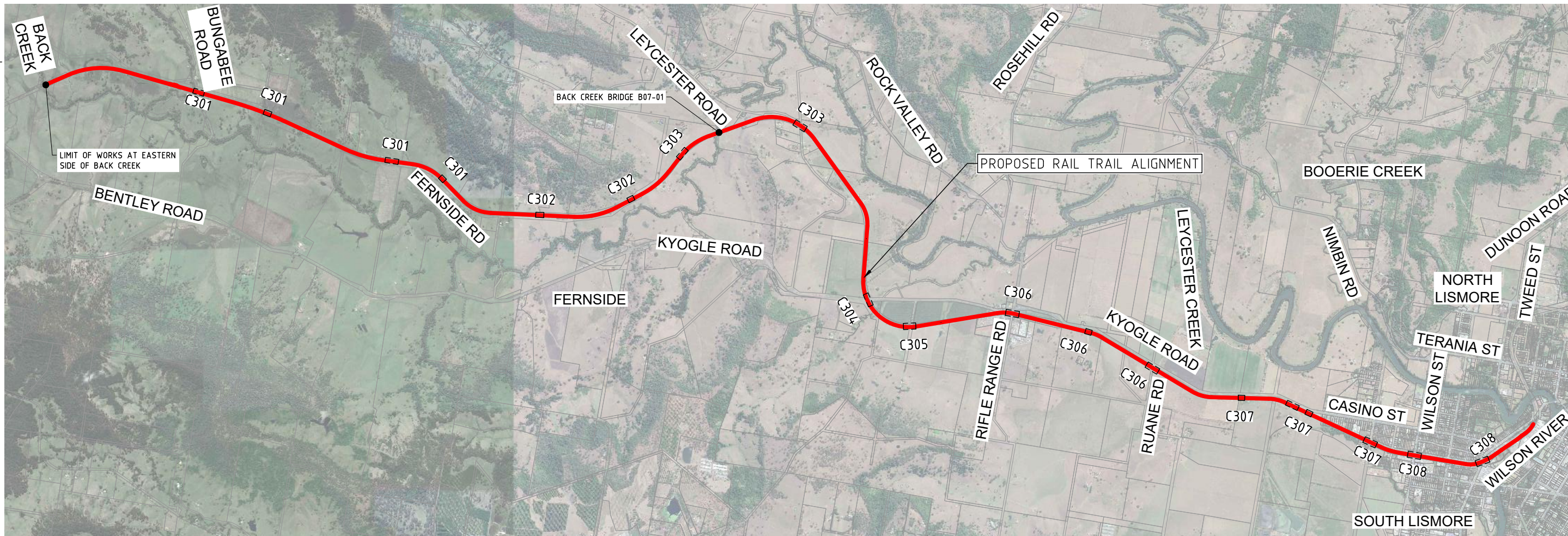
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Coote Burchills Engineering Pty Ltd
 ABN 76 166 942 365

PROJECT:
**NORTHERN RIVERS RAIL
 TRAIL - BENTLEY TO
 LISMORE**

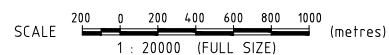
DRAWING TITLE:
PLAN - SHEET 13

DEVEL APPLIC. No.:		DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU	
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT	
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365		
RPEQ No. : 8093		
SCALE:	DATUM: AHD	FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C213	VERSION: A

FILENAME: D:\vnu\drive - Design_VU\Design_Consulting\Company\PROJ\CTS\REL\2023\A01_BE220677_Northern Rivers Rail Trail - Bentley to Lismore\Asst\BE220677_C213-C213.dwg
 PLOTTED: 27 Sep 2023



KEY PLAN



LEGEND

	EXISTING CONTOUR		PROPOSED STOCK FENCE WITH STOCK GATE
	EXISTING RAIL TO BE REMOVED		PROPOSED 2.4m HIGH SCREENING FENCE
	EXISTING RAIL TO BE REMAIN		PROPOSED SWALE DRAIN
	EXISTING BATTER		PROPOSED BATTER
	EXISTING FENCE		PROPOSED CONTROL LINE
	EXISTING GUARDRAIL		PROPOSED BYPASS CENTERLINE
	EXISTING DRAIN		BRIDLE PATH (INDICATIVE ALIGNMENT)
	EXISTING EDGE OF BITUMEN		PROJECT CHAINAGE
	EXISTING BALLAST BATTER		RAILWAY CHAINAGE (KM FROM SYDNEY)
	EXISTING BUILDING		PROPOSED RAIL TRAIL - SEALED
	EXISTING TELSTRA		PROPOSED RAIL TRAIL - UNSEALED
	EXISTING WATER MAIN		PROPOSED RAIL TRAIL - BYPASS SEALED
	EXISTING ELECTRICAL		PROPOSED RAIL TRAIL - BYPASS UNSEALED
	EXISTING SEWER		PROPOSED RAIL TRAIL - BYPASS CONCRETE
	EXISTING CULVERT		PROPOSED RAIL TRAIL - ON-LINE BRIDGE
	EXISTING ROAD LEVEL CROSSING		PROPOSED RAIL TRAIL - ON-FORMATION CONCRETE
	EXISTING RAILWAY BRIDGE		PROPOSED RAIL TRAIL - OFF-FORMATION SEALED
	EXISTING ROAD OVERBRIDGE		PROPOSED RAIL TRAIL - OFF-FORMATION CONCRETE
	EXISTING DRIVEWAY CROSSING (PRIVATE)		PROPOSED RAIL TRAIL OFF-FORMATION UNSEALED
	PROPERTY BOUNDARY		

SCHEDULE OF ROAD AND DRIVEWAY CROSSING

No.	ARUP ID.	CROSSING NAME	PROJECT CHAINAGE	RAILWAY CHAINAGE	DESCRIPTION	ACCESS CONTROL TYPE	DRAWING No.
1	LX015	R01-01	CH1546	CH821136	ROAD CROSSING	TYPE 2 and TYPE 3	C301
2	LX016	D02-01	CH2246	CH821836	DRIVEWAY CROSSING	NONE	C301
3	LX017	R03-01	CH3045	CH822635	DRIVEWAY CROSSING	NONE	C301
4	LX018	D03-01	CH3545	CH823135	ROAD CROSSING	TYPE 3	C301
5	LX019	D04-01	CH4077	CH823667	DRIVEWAY CROSSING	NONE	C302
6	LX020	R05-01	CH5144	CH824734	ROAD CROSSING	TYPE 3	C302
7	LX021	D06-01	CH6070	CH825660	DRIVEWAY CROSSING	NONE	C302
8	LX022	R06-01	CH6748	CH826338	ROAD CROSSING	TYPE 3	C303
9	LX023	R07-01	CH7990	CH827580	ROAD CROSSING	TYPE 3	C303
10	LX025	R09-01	CH9917	CH829507	ROAD CROSSING	TYPE 3	C304
11	LX026	R10-01	CH10432	CH830022	ROAD CROSSING	TYPE 3	C305
12	LX027	R11-01	CH11440	CH831030	ROAD CROSSING	TYPE 1	C306
13	LX028	D12-01	CH12199	CH831789	DRIVEWAY CROSSING	NONE	C306
14	LX029	R12-01	CH12908	CH832498	ROAD CROSSING	TYPE 2	C306
15	LX032	D13-01	CH13854	CH833444	DRIVEWAY CROSSING	NONE	C306
16	-	D14-01	CH14358	CH833948	DRIVEWAY CROSSING	NONE	C307
17	LX033	R14-01	CH14534	CH834124	ROAD CROSSING	TYPE 2	C307
18	LX035	R15-01	CH15194	CH834784	ROAD CROSSING	TYPE 2	C307
19	LX036	R15-02	CH15644	CH835234	ROAD CROSSING	TYPE 2	C308
20	LX037	R16-01	CH16312	CH835902	ROAD CROSSING	TYPE 1	C308

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**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
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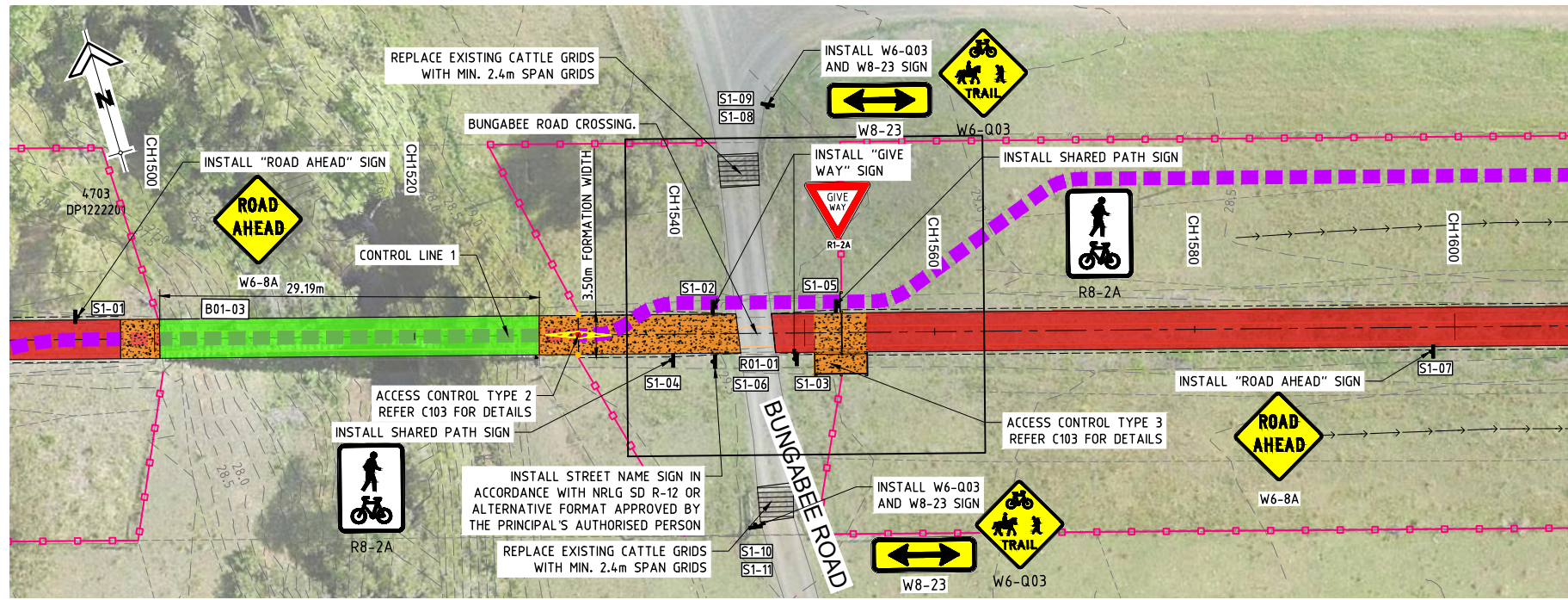
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ABN 76 166 942 365

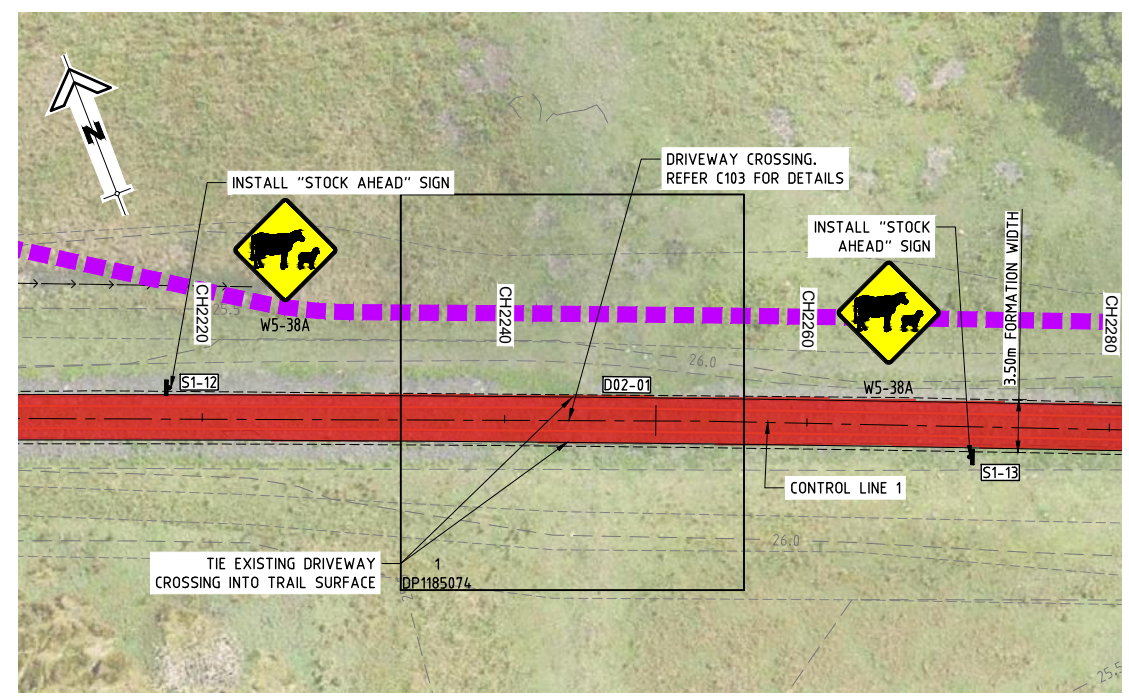
PROJECT:
**NORTHERN RIVERS
RAIL TRAIL - BENTLEY
TO LISMORE**

DRAWING TITLE:
**RAIL TRAIL ROAD,
DRIVEWAY CROSSING
KEY PLAN**

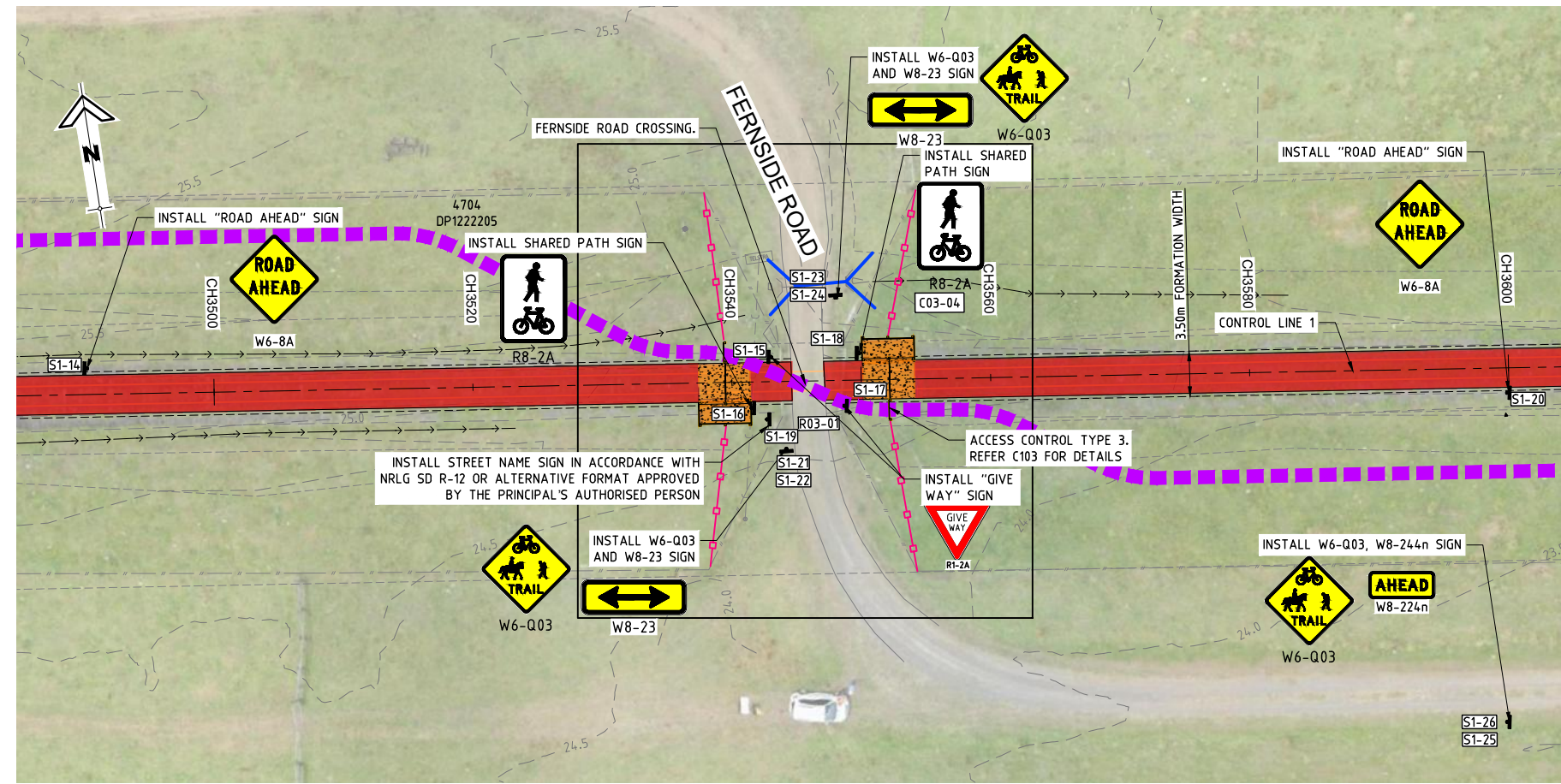
DEVEL APPLIC. No.:	DATE: 19-07-2023	
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU	
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT	
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365		
RPEQ No.: 8093		
SCALE:	DATUM: AHD	FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C300	VERSION: A



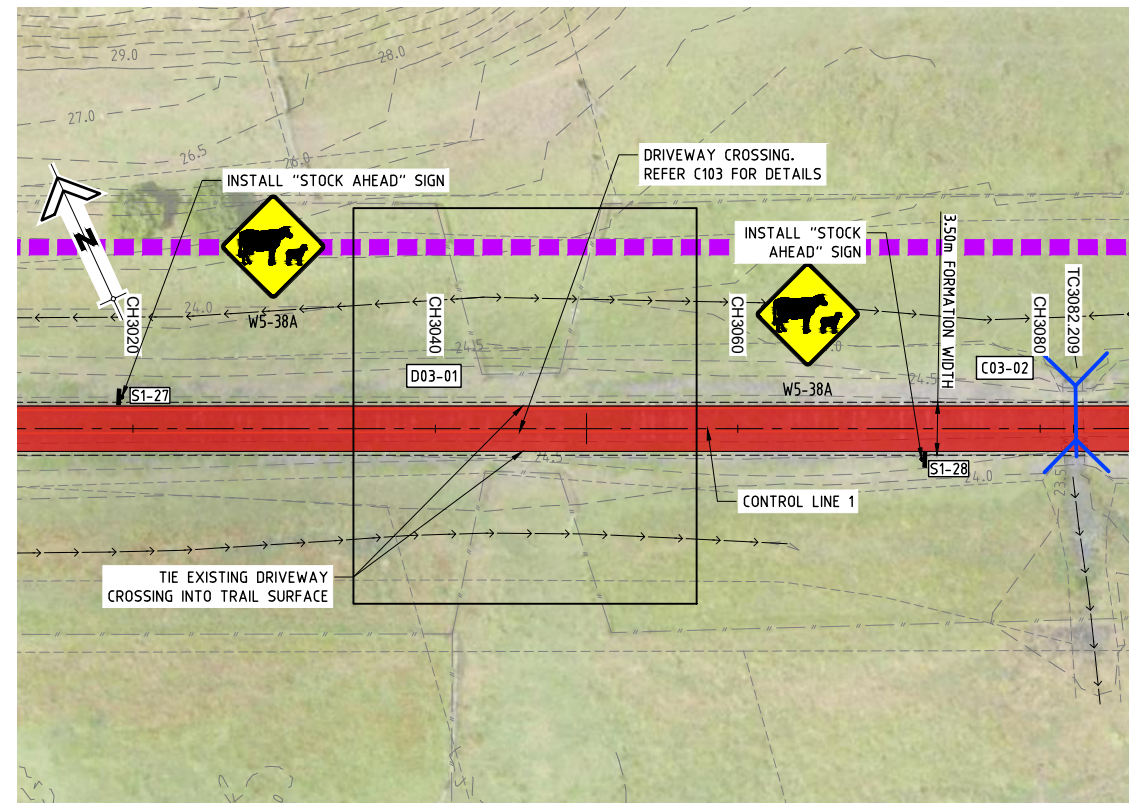
R01-01 PLAN
SCALE 1 : 250 (FULL SIZE)



D02-01 PLAN
SCALE 1 : 250 (FULL SIZE)



R03-01 PLAN
SCALE 1 : 250 (FULL SIZE)



D03-01 PLAN
SCALE 1 : 250 (FULL SIZE)

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ISSUE FOR TENDER

NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL



A1 ORIGINAL SIZE BEFORE REDUCTION

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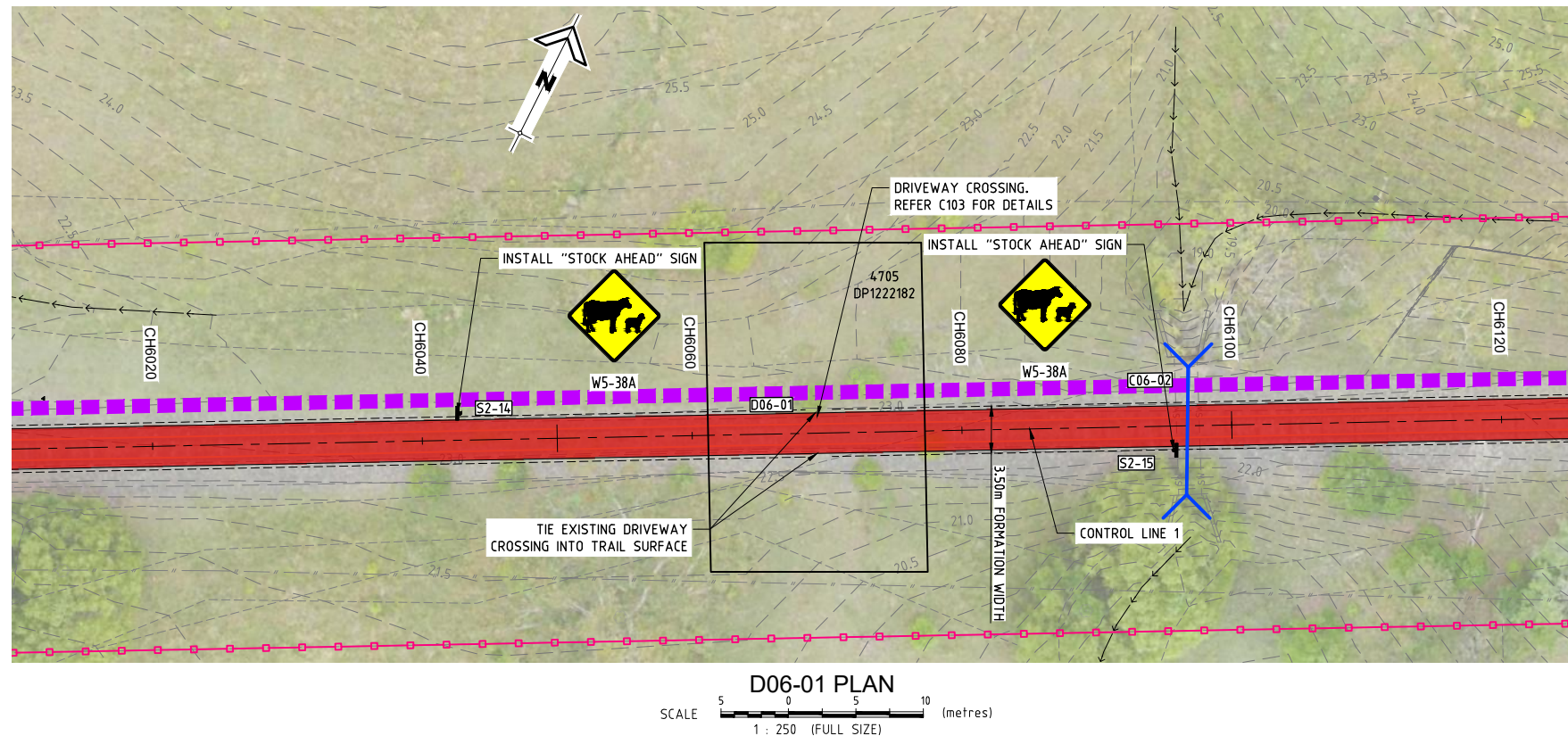
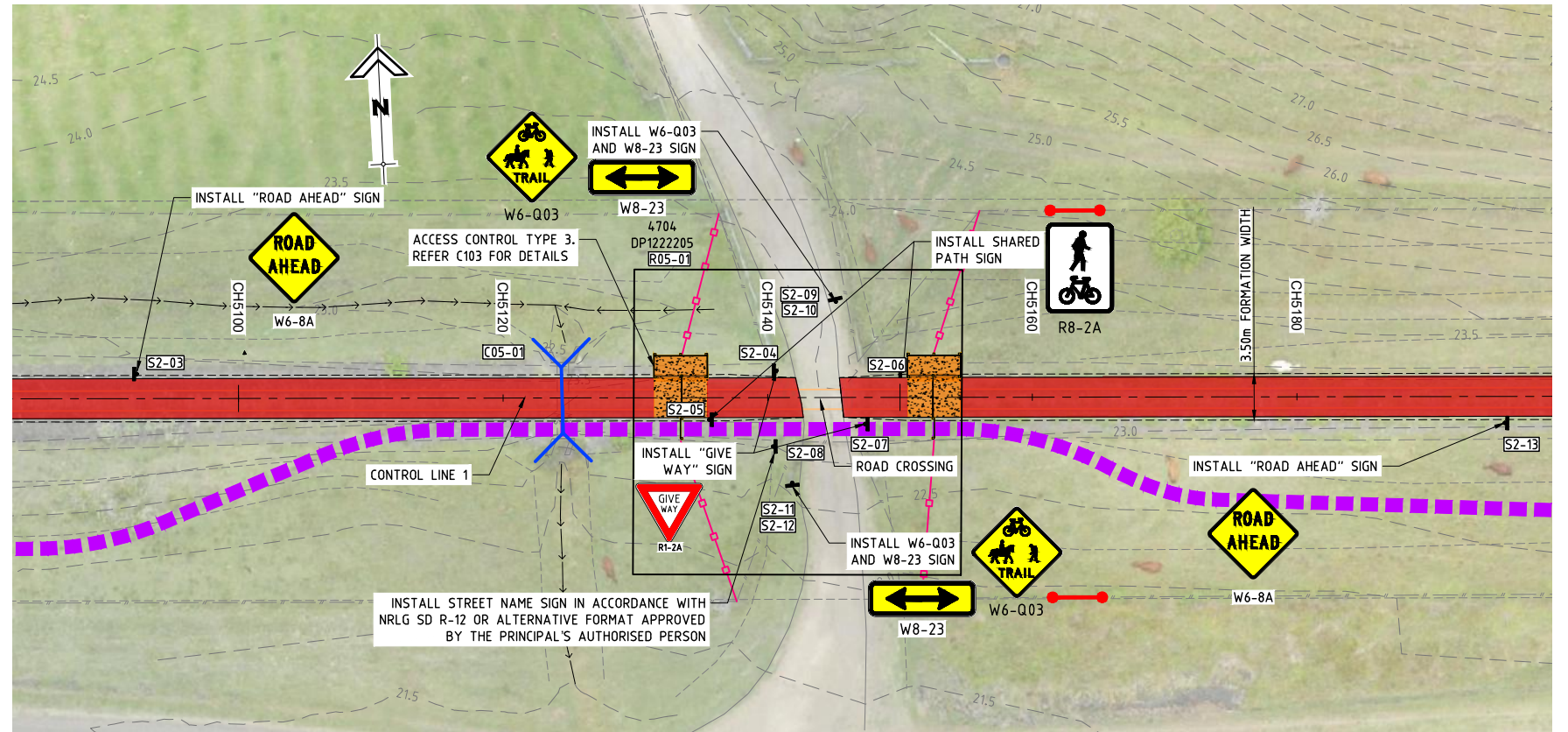
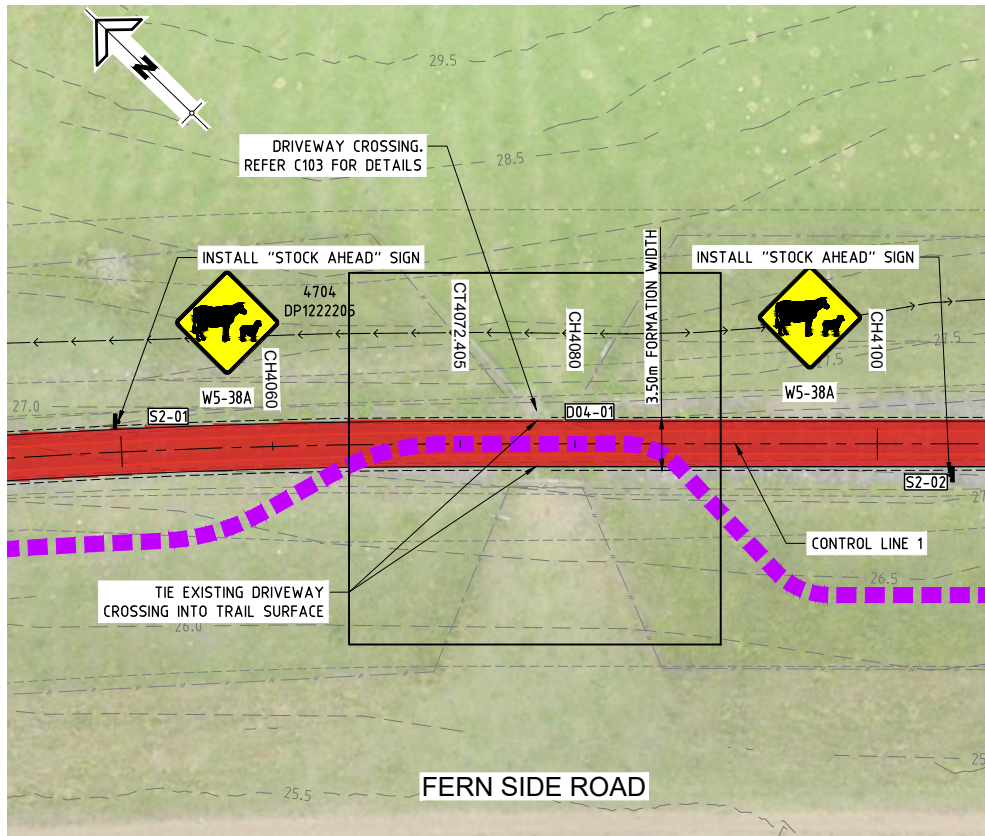
PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

DRAWING TITLE:
DRIVEWAY CROSSING PLAN - SHEET 1

DEVEL. APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C301
	VERSION: A

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FILENAME: D:\OneDrive - Durog, Vu Design Consulting Company\PROJ\ECTS\BE_2023\A01_BE220677_Northern Rivers Rail Trail - Bentley to Lismore\Asst\BE220677_C302-C306.dwg
 PLOTTED: 27 Sep 2023



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ISSUE FOR TENDER

**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



A1 ORIGINAL SIZE BEFORE REDUCTION

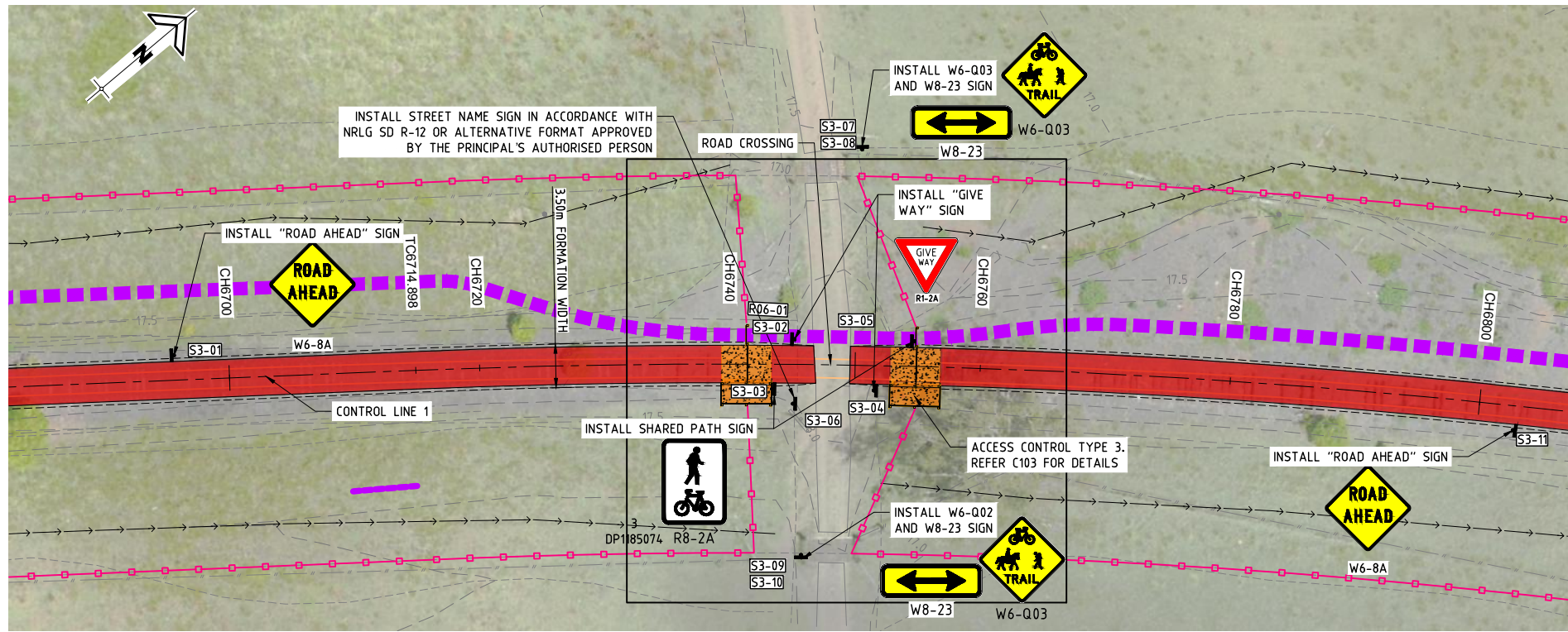
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PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

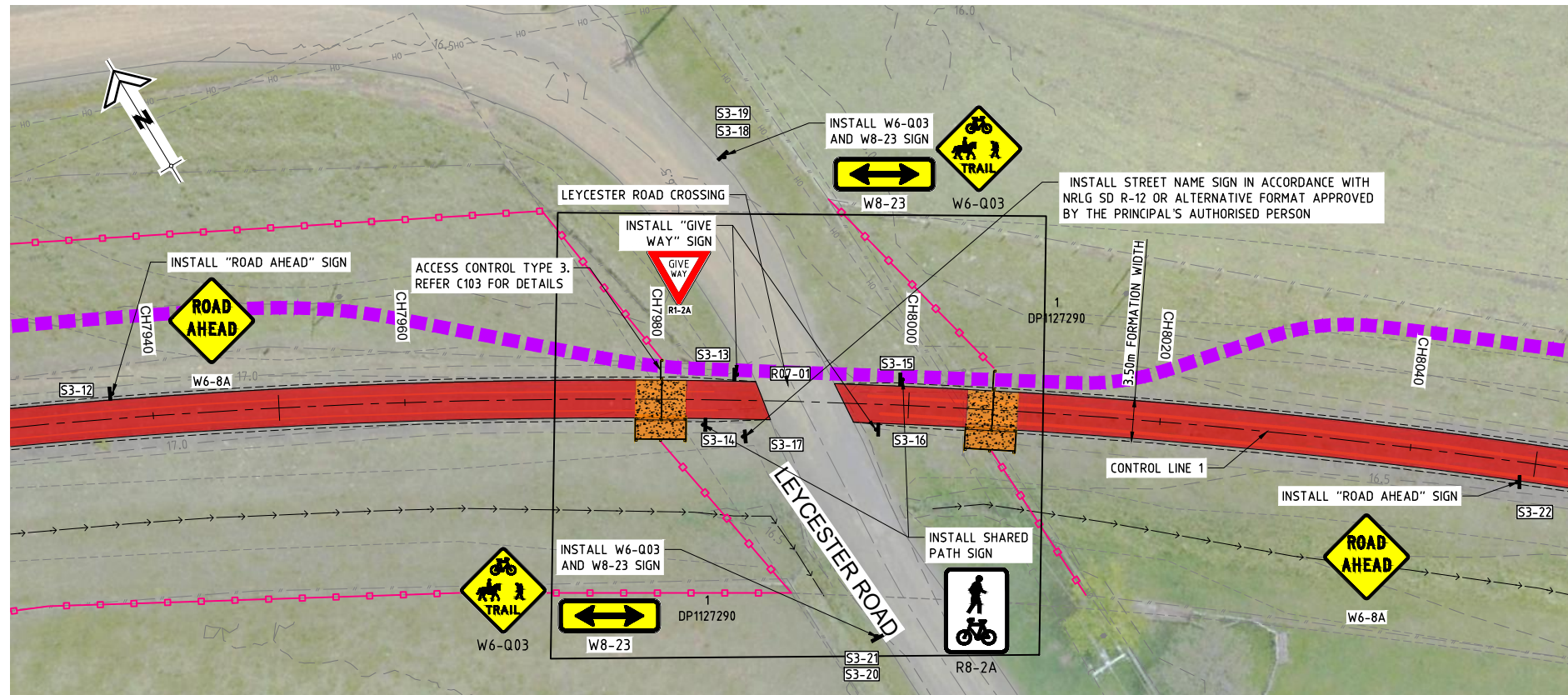
DRAWING TITLE:
DRIVEWAY CROSSING PLAN - SHEET 2

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No. : 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C302
	VERSION: A



R06-01 PLAN

SCALE 1 : 250 (FULL SIZE) (metres)



R07-01 PLAN

SCALE 1 : 250 (FULL SIZE) (metres)

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ISSUE FOR TENDER

NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL



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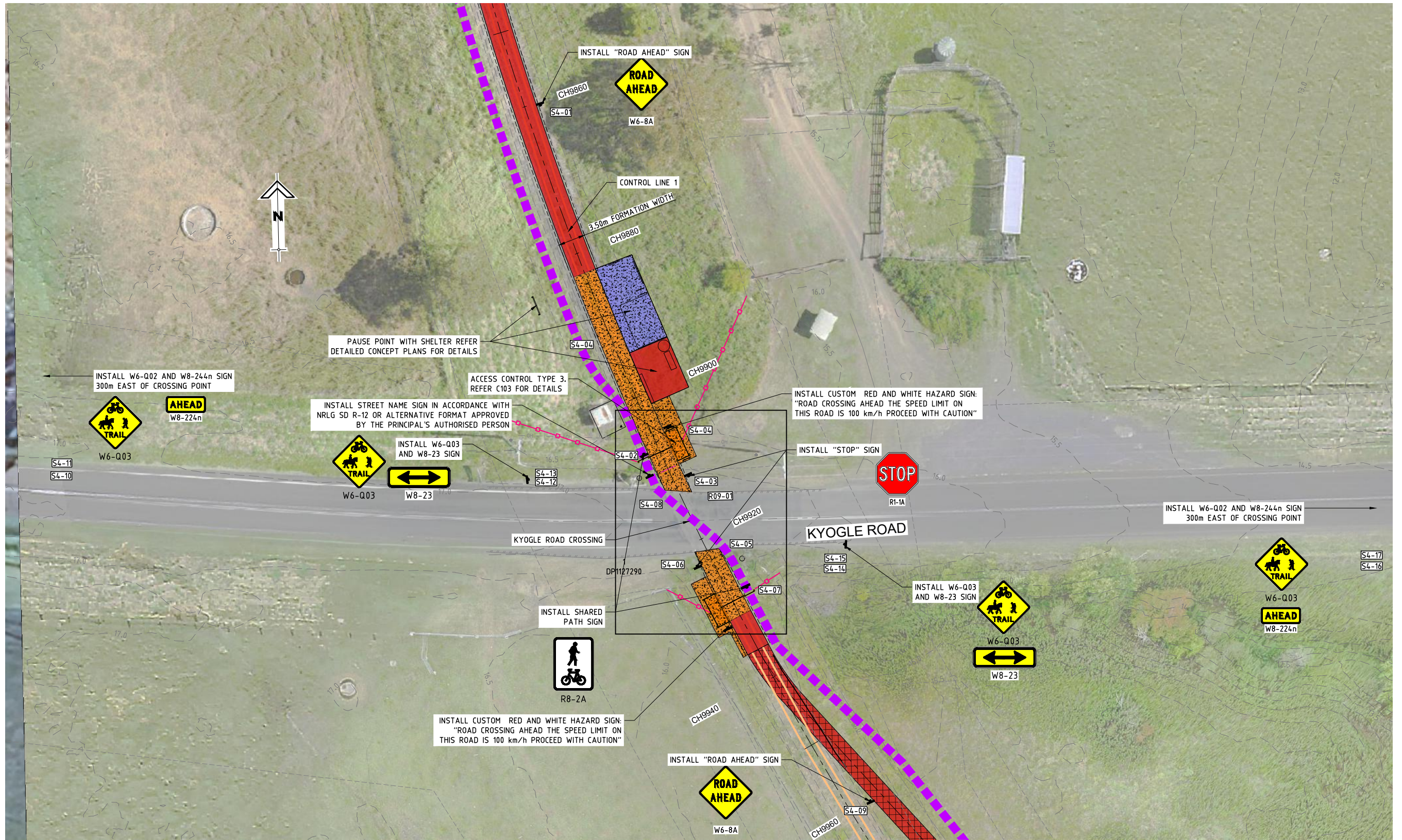


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PROJECT:
NORTHERN RIVERS RAIL
TRAIL - BENTLEY TO
LISMORE

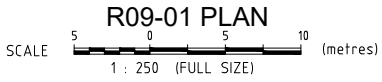
DRAWING TITLE:
DRIVEWAY
CROSSING PLAN -
SHEET 3

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C303
	VERSION: A



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**NORTHERN RIVERS RAIL TRAIL
 BENTLEY TO LISMORE
 FOR
 LISMORE CITY COUNCIL**

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VER.	DESCRIPTION	DATE
A	ISSUE FOR TENDER	19-07-23

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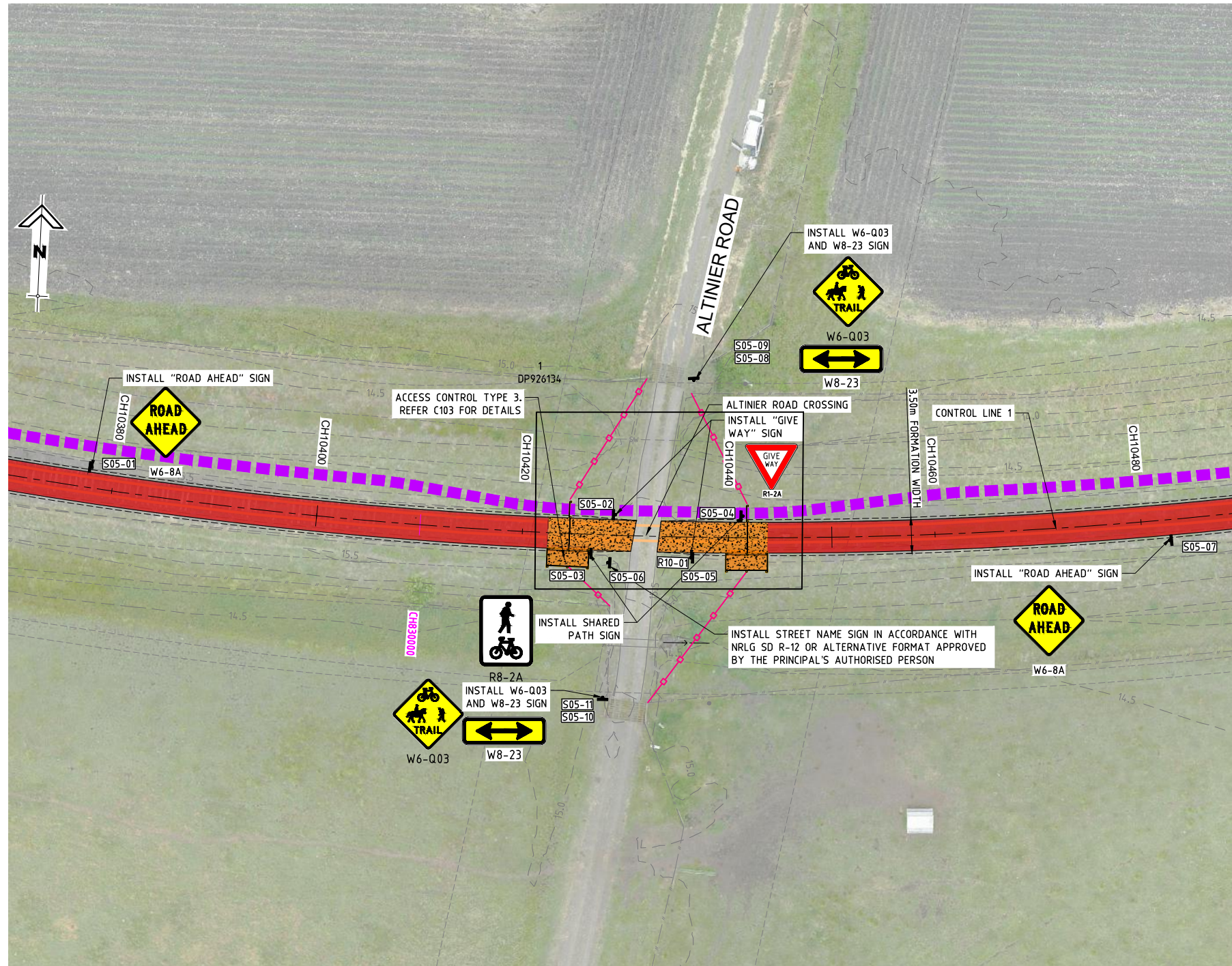
PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

DRAWING TITLE:
DRIVEWAY CROSSING PLAN - SHEET 4

DEVEL APPLIC. No.:	DATE:	19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER:	THUY VU
DRAFTSPERSON: THUY VU	CHECKED:	TOBY BENNETT
APPROVED FOR AND ON BEHALF OF Burchills Engineering Solutions ABN 76 166 942 365		
RPEQ No. : 8093		
SCALE:	DATUM:	AHD FULL SIZE: A1
PROJECT No.:	DRAWING No.:	VERSION:
BE220677	C304	A

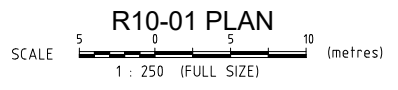
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 PLOTTED: 27 Sep 2023

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ISSUE FOR TENDER

NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
 FOR
LISMORE CITY COUNCIL



A1 ORIGINAL SIZE BEFORE REDUCTION

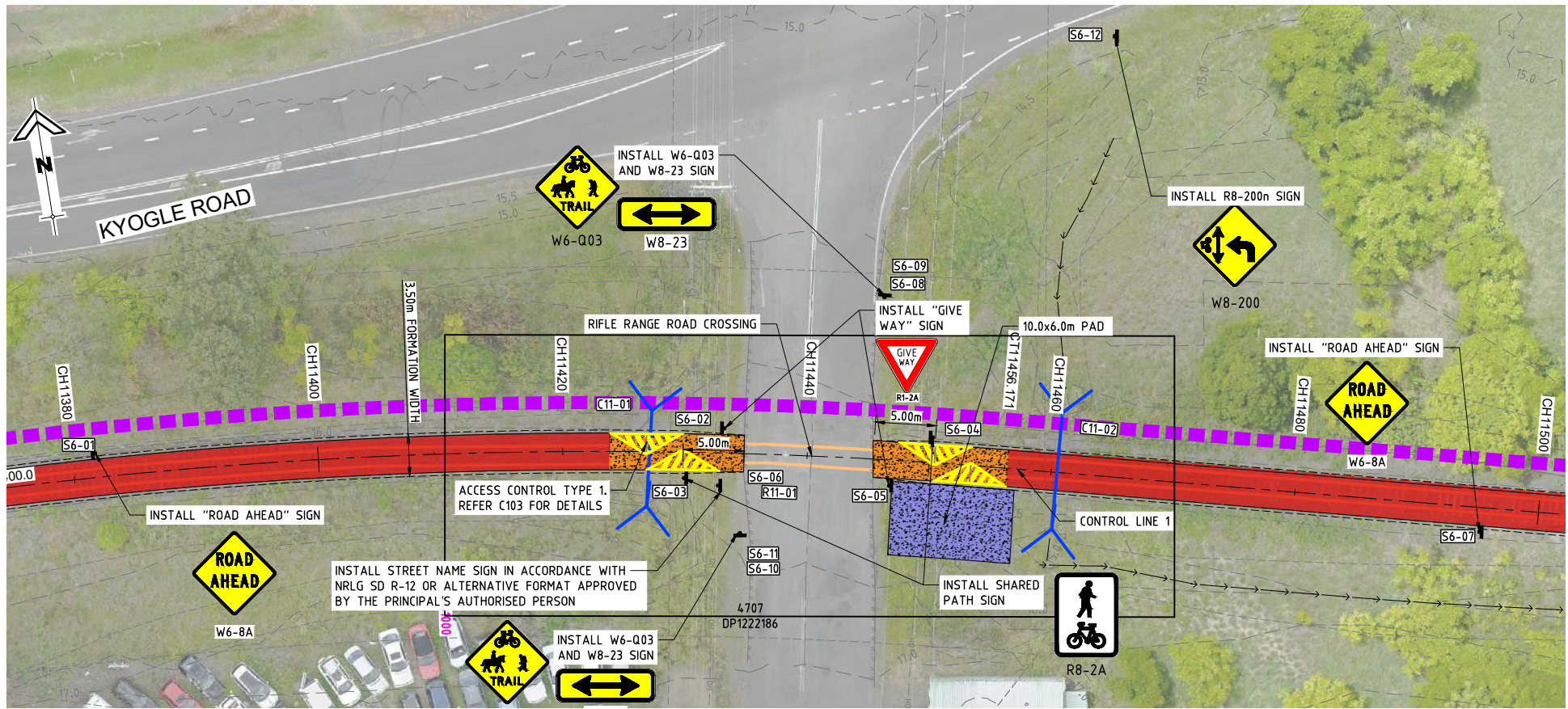
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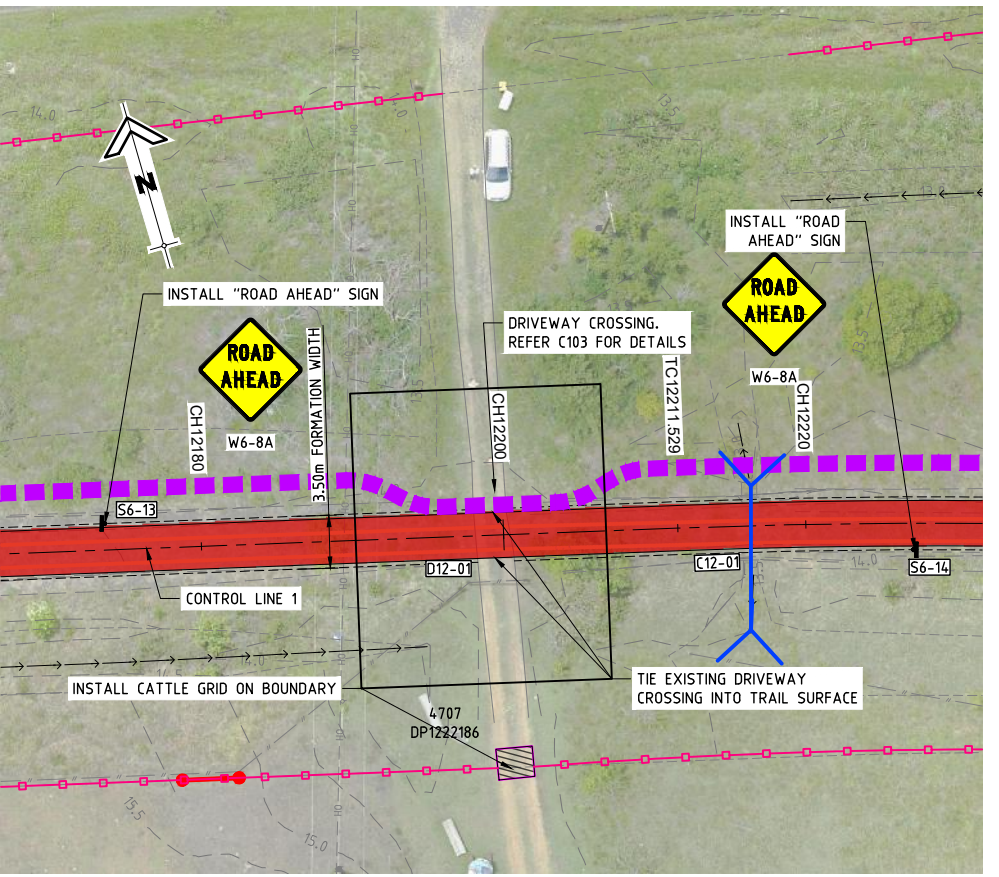
PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

DRAWING TITLE:
DRIVEWAY CROSSING PLAN - SHEET 5

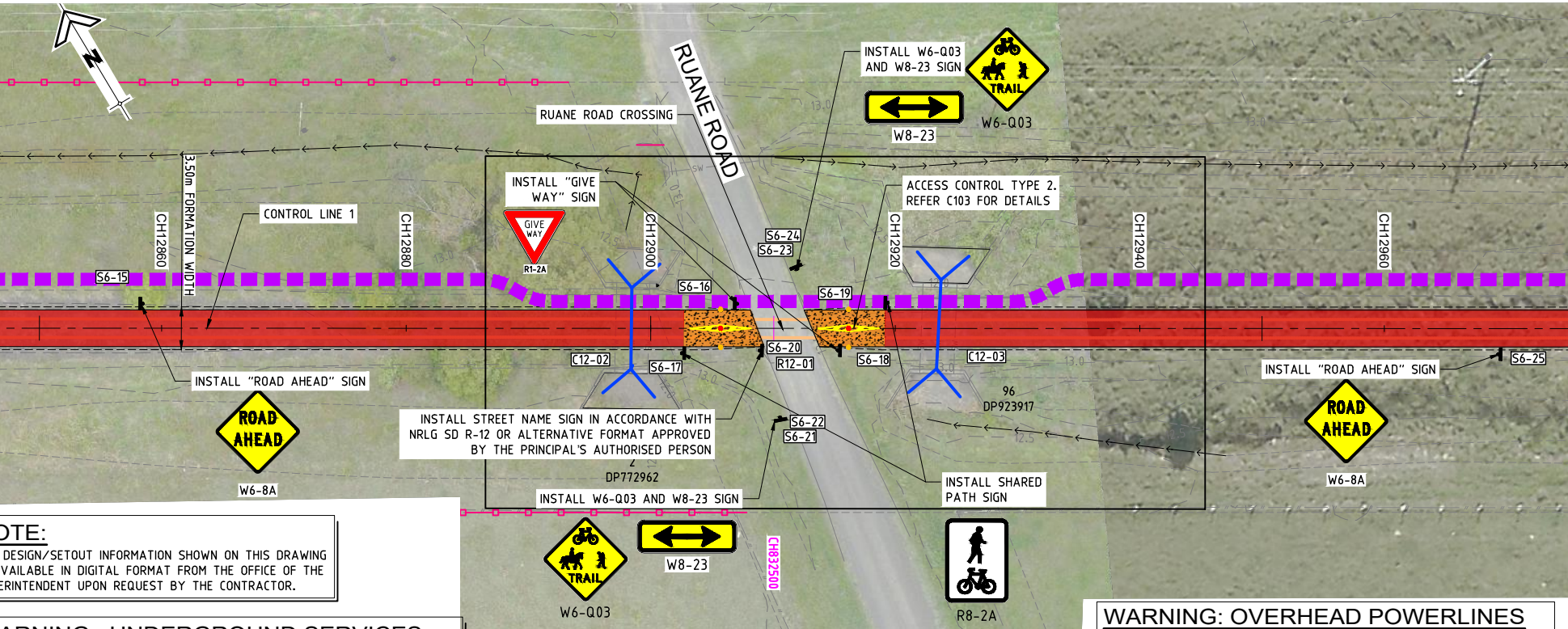
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PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU	
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT	
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365		
RPEQ No. : 8093		
SCALE:	DATUM: AHD	FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C305	VERSION: A



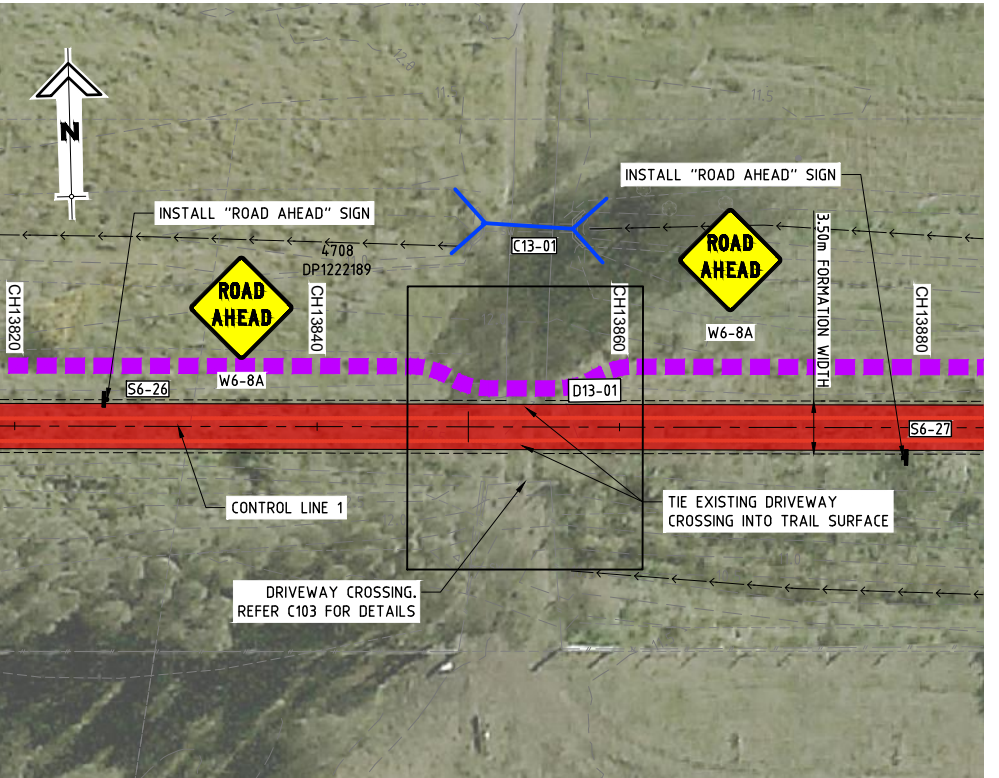
R11-01 PLAN
SCALE 1: 250 (FULL SIZE) (metres)



D12-01 PLAN
SCALE 1: 250 (FULL SIZE) (metres)



R12-01 PLAN
SCALE 1: 250 (FULL SIZE) (metres)



D13-01 PLAN
SCALE 1: 250 (FULL SIZE) (metres)

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BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



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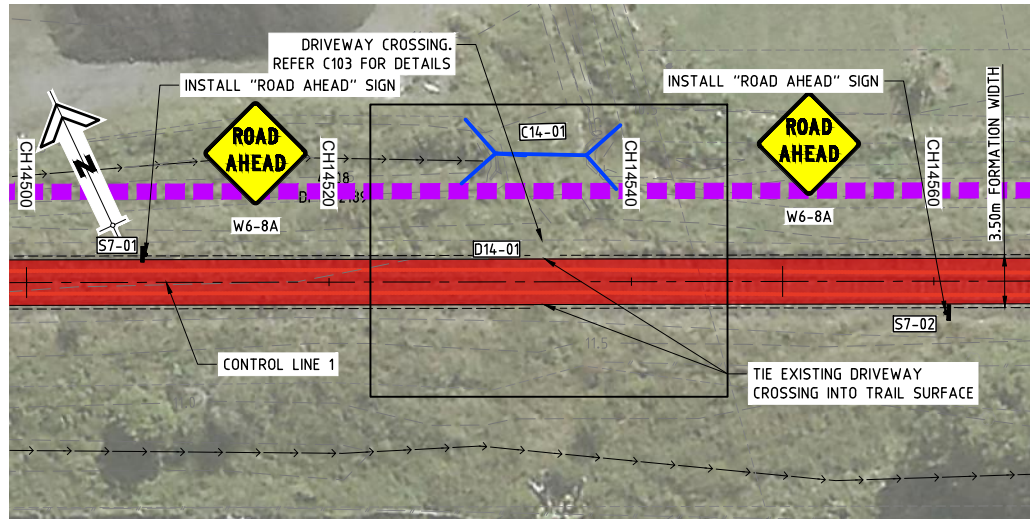
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PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

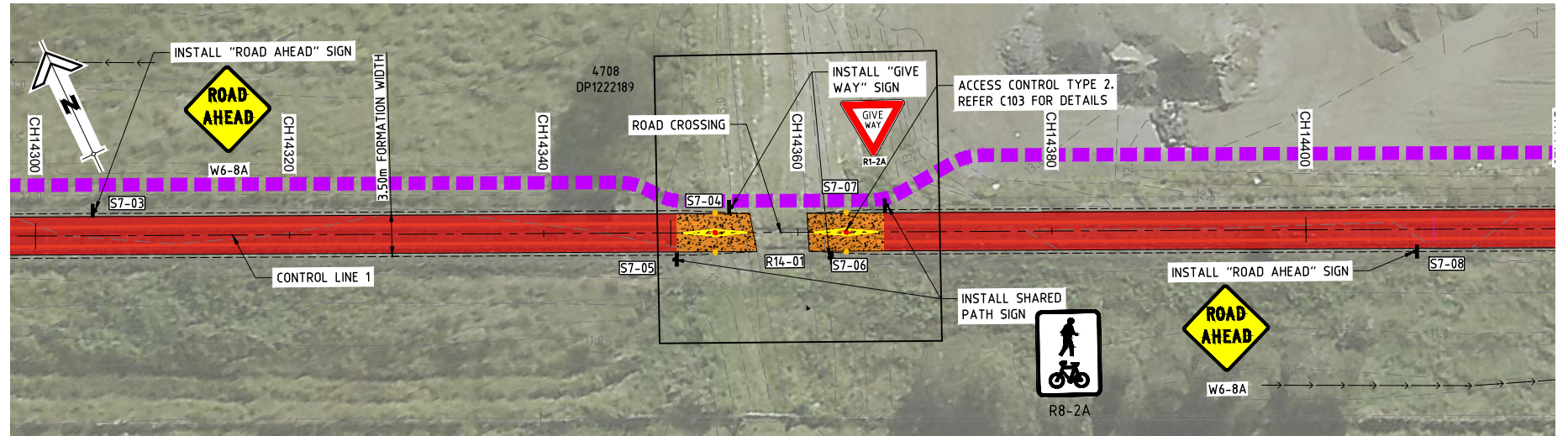
DRAWING TITLE:
DRIVEWAY CROSSING PLAN - SHEET 6

DEVEL. APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C306 VERSION: A

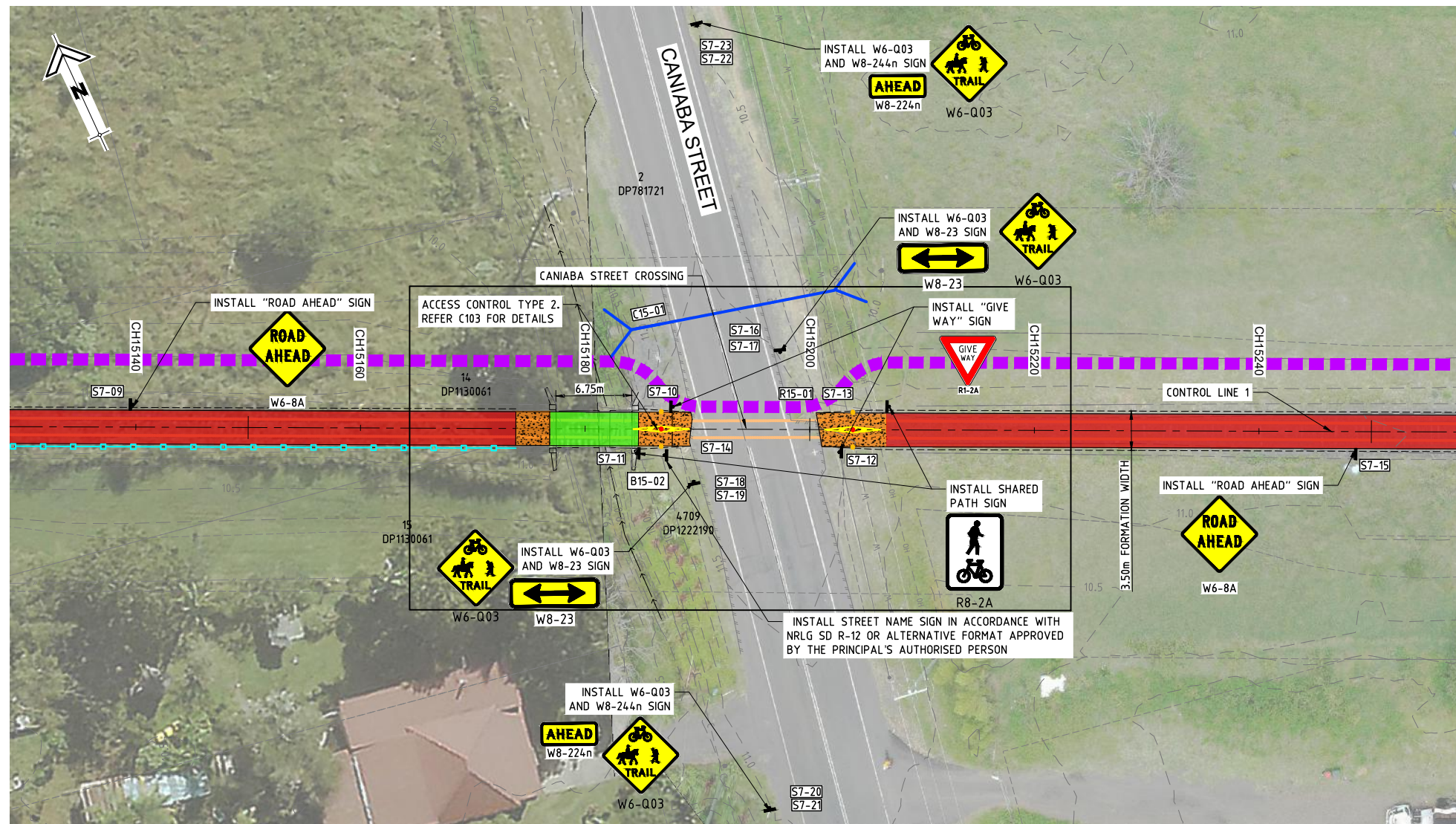
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D14-01 PLAN
SCALE 1 : 250 (FULL SIZE)



R14-01 PLAN
SCALE 1 : 250 (FULL SIZE)



R15-01 PLAN
SCALE 1 : 250 (FULL SIZE)

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**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



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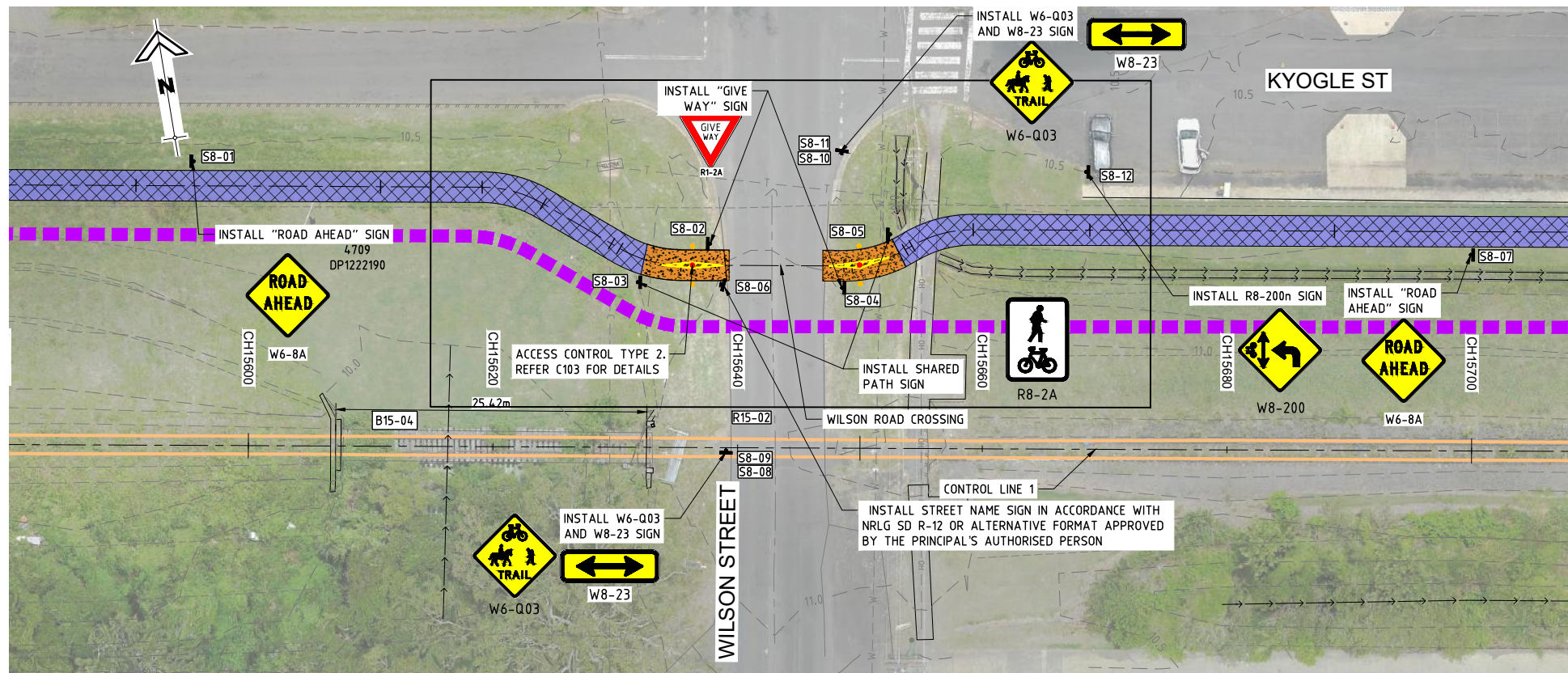
PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

DRAWING TITLE:
DRIVEWAY CROSSING PLAN - SHEET 7

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C307 VERSION: A

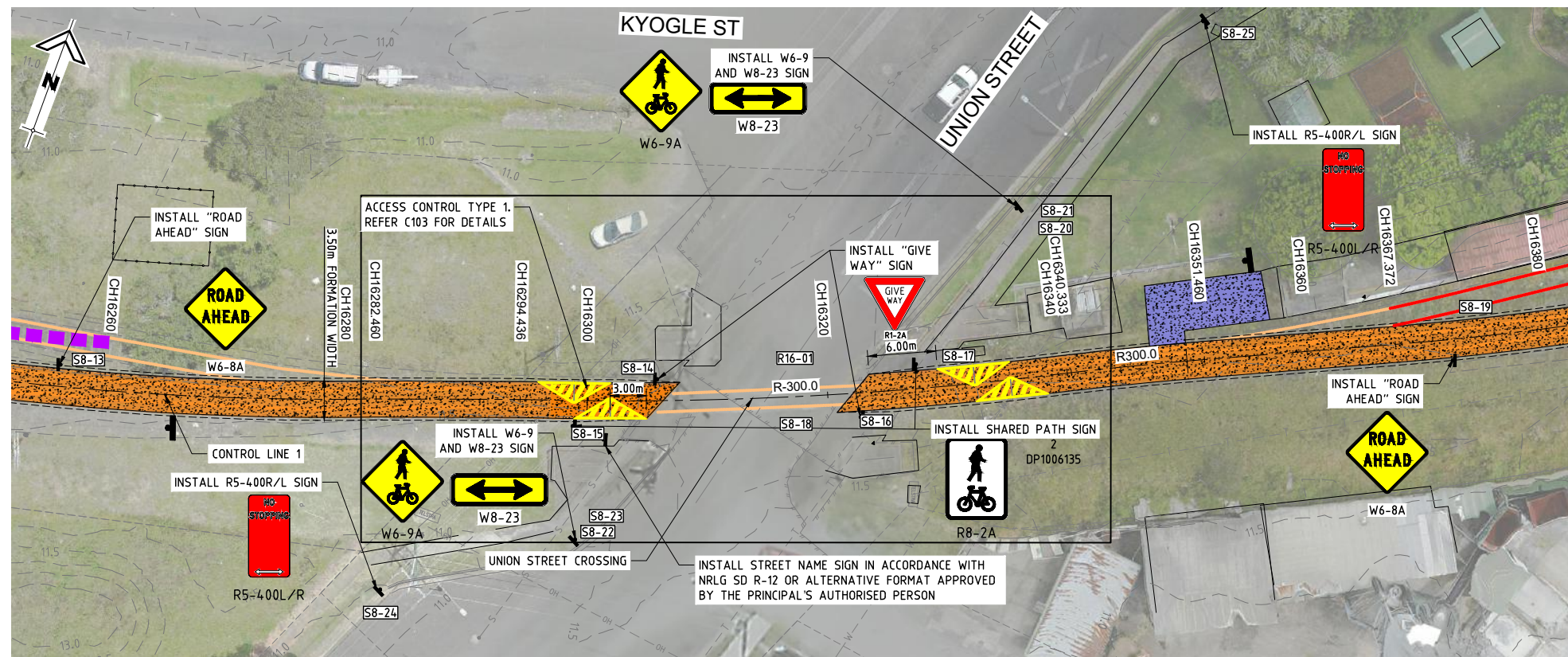
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 PLOTTED: 27 Sep 2023



R15-02 PLAN

SCALE 5 0 5 10 (metres)
1 : 250 (FULL SIZE)



R16-01 PLAN

SCALE 5 0 5 10 (metres)
1 : 250 (FULL SIZE)

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BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



A1 ORIGINAL SIZE BEFORE REDUCTION

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Coote Burchills Engineering Pty Ltd
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PROJECT:
NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

DRAWING TITLE:
DRIVEWAY CROSSING PLAN - SHEET 8

DEVEL APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
DRAFTSPERSON: THUY VU	CHECKED: TOBY BENNETT
APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365	
RPEQ No.: 8093	
SCALE:	DATUM: AHD FULL SIZE: A1
PROJECT No.: BE220677	DRAWING No.: C308
	VERSION: A

FILENAME: D:\OneDrive - Dong Vu Design Consulting Company\PROJETS\BE_2023\001_BE220677_Northern Rivers Rail Trail - Bentley to Lismore\Assets\BE220677_C309-C309.dwg
 PLOTTED: 27 Sep 2023

SIGN No.	SIGN ID	SIGN CODE	TYPE/DESCRIPTION	DETAILS
1	S1-01	W6-8A	ROAD AHEAD	MOUNT ON POST
2	S1-02	R1-2A	GIVE WAY	MOUNT ON POST
3	S1-03	R1-2A	GIVE WAY	MOUNT ON POST
4	S1-04	R8-2A	SHARED PATH	MOUNT ON POST
5	S1-05	R8-2A	SHARED PATH	MOUNT ON POST
6	S1-06	W6-8A	STREET NAME	MOUNT ON POST
7	S1-07	W6-8A	ROAD AHEAD	MOUNT ON POST
8	S1-08	W6-Q03	TRAIL CROSSING	MOUNT ON POST
9	S1-09	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S1-07
10	S1-10	W6-Q03	TRAIL CROSSING	MOUNT ON POST
11	S1-11	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S1-09
12	S1-12	W5-38A	STOCK AHEAD	MOUNT ON POST
13	S1-13	W5-38A	STOCK AHEAD	MOUNT ON POST
14	S1-14	W6-8A	ROAD AHEAD	MOUNT ON POST
15	S1-15	R1-2A	GIVE WAY	MOUNT ON POST
16	S1-16	R8-2A	SHARED PATH	MOUNT ON POST
17	S1-17	R1-2A	GIVE WAY	MOUNT ON POST
18	S1-18	R8-2A	SHARED PATH	MOUNT ON POST
19	S1-19	W6-Q03	STREET NAME	MOUNT ON POST
20	S1-20	W6-8A	ROAD AHEAD	MOUNT ON POST
21	S1-21	W6-Q03	TRAIL CROSSING	MOUNT ON POST
22	S1-22	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S1-19
23	S1-23	W6-Q03	TRAIL CROSSING	MOUNT ON POST
24	S1-24	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S1-21
25	S1-25	W6-Q03	TRAIL CROSSING	MOUNT ON POST
26	S1-26	W8-244n	AHEAD	MOUNT BELOW SIGN S4-23
27	S1-27	W5-38A	STOCK AHEAD	MOUNT ON POST
28	S1-28	W5-38A	STOCK AHEAD	MOUNT ON POST
29	S2-01	W5-38A	STOCK AHEAD	MOUNT ON POST
30	S2-02	W5-38A	STOCK AHEAD	MOUNT ON POST
31	S2-03	W6-8A	ROAD AHEAD	MOUNT ON POST
32	S2-04	R1-2A	GIVE WAY	MOUNT ON POST
33	S2-05	R8-2A	SHARED PATH	MOUNT ON POST
34	S2-06	R1-2A	GIVE WAY	MOUNT ON POST
35	S2-07	R8-2A	SHARED PATH	MOUNT ON POST
36	S2-08	W6-Q03	STREET NAME	MOUNT ON POST
37	S2-09	W6-Q03	TRAIL CROSSING	MOUNT ON POST
38	S2-10	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S2-08
39	S2-11	W6-Q03	TRAIL CROSSING	MOUNT ON POST
40	S2-12	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S2-10
41	S2-13	W6-8A	ROAD AHEAD	MOUNT ON POST
42	S2-14	W5-38A	STOCK AHEAD	MOUNT ON POST
43	S2-15	W5-38A	STOCK AHEAD	MOUNT ON POST
44	S3-01	W6-8A	ROAD AHEAD	MOUNT ON POST
45	S3-02	R1-2A	GIVE WAY	MOUNT ON POST
46	S3-03	R8-2A	SHARED PATH	MOUNT ON POST
47	S3-04	R1-2A	GIVE WAY	MOUNT ON POST
48	S3-05	R8-2A	SHARED PATH	MOUNT ON POST
49	S3-06	W8-23	STREET NAME	MOUNT ON POST
50	S3-07	W6-Q03	TRAIL CROSSING	MOUNT ON POST
51	S3-08	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S3-06
52	S3-09	W6-Q03	TRAIL CROSSING	MOUNT ON POST
53	S3-10	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S3-08
54	S3-11	W6-8A	ROAD AHEAD	MOUNT ON POST
55	S3-12	W6-8A	ROAD AHEAD	MOUNT ON POST
56	S3-13	R1-2A	GIVE WAY	MOUNT ON POST
57	S3-14	R8-2A	SHARED PATH	MOUNT ON POST
58	S3-15	R1-2A	SHARED PATH	MOUNT ON POST
59	S3-16	R8-2A	GIVE WAY	MOUNT ON POST
60	S3-17	W6-8A	ROAD AHEAD	MOUNT ON POST
61	S3-18	W6-8A	STREET NAME	MOUNT ON POST
62	S3-19	W6-Q03	TRAIL CROSSING	MOUNT BELOW SIGN S3-16

SIGN No.	SIGN ID	SIGN CODE	TYPE/DESCRIPTION	DETAILS
63	S3-20	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT ON POST
64	S3-21	W6-Q03	TRAIL CROSSING	MOUNT BELOW SIGN S3-18
65	S3-22	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT ON POST
66	S4-01	W6-8A	ROAD AHEAD	MOUNT ON POST
67	S4-02	R8-2A	SHARED PATH	MOUNT ON POST
68	S4-03	R1-1A	STOP	MOUNT ON POST
69	S4-04	CUSTOM HAZARD SIGN	MOUNT ON POST	MOUNT ON POST
70	S4-05	R1-1A	SHARED PATH	MOUNT ON POST
71	S4-06	R8-2A	STOP	MOUNT ON POST
72	S4-07	CUSTOM HAZARD SIGN	MOUNT ON POST	MOUNT ON POST
73	S4-08	W6-Q03	STREET NAME	MOUNT ON POST
74	S4-09	W6-8A	ROAD AHEAD	MOUNT ON POST
75	S4-10	W6-Q03	TRAIL CROSSING	MOUNT ON POST
76	S4-11	W8-244n	AHEAD	MOUNT BELOW SIGN S4-07
77	S4-12	W6-Q03	TRAIL CROSSING	MOUNT ON POST
78	S4-13	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S4-09
79	S4-14	W6-Q03	TRAIL CROSSING	MOUNT ON POST
80	S4-15	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S4-11
81	S4-16	W6-Q03	TRAIL CROSSING	MOUNT ON POST
82	S4-17	W8-244n	AHEAD	MOUNT BELOW SIGN S4-13
83	S05-01	W6-8A	ROAD AHEAD	MOUNT ON POST
84	S05-02	R1-2A	GIVE WAY	MOUNT ON POST
85	S05-03	R8-2A	SHARED PATH	MOUNT ON POST
86	S05-04	R8-2A	SHARED PATH	MOUNT ON POST
87	S05-05	R1-2A	GIVE WAY	MOUNT ON POST
88	S05-06	R1-2A	STREET NAME	MOUNT ON POST
89	S05-07	W6-8A	ROAD AHEAD	MOUNT ON POST
90	S05-08	W6-8A	TRAIL CROSSING	MOUNT ON POST
91	S05-09	W6-Q03	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S5-07
92	S05-10	W6-8A	TRAIL CROSSING	MOUNT ON POST
93	S05-11	W6-Q03	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S5-09
94	S6-01	W6-8A	ROAD AHEAD	MOUNT ON POST
95	S6-02	R1-2A	GIVE WAY	MOUNT ON POST
96	S6-03	R8-2A	SHARED PATH	MOUNT ON POST
97	S6-04	R8-2A	SHARED PATH	MOUNT ON POST
98	S6-05	R1-2A	GIVE WAY	MOUNT ON POST
99	S6-06	W6-8A	STREET NAME	MOUNT ON POST
100	S6-07	W6-8A	ROAD AHEAD	MOUNT ON POST
101	S6-08	W6-Q03	TRAIL CROSSING	MOUNT ON POST
102	S6-09	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S6-07
103	S6-10	W6-Q03	TRAIL CROSSING	MOUNT ON POST
104	S6-11	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S6-09
105	S6-12	W8-200N	BIKE CROSSING ON SIDE STREET	MOUNT ON POST
106	S6-13	W6-8A	ROAD AHEAD	MOUNT ON POST
107	S6-14	W6-8A	ROAD AHEAD	MOUNT ON POST
108	S6-15	W6-8A	ROAD AHEAD	MOUNT ON POST
109	S6-16	R1-2A	GIVE WAY	MOUNT ON POST
110	S6-17	R8-2A	SHARED PATH	MOUNT ON POST
111	S6-18	R1-2A	GIVE WAY	MOUNT ON POST
112	S6-19	R8-2A	SHARED PATH	MOUNT ON POST
113	S6-20	W6-8A	STREET NAME	MOUNT ON POST
114	S6-21	W6-Q03	TRAIL CROSSING	MOUNT ON POST
115	S6-22	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S6-20
116	S6-23	W6-Q03	TRAIL CROSSING	MOUNT ON POST
117	S6-24	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S6-20
118	S6-25	W6-8A	ROAD AHEAD	MOUNT ON POST
119	S6-26	W6-8A	ROAD AHEAD	MOUNT ON POST
120	S6-27	W6-8A	ROAD AHEAD	MOUNT ON POST
121	S7-01	W6-8A	ROAD AHEAD	MOUNT ON POST
122	S7-02	W6-8A	ROAD AHEAD	MOUNT ON POST
123	S7-03	W6-8A	ROAD AHEAD	MOUNT ON POST
124	S7-04	R1-2A	GIVE WAY	MOUNT ON POST

SIGN No.	SIGN ID	SIGN CODE	TYPE/DESCRIPTION	DETAILS
125	S7-05	R8-2A	SHARED PATH	MOUNT ON POST
126	S7-06	R1-2A	GIVE WAY	MOUNT ON POST
127	S7-07	R8-2A	SHARED PATH	MOUNT ON POST
128	S7-08	W6-8A	ROAD AHEAD	MOUNT ON POST
129	S7-09	W6-8A	ROAD AHEAD	MOUNT ON POST
130	S7-10	R1-2A	GIVE WAY	MOUNT ON POST
131	S7-11	R8-2A	SHARED PATH	MOUNT ON POST
132	S7-12	R1-2A	GIVE WAY	MOUNT ON POST
133	S7-13	R8-2A	SHARED PATH	MOUNT ON POST
134	S7-14	W6-8A	STREET NAME	MOUNT ON POST
135	S7-15	W6-8A	ROAD AHEAD	MOUNT ON POST
136	S7-16	W6-Q03	TRAIL CROSSING	MOUNT ON POST
137	S7-17	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S7-15
138	S7-18	W6-Q03	TRAIL CROSSING	MOUNT ON POST
139	S7-19	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S7-17
140	S7-20	W6-Q03	TRAIL CROSSING	MOUNT ON POST
141	S7-21	W8-244n	AHEAD	MOUNT BELOW SIGN S7-19
142	S7-22	W6-Q03	TRAIL CROSSING	MOUNT ON POST
143	S7-23	W8-244n	AHEAD	MOUNT BELOW SIGN S9-21
144	S8-01	W6-8A	ROAD AHEAD	MOUNT ON POST
145	S8-02	R1-2A	GIVE WAY	MOUNT ON POST
146	S8-03	R8-2A	SHARED PATH	MOUNT ON POST
147	S8-04	R1-2A	GIVE WAY	MOUNT ON POST
148	S8-05	R8-2A	SHARED PATH	MOUNT ON POST
149	S8-06	R8-2A	STREET NAME	MOUNT ON POST
150	S8-07	W6-8A	ROAD AHEAD	MOUNT ON POST
151	S8-08	W6-Q03	TRAIL CROSSING	MOUNT ON POST
152	S8-09	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S8-07
153	S8-10	W6-Q03	TRAIL CROSSING	MOUNT ON POST
154	S8-11	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S8-09
155	S8-12	W8-200N	BIKE CROSSING ON SIDE STREET	MOUNT ON POST
156	S8-13	W6-8A	ROAD AHEAD	MOUNT ON POST
157	S8-14	R1-2A	GIVE WAY	MOUNT ON POST
158	S8-15	R8-2A	SHARED PATH	MOUNT ON POST
159	S8-16	R1-2A	GIVE WAY	MOUNT ON POST
160	S8-17	R8-2A	SHARED PATH	MOUNT ON POST
161	S8-18		STREET NAME	MOUNT ON POST
162	S8-19	W6-8A	ROAD AHEAD	MOUNT ON POST
163	S8-20	W6-9	BICYCLE PEDESTRIAN WARNING SIGN	MOUNT ON POST
164	S8-21	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S8-18
165	S8-22	W6-9	BICYCLE PEDESTRIAN WARNING SIGN	MOUNT ON POST
166	S8-23	W8-23	ARROW SUPPLEMENTARY PLATE	MOUNT BELOW SIGN S8-20
167	S8-24	R5-400R/L	NO STOPPING	MOUNT ON POST
168	S8-25	R5-400R/L	NO STOPPING	MOUNT ON POST
169	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH240
170	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH300
171	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH3700
172	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH3780
173	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH7080
174	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH7253
175	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH9970
176	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH10140
177	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH10670
178	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH10800
179	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH13700
180	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH13770
181	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH13920
182	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH14200
183	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH14810
184	-	D4-1-1	BRIDGE CLOSED	MOUNT ON POST AT CH14895
185	-	W5-53	HORSE & RIDER	MOUNT ON POST AT CH16255
186	-	G9-58A	CYCLIST DISMOUNT	MOUNT ON POST AT CH16350

ISSUE FOR TENDER

**NORTHERN RIVERS RAIL TRAIL
BENTLEY TO LISMORE
FOR
LISMORE CITY COUNCIL**



A1 ORIGINAL SIZE BEFORE REDUCTION

REV.	DESCRIPTION	DATE
A	ISSUE FOR TENDER	19-07-23

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NORTHERN RIVERS RAIL TRAIL - BENTLEY TO LISMORE

DRAWING TITLE:
PROPOSED SIGNAGE SCHEDULE

DEVEL. APPLIC. No.:	DATE: 19-07-2023
PROJECT LEADER: TOBY BENNETT	DESIGNER: THUY VU
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