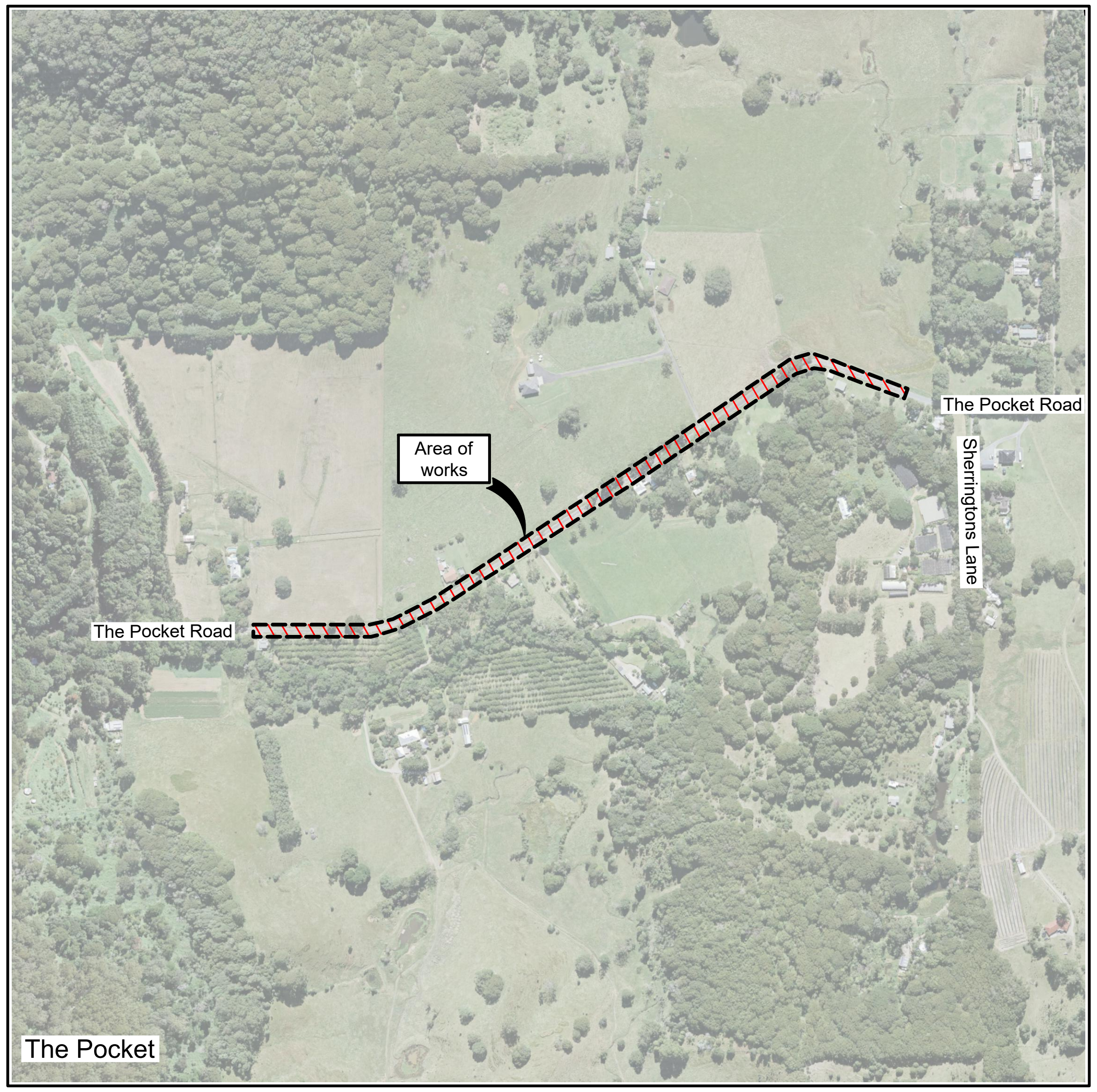
The Pocket Road, The Pocket
Stage 2 Works (Ch.2,810 - 3,690)

Byron Shire Council

Approval
on behalf of the General Manager
....
Director Infrastructure Services
Date: ....31.01.2022....



Locality sketch

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Issue A, B, C, etc. = Preliminary approvals / tender drawings (NOT FOR CONSTRUCTION)
Issue 1, 2, 3, etc. = construction issue drawings

Project No
2745

ISSUED FOR CONSTRUCTION
DATE ....03.02.2022....

PROJECT NUMBER:	
2745	
DRAWING NUMBER	ISSUE
2745-01	1

ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg

GENERAL

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE RELEVANT NORTHERN RIVERS LOCAL GOVERNMENT DEVELOPMENT DESIGN AND CONSTRUCTION MANUALS AND STANDARD DRAWINGS.
2. THIS NOTE AND THE FOLLOWING NOTES FORM AN INTEGRAL PART OF THIS DRAWING SET.
3. ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE.
4. DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWINGS.
5. MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS, TOGETHER WITH THE REQUIREMENTS OF ALL APPLICABLE CODES OF PRACTICE, AUSTRALIAN STANDARDS AND STATUTORY AUTHORITIES.
6. SURVEY DATA HAS BEEN COMPILED FROM FIELD PICK-UPS AND OFFICE RECORDS. THE PROJECT MANAGER SHOULD ENSURE THAT SUFFICIENT DATA IS SHOWN TO ENABLE CONSTRUCTION WITHOUT DISTURBANCE TO FEATURES THAT ARE NOT SHOWN ON THE DRAWINGS.
7. SERVICES SHOWN HEREON HAVE BEEN LOCATED WHERE VISIBLE ON THE SITE, FROM INFORMATION RECEIVED FROM RELEVANT AUTHORITIES AND FROM HISTORICAL RECORDS HELD BY BYRON SHIRE COUNCIL.
8. PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON SITE, THE RELEVANT AUTHORITIES SHOULD BE CONTACTED FOR POSSIBLE LOCATION OF FURTHER UNDERGROUND SERVICES AND DETAILED LOCATION OF ALL SERVICES (DIAL BEFORE YOU DIG 1100).
9. THE TITLE BOUNDARIES SHOWN HEREON WERE NOT FIELD INVESTIGATED OR MARKED AT THE TIME OF SURVEY AND HAVE BEEN DETERMINED BY PLAN DIMENSIONS ONLY.
10. THE ORIGIN OF CO-ORDINATES IS MGA.
11. THE DATUM FOR LEVELS IS AHD.

SITE WORKS

1. ALL SOILS CONTAINING ORGANIC MATTER (E.G. ROOTS, GRASS ETC.) MUST BE STRIPPED FROM THE CONSTRUCTION SITE PRIOR TO FILLING / BUILDING WORKS AND MUST NOT BE USED AS FILL MATERIAL.
2. ALL EXPOSED SURFACES SHALL BE GRASSED OR PAVED TO PREVENT SCOUR AND EROSION DAMAGE.
3. THE CONSTRUCTOR IS RESPONSIBLE FOR IMPLEMENTING ALL NECESSARY SEDIMENTATION AND EROSION CONTROL MEASURES SPECIFIED OR DEEMED NECESSARY TO PROTECT THE WORKS AND ADJACENT AREAS.
4. THE CONSTRUCTOR IS RESPONSIBLE FOR THE MAINTENANCE AND MANAGEMENT OF A TEMPORARY AND / OR PERMANENT EROSION AND SEDIMENTATION CONTROLS DURING THE CONSTRUCTION AND MAINTENANCE PERIOD.
5. ALL OVERSIZED MATERIAL, WHICH MAY IMPEDE COMPACTION, MUST BE REMOVED FROM THE FILL PLATFORM.
6. FILL IS TO BE UNIFORMLY COMPACTED IN UP TO 200-300mm HORIZONTAL LAYERS AND MUST ACHIEVE A MINIMUM STANDARD OF COMPACTION OF GREATER THAN 95% STANDARD COMPACTION TO AS 1289 FOR COHESIVE SOILS, OR A DENSITY INDEX OF GREATER THAN 65% FOR COHESIONLESS SOILS. BENCHING OF THE NATURAL GROUND WILL BE REQUIRED ON SLOPING GROUND PRIOR TO COMMENCEMENT OF FILL OPERATIONS.
7. CLAYS OF HIGH PLASTICITY OR HIGH IN-SITU MOISTURE CONTENT ARE NOT TO BE USED AS FILL.
8. AN IMPORTED GRANULAR FILL WITH A PLASTICITY INDEX PREFERABLY LESS THAN 15%, WITH NO EXCESSIVE OVERSIZED MATERIAL, MAY BE USED.
9. FIELD DENSITY TESTS, OR EQUIVALENT, SHOULD BE CARRIED OUT TO VERIFY THAT THE STANDARD OF COMPACTION IS ACHIEVED. FIELD DENSITY TESTS ARE TO BE TAKEN OVER THE FULL DEPTH OF THE LAYER OR FROM THE BOTTOM OF THE LAYER.

RESTORATION OF SURFACES

1. THE CONSTRUCTOR SHALL CLEAN PAVEMENTS, LAWNS AND OTHER IMPROVED AREAS AND LEAVE THEM IN THE SAME ORDER AS THEY WERE AT THE COMMENCEMENT OF THE WORKS. THE CONSTRUCTOR SHALL RESTORE ANY FENCING REMOVED DURING CONSTRUCTION AND SHALL RESTORE LAWNS WITH TURF CUT AND SET ASIDE FROM THE ORIGINAL SURFACE AND WITH IMPORTED TURF FROM A SOURCE APPROVED BY THE CONSTRUCTION ENGINEER. (WSA 02 2002 PART 3, SECTION 25).
2. IMMEDIATELY AFTER BACKFILLING OF A TRENCH EXCAVATED THROUGH A PAVEMENT HAS BEEN COMPLETED, THE CONSTRUCTOR SHALL TEMPORARILY RESTORE THE PAVEMENT. WHERE THE TRENCH CROSSES BITUMEN OR CONCRETE PAVEMENT, THE SURFACE IS TO BE PROTECTED FROM DETERIORATION. A PRE-MIXED ASPHALTIC MATERIAL MAY BE USED FOR SUCH TEMPORARY RESTORATION. THE CONSTRUCTOR SHALL MAINTAIN THE TEMPORARY RESTORATION UNTIL FINAL RESTORATION IS CARRIED OUT. FINAL RESTORATION OF THE PAVEMENT SHALL BE CARRIED OUT TO RESTORE THE PAVEMENT AND ITS SUB-BASE TO NO LESS THAN THE ORIGINAL CONDITION. FINAL RESTORATION MAY INCLUDE, IF REQUIRED BY THE CONSTRUCTION ENGINEER, THE REMOVAL OF TEMPORARY RESTORATION.
3. IN OTHER THAN ROADWAYS, THE CONSTRUCTOR SHALL PLACE THE BACKFILL SUFFICIENTLY HIGH TO COMPENSATE FOR EXPECTED SETTLEMENT AND FURTHER BACKFILLING SHALL BE CARRIED OUT OR THE ORIGINAL BACKFILL TRIMMED AT THE END OF THE DEFECTS LIABILITY PERIOD IN ORDER THAT THE SURFACE OF THE COMPLETED TRENCH MAY THEN CONFORM WITH THE ADJACENT SURFACE. SURPLUS MATERIAL SHALL BE REMOVED AND DISPOSED OF TO AREAS ARRANGED BY THE CONSTRUCTOR. WHERE DRY WEATHER CONDITIONS HAVE PERSISTED AFTER THE ORIGINAL BACKFILLING, INCLUDING DURING THE DEFECTS LIABILITY PERIOD, THE CONSTRUCTOR SHALL TAKE ALL NECESSARY STEPS TO CONSOLIDATE THE TRENCH BEFORE REMOVING SURPLUS MATERIALS FROM THE SITE.
4. IN LOCATIONS WHERE, IN THE OPINION OF THE CONSTRUCTION ENGINEER, SURPLUS MATERIAL LEFT IN THE VICINITY OF THE TRENCH WOULD NOT BE OBJECTIONABLE, THE SURPLUS MATERIAL MAY BE DISPOSED BY SPREADING NEATLY IN THE VICINITY OF THE TRENCH TO THE SATISFACTION OF THE CONSTRUCTION ENGINEER IN SUCH A WAY AS TO AVOID FUTURE EROSION OF THE BACKFILL AND ADJACENT GROUND SURFACES. THE CONSTRUCTOR SHALL MAINTAIN THE BACKFILL AND ADJACENT GROUND UNTIL THE EXPIRY OF THE DEFECTS LIABILITY PERIOD.
5. WHERE, WITHIN PUBLIC OR PRIVATE PROPERTY, THE REASONABLE CONVENIENCE OF PERSONS WILL REQUIRE SUCH, THE CONSTRUCTION ENGINEER MAY ORDER THE CONSTRUCTOR TO LEVEL TRENCHES AT THE TIME OF BACKFILLING. THE CONSTRUCTOR SHALL MAKE GOOD ANY SUBSEQUENT SETTLEMENT, AS REQUIRED BY PLACING ADDITIONAL FILL.
6. THE CONSTRUCTOR SHALL IMMEDIATELY RESTORE ANY DAMAGED OR DISTURBED PRIVATE PROPERTY AND SERVICES.
7. SHOULD THE CONSTRUCTOR ELECT TO TUNNEL UNDER PAVING, KERB AND GUTTER OR OTHER IMPROVED SURFACES IN LIEU OF TRENCHING, BACKFILLING SHALL BE SO CARRIED OUT AS TO RESTORE FULL SUPPORT TO THOSE SURFACES. THE CONSTRUCTOR SHALL REMAIN RESPONSIBLE FOR THE REPAIR OF THE IMPROVED SURFACES, IF SUBSEQUENTLY DAMAGED DUE TO SUBSIDENCE OF THE BACKFILL, UNTIL THE END OF THE DEFECTS LIABILITY PERIOD.
8. THE CONSTRUCTOR SHALL PROVIDE NOTICE TO AFFECTED PROPERTY OWNERS OF ANY PENDING WORKS.

DRIVEWAYS

1. ALL EXISTING DRIVEWAYS AFFECTED BY NEW WORKS ARE TO BE CUT BACK, REMOVED & RECONSTRUCTED USING MATERIAL TO MATCH EXISTING.
2. THE CONSTRUCTOR SHALL LIAISE WITH THE PROPERTY OWNERS REGARDING ANY VARIATION TO THE ABOVE.
3. RECONSTRUCTION OF EXISTING CONCRETE DRIVEWAY OR PATHWAY IS TO BE IN ACCORDANCE WITH NORTHERN RIVERS LOCAL GOVERNMENT D1.37 AND D1.38 "HANDBOOK FOR DRIVEWAY ACCESS TO PROPERTY" AND RELEVANT STANDARD DRAWINGS .
4. RECONSTRUCTION OF EXISTING BITUMEN SEALED DRIVEWAY SHALL BE OF SIMILAR CONSTRUCTION TO THAT OF THE EXISTING WITH A COMPACTED GRAVEL BASE COURSE

EXISTING SERVICES

1. THE CONSTRUCTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF EXISTING SERVICES PRIOR TO COMMENCING WITH THE WORKS.
2. THE CONSTRUCTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY EXISTING SERVICES DAMAGED DURING CONSTRUCTION WITH NEW SERVICES OF EQUIVALENT TYPE AND SPECIFICATIONS.
3. THE CONSTRUCTOR SHALL BE RESPONSIBLE FOR LIASING WITH TELECOMMUNICATIONS AND ELECTRICAL SUPPLY AUTHORITIES WITH SUPPLY AND FITMENT OF REPLACEMENT TELECOMMUNICATIONS AND ELECTRICITY PITS AND/OR LIDS TO SUIT HIS WORKS PROGRAM
4. WHEN CONSTRUCTING OR WORKING NEAR EXISTING PRESSURE MAINS IT SHOULD BE EXPECTED THAT THERE ARE CONCRETE THRUST BLOCKS LOCATED AT BENDS OR OTHER FITTINGS ON THE EXISTING MAIN. IT IS VERY IMPORTANT NOT TO DISTURB THE BEARING SOIL BEHIND THE THRUST BLOCK TO AVOID FAILURE OF THE EXISTING PRESSURE MAIN. IF EXCAVATION AROUND EXISTING THRUST BLOCKS CAN NOT BE AVOIDED THEN THE EXISTING PRESSURE MAIN SHALL BE TAKEN OFF LINE DURING THE EXCAVATION WORKS.

CONCRETE

ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH A.S.3600, CURRENT EDITION WITH AMENDMENTS

1. CONCRETE QUALITY (UNLESS OTHERWISE SHOWN) SHALL BE AS FOLLOWS
- COURSE AGGREGATE - MAXIMUM SIZE 20mm
- CEMENT - TYPE "A" PORTLAND CEMENT.
- CONCRETE SHALL HAVE THE FOLLOWING SLUMP DURING PLACEMENT
  - BEAMS ,SLABS AND FOOTINGS 80mm
  - COLUMNS AND WALLS 80mm

3. SLAB JOINTS SHALL BE PLACED AS FOLLOWS
- FOOTPATHS - AS PER NORTHERN RIVERS LOCAL GOVERNMENT STANDARD DRAWING R-07
- SLABS AND WALLS - REFER TO SLAB JOINTING PLAN WITHIN THIS DRAWING SET
- SLAB SAWN JOINTS SHALL BE CUT WITHIN 24 HOURS OF SLAB POURING IN A NEAT AND STRAIGHT CUT.

4. ALL SPLATTER TO SURROUNDING SURFACES SHALL BE CLEANED UP IMMEDIATELY
5. COVER TO REINFORCEMENT SHALL BE OBTAINED BY THE USE OF PLASTIC BAR CHAIRS WITH MAXIMUM SPACING OF 800mm IN ANY DIRECTION
6. ALL CONCRETE SHALL BE COMPACTED USING HIGH FREQUENCY VIBRATORS.
7. CURING OF CONCRETE SURFACES SHALL COMMENCE IMMEDIATELY AFTER SURFACES ARE FINISHED AND SHALL CONTINUE TO CURE FOR A MINIMUM OF 7 DAYS
8. SLABS WITH SPECIFIC ROUGH FINISHES SHALL BE KEPT FREE OF BLEED WATER AND FLOATED TO PREVENT THE FORMATION OF PLASTIC SHRINKAGE CRACKS.

CONSTRUCTION

FOR CONSTRUCTION

ISSUE	AMENDMENT DETAILS	DRAWN	CHECK	DATE
1	CONSTRUCTION ISSUE	A.D.	K.W.	03.02.22

USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.

INFRASTRUCTURE SERVICES

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Byron Shire Council

APPROVED ON BEHALF OF THE GENERAL MANAGER

DATE 31.01.22

DESIGNED	A.D.	29.10.19
DRAWN	A.D.	29.10.19
CHECKED	K.W.	27.11.20
HORIZONTAL DATUM		ARBITRARY
VERTICAL DATUM		AHD

PROJECT: The Pocket Road, The Pocket Stage 2 Works (Ch.2,810 - 3,690)

PLAN TITLE: General notes

PROJECT NUMBER: 2745

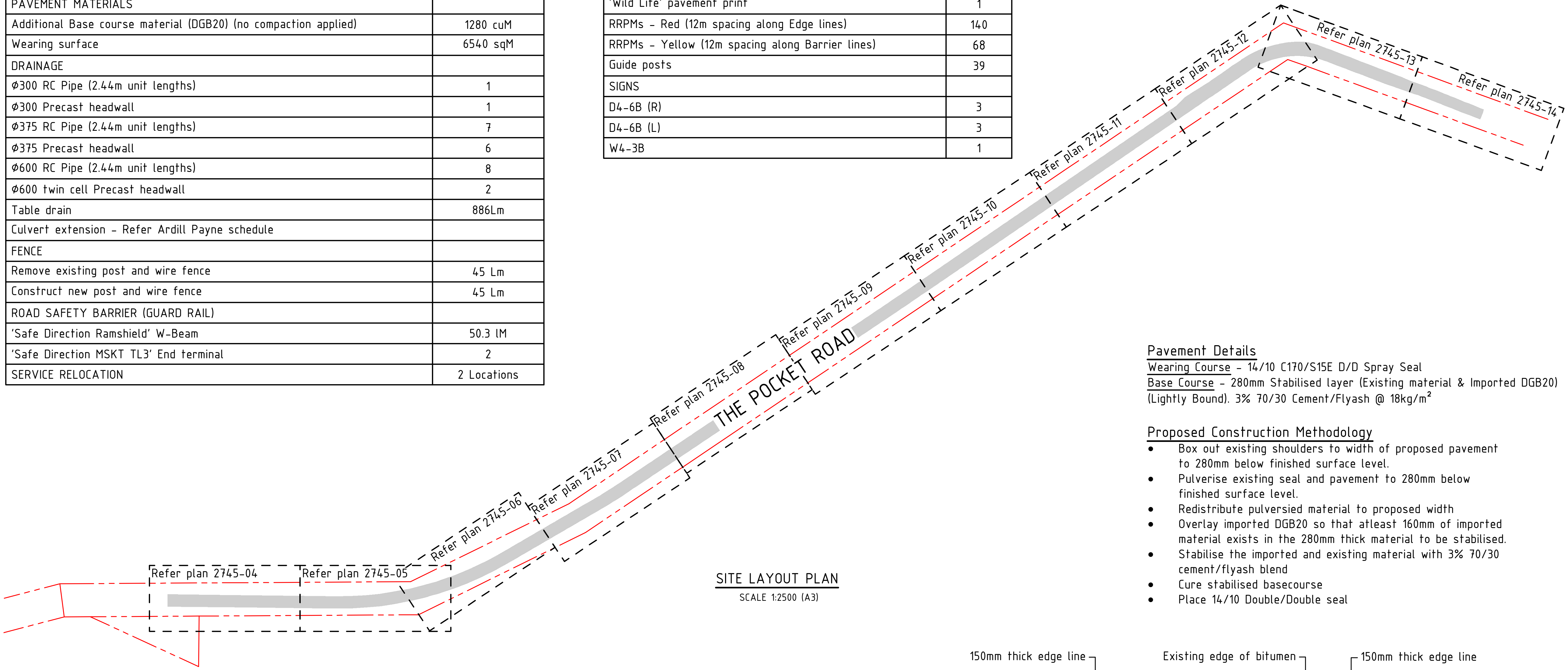
DRAWING NUMBER: 2745-02

ISSUE: 1

ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg

QUANTITIES	
ITEM	UNITS
EARTHWORKS	
Excavated road material to be redistributed and stabilised	870 cuM
Cut to fill - not including existing road material (no bulking)	180 cuM
Cut to dispose - not including existing road material (no bulking)	850 cuM
PAVEMENT MATERIALS	
Additional Base course material (DGB20) (no compaction applied)	1280 cuM
Wearing surface	6540 sqM
DRAINAGE	
ϕ300 RC Pipe (2.44m unit lengths)	1
ϕ300 Precast headwall	1
ϕ375 RC Pipe (2.44m unit lengths)	7
ϕ375 Precast headwall	6
ϕ600 RC Pipe (2.44m unit lengths)	8
ϕ600 twin cell Precast headwall	2
Table drain	886Lm
Culvert extension - Refer Ardill Payne schedule	
FENCE	
Remove existing post and wire fence	45 Lm
Construct new post and wire fence	45 Lm
ROAD SAFETY BARRIER (GUARD RAIL)	
'Safe Direction Ramshield' W-Beam	50.3 lM
'Safe Direction MSKT TL3' End terminal	2
SERVICE RELOCATION	2 Locations

QUANTITIES - SIGNS & LINE MARKING	
ITEM	UNITS
LINE MARKING	
BB Dividing line	410 Lm
S1 Dividing line	430 Lm
E1 Edge line	1680 Lm
'Wild Life' pavement print	1
RRPMs - Red (12m spacing along Edge lines)	140
RRPMs - Yellow (12m spacing along Barrier lines)	68
Guide posts	39
SIGNS	
D4-6B (R)	3
D4-6B (L)	3
W4-3B	1



SITE LAYOUT PLAN

SCALE 1:2500 (A3)

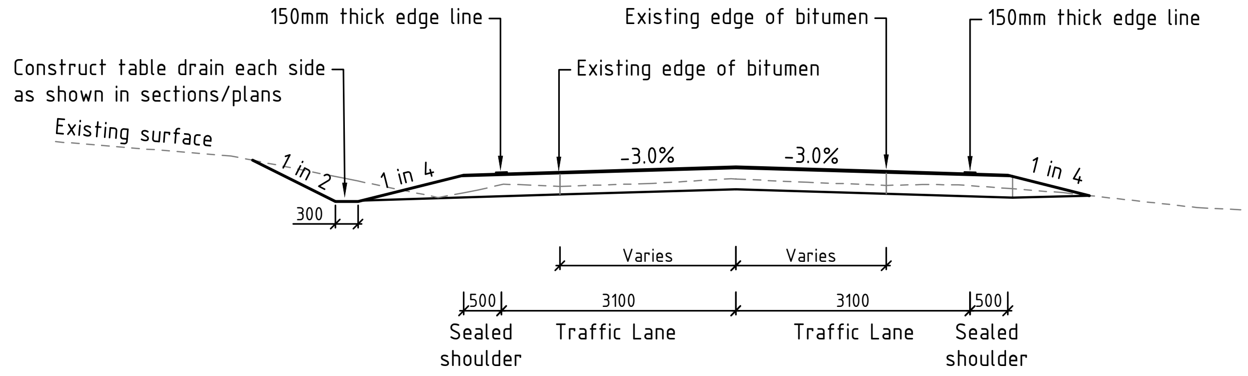
Pavement Details

Wearing Course - 14/10 C170/S15E D/D Spray Seal

Base Course - 280mm Stabilised layer (Existing material & Imported DGB20) (Lightly Bound). 3% 70/30 Cement/Flyash @ 18kg/m^2

Proposed Construction Methodology

- Box out existing shoulders to width of proposed pavement to 280mm below finished surface level.
- Pulverise existing seal and pavement to 280mm below finished surface level.
- Redistribute pulversied material to proposed width
- Overlay imported DGB20 so that atleast 160mm of imported material exists in the 280mm thick material to be stabilised.
- Stabilise the imported and existing material with 3% 70/30 cement/flyash blend
- Cure stabilised basecourse
- Place 14/10 Double/Double seal



Typical Section

SCALE 1:100 (A3)

CONSTRUCTION

FOR CONSTRUCTION

ISSUE	AMENDMENT DETAILS	DRAWN	CHECK	DATE
1	CONSTRUCTION ISSUE	A.D.	K.W.	03.02.22

SCALE: A1 SHEET 1:50, A3 SHEET 1:100 (0 0.5 1 2 3 4 5 m)

SCALE: A1 SHEET 1:1250, A3 SHEET 1:2500 (0 25 50 75 100 125m)

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PROJECT: The Pocket Road, The Pocket Stage 2 Works (Ch.2,810 - 3,690)

PLAN TITLE: Site layout, sheet key plan & Quantities

PROJECT NUMBER: 2745

DRAWING NUMBER: 2745-03

ISSUE: 1

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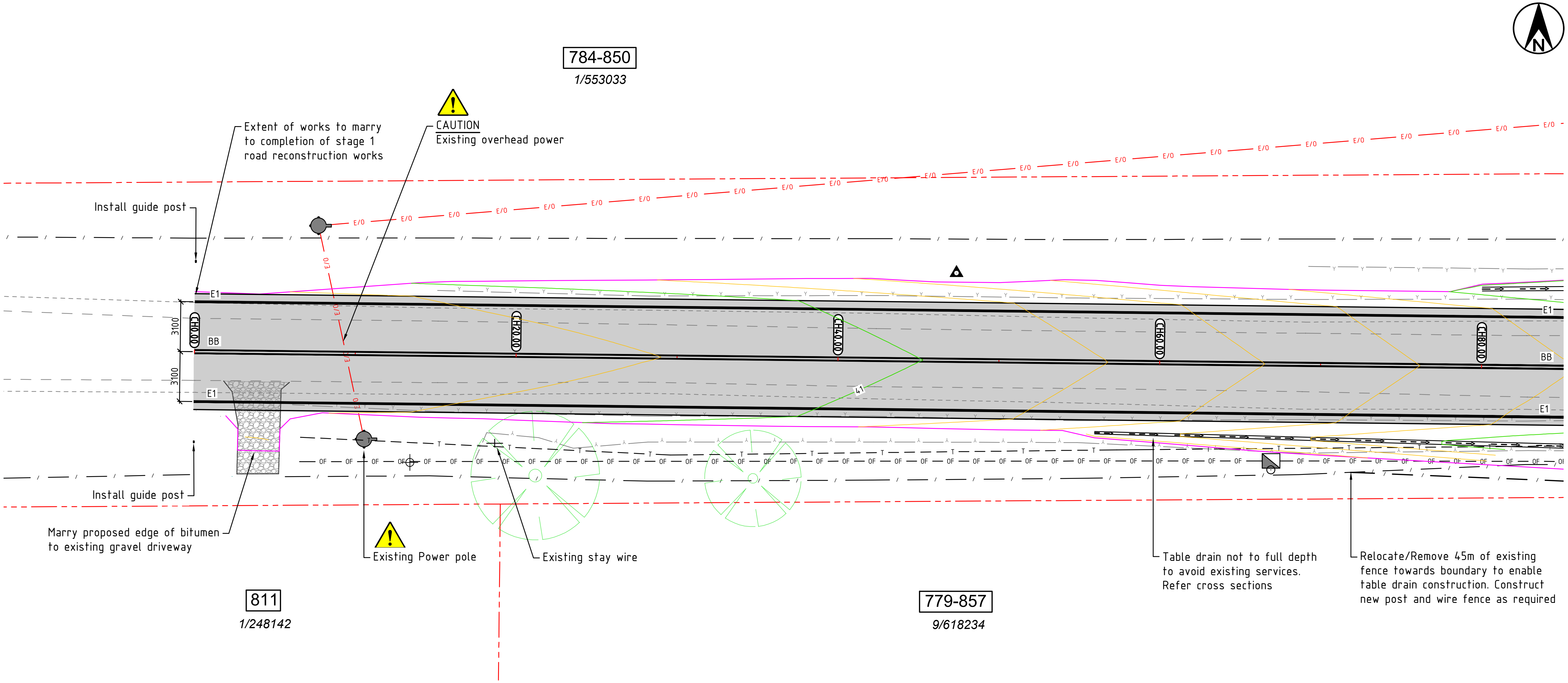

ROAD WORKS AND DRAINAGE PLAN

SCALE 1:250 (A3)

LINE MARKING LEGEND

NOT TO SCALE

S1 DIVIDING LINE	3m / 9m spacing, 100	WHITE
BB DIVIDING BARRIER LINE	100 / 100 / 100	WHITE
E1 EDGE LINE	150	WHITE

RRPMs – REFER RMS DELINEATION SECTION 15

RRPMs TO BE SPACED AT 12m INTERVALS ALONG BB DIVIDING BARRIER LINE.
NOT REQUIRED FOR DURATION OF S1 DIVIDING LINE

GUIDE POSTS – REFER RMS DELINEATION SECTION 16

CH0 TO CH100 – GUIDE POSTS TO BE SPACED AT 150m INTERVALS
CH100 TO CH210 – 15m SPACING OUTSIDE OF CURVE, 30m SPACING INSIDE OF CURVE
CH210 TO CH750 – 150m SPACING
CH750 TO CH800 – 6m SPACING OUTSIDE CURVE (INCLUDING GUARDRAIL), 12m SPACING INSIDE OF CURVE
CH800 TO CH 900 – 150m SPACING

LEGEND – PROPOSED

- PROPOSED PAVEMENT RECONSTRUCTION
- PROPOSED LINEMARK (E1)
- PROPOSED TABLE DRAIN
- PROPOSED EXTENT OF CUT/FILL BATTER
- PROPOSED RELOCATED FENCE
- DESIGN MAJOR CONTOUR (38)
- DESIGN MINOR CONTOUR
- PROPOSED DRAINAGE PIPE, HEADWALL & SCOUR PROTECTION

LEGEND – EXISTING

- PROPERTY BOUNDARY
- EXISTING EDGE OF BITUMEN
- EXISTING ROAD SHOULDER
- EXISTING OVERHEAD POWER (E/O)
- EXISTING UNDERGROUND TELSTRA (T)
- EXISTING UNDERGROUND OPTIC FIBRE (OF)
- EXISTING DRAINAGE PIPE (SW)
- EXISTING BANK BOTTOM (Y)
- EXISTING BANK TOP (Y)
- EXISTING FENCE
- 62 — PROPERTY STREET NUMBER
- 11/1200712 — PROPERTY LOT AND DP
- EXISTING TREE TO REMAIN
- EXISTING TELECOMMUNICATIONS PIT
- EXISTING TELECOMMUNICATIONS MARKER POST
- EXISTING POWER / TELECOMMUNICATIONS POLE
- EXISTING STAY WIRE
- EXISTING SIGNAGE
- EXISTING BOUNDARY REFERENCE MARK

CONSTRUCTION
FOR CONSTRUCTION

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SCALE: A1 SHEET 1:125, A3 SHEET 1:250
0 2.5 5 7.5 10 12.5m

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PROJECT: The Pocket Road, The Pocket Stage 2 Works (Ch.2,810 - 3,690)

PROJECT NUMBER: 2745

PLAN TITLE: Road works and drainage plan sheet 1 of 11

DRAWING NUMBER: 2745-04

ISSUE: 1

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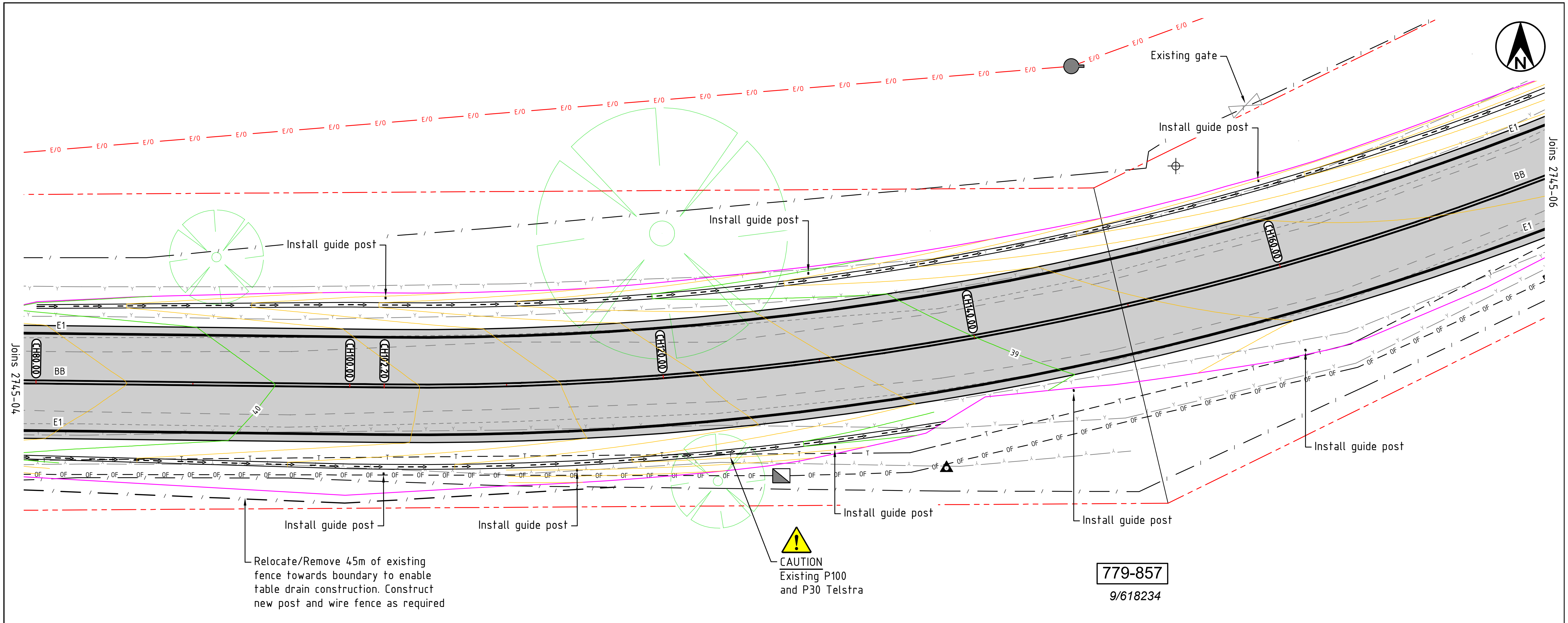

ROAD WORKS AND DRAINAGE PLAN

SCALE 1:250 (A3)

LINE MARKING LEGEND

NOT TO SCALE

S1 DIVIDING LINE — 3m, 9m — 100 WHITE

BB DIVIDING BARRIER LINE — 100 100 100 WHITE

E1 EDGE LINE — 150 WHITE

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LEGEND - PROPOSED

- PROPOSED PAVEMENT RECONSTRUCTION
- E1 — PROPOSED LINEMARK
- PROPOSED TABLE DRAIN
- PROPOSED EXTENT OF CUT/FILL BATTER
- PROPOSED RELOCATED FENCE
- 38 — DESIGN MAJOR CONTOUR
- DESIGN MINOR CONTOUR
- PROPOSED DRAINAGE PIPE, HEADWALL & SCOUR PROTECTION

LEGEND - EXISTING

- PROPERTY BOUNDARY
- EXISTING EDGE OF BITUMEN
- EXISTING ROAD SHOULDER
- E/O — EXISTING OVERHEAD POWER
- T — EXISTING UNDERGROUND TELSTRA
- OF — OF — EXISTING UNDERGROUND OPTIC FIBRE
- SW — EXISTING DRAINAGE PIPE
- Y — EXISTING BANK BOTTOM
- Y — EXISTING BANK TOP
- / — EXISTING FENCE
- 62 — PROPERTY STREET NUMBER
- 11/1200712 — PROPERTY LOT AND DP
- EXISTING TREE TO REMAIN
- EXISTING TELECOMMUNICATIONS PIT
- EXISTING TELECOMMUNICATIONS MARKER POST
- EXISTING POWER / TELECOMMUNICATIONS POLE
- EXISTING STAY WIRE
- EXISTING SIGNAGE
- EXISTING BOUNDARY REFERENCE MARK

CONSTRUCTION
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SCALE: A1 SHEET 1:125, A3 SHEET 1:250
0 2.5 5 7.5 10 12.5m

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PROJECT: The Pocket Road, The Pocket
Stage 2 Works (Ch.2,810 - 3,690)

PLAN TITLE: Road works and drainage plan
sheet 2 of 11

PROJECT NUMBER: 2745

DRAWING NUMBER: 2745-05

ISSUE: 1

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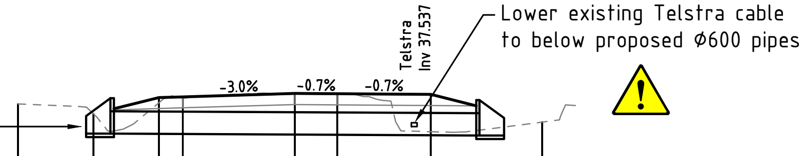
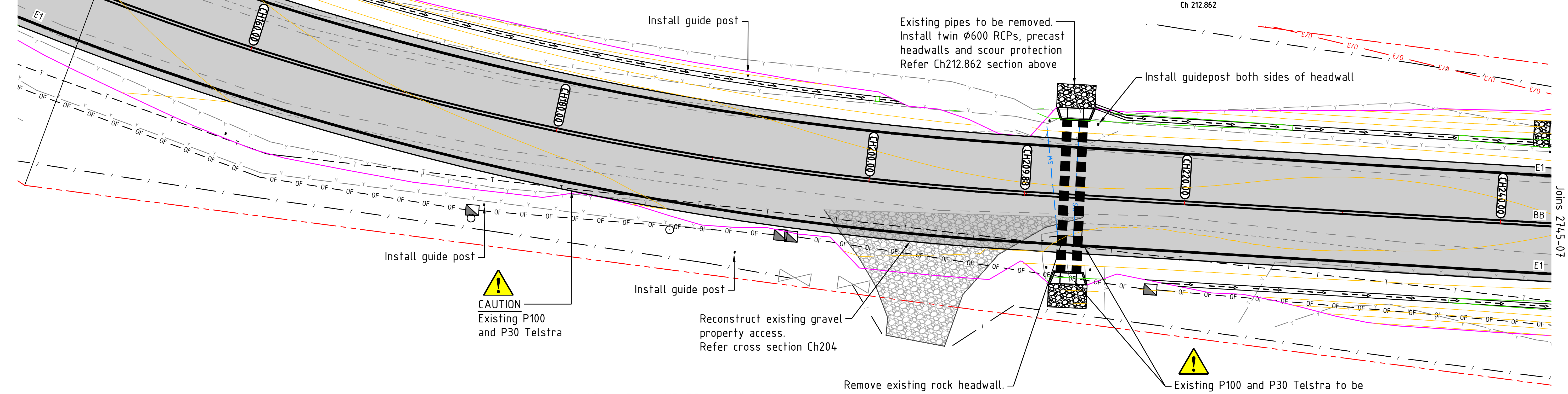


CUT/FILL			0.136	0.035	0.014	0.004	0.988	
DESIGN SURFACE			38.310	38.328	38.418	38.410	38.392	
EXISTING SURFACE	38.143	37.875	38.174	38.294	38.403	38.406	37.404	37.656
OFFSET	-7.337	-5.337	-3.600	-2.971	0.000	1.119	3.600	6.546

Ch 212.862



ROAD WORKS AND DRAINAGE PLAN

SCALE 1:250 (A3)

LINE MARKING LEGEND

NOT TO SCALE

- S1 DIVIDING LINE — 3m / 9m / 3m / 9m / 3m / 9m / 3m — 100 — WHITE
- BB DIVIDING BARRIER LINE — 100 / 100 / 100 — WHITE
- E1 EDGE LINE — 150 — WHITE

RRPMs – REFER RMS DELINEATION SECTION 15

RRPMs TO BE SPACED AT 12m INTERVALS ALONG BB DIVIDING BARRIER LINE.
NOT REQUIRED FOR DURATION OF S1 DIVIDING LINE

GUIDE POSTS – REFER RMS DELINEATION SECTION 16

CH0 TO CH100 – GUIDE POSTS TO BE SPACED AT 150m INTERVALS
CH100 TO CH210 – 15m SPACING OUTSIDE OF CURVE, 30m SPACING INSIDE OF CURVE
CH210 TO CH750 – 150m SPACING
CH750 TO CH800 – 6m SPACING OUTSIDE CURVE (INCLUDING GUARDRAIL), 12m SPACING INSIDE OF CURVE
CH800 TO CH 900 – 150m SPACING

LEGEND – PROPOSED

- PROPOSED PAVEMENT RECONSTRUCTION
- E1 — PROPOSED LINEMARK
- PROPOSED TABLE DRAIN
- PROPOSED EXTENT OF CUT/FILL BATTER
- PROPOSED RELOCATED FENCE
- 38 — DESIGN MAJOR CONTOUR
- DESIGN MINOR CONTOUR
- PROPOSED DRAINAGE PIPE, HEADWALL & SCOUR PROTECTION

LEGEND – EXISTING

- PROPERTY BOUNDARY
- EXISTING EDGE OF BITUMEN
- EXISTING ROAD SHOULDER
- E/O — EXISTING OVERHEAD POWER
- T — EXISTING UNDERGROUND TELSTRA
- OF — EXISTING UNDERGROUND OPTIC FIBRE
- SW — EXISTING DRAINAGE PIPE
- Y — EXISTING BANK BOTTOM
- Y — EXISTING BANK TOP
- / — EXISTING FENCE
- 62 — PROPERTY STREET NUMBER
- 11/1200712 — PROPERTY LOT AND DP
- EXISTING TREE TO REMAIN
- EXISTING TELECOMMUNICATIONS PIT
- EXISTING TELECOMMUNICATIONS MARKER POST
- EXISTING POWER / TELECOMMUNICATIONS POLE
- EXISTING STAY WIRE
- EXISTING SIGNAGE
- EXISTING BOUNDARY REFERENCE MARK

CONSTRUCTION
FOR CONSTRUCTION

ISSUE	AMENDMENT DETAILS	DRAWN	CHECK	DATE
1	CONSTRUCTION ISSUE	A.D.	K.W.	03.02.22

SCALE: A1 SHEET 1:125, A3 SHEET 1:250
0 2.5 5 7.5 10 12.5m

USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.

INFRASTRUCTURE SERVICES
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Byron Shire Council

APPROVED ON BEHALF OF THE GENERAL MANAGER
DATE 31.01.22

DESIGNED	A.D.	31.01.20
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CHECKED	K.W.	27.11.20
HORIZONTAL DATUM	ARBITRARY	
VERTICAL DATUM	AHD	

PROJECT: The Pocket Road, The Pocket Stage 2 Works (Ch.2,810 - 3,690)

PROJECT NUMBER: 2745

PLAN TITLE: Road works and drainage plan sheet 3 of 11

DRAWING NUMBER: 2745-06

ISSUE: 1

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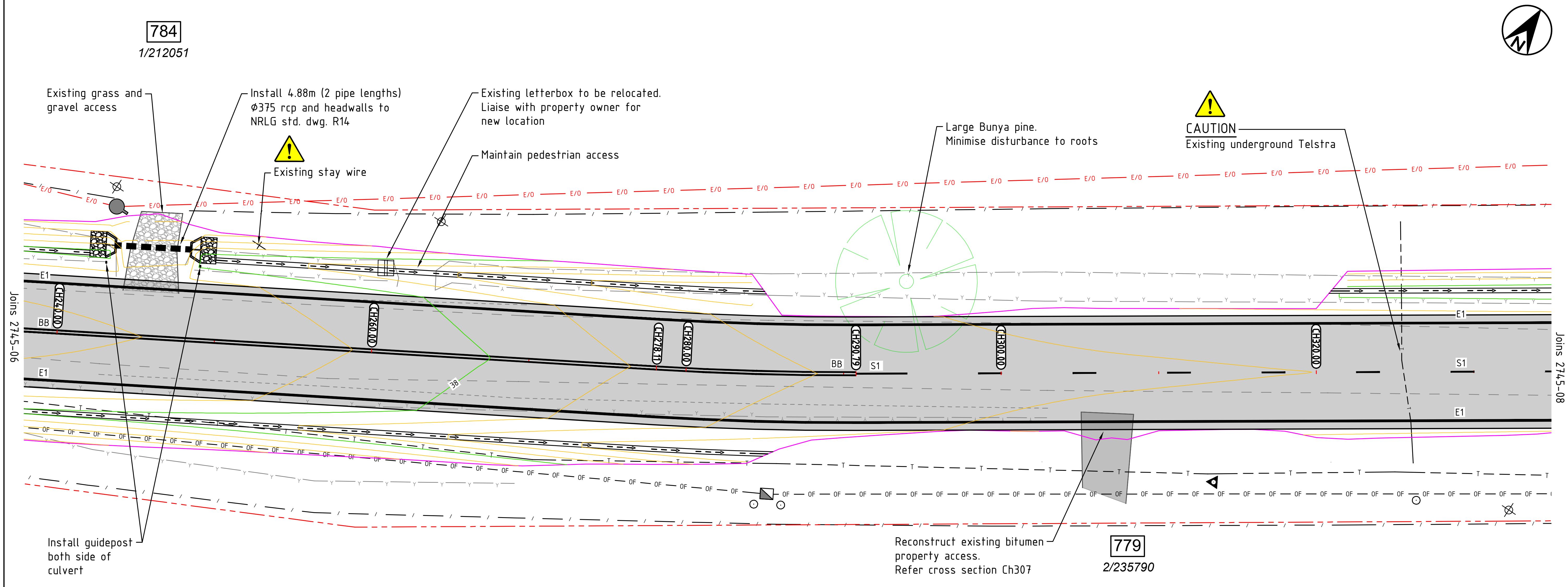

ROAD WORKS AND DRAINAGE PLAN

SCALE 1:250 (A3)

LINE MARKING LEGEND

NOT TO SCALE

S1 DIVIDING LINE — 3m / 9m — 100 — WHITE

BB DIVIDING BARRIER LINE — 100 / 100 / 100 — WHITE

E1 EDGE LINE — 150 — WHITE

RRPMs – REFER RMS DELINEATION SECTION 15

RRPMs TO BE SPACED AT 12m INTERVALS ALONG BB DIVIDING BARRIER LINE.
NOT REQUIRED FOR DURATION OF S1 DIVIDING LINE

GUIDE POSTS – REFER RMS DELINEATION SECTION 16

CH0 TO CH100 – GUIDE POSTS TO BE SPACED AT 150m INTERVALS
CH100 TO CH210 – 15m SPACING OUTSIDE OF CURVE, 30m SPACING INSIDE OF CURVE
CH210 TO CH750 – 150m SPACING
CH750 TO CH800 – 6m SPACING OUTSIDE CURVE (INCLUDING GUARDRAIL), 12m SPACING INSIDE OF CURVE
CH800 TO CH 900 – 150m SPACING

LEGEND – PROPOSED

PROPOSED PAVEMENT RECONSTRUCTION
E1 — PROPOSED LINEMARK
PROPOSED TABLE DRAIN
PROPOSED EXTENT OF CUT/FILL BATTER
PROPOSED RELOCATED FENCE
38 — DESIGN MAJOR CONTOUR
DESIGN MINOR CONTOUR
PROPOSED DRAINAGE PIPE, HEADWALL & SCOUR PROTECTION

LEGEND – EXISTING

PROPERTY BOUNDARY
EXISTING EDGE OF BITUMEN
EXISTING ROAD SHOULDER
E/O — EXISTING OVERHEAD POWER
T — EXISTING UNDERGROUND TELSTRA
OF — EXISTING UNDERGROUND OPTIC FIBRE
SW — EXISTING DRAINAGE PIPE
Y — EXISTING BANK BOTTOM
Y — EXISTING BANK TOP
/ — EXISTING FENCE

62 — PROPERTY STREET NUMBER
11/1200712 — PROPERTY LOT AND DP
EXISTING TREE TO REMAIN
EXISTING TELECOMMUNICATIONS PIT
EXISTING TELECOMMUNICATIONS MARKER POST
EXISTING POWER / TELECOMMUNICATIONS POLE
EXISTING STAY WIRE
EXISTING SIGNAGE
EXISTING BOUNDARY REFERENCE MARK

CONSTRUCTION
FOR CONSTRUCTION

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SCALE: A1 SHEET 1:125, A3 SHEET 1:250
0 2.5 5 7.5 10 12.5m

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VERTICAL DATUM		AHD

PROJECT: **The Pocket Road, The Pocket Stage 2 Works (Ch.2,810 - 3,690)**

PROJECT NUMBER: **2745**

PLAN TITLE: **Road works and drainage plan sheet 4 of 11**

DRAWING NUMBER: **2745-07**

ISSUE: **1**

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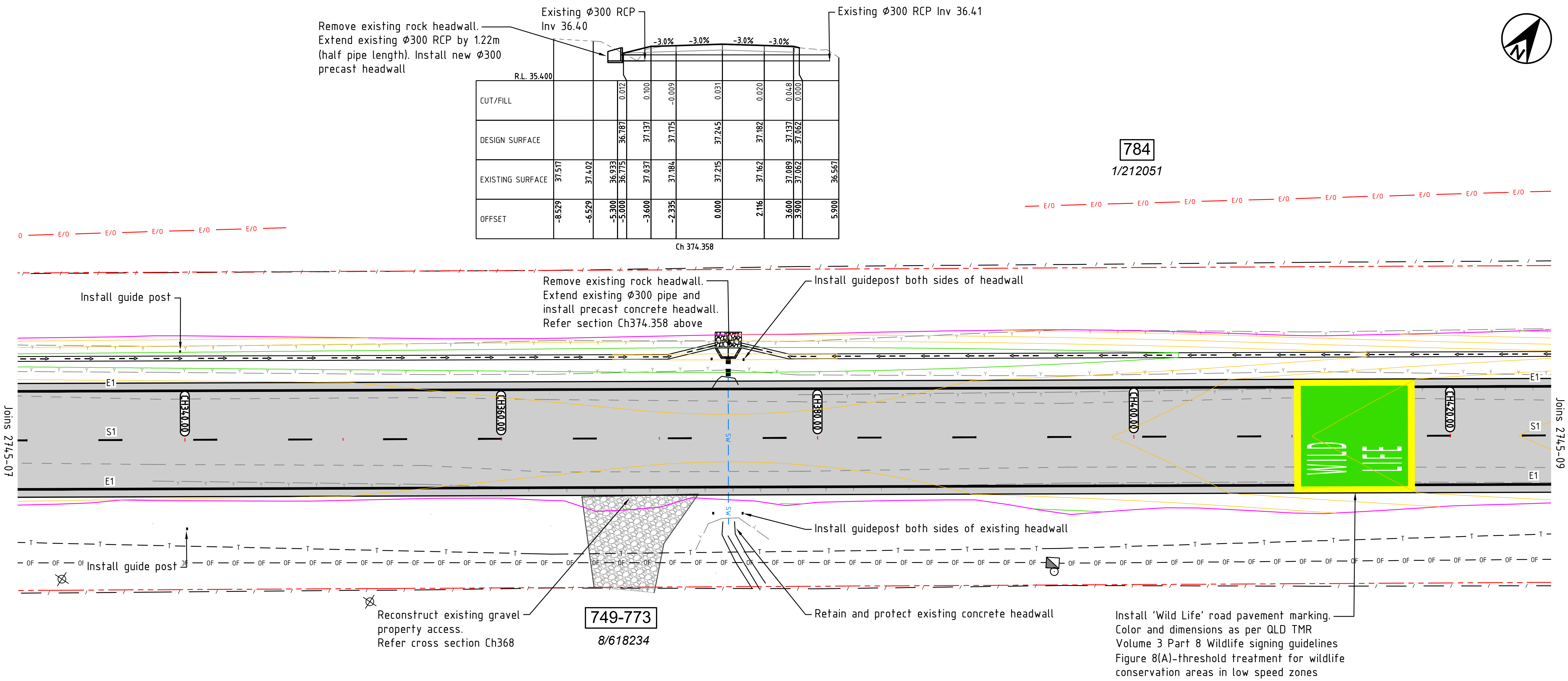

ROAD WORKS AND DRAINAGE PLAN

SCALE 1:250 (A3)

LINE MARKING LEGEND

NOT TO SCALE

- S1 DIVIDING LINE — 3m / 9m — 100 WHITE
- BB DIVIDING BARRIER LINE — 100 / 100 / 100 WHITE
- E1 EDGE LINE — 150 WHITE

RRPMs – REFER RMS DELINEATION SECTION 15

RRPMs TO BE SPACED AT 12m INTERVALS ALONG BB DIVIDING BARRIER LINE.
NOT REQUIRED FOR DURATION OF S1 DIVIDING LINE

GUIDE POSTS – REFER RMS DELINEATION SECTION 16

CH0 TO CH100 – GUIDE POSTS TO BE SPACED AT 150m INTERVALS
CH100 TO CH210 – 15m SPACING OUTSIDE OF CURVE, 30m SPACING INSIDE OF CURVE
CH210 TO CH750 – 150m SPACING
CH750 TO CH800 – 6m SPACING OUTSIDE CURVE (INCLUDING GUARDRAIL), 12m SPACING INSIDE OF CURVE
CH800 TO CH 900 – 150m SPACING

LEGEND – PROPOSED

- PROPOSED PAVEMENT RECONSTRUCTION
- E1 — PROPOSED LINEMARK
- PROPOSED TABLE DRAIN
- PROPOSED EXTENT OF CUT/FILL BATTER
- PROPOSED RELOCATED FENCE
- 38 — DESIGN MAJOR CONTOUR
- DESIGN MINOR CONTOUR
- PROPOSED DRAINAGE PIPE, HEADWALL & SCOUR PROTECTION

LEGEND – EXISTING

- PROPERTY BOUNDARY
- EXISTING EDGE OF BITUMEN
- EXISTING ROAD SHOULDER
- E/O — EXISTING OVERHEAD POWER
- T — EXISTING UNDERGROUND TELSTRA
- OF — EXISTING UNDERGROUND OPTIC FIBRE
- SW — EXISTING DRAINAGE PIPE
- Y — EXISTING BANK BOTTOM
- Y — EXISTING BANK TOP
- / — EXISTING FENCE
- 62 — PROPERTY STREET NUMBER
- 11/1200712 — PROPERTY LOT AND DP
- EXISTING TREE TO REMAIN
- EXISTING TELECOMMUNICATIONS PIT
- EXISTING TELECOMMUNICATIONS MARKER POST
- EXISTING POWER / TELECOMMUNICATIONS POLE
- EXISTING STAY WIRE
- EXISTING SIGNAGE
- EXISTING BOUNDARY REFERENCE MARK

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PROJECT: The Pocket Road, The Pocket Stage 2 Works (Ch.2,810 - 3,690)

PROJECT NUMBER: 2745

PLAN TITLE: Road works and drainage plan sheet 5 of 11

DRAWING NUMBER: 2745-08

ISSUE: 1

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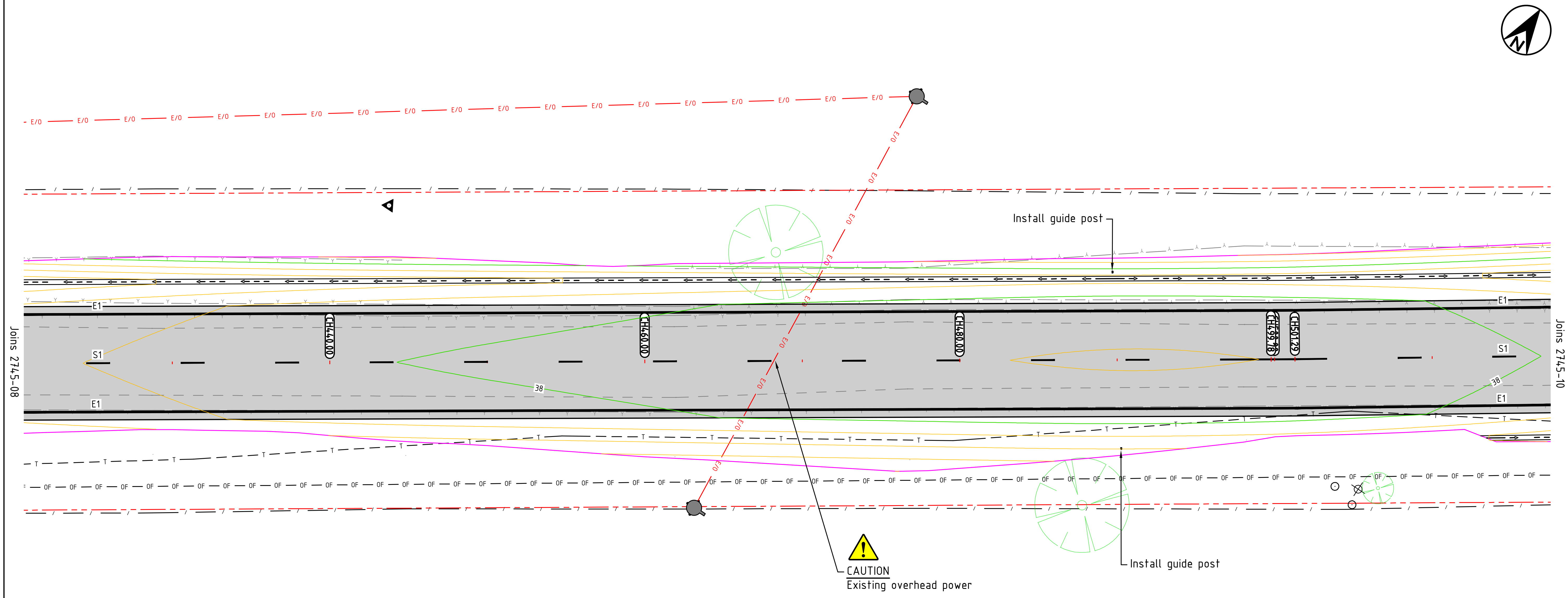

ROAD WORKS AND DRAINAGE PLAN

SCALE 1:250 (A3)

LINE MARKING LEGEND

NOT TO SCALE

- S1 DIVIDING LINE — 3m / 9m — 100 — WHITE
- BB DIVIDING BARRIER LINE — 100 100 100 — WHITE
- E1 EDGE LINE — 150 — WHITE

RRPMs – REFER RMS DELINEATION SECTION 15

RRPMs TO BE SPACED AT 12m INTERVALS ALONG BB DIVIDING BARRIER LINE.
NOT REQUIRED FOR DURATION OF S1 DIVIDING LINE

GUIDE POSTS – REFER RMS DELINEATION SECTION 16

CH0 TO CH100 – GUIDE POSTS TO BE SPACED AT 150m INTERVALS
CH100 TO CH210 – 15m SPACING OUTSIDE OF CURVE, 30m SPACING INSIDE OF CURVE
CH210 TO CH750 – 150m SPACING
CH750 TO CH800 – 6m SPACING OUTSIDE CURVE (INCLUDING GUARDRAIL), 12m SPACING INSIDE OF CURVE
CH800 TO CH 900 – 150m SPACING

LEGEND – PROPOSED

- PROPOSED PAVEMENT RECONSTRUCTION
- E1 — PROPOSED LINEMARK
- PROPOSED TABLE DRAIN
- PROPOSED EXTENT OF CUT/FILL BATTER
- PROPOSED RELOCATED FENCE
- 38 — DESIGN MAJOR CONTOUR
- DESIGN MINOR CONTOUR
- PROPOSED DRAINAGE PIPE, HEADWALL & SCOUR PROTECTION

LEGEND – EXISTING

- PROPERTY BOUNDARY
- EXISTING EDGE OF BITUMEN
- EXISTING ROAD SHOULDER
- E/O — EXISTING OVERHEAD POWER
- T — EXISTING UNDERGROUND TELSTRA
- OF — EXISTING UNDERGROUND OPTIC FIBRE
- SW — EXISTING DRAINAGE PIPE
- Y — EXISTING BANK BOTTOM
- Y — EXISTING BANK TOP
- / — EXISTING FENCE
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- EXISTING TREE TO REMAIN
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- EXISTING TELECOMMUNICATIONS MARKER POST
- EXISTING POWER / TELECOMMUNICATIONS POLE
- EXISTING STAY WIRE
- EXISTING SIGNAGE
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PROJECT: The Pocket Road, The Pocket Stage 2 Works (Ch.2,810 - 3,690)

PROJECT NUMBER: 2745

PLAN TITLE: Road works and drainage plan sheet 6 of 11

DRAWING NUMBER: 2745-09

ISSUE: 1

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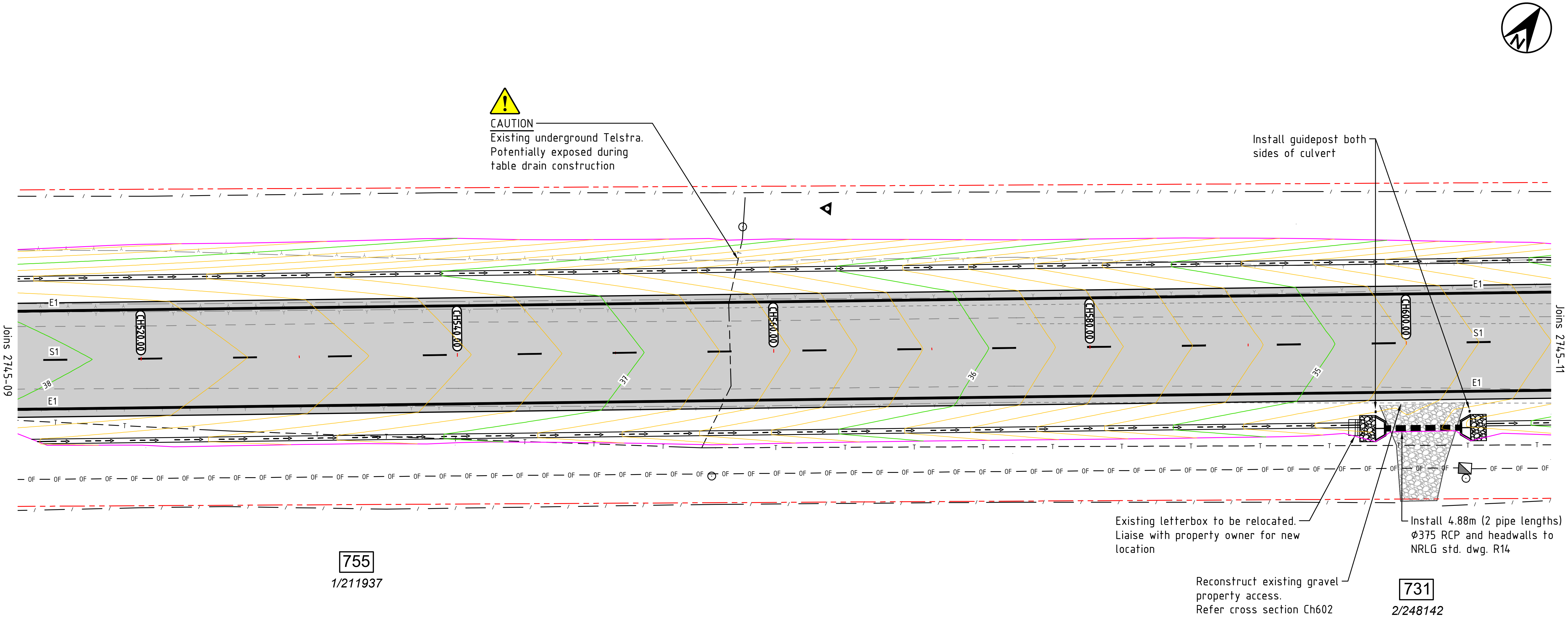

ROAD WORKS AND DRAINAGE PLAN

SCALE 1:250 (A3)

LINE MARKING LEGEND

NOT TO SCALE

S1 DIVIDING LINE	3m, 9m, 3m, 9m, 3m, 9m, 3m	100	WHITE
BB DIVIDING BARRIER LINE		100 100 100	WHITE
E1 EDGE LINE		150	WHITE

RRPMs – REFER RMS DELINEATION SECTION 15

RRPMs TO BE SPACED AT 12m INTERVALS ALONG BB DIVIDING BARRIER LINE.
NOT REQUIRED FOR DURATION OF S1 DIVIDING LINE

GUIDE POSTS – REFER RMS DELINEATION SECTION 16

CH0 TO CH100 – GUIDE POSTS TO BE SPACED AT 150m INTERVALS
CH100 TO CH210 – 15m SPACING OUTSIDE OF CURVE, 30m SPACING INSIDE OF CURVE
CH210 TO CH750 – 150m SPACING
CH750 TO CH800 – 6m SPACING OUTSIDE CURVE (INCLUDING GUARDRAIL), 12m SPACING INSIDE OF CURVE
CH800 TO CH 900 – 150m SPACING

LEGEND – PROPOSED

- PROPOSED PAVEMENT RECONSTRUCTION
- E1 PROPOSED LINEMARK
- PROPOSED TABLE DRAIN
- PROPOSED EXTENT OF CUT/FILL BATTER
- PROPOSED RELOCATED FENCE
- 38 DESIGN MAJOR CONTOUR
- DESIGN MINOR CONTOUR
- PROPOSED DRAINAGE PIPE, HEADWALL & SCOUR PROTECTION

LEGEND – EXISTING

- PROPERTY BOUNDARY
- EXISTING EDGE OF BITUMEN
- EXISTING ROAD SHOULDER
- E/O EXISTING OVERHEAD POWER
- T EXISTING UNDERGROUND TELSTRA
- OF EXISTING UNDERGROUND OPTIC FIBRE
- SW EXISTING DRAINAGE PIPE
- Y EXISTING BANK BOTTOM
- Y EXISTING BANK TOP
- / EXISTING FENCE
- 62 PROPERTY STREET NUMBER
- 11/1200712 PROPERTY LOT AND DP
- EXISTING TREE TO REMAIN
- EXISTING TELECOMMUNICATIONS PIT
- EXISTING TELECOMMUNICATIONS MARKER POST
- EXISTING POWER / TELECOMMUNICATIONS POLE
- EXISTING STAY WIRE
- EXISTING SIGNAGE
- EXISTING BOUNDARY REFERENCE MARK

CONSTRUCTION
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PROJECT: The Pocket Road, The Pocket
Stage 2 Works (Ch.2,810 - 3,690)

PLAN TITLE: Road works and drainage plan
sheet 7 of 11

PROJECT NUMBER: 2745

DRAWING NUMBER: 2745-10

ISSUE: 1

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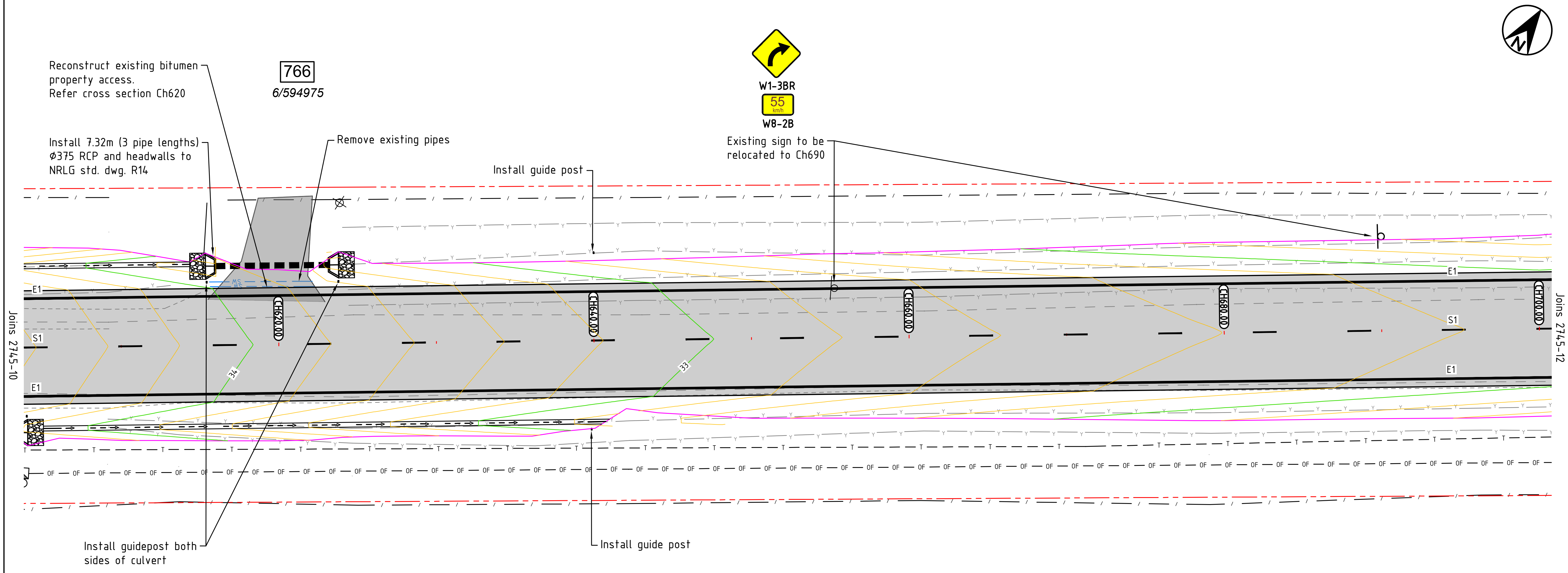

ROAD WORKS AND DRAINAGE PLAN

SCALE 1:250 (A3)

LINE MARKING LEGEND

NOT TO SCALE

S1 DIVIDING LINE — 3m, 9m, 3m, 9m, 3m, 9m, 3m — 100 — WHITE

BB DIVIDING BARRIER LINE — 100 100 100 — WHITE

E1 EDGE LINE — 150 — WHITE

RRPMs – REFER RMS DELINEATION SECTION 15

RRPMs TO BE SPACED AT 12m INTERVALS ALONG BB DIVIDING BARRIER LINE.
NOT REQUIRED FOR DURATION OF S1 DIVIDING LINE

GUIDE POSTS – REFER RMS DELINEATION SECTION 16

CH0 TO CH100 – GUIDE POSTS TO BE SPACED AT 150m INTERVALS
CH100 TO CH210 – 15m SPACING OUTSIDE OF CURVE, 30m SPACING INSIDE OF CURVE
CH210 TO CH750 – 150m SPACING
CH750 TO CH800 – 6m SPACING OUTSIDE CURVE (INCLUDING GUARDRAIL), 12m SPACING INSIDE OF CURVE
CH800 TO CH 900 – 150m SPACING

LEGEND – PROPOSED

PROPOSED PAVEMENT RECONSTRUCTION
E1 PROPOSED LINEMARK
PROPOSED TABLE DRAIN
PROPOSED EXTENT OF CUT/FILL BATTER
PROPOSED RELOCATED FENCE
38 DESIGN MAJOR CONTOUR
DESIGN MINOR CONTOUR
PROPOSED DRAINAGE PIPE, HEADWALL & SCOUR PROTECTION

LEGEND – EXISTING

PROPERTY BOUNDARY
EXISTING EDGE OF BITUMEN
EXISTING ROAD SHOULDER
E/O EXISTING OVERHEAD POWER
T EXISTING UNDERGROUND TELSTRA
OF EXISTING UNDERGROUND OPTIC FIBRE
SW EXISTING DRAINAGE PIPE
Y EXISTING BANK BOTTOM
Y EXISTING BANK TOP
/ EXISTING FENCE

62 PROPERTY STREET NUMBER
11/1200712 PROPERTY LOT AND DP
EXISTING TREE TO REMAIN
EXISTING TELECOMMUNICATIONS PIT
EXISTING TELECOMMUNICATIONS MARKER POST
EXISTING POWER / TELECOMMUNICATIONS POLE
EXISTING STAY WIRE
EXISTING SIGNAGE
EXISTING BOUNDARY REFERENCE MARK

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PROJECT: **The Pocket Road, The Pocket Stage 2 Works (Ch.2,810 - 3,690)**

PROJECT NUMBER: **2745**

PLAN TITLE: **Road works and drainage plan sheet 8 of 11**

DRAWING NUMBER: **2745-11**

ISSUE: **1**

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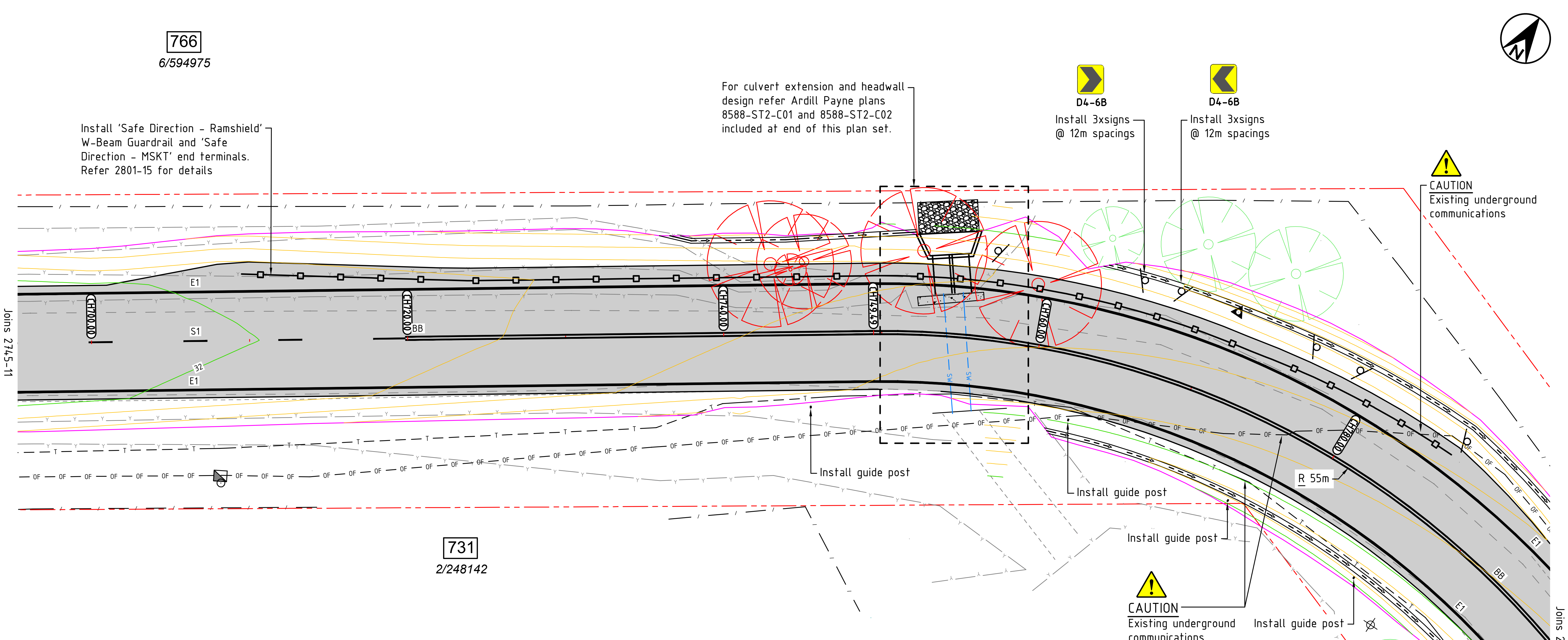

ROAD WORKS AND DRAINAGE PLAN

SCALE 1:250 (A3)

LINE MARKING LEGEND

NOT TO SCALE

S1 DIVIDING LINE — 3m, 9m, 3m, 9m, 3m, 9m, 3m — 100 — WHITE

BB DIVIDING BARRIER LINE — 100 100 100 — WHITE

E1 EDGE LINE — 150 — WHITE

RRPMs – REFER RMS DELINEATION SECTION 15

RRPMs TO BE SPACED AT 12m INTERVALS ALONG BB DIVIDING BARRIER LINE.
NOT REQUIRED FOR DURATION OF S1 DIVIDING LINE

GUIDE POSTS – REFER RMS DELINEATION SECTION 16

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CH210 TO CH750 – 150m SPACING
CH750 TO CH800 – 6m SPACING OUTSIDE CURVE (INCLUDING GUARDRAIL), 12m SPACING INSIDE OF CURVE
CH800 TO CH 900 – 150m SPACING

LEGEND – PROPOSED

- PROPOSED PAVEMENT RECONSTRUCTION
- E1 — PROPOSED LINEMARK
- PROPOSED TABLE DRAIN
- PROPOSED EXTENT OF CUT/FILL BATTER
- PROPOSED RELOCATED FENCE
- 38 — DESIGN MAJOR CONTOUR
- DESIGN MINOR CONTOUR
- PROPOSED DRAINAGE PIPE, HEADWALL & SCOUR PROTECTION
- PROPOSED GUARD RAIL

LEGEND – EXISTING

- PROPERTY BOUNDARY
- EXISTING EDGE OF BITUMEN
- EXISTING ROAD SHOULDER
- E/O — EXISTING OVERHEAD POWER
- T — EXISTING UNDERGROUND TELSTRA
- OF — OF — EXISTING UNDERGROUND OPTIC FIBRE
- SW — EXISTING DRAINAGE PIPE
- Y — EXISTING BANK BOTTOM
- Y — EXISTING BANK TOP
- / — EXISTING FENCE
- EXISTING TREE TO BE REMOVED
- 62 — PROPERTY STREET NUMBER
- 11/1200712 — PROPERTY LOT AND DP
- EXISTING TREE TO REMAIN
- EXISTING TELECOMMUNICATIONS PIT
- EXISTING TELECOMMUNICATIONS MARKER POST
- EXISTING POWER / TELECOMMUNICATIONS POLE
- EXISTING STAY WIRE
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PROJECT: The Pocket Road, The Pocket Stage 2 Works (Ch.2,810 - 3,690)

PLAN TITLE: Road works and drainage plan sheet 9 of 11

PROJECT NUMBER: 2745

DRAWING NUMBER: 2745-12

ISSUE: 1

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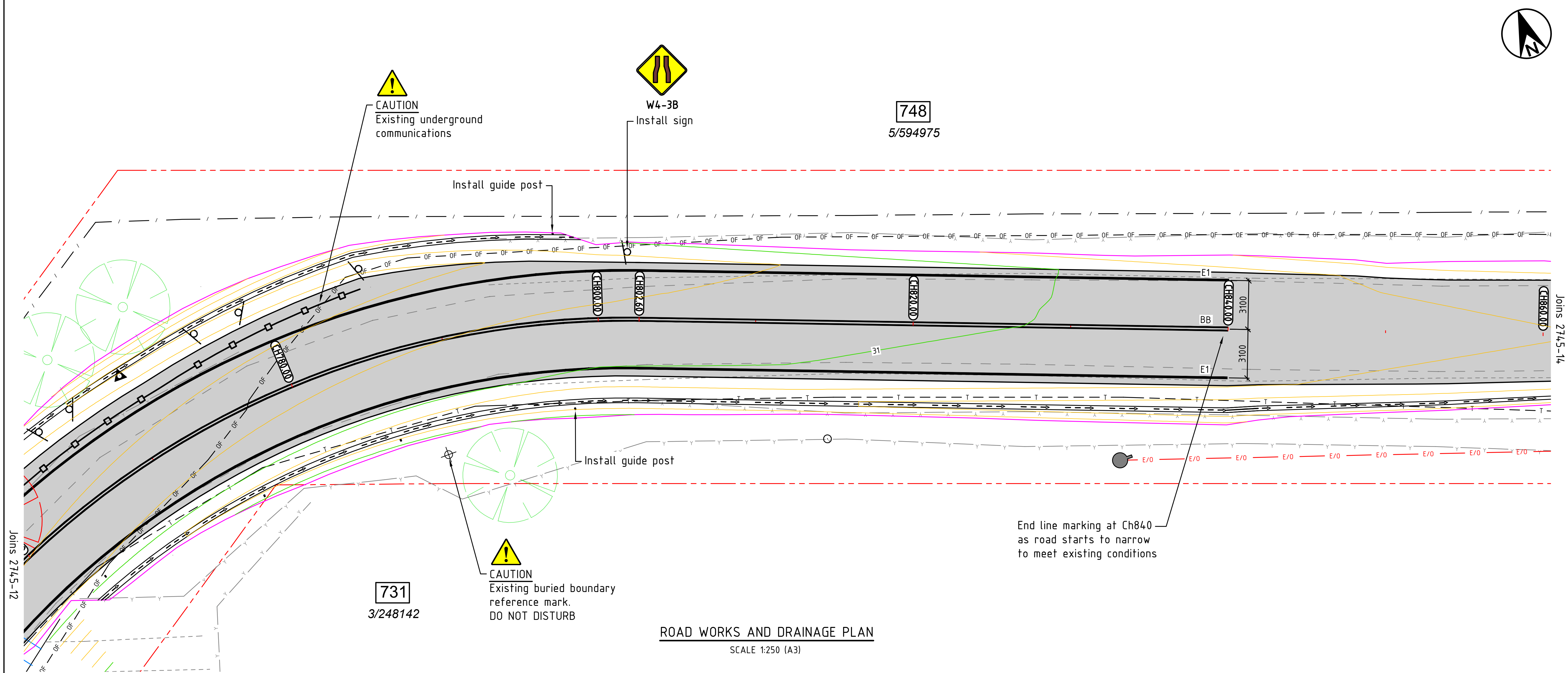

ROAD WORKS AND DRAINAGE PLAN

SCALE 1:250 (A3)

LINE MARKING LEGEND

NOT TO SCALE

S1 DIVIDING LINE (3m / 9m)	100	WHITE
BB DIVIDING BARRIER LINE	100 100 100	WHITE
E1 EDGE LINE	150	WHITE

RRPMs – REFER RMS DELINEATION SECTION 15

RRPMs TO BE SPACED AT 12m INTERVALS ALONG BB DIVIDING BARRIER LINE.
NOT REQUIRED FOR DURATION OF S1 DIVIDING LINE

GUIDE POSTS – REFER RMS DELINEATION SECTION 16

CH0 TO CH100 – GUIDE POSTS TO BE SPACED AT 150m INTERVALS
CH100 TO CH210 – 15m SPACING OUTSIDE OF CURVE, 30m SPACING INSIDE OF CURVE
CH210 TO CH750 – 150m SPACING
CH750 TO CH800 – 6m SPACING OUTSIDE CURVE (INCLUDING GUARDRAIL), 12m SPACING INSIDE OF CURVE
CH800 TO CH 900 – 150m SPACING

LEGEND – PROPOSED

- PROPOSED PAVEMENT RECONSTRUCTION
- E1 — PROPOSED LINEMARK
- PROPOSED TABLE DRAIN
- PROPOSED EXTENT OF CUT/FILL BATTER
- PROPOSED RELOCATED FENCE
- 38 — DESIGN MAJOR CONTOUR
- DESIGN MINOR CONTOUR
- PROPOSED DRAINAGE PIPE, HEADWALL & SCOUR PROTECTION
- PROPOSED GUARD RAIL

LEGEND – EXISTING

- PROPERTY BOUNDARY
- EXISTING EDGE OF BITUMEN
- EXISTING ROAD SHOULDER
- E/O — EXISTING OVERHEAD POWER
- T — EXISTING UNDERGROUND TELSTRA
- OF — OF — EXISTING UNDERGROUND OPTIC FIBRE
- SW — EXISTING DRAINAGE PIPE
- Y — EXISTING BANK BOTTOM
- Y — EXISTING BANK TOP
- / — EXISTING FENCE
- 62 — PROPERTY STREET NUMBER
- 11/1200712 — PROPERTY LOT AND DP
- EXISTING TREE TO REMAIN
- EXISTING TELECOMMUNICATIONS PIT
- EXISTING TELECOMMUNICATIONS MARKER POST
- EXISTING POWER / TELECOMMUNICATIONS POLE
- EXISTING STAY WIRE
- EXISTING SIGNAGE
- EXISTING BOUNDARY REFERENCE MARK

CONSTRUCTION
FOR CONSTRUCTION

ISSUE	AMENDMENT DETAILS	DRAWN	CHECK	DATE
1	CONSTRUCTION ISSUE	A.D.	K.W.	03.02.22

SCALE: A1 SHEET 1:125, A3 SHEET 1:250
0 2.5 5 7.5 10 12.5m

USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.

INFRASTRUCTURE SERVICES
COUNCIL OFFICES
70-90 STATION STREET,
MULLUMBIMBY NSW 2482.
PHONE 02 66267000
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WEBSITE www.byron.nsw.gov.au

Byron Shire Council

APPROVED ON BEHALF OF THE GENERAL MANAGER
DATE 31.01.22

DESIGNED	A.D.	31.01.20
DRAWN	A.D.	31.01.20
CHECKED	K.W.	27.11.20
HORIZONTAL DATUM		ARBITRARY
VERTICAL DATUM		AHD

PROJECT: **The Pocket Road, The Pocket Stage 2 Works (Ch.2,810 - 3,690)**

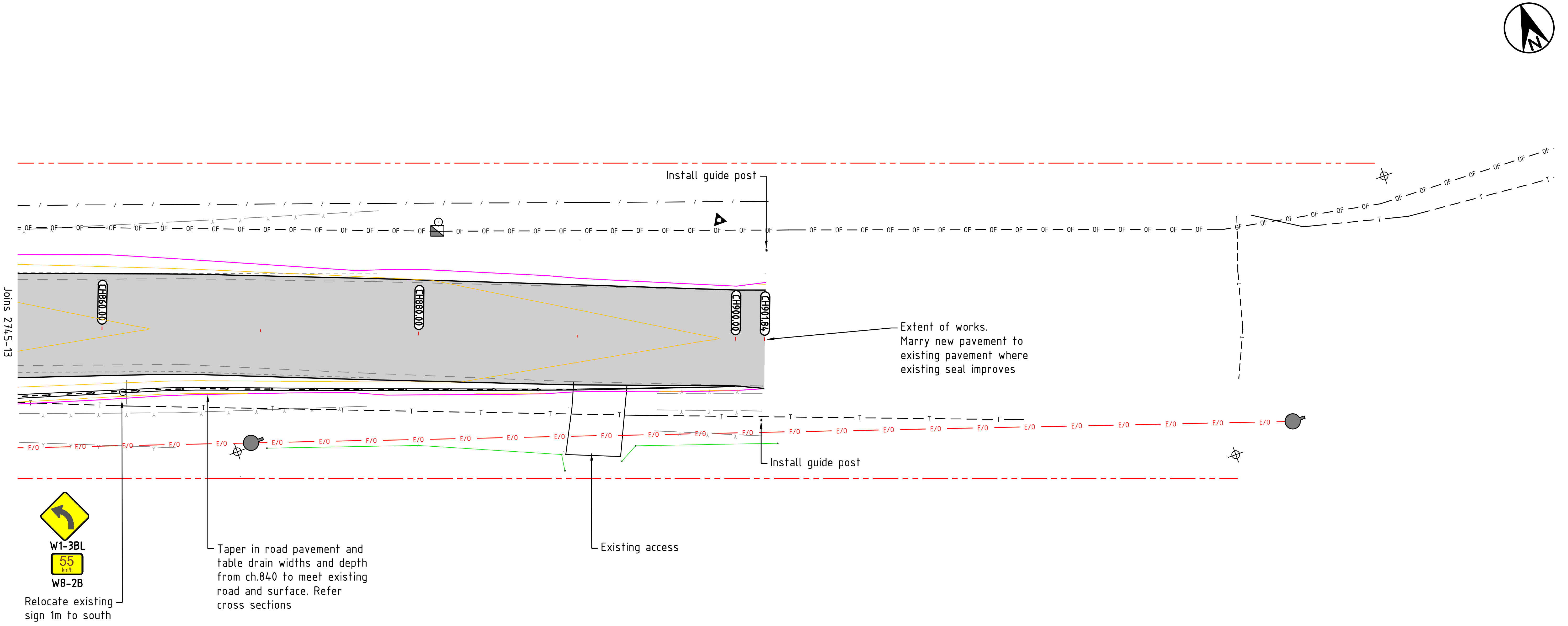
PLAN TITLE: **Road works and drainage plan sheet 10 of 11**

PROJECT NUMBER: **2745**

DRAWING NUMBER: **2745-13**

ISSUE: **1**

ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg



ROAD WORKS AND DRAINAGE PLAN

SCALE 1:250 (A3)

LINE MARKING LEGEND

NOT TO SCALE

S1 DIVIDING LINE (3m, 9m, 3m, 9m, 3m, 9m, 3m)	100	WHITE
BB DIVIDING BARRIER LINE	100 100 100	WHITE
E1 EDGE LINE	150	WHITE

RRPMs – REFER RMS DELINEATION SECTION 15

RRPMs TO BE SPACED AT 12m INTERVALS ALONG BB DIVIDING BARRIER LINE.
NOT REQUIRED FOR DURATION OF S1 DIVIDING LINE

GUIDE POSTS – REFER RMS DELINEATION SECTION 16

CH0 TO CH100 – GUIDE POSTS TO BE SPACED AT 150m INTERVALS
CH100 TO CH210 – 15m SPACING OUTSIDE OF CURVE, 30m SPACING INSIDE OF CURVE
CH210 TO CH750 – 150m SPACING
CH750 TO CH800 – 6m SPACING OUTSIDE CURVE (INCLUDING GUARDRAIL), 12m SPACING INSIDE OF CURVE
CH800 TO CH 900 – 150m SPACING

LEGEND – PROPOSED

- PROPOSED PAVEMENT RECONSTRUCTION
- E1 — PROPOSED LINEMARK
- PROPOSED TABLE DRAIN
- PROPOSED EXTENT OF CUT/FILL BATTER
- PROPOSED RELOCATED FENCE
- 38 — DESIGN MAJOR CONTOUR
- DESIGN MINOR CONTOUR
- PROPOSED DRAINAGE PIPE, HEADWALL & SCOUR PROTECTION

LEGEND – EXISTING

- PROPERTY BOUNDARY
- EXISTING EDGE OF BITUMEN
- EXISTING ROAD SHOULDER
- E/O — EXISTING OVERHEAD POWER
- T — EXISTING UNDERGROUND TELSTRA
- OF — OF — EXISTING UNDERGROUND OPTIC FIBRE
- SW — EXISTING DRAINAGE PIPE
- Y — EXISTING BANK BOTTOM
- Y — EXISTING BANK TOP
- / — EXISTING FENCE
- 62 — PROPERTY STREET NUMBER
- 11/1200712 — PROPERTY LOT AND DP
- EXISTING TREE TO REMAIN
- EXISTING TELECOMMUNICATIONS PIT
- EXISTING TELECOMMUNICATIONS MARKER POST
- EXISTING POWER / TELECOMMUNICATIONS POLE
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- EXISTING SIGNAGE
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CONSTRUCTION
FOR CONSTRUCTION

ISSUE	AMENDMENT DETAILS	DRAWN	CHECK	DATE
1	CONSTRUCTION ISSUE	A.D.	K.W.	03.02.22

SCALE: A1 SHEET 1:125, A3 SHEET 1:250
0 2.5 5 7.5 10 12.5m

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VERTICAL DATUM		AHD

PROJECT: The Pocket Road, The Pocket
Stage 2 Works (Ch.2,810 - 3,690)

PROJECT NUMBER: 2745

PLAN TITLE: Road works and drainage plan
sheet 11 of 11

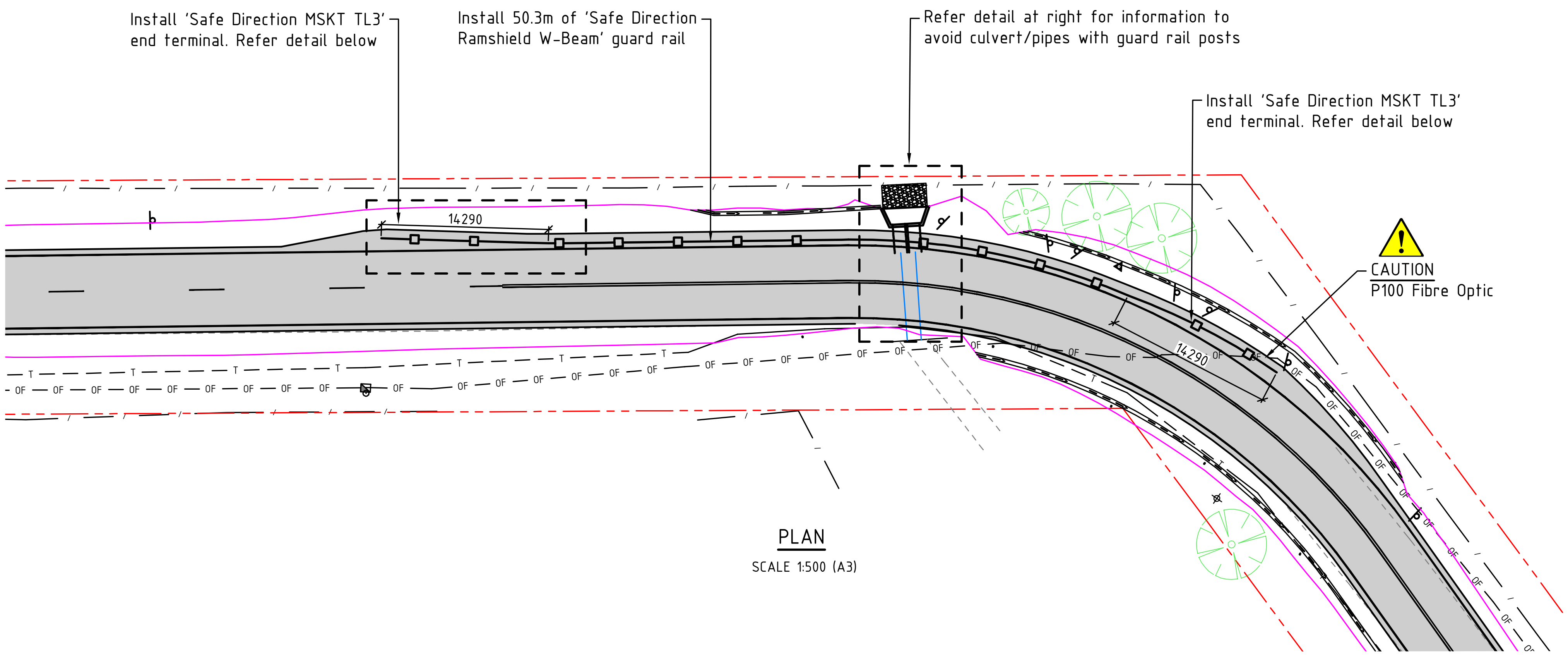
DRAWING NUMBER: 2745-14

ISSUE: 1

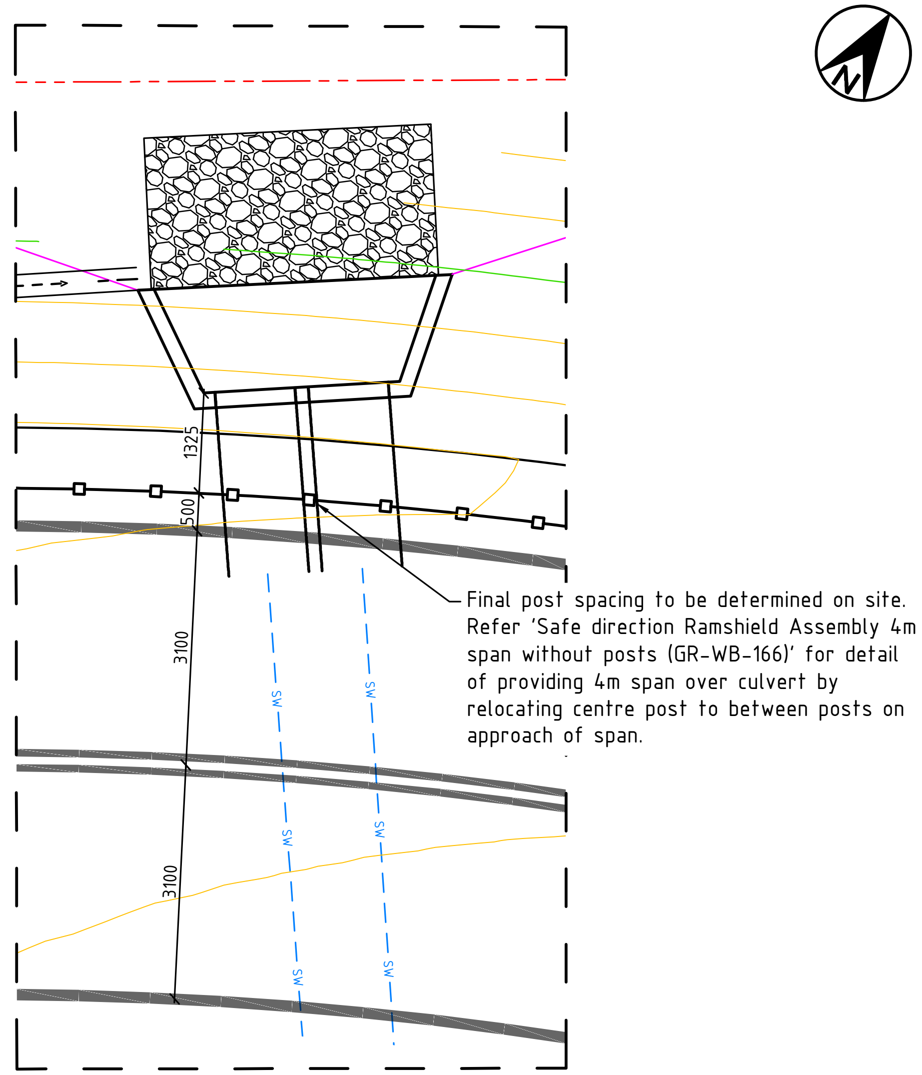
ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg

LEGEND - PROPOSED

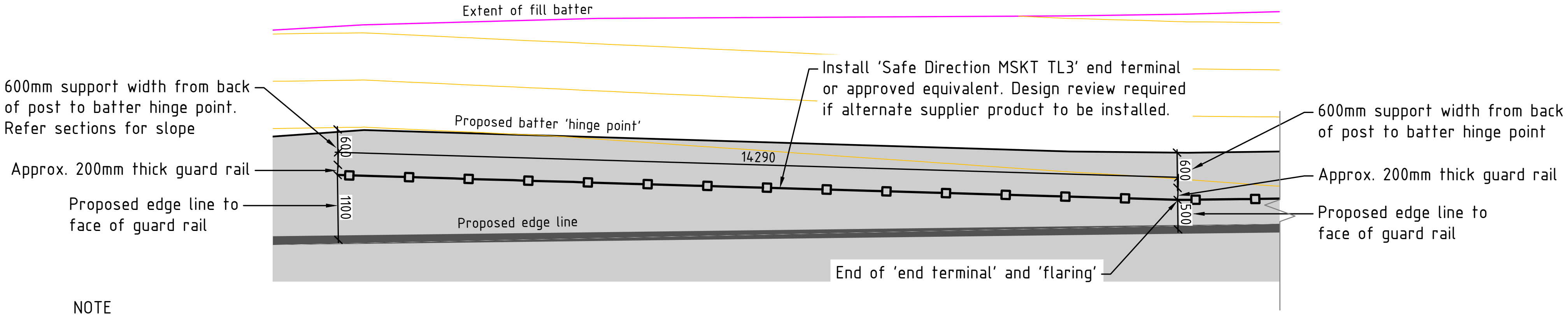
- PROPOSED PAVEMENT RECONSTRUCTION
- PROPOSED GUARD RAIL
- PROPOSED TABLE DRAIN
- PROPOSED EXTENT OF CUT/FILL BATTER
- EXISTING PROPERTY BOUNDARY
- EXISTING OPTIC FIBRE
- EXISTING TELSTRA
- EXISTING FENCE



PLAN
SCALE 1:500 (A3)

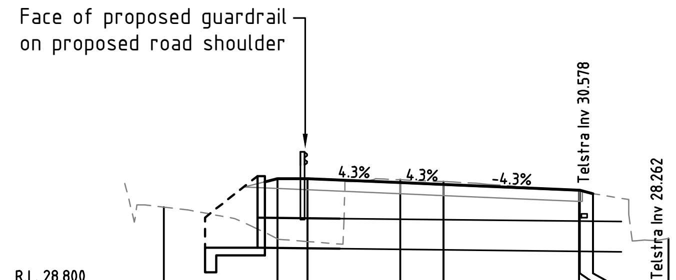


DETAIL
SCALE 1:100 (A3)



NOTE
End terminal 'flaring' required.
Offset from face of guardrail to centre of edge line to taper from 1100mm at start of terminal to 500mm at end of terminal/start of w-beam.

END TERMINAL DETAIL
SCALE 1:100 (A3)



CUT/FILL			1.586	1.664	-0.079	-0.076	0.018	0.021	0.000	
DESIGN SURFACE			31.605	31.608	31.504	31.455	31.302	31.301	31.214	
EXISTING SURFACE	31.486	30.855	30.020	29.945	31.582	31.531	31.284	31.280	31.214	30.023
OFFSET	-8.434	-7.401	-4.400	-3.600	-1.151	0.000	3.584	3.600	3.948	5.948

CH 754.517
SCALE 1:200 (A3)

CONSTRUCTION
FOR CONSTRUCTION

ISSUE	AMENDMENT DETAILS	DRAWN	CHECK	DATE
1	CONSTRUCTION ISSUE	A.D.	K.W.	03.02.22

SCALE: A1 SHEET 1:50, A3 SHEET 1:100 (0 0.5 1 2 3 4 5 m)
SCALE: A1 SHEET 1:100, A3 SHEET 1:200 (0 1 2 4 6 8 10 m)
SCALE: A1 SHEET 1:250, A3 SHEET 1:500 (0 2.5 5 10 15 20 25 m)
USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.

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Byron Shire Council

APPROVED ON BEHALF OF THE GENERAL MANAGER
DATE 31.01.22

DESIGNED	A.D.	26.11.20
DRAWN	A.D.	26.11.20
CHECKED	K.W.	27.11.20
HORIZONTAL DATUM	ARBITRARY	
VERTICAL DATUM	AHD	

PROJECT: **The Pocket Road, The Pocket Stage 2 Works (Ch.2,810 - 3,690)**

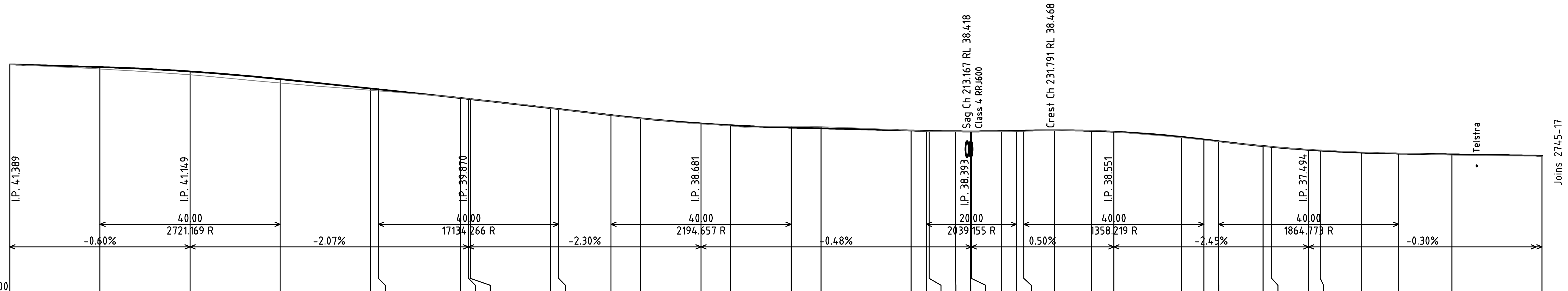
PLAN TITLE: **Road safety barrier details**

PROJECT NUMBER: **2745**

DRAWING NUMBER: **2745-15**

ISSUE: **1**

ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg



Cut Fill	+0.000	+0.084	+0.149	+0.167	+0.080	+0.071	-0.006	-0.002	-0.002	+0.002
Design Levels	41.389	41.269	41.076	40.735	40.321	40.284	39.897	39.858	39.849	39.450
Existing Levels	41.389	41.185	40.927	40.568	40.241	40.213	39.903	39.860	39.851	39.448
Chainage	0.000	20.000	40.000	60.000	80.000	81.809	100.000	101.809	102.196	120.000

Cut Fill	+0.007	+0.001	+0.007	+0.016	+0.032	-0.055	-0.071	-0.003	+0.009	+0.012
Design Levels	39.409	39.142	39.000	38.773	38.691	38.585	38.553	38.457	38.441	38.438
Existing Levels	39.402	39.141	38.993	38.757	38.659	38.640	38.624	38.460	38.432	38.426
Chainage	121.809	133.392	140.000	153.392	160.000	173.392	180.000	200.000	203.362	204.000

Cut Fill	+0.011	+0.014	+0.014	+0.013	+0.014	+0.015	+0.005	-0.004	+0.004	+0.035
Design Levels	38.420	38.418	38.418	38.429	38.443	38.451	38.468	38.443	38.404	38.175
Existing Levels	38.409	38.404	38.404	38.416	38.429	38.436	38.463	38.447	38.400	38.140
Chainage	209.879	213.167	213.362	220.000	223.362	225.000	231.791	240.000	245.000	260.000

Cut Fill	+0.026	+0.014	-0.005	-0.006	-0.012	-0.017	-0.021	-0.015	+0.030	+0.018
Design Levels	38.062	37.983	37.768	37.733	37.602	37.568	37.477	37.434	37.399	37.339
Existing Levels	38.036	37.969	37.773	37.739	37.614	37.585	37.498	37.449	37.369	37.321
Chainage	265.000	268.221	278.111	280.000	288.221	290.792	300.000	308.221	320.000	340.000

THE POCKET ROAD CENTRELINE LONGSECTION

SCALE V 1:1000 H 1:200 (A3)

1	CONSTRUCTION ISSUE	A.D.	K.W. 03.02.22
ISSUE	AMENDMENT DETAILS	DRAWN	CHECK DATE

CONSTRUCTION
FOR CONSTRUCTION

SCALE: A1 SHEET 1:100, A3 SHEET 1:200
0 1 2 4 6 8 10 m

SCALE: A1 SHEET 1:500, A3 SHEET 1:1000
0 5 10 20 30 40 50 m

USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.

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Byron Shire Council

APPROVED ON BEHALF OF THE GENERAL MANAGER
DATE 31.01.22

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CHECKED	K.W.	27.11.20
HORIZONTAL DATUM		ARBITRARY
VERTICAL DATUM		AHD

PROJECT: THE POCKET ROAD STAGE 2 (CH.2,810 - 3,690)

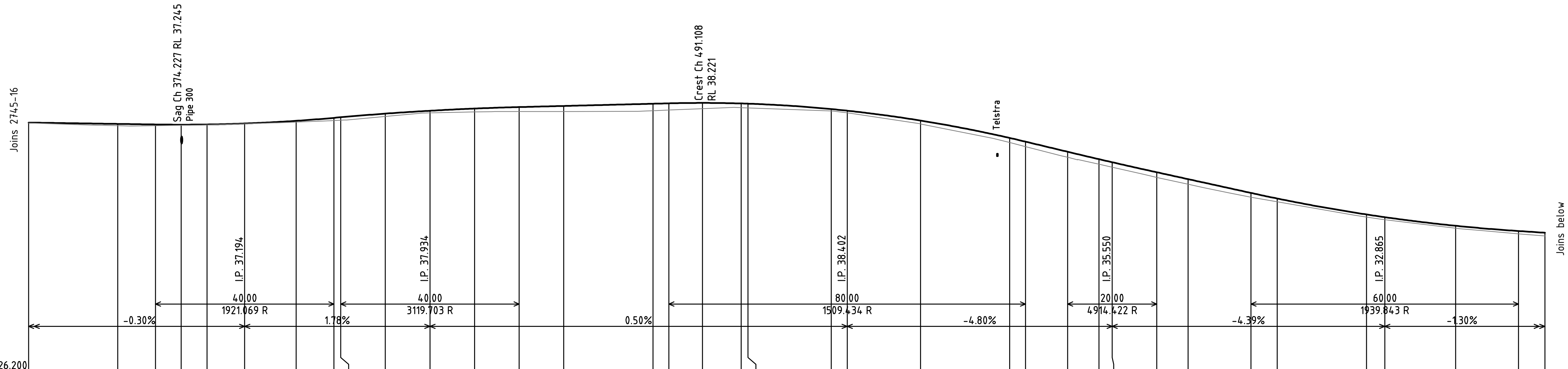
PLAN TITLE: THE POCKET ROAD CENTRELINE LONGSECTION SHEET 1 OF 2

PROJECT NUMBER: 2745

DRAWING NUMBER: 2745-16

ISSUE: 1

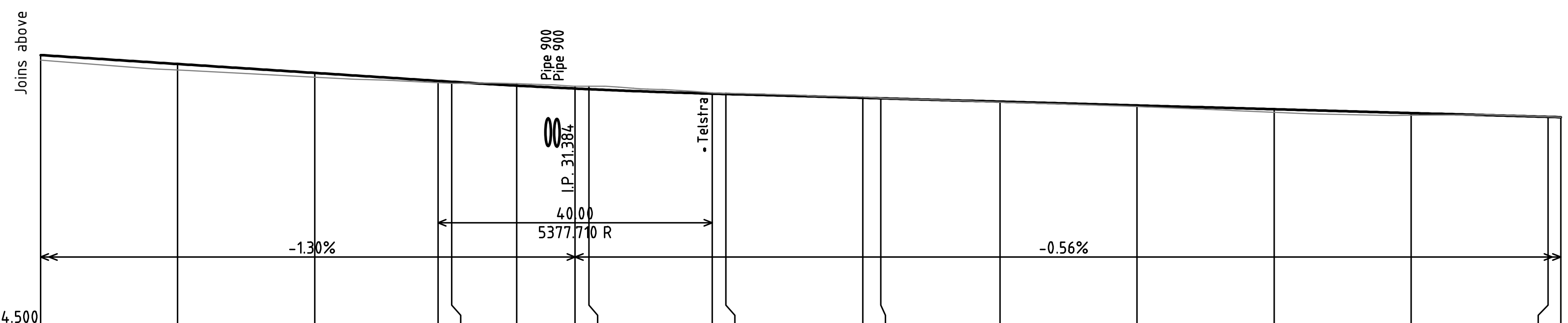
ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg



Chainage	340.000	360.000	368.464	374.227	380.000	388.464	400.000	408.464	410.000	420.000	430.000	440.000
Cut Fill	+0.018	+0.079	+0.054	+0.031	+0.021	+0.012	+0.054	+0.118	+0.133	+0.127	+0.094	+0.154
Design Levels	37.339	37.279	37.254	37.245	37.254	37.298	37.418	37.550	37.578	37.740	37.870	37.968
Existing Levels	37.321	37.200	37.200	37.214	37.233	37.286	37.364	37.432	37.445	37.613	37.776	37.814

Chainage	450.000	460.000	480.000	483.561	491.108	499.779	501.293	520.000	523.561	540.000	560.000	563.561
Cut Fill	+0.199	+0.250	+0.312	+0.300	+0.257	+0.188	+0.190	+0.085	+0.100	+0.150	+0.207	+0.222
Design Levels	38.034	38.084	38.184	38.202	38.221	38.196	38.186	37.944	37.872	37.429	36.649	36.482
Existing Levels	37.835	37.834	37.872	37.902	37.964	38.008	37.996	37.859	37.772	37.279	36.442	36.260

Chainage	572.974	580.000	582.974	592.974	600.000	614.100	620.000	640.000	644.100	660.000	674.100	680.000
Cut Fill	+0.247	+0.227	+0.223	+0.229	+0.230	+0.192	+0.146	+0.114	+0.111	+0.106	+0.124	+0.147
Design Levels	36.030	35.698	35.560	35.111	34.802	34.183	33.932	33.218	33.097	32.709	32.475	32.398
Existing Levels	35.783	35.471	35.337	34.882	34.572	33.991	33.786	33.104	32.986	32.603	32.351	32.251



Chainage	680.000	700.000	720.000	738.000	740.000	749.486	758.000	760.000	778.000
Cut Fill	+0.147	+0.171	+0.126	+0.050	+0.040	-0.054	-0.068	-0.088	-0.021
Design Levels	32.398	32.138	31.878	31.644	31.618	31.507	31.421	31.403	31.273
Existing Levels	32.251	31.967	31.752	31.594	31.578	31.561	31.489	31.491	31.294

Chainage	780.000	800.000	802.596	820.000	840.000	860.000	880.000	900.000	901.836
Cut Fill	-0.020	-0.023	-0.009	+0.014	+0.036	+0.090	+0.066	-0.002	+0.000
Design Levels	31.262	31.150	31.136	31.039	30.928	30.817	30.705	30.594	30.584
Existing Levels	31.282	31.173	31.145	31.025	30.892	30.727	30.639	30.596	30.584

THE POCKET ROAD CENTRELINE LONGSECTION

SCALE V 1:1000 H 1:200 (A3)

CONSTRUCTION
FOR CONSTRUCTION

ISSUE	AMENDMENT DETAILS	DRAWN	CHECK	DATE
1	CONSTRUCTION ISSUE	A.D.	K.W.	03.02.22

SCALE: A1 SHEET 1:100, A3 SHEET 1:200
0 1 2 4 6 8 10 m
SCALE: A1 SHEET 1:500, A3 SHEET 1:1000
0 5 10 20 30 40 50 m
USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.

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Byron Shire Council

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PROJECT: THE POCKET ROAD STAGE 2 (CH.2,810 - 3,690)

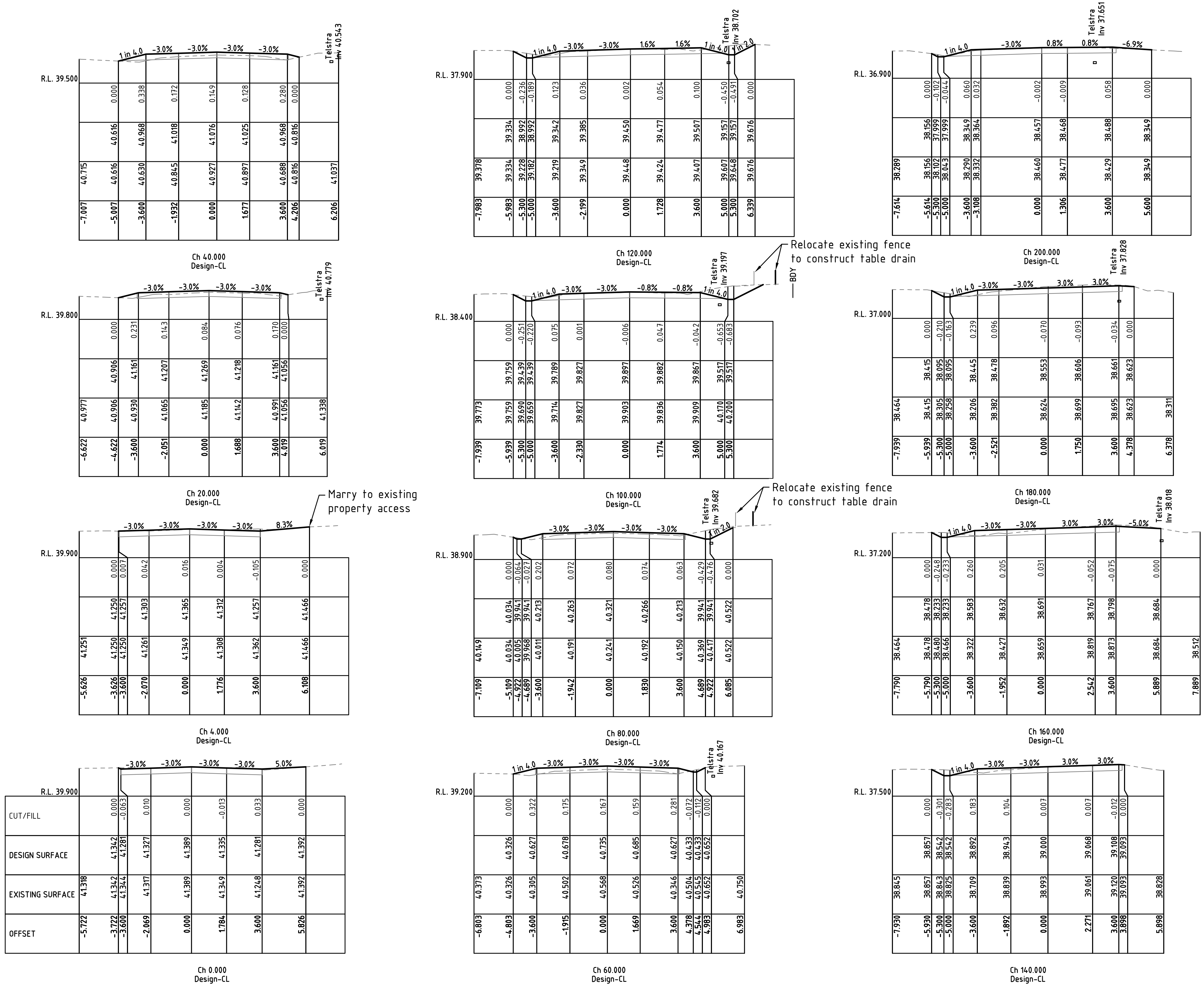
PROJECT NUMBER: 2745

PLAN TITLE: THE POCKET ROAD CENTRELINE LONGSECTION SHEET 2 OF 2

DRAWING NUMBER: 2745-17

ISSUE: 1

ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg



CONSTRUCTION
FOR CONSTRUCTION

ISSUE	AMENDMENT DETAILS	DRAWN	CHECK	DATE
1	CONSTRUCTION ISSUE	A.D.	K.W.	03.02.22

SCALE: A1 SHEET 1:100, A3 SHEET 1:200

0 1 2 4 6 8 10 m

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VERTICAL DATUM		AHD

PROJECT: THE POCKET ROAD STAGE 2 (CH.2,810 - 3,690)

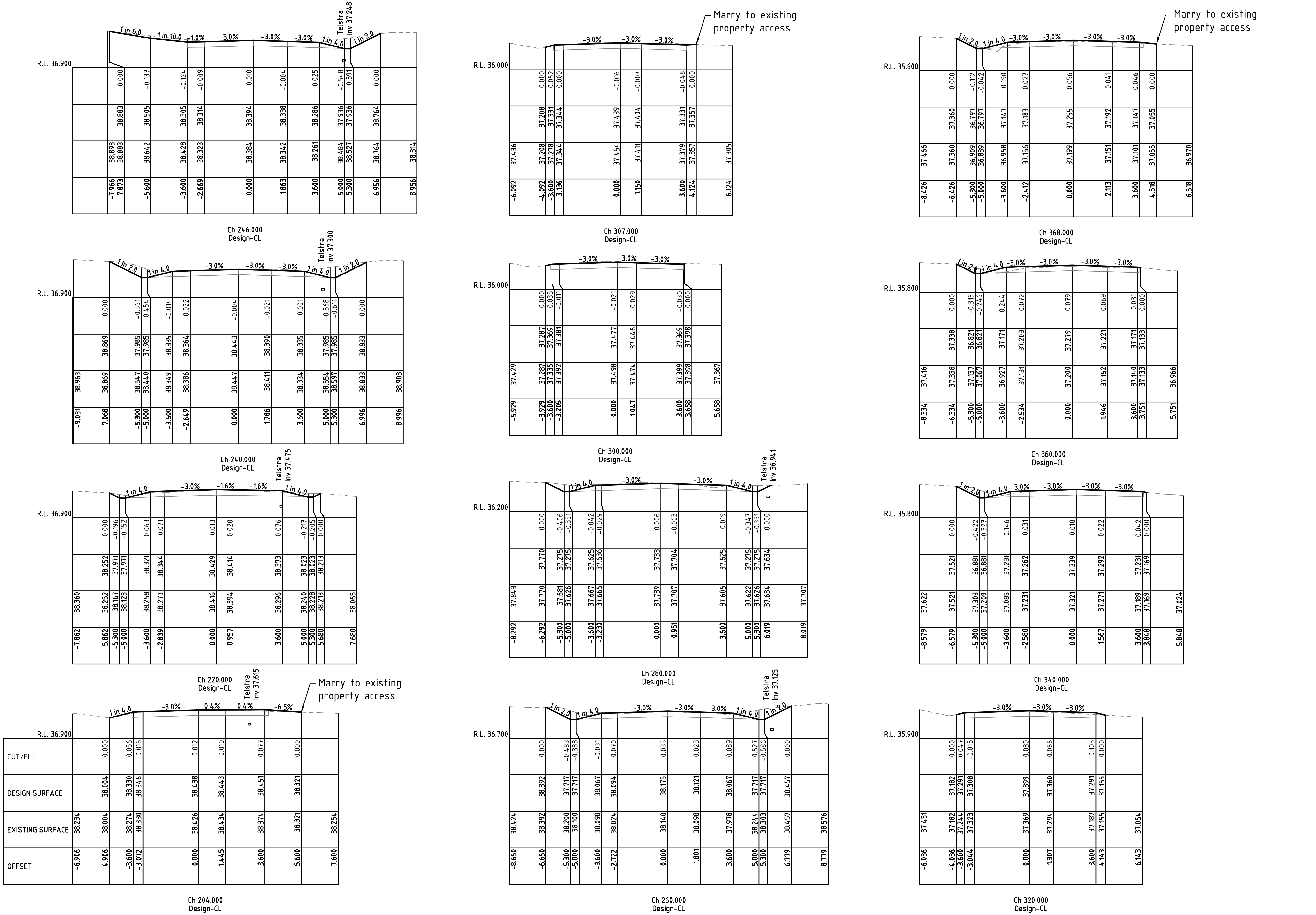
PLAN TITLE: THE POCKET ROAD CROSS SECTIONS SHEET 1 OF 5

PROJECT NUMBER: 2745

DRAWING NUMBER: 2745-18

ISSUE: 1

ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg



1	CONSTRUCTION ISSUE	A.D.	K.W.	03.02.22
ISSUE	AMENDMENT DETAILS	DRAWN	CHECK	DATE

CONSTRUCTION

FOR CONSTRUCTION

SCALE: A1 SHEET 1:100, A3 SHEET 1:200

0 1 2 4 6 8 10 m

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VERTICAL DATUM		AHD

PROJECT: THE POCKET ROAD STAGE 2 (CH.2,810 - 3,690)

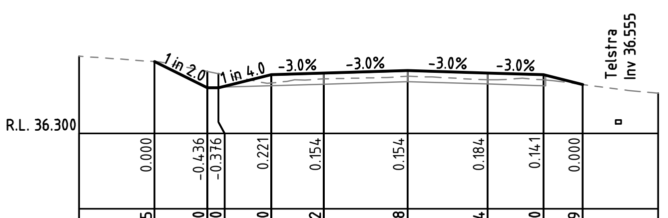
PLAN TITLE: THE POCKET ROAD CROSS SECTIONS SHEET 2 OF 5

PROJECT NUMBER: 2745

DRAWING NUMBER: 2745-19

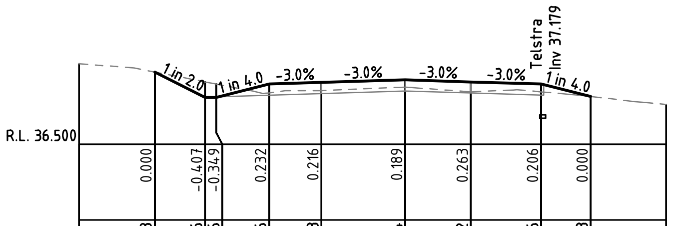
ISSUE: 1

ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg



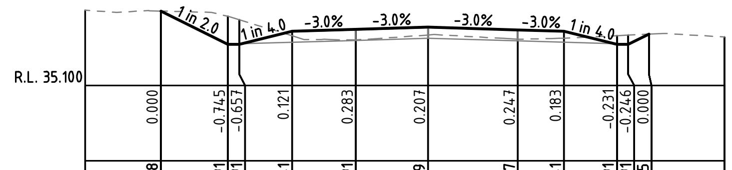
CUT/FILL		0.000	-0.436	-0.376	0.221	0.154	0.154	0.184	0.141	0.000	
DESIGN SURFACE		38.205	37.510	37.510	37.860	37.902	37.968	37.904	37.860	37.599	
EXISTING SURFACE	38.349	38.205	37.946	37.886	37.639	37.747	37.814	37.720	37.719	37.599	37.367
OFFSET	-8.690	-6.690	-5.300	-5.000	-3.600	-2.215	0.000	2.120	3.600	4.645	6.645

Ch 440.000
Design-CL



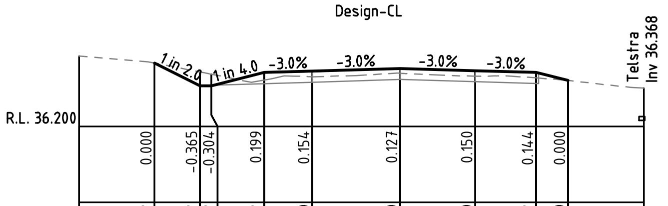
CUT/FILL		0.000	-0.407	-0.349	0.232	0.216	0.189	0.263	0.206	0.000	
DESIGN SURFACE		38.403	37.736	37.736	38.086	38.128	38.194	38.142	38.086	37.758	
EXISTING SURFACE	38.624	38.403	38.144	38.085	37.854	37.912	38.006	37.879	37.881	37.758	37.544
OFFSET	-8.634	-6.634	-5.300	-5.000	-3.600	-2.216	0.000	1.739	3.600	4.913	6.913

Ch 499.999
Design-CL



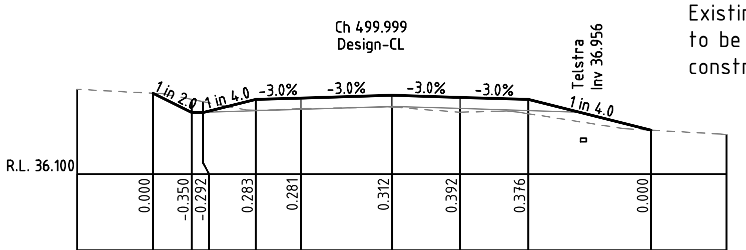
CUT/FILL		0.000	-0.745	-0.657	0.121	0.283	0.207	0.247	0.183	-0.231	-0.246	0.000	
DESIGN SURFACE		37.078	36.191	36.191	36.541	36.591	36.649	36.577	36.541	36.191	36.191	36.465	
EXISTING SURFACE	37.096	37.078	36.936	36.848	36.420	36.308	36.442	36.330	36.358	36.422	36.437	36.465	36.391
OFFSET	-9.075	-7.075	-5.300	-5.000	-3.600	-1.915	0.000	2.379	3.600	5.000	5.300	5.848	7.848

Ch 560.000
Design-CL



CUT/FILL		0.000	-0.365	-0.304	0.199	0.154	0.127	0.150	0.144	0.000	
DESIGN SURFACE		37.882	37.282	37.282	37.632	37.670	37.740	37.680	37.632	37.420	
EXISTING SURFACE	38.066	37.882	37.646	37.586	37.432	37.516	37.613	37.530	37.488	37.420	37.219
OFFSET	-8.500	-6.500	-5.300	-5.000	-3.600	-2.329	0.000	1.992	3.600	4.448	6.448

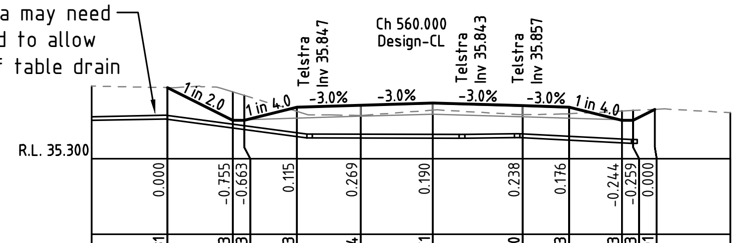
Ch 420.000
Design-CL



CUT/FILL		0.000	-0.350	-0.292	0.283	0.281	0.312	0.392	0.376	0.000	
DESIGN SURFACE		38.239	37.726	37.726	38.076	38.112	38.184	38.130	38.076	37.264	
EXISTING SURFACE	38.343	38.239	38.076	38.018	37.793	37.830	37.872	37.738	37.700	37.264	37.145
OFFSET	-8.326	-6.326	-5.300	-5.000	-3.600	-2.413	0.000	1.792	3.600	6.847	8.847

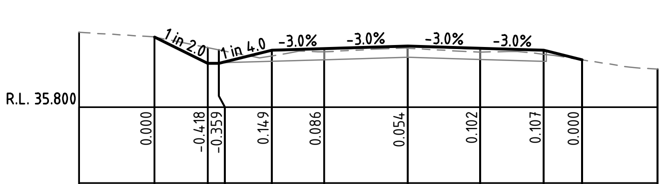
Ch 480.000
Design-CL

Existing Telstra may need to be relocated to allow construction of table drain



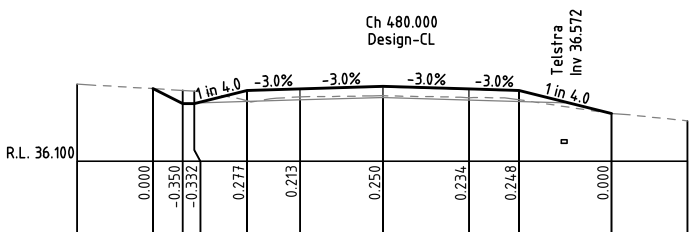
CUT/FILL		0.000	-0.755	-0.663	0.115	0.269	0.190	0.238	0.176	-0.244	-0.259	0.000	
DESIGN SURFACE		37.181	36.313	36.313	36.663	36.714	36.771	36.700	36.663	36.313	36.313	36.601	
EXISTING SURFACE	37.218	37.181	37.068	36.976	36.548	36.445	36.582	36.462	36.487	36.557	36.572	36.601	36.516
OFFSET	-9.035	-7.035	-5.300	-5.000	-3.600	-1.917	0.000	2.372	3.600	5.000	5.300	5.876	7.876

Ch 557.253
Design-CL



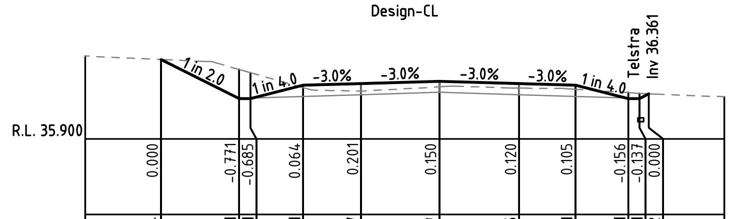
CUT/FILL		0.000	-0.418	-0.359	0.149	0.086	0.054	0.102	0.107	0.000	
DESIGN SURFACE		37.661	36.960	36.960	37.310	37.351	37.418	37.361	37.310	37.057	
EXISTING SURFACE	37.781	37.661	37.378	37.319	37.161	37.266	37.364	37.258	37.203	37.057	36.808
OFFSET	-8.702	-6.702	-5.300	-5.000	-3.600	-2.219	0.000	1.916	3.600	4.613	6.613

Ch 400.000
Design-CL



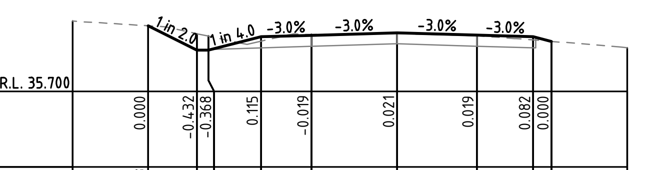
CUT/FILL		0.000	-0.350	-0.332	0.277	0.213	0.250	0.234	0.248	0.000	
DESIGN SURFACE		38.023	37.626	37.626	37.976	38.018	38.084	38.016	37.976	37.364	
EXISTING SURFACE	38.138	38.023	37.976	37.958	37.699	37.805	37.834	37.782	37.728	37.364	37.171
OFFSET	-8.094	-6.094	-5.300	-5.000	-3.600	-2.195	0.000	2.279	3.600	6.047	8.047

Ch 460.000
Design-CL



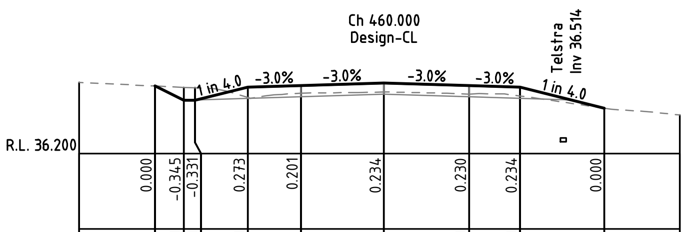
CUT/FILL		0.000	-0.771	-0.685	0.064	0.201	0.150	0.120	0.105	-0.156	-0.137	0.000	
DESIGN SURFACE		38.004	36.971	36.971	37.321	37.367	37.429	37.365	37.321	36.971	36.971	37.092	
EXISTING SURFACE	38.096	38.004	37.741	37.656	37.257	37.166	37.279	37.245	37.216	37.127	37.108	37.092	37.017
OFFSET	-9.366	-7.366	-5.300	-5.000	-3.600	-2.068	0.000	2.117	3.600	5.000	5.300	5.543	7.543

Ch 540.000
Design-CL



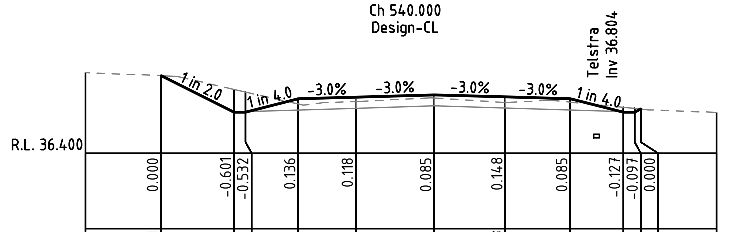
CUT/FILL		0.000	-0.432	-0.368	0.115	-0.019	0.021	0.019	0.082	0.000	
DESIGN SURFACE		37.438	36.796	36.796	37.146	37.186	37.254	37.191	37.146	37.025	
EXISTING SURFACE	37.560	37.438	37.228	37.164	37.031	37.205	37.233	37.172	37.064	37.025	36.856
OFFSET	-8.584	-6.584	-5.300	-5.000	-3.600	-2.270	0.000	2.105	3.600	4.085	6.085

Ch 380.000
Design-CL



CUT/FILL		0.000	-0.345	-0.331	0.273	0.201	0.234	0.230	0.234	0.000	
DESIGN SURFACE		37.992	37.611	37.611	37.961	38.003	38.069	38.001	37.961	37.403	
EXISTING SURFACE	38.087	37.992	37.956	37.942	37.688	37.802	37.835	37.772	37.727	37.403	37.224
OFFSET	-8.062	-6.062	-5.300	-5.000	-3.600	-2.201	0.000	2.254	3.600	5.832	7.832

Ch 457.000
Design-CL



CUT/FILL		0.000	-0.601	-0.532	0.136	0.118	0.085	0.148	0.085	-0.127	-0.097	0.000	
DESIGN SURFACE		38.451	37.486	37.486	37.836	37.882	37.944	37.888	37.836	37.486	37.486	37.567	
EXISTING SURFACE	38.533	38.451	38.087	38.019	37.700	37.765	37.859	37.739	37.751	37.613	37.583	37.567	37.479
OFFSET	-9.229	-7.229	-5.300	-5.000	-3.600	-2.072	0.000	1.877	3.600	5.000	5.300	5.462	7.462

Ch 520.000
Design-CL

CONSTRUCTION
FOR CONSTRUCTION

ISSUE	AMENDMENT DETAILS	DRAWN	CHECK	DATE
1	CONSTRUCTION ISSUE	A.D.	K.W.	03.02.22

SCALE: A1 SHEET 1:100, A3 SHEET 1:200
0 1 2 4 6 8 10 m

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INFRASTRUCTURE SERVICES
COUNCIL OFFICES
70-90 STATION STREET,
MULLUMBIMBY NSW 2482.
PHONE 02 66267000
FAX 02 66843018
WEBSITE www.byron.nsw.gov.au

Byron Shire Council

APPROVED ON BEHALF OF THE GENERAL MANAGER
DATE 31.01.22

DESIGNED	A.D.	29.10.19
DRAWN	A.D.	29.10.19
CHECKED	K.W.	27.11.20
HORIZONTAL DATUM	ARBITRARY	
VERTICAL DATUM	AHD	

PROJECT: THE POCKET ROAD STAGE 2 (CH.2,810 - 3,690)

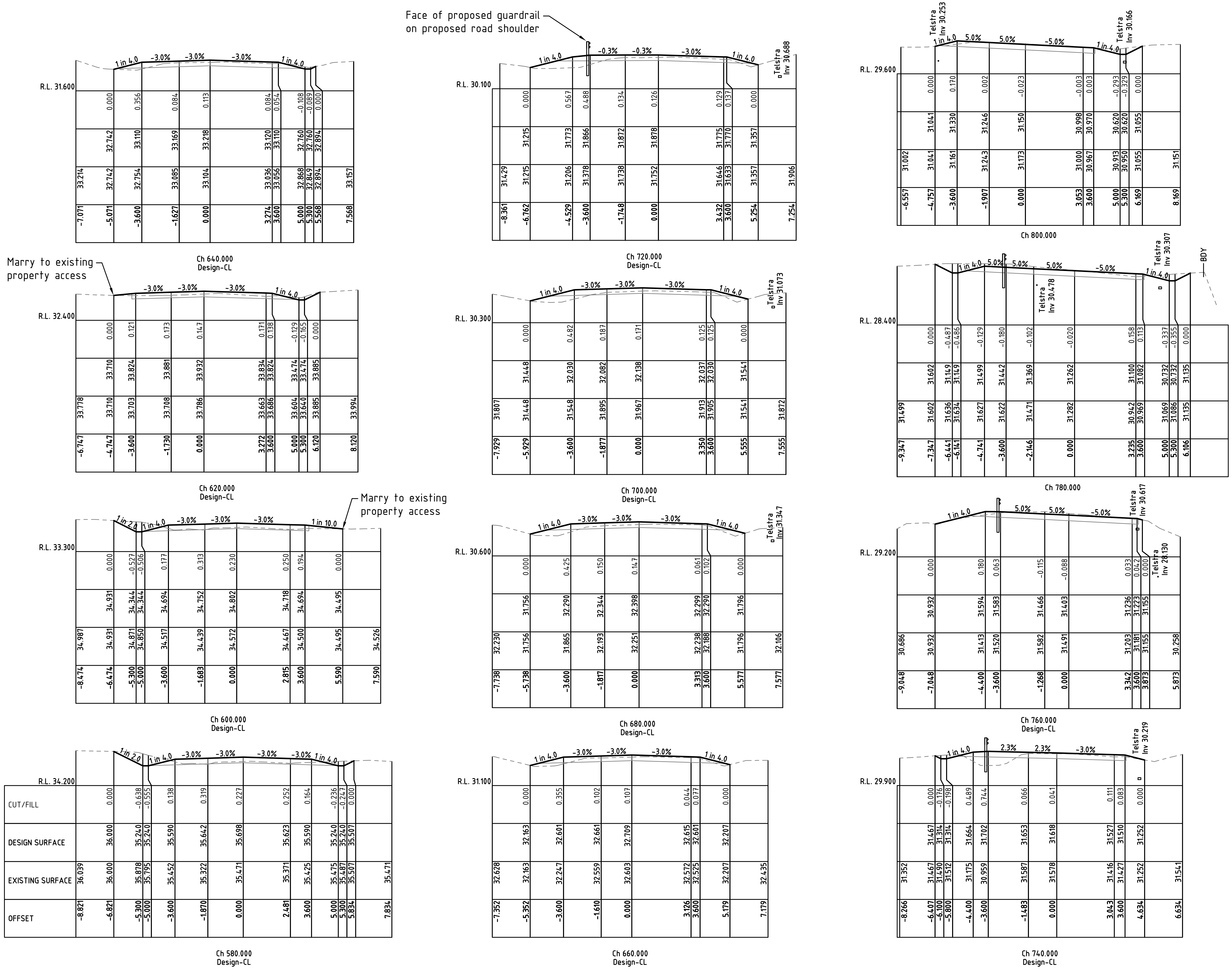
PLAN TITLE: THE POCKET ROAD CROSS SECTIONS SHEET 3 OF 5

PROJECT NUMBER: 2745

DRAWING NUMBER: 2745-20

ISSUE: 1

ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg



	CONSTRUCTION		
	FOR CONSTRUCTION		
1	CONSTRUCTION ISSUE	A.D. / K.W.	03.02.22
ISSUE	AMENDMENT DETAILS	DRAWN / CHECK	DATE

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PROJECT: THE POCKET ROAD STAGE 2 (CH.2,810 - 3,690)

PLAN TITLE: THE POCKET ROAD CROSS SECTIONS SHEET 4 OF 5

PROJECT NUMBER: 2745

DRAWING NUMBER: 2745-21

ISSUE: 1

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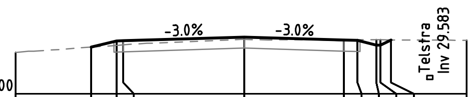
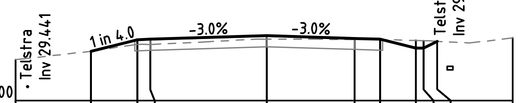


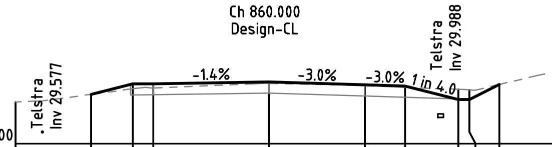
CUT/FILL		0.000	0.118	0.110	0.067	-0.010	-0.019	-0.141	-0.140	0.000	
DESIGN SURFACE		30.438	30.604	30.609	30.705	30.626	30.616	30.491	30.491	30.630	
EXISTING SURFACE	30.299	30.438	30.486	30.499	30.639	30.637	30.635	30.632	30.631	30.630	30.619
OFFSET	-6.045	-4.045	-3.380	-3.202	0.000	2.636	2.991	3.489	3.595	3.873	5.873

Ch 880.000
Design-CL



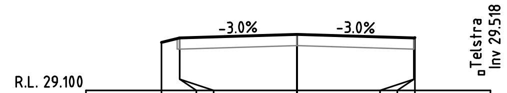
CUT/FILL		0.000	0.127	0.138	0.090	0.030	0.011	-0.201	-0.195	0.000	
DESIGN SURFACE		30.408	30.714	30.724	30.817	30.747	30.727	30.489	30.489	30.669	
EXISTING SURFACE	30.183	30.408	30.586	30.586	30.727	30.717	30.716	30.690	30.685	30.669	30.758
OFFSET	-6.656	-4.656	-3.433	-3.094	0.000	2.318	2.996	3.946	4.150	4.509	6.509

Ch 860.000
Design-CL



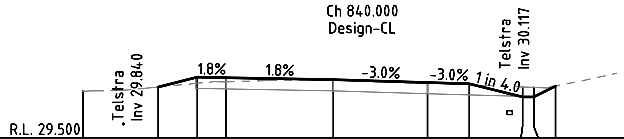
CUT/FILL		0.000	0.127	0.113	0.035	0.020	0.032	-0.264	-0.251	0.000
DESIGN SURFACE		30.603	30.878	30.885	30.928	30.852	30.820	30.470	30.470	30.862
EXISTING SURFACE	30.399	30.603	30.750	30.772	30.892	30.832	30.788	30.734	30.721	30.862
OFFSET	-6.698	-4.698	-3.600	-3.055	0.000	2.528	3.600	5.000	5.300	6.085

Ch 840.000
Design-CL



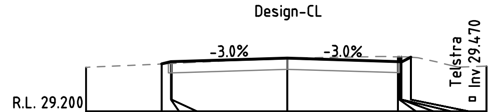
CUT/FILL				0.000			
DESIGN SURFACE	30.371	30.491	30.491	30.584	30.491	30.491	30.501
EXISTING SURFACE				30.584			
OFFSET	-3.581	-3.101	-3.100	0.000	3.100	3.103	3.124

Ch 901.836
Design-CL



CUT/FILL		0.000	0.160	0.111	0.014	0.027	0.024	-0.266	-0.254	0.000
DESIGN SURFACE		30.847	31.104	31.090	31.039	30.964	30.931	30.581	30.581	30.871
EXISTING SURFACE	30.738	30.847	30.944	30.979	31.025	30.937	30.907	30.847	30.835	30.871
OFFSET	-6.628	-4.628	-3.600	-2.839	0.000	2.492	3.600	5.000	5.300	5.879

Ch 820.000
Design-CL



CUT/FILL		0.000	0.050	0.050	-0.002	-0.125	-0.123	-0.134	-0.134	0.000	
DESIGN SURFACE		30.441	30.502	30.503	30.594	30.506	30.505	30.494	30.494	30.618	
EXISTING SURFACE	30.350	30.441	30.452	30.453	30.596	30.631	30.628	30.628	30.627	30.618	30.382
OFFSET	-5.317	-3.317	-3.072	-3.056	0.000	2.937	2.969	3.014	3.024	3.272	5.272

Ch 900.000
Design-CL

CONSTRUCTION
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ISSUE	AMENDMENT DETAILS	DRAWN	CHECK	DATE
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PROJECT: THE POCKET ROAD STAGE 2 (CH.2,810 - 3,690)

PLAN TITLE: THE POCKET ROAD CROSS SECTIONS SHEET 5 OF 5

PROJECT NUMBER: 2745

DRAWING NUMBER: 2745-22

ISSUE: 1

ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg

EROSION AND SEDIMENT CONTROL PLANS

PROGRESSIVE REVISED PLAN TO BE DEVELOPED AND IMPLEMENTED BY SITE SUPERVISOR IN ACCORDANCE WITH PRINCIPLES AND STANDARD SITE CONTROL MEASURES

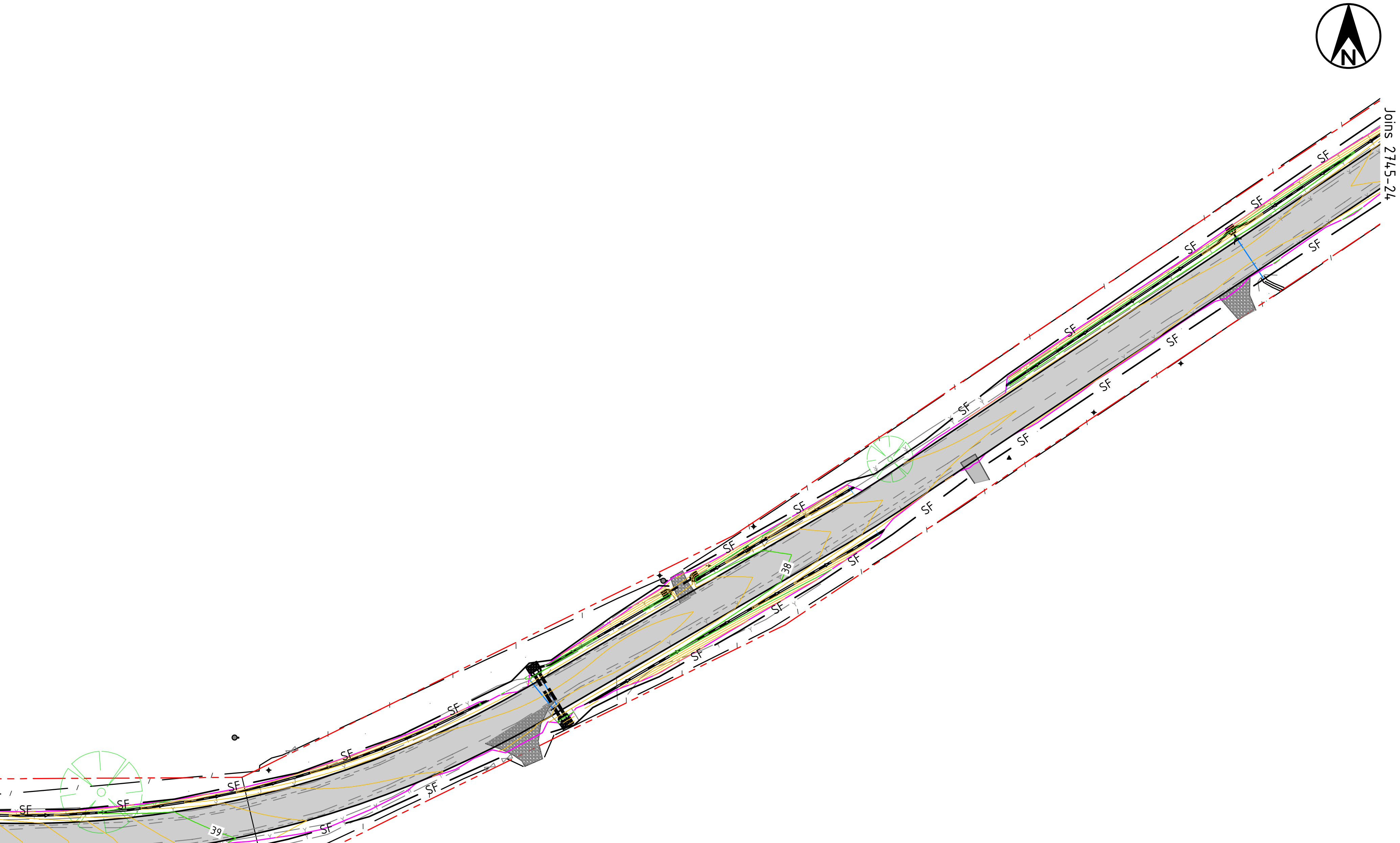
MINIMISE EXTENT AND DURATION OF DISTURBANCE
- CONSTRUCTION WORKS TO BE MANAGED SUCH THAT AREAS OUTSIDE SCOPE OF WORKS REMAIN UNDISTURBED WHERE POSSIBLE.
- MINIMISE EXTENT OF DISTURBANCE WITHIN CONSTRUCTION SITE AT ANY ONE TIME BY STAGING THE WORKS (EG. RIP EXISTING BITUMEN AND TRENCH IN SECTIONS, MOVING ON TO NEW SECTIONS FOLLOWING COMPLETION OF PREVIOUS STAGE).
- MINIMISE DISTURBANCE OF VEGETATION ALONG THE ROAD VERGE WITH SPECIAL EMPHASIS ON MANAGEMENT OF CONSTRUCTION ACTIVITIES ADJACENT TO WATERCOURSES (E.G. MAINTAIN GRASSY BUFFER WHERE POSSIBLE).
- MINIMISE DISTURBANCE TO GROUNDCOVER ADJACENT TO TRENCH.

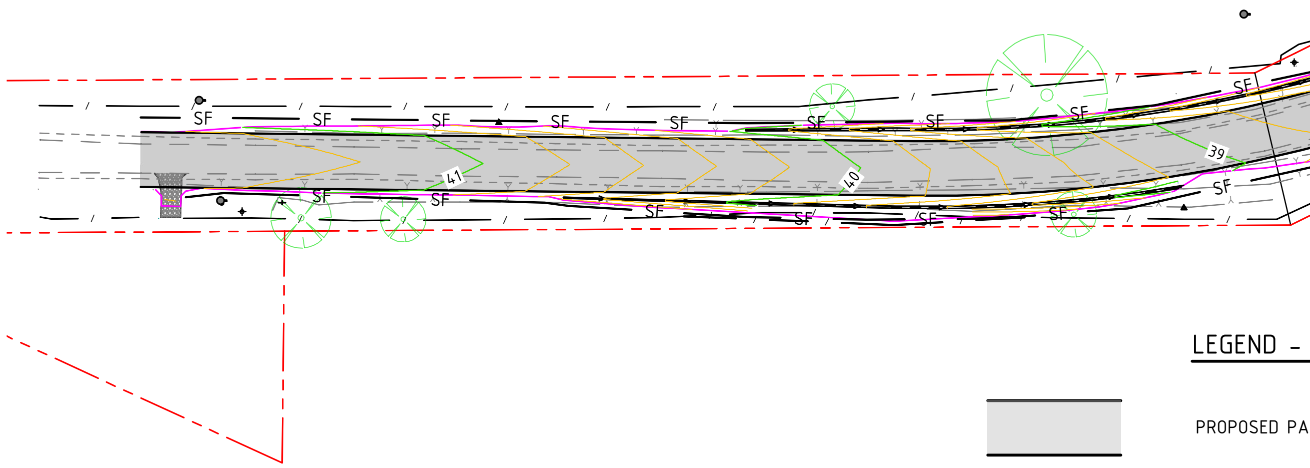
CONTROL STORMWATER FLOWS ONTO, THROUGH AND FROM THE SITE
- SEPARATE 'CLEAN' RUN-ON WATER FROM 'DIRTY' (E.G. TURBID) CONSTRUCTION AREA RUNOFF.

USE EROSION CONTROL MEASURES TO PREVENT ON-SITE DAMAGE
- THE INSTALLATION OF ALL EROSION AND SEDIMENT CONTROLS TO OCCUR PRIOR TO CLEARING AND STRIPPING WHERE POSSIBLE.
- SITE STOCKPILES OF SOIL MATERIAL IN LOW-HAZARD AREAS CLEAR OF WATERCOURSES. ADDITIONAL PROTECTION TO BE AFFORDED WITH TEMPORARY VEGETATION, DIVERSION BANKS AND SEDIMENT CONTROL MEASURES, IF REQUIRED. SEED STOCKPILES WITH ANNUAL GRASS IF THEY ARE TO BE STORED LONGER THAN 10 DAYS.
- CONSTRUCT CONTROL MEASURES AS CLOSE TO THE POTENTIAL SOURCE OF SEDIMENT AS POSSIBLE.
- CONTROL THE DEPOSITION OF MUD AND SOIL MATERIAL ONTO LOCAL ROADS.

STABILISE DISTURBED AREAS QUICKLY
- ALL STABILISATION AND REINSTATEMENT WORKS ADJACENT TO NEW CONSTRUCTION SHALL BE CARRIED OUT AS SOON AS POSSIBLE AFTER COMPLETION OF CONSTRUCTION WORKS.
- ALL DISTURBED VERGES AND FILL BATTERS TO BE STABILISED BY REVEGETATING WITH APPROPRIATE SPECIES (E.G. ANNUAL GRASS SEED SUCH AS ANNUAL RYEGRASSS OR JAPANESE MILLET, OR TURF) AS SOON AS PRACTICAL AFTER REINSTATEMENT.
- ENSURE THE SUCCESS OF THE LATER REVEGETATION PROGRAM BY UTILISING A GOOD TOPSOIL MANAGEMENT PROGRAM
- CONTROL DUST THROUGH PROGRESSIVE REVEGETATION TECHNIQUES, WATER TANKERS ETC.

INSPECT AND MAINTAIN CONTROL MEASURES
- ENSURE THE PROGRESSIVE AND CONTINUAL IMPLEMENTATION AND MAINTENANCE OF TEMPORARY EROSION AND SEDIMENT CONTROLS (E.G. SEDIMENT FENCES, DIVERSION BANKS, DIVERSION DRAINS, SEDIMENT TRAPS).
- INITIATE A PROGRAM TO ENSURE REGULAR MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES. SEDIMENT CLEANED FROM STRUCTURES (E.G. SCRAPE AWAY ACCUMULATED SEDIMENT UPSTREAM OF CHECK DAMS AND REPLACE/REPAIR AS NECESSARY) TO MAINTAIN FUNCTIONALITY.
- ARRANGE REGULAR INSPECTIONS BY AN ENVIRONMENTAL SCIENTIST TO REVIEW AND UPDATE CONTROL MEASURES. ADDITIONAL INSPECTIONS WILL BE CONDUCTED DURING AND/OR IMMEDIATELY FOLLOWING SIGNIFICANT RAINFALL EVENTS TO MONITOR THE FUNCTIONING OF CONTROLS.
- ALL EROSION AND SEDIMENT CONTROLS TO BE MAINTAINED IN PLACE UNTIL ALL WORKS ARE COMPLETED AND DISTURBED AREAS HAVE STABILISED.





EROSION & SEDIMENT CONTROL PLAN

SCALE 1:1000 (A3)

THIS SEDIMENT AND EROSION CONTROL PLAN CONTAINS COUNCIL'S MINIMUM REQUIREMENTS FOR ENVIRONMENTAL PROTECTION; HOWEVER, IT IS STILL THE SITE SUPERVISORS RESPONSIBILITY TO ENSURE THAT THE WORKS AND MITIGATION STRATEGIES ARE PERFORMED IN A MANNER THAT COMPLIES WITH ALL RELEVANT ENVIRONMENTAL LEGISLATION, INCLUDING ANY DEVELOPMENT APPROVAL REQUIREMENTS.

LEGEND - PROPOSED

- PROPOSED PAVEMENT RECONSTRUCTION
- SF — PROPOSED SEDIMENT FENCE
- PROPOSED TABLE DRAIN
- PROPOSED EXTENT OF CUT/FILL BATTER
- 38 — DESIGN MAJOR CONTOUR
- DESIGN MINOR CONTOUR
- PROPOSED DRAINAGE PIPE, HEADWALL & SCOUR PROTECTION

LEGEND - EXISTING

- PROPERTY BOUNDARY
- EXISTING EDGE OF BITUMEN
- EXISTING ROAD SHOULDER
- E/O — EXISTING OVERHEAD POWER
- T — EXISTING UNDERGROUND COMMS
- Y — EXISTING BANK BOTTOM
- Y — EXISTING BANK TOP
- / — EXISTING FENCE
- 62 — PROPERTY STREET NUMBER
- 11/1200712 — PROPERTY LOT AND DP
- EXISTING TREE TO REMAIN
- EXISTING TELECOMMUNICATIONS PIT
- EXISTING TELECOMMUNICATIONS MARKER POST
- EXISTING POWER / TELECOMMUNICATIONS POLE
- EXISTING STAY WIRE
- EXISTING SIGNAGE

CONSTRUCTION

FOR CONSTRUCTION

ISSUE	AMENDMENT DETAILS	DRAWN	CHECK	DATE
1	CONSTRUCTION ISSUE	A.D.	K.W.	03.02.22

SCALE: A1 SHEET 1:500, A3 SHEET 1:1000

0 5 10 20 30 40 50 m

USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.

INFRASTRUCTURE SERVICES
COUNCIL OFFICES
70-90 STATION STREET,
MULLUMBIMBY NSW 2482.
PHONE 02 66267000
FAX 02 66843018
WEBSITE www.byron.nsw.gov.au

Byron Shire Council

APPROVED ON BEHALF OF THE GENERAL MANAGER

DATE 31.01.22

DESIGNED	A.D.	29.10.19
DRAWN	A.D.	29.10.19
CHECKED	K.W.	27.11.20
HORIZONTAL DATUM		ARBITRARY
VERTICAL DATUM		ARBITRARY

PROJECT: THE POCKET ROAD STAGE 2 (CH.2,810 - 3,690)

PLAN TITLE: EROSION & SEDIMENT CONTROL PLAN & NOTES SHEET 1 OF 3

PROJECT NUMBER: 2745

DRAWING NUMBER: 2745-23

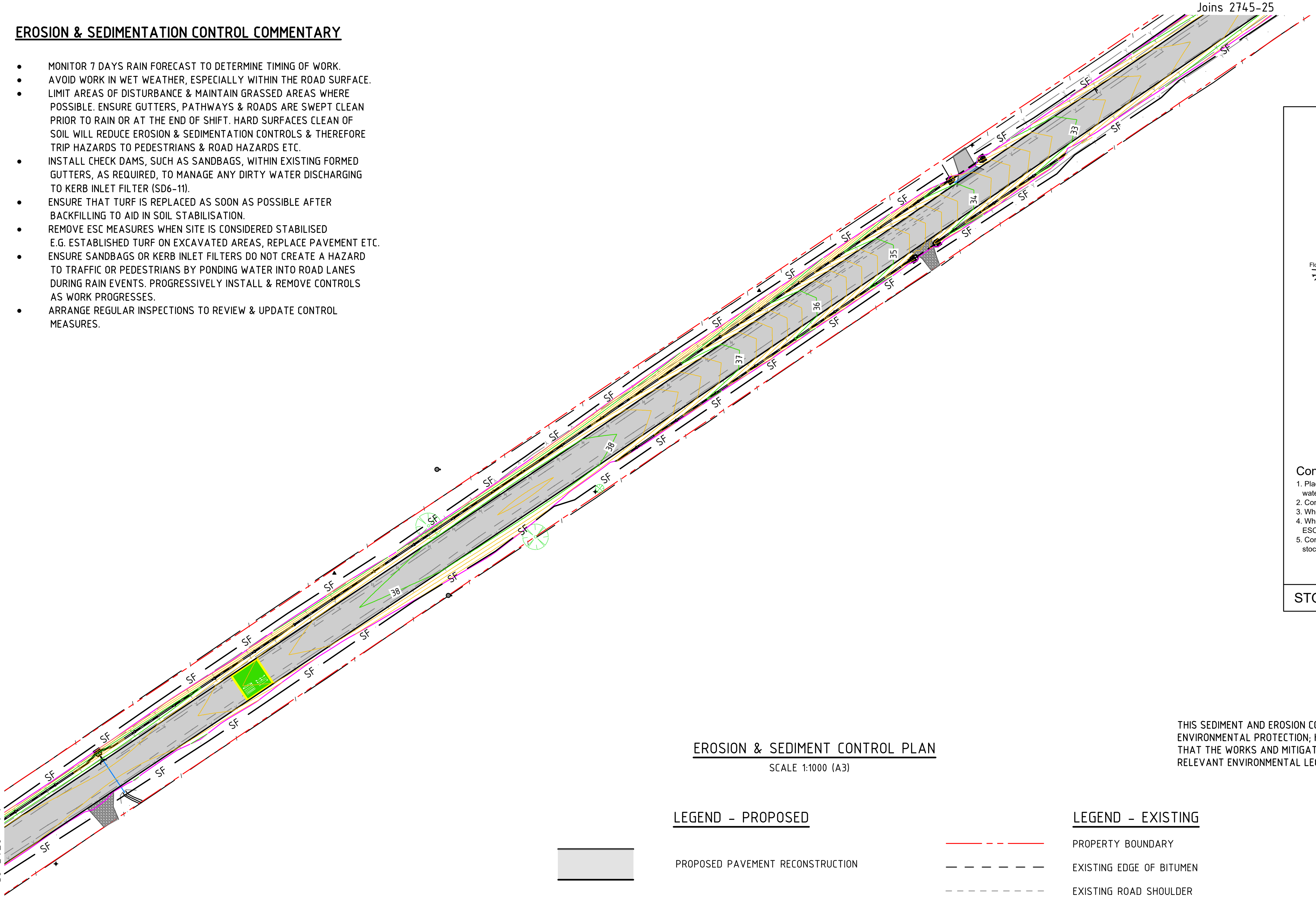
ISSUE: 1

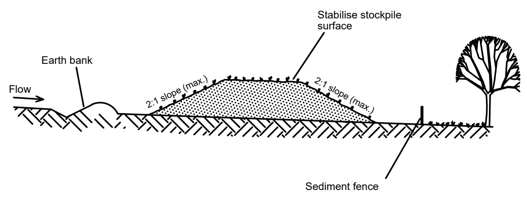
ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg

Joins 2745-25

EROSION & SEDIMENTATION CONTROL COMMENTARY

- MONITOR 7 DAYS RAIN FORECAST TO DETERMINE TIMING OF WORK.
- AVOID WORK IN WET WEATHER, ESPECIALLY WITHIN THE ROAD SURFACE.
- LIMIT AREAS OF DISTURBANCE & MAINTAIN GRASSED AREAS WHERE POSSIBLE. ENSURE GUTTERS, PATHWAYS & ROADS ARE SWEPT CLEAN PRIOR TO RAIN OR AT THE END OF SHIFT. HARD SURFACES CLEAN OF SOIL WILL REDUCE EROSION & SEDIMENTATION CONTROLS & THEREFORE TRIP HAZARDS TO PEDESTRIANS & ROAD HAZARDS ETC.
- INSTALL CHECK DAMS, SUCH AS SANDBAGS, WITHIN EXISTING FORMED GUTTERS, AS REQUIRED, TO MANAGE ANY DIRTY WATER DISCHARGING TO KERB INLET FILTER (SD6-11).
- ENSURE THAT TURF IS REPLACED AS SOON AS POSSIBLE AFTER BACKFILLING TO AID IN SOIL STABILISATION.
- REMOVE ESC MEASURES WHEN SITE IS CONSIDERED STABILISED E.G. ESTABLISHED TURF ON EXCAVATED AREAS, REPLACE PAVEMENT ETC.
- ENSURE SANDBAGS OR KERB INLET FILTERS DO NOT CREATE A HAZARD TO TRAFFIC OR PEDESTRIANS BY PONDING WATER INTO ROAD LANES DURING RAIN EVENTS. PROGRESSIVELY INSTALL & REMOVE CONTROLS AS WORK PROGRESSES.
- ARRANGE REGULAR INSPECTIONS TO REVIEW & UPDATE CONTROL MEASURES.





Construction Notes

1. Place stockpiles more than 2 (preferably 5) metres from existing vegetation, concentrated water flow, roads and hazard areas.
2. Construct on the contour as low, flat, elongated mounds.
3. Where there is sufficient area, topsoil stockpiles shall be less than 2 metres in height.
4. Where they are to be in place for more than 10 days, stabilise following the approved ESCP or SWMP to reduce the C-factor to less than 0.10.
5. Construct earth banks (Standard Drawing 5-5) on the upslope side to divert water around stockpiles and sediment fences (Standard Drawing 6-8) 1 to 2 metres downslope.

STOCKPILES SD 4-1

THIS SEDIMENT AND EROSION CONTROL PLAN CONTAINS COUNCIL'S MINIMUM REQUIREMENTS FOR ENVIRONMENTAL PROTECTION; HOWEVER, IT IS STILL THE SITE SUPERVISORS RESPONSIBILITY TO ENSURE THAT THE WORKS AND MITIGATION STRATEGIES ARE PERFORMED IN A MANNER THAT COMPLIES WITH ALL RELEVANT ENVIRONMENTAL LEGISLATION, INCLUDING ANY DEVELOPMENT APPROVAL REQUIREMENTS.

EROSION & SEDIMENT CONTROL PLAN

SCALE 1:1000 (A3)

LEGEND - PROPOSED

- PROPOSED PAVEMENT RECONSTRUCTION
- SF — PROPOSED SEDIMENT FENCE
- PROPOSED TABLE DRAIN
- PROPOSED EXTENT OF CUT/FILL BATTER
- 38 — DESIGN MAJOR CONTOUR
- DESIGN MINOR CONTOUR
- PROPOSED DRAINAGE PIPE, HEADWALL & SCOUR PROTECTION

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CONSTRUCTION
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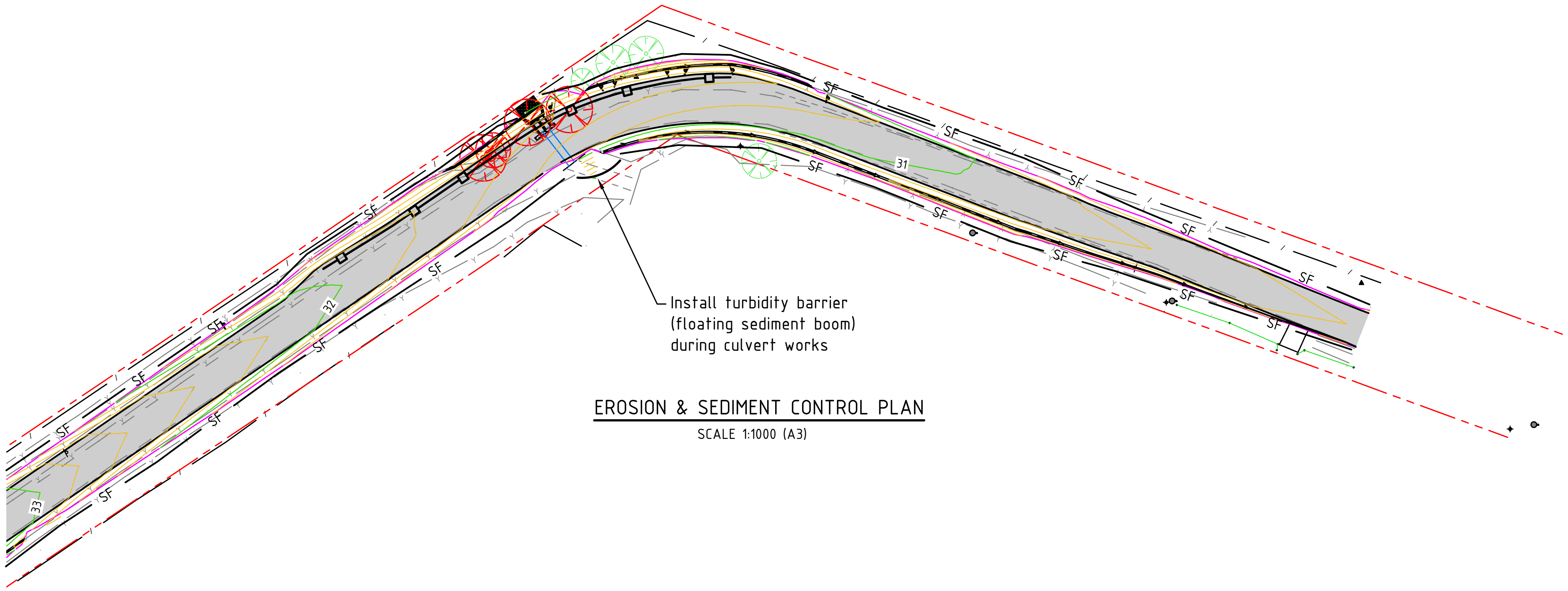
PROJECT: THE POCKET ROAD STAGE 2 (CH.2,810 - 3,690)

PROJECT NUMBER: 2745

PLAN TITLE: EROSION & SEDIMENT CONTROL PLAN & NOTES SHEET 2 OF 3

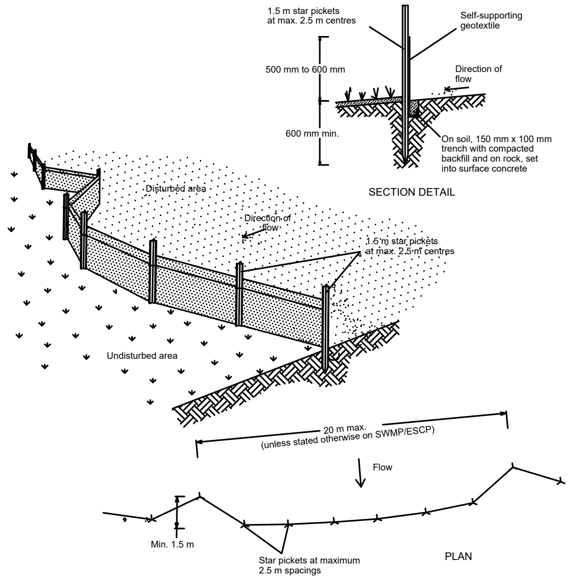
DRAWING NUMBER: 2745-24 ISSUE: 1

ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg



EROSION & SEDIMENT CONTROL PLAN

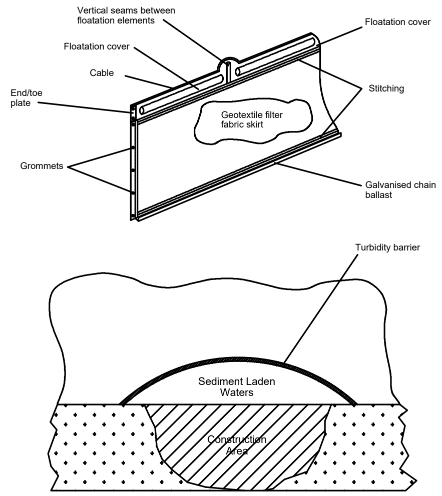
SCALE 1:1000 (A3)



Construction Notes

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

SEDIMENT FENCE SD 6-8



Construction Notes

1. Use turbidity barriers only where high flows are unlikely to remove accumulated sediment and/or move the curtain significantly.
2. Where the barrier is to remain in place for more than one month, ensure the floatation cover is a UV-resistant, durable material.
3. Use only closed cell foam or foam-filled PVC piping as floatation elements. Do not use unfilled pipes.
4. Use only woven or heat-set non woven geotextiles. Needle-punched, non woven geotextiles can become fouled with debris that fray and delaminate them as they move with the waves or currents.
5. Remove captured sediment before the barrier is decommissioned.
6. In tidal areas, ensure the barrier can rise and fall without being moved from its position.

TURBIDITY BARRIER SD 6-10

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PROJECT: THE POCKET ROAD STAGE 2 (CH.2,810 - 3,690)

PLAN TITLE: EROSION & SEDIMENT CONTROL PLAN & NOTES SHEET 3 OF 3

PROJECT NUMBER: 2745

DRAWING NUMBER: 2745-25

ISSUE: 1

ACAD FILE No: C:\Users\adoyle_WFH-Jan 2022\2745-Pocket\DWG\PRELIMINARY\2745_POCKET ROAD STAGE 2_BASE.dwg

General Notes

1. All setout shall be by suitably experienced personnel. All works-as-executed plans shall be certified by a Registered Surveyor or Engineer.
2. Dimensions are generally in metres unless noted otherwise.
3. All levels are in metres unless noted otherwise.
4. All levels shown are finished surface unless noted otherwise.
5. Council inspection hold points of civil works are required at the following construction stages:
   a. Prior to backfilling of stormwater, sewer and water services (pipe to be trenched, bedded and laid).
   b. Box inspection of subgrade and proof roll.
   c. Inspection of base gravels and proof roll prior to sealing.
   d. Any service crossings of road pavement.
6. Inspections are organised by contacting Council's Development Engineer. Please note 24hours notice of inspection is required.
7. Density testing is to be carried out at max.100m spacing or in accordance with Table 8.1 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Development, whichever gives the greater frequency of testing.
   Compaction is to be to the following:
   - general filling to 95% standard compaction;
   - subgrade to 95% standard compaction;
   - sub-base gravels to 100% standard compaction;
   - base course gravels to 100% standard compaction;
8. RC pipes of 900 dia or less shall be minimum class '2', rubber ring jointed, unless noted otherwise. FRC pipes are not permitted for trunk drainage lines. IAD pipes may be PVC, FRC or RC (rubber ring jointed).
9. Minimum cover to stormwater pipes shall be 450mm in landscape areas, and 600mm under road pavements, unless noted otherwise.
10. Stormwater pits and drainage structures shall be to the local authority standards and conform to AS 3500
11. The Contractor is responsible for maintaining sufficient cover over stormwater and sewer mains during construction, and ensuring that trenches are correctly backfilled and compacted to eliminate damage caused by construction traffic.
12. Drainage easements, where not shown, shall be confirmed by survey after construction.
13. General concrete works shall have the following properties:
   a. Class of concrete shall be normal.
   b. Maximum slump shall be 80mm.
   c. Maximum aggregate size shall be 20mm.
   d. Min 28 days concrete compressive strength shall be 32 Mpa
   e. Concrete works shall conform to AS 3600.
15. It is the responsibility of the Contractor to ensure that adequate erosion and sedimentation control devices are erected and maintained at all times during construction, and to the satisfaction of the Local Authority.
16. All traffic control during construction shall be in accordance with the RMS's Guidelines - Traffic Control at Work Sites and AS 1742.3 - 2009 Manual of Uniform Traffic Control Devices: Traffic Control Devices for Works on Roads.
17. All works shall be carried out in accordance with the Local Authorities Subdivision Code and associated standard drawings (NRLG).
18. It is the Contractor's responsibility to provide to the Surveyor any information necessary to prepare works-as-executed drawings for submission to the Local Authority. It will be necessary to liaise with the Surveyor to coordinate the location of some items prior to backfilling.

Concrete

1. All workmanship and materials shall be in accordance with A.S. 3600.
2. The exposure classification in accordance with A.S. 3600 is as follows:
   Ground floor slab:
   Contact with the ground____________A....
   Interior______________________________A....
   Exterior______________________________B....
3. Concrete quality:
   Place concrete of the characteristic compressive strength N32, f'c as defined in AS. 1379. Concrete to have a specified slump of 80mm and a nominal aggregate size of 20mm.
4. Provide bar supports or spacers to give the following concrete cover to all reinforcement unless noted otherwise on drawings.
   Footings:
   Generally______50mm Top & btm. & sides
   Cover to reinforcement ends to be 45mm UNO.
5. All concrete is to be vibrated.
6. Bar Chairs: Plastic chairs only shall be used (except for slabs on ground and footings).
7. All chairs shall be located at 800 Max. ctrs. (Both to support reinforcement and give the correct concrete cover). Conduits, pipes, etc. are not to be placed in concrete cover.
8. Construction joints where not shown shall be located to the approval of the engineer.
9. Sizes of concrete elements do not include thickness of applied finishes.
10. Reinforcement Symbols:
    N - Denotes grade 500 normal ductility deformed bar.
    R - Denotes grade 250 r hot rolled plain bar.
    W - Denotes hard-drawn plain wire.
    RF -Denotes grade 500 ribbed wire reinforcing fabric.
    SL/RL - Denotes grade 500 low ductility ribbed fabric.
    The number immediately following these symbols is the number of millimetres in bar diameter.
    Reinforcement shall comply with AS. 4671.
11. All concrete surfaces are to be cured by an approved method for seven days immediately after concrete is hard.
12. Laps and splices to reinforcement shall be made only in the positions and to the dimensions shown. Typical fabric lap, unless noted otherwise:

Reinforcement Splice Lengths

Bar	Length	Bar	Length
N12	500	N28	1700
N16	700	N32	2100
N20	1100	N36	2400
N24	1400		

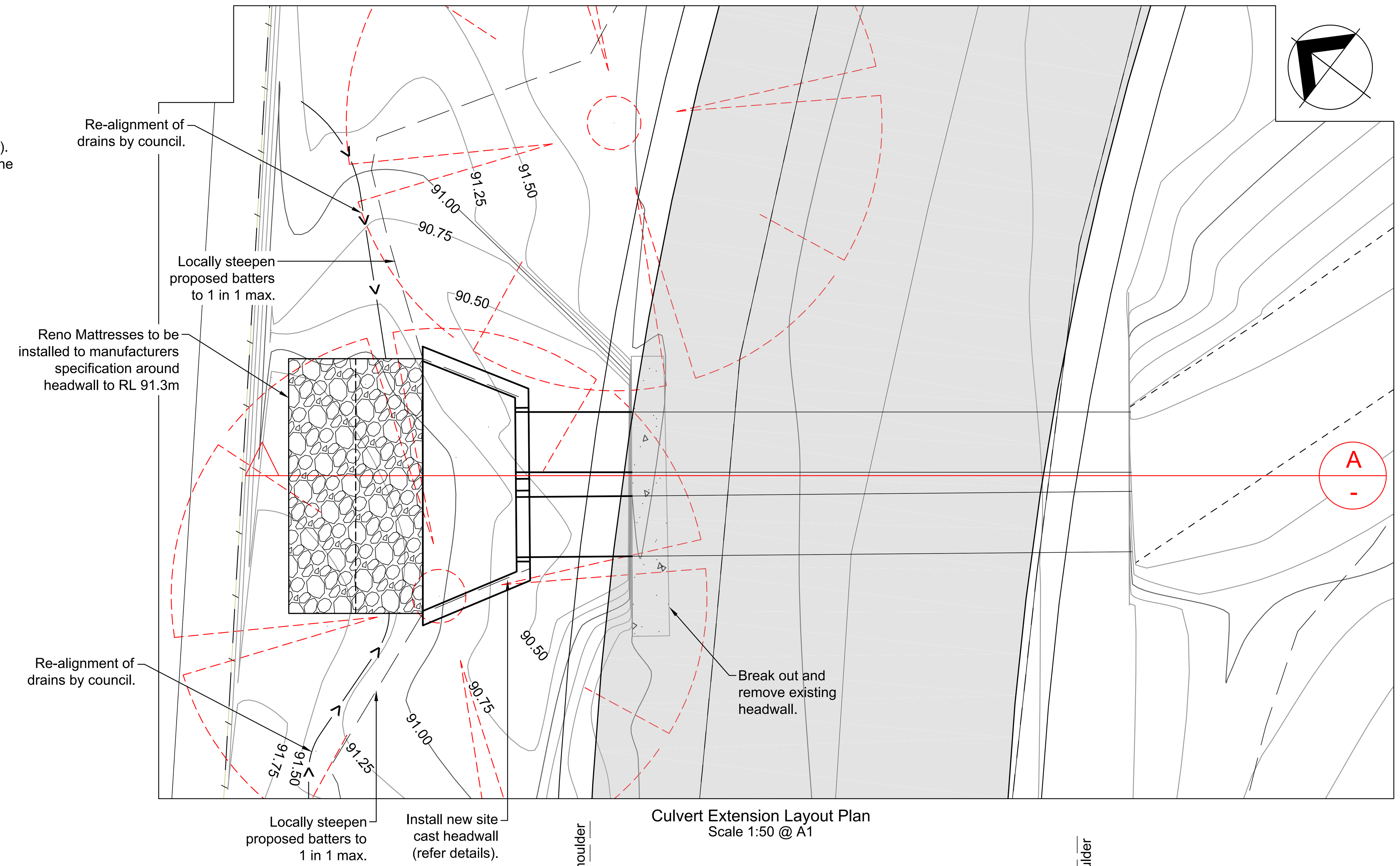
25
225 Min. lap with cross wires

Reinforcement Layers

- Marked "A" - Lay first
- Marked "B" - Lay second
- Marked "C" - Lay third
- Marked "D" - Lay last

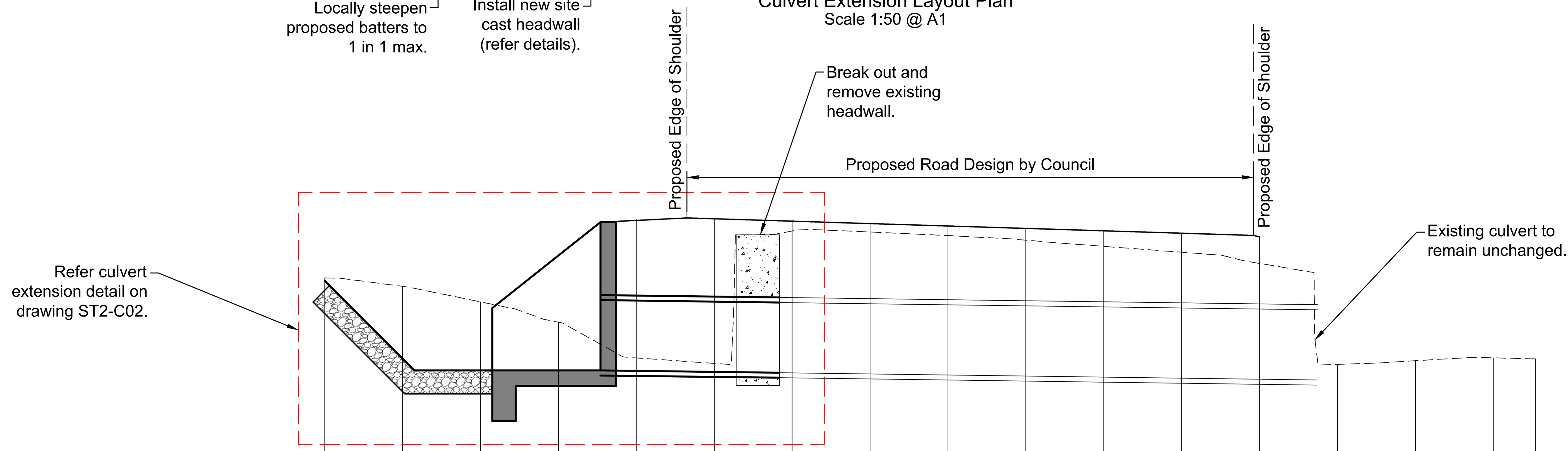
Legend

Drainage Invert
Road Batter
Existing Fence
Contours shown are existing.



Culvert Extension Layout Plan
Scale 1:50 @ A1

Culvert Location Plan
Scale 1:200 @ A1



DESIGN SURFACE	91.29	90.41	90.26	90.26	92.19	92.20	92.17	92.14	92.11	92.08	92.05	92.02	91.97					
EXISTING SURFACE	91.45	91.34	91.14	90.88	90.42	90.35	92.05	92.04	91.99	91.93	91.85	91.78	91.63	90.34	90.38	90.42	90.41	
CHAINAGE	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	15.54	

Culvert Extension Section A
Scale 1:50 @ A1

This plan is NOT to be used for construction purposes unless it carries the approval stamp of the local authority.

Issue	Date	Description	App'd
C	10/07/2020	Pipe ID clarified	AH
B	09/06/2020	Pipe Bandage Detail Added	AH
A	15/05/2020	Original Issue	AH

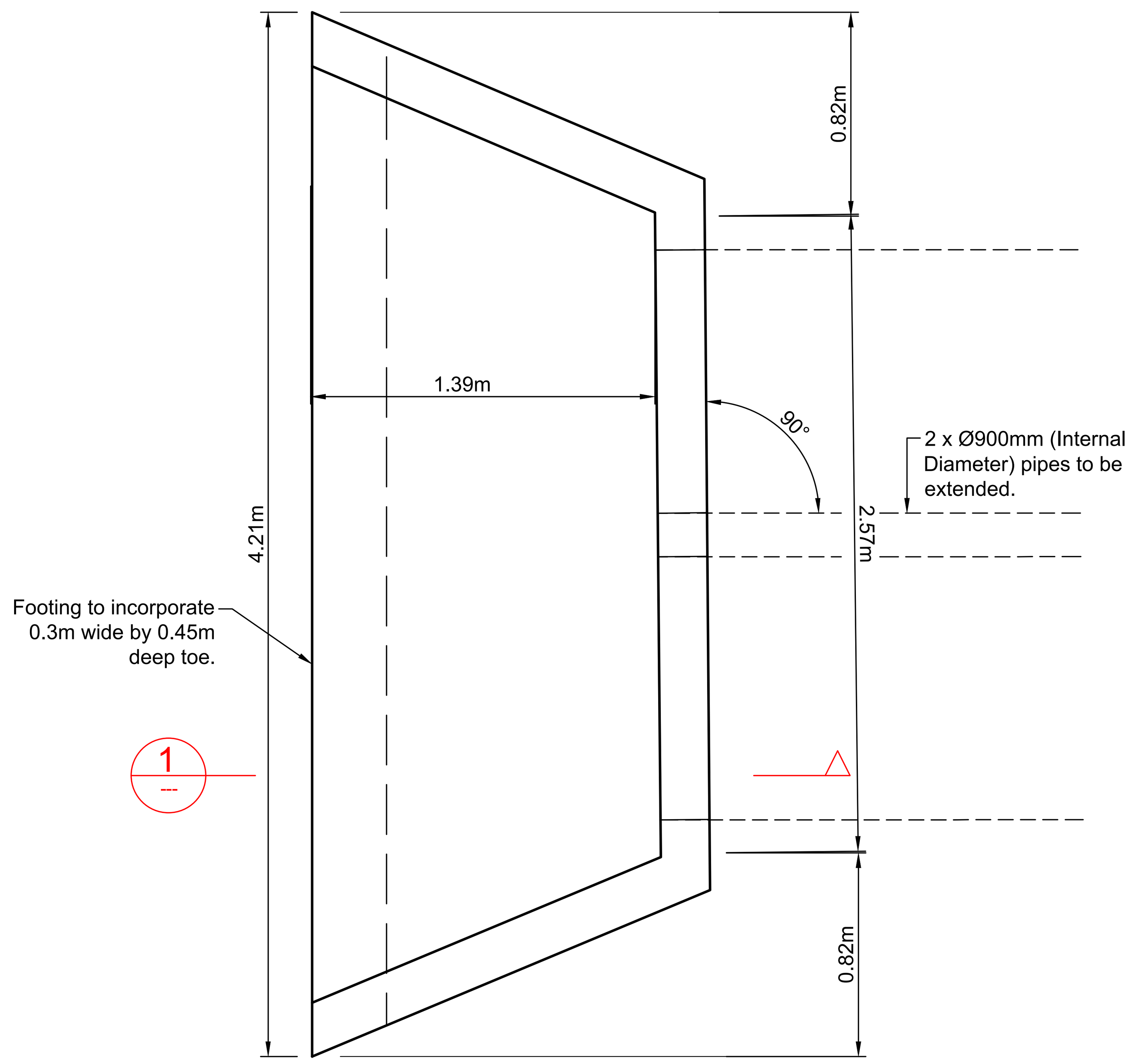
Client: Byron Shire Council

Project: Road Upgrade
The Pocket Road Stage 2
Main Arm - The Pocket

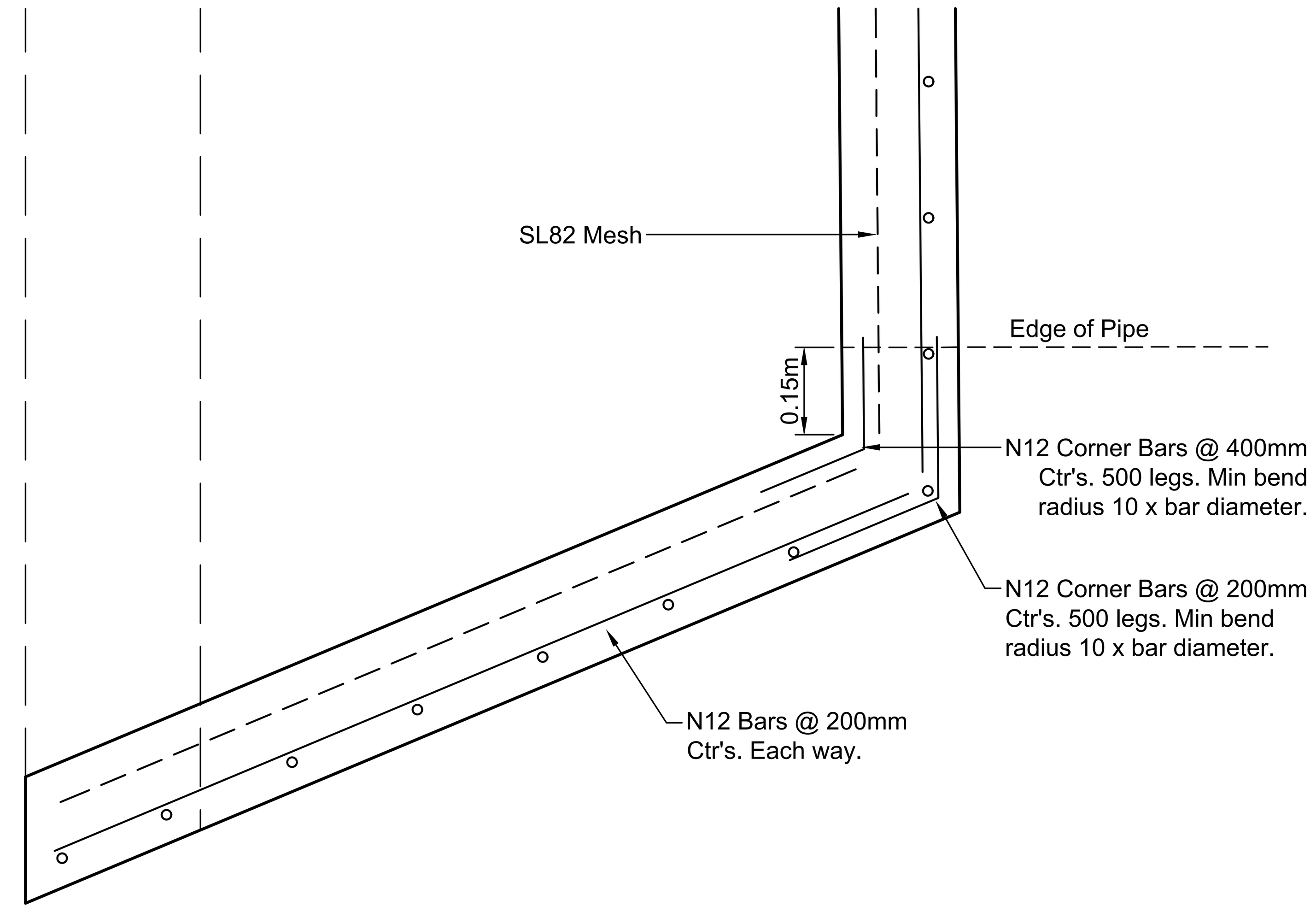
Title: Culvert Widening Layout Plan & Section

ARDILL PAYNE & Partners
ENGINEERS PLANNERS SURVEYORS
ENVIRONMENTAL PROJECT MANAGEMENT
BALLINA 45 River Street Ph. 02 6686 3280
GUNNEDAH 285 Conadilly Street Ph. 02 6742 9955
A.B.N. 51 808 558 977 e-mail: info@ardillpayne.com.au

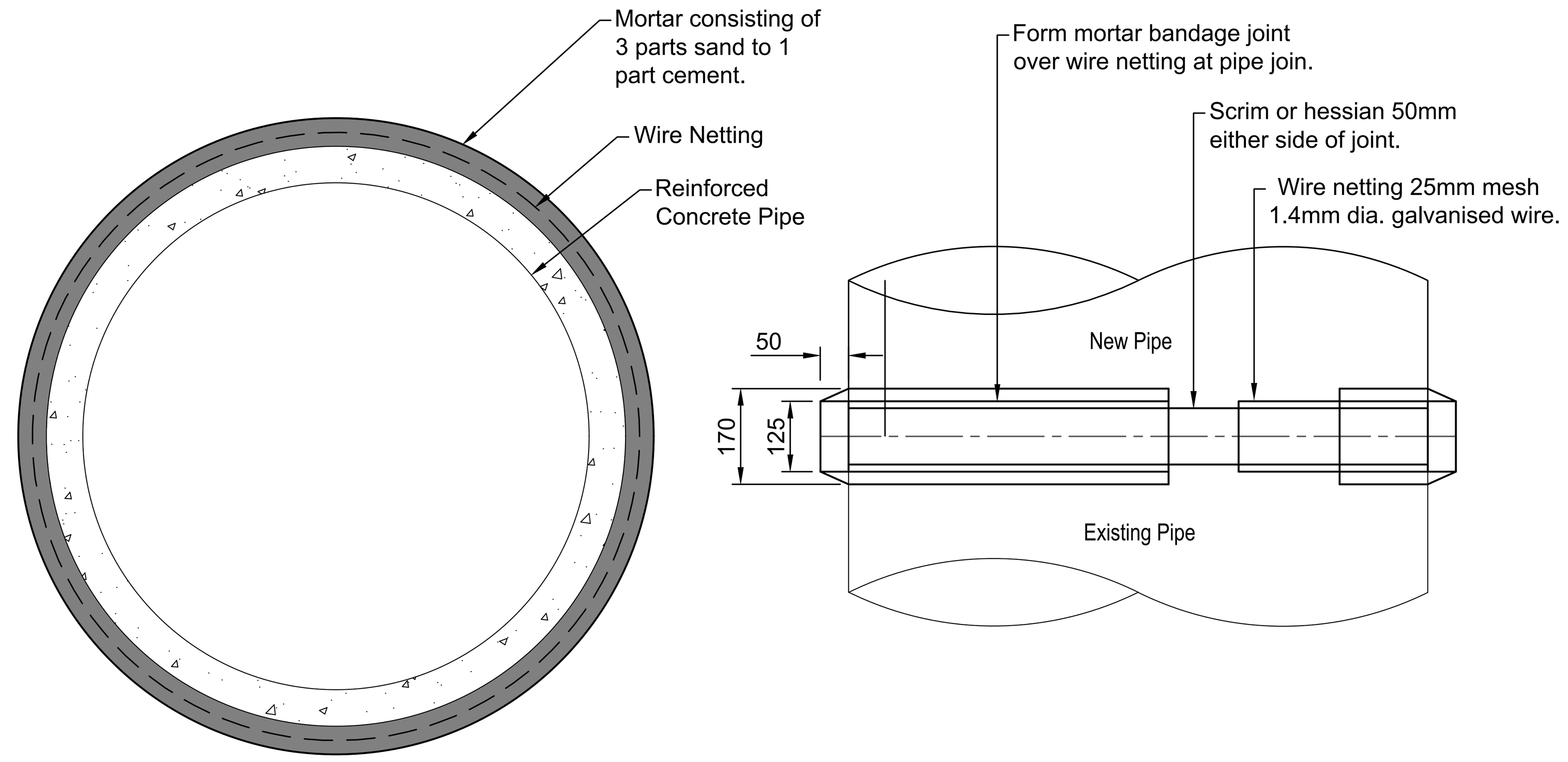
Design	AH	Scale	Various - refer plan
Drawn	AH		
Checked	RB	Datum	AHD
Approved	AH	Drafting File	8588_Stage2-Detailed Design_3.dwg
Date	15/05/2020	Design File	8588_Stage2-Culvert-Concept
Job No.	8588	Dwg No.	ST2-C01
Issue	C		



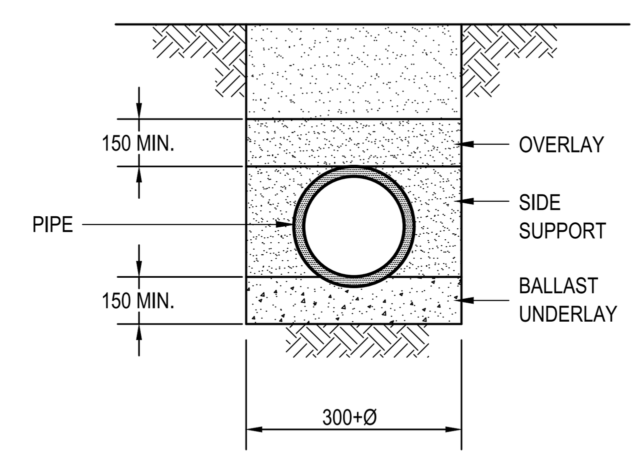
Site Cast headwall Layout
Scale 1 in 20 @ A1



Headwall Connection Detail - Wingwall
Scale 1 in 10 @ A1



Pipe Bandage Detail
N.T.S.



Pipe Laying Details
N.T.S.

Ballast Underlay:
Wet areas - 12mm-25mm crushed aggregate dryareas - as for side support & overlay

Side Support & Overlay:
Approved sand or metal dust free from rocks to form stable bed.

Backfill:
Under roads shall be metal dust to underside of pavement. In other areas shall be the material from the trench excavation free from rocks.

Note:
All materials to be placed in layers not exceeding 150mm compacted thickness & compacted to 95% standard dry density (A.S.1289)

Minimum Cover Requirements

Areas not subject to vehicular loading: -450mm

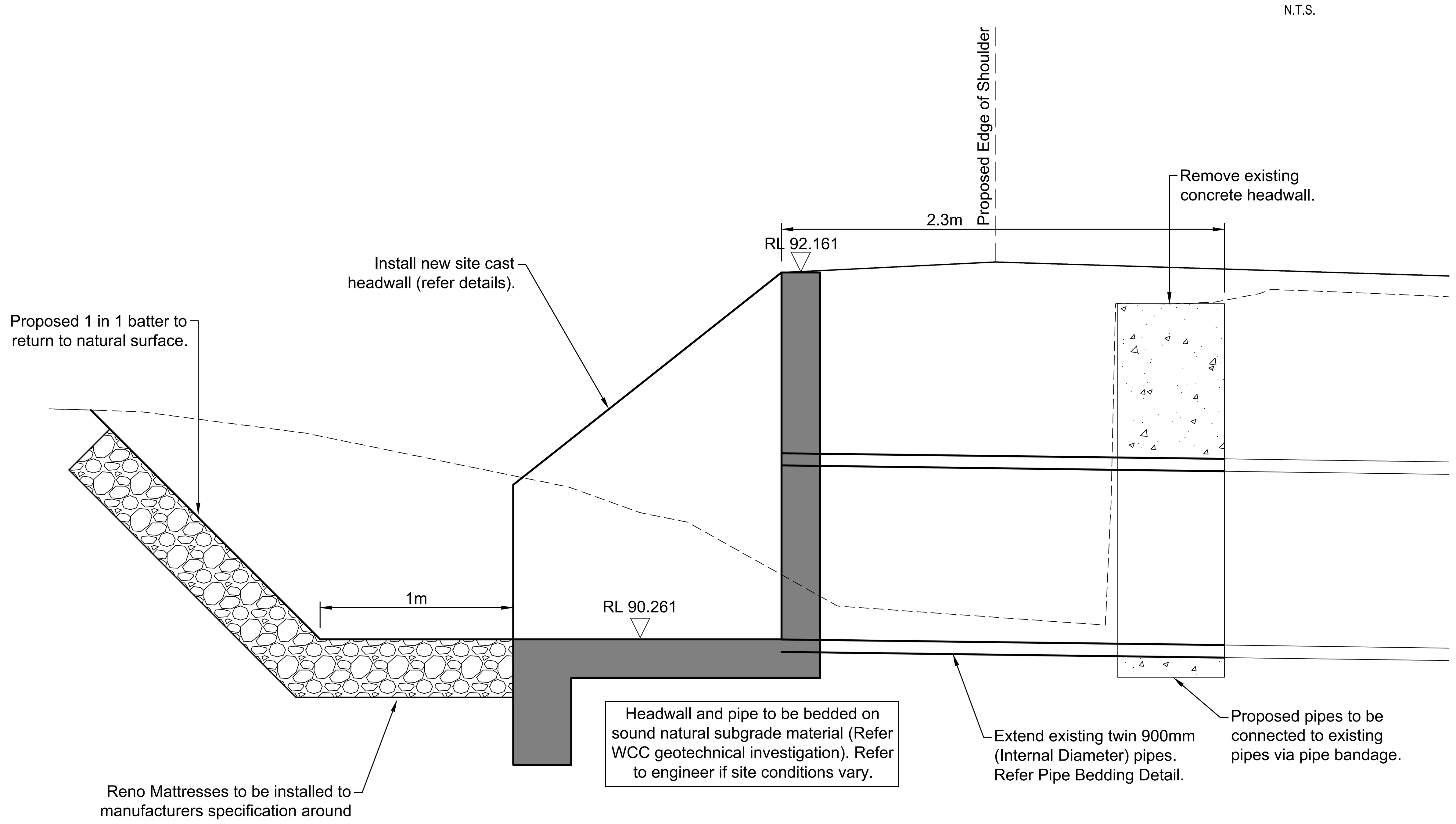
Areas subject to vehicular loading:

(a) Not in roadway: 600mm

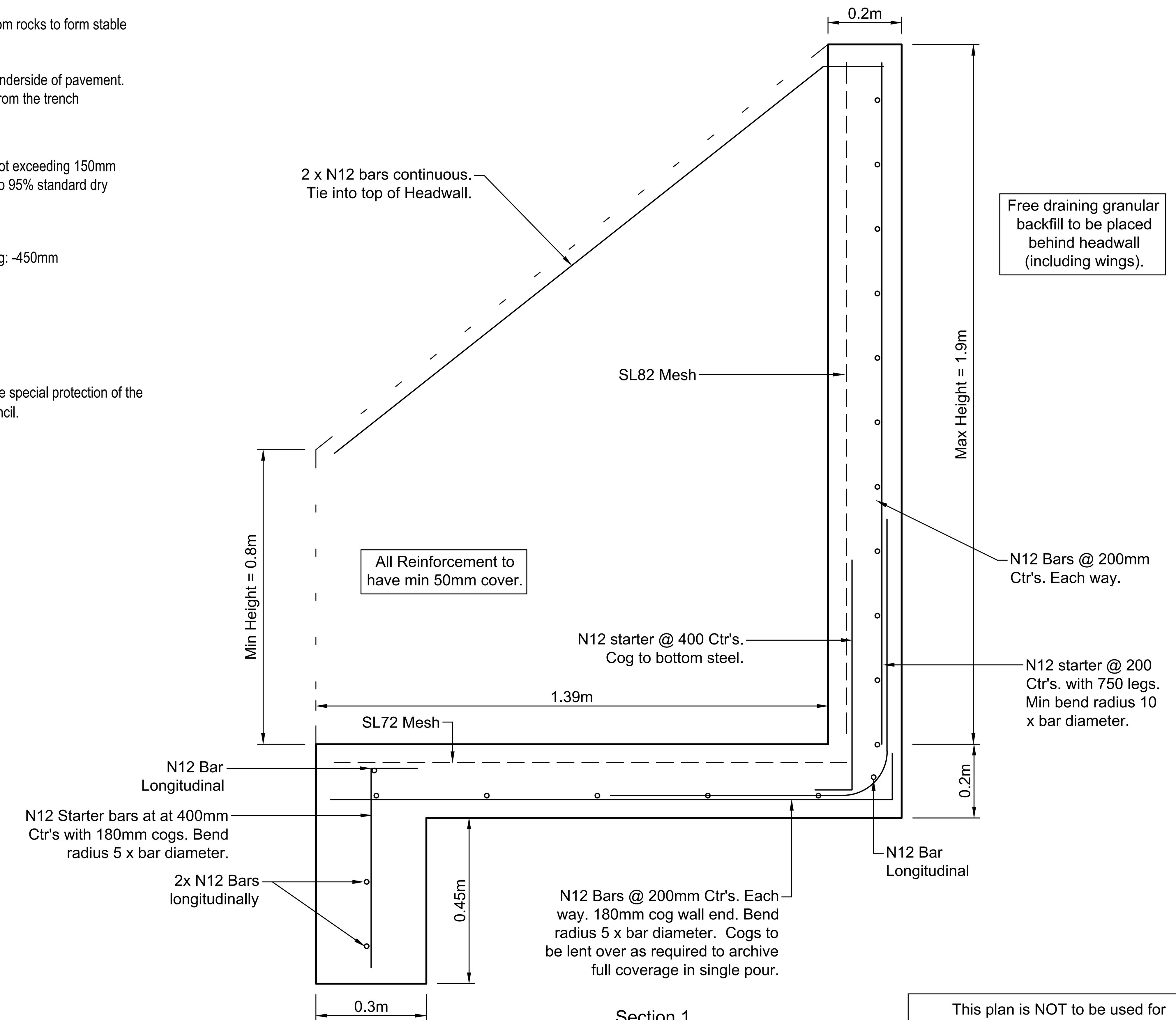
(b) In sealed roadway: 600mm

(c) In unsealed roadway: 750mm

Lesser cover may be permitted where special protection of the pipelines has been approved by council.



Culvert Extension Detail
Scale 1 in 20 @ A1



Section 1
Scale 1 in 10 @ A1

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Project: Road Upgrade
The Pocket Road Stage 2
Main Arm - The Pocket

Title: Culvert Widening Details

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Job No.	8588	Dwg No.	ST2-C02
Issue	C		

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