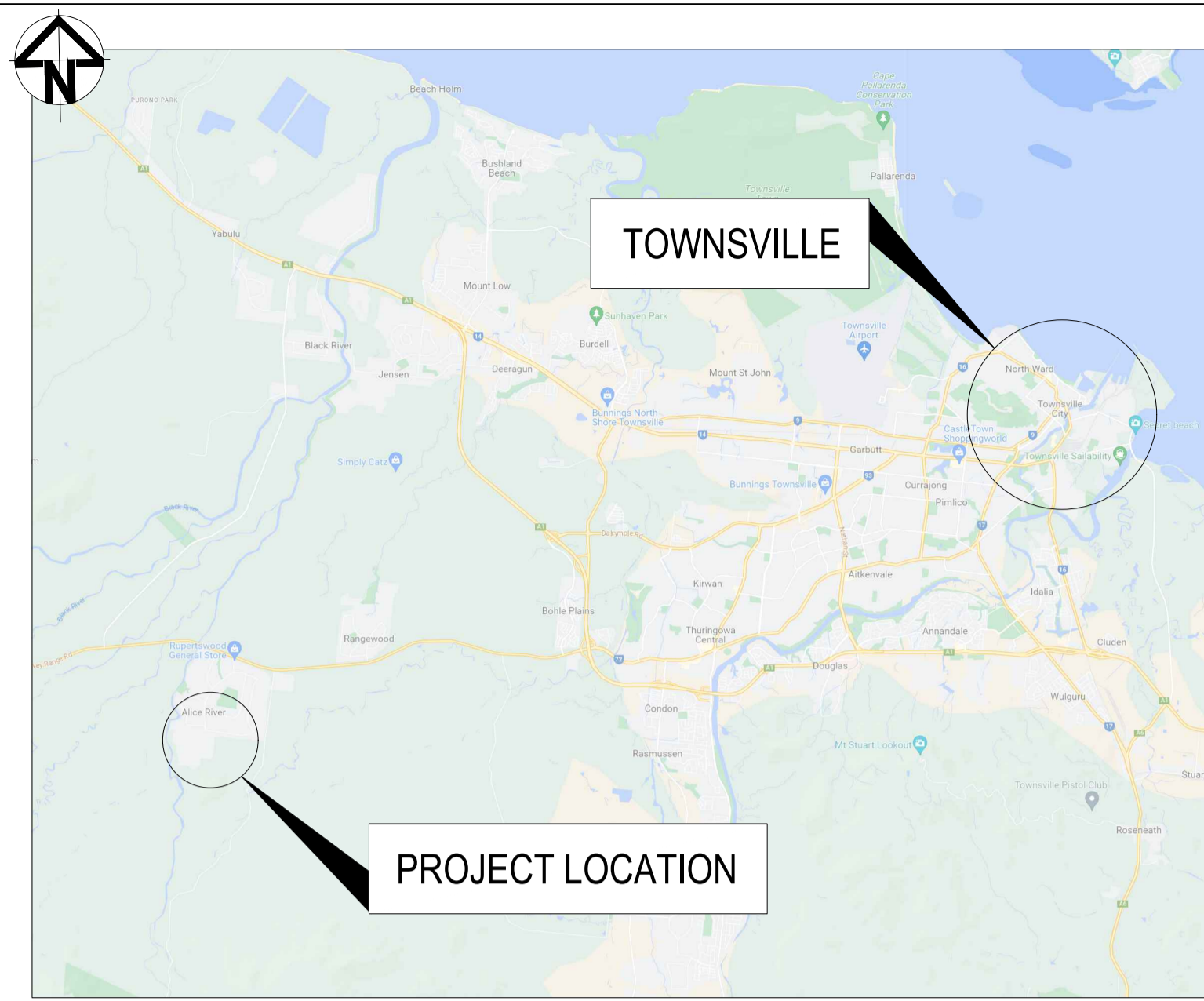
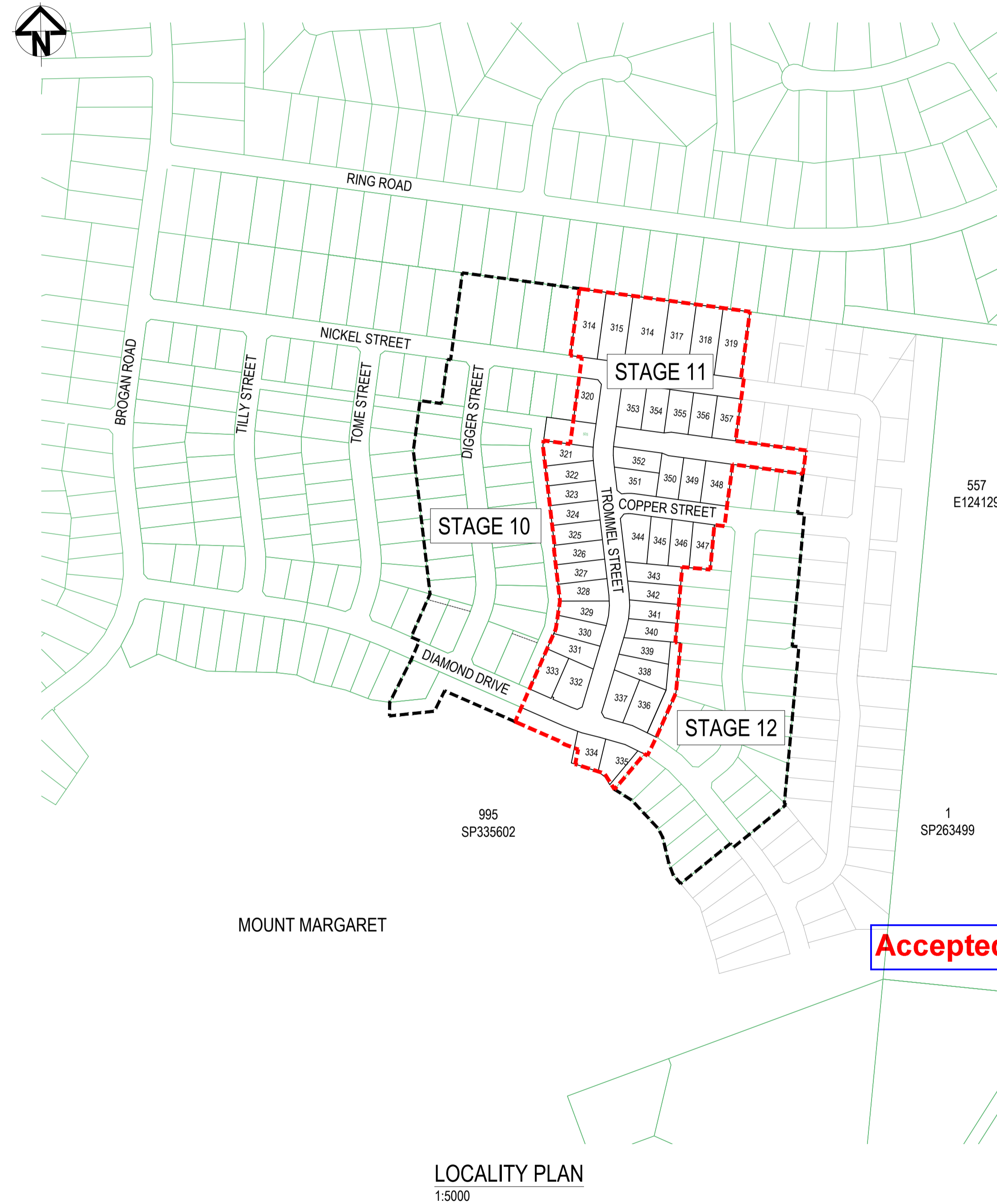


MT MARGARET ESTATE STAGE 11 OPERATIONAL WORKS ALICE RIVER, QLD 4817



LOCALITY PLAN KEY
NTS



DRAWING INDEX

DRAWING NUMBER	DRAWING NAME	REVISION
0944-AC-C001	LOCALITY PLAN AND DRAWING INDEX	0
0944-AC-C051	EARTHWORKS, ROADWORKS AND DRAINAGE SHEET 1	01
0944-AC-C052	EARTHWORKS, ROADWORKS AND DRAINAGE SHEET 2	01
0944-AC-C053	EARTHWORKS, ROADWORKS AND DRAINAGE SHEET 3	01
0944-AC-C054	EARTHWORKS, ROADWORKS AND DRAINAGE SHEET 4	01
0944-AC-C061	ROADS LONGITUDINAL SECTIONS	0
0944-AC-C062	ROADS LONGITUDINAL SECTIONS AND TYPICAL CROSS SECTION	0
0944-AC-C063	OPEN CHANNEL LONGITUDINAL SECTIONS & TYPICAL SECTIONS	0
0944-AC-C064	OPEN CHANNEL LONGITUDINAL SECTIONS SHEET 2	0
0944-AC-C071	INTERSECTION SETOUT DETAILS SHEET 1	01
0944-AC-C072	INTERSECTION SETOUT DETAILS SHEET 2	01
0944-AC-C073	INTERSECTION SETOUT DETAILS SHEET 3	01
0944-AC-C401	CULVERT LAYOUT AND LONGITUDINAL SECTIONS	01
0944-AC-C402	DRAINAGE DETAILS	01
0944-AC-C601	WATER LAYOUT PLAN SHEET 1	01
0944-AC-C602	WATER LAYOUT PLAN SHEET 2	01
0944-AC-C603	WATER LAYOUT PLAN SHEET 3	01
0944-AC-C604	WATER CROSSING DETAILS	01

ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

..... 14.03.2025
BENJAMIN COOK (No. 4535) DATE

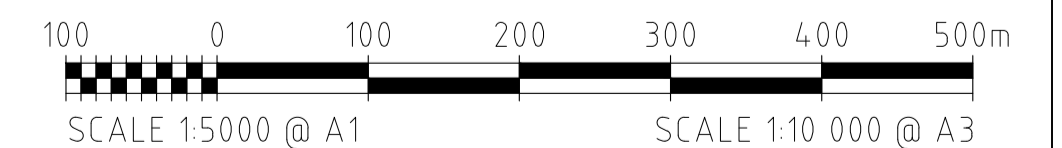
I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

B. Langtree
..... 14.03.2025
BRETT LANGTREE (RPEQ No. 11932) DATE

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AS CONSTRUCTED

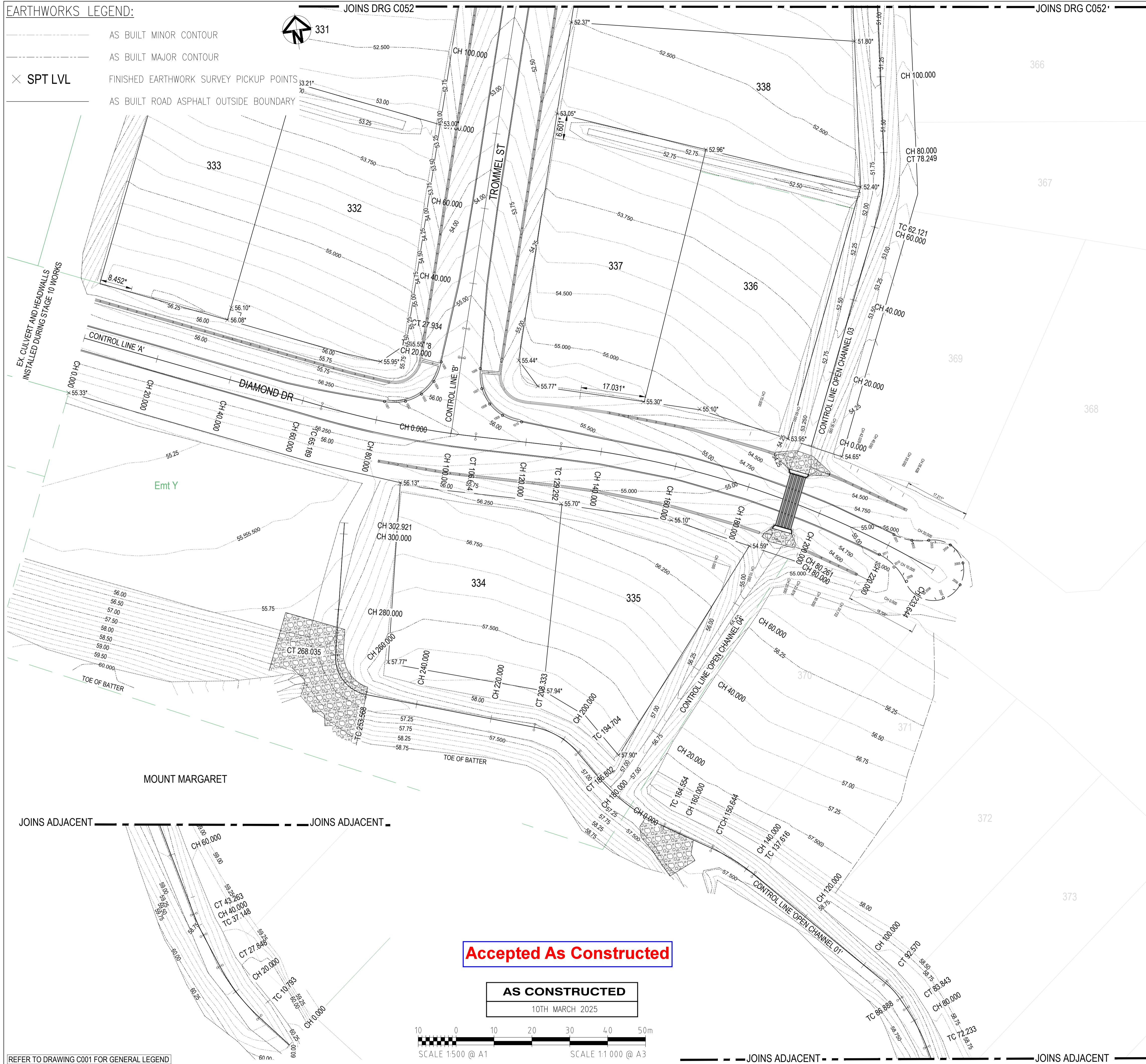
10TH MARCH 2025



REVISIONS	No.	BY	DATE	DESCRIPTION	HORIZ. DATUM	MT MARGARET GRID	CERTIFICATION	MT MARGARET ESTATE STAGE 11 - OPERATIONAL WORKS							
								SCALE	AS SHOWN						
0	MV	10.03.25	AS CONTRACTED												
K	BL	30.11.24	FOR APPROVAL - REVISIONS UPDATED												
J	BL	05.07.24	FOR APPROVAL - REVISIONS UPDATED												
H	BL	19.06.24	FOR APPROVAL - REVISIONS UPDATED												
G	BL	10.06.24	FOR APPROVAL - REVISIONS UPDATED												
					DRG. FILE	0944	DATE								
					DESIGN	BL	NOV '23								
					DRAWN	CBP	NOV '23								
					COPYRIGHT ©										
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					 m 0400 699 979 e brett@langtreeconsulting.com.au										
								SCALE SHEET REVISION DRG No.							
								1 OF 18 G H J K 0 0944 -AC- C001							

EARTHWORKS LEGEND:

- AS BUILT MINOR CONTOUR
- AS BUILT MAJOR CONTOUR
- × SPT LVL
- FINISHED EARTHWORK SURVEY PICKUP POINTS
- AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY



ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

24.03.2025
DATE

BENJAMIN COOK (No. 4535)

I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

24.03.2025
DATE

B. Langtree

BRETT LANGTREE (RPEQ No. 11932)



CERTIFICATION

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MT MARGARET ESTATE STAGE 11 - OPERATIONAL WORKS

**NICKEL STREET
ALICE RIVER, QLD, 4817**

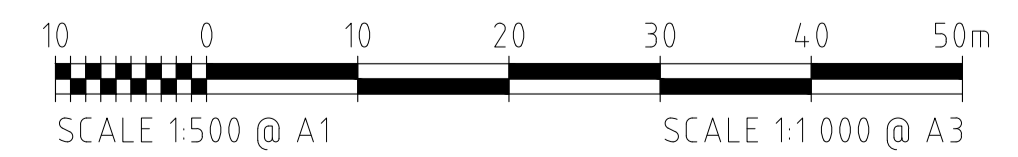
EARTHWORKS, ROADWORKS AND DRAINAGE SHEET 1

REVISONS	No.	BY	DATE	DESCRIPTION
	1	JC	21.03.25	AS CONSTRUCTED - ADDED CONTOUR LEVELS
	0	MV	10.03.25	AS CONSTRUCTED
	E	BL	10.06.24	FOR APPROVAL - LOT LAYOUT UPDATED
	D	BL	15.12.23	FOR APPROVAL - LOT LAYOUT AND BASIN 01 AMENDED
	C	BL	21.11.23	FOR APPROVAL - GUIDE POSTS ADDED

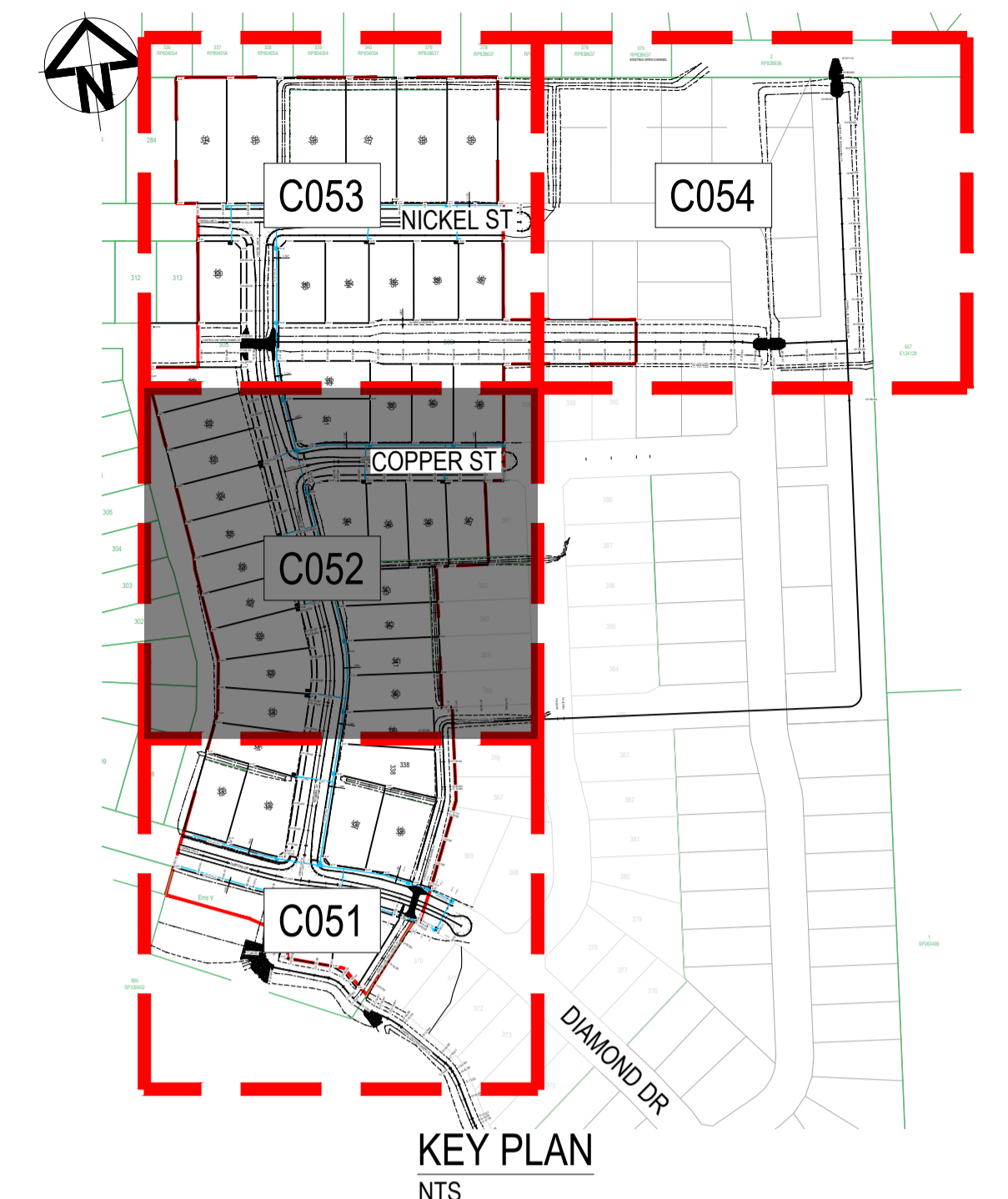
HORIZ. DATUM	MT MARGARET GRID	SCALE	AS SHOWN					
VERT. DATUM	AHD	SHEET	2 OF 18					
DRG. FILE	0944	DATE	REVISION	B	C	D	E	0
DESIGN	BL	NOV '23	1					
DRAWN	CBP	NOV '23	DRG No.	0944 -AC- C051				

Accepted As Constructed

AS CONSTRUCTED
10TH MARCH 2025



REFER TO DRAWING C001 FOR GENERAL LEGEND



ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

B.K. 24.03.2025
 BENJAMIN COOK (No. 4535) DATE

I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

B.B. Langtree 24.03.2025
 BRETT LANGTREE (RPEQ No. 11932) DATE



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**MT MARGARET ESTATE STAGE 11
 -OPERATIONAL WORKS**

**NICKEL STREET
 ALICE RIVER, QLD, 4817
 EARTHWORKS, ROADWORKS AND DRAINAGE SHEET 2**

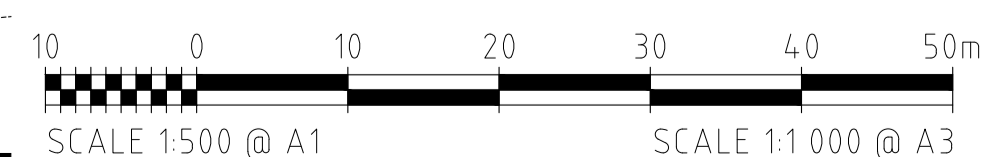
REVISIONS	No.	BY	DATE	DESCRIPTION
	1	MV	21.03.25	AS CONSTRUCTED - ADDED CONTOUR DATA
	0	MV	10.03.25	AS CONSTRUCTED
	C	BL	21.11.23	FOR APPROVAL - GUIDE POSTS ADDED
	B	CBP	06.11.23	FOR APPROVAL
	A	CBP	28.09.23	FOR APPROVAL

HORIZ. DATUM	MT MARGARET GRID	SCALE	AS SHOWN
VERT. DATUM	AHD	SHEET	3 OF 18
DRG. FILE	0944	DATE	REVISION
DESIGN	BL	NOV '23	A B C 0 1
DRAWN	CBP	NOV '23	DRG No. 0944-AC-C052

- EARTHWORKS LEGEND:**
- AS BUILT MINOR CONTOUR
 - AS BUILT MAJOR CONTOUR
 - × SPT LVL FINISHED EARTHWORK SURVEY PICKUP POINTS
 - AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY

Accepted As Constructed

AS CONSTRUCTED
 10TH MARCH 2025



REFER TO DRAWING C001 FOR GENERAL LEGEND

JOINS DRG C051

JOINS DRG C051

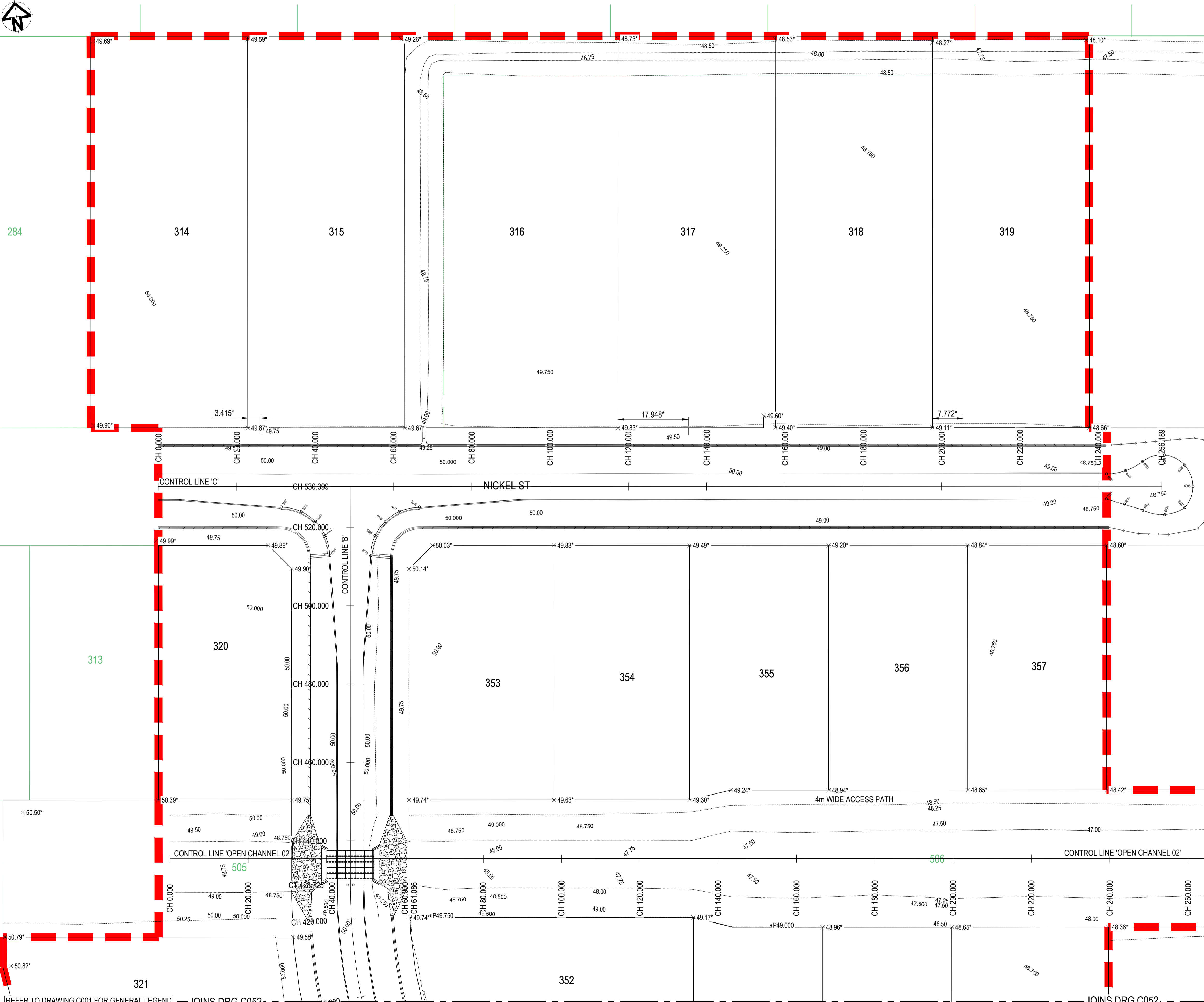
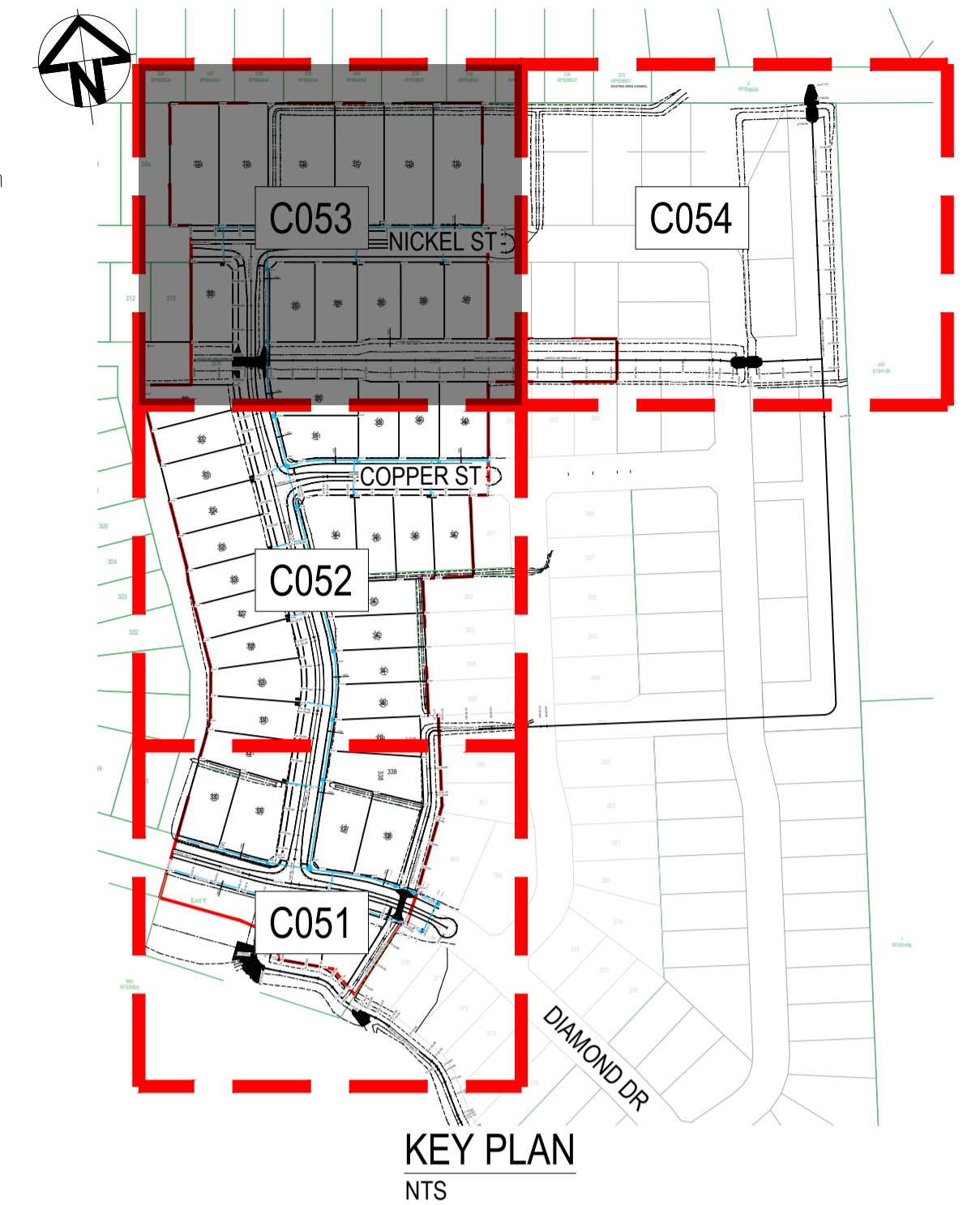
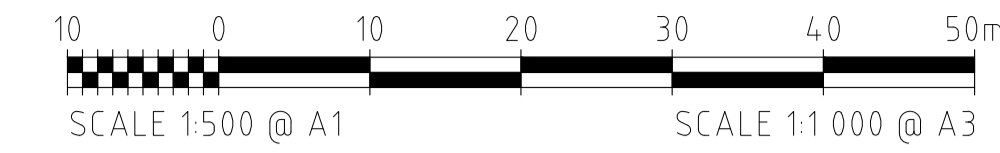
EARTHWORKS LEGEND:

- AS BUILT MINOR CONTOUR
- AS BUILT MAJOR CONTOUR
- × SPT LVL
- FINISHED EARTHWORK SURVEY PICKUP POINTS
- AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY

Accepted As Constructed

AS CONSTRUCTED

10TH MARCH 2025



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Benjamin Cook 24.03.2025
BENJAMIN COOK (No. 4535) DATE

I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

Brett Langtree 24.03.2025
BRETT LANGTREE (RPEQ No. 11932) DATE



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**MT MARGARET ESTATE STAGE 11
-OPERATIONAL WORKS**

**NICKEL STREET
ALICE RIVER, QLD, 4817**

EARTHWORKS, ROADWORKS AND DRAINAGE SHEET 3

REVISIONS	No.	BY	DATE	DESCRIPTION
	1	JC	21.03.25	AS CONSTRUCTED - CONTOUR LABELS ADDED
	0	MV	10.03.25	AS CONSTRUCTED
	F	BL	30.11.24	FOR APPROVAL - CHANNEL LAYOUT AMENDED
	E	BL	10.06.24	FOR APPROVAL - LOT LAYOUT UPDATED
	D	BL	26.11.23	FOR APPROVAL - HIGH POINT ON NICKEL ST ADDED

HORIZ. DATUM	MT MARGARET GRID	SCALE	AS SHOWN					
VERT. DATUM	AHD	SHEET	4 OF 18					
DRG. FILE	0944	DATE	REVISION	A	B	C	D	E
DESIGN	BL	NOV '23		F	0	1		
DRAWN	CBP	NOV '23	DRG. No.	0944 -AC- C053				

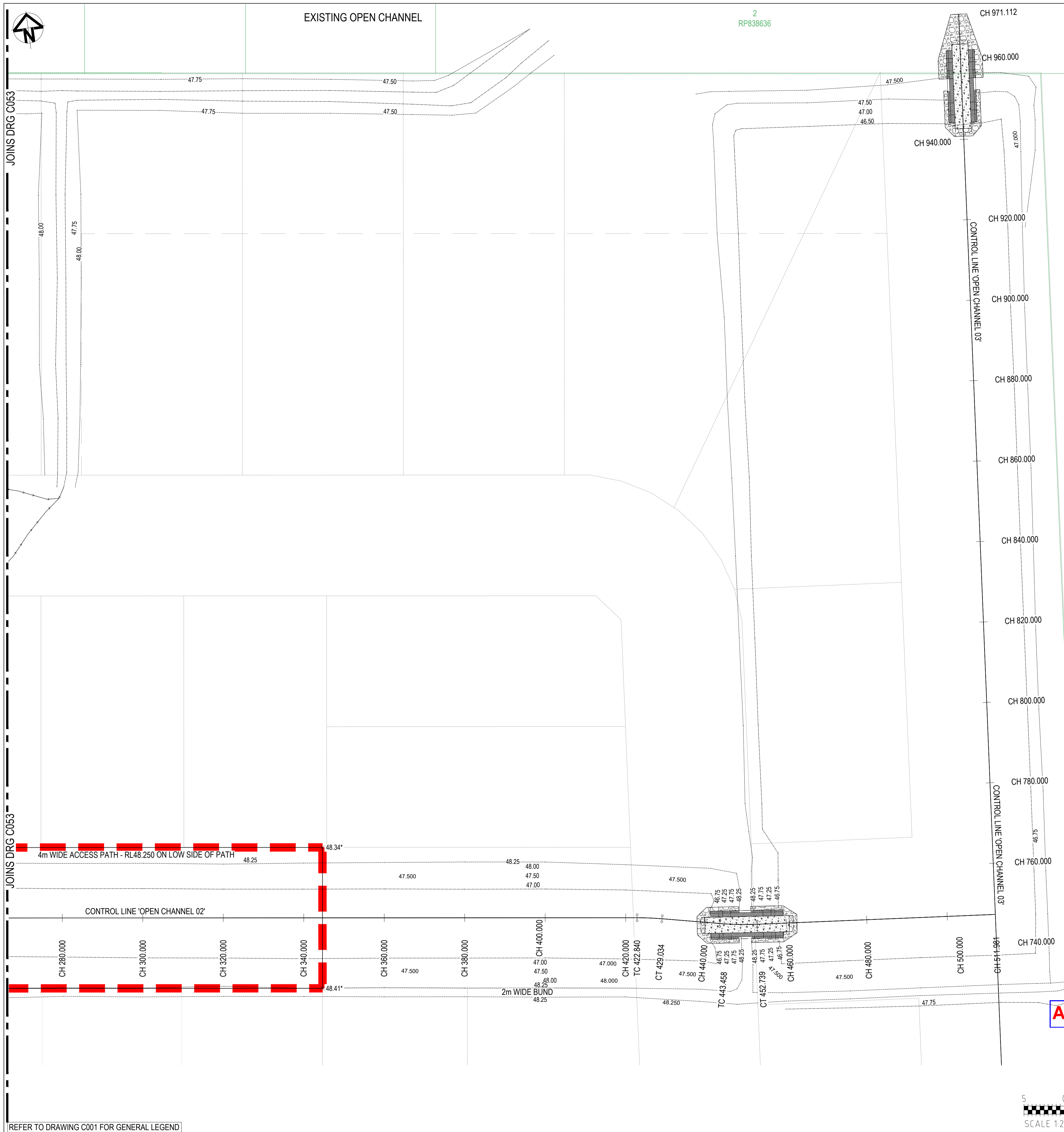
REFER TO DRAWING C001 FOR GENERAL LEGEND

JOINS DRG C052

JOINS DRG C054

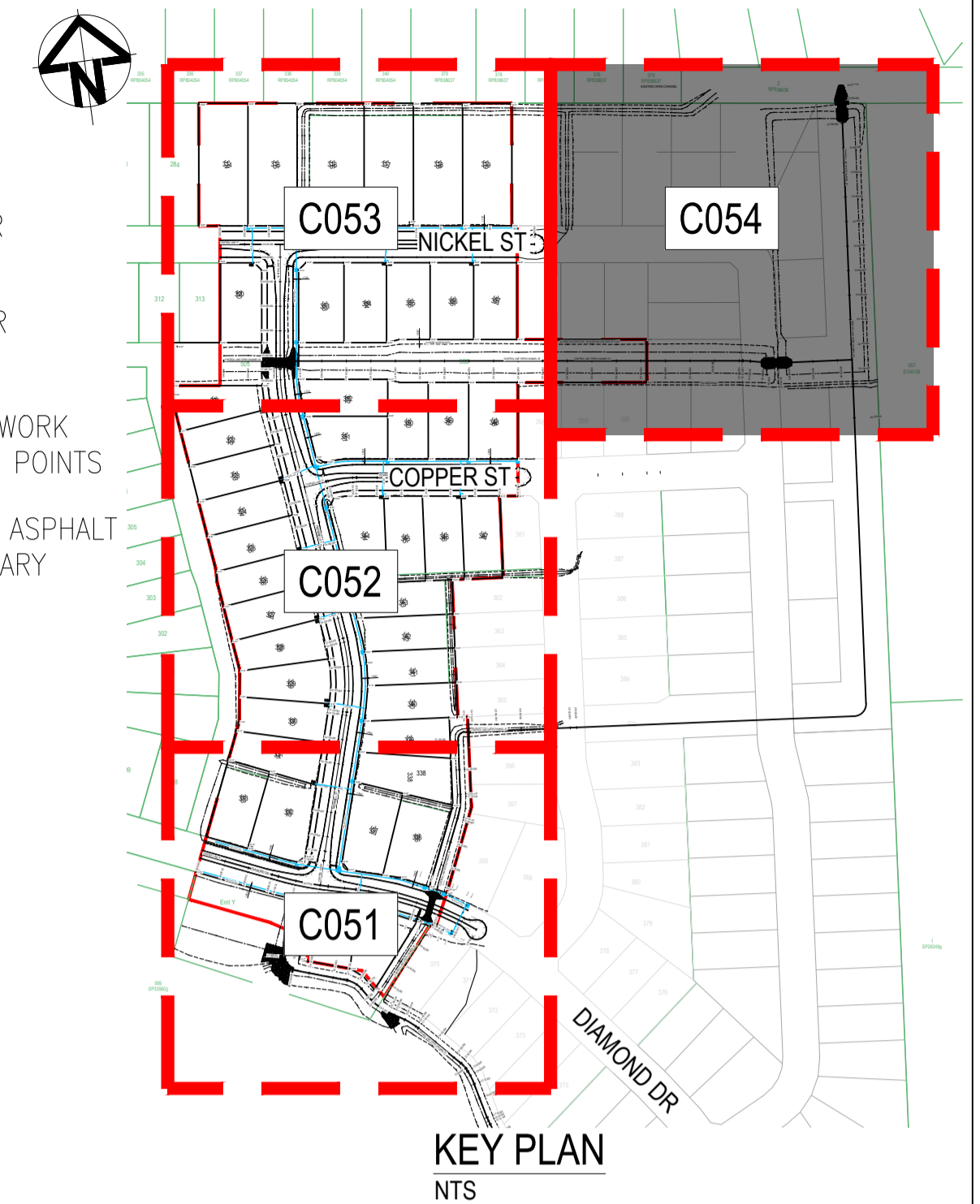
JOINS DRG C054

JOINS DRG C054



EARTHWORKS LEGEND:

- AS BUILT MINOR CONTOUR
- AS BUILT MAJOR CONTOUR
- SPT LVL
- FINISHED EARTHWORK SURVEY PICKUP POINTS
- AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY



ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

Benjamin Cook 24.03.2025
BENJAMIN COOK (No. 4535) DATE

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Brett Langtree 24.03.2025
BRETT LANGTREE (RPEQ No. 11932) DATE



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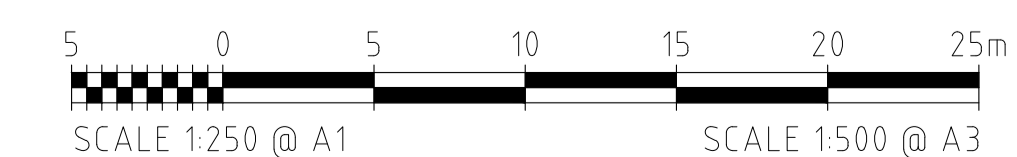
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**MT MARGARET ESTATE STAGE 11
-OPERATIONAL WORKS**
**NICKEL STREET
ALICE RIVER, QLD, 4817**
EARTHWORKS, ROADWORKS AND DRAINAGE SHEET 4

REVISIONS	No.	BY	DATE	DESCRIPTION
	1	JC	21.03.25	AS CONSTRUCTED - CONTOUR LABELS ADDED
	0	MV	10.03.25	AS CONSTRUCTED
	H	BL	30.11.24	FOR APPROVAL - CHANNEL LAYOUT AMENDED
	G	BL	05.07.24	FOR APPROVAL - CHANNEL RESTRICTIONS AMENDED
	F	BL	19.06.24	FOR APPROVAL - ADJACENT LOT WORKS REMOVED

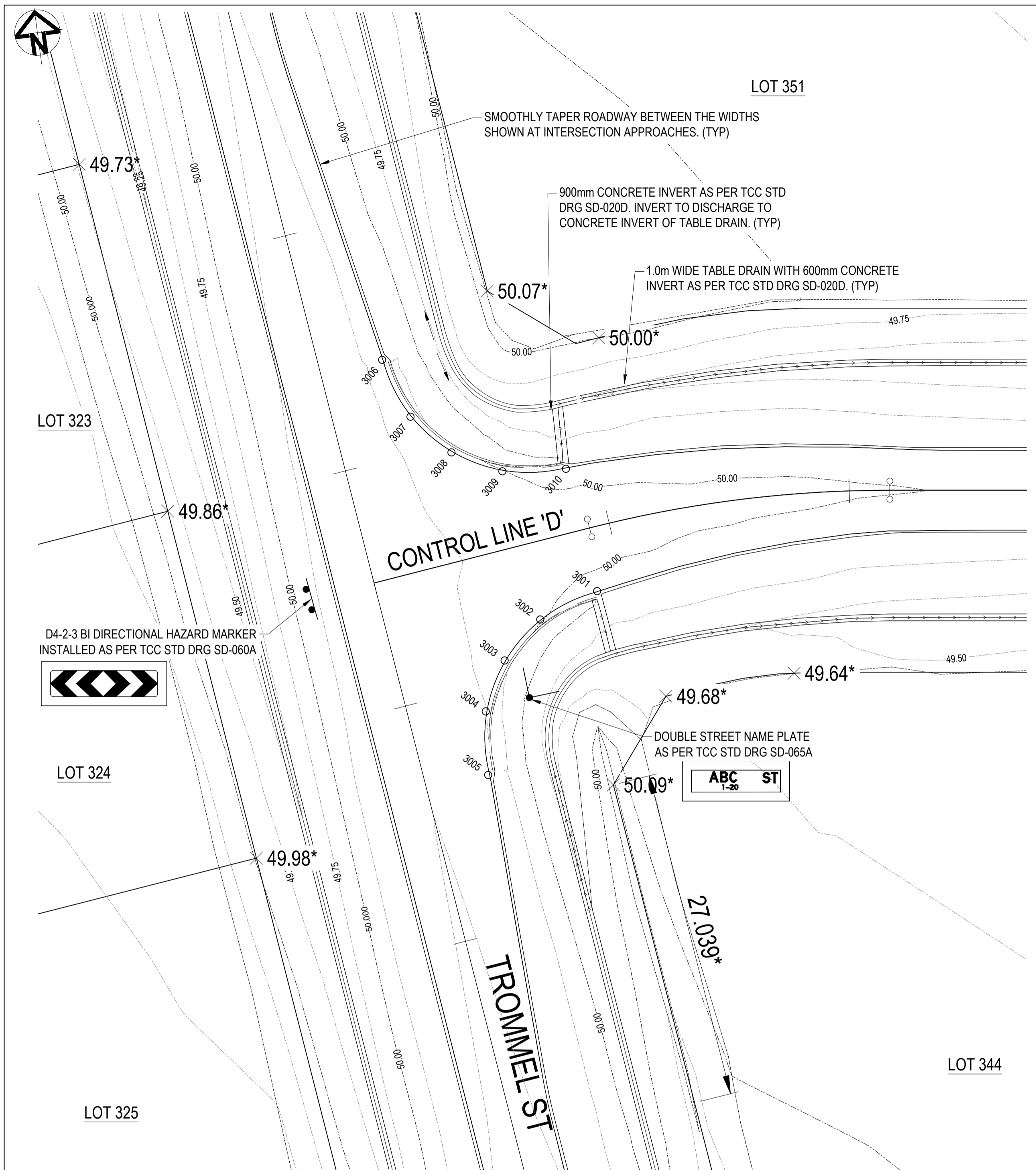
Accepted As Constructed

AS CONSTRUCTED
10TH MARCH 2025

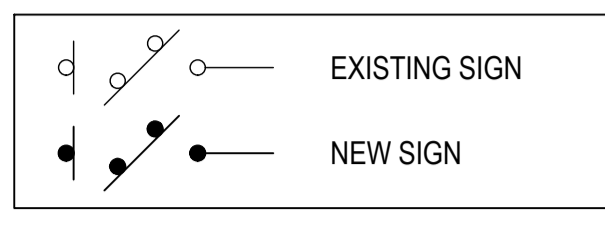


REFER TO DRAWING C001 FOR GENERAL LEGEND

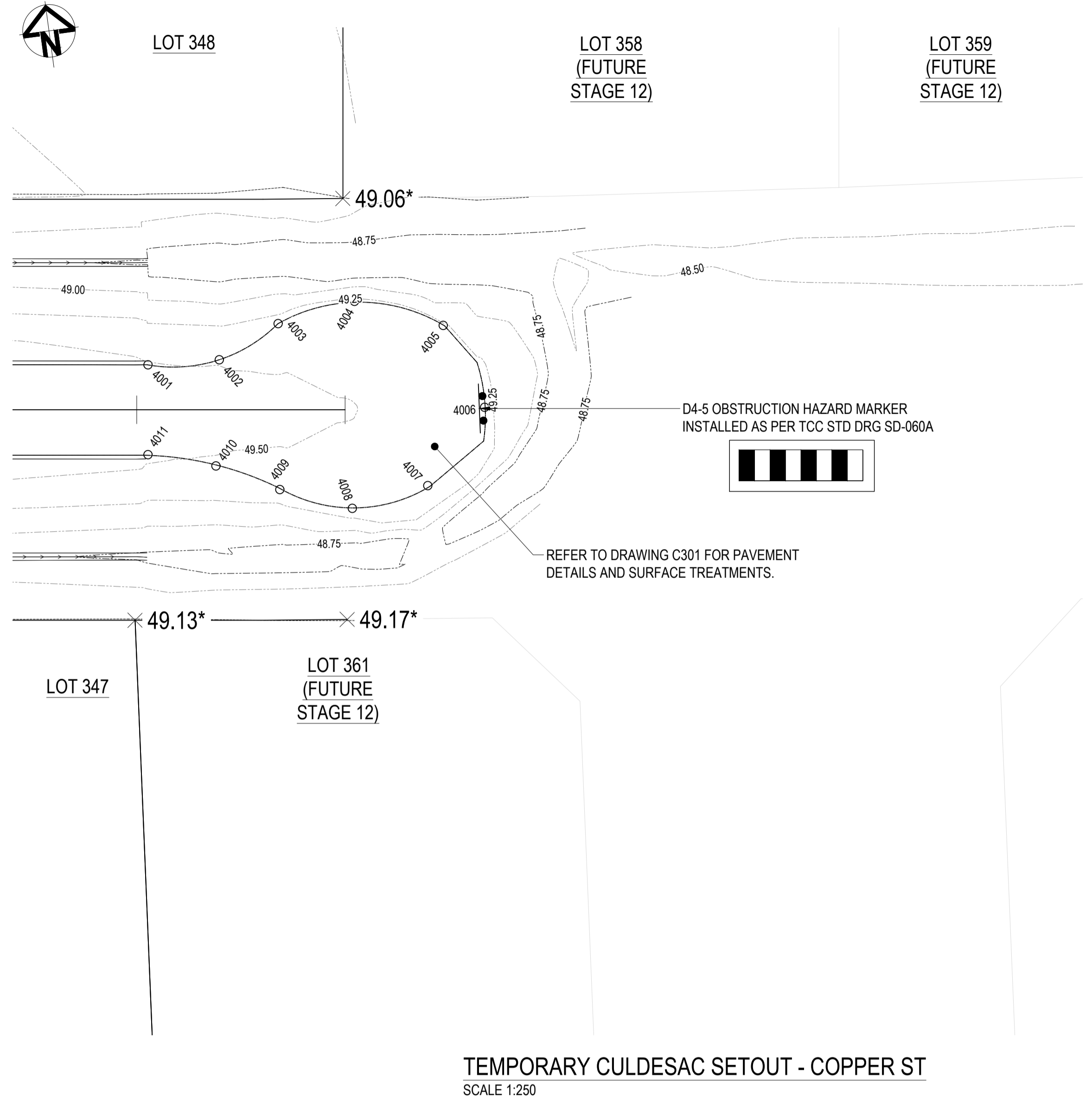
HORIZ. DATUM	MT MARGARET GRID	SCALE	AS SHOWN					
VERT. DATUM	AHD	SHEET	5 OF 18					
DRG. FILE	0944	DATE	REVISION	A	B	C	D	E
DESIGN	BL	NOV '23		F	G	H	0	1
DRAWN	CBP	NOV '23	DRG. No.	0944 - AC-C054				



SIGNS LEGEND



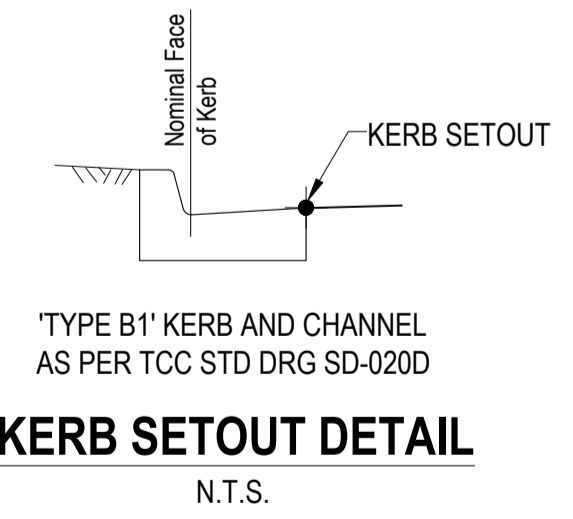
NOTE:
ALL SETOUT POINTS
REFERENCE MT MARGARET
LOCAL GRID.



TEMPORARY CULDESAC SETOUT - COPPER ST
SCALE 1:250

INTERSECTION SETOUT - TROMMEL ST AND COPPER ST
SCALE 1:250

POINT	EASTING	NORTHING	LEVEL
3001	58441.058	861340.025	49.950*
3002	58436.098	861338.337	50.010*
3003	58432.735	861335.384	50.130*
3004	58430.634	861331.434	50.260*
3005	58430.131	861326.218	50.310*
3006	58426.049	861361.282	50.200*
3007	58427.737	861356.321	50.170*
3008	58430.689	861352.959	50.090*
3009	58434.640	861350.858	50.000*
3010	58439.856	861350.355	49.950*



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Benjamin Cook
BENJAMIN COOK (No. 4535) 24.03.2025
DATE

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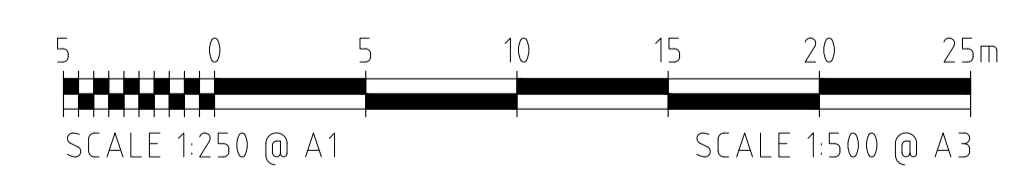
Brett Langtree
BRETT LANGTREE (RPEQ No. 11932) 24.03.2025
DATE

EARTHWORKS LEGEND:

- AS BUILT MINOR CONTOUR
- AS BUILT MAJOR CONTOUR
- × SPT LVL FINISHED EARTHWORK SURVEY PICKUP POINTS
- AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY

POINT	EASTING	NORTHING	LEVEL
4001	58582.906	861332.502	49.520*
4002	58587.815	861332.651	49.490*
4003	58592.413	861334.378	49.360*
4004	58598.153	861335.259	49.320*
4005	58602.977	861332.025	49.280*
4006	58604.342	861326.381	49.290*
4007	58601.529	861321.300	49.320*
4008	58596.021	861319.460	49.330*
4009	58590.720	861321.831	49.390*
4010	58586.744	861324.715	49.480*
4011	58582.051	861326.160	49.530*

Accepted As Constructed



AS CONSTRUCTED
10TH MARCH 2025

REFER TO DRAWING C001 FOR GENERAL LEGEND

REVISONS	No.	BY	DATE	DESCRIPTION	HORIZ. DATUM	MT MARGARET GRID	CERTIFICATION
					VERT. DATUM	AHD	
	1	JC	21.03.25	AS CONSTRUCTED - CONTOUR LABELS ADDED	DRG. FILE	0944	DATE
	0	MV	10.03.25	AS CONSTRUCTED	DESIGN	BL	NOV '23
	B	BL	21.11.23	FOR APPROVAL - TABLE DRAIN HEIGHTS ADDED	DRAWN	CBP	NOV '23
	A	BL	06.11.23	FOR APPROVAL			

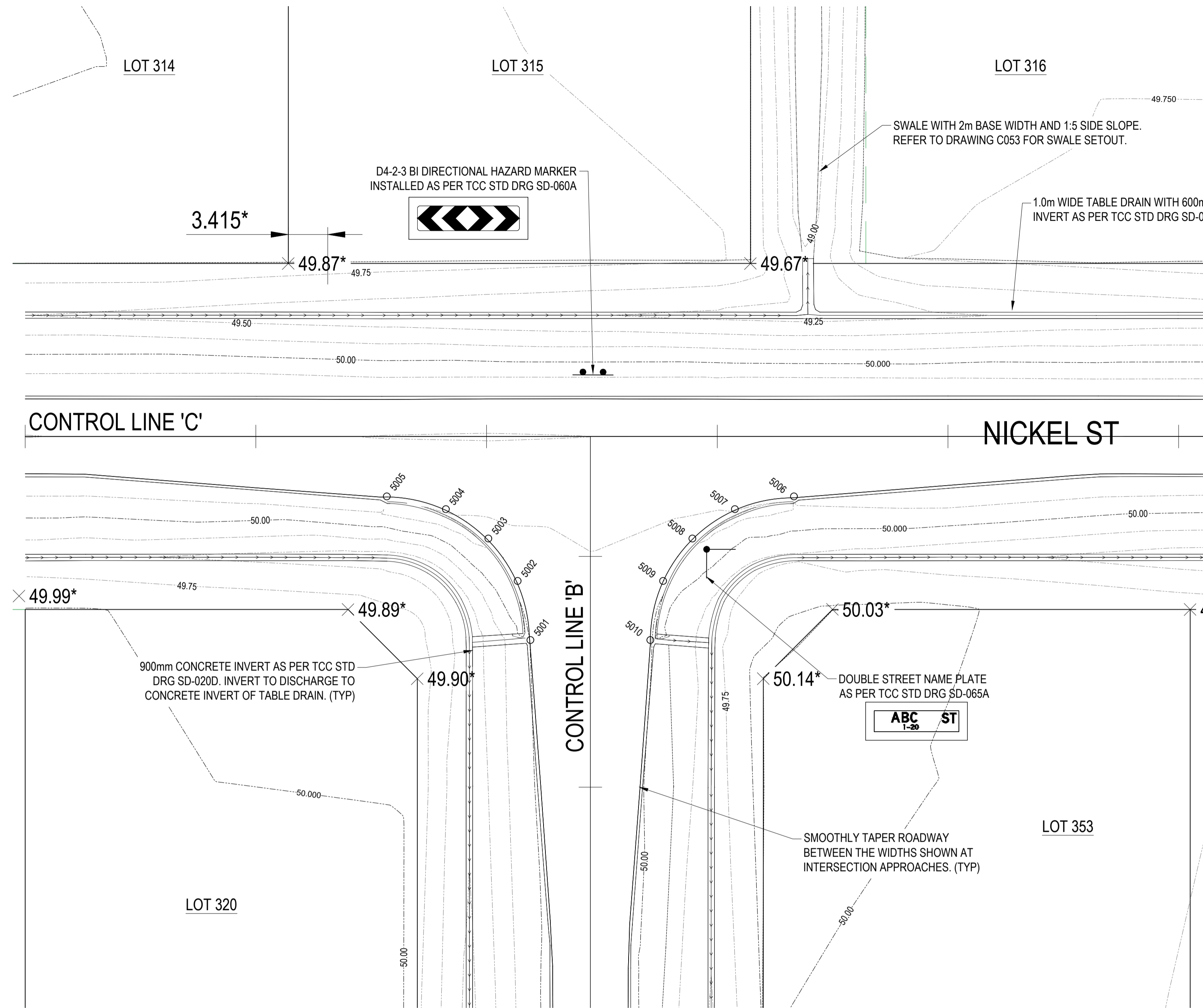
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m 0400 699 979
e brett@langtreeconsulting.com.au

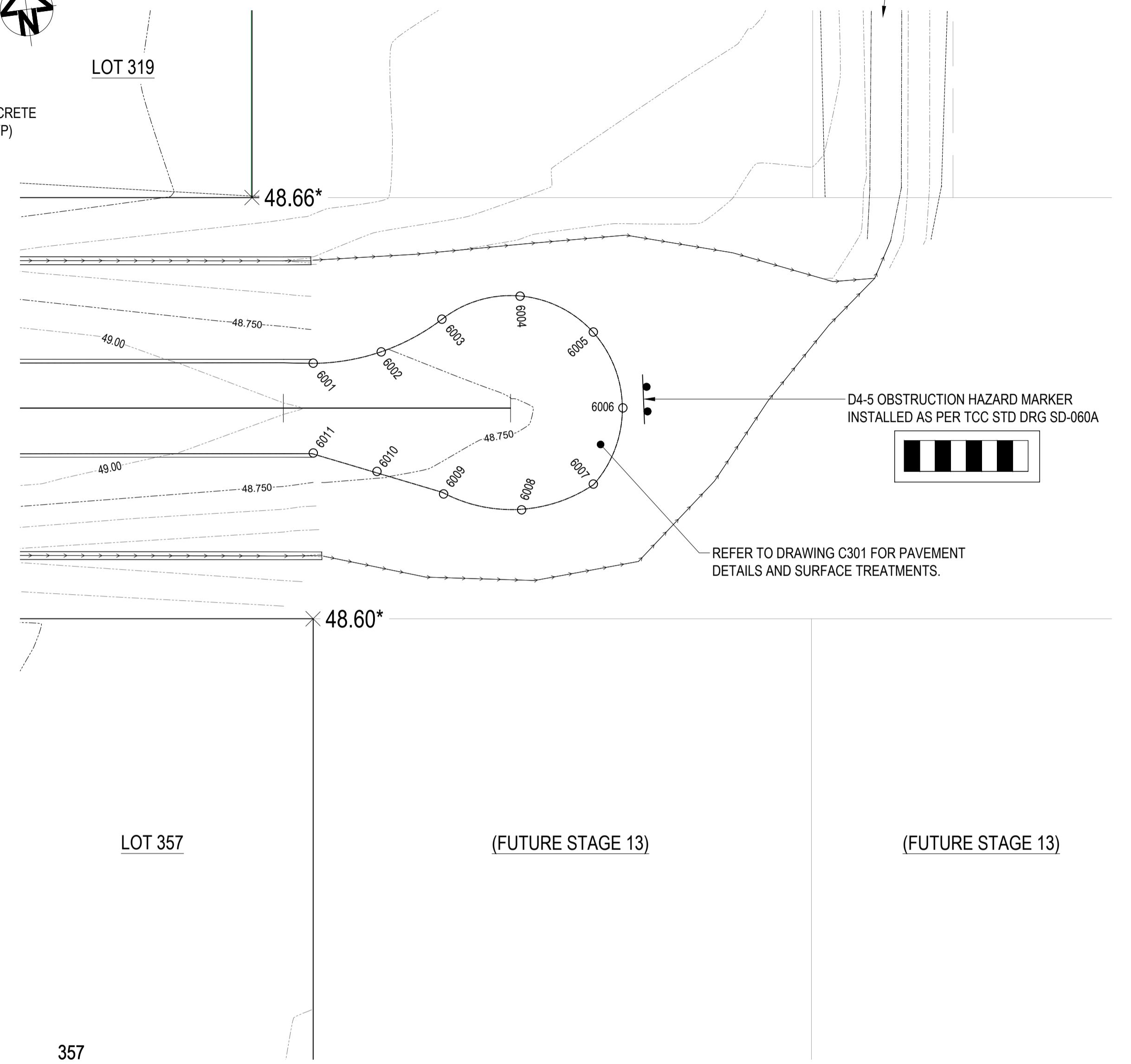
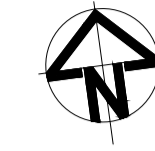
MT MARGARET ESTATE STAGE 11 - OPERATIONAL WORKS

NICKEL STREET
ALICE RIVER, QLD, 4817
INTERSECTION SETOUT DETAILS SHEET 2

SCALE	AS SHOWN			
SHEET	11 OF 18			
REVISION	A	B	0	1
DRG No.	0944 -AC- C072			

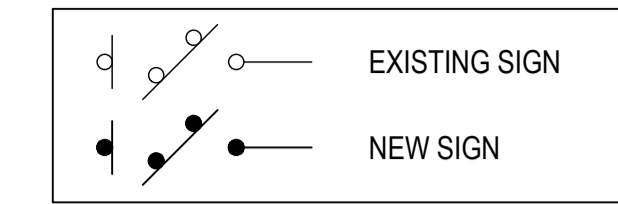


INTERSECTION SETOUT - TROMMEL ST AND NICKEL ST
SCALE 1:250



TEMPORARY CULDESAC SETOUT - NICKEL ST
SCALE 1:250

SIGNS LEGEND



SWALE WITH 1m BASE WIDTH AND 1:5 SIDE SLOPES. DISCHARGE TO EXISTING OPEN DRAIN. REFER TO DRAWING C053 FOR SWALE SETOUT.

D4-5 OBSTRUCTION HAZARD MARKER INSTALLED AS PER TCC STD DRG SD-060A

REFER TO DRAWING C301 FOR PAVEMENT DETAILS AND SURFACE TREATMENTS.

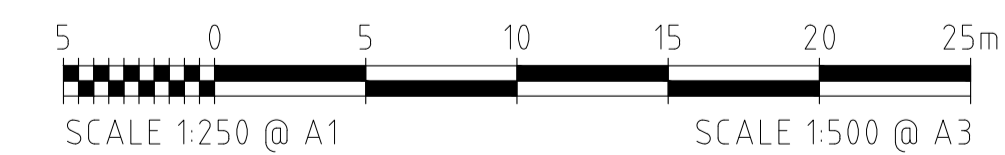
EARTHWORKS LEGEND:

- AS BUILT MINOR CONTOUR
- AS BUILT MAJOR CONTOUR
- × SPT LVL FINISHED EARTHWORK SURVEY PICKUP POINTS
- AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY

CULDESAC SETOUT TABLE - EDGE OF ROADWAY *

POINT	EASTING	NORTHING	LEVEL
6001	58621.661	861518.999	48.880*
6002	58626.572	861519.149	48.760*
6003	58631.171	861520.876	48.650*
6004	58636.911	861521.758	48.500*
6005	58641.735	861518.525	48.550*
6006	58643.102	861512.890	48.600*
6007	58640.290	861507.800	48.580*
6008	58634.782	861505.959	48.570*
6009	58629.480	861508.329	48.660*
6010	58625.504	861511.212	48.819*
6011	58620.812	861512.656	48.880*

Accepted As Constructed

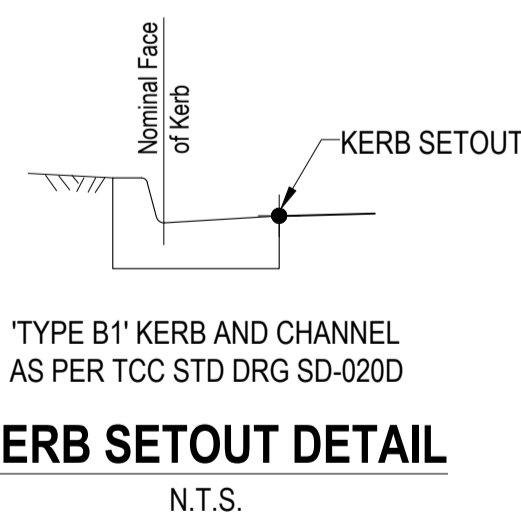


AS CONSTRUCTED

10TH MARCH 2025

INTERSECTION SETOUT TABLE - LIP OF KERB *

POINT	EASTING	NORTHING	LEVEL
5001	58422.329	861524.866	50.000*
5002	58421.921	861530.090	50.060*
5003	58419.893	861534.078	50.160*
5004	58416.585	861537.091	50.270*
5005	58411.656	861538.869	50.320*
5006	58446.639	861534.147	50.290*
5007	58441.415	861533.740	50.260*
5008	58437.427	861531.711	50.160*
5009	58434.413	861528.404	50.050*
5010	58432.635	861523.475	50.020*



ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

Benjamin Cook
BENJAMIN COOK (No. 4535)
24.03.2025
DATE

I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

Brett Langtree
BRETT LANGTREE (RPEQ No. 11932)
24.03.2025
DATE

REFER TO DRAWING C001 FOR GENERAL LEGEND

REVISIONS	No.	BY	DATE	DESCRIPTION	HORIZ. DATUM	MT MARGARET GRID	CERTIFICATION
					VERT. DATUM	AHD	
1	JC	21.03.25		AS CONSTRUCTED - CONTOUR LABELS ADDED	DRG. FILE	0944	DATE
0	MV	10.03.25		AS CONSTRUCTED	DESIGN	BL	NOV '23
B	BL	21.11.23		FOR APPROVAL - TABLE DRAIN HEIGHTS ADDED	DRAWN	CBP	NOV '23
A	BL	06.11.23		FOR APPROVAL			

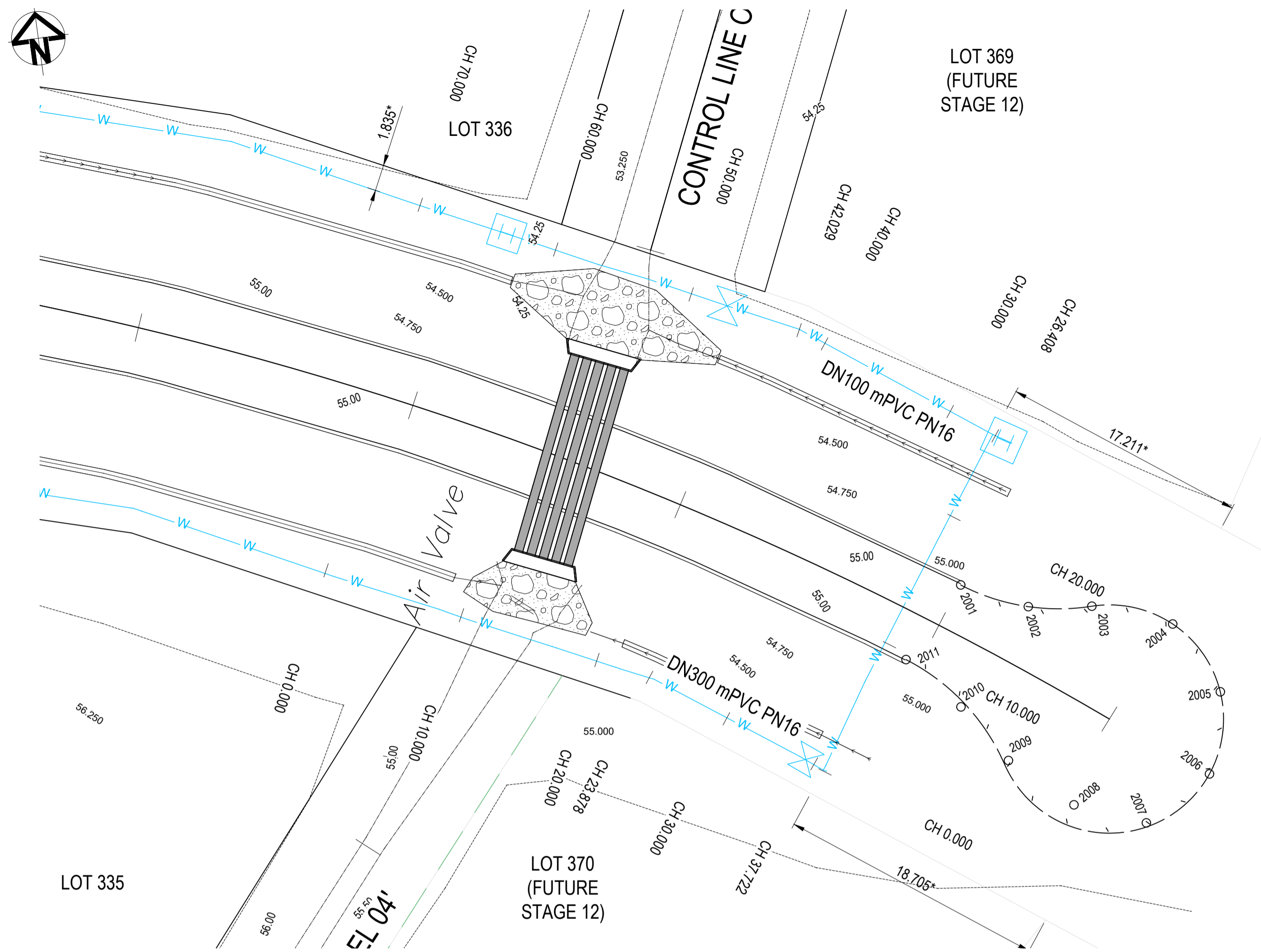


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e brett@langtreeconsulting.com.au

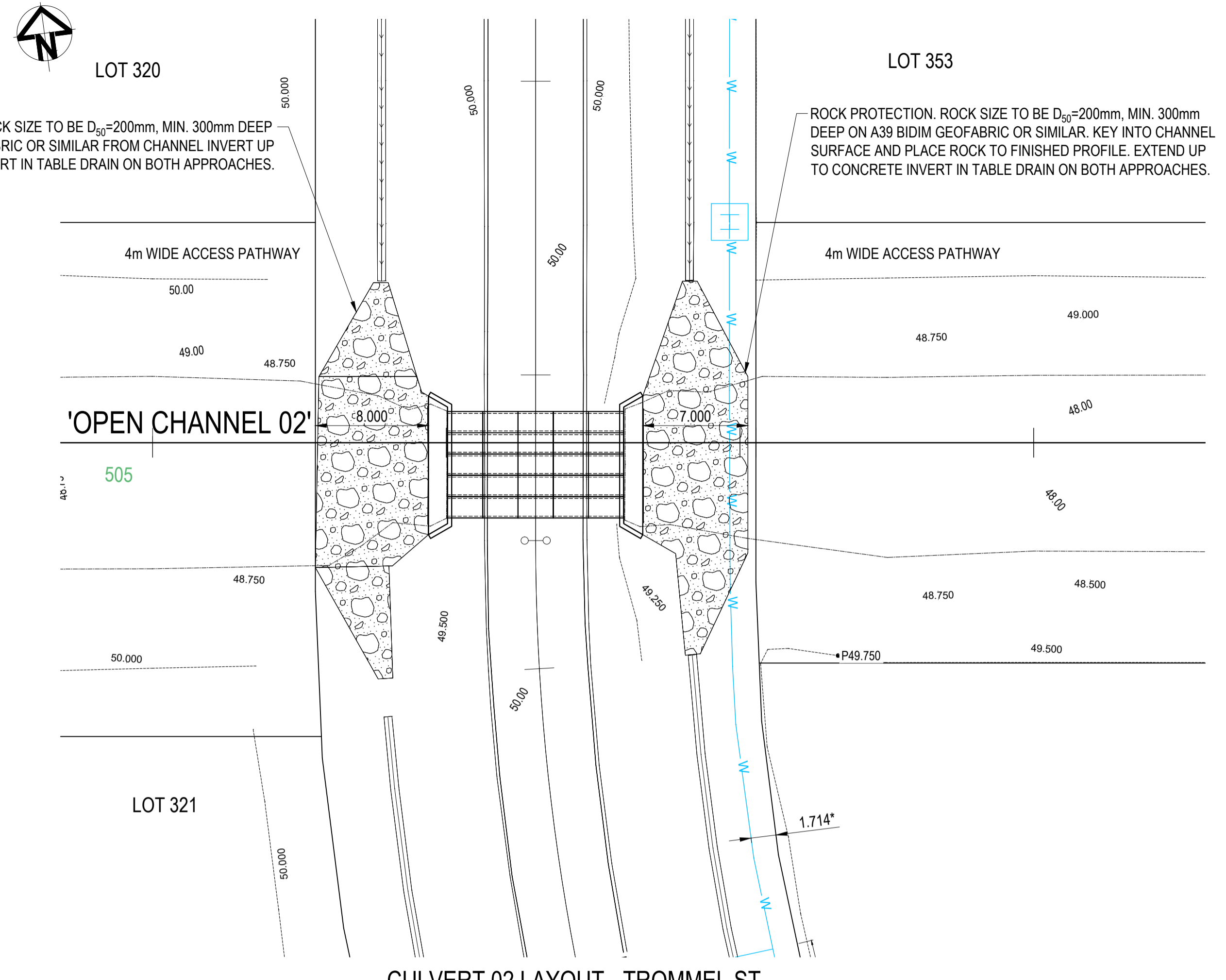
MT MARGARET ESTATE STAGE 11 - OPERATIONAL WORKS

NICKEL STREET
ALICE RIVER, QLD, 4817
INTERSECTION SETOUT DETAILS SHEET 3

SCALE	AS SHOWN
SHEET	12 OF 18
REVISION	A B 0 1
DRG No.	0944 -AC- C073



CULVERT 01 LAYOUT - DIAMOND DR
SCALE 1:250



CULVERT 02 LAYOUT - TROMMEL ST
SCALE 1:250

ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

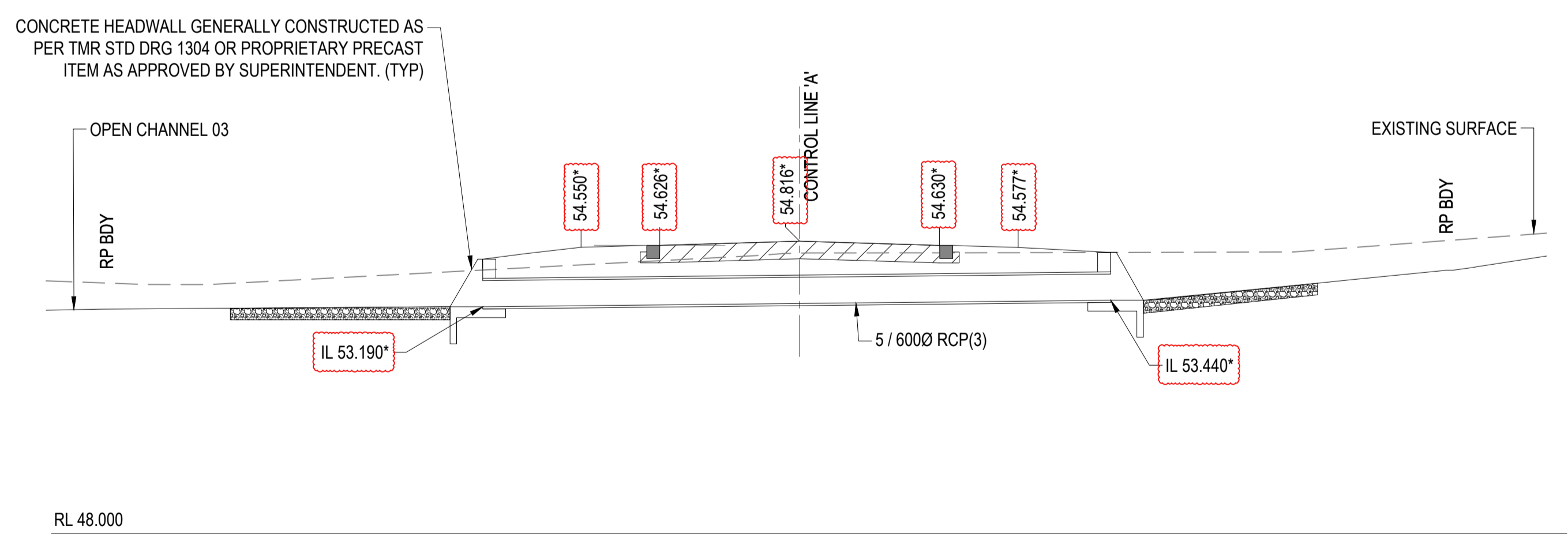
BAC
BENJAMIN COOK (No. 4535) 24.03.2025 DATE

I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

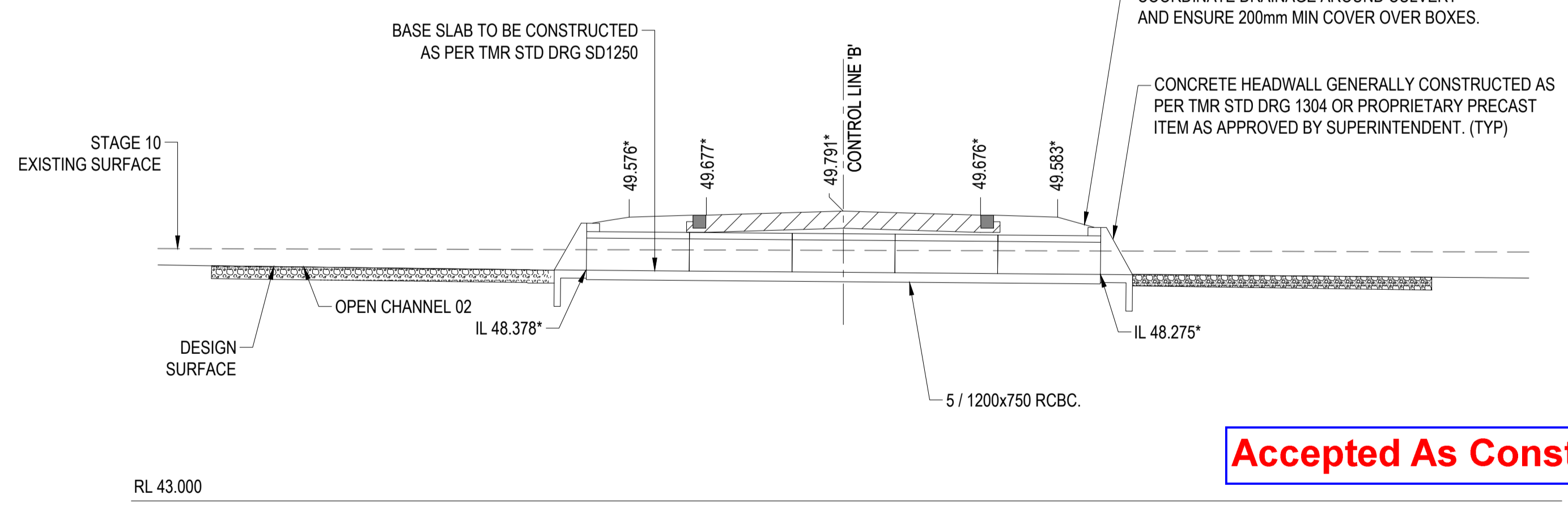
B. Langtree
BRETT LANGTREE (RPEQ No. 11932) 24.03.2025 DATE

EARTHWORKS LEGEND:

- AS BUILT MINOR CONTOUR
- AS BUILT MAJOR CONTOUR
- × SPT LVL FINISHED EARTHWORK SURVEY PICKUP POINTS
- AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY

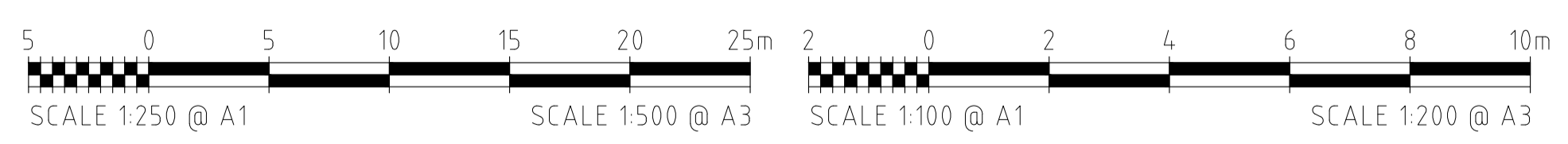


CULVERT 01 LONGITUDINAL SECTION - DIAMOND DR
SCALE 1:100



CULVERT 02 LONGITUDINAL SECTION - TROMMEL ST
SCALE 1:100

Accepted As Constructed



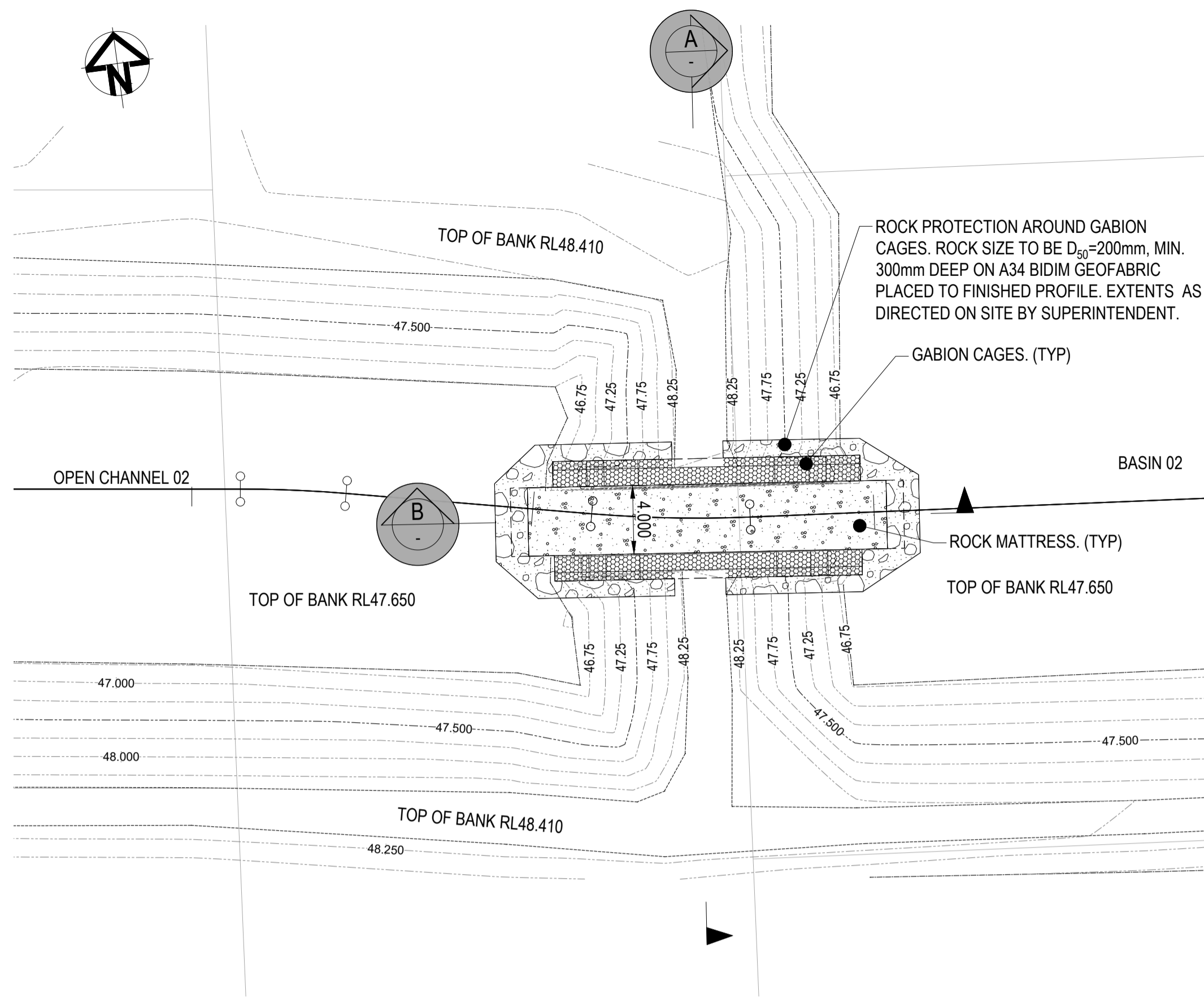
REFER TO DRAWING C001 FOR GENERAL LEGEND

REVISIONS	No.	BY	DATE	DESCRIPTION	HORIZ. DATUM	MT MARGARET GRID	CERTIFICATION
	1	JC	21.03.25	AS CONSTRUCTED - CONTOUR LABELS AND SPT LVLS	VERT. DATUM	AHD	
	0	MV	10.03.25	AS CONSTRUCTED	DRG. FILE	0944	DATE
	B	BL	21.11.23	FOR APPROVAL - PIPE CLASS / ROCK PROTECTION UPDATED	DESIGN	BL	NOV '23
	A	BL	06.11.23	FOR APPROVAL	DRAWN	CBP	NOV '23

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MT MARGARET ESTATE STAGE 11 - OPERATIONAL WORKS
NICKEL STREET
ALICE RIVER, QLD, 4817
CULVERT LAYOUT AND LONGITUDINAL SECTIONS

AS CONSTRUCTED	
10TH MARCH 2025	
SCALE	AS SHOWN
SHEET	13 OF 18
REVISION	A B 0 1
DRG No.	0944 -AC- C401



OPEN CHANNEL 02 OUTLET TO BASIN 2 LAYOUT
SCALE 1:250

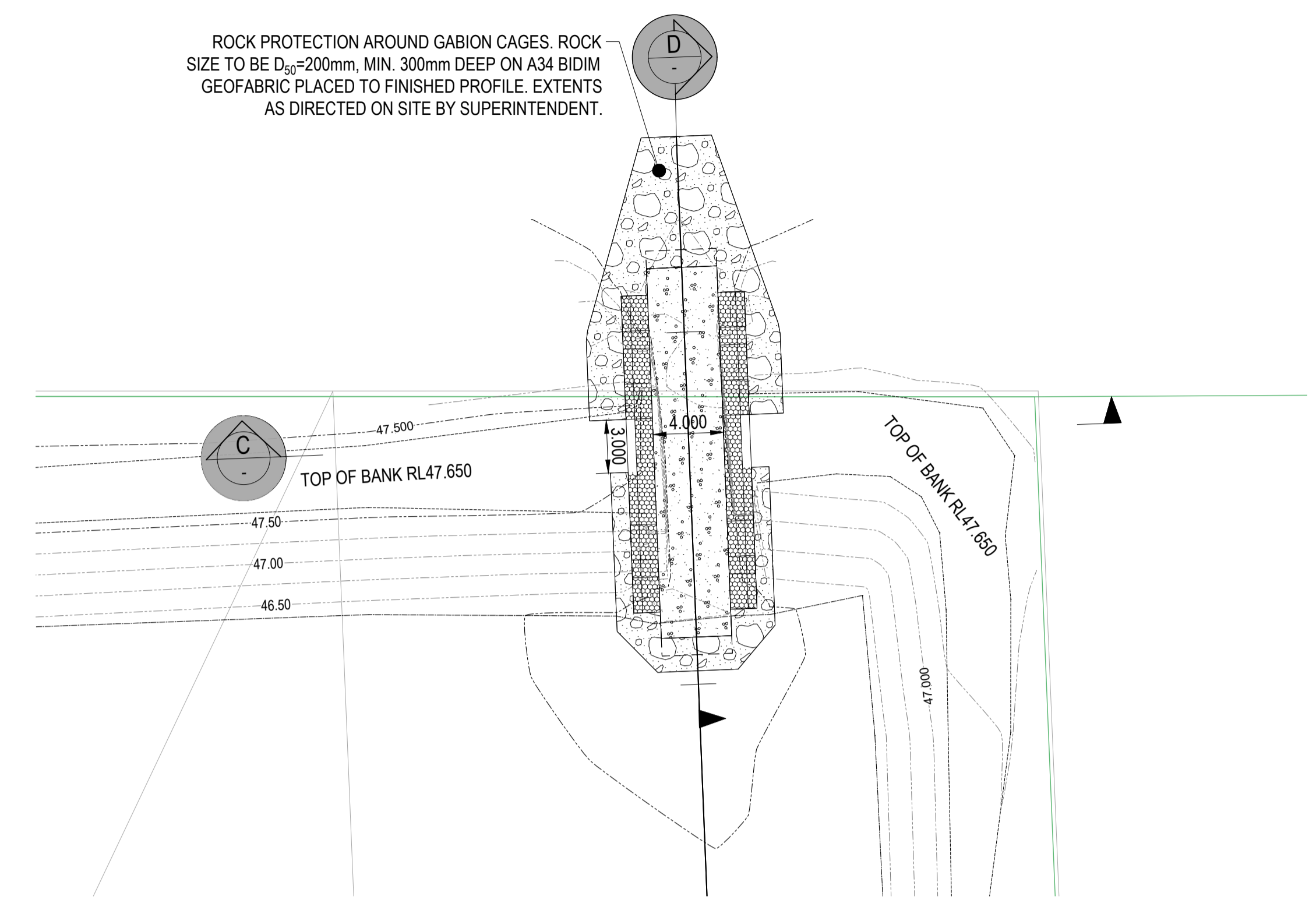
- EARTHWORKS LEGEND:**
- AS BUILT MINOR CONTOUR
 - AS BUILT MAJOR CONTOUR
 - × SPT LVL FINISHED EARTHWORK SURVEY PICKUP POINTS
 - AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY

ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

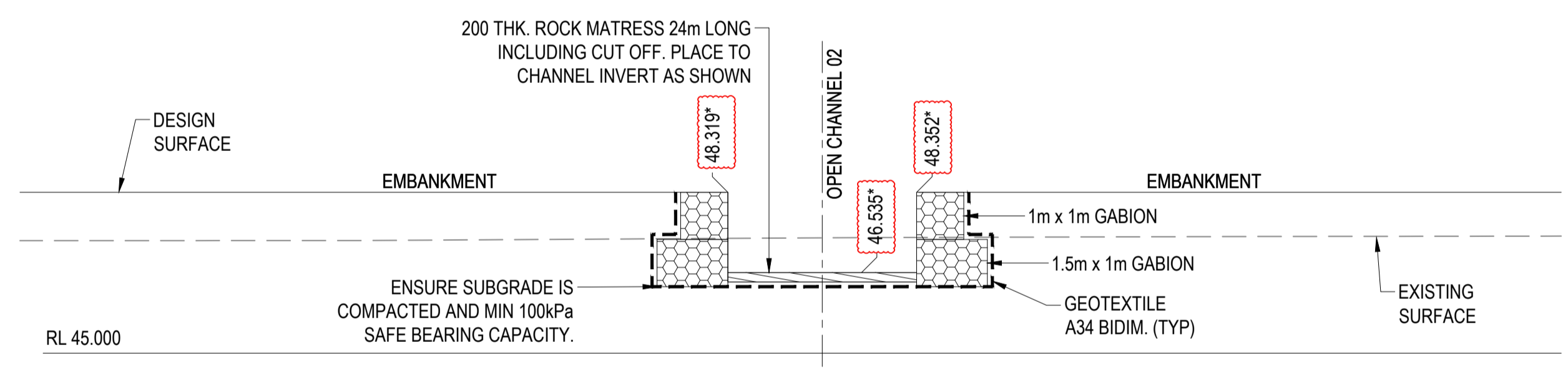
Benjamin Cook 24.03.2025
BENJAMIN COOK (No. 4535) DATE

I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

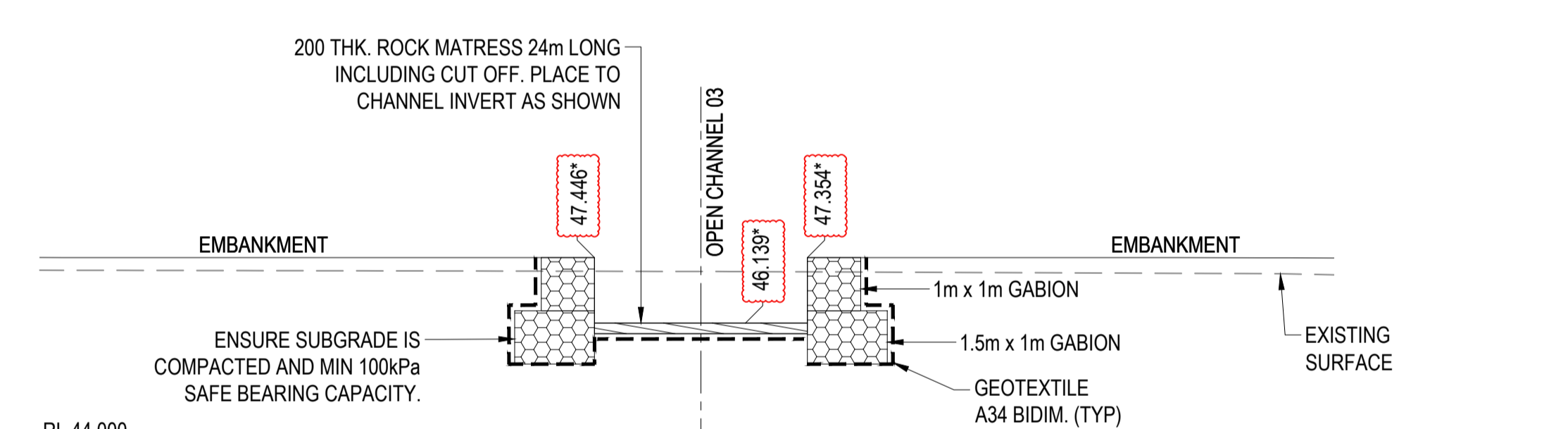
Brett Langtree 24.03.2025
BRETT LANGTREE (RPEQ No. 11932) DATE



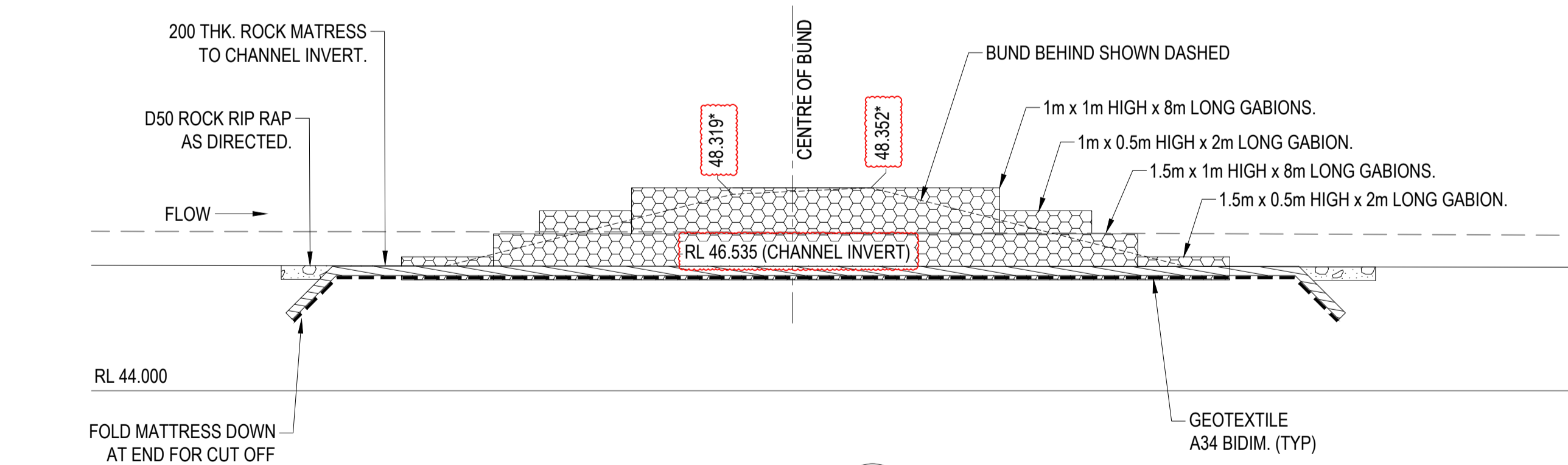
OUTLET TO EXISTING DRAINAGE CHANNEL LAYOUT
SCALE 1:250



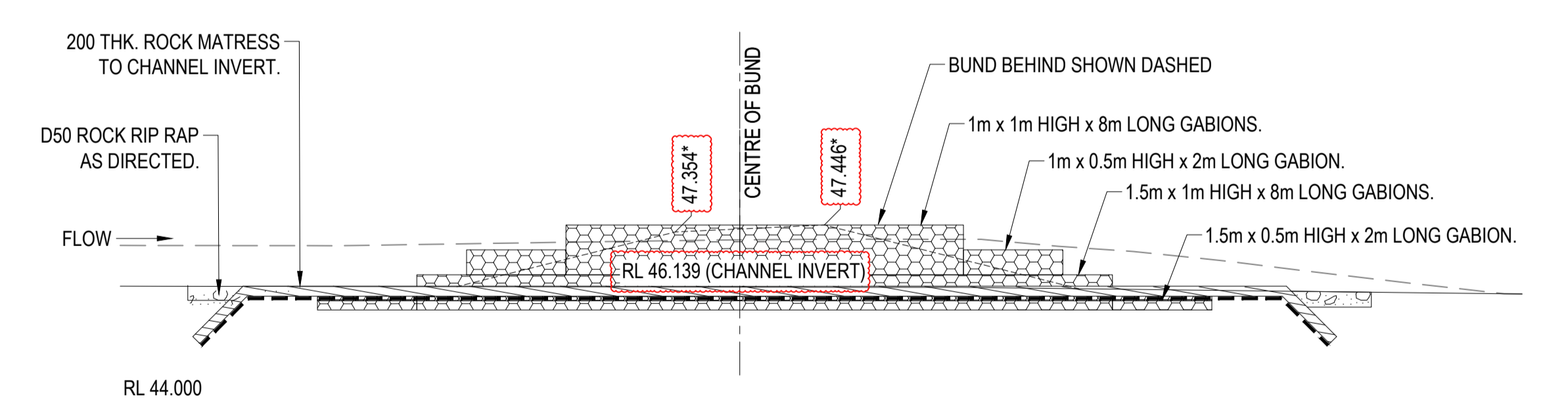
SECTION A
SCALE 1:100



SECTION C
SCALE 1:100

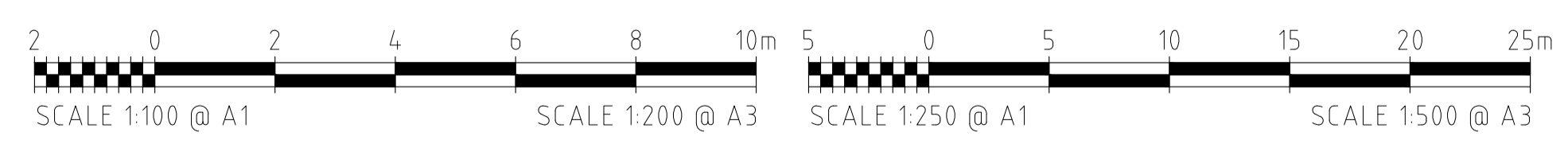


SECTION B
SCALE 1:100



SECTION D
SCALE 1:100

Accepted As Constructed



REFER TO DRAWING C001 FOR GENERAL LEGEND

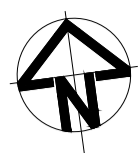
REVISIONS	No.	BY	DATE	DESCRIPTION	HORIZ. DATUM	MT MARGARET GRID	CERTIFICATION
	1	JC	21.03.25	AS CONSTRUCTED - CONTOUR LABELS AND SPOT LEVELS			
	0	MV	10.03.25	AS CONSTRUCTED			
	C	BL	05.07.24	FOR APPROVAL - LAYOUT AND DETAILS AMENDED			
	B	BL	04.06.24	FOR APPROVAL - GABION SIZES AMENDED			
	A	BL	06.11.23	FOR APPROVAL			
	No.	BY	DATE	DESCRIPTION	DRAWN	CBP	NOV '23

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MT MARGARET ESTATE STAGE 11 - OPERATIONAL WORKS
NICKEL STREET
ALICE RIVER, QLD, 4817
DRAINAGE DETAILS

AS CONSTRUCTED	
10TH MARCH 2025	
SCALE	AS SHOWN
SHEET	14 OF 18
REVISION	A B C 0 1
DRG No.	0944 -AC- C402



55.000

SMOOTHLY TAPER ROADWAY BETWEEN THE WIDTHS SHOWN AT INTERSECTION APPROACHES. (TYP)

LOT 332

TABLE DRAIN TO GRADE SMOOTHLY FROM DIAMOND DR TO TROMMEL ST AS SHOWN.

DOUBLE STREET NAME PLATE AS PER TCC STD DRG SD-065A



55.55*
55.95*

337

54.500

LOT 337

900mm CONCRETE INVERT AS PER TCC STD DRG SD-020D. INVERT TO DISCHARGE TO CONCRETE INVERT OF TABLE DRAIN. (TYP)

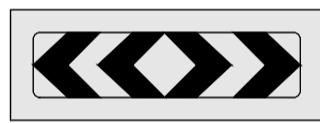
1.0m WIDE TABLE DRAIN WITH 600mm CONCRETE INVERT AS PER TCC STD DRG SD-020D. (TYP)

17.031*

CONTROL LINE 'B'

ID-DR

D4-2-3 BI DIRECTIONAL HAZARD MARKER INSTALLED AS PER TCC STD DRG SD-060A



BASIN 01

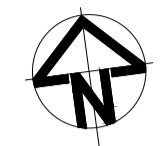
CH 302.921
CH 300.000

LOT 334

LOT 335

KERB RETURN SETOUT - INTERSECTION OF DIAMOND DR AND TROMMEL ST

SCALE 1:100



LOT 336

CONTROL LIN

REFER TO DRAWING C401 FOR DETAILS OF PROPOSED CULVERT CROSSING.

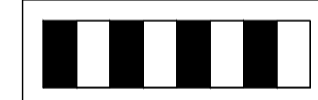
LOT 369 (FUTURE STAGE 12)

DIAMOND DR

LOT 370 (FUTURE STAGE 12)

LOCALLY SHAPE EXISTING SURFACE TO DIRECT STORMWATER INTO PROPOSED TABLE DRAIN.

D4-5 OBSTRUCTION HAZARD MARKER INSTALLED AS PER TCC STD DRG SD-060A

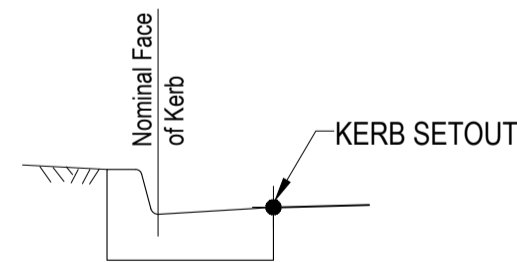


TEMPORARY CULDESAC SETOUT - DIAMOND DR

SCALE 1:100

INTERSECTION SETOUT TABLE - LIP OF KERB

POINT	EASTING	NORTHING	LEVEL
1001	58375.919	861030.670	56.310*
1002	58381.405	861029.979	56.190*
1003	58385.864	861031.292	55.990*
1004	58389.530	861034.148	55.760*
1005	58392.167	861039.009	55.550*
1006	58402.103	861035.923	55.510*
1007	58401.798	861030.593	55.700*
1008	58403.319	861026.321	55.820*
1009	58406.269	861022.878	55.870*
1010	58411.045	861020.492	55.840*



'TYPE B1' KERB AND CHANNEL AS PER TCC STD DRG SD-020D
KERB SETOUT DETAIL
N.T.S.

ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

BENJAMIN COOK (No. 4535)

24.03.2025
DATE

I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

Brett Langtree

BRETT LANGTREE (RPEQ No. 11932)

24.03.2025
DATE

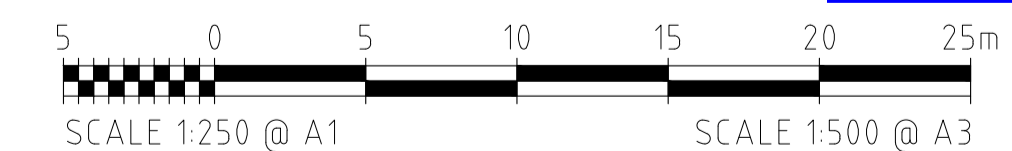
EARTHWORKS LEGEND:

- AS BUILT MINOR CONTOUR
- AS BUILT MAJOR CONTOUR
- × SPT LVL FINISHED EARTHWORK SURVEY PICKUP POINTS
- AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY

CULDESAC SETOUT TABLE - EDGE OF ROADWAY

POINT	EASTING	NORTHING	LEVEL
2001	58504.414	860977.842	55.090*
2002	58508.909	860975.707	55.060*
2003	58513.324	860975.139	54.950*
2004	58518.777	860973.145	55.050*
2005	58521.445	860967.989	55.120*
2006	58519.924	860962.385	55.210*
2007	58515.015	860959.287	55.180*
2008	58509.302	860960.325	55.140*
2009	58505.795	860964.953	55.100*
2010	58503.659	860969.448	55.070*
2011	58499.914	860973.177	55.080*

Accepted As Constructed



AS CONSTRUCTED
10TH MARCH 2025

REFER TO DRAWING C001 FOR GENERAL LEGEND

REVISED	No.	BY	DATE	DESCRIPTION	HORIZ. DATUM	MT MARGARET GRID	CERTIFICATION
					VERT. DATUM	AHD	
	1	JC	21.03.25	AS CONSTRUCTED - CONTOUR LABELS ADDED			
	0	MV	10.03.25	AS CONSTRUCTED			
	B	BL	21.11.23	FOR APPROVAL - TABLE DRAIN HEIGHTS ADDED	DRG. FILE	0944	DATE
	A	BL	06.11.23	FOR APPROVAL	DESIGN	BL	NOV '23
	No.	BY	DATE	DESCRIPTION	DRAWN	CBP	NOV '23

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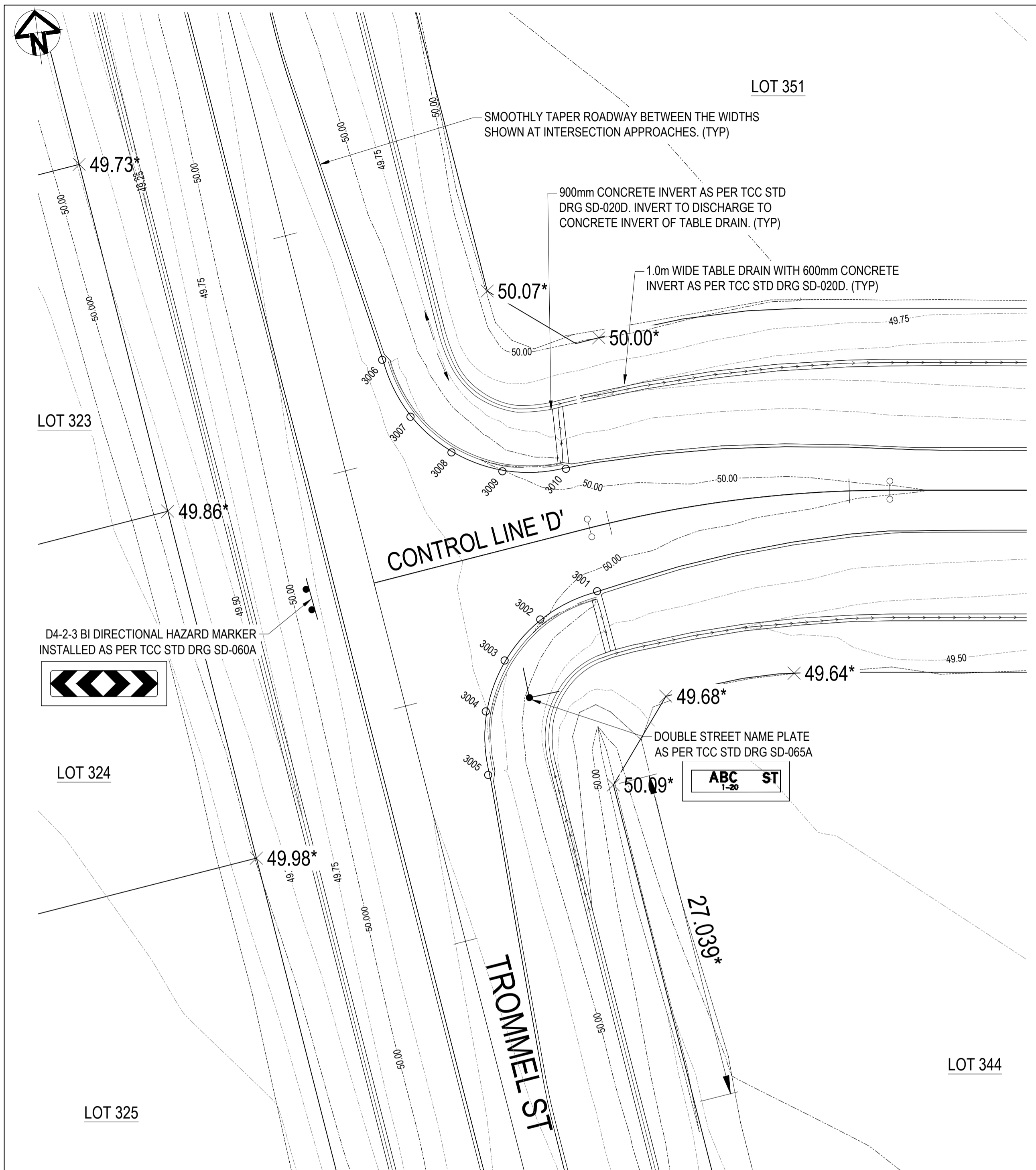
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e brett@langtreeconsulting.com.au

MT MARGARET ESTATE STAGE 11 - OPERATIONAL WORKS

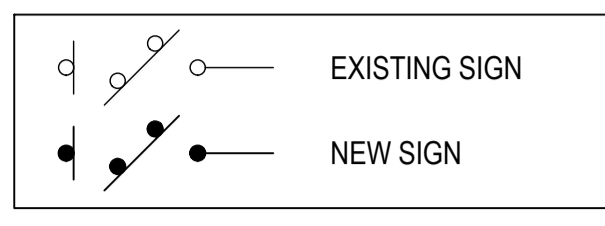
NICKEL STREET
ALICE RIVER, QLD, 4817

INTERSECTION SETOUT DETAILS SHEET 1

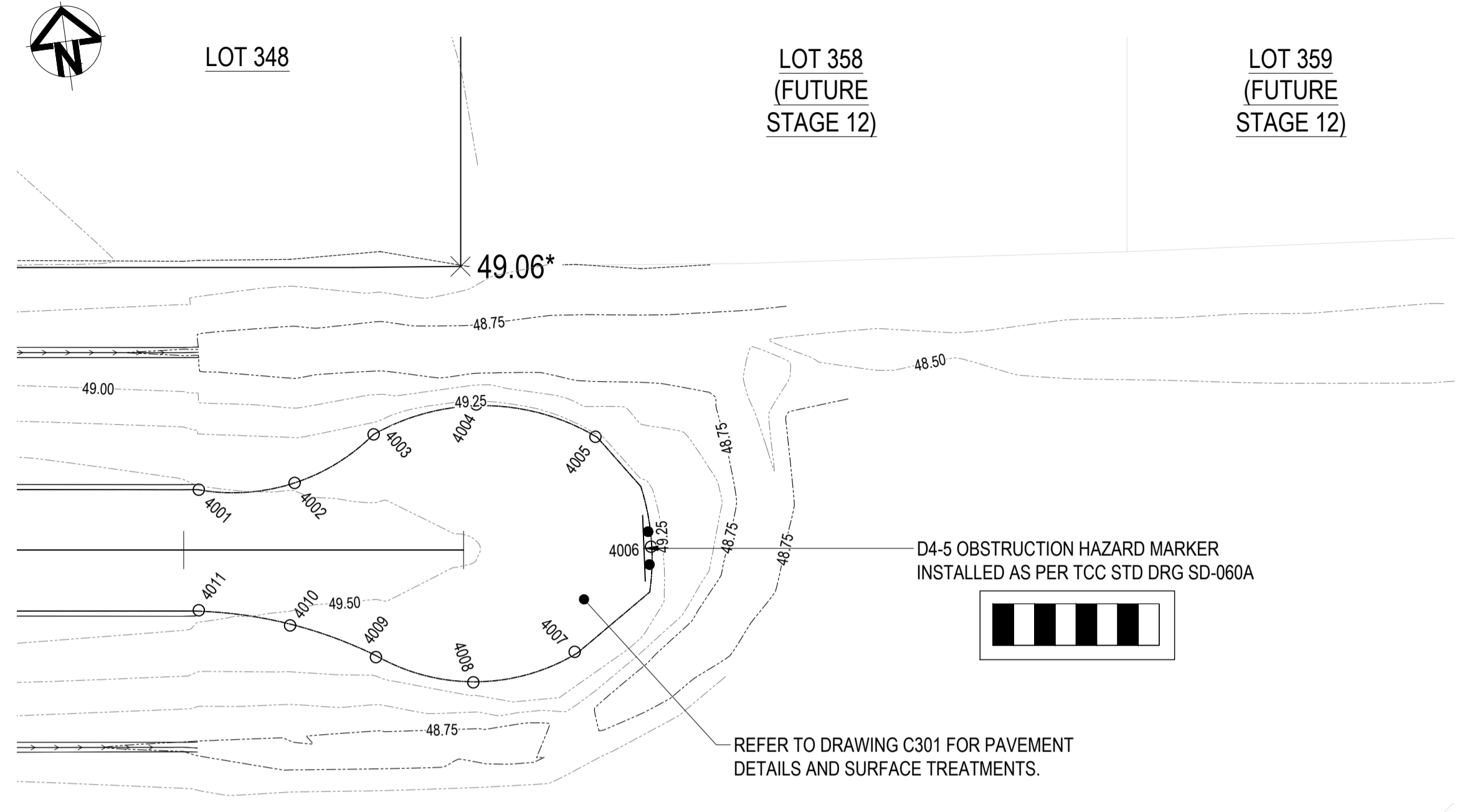
SCALE	AS SHOWN			
SHEET	10 OF 18			
REVISION	A	B	0	1
DRG No.	0944 -AC- C071			



SIGNS LEGEND



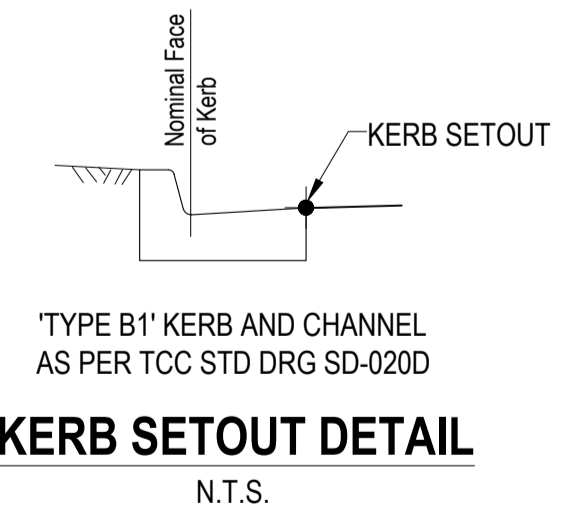
NOTE:
ALL SETOUT POINTS
REFERENCE MT MARGARET
LOCAL GRID.



TEMPORARY CULDESAC SETOUT - COPPER ST
SCALE 1:250

INTERSECTION SETOUT - TROMMEL ST AND COPPER ST
SCALE 1:250

POINT	EASTING	NORTHING	LEVEL
3001	58441.058	861340.025	49.950*
3002	58436.098	861338.337	50.010*
3003	58432.735	861335.384	50.130*
3004	58430.634	861331.434	50.260*
3005	58430.131	861326.218	50.310*
3006	58426.049	861361.282	50.200*
3007	58427.737	861356.321	50.170*
3008	58430.689	861352.959	50.090*
3009	58434.640	861350.858	50.000*
3010	58439.856	861350.355	49.950*



ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

Benjamin Cook
BENJAMIN COOK (No. 4535) 24.03.2025
DATE

I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

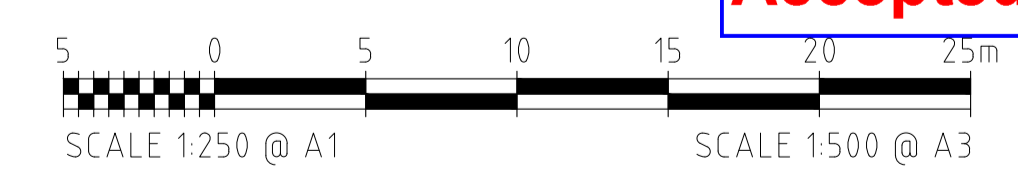
Brett Langtree
BRETT LANGTREE (RPEQ No. 11932) 24.03.2025
DATE

EARTHWORKS LEGEND:

- AS BUILT MINOR CONTOUR
- AS BUILT MAJOR CONTOUR
- × SPT LVL FINISHED EARTHWORK SURVEY PICKUP POINTS
- AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY

POINT	EASTING	NORTHING	LEVEL
4001	58582.906	861332.502	49.520*
4002	58587.815	861332.651	49.490*
4003	58592.413	861334.378	49.360*
4004	58598.153	861335.259	49.320*
4005	58602.977	861332.025	49.280*
4006	58604.342	861326.381	49.290*
4007	58601.529	861321.300	49.320*
4008	58596.021	861319.460	49.330*
4009	58590.720	861321.831	49.390*
4010	58586.744	861324.715	49.480*
4011	58582.051	861326.160	49.530*

Accepted As Constructed
Accepted As Constructed



AS CONSTRUCTED
10TH MARCH 2025

REFER TO DRAWING C001 FOR GENERAL LEGEND

REVISONS	No.	BY	DATE	DESCRIPTION	HORIZ. DATUM	MT MARGARET GRID	CERTIFICATION
					VERT. DATUM	AHD	
	1	JC	21.03.25	AS CONSTRUCTED - CONTOUR LABELS ADDED	DRG. FILE	0944	DATE
	0	MV	10.03.25	AS CONSTRUCTED	DESIGN	BL	NOV '23
	B	BL	21.11.23	FOR APPROVAL - TABLE DRAIN HEIGHTS ADDED	DRAWN	CBP	NOV '23
	A	BL	06.11.23	FOR APPROVAL	COPYRIGHT ©		

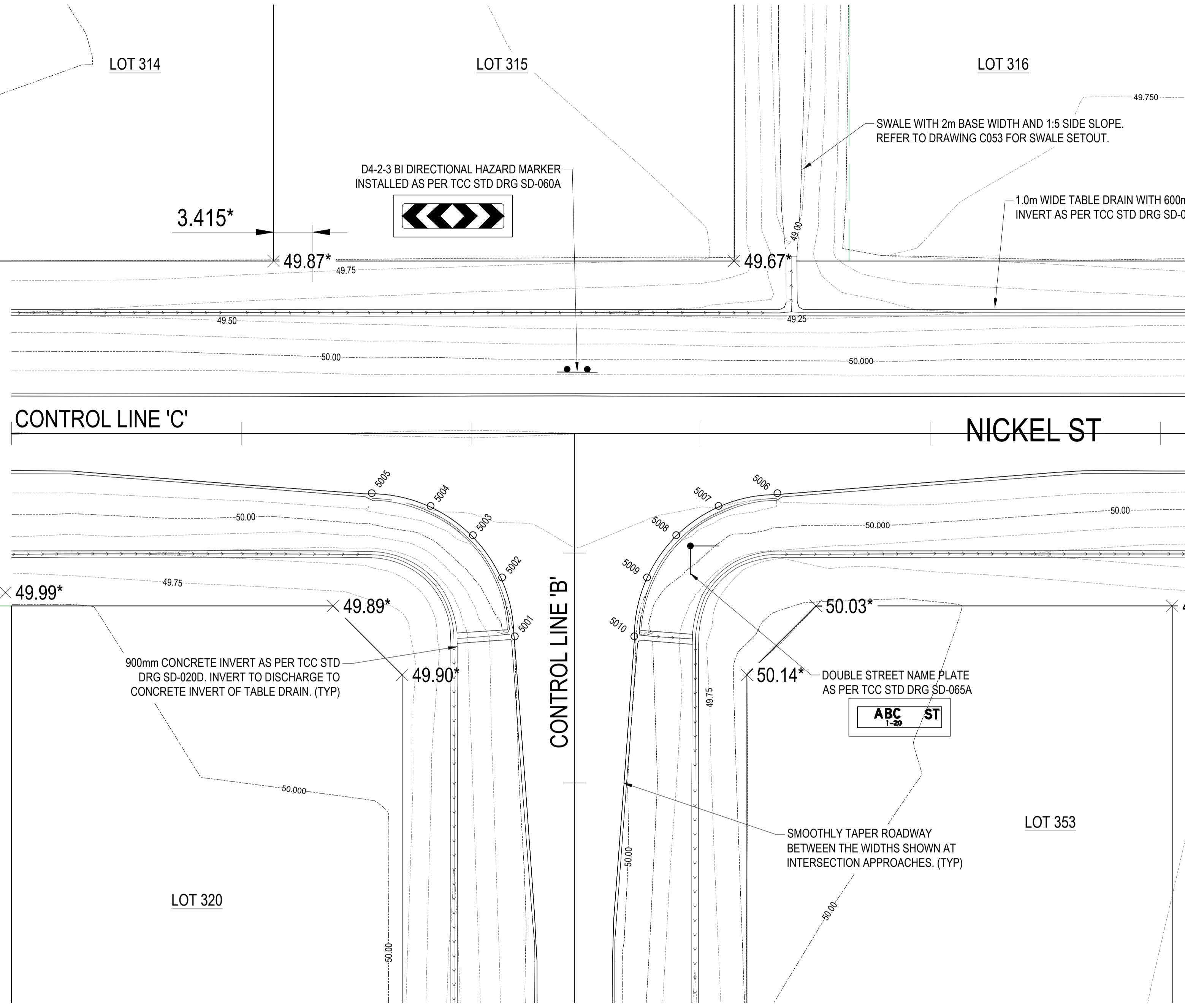
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e brett@langtreeconsulting.com.au

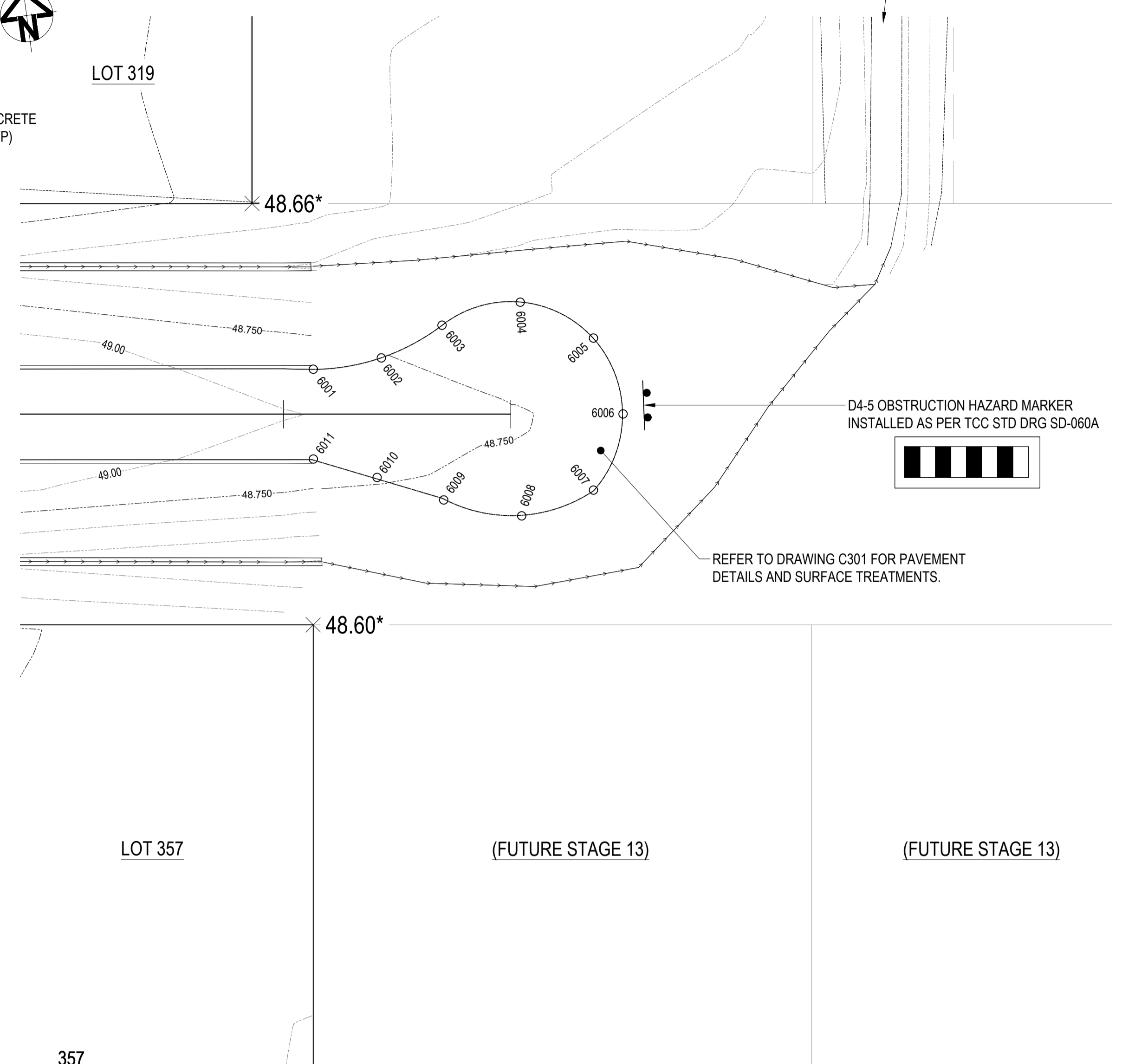
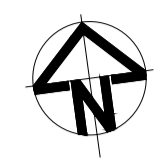
MT MARGARET ESTATE STAGE 11 - OPERATIONAL WORKS

NICKEL STREET
ALICE RIVER, QLD, 4817
INTERSECTION SETOUT DETAILS SHEET 2

SCALE	AS SHOWN			
SHEET	11 OF 18			
REVISION	A	B	0	1
DRG No.	0944 -AC- C072			

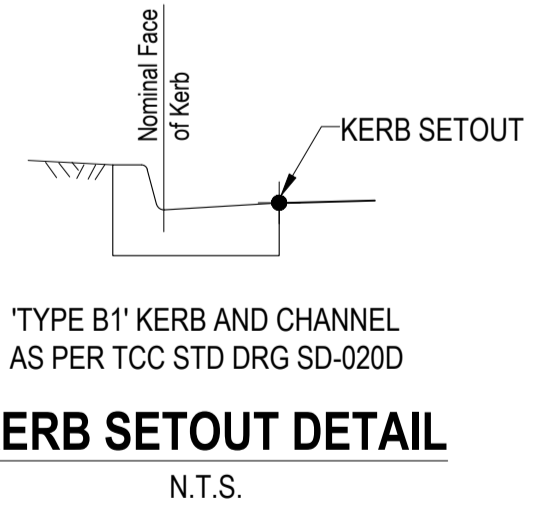


INTERSECTION SETOUT - TROMMEL ST AND NICKEL ST
SCALE 1:250



TEMPORARY CULDESAC SETOUT - NICKEL ST
SCALE 1:250

POINT	EASTING	NORTHING	LEVEL
5001	58422.329	861524.866	50.000*
5002	58421.921	861530.090	50.060*
5003	58419.893	861534.078	50.160*
5004	58416.585	861537.091	50.270*
5005	58411.656	861538.869	50.320*
5006	58446.639	861534.147	50.290*
5007	58441.415	861533.740	50.260*
5008	58437.427	861531.711	50.160*
5009	58434.413	861528.404	50.050*
5010	58432.635	861523.475	50.020*



ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

Benjamin Cook
BENJAMIN COOK (No. 4535) DATE 24.03.2025

I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

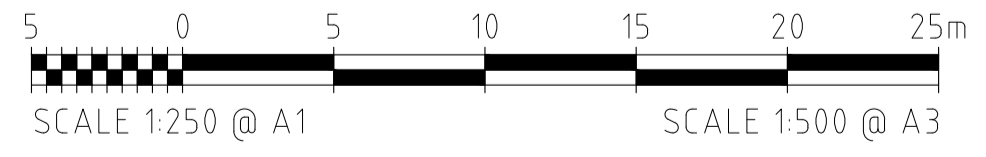
Brett Langtree
BRETT LANGTREE (RPEQ No. 11932) DATE 24.03.2025

EARTHWORKS LEGEND:

- AS BUILT MINOR CONTOUR
- AS BUILT MAJOR CONTOUR
- × SPT LVL FINISHED EARTHWORK SURVEY PICKUP POINTS
- AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY

POINT	EASTING	NORTHING	LEVEL
6001	58621.661	861518.999	48.880*
6002	58626.572	861519.149	48.760*
6003	58631.171	861520.876	48.650*
6004	58636.911	861521.758	48.500*
6005	58641.735	861518.525	48.550*
6006	58643.102	861512.890	48.600*
6007	58640.290	861507.800	48.580*
6008	58634.782	861505.959	48.570*
6009	58629.480	861508.329	48.660*
6010	58625.504	861511.212	48.819*
6011	58620.812	861512.656	48.880*

Accepted As Constructed
Accepted As Constructed



AS CONSTRUCTED
10TH MARCH 2025

REFER TO DRAWING C001 FOR GENERAL LEGEND

REVISIONS	No.	BY	DATE	DESCRIPTION
	1	JC	21.03.25	AS CONSTRUCTED - CONTOUR LABELS ADDED
	0	MV	10.03.25	AS CONSTRUCTED
	B	BL	21.11.23	FOR APPROVAL - TABLE DRAIN HEIGHTS ADDED
	A	BL	06.11.23	FOR APPROVAL

HORIZ. DATUM	MT MARGARET GRID	CERTIFICATION
VERT. DATUM	AHD	
DRG. FILE	0944	DATE
DESIGN	BL	NOV '23
DRAWN	CBP	NOV '23

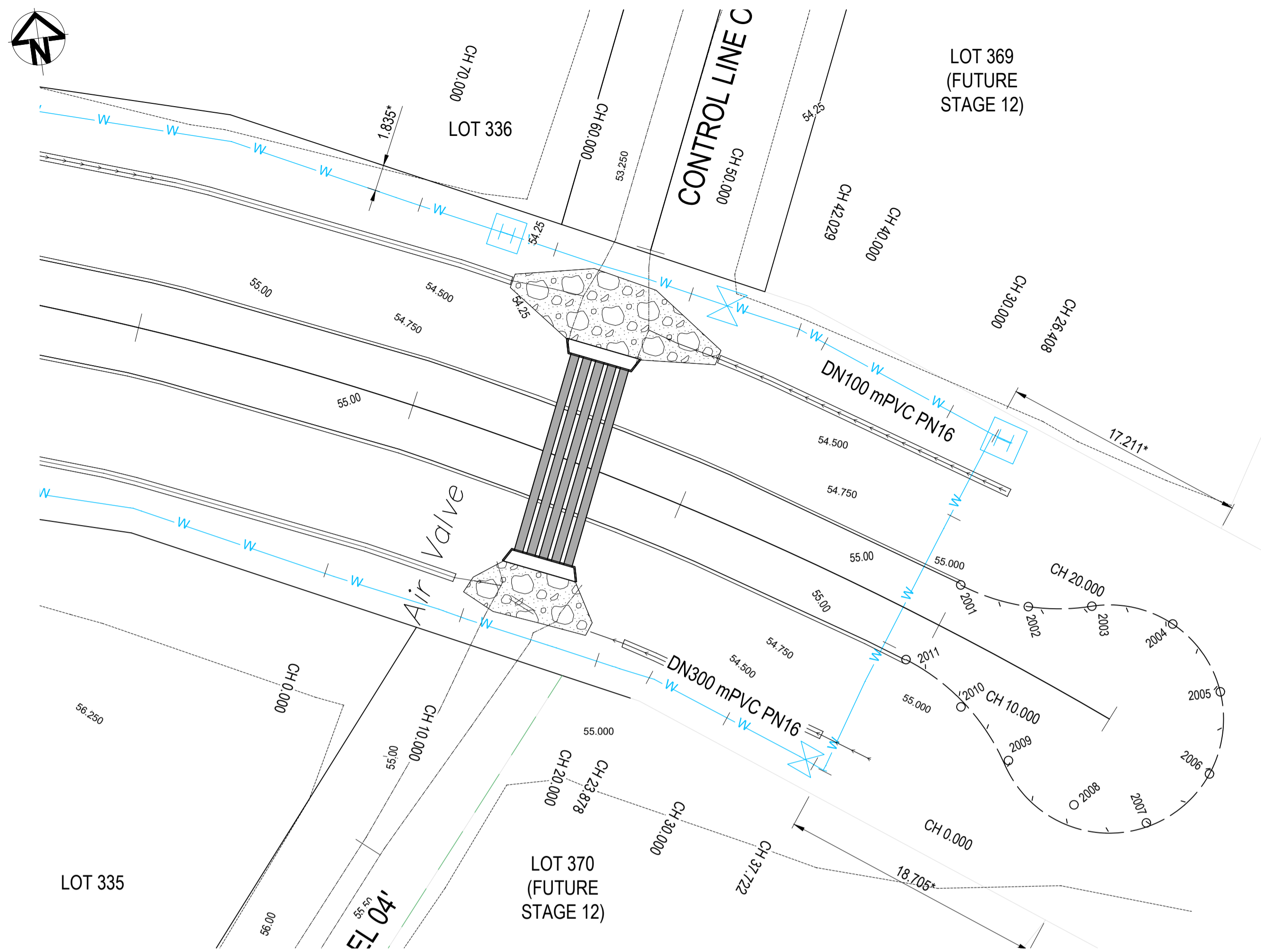
m 0400 699 979
e brett@langtreeconsulting.com.au

MT MARGARET ESTATE STAGE 11 - OPERATIONAL WORKS

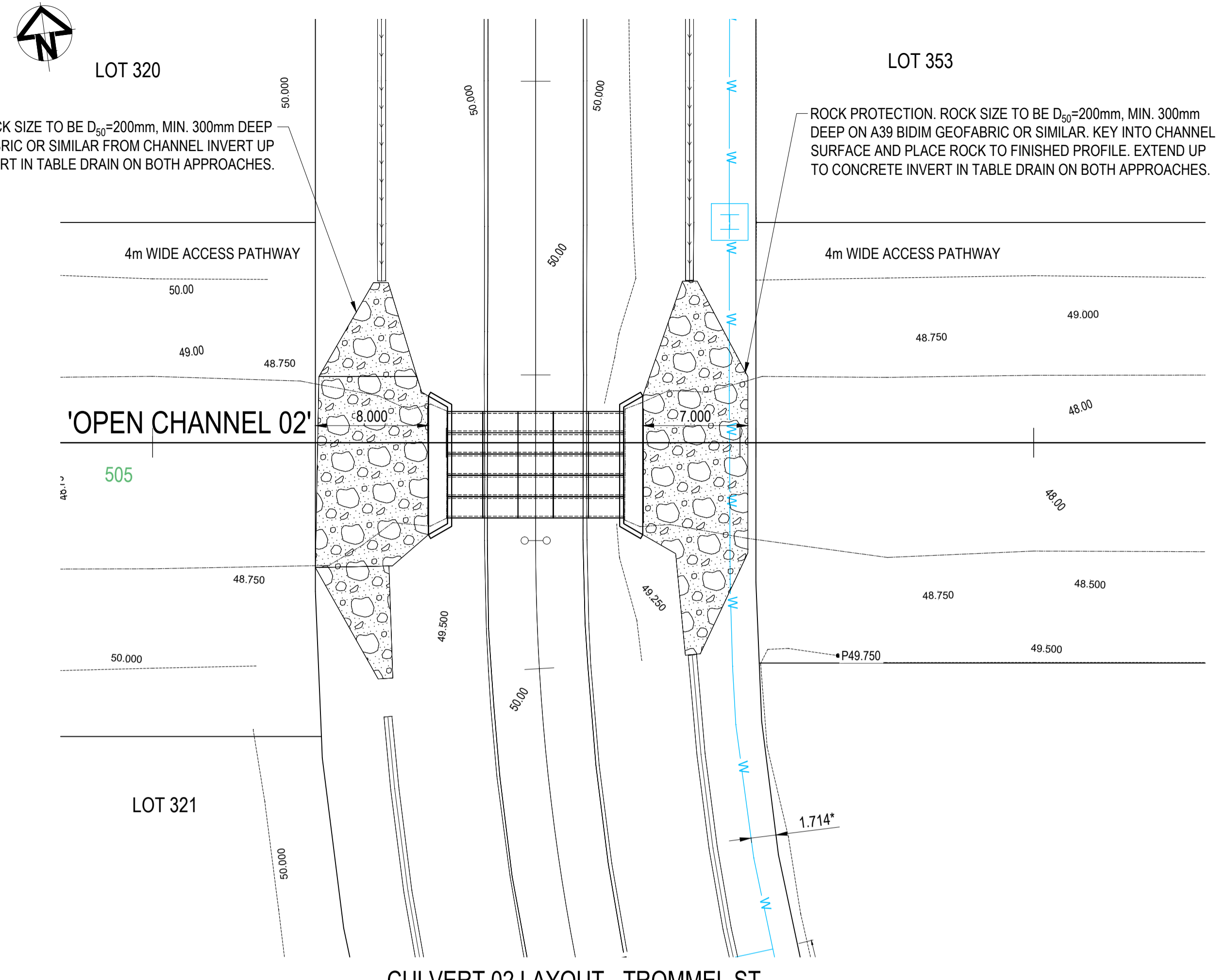
NICKEL STREET
ALICE RIVER, QLD, 4817

INTERSECTION SETOUT DETAILS SHEET 3

SCALE	AS SHOWN
SHEET	12 OF 18
REVISION	A B 0 1
DRG No.	0944 -AC- C073



CULVERT 01 LAYOUT - DIAMOND DR
SCALE 1:250



CULVERT 02 LAYOUT - TROMMEL ST
SCALE 1:250

ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

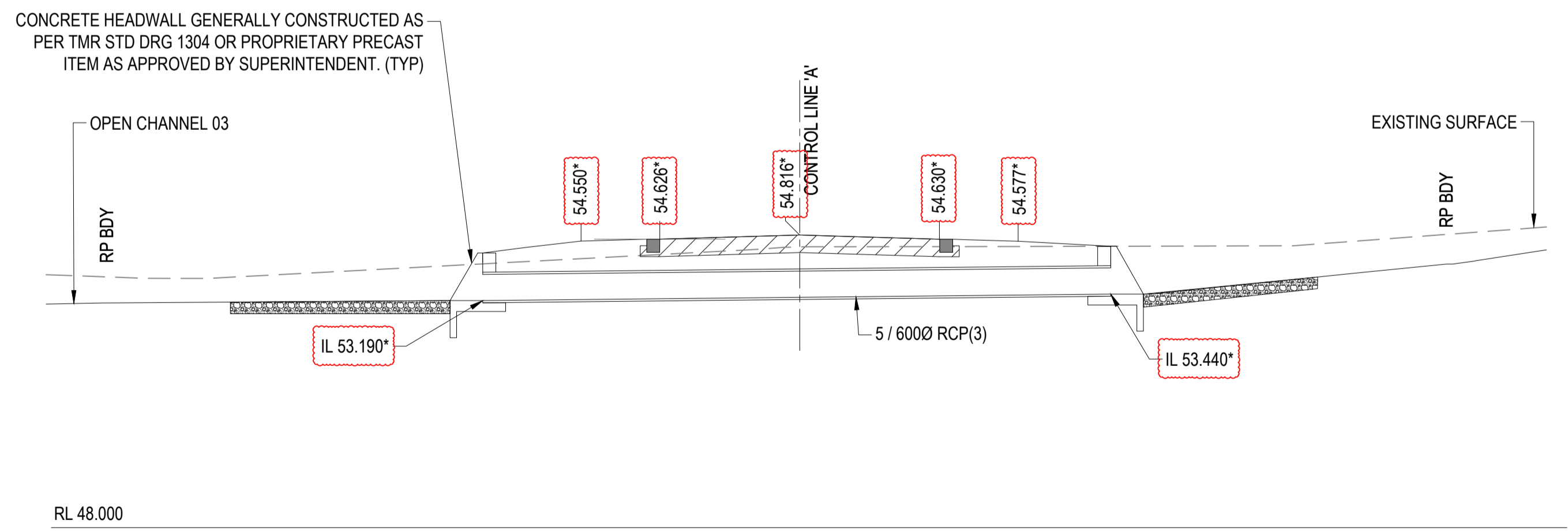
BAC
BENJAMIN COOK (No. 4535) 24.03.2025 DATE

I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

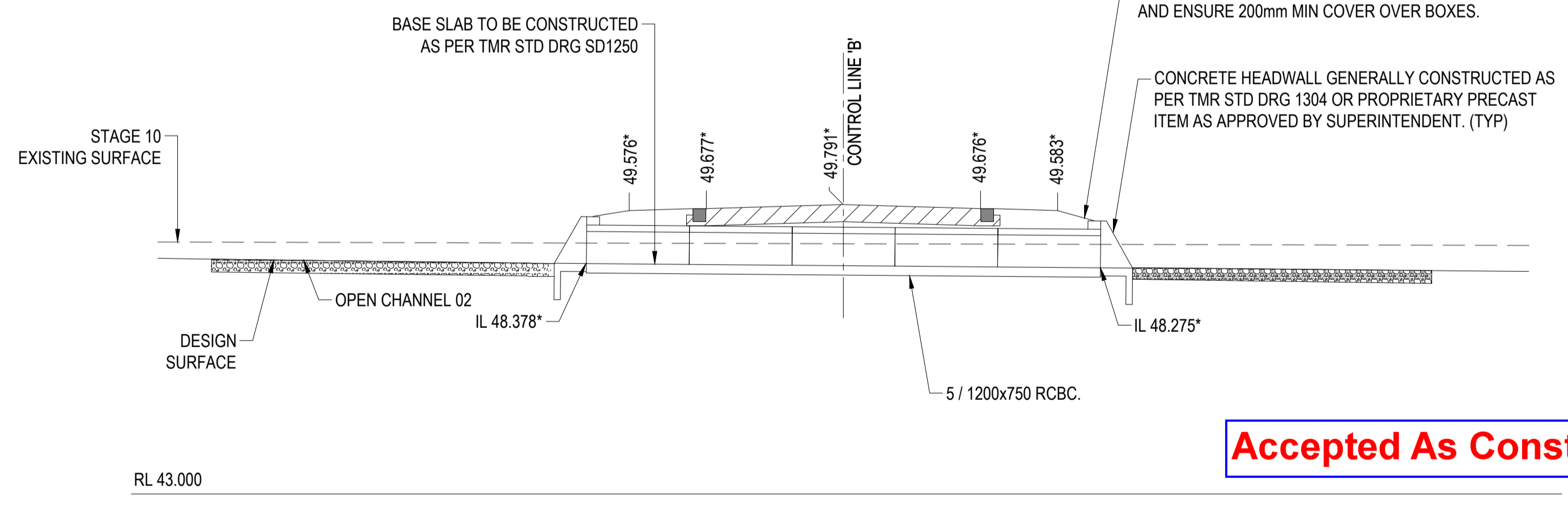
B. Langtree
BRETT LANGTREE (RPEQ No. 11932) 24.03.2025 DATE

EARTHWORKS LEGEND:

- AS BUILT MINOR CONTOUR
- AS BUILT MAJOR CONTOUR
- × SPT LVL FINISHED EARTHWORK SURVEY PICKUP POINTS
- AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY



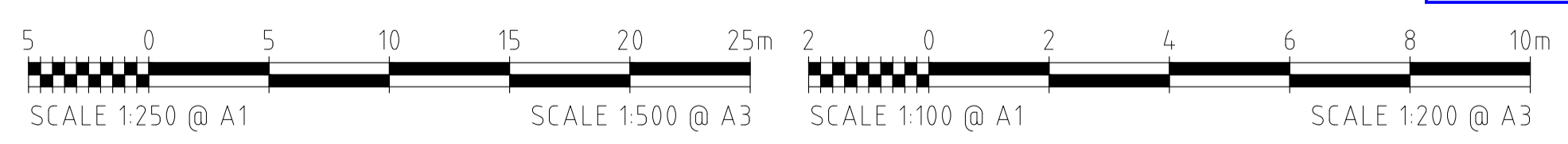
CULVERT 01 LONGITUDINAL SECTION - DIAMOND DR
SCALE 1:100



CULVERT 02 LONGITUDINAL SECTION - TROMMEL ST
SCALE 1:100

Accepted As Constructed

Accepted As Constructed



REFER TO DRAWING C001 FOR GENERAL LEGEND

REVISIONS	No.	BY	DATE	DESCRIPTION	HORIZ. DATUM	MT MARGARET GRID	CERTIFICATION
	1	JC	21.03.25	AS CONSTRUCTED - CONTOUR LABELS AND SPT LVLS			
	0	MV	10.03.25	AS CONSTRUCTED			
	B	BL	21.11.23	FOR APPROVAL - PIPE CLASS / ROCK PROTECTION UPDATED	DRG. FILE	0944	DATE
	A	BL	06.11.23	FOR APPROVAL	DESIGN	BL	NOV '23
					DRAWN	CBP	NOV '23

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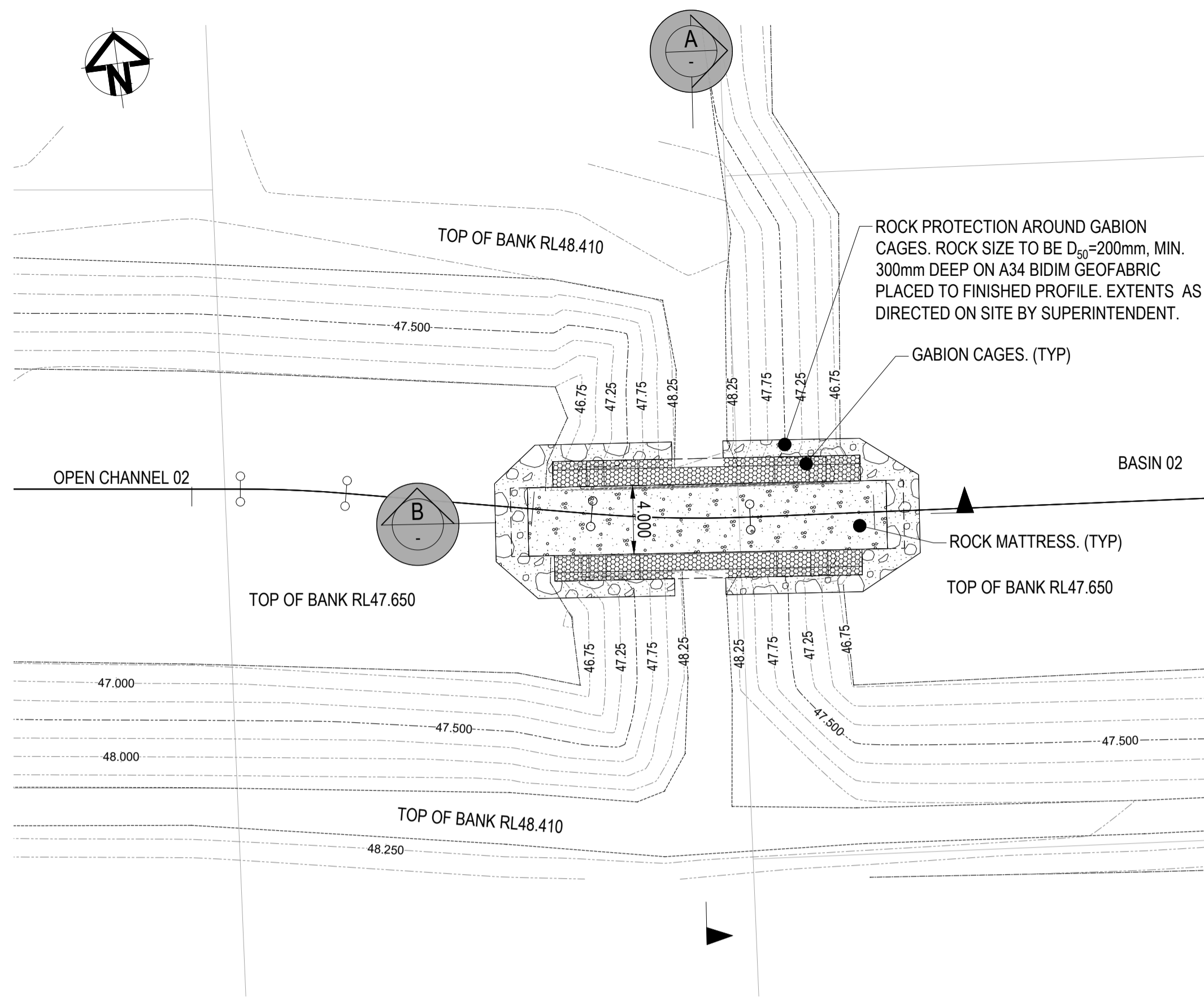
m 0400 699 979
e brett@langtreeconsulting.com.au

MT MARGARET ESTATE STAGE 11 - OPERATIONAL WORKS

NICKEL STREET
ALICE RIVER, QLD, 4817

CULVERT LAYOUT AND LONGITUDINAL SECTIONS

AS CONSTRUCTED	
10TH MARCH 2025	
SCALE	AS SHOWN
SHEET	13 OF 18
REVISION	A B 0 1
DRG No.	0944 -AC- C401



OPEN CHANNEL 02 OUTLET TO BASIN 2 LAYOUT
SCALE 1:250

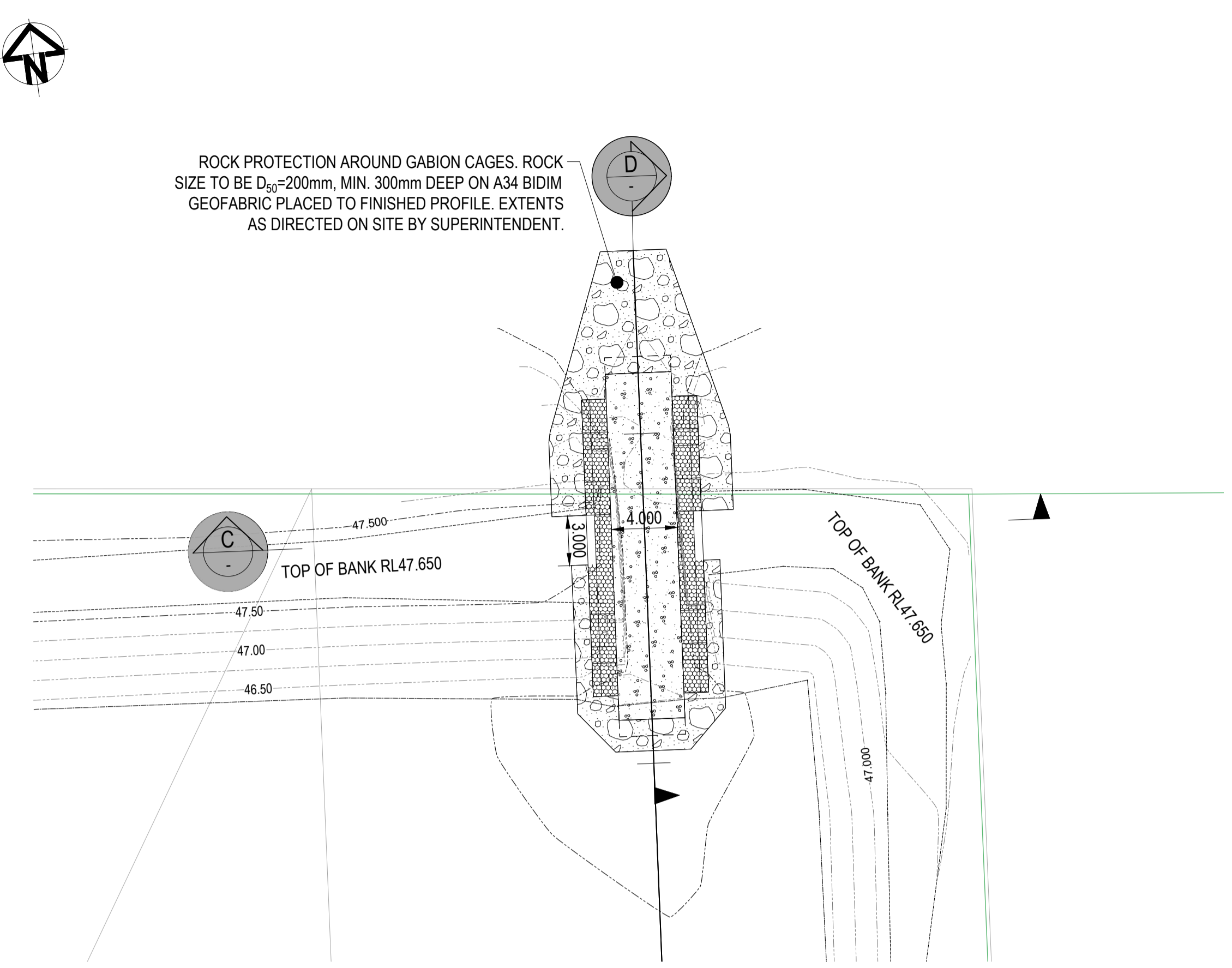
- EARTHWORKS LEGEND:**
- AS BUILT MINOR CONTOUR
 - AS BUILT MAJOR CONTOUR
 - × SPT LVL FINISHED EARTHWORK SURVEY PICKUP POINTS
 - AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY

ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

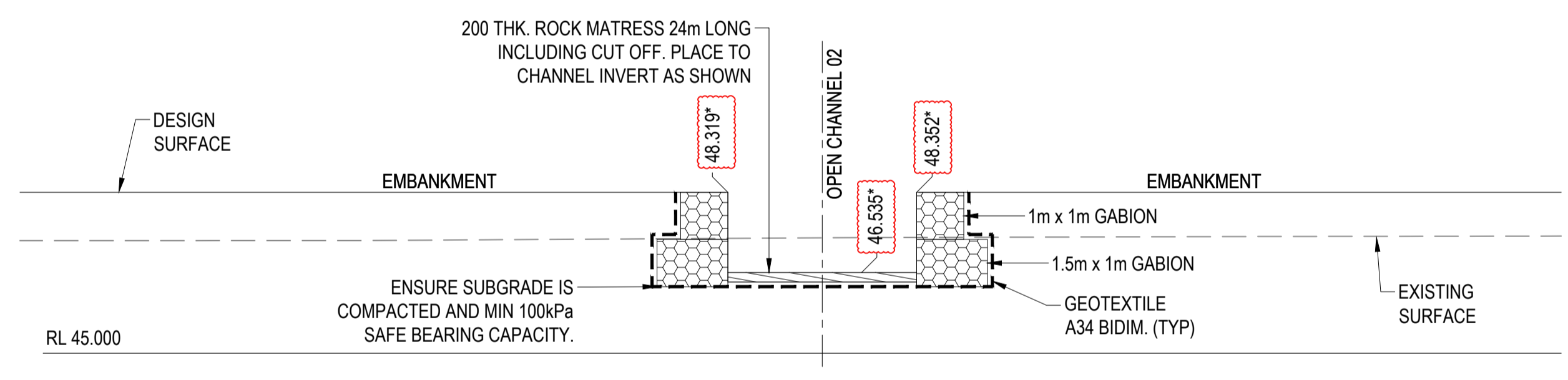
BKC 24.03.2025
BENJAMIN COOK (No. 4535) DATE

I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

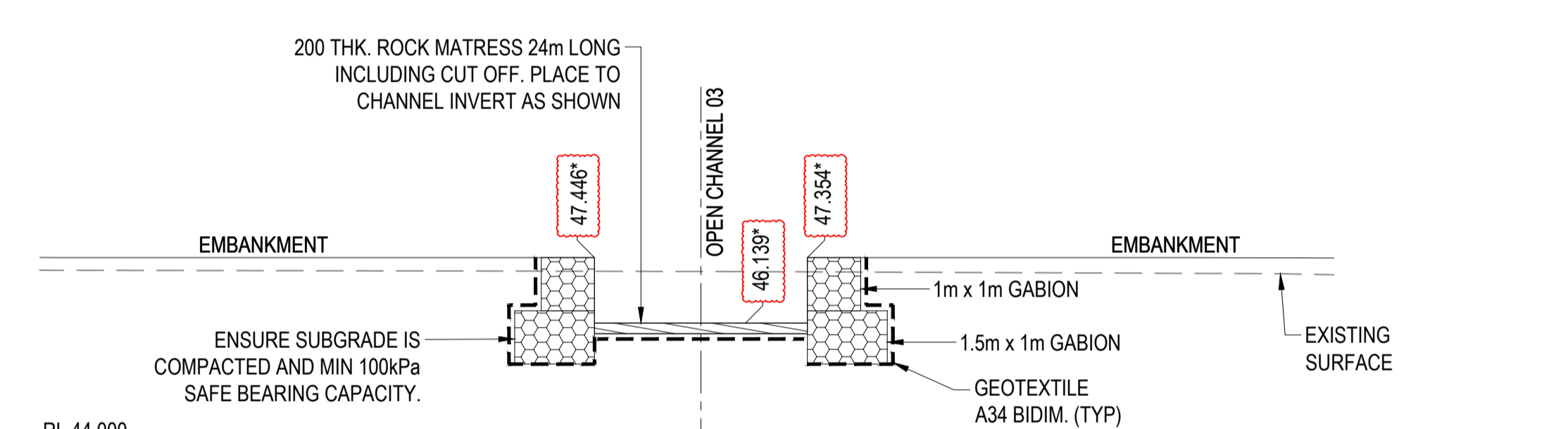
B. Langtree 24.03.2025
BRETT LANGTREE (RPEQ No. 11932) DATE



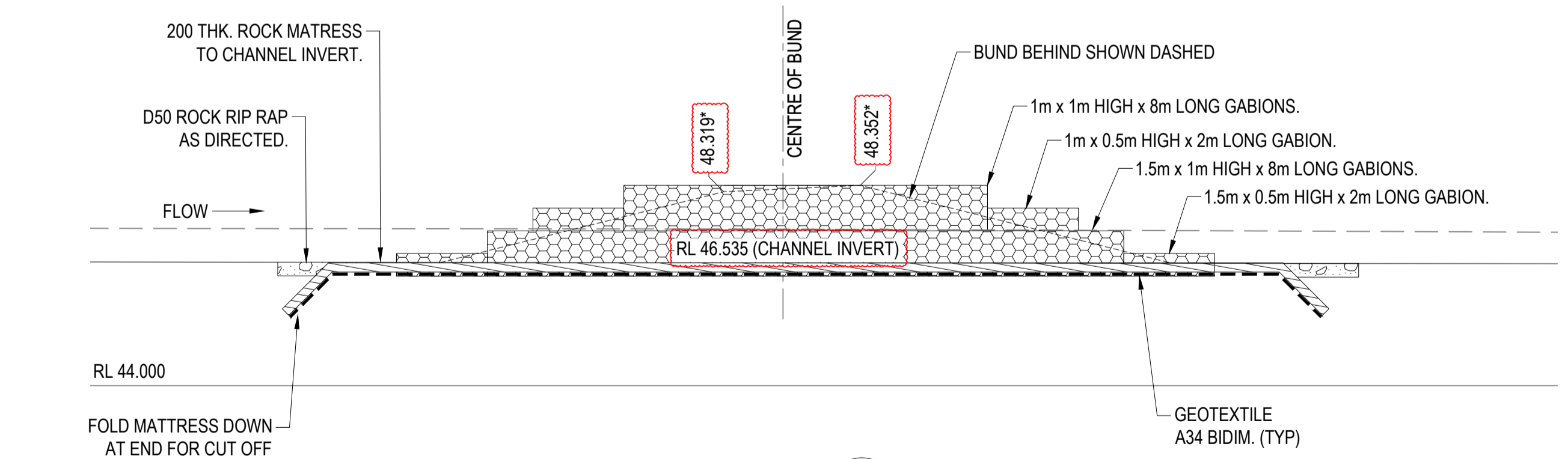
OUTLET TO EXISTING DRAINAGE CHANNEL LAYOUT
SCALE 1:250



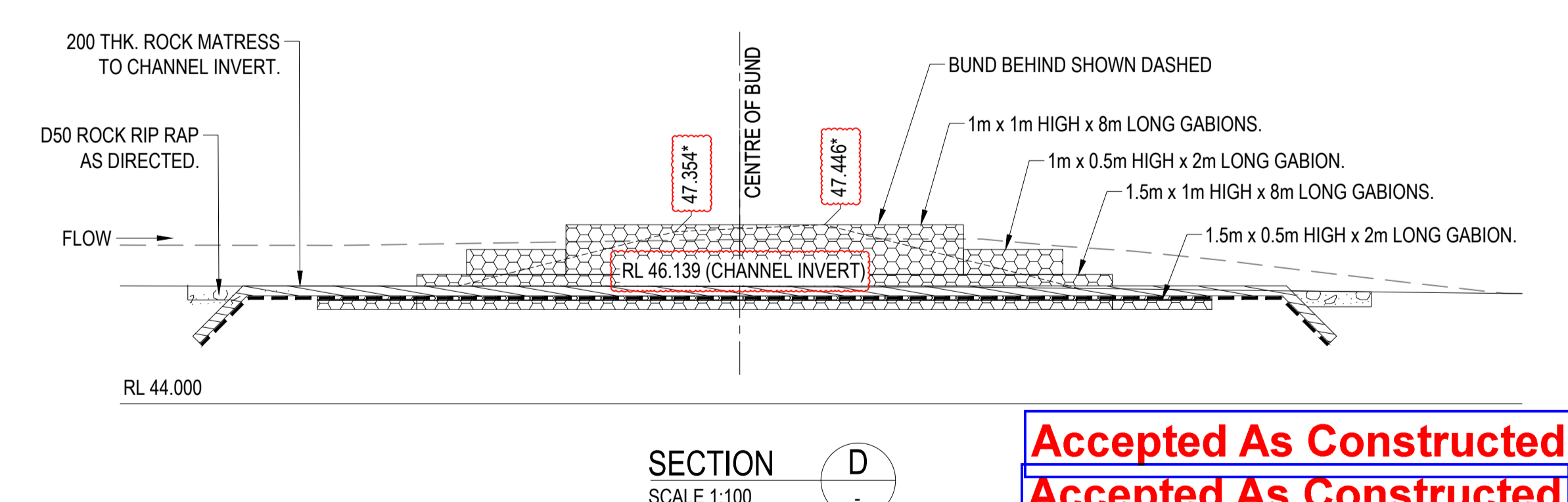
SECTION A
SCALE 1:100



SECTION C
SCALE 1:100

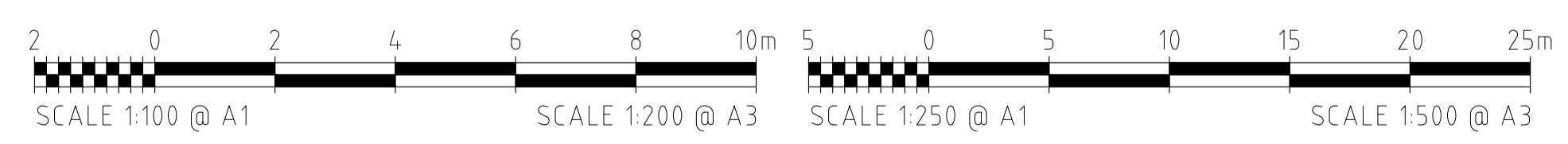


SECTION B
SCALE 1:100



SECTION D
SCALE 1:100

Accepted As Constructed
Accepted As Constructed



REFER TO DRAWING C001 FOR GENERAL LEGEND

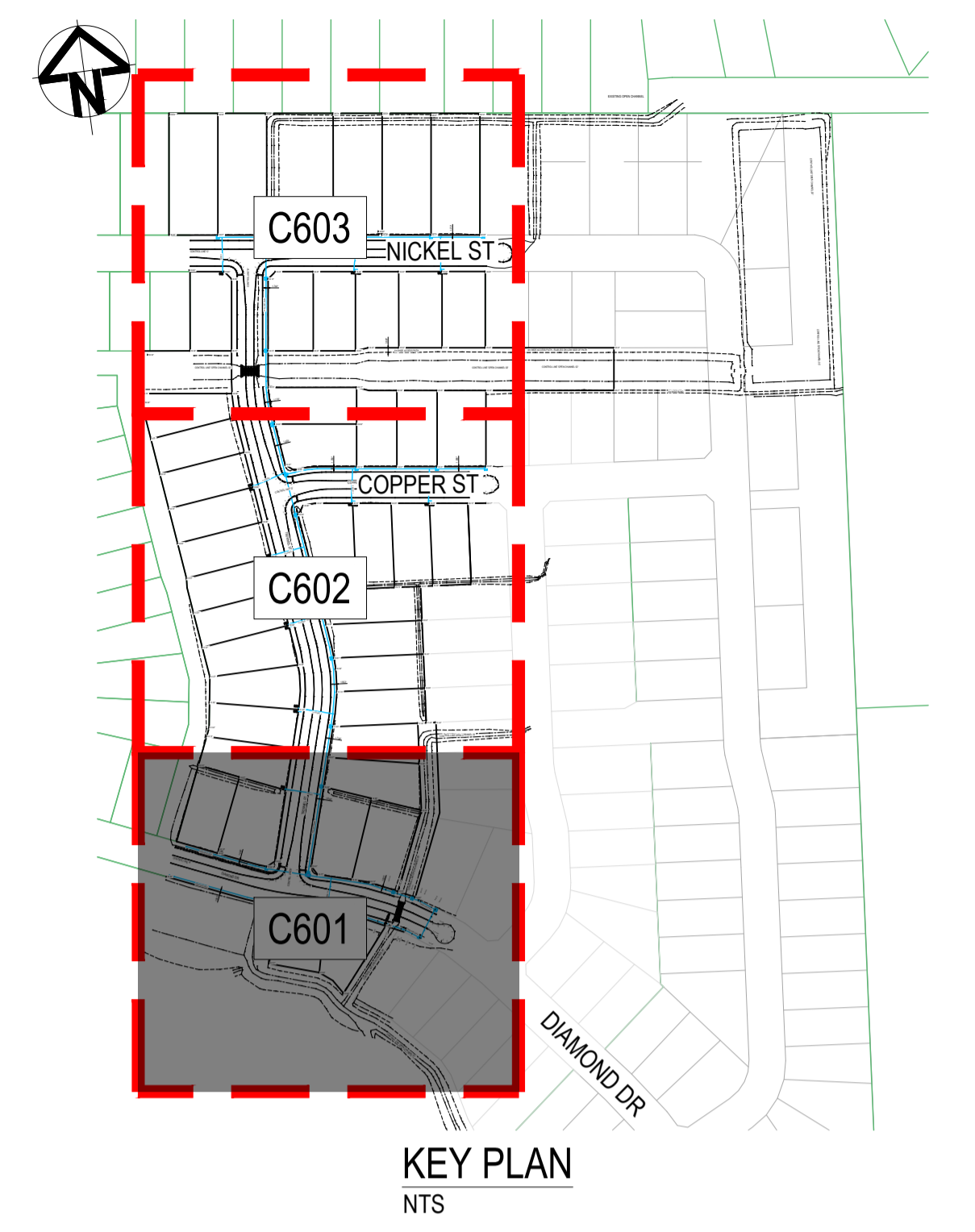
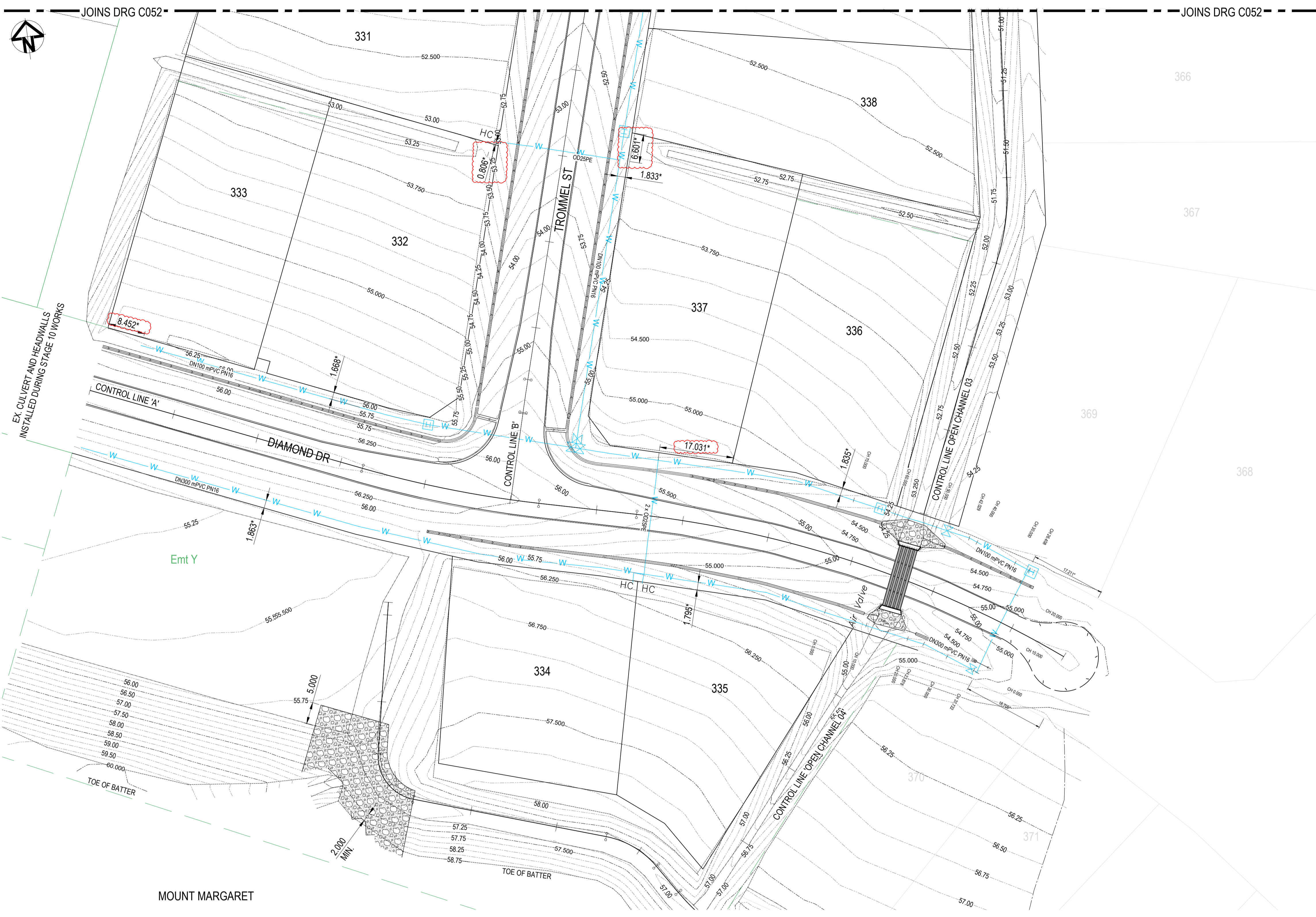
REVISIONS	No.	BY	DATE	DESCRIPTION	HORIZ. DATUM	MT MARGARET GRID	CERTIFICATION
	1	JC	21.03.25	AS CONSTRUCTED - CONTOUR LABELS AND SPOT LEVELS			
	0	MV	10.03.25	AS CONSTRUCTED			
	C	BL	05.07.24	FOR APPROVAL - LAYOUT AND DETAILS AMENDED			
	B	BL	04.06.24	FOR APPROVAL - GABION SIZES AMENDED			
	A	BL	06.11.23	FOR APPROVAL			
	No.	BY	DATE	DESCRIPTION	DRAWN	CBP	NOV '23

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e brett@langtreeconsulting.com.au

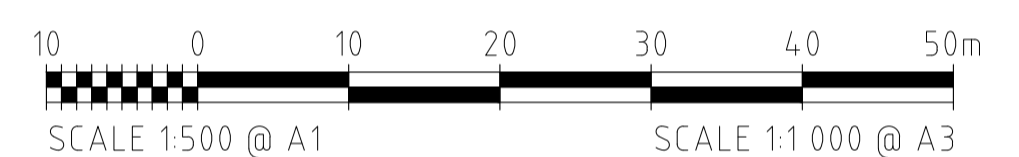
MT MARGARET ESTATE STAGE 11 - OPERATIONAL WORKS
NICKEL STREET
ALICE RIVER, QLD, 4817
DRAINAGE DETAILS

AS CONSTRUCTED	
10TH MARCH 2025	
SCALE	AS SHOWN
SHEET	14 OF 18
REVISION	A B C 0 1
DRG No.	0944 -AC- C402



Accepted As Constructed

AS CONSTRUCTED
10TH MARCH 2025



CERTIFICATION

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**MT MARGARET ESTATE STAGE 11
-OPERATIONAL WORKS**

**NICKEL STREET
ALICE RIVER, QLD, 4817
WATER LAYOUT PLAN SHEET 1**

ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

Benjamin Cook 24.03.2025
BENJAMIN COOK (No. 4535) DATE

I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

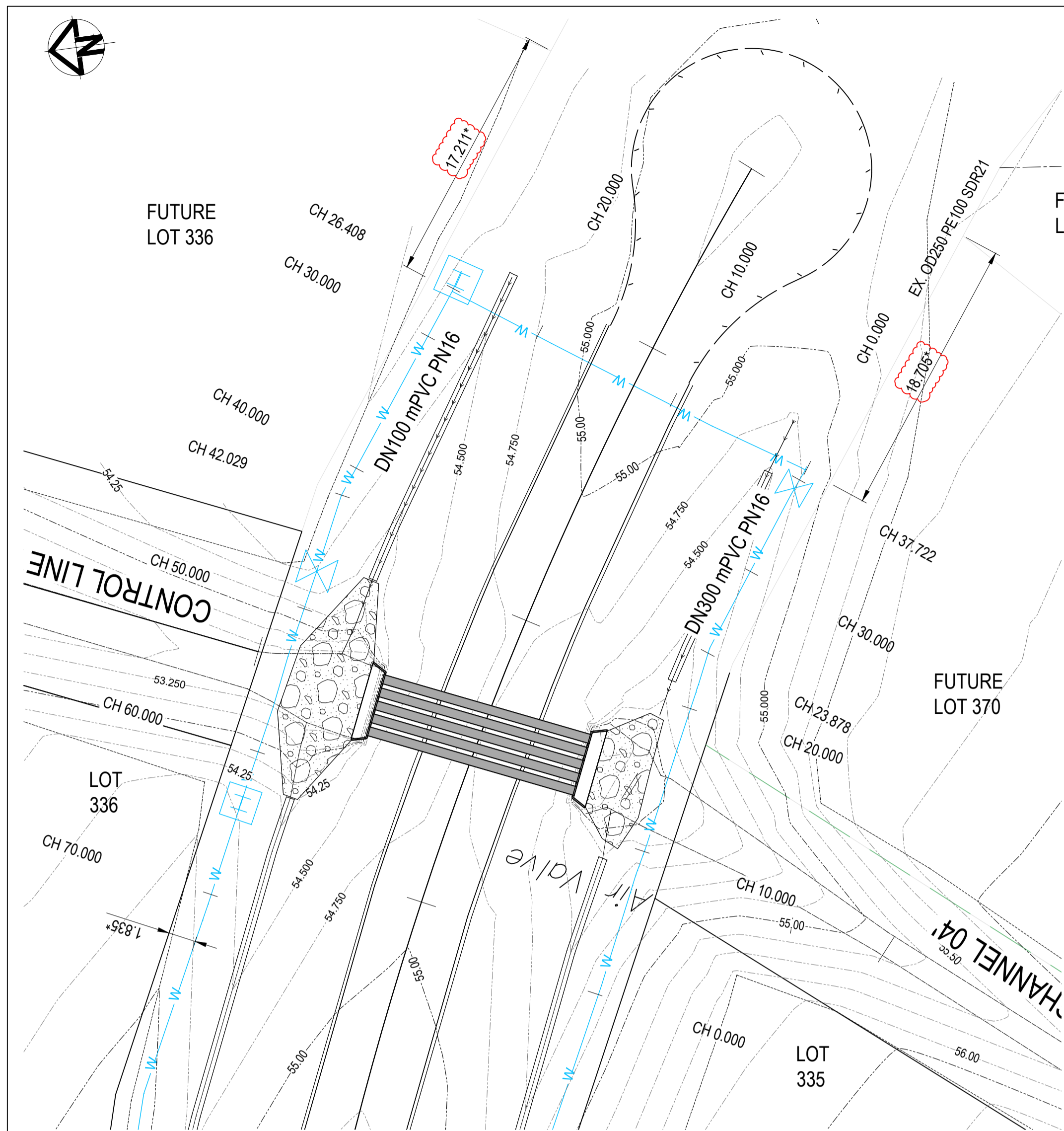
Brett Langtree 24.03.2025
BRETT LANGTREE (RPEQ No. 11932) DATE

- EARTHWORKS LEGEND:**
- WATER MAIN
 - AS BUILT ROAD ASPHALT OUTSIDE BOUNDARY
 - FIRE HYDRANT
 - SLUICE VALVE
 - WATER SERVICE

REVISIONS			
No.	BY	DATE	DESCRIPTION
1	JC	21.03.25	AS CONSTRUCTED - CONTOUR LABELS AND CALLOUTS
0	MV	10.03.25	AS CONSTRUCTED

HORIZ. DATUM	MT MARGARET GRID	SCALE	AS SHOWN
VERT. DATUM	AHD	SHEET	15 OF 18
DRG. FILE	0944	DATE	REVISION
DESIGN	BL	NOV '23	0 1
DRAWN	CBP	NOV '23	DRG No. 0944 -AC- C601

REFER TO DRAWING C001 FOR GENERAL LEGEND



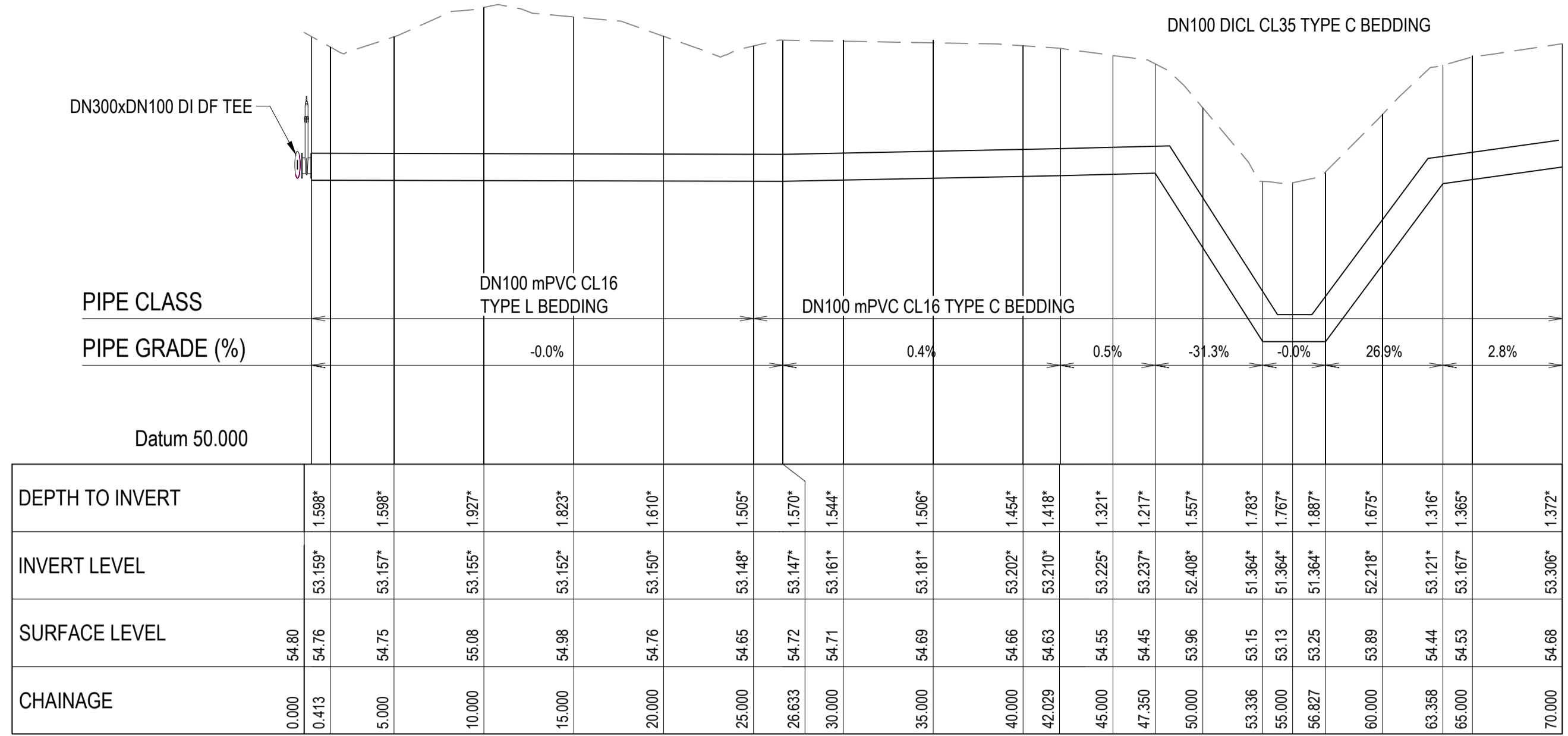
WATER LAYOUT AT CULVERT CROSSING
SCALE 1:250

ROWLANDS SURVEYS PTY LTD, DO HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS DEPICTED BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED.

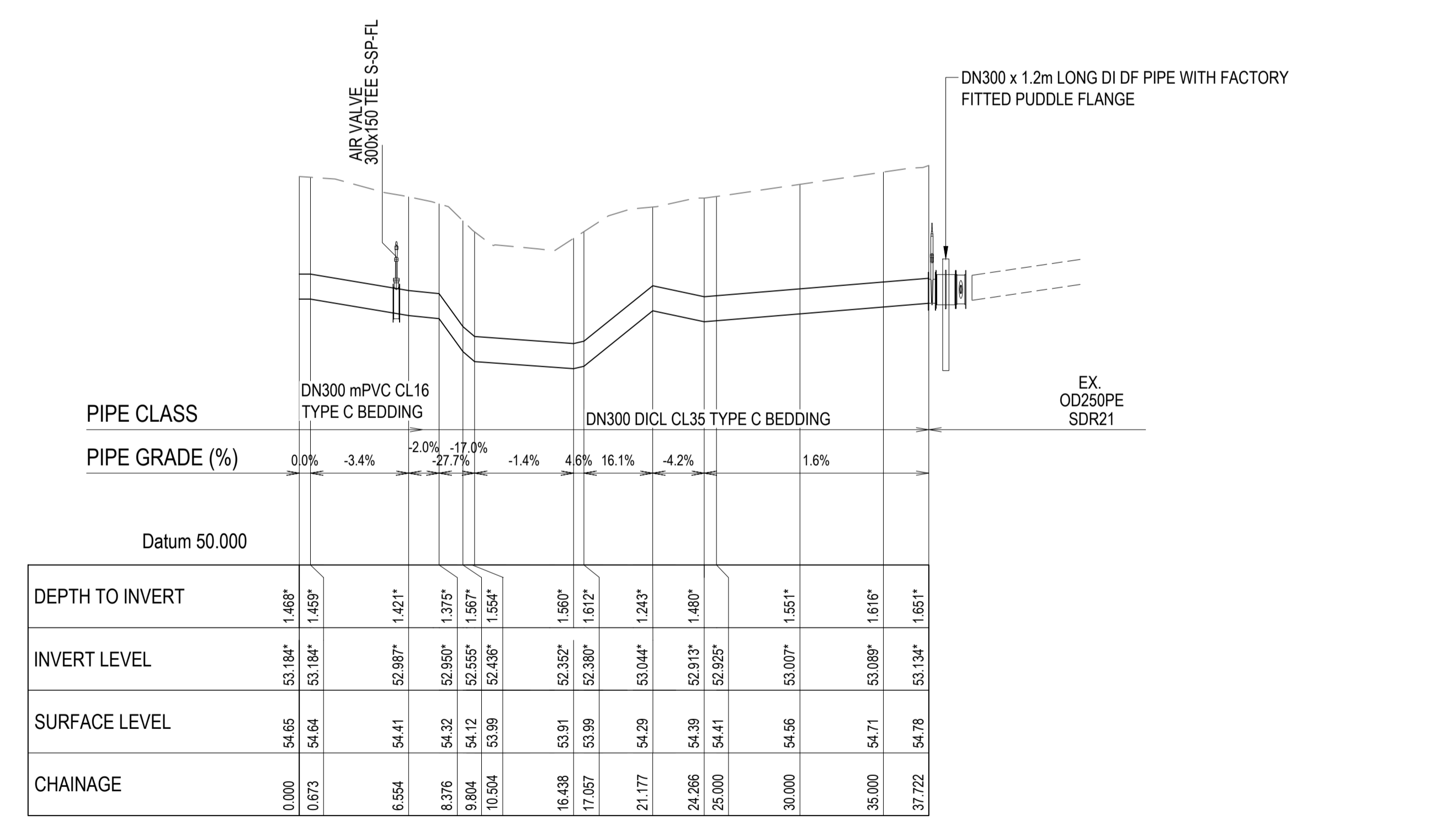
Benjamin Cook
BENJAMIN COOK (No. 4535) 24.03.2025
DATE

I, BRETT LANGTREE OF LANGTREE CONSULTING PTY LTD, HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE AS CONSTRUCTED DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

Brett Langtree
BRETT LANGTREE (RPEQ No. 11932) 24.03.2025
DATE

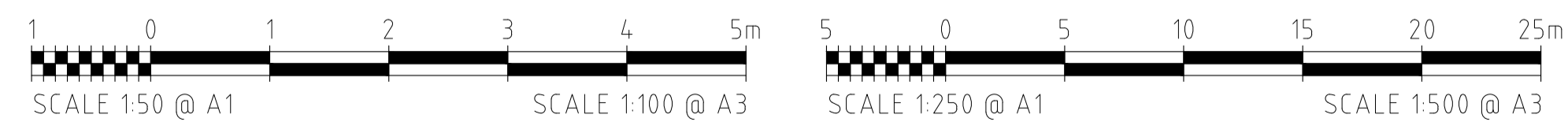


LONGITUDINAL SECTION - DN100 WATER MAIN
SCALE 1:250H 1:50V



LONGITUDINAL SECTION - DN300 WATER MAIN
SCALE 1:250H 1:50V

Accepted As Constructed



AS CONSTRUCTED
10TH MARCH 2025

REFER TO DRAWING C001 FOR GENERAL LEGEND

REVISIONS	No.	BY	DATE	DESCRIPTION	HORIZ. DATUM	MT MARGARET GRID	CERTIFICATION
					VERT. DATUM	AHD	
1	JC	21.03.25		AS CONSTRUCTED - CONTOUR LABELS	DRG. FILE	0944	COPYRIGHT ©
0	MV	10.03.25		AS CONSTRUCTED	DESIGN	BL	NOV '23
A	BL	21.11.23		FOR APPROVAL	DRAWN	CBP	NOV '23

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e brett@langtreeconsulting.com.au

MT MARGARET ESTATE STAGE 11 - OPERATIONAL WORKS
NICKEL STREET
ALICE RIVER, QLD, 4817
WATER CROSSING DETAILS

SCALE	AS SHOWN
SHEET	18 OF 18
REVISION	A 0 1
DRG No.	0944 -AC- C604