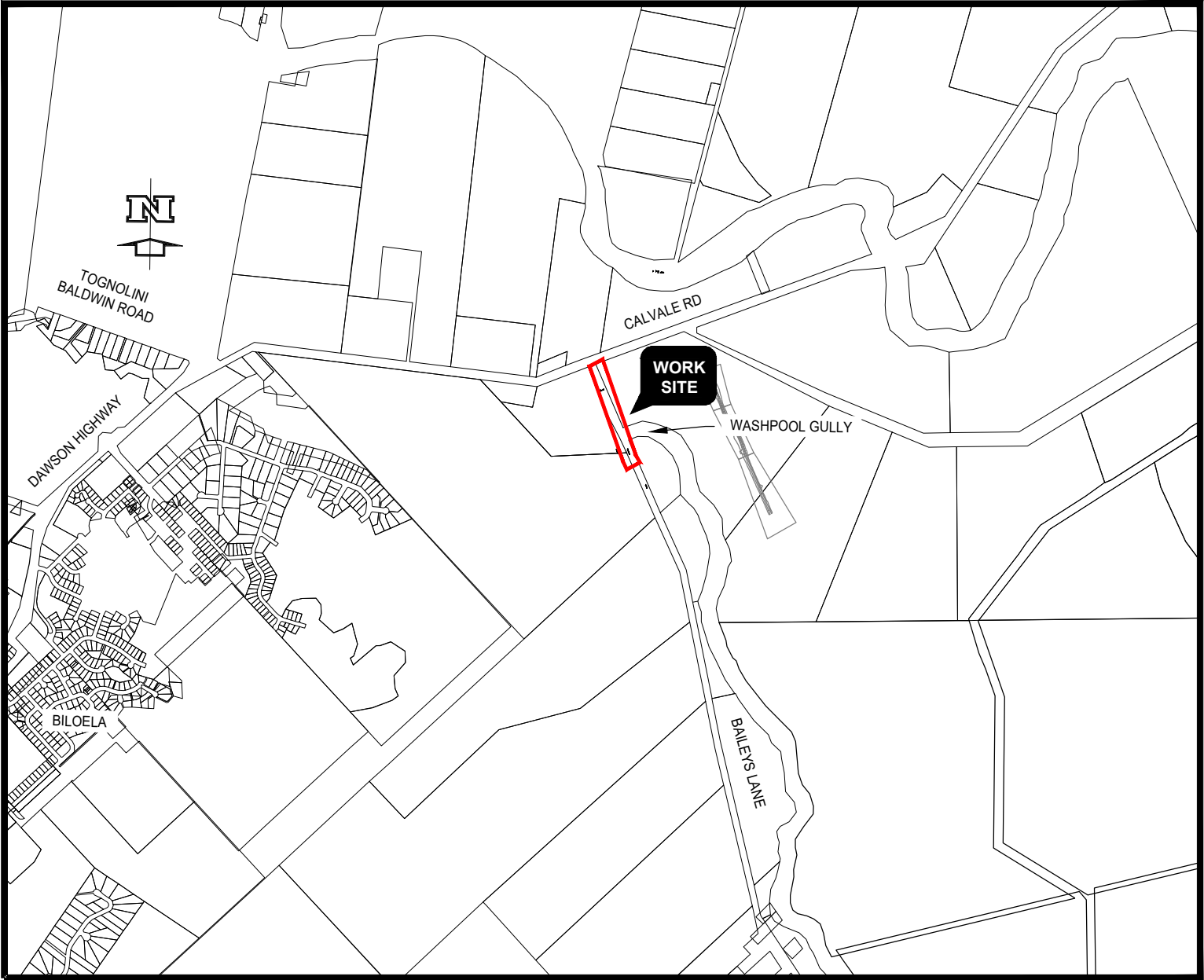


BAILEYS LANE, BILOELA , CH4285 - CH4960
PAVEMENT WIDENING & DRAINAGE UPGRADE
IDP ID NO. 22/23 0113-0019-9005

NO WORK IS SO
IMPORTANT THAT
IT CANNOT BE
DONE SAFELY

DRAWING INDEX




LOCALITY PLAN
NTS

*** WARNING ***

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FOR CONSTRUCTION

SHEET NO.	DRAWING NO.	DRAWING TITLE
1	0113-0019-9005-001	LOCALITY PLAN AND DRAWING INDEX
2	0113-0019-9005-002	GENERAL ARRANGEMENT PLAN - CH.4285.0 TO CH.4610.0
3	0113-0019-9005-003	GENERAL ARRANGEMENT PLAN - CH.4610.0 TO CH.4960.0
4	0113-0019-9005-004	BAILEYS LANE CONTROL LINE SETOUT
5	0113-0019-9005-005	BAILEYS LANE CONTROL LINE SETOUT & SURVEY CONTROL SETOUT
6	0113-0019-9005-006	LONG SECTION-BAILEYS LANE - CH4560.0 TO CH4730.0
7	0113-0019-9005-007	LONG SECTION-BAILEYS LANE - CH4730.0 TO CH4800.0
8	0113-0019-9005-008	LONG SECTION & SETOUT DETAIL - PROPERTY ACCESSES 1 & 2
9	0113-0019-9005-009	LONG SECTION & SETOUT DETAIL - PROPERTY ACCESS 3
10	0113-0019-9005-010	TYPICAL SECTIONS & DETAILS
11	0113-0019-9005-011	PROPOSED PIPE CULVERTS PROFILES
12	0113-0019-9005-012	CROSS SECTIONS - CH.4283.35 TO CH4330
13	0113-0019-9005-013	CROSS SECTIONS - CH.4340 TO CH.4400
14	0113-0019-9005-014	CROSS SECTIONS - CH.4410 TO CH.4460
15	0113-0019-9005-015	CROSS SECTIONS - CH.4470 TO CH.4520
16	0113-0019-9005-016	CROSS SECTIONS - CH.4530 TO CH.4580
17	0113-0019-9005-017	CROSS SECTIONS - CH.4590 TO CH.4640
18	0113-0019-9005-018	CROSS SECTIONS - CH.4650 TO CH.4700
19	0113-0019-9005-019	CROSS SECTIONS - CH.4710 TO CH.4750
20	0113-0019-9005-020	CROSS SECTIONS - CH.4760 TO CH.4810
21	0113-0019-9005-021	CROSS SECTIONS - CH.4820 TO CH.4870
22	0113-0019-9005-022	CROSS SECTIONS - CH.4880 TO CH.4930
23	0113-0019-9005-023	CROSS SECTIONS - CH.4940 TO CH.4960
24	0113-0019-9005-024	REMOVED FROM SET
25	0113-0019-9005-025	REMOVED FROM SET
26	0113-0019-9005-026	REMOVED FROM SET
27	0113-0019-9005-027	REMOVED FROM SET
28	0113-0019-9005-028	REMOVED FROM SET
29	0113-0019-9005-029	PAVEMENT MARKING & SIGNAGE PLAN - CH.4290.0 TO CH.4620.0
30	0113-0019-9005-030	PAVEMENT MARKING & SIGNAGE PLAN - CH.4630.0 TO CH.4930.0
31	0113-0019-9005-031	SEDIMENT & EROSION CONTROL PLAN - CH.4285.0 TO CH.4630.0
32	0113-0019-9005-032	SEDIMENT & EROSION CONTROL PLAN - CH.4630.0 TO CH.4960.0
33	0113-0019-9005-033	SEDIMENT & EROSION CONTROL MEASURES

			M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960 LOCALITY PLAN & DRAWING INDEX				
1	ISSUE FOR CONSTRUCTION	14/09/2023	Drawn	MIW						
C	FOR REVIEW	23/06/2023	N.GARVEY	P. MEREDITH						
B	FOR REVIEW	17/02/2023	A/MTS	A/DIS RPEQ 15268						
A	FOR REVIEW	20/09/2022				Scale	Dwg. No.	Sheet	Issue	
No.	Revision	Date	General Notes:			AS SHOWN	0113-0019-9005-001	1 OF 33	1	

RS01 - BAILEY LANE CONTROL LINE SETOUT								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	4283.350	251461.554	7300455.345	178.333	336°09'53.79"	LINE		209.318
	4290.000	251458.867	7300461.428	178.317	336°09'53.79"			
	4300.000	251454.825	7300470.575	178.293	336°09'53.79"			
	4310.000	251450.784	7300479.722	178.268	336°09'53.79"			
	4320.000	251446.743	7300488.869	178.244	336°09'53.79"			
	4330.000	251442.702	7300498.017	178.220	336°09'53.79"			
	4340.000	251438.661	7300507.164	178.196	336°09'53.79"			
	4350.000	251434.620	7300516.311	178.172	336°09'53.79"			
	4360.000	251430.579	7300525.458	178.147	336°09'53.79"			
	4370.000	251426.538	7300534.605	178.123	336°09'53.79"			
	4380.000	251422.497	7300543.752	178.099	336°09'53.79"			
	4390.000	251418.456	7300552.899	178.075	336°09'53.79"			
	4400.000	251414.415	7300562.046	178.050	336°09'53.79"			
	4410.000	251410.374	7300571.194	178.026	336°09'53.79"			
	4420.000	251406.333	7300580.341	178.002	336°09'53.79"			
	4430.000	251402.292	7300589.488	177.978	336°09'53.79"			
	4440.000	251398.251	7300598.635	177.954	336°09'53.79"			
	4450.000	251394.210	7300607.782	177.929	336°09'53.79"			
	4460.000	251390.169	7300616.929	177.905	336°09'53.79"			
	4470.000	251386.128	7300626.076	177.881	336°09'53.79"			
	4480.000	251382.087	7300635.223	177.857	336°09'53.79"			
	4490.000	251378.046	7300644.371	177.833	336°09'53.79"			
TC	4492.668	251376.967	7300646.811	177.826	336°09'53.79"	ARC	750.432	41.895
	4500.000	251374.037	7300653.532	177.808	336°43'29.09"		750.432	
	4510.000	251370.147	7300662.744	177.784	337°29'17.70"		750.432	


	4520.000	251366.380	7300672.007	177.760	338°15'06.32"		750.432	
	4530.000	251362.737	7300681.320	177.736	339°00'54.93"		750.432	
CT	4534.563	251361.116	7300685.585	177.725	339°21'49.06"	LINE		17.657
	4540.000	251359.199	7300690.674	177.711	339°21'49.06"			
	4550.000	251355.675	7300700.032	177.687	339°21'49.06"			
TC	4552.220	251354.893	7300702.110	177.682	339°21'49.06"	ARC	660.000	52.611
	4560.000	251352.194	7300709.406	177.663	340°02'20.43"		660.000	
	4570.000	251348.851	7300718.831	177.593	340°54'25.65"		660.000	
	4580.000	251345.652	7300728.305	177.523	341°46'30.88"		660.000	
	4590.000	251342.597	7300737.827	177.453	342°38'36.10"		660.000	
	4600.000	251339.686	7300747.394	177.383	343°30'41.33"		660.000	
DIS	4604.831	251338.332	7300752.031	177.349	343°55'23.40"	ARC	-207.808	68.143
	4610.000	251336.839	7300756.980	177.313	342°29'52.84"		-207.808	
	4620.000	251333.603	7300766.441	177.179	339°44'27.10"		-207.808	
	4630.000	251329.916	7300775.735	176.849	336°59'01.36"		-207.808	
	4640.000	251325.786	7300784.842	176.318	334°13'35.62"		-207.808	
	4650.000	251321.223	7300793.739	175.588	331°28'09.88"		-207.808	
	4660.000	251316.237	7300802.406	174.722	328°42'44.14"		-207.808	
	4670.000	251310.840	7300810.824	173.851	325°57'18.40"		-207.808	
DIS	4672.974	251309.157	7300813.276	173.592	325°04'42.83"	LINE		46.152
	4680.000	251305.136	7300819.037	173.107	325°04'42.83"			
	4690.000	251299.411	7300827.236	172.959	325°04'42.83"			
	4700.000	251293.687	7300835.435	173.483	325°04'42.83"			
	4710.000	251287.962	7300843.635	174.529	325°04'42.83"			
DIS	4719.127	251282.737	7300851.118	175.496	325°14'44.92"	ARC	220.000	55.884
	4720.000	251282.241	7300851.837	175.589	325°28'23.59"		220.000	

	4730.000	251276.762	7300860.201	176.591	328°04'39.27"		220.000	
	4740.000	251271.669	7300868.806	177.325	330°40'54.94"		220.000	
	4750.000	251266.973	7300877.633	177.771	333°17'10.61"		220.000	
	4760.000	251262.682	7300886.665	177.928	335°53'26.29"		220.000	
	4770.000	251258.806	7300895.883	177.855	338°29'41.96"		220.000	
DIS	4775.010	251257.022	7300900.565	177.808	339°38'59.19"	LINE		184.995
	4780.000	251255.287	7300905.243	177.762	339°38'59.19"			
	4790.000	251251.810	7300914.619	177.668	339°38'59.19"			
	4800.000	251248.332	7300923.995	177.575	339°38'59.19"			
	4810.000	251244.854	7300933.370	177.495	339°38'59.19"			
	4820.000	251241.377	7300942.746	177.457	339°38'59.19"			
	4830.000	251237.899	7300952.122	177.463	339°38'59.19"			
	4840.000	251234.422	7300961.498	177.512	339°38'59.19"			
	4850.000	251230.944	7300970.874	177.592	339°38'59.19"			
	4860.000	251227.466	7300980.250	177.673	339°38'59.19"			
	4870.000	251223.989	7300989.625	177.667	339°38'59.19"			
	4880.000	251220.511	7300999.001	177.630	339°38'59.19"			
	4890.000	251217.034	7301008.377	177.593	339°38'59.19"			
	4900.000	251213.556	7301017.753	177.556	339°38'59.19"			
	4910.000	251210.079	7301027.129	177.519	339°38'59.19"			
	4920.000	251206.601	7301036.505	177.482	339°38'59.19"			
	4930.000	251203.123	7301045.880	177.445	339°38'59.19"			
	4940.000	251199.646	7301055.256	177.408	339°38'59.19"			
	4950.000	251196.168	7301064.632	177.371	339°38'59.19"			
	4960.000	251192.691	7301074.008	177.335	339°38'59.19"			
E	4960.006	251192.689	7301074.014	177.335	339°38'59.19"			

WARNING

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FOR CONSTRUCTION

				M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960 BAILEYS LANE CONTROL LINE SETOUT				
1	ISSUE FOR CONSTRUCTION	14/09/2023		Drawn	MIW		Scale	AS SHOWN	Dwg. No. 0113-0019-9005-004	Sheet 4 OF 33	Issue 1
C	FOR REVIEW	23/06/2023		N.GARVEY	P. MEREDITH						
B	FOR REVIEW	17/02/2023									
A	FOR REVIEW	20/09/2022									
No.	Revision	Date	General Notes:	A/MTS	A/DIS RPEQ 15268						

PROPERTY ACCESS 1							
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.LEN
S	0.000	251409.730	7300572.651	178.022	65°37'59.86"	LINE	15.565
	10.000	251418.839	7300576.776	177.863	65°37'59.86"		
E	15.565	251423.909	7300579.072	177.818	65°37'59.86"		

PROPERTY ACCESS 2							
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.LEN
S	0.000	251344.725	7300731.193	177.497	251°26'49.91"	LINE	18.156
	10.000	251335.245	7300728.012	177.425	251°26'49.91"		
E	18.156	251327.513	7300725.417	177.653	251°26'49.91"		


PROPERTY ACCESS 3							
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.LEN
S	0.000	251266.081	7300879.425		64°26'41.74"	LINE	24.032
	10.000	251275.103	7300883.738	177.732	64°26'41.74"		
	20.000	251284.125	7300888.052	177.733	64°26'41.74"		
E	24.032	251287.762	7300889.792		64°26'41.74"		

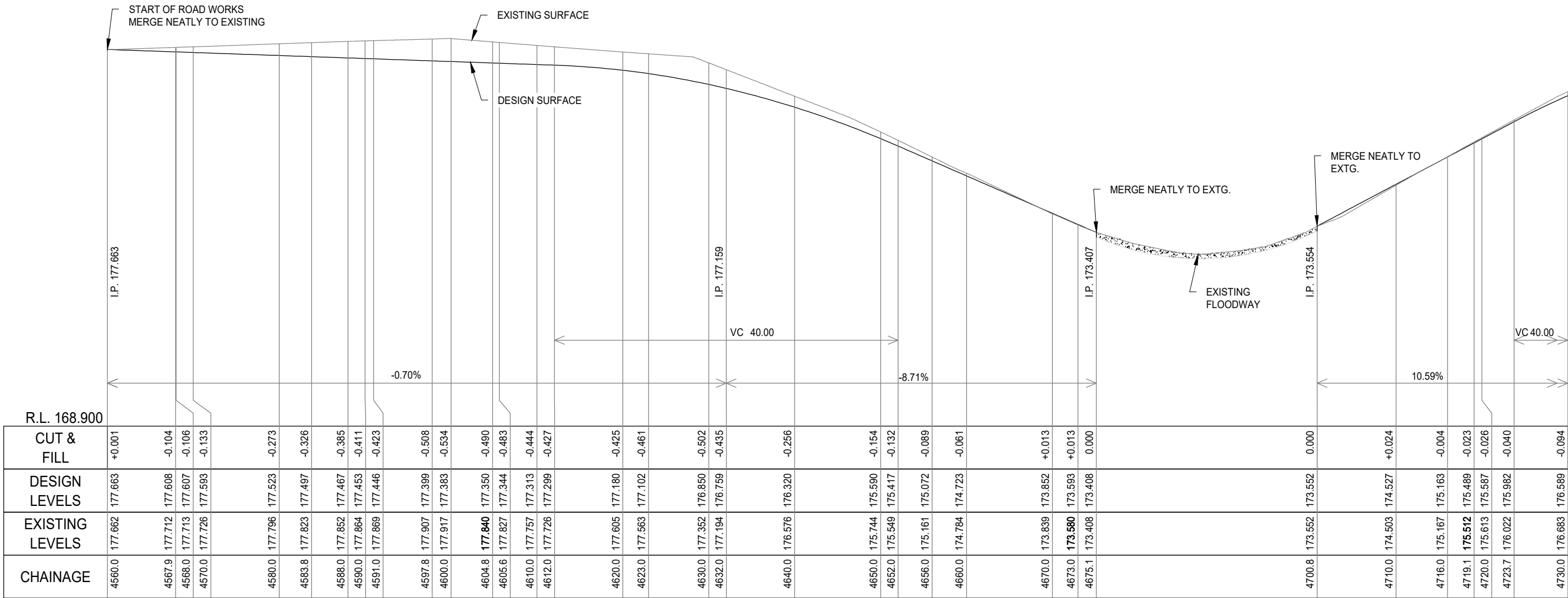
SURVEY CONTROL SETOUT				
POINT No.	EASTING	NORTHING	LEVEL	DESCRIPTION
9000	251355.555	7300712.161	177.633	BSC 10 STAR PKT
9001	251315.159	7300783.224	177.215	BSC 11 STAR PKT
9002	251296.569	7300854.545	177.753	BSC 12 STAR PKT
9003	251242.190	7300919.590	177.199	BSC 13 STAR PKT

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FOR CONSTRUCTION

			General Notes:	M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960			
1	ISSUE FOR CONSTRUCTION	14/09/2023		Drawn	MIW		BAILEYS LANE CONTROL LINE SETOUT & SURVEY CONTROL SETOUT			
C	FOR REVIEW	23/06/2023		N.GARVEY	P. MEREDITH					
B	FOR REVIEW	17/02/2023		A/MTS	A/DIS RPEQ 15268					
A	FOR REVIEW	20/09/2022								
No.	Revision	Date					Scale	Dwg. No.	Sheet	Issue
							AS SHOWN	0113-0019-9005-005	5 OF 33	1




LONGITUDINAL SECTION-BAILEYS LANE CH.4560.000 TO CH.4730.000
1 in 500 (H) 1 in 100 (V) (A3)

***** WARNING *****

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FOR CONSTRUCTION

				M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960 LONG SECTION-BAILEYS LANE - CH.4560.0 TO CH.4730.0			
1	ISSUE FOR CONSTRUCTION	14/09/2023	General Notes:	Drawn	MIW		Scale	Dwg. No.	Sheet	Issue
C	FOR REVIEW	23/06/2023		N.GARVEY	P. MEREDITH		AS SHOWN	0113-0019-9005-006	6 OF 33	1
B	FOR REVIEW	17/02/2023		A/MTS	A/DIS RPEQ 15268					
A	FOR REVIEW	20/09/2022								
No.	Revision	Date								

ROADWORKS NOTES

1. FILL SHALL BE PLACED AND COMPACTED TO THE FOLLOWING STANDARDS:

A. ROADWORK EMBANKMENTS SHALL ACHIEVE A MINIMUM DRY DENSITY RATIO OF 98% STANDARD FOR UP TO 300mm FROM SUB-GRADE LEVEL AND 95% FOR THE REMAINDER IN ACCORDANCE WITH CMDG C213.30.02

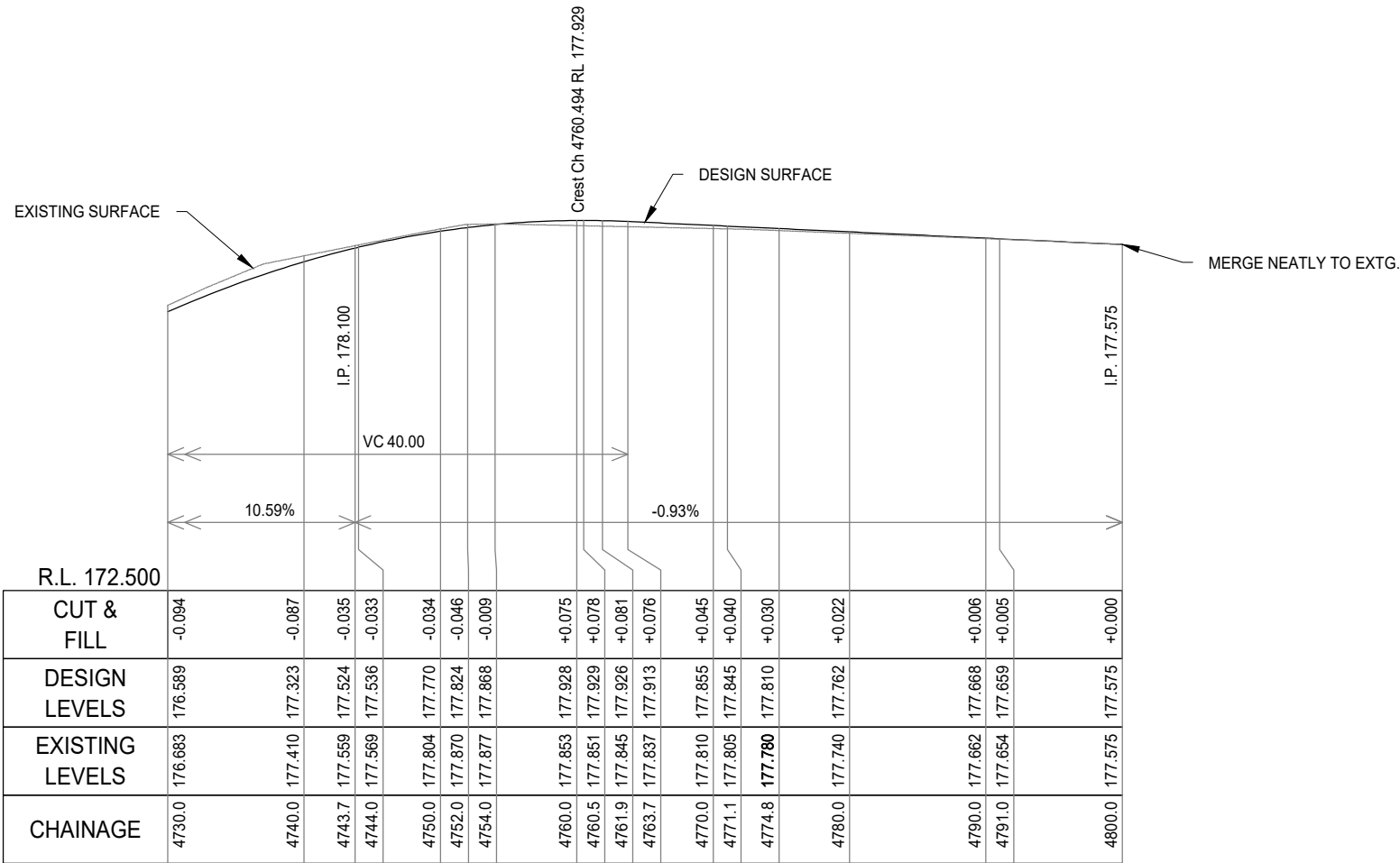
B. BACKFILL SHALL ACHIEVE A MINIMUM DRY DENSITY RATIO OF 95% STANDARD
2. USE COMPACTED SELECT FILL TO BACKFILL TO BASE/SUBBASE LAYER WHEN FILLING.
3. PROVIDE DOUBLE/DOUBLE SEAL (EXAMPLE ONLY - SEAL DESIGN BY MANUFACTURER)

1st COAT

C170 BITUMEN @ 1.6L/m² 14mm AGG. 100m²/m³

2nd COAT

C170 BITUMEN @ 1.1L/m² 7mm AGG. 200m²/m³
4. ACTUAL PAVEMENT DEPTHS TO BE CONFIRMED BY THE COUNCIL SUPERVISOR AFTER SUB-GRADE TESTS HAVE BEEN CONDUCTED AND RESULTS PROVIDED.
5. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO ENSURE NO UNNECESSARY DAMAGE TO ANY SIGNIFICANT TREES.




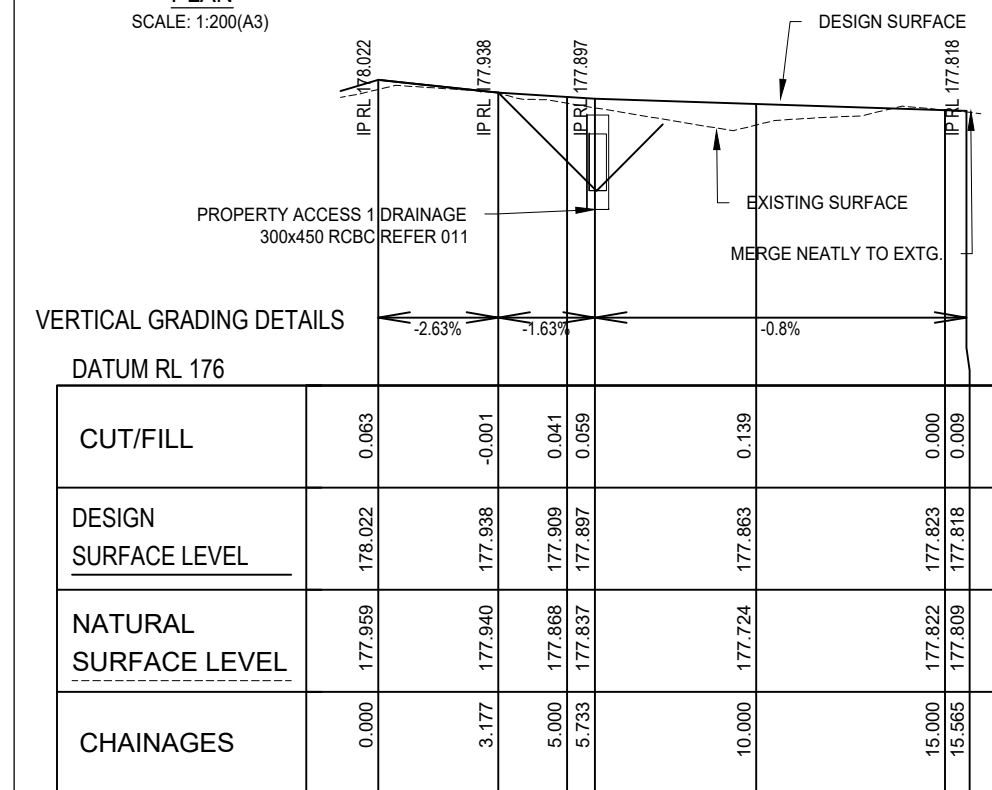
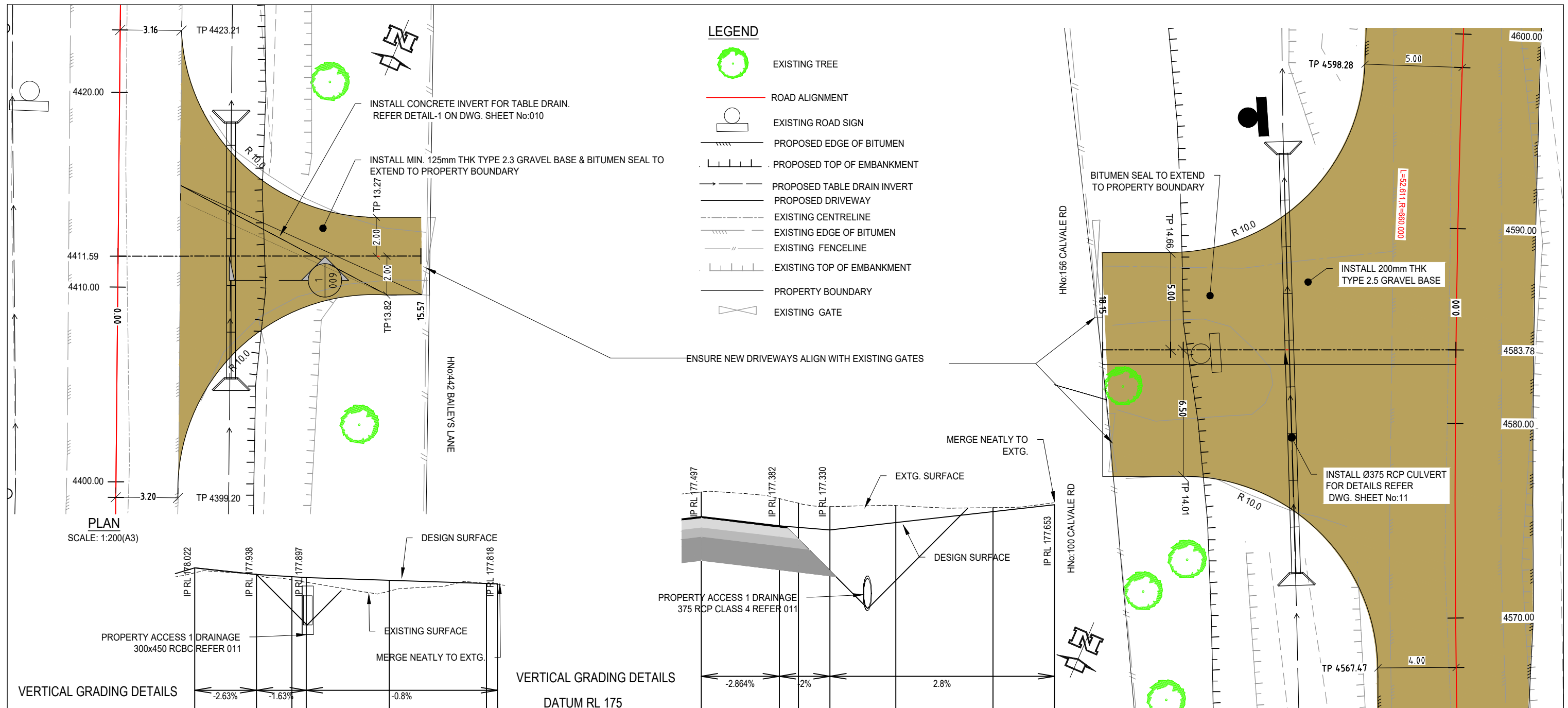
LONGITUDINAL SECTION-BAILEYS LANE CH.4730.000 TO CH.4800.000
1 in 500 (H) 1 in 100 (V) (A3)

WARNING

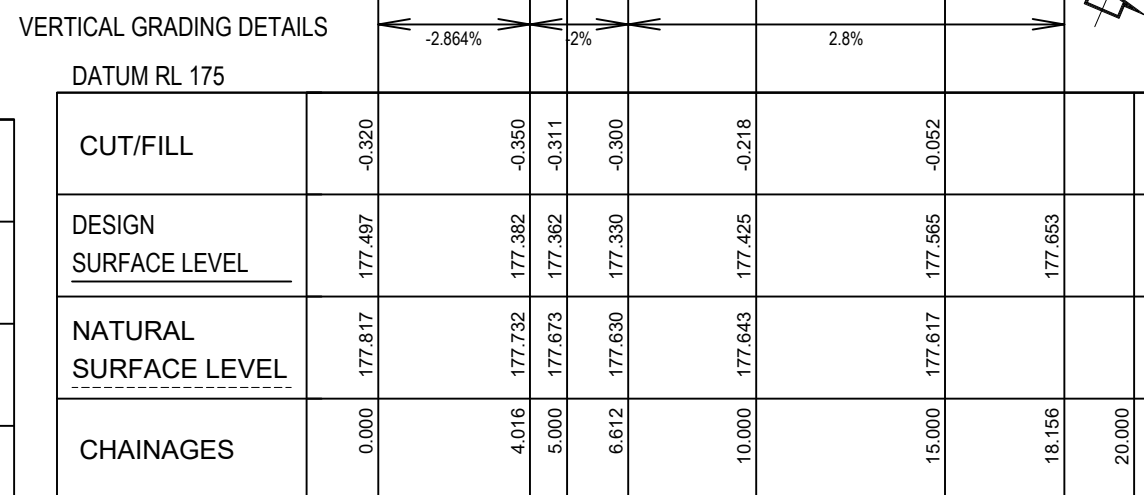
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FOR CONSTRUCTION

			General Notes:	M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960 LONG SECTION-BAILEYS LANE - CH.4730.0 TO CH.4800.0							
1	ISSUE FOR CONSTRUCTION	14/09/2023		Drawn	MIW									
C	FOR REVIEW	23/06/2023		N.GARVEY	P. MEREDITH									
B	FOR REVIEW	17/02/2023												
A	FOR REVIEW	20/09/2022												
No.	Revision	Date		A/MTS	A/DIS	RPEQ 15268	Scale	AS SHOWN	Dwg. No.	0113-0019-9005-007	Sheet	7 OF 33	Issue	1



PROPERTY ACCESS 1 TO HN0:442 BAILEYS LANE
LONGITUDINAL SECTION
1 in 200 (H) 1 in 50 (V)(A3)




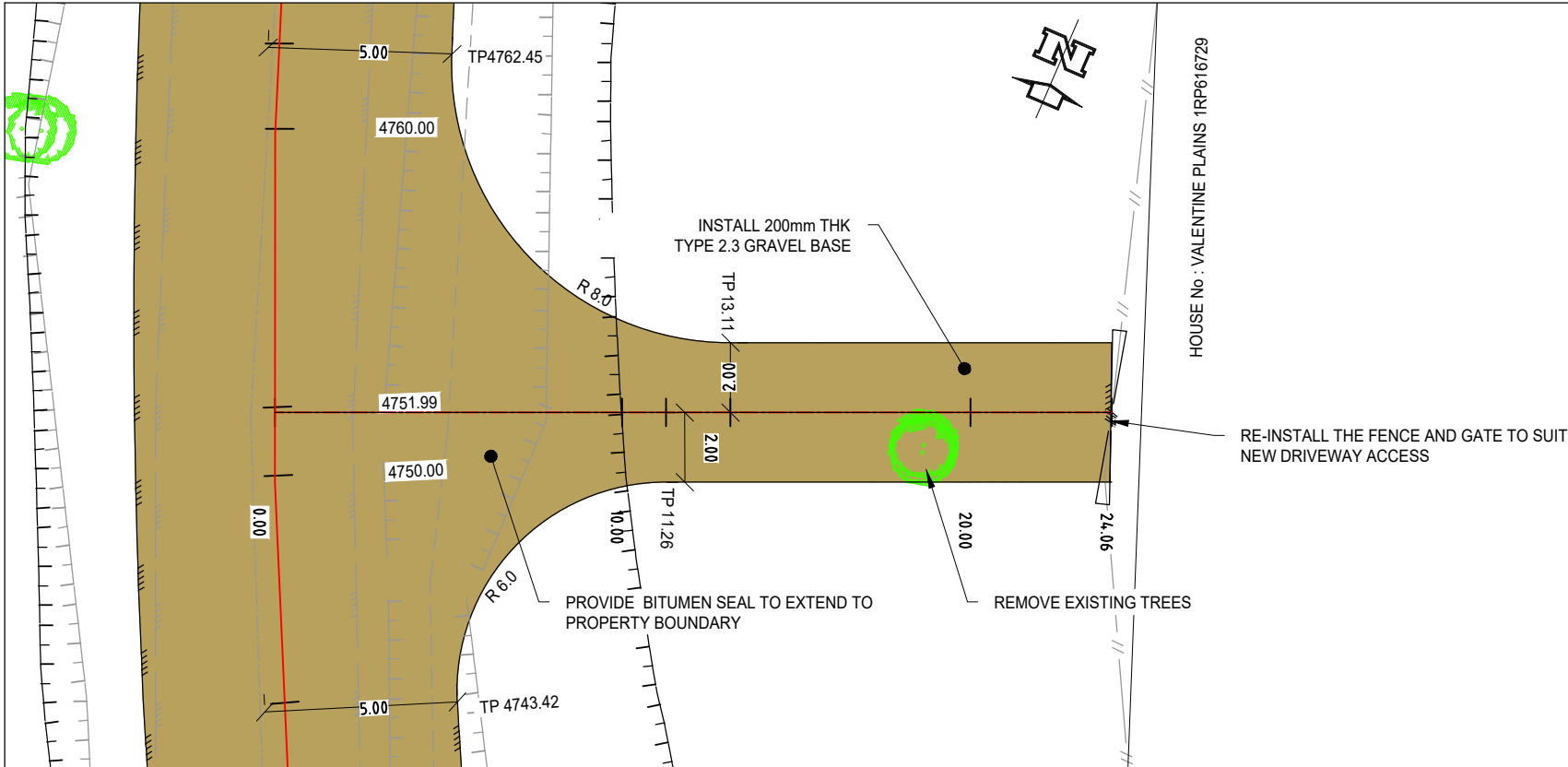
PROPERTY ACCESS 2 TO HN0:100,156 CALVALE ROAD
LONGITUDINAL SECTION
1 in 200 (H) 1 in 50 (V)(A3)

*****WARNING*****

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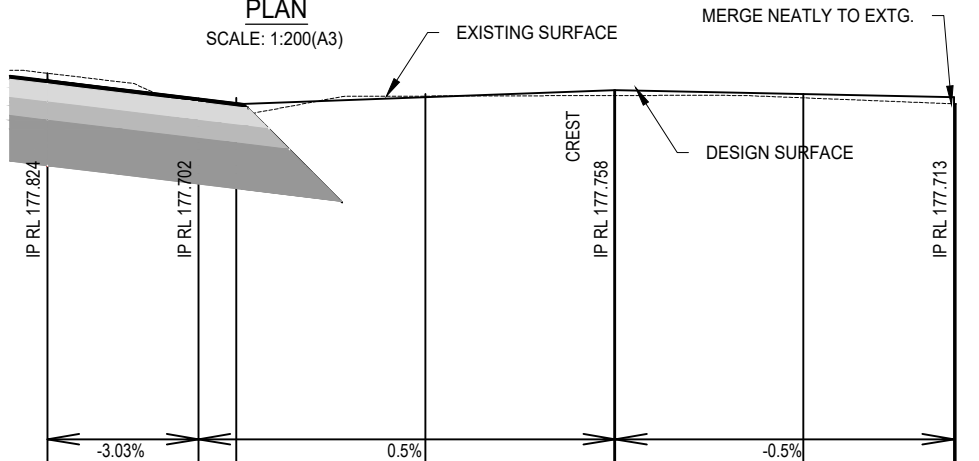
FOR CONSTRUCTION

			M KASINADHUNI		I JOHNSON			BAILEYS LANE, BILOELA , CH4285 - CH4960 LONG SECTION & SETOUT DETAIL-PROPERTY ACCESSES 1 & 2					
1	ISSUE FOR CONSTRUCTION	14/09/2023	Drawn		MIW			Scale	AS SHOWN	Dwg. No. 0113-0019-9005-008	Sheet 8 OF 33	Issue 1	
C	FOR REVIEW	23/06/2023	N.GARVEY		P. MEREDITH								
B	FOR REVIEW	17/02/2023	A/MTS		A/DIS RPEQ 15268								
A	FOR REVIEW	20/09/2022											
No.	Revision	Date	General Notes:										



- LEGEND
- EXISTING TREE
 - ROAD ALIGNMENT
 - PROPOSED EDGE OF BITUMEN
 - PROPOSED TOP OF EMBANKMENT
 - PROPOSED DRIVEWAY
 - EXISTING CENTRELINE
 - EXISTING EDGE OF BITUMEN
 - EXISTING FENCELINE
 - EXISTING TOP OF EMBANKMENT
 - PROPERTY BOUNDARY
 - PROPOSED GATE

PLAN
SCALE: 1:200(A3)



VERTICAL CURVE DETAILS
VERTICAL GRADING DETAILS
DATUM RL 175


CUT/FILL	-0.047	0.052	0.118	0.013	0.035	0.035	0.025	0.045
DESIGN SURFACE LEVEL	177.824	177.702	177.707	177.732	177.757	177.758	177.733	177.713
NATURAL SURFACE LEVEL	177.870	177.651	177.589	177.719	177.723	177.723	177.708	177.668
CHAINAGES	0.000	4.000	5.000	10.000	15.000	15.024	20.000	23.991
								24.032
								25.000

PROPERTY ACCESS 3
LONGITUDINAL SECTION
1 in 200 (H) 1 in 50 (V)(A3)

WARNING

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FOR CONSTRUCTION

			M KASINADHUNI		I JOHNSON			BAILEYS LANE, BILOELA , CH4285 - CH4960 LONG SECTION &SETOUT DETAIL - PROPERTY ACCESS 3					
1	ISSUE FOR CONSTRUCTION	14/09/2023	Drawn		MIW			Scale	AS SHOWN	Dwg. No. 0113-0019-9005-009	Sheet 9 OF 33	Issue 1	
C	FOR REVIEW	23/06/2023	N.GARVEY		P. MEREDITH								
B	FOR REVIEW	17/02/2023	A/MTS		A/DIS RPEQ 15268								
A	FOR REVIEW	20/09/2022											
No.	Revision	Date	General Notes:										

WEARING COURSE - 14/10 TWO COAT BITUMEN SEAL
SEAL DESIGNED BY MANUFACTURER

0.12

BASE COURSE - UNBOUND GRANULAR MATERIAL
TYPE 2.3 GRAVEL CBR >45%

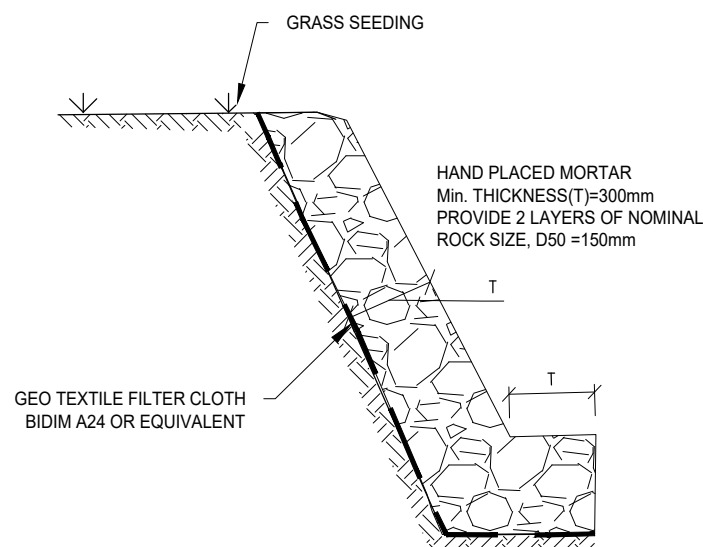
0.12

SUB-BASE COURSE - UNBOUND GRANULAR MATERIAL
TYPE 2.3 GRAVEL CBR >45%

PAVEMENT GEOSYNTHETIC MATERIAL (BIAXIAL
ECOCOMPOSITE 30j30 OR SIMILAR)

0.30

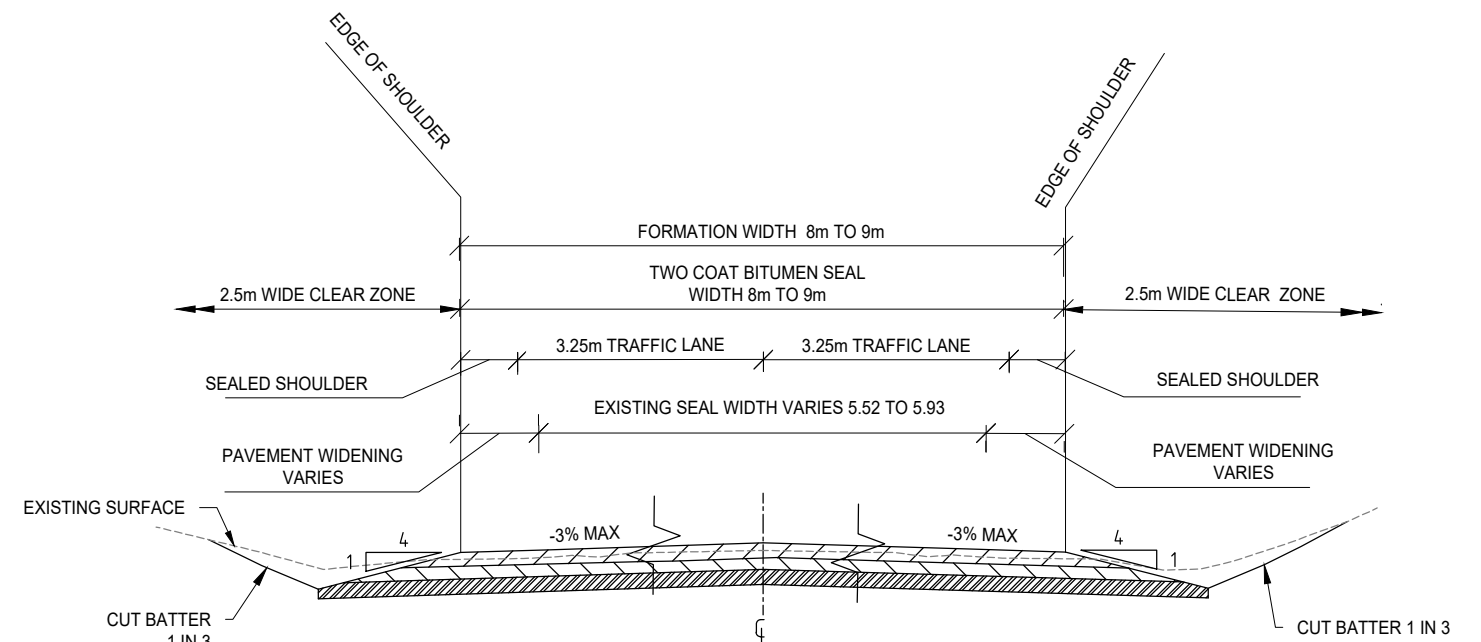
SUBGRADE INSITU STABILISATION (4% NOMINAL)
DESIGN SUBGRADE CBR 10%,



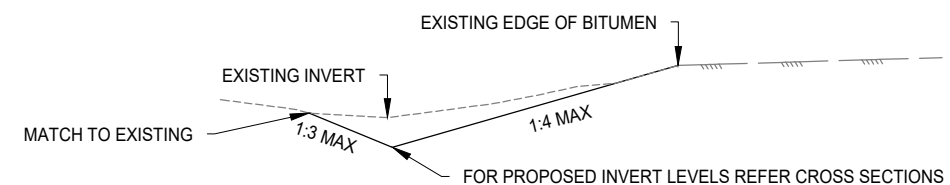
NTS

DETAIL (2)

1. FROM CH.4600 TO CH.4650 PROVIDE BATTER PROTECTION BY PLACING BIDIM A24 OR EQUIVALENT WITH ROCK LINING AS SHOWN.
4. FROM CH.4570-CH.4730 PROVIDE BATTER PROTECTION BY PLACING BIDIM A24 OR EQUIVALENT WITH ROCK LINING. SEE DETAIL 2 ON SHEET 10.
5. THE ROCK MUST BE PLACED ON AN EARTH BED LINED WITH FILTER CLOTH.
6. IF MORE THAN ONE SHEET OF FABRIC IS REQUIRED TO COVER THE AREA, OVERLAP THE EDGE OF EACH SHEET BY 300mm AND PLACE ANCHOR PINS AT MINIMUM 1m SPACING ALONG THE OVERLAP.
7. ENSURE THE FABRIC IS PROTECTED FROM TEARING DURING INSTALLATION. REPAIR ANY DAMAGE BY REMOVING THE ROCK AND PLACING ANOTHER PIECE OF FILTER CLOTH OVER THE DAMAGED AREA OVERLAPPING THE EXISTING FABRIC A MINIMUM OF 300mm.
8. WHERE NECESSARY, A MINIMUM 100mm LAYER OF FINE GRAVEL, AGGREGATE OR SAND SHOULD BE PLACED OVER THE FABRIC TO PROTECT IT FROM DAMAGE.
9. PLACEMENT OF ROCK SHOULD FOLLOW IMMEDIATELY AFTER PLACEMENT OF FILTER LAYER. PLACE ROCK SO THAT IT FORMS A DENSE, WELL-GRADED MASS OF ROCK WITH MINIMUM VOIDS.
10. THE FINISHED SURFACE SHOULD BE FREE OF POCKETS OF SMALL ROCK OR CLUSTERS OF LARGE ROCKS. HAND PLACING MAY BE NECESSARY TO ACHIEVE A BETTER DISTRIBUTION OF ROCK SIZES TO PRODUCE A RELATIVELY SMOOTH, UNIFORM SURFACE. THE FINISHED GRADE OF ROCK SHOULD BLEND WITH THE AREA. NO PROTRUSION OF ROCK SHOULD BE APPARENT.
11. CAREFULLY CHECK THE STABILITY OF THE ROCK LINING FOR INDICATIONS OF PIPING, SCOUR HOLES OR BANK FAILURES.




TYPICAL SECTION
CH 4560 TO CH 4800
SCALE 1:100

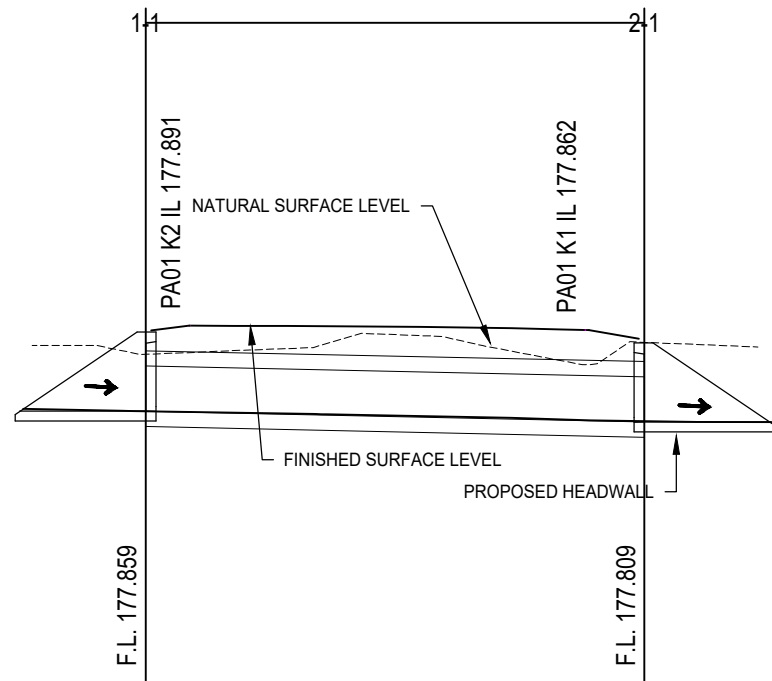


TYPICAL SECTION - TABLE DRAIN
CH.4285 - CH.4960
NTS

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FOR CONSTRUCTION

			General Notes:	M KASINADHUNI	I JOHNSON	 Banana SHIRE	BAILEYS LANE, BILOELA , CH4285 - CH4960 TYPICAL SECTIONS & DETAILS				
1	ISSUE FOR CONSTRUCTION	14/09/2023									
C	FOR REVIEW	23/06/2023			Drawn		MIW	ScaleAS SHOWN	Dwg. No. 0113-0019-9005-010	Sheet 10 OF 33	Issue 1
B	FOR REVIEW	17/02/2023			N.GARVEY		P. MEREDITH				
A	FOR REVIEW	20/09/2022									
No.	Revision	Date			A/MTS		A/DIS RPEQ 15268				



WARNING

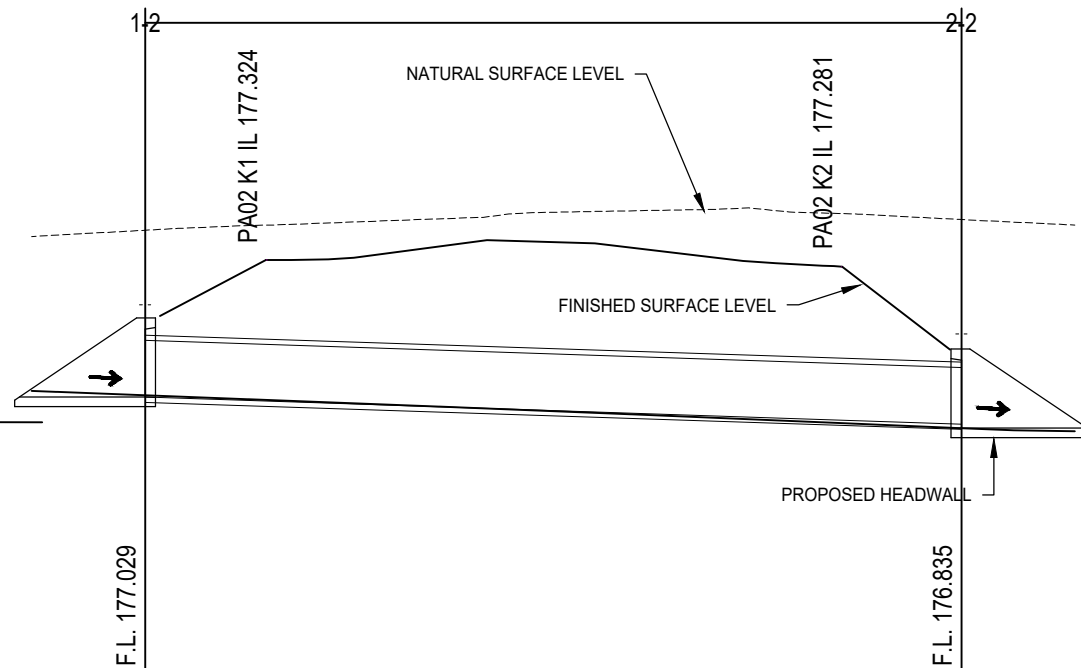
The location of existing public utilities shown on these drawings is approximate only and in some cases may be inaccurate or incomplete. No responsibility is accepted for nor is any guarantee made as to the accuracy of the locations shown that have been plotted from information provided by the relevant public utility authorities. The attention of the user of these drawings is directed to the possible existence of underground public utilities and private service lines not shown or at locations different from those shown on these drawings. It is the responsibility of those persons using these drawings to confirm the existence of all public utilities and private service lines within the vicinity of the works in conjunction with the relevant public utility authority and/or by physical location.

PROPOSED 300 X 450 RCBC WITH PRE-CAST BASE
TO MANUFACTURERS REQUIREMENTS

0.53%

Datum R.L.	172.000		
R.L. OF INVERT	177.318	177.261	177.254
R.L. OF FIN.SURF.	177.325		177.259
R.L. OF NAT.SURF.	177.701		177.781
CHAINAGE	0.000	11.637	13.200

PROPERTY ACCESS 1 SCALE 1:200 H 1:50 V



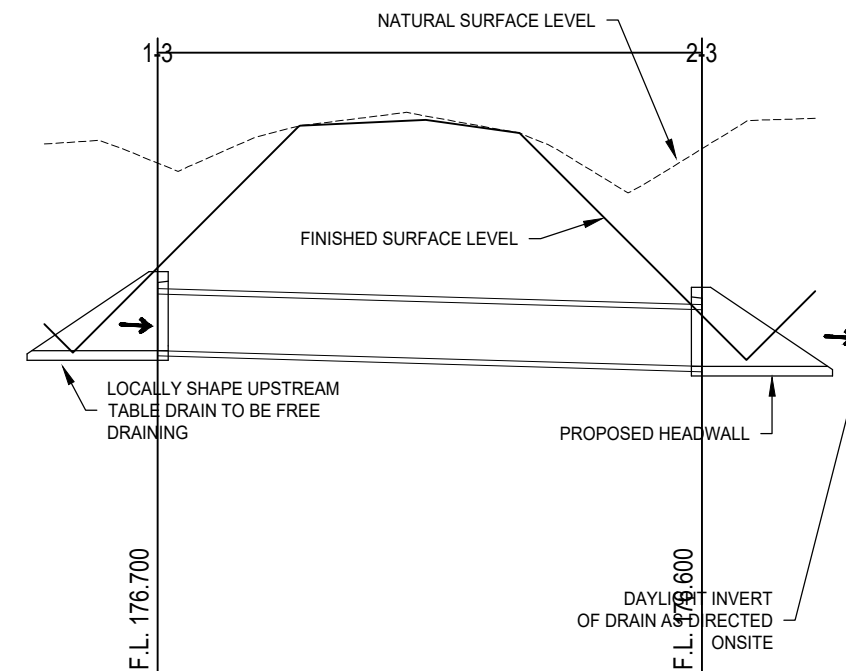
FOR CONSTRUCTION

PROPOSED 375 RCP CLASS 4
TO MANUFACTURERS REQUIREMENTS

0.82%

	171.000		
	176.417	176.392	176.266
			176.241
	176.430		176.213
	177.522		177.592
	0.000	3.214	18.436
			21.600

PROPERTY ACCESS 2 SCALE 1:200 H 1:50 V




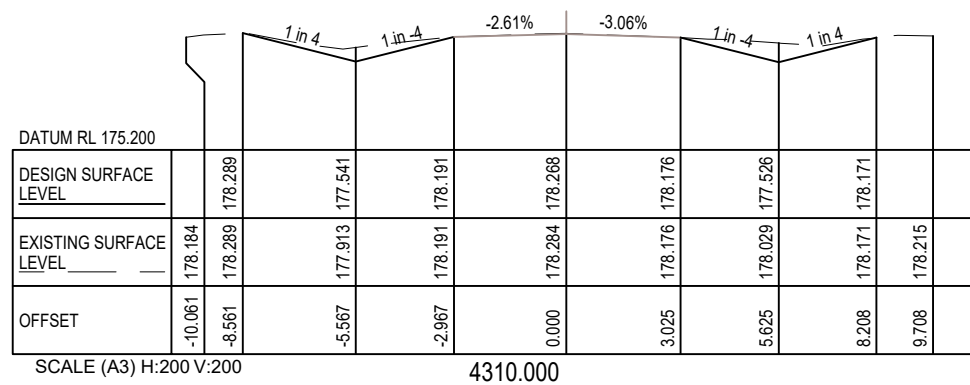
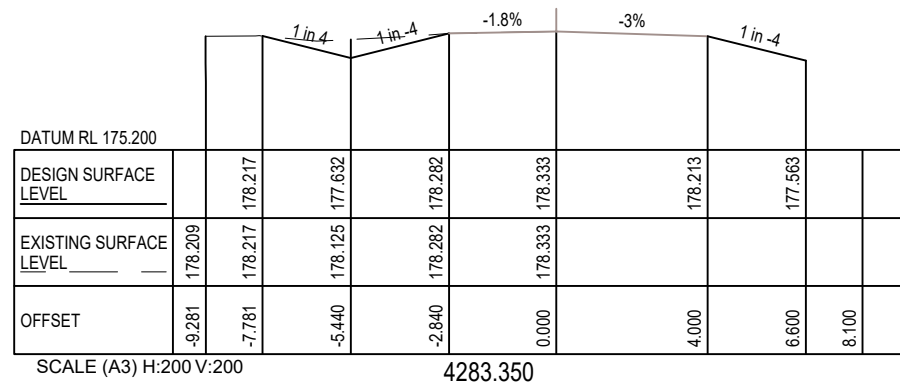
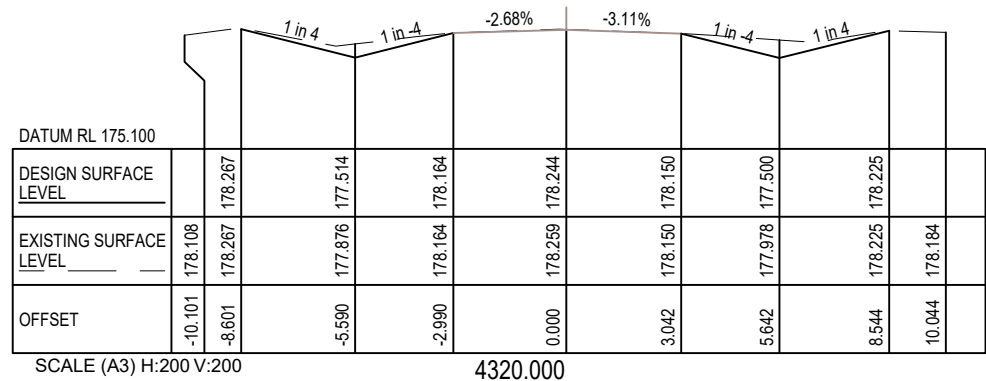
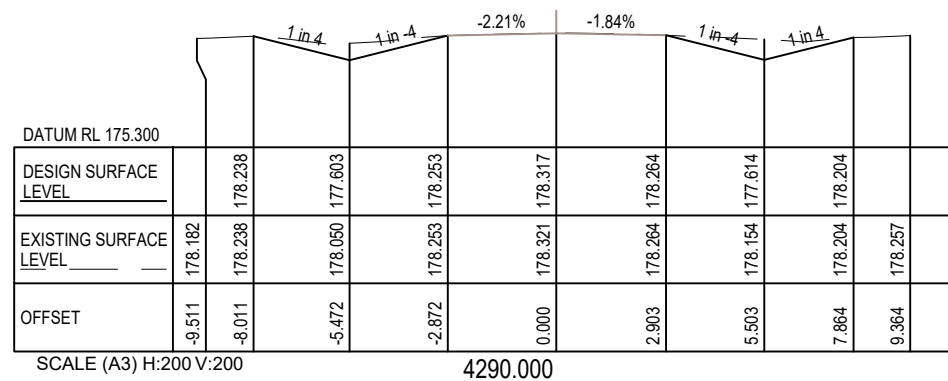
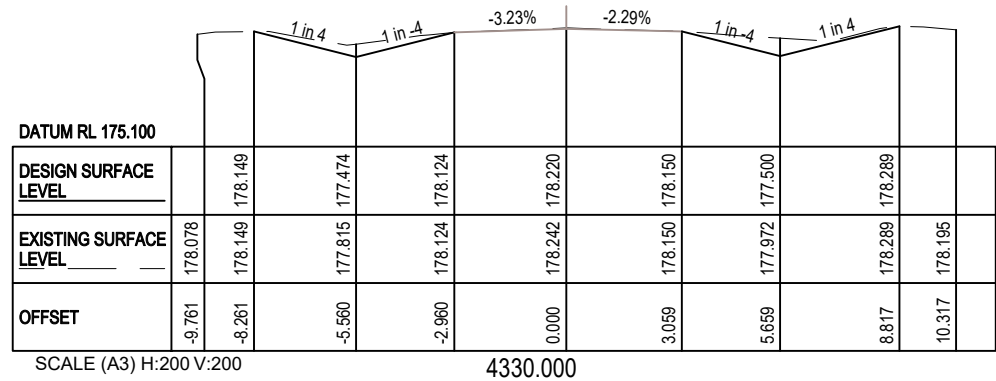
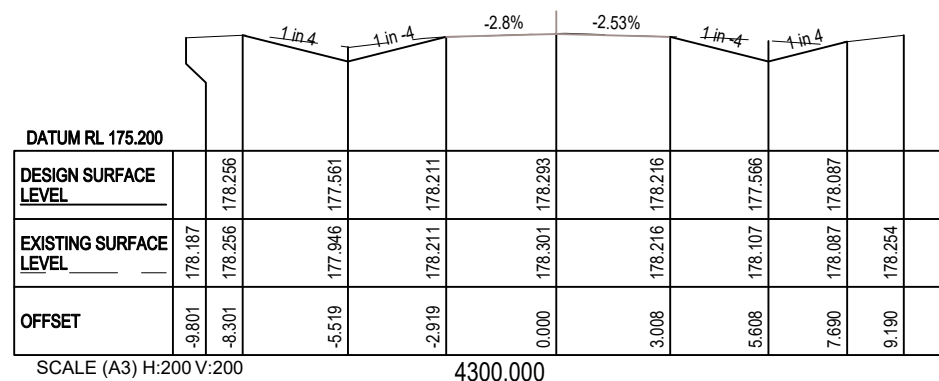
PROPOSED 375 RCP CLASS 4
TO MANUFACTURERS REQUIREMENTS

0.71%

	171.000		
	176.103		176.000
			176.000
	176.653		176.338
	177.344		177.439
	0.000		14.401

CROSS ROAD CULVERT SCALE 1:200 H 1:50 V


			General Notes:	M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960 PROPOSED PIPE CULVERTS PROFILES							
1	ISSUE FOR CONSTRUCTION	14/09/2023		Drawn	MIW									
C	FOR REVIEW	23/06/2023		N.GARVEY	P. MEREDITH		Scale	AS SHOWN	Dwg. No.	0113-0019-9005-011	Sheet	11 OF 33	Issue	1
B	FOR REVIEW	17/02/2023		A/MTS	A/DIS		RPEQ	15268						
A	FOR REVIEW	20/09/2022												
No.	Revision	Date												

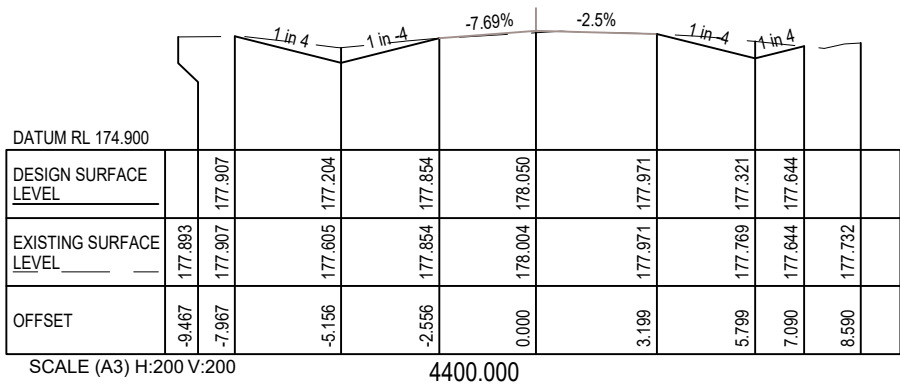
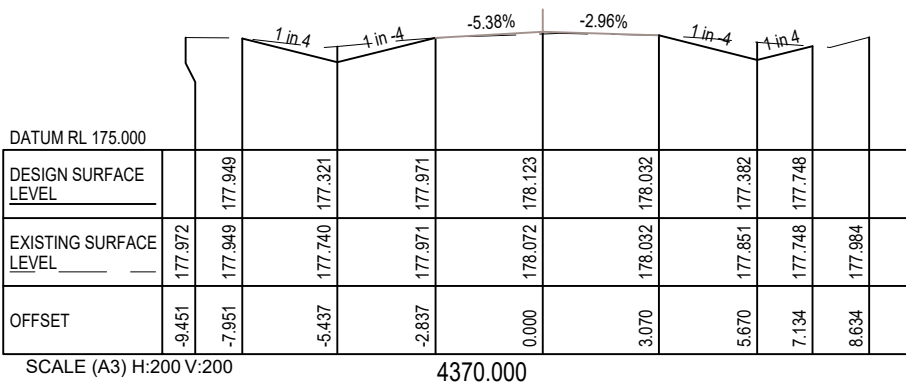
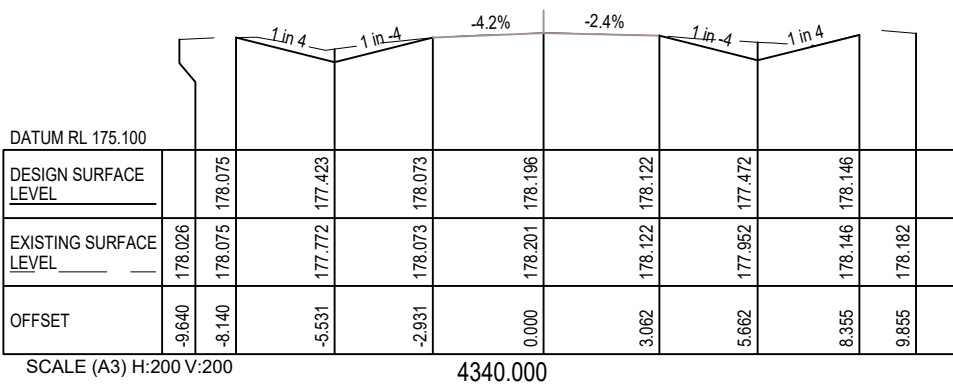
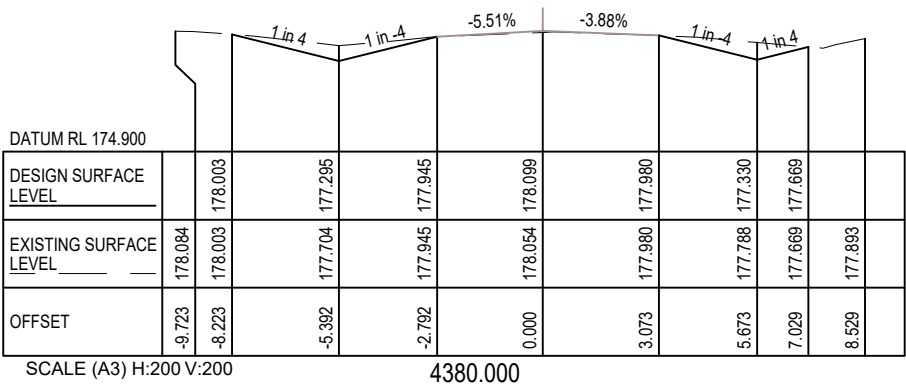
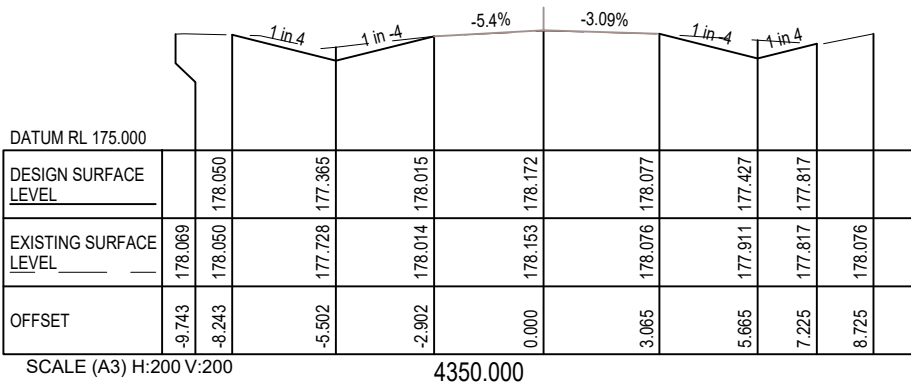
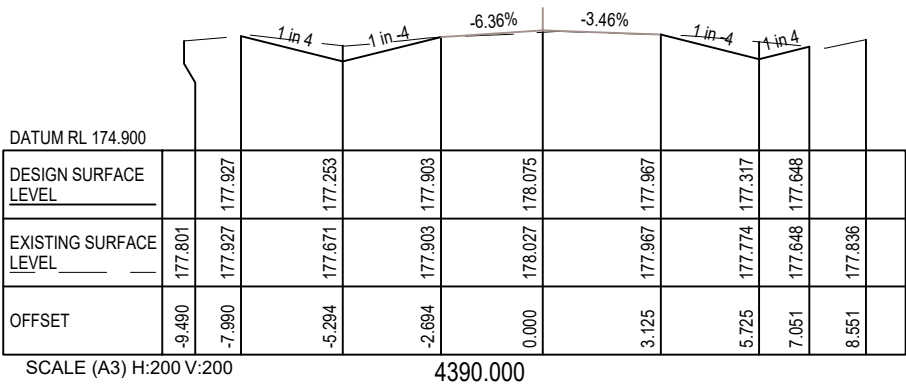
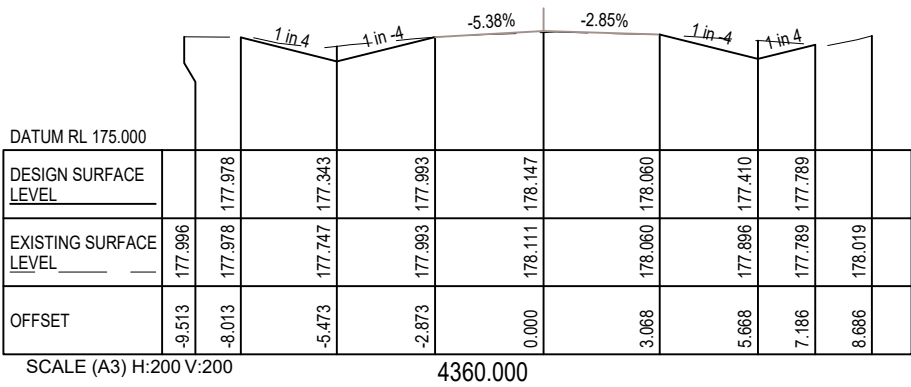


WARNING

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FOR CONSTRUCTION

			M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960			
1	ISSUE FOR CONSTRUCTION	14/09/2023				CROSS SECTIONS - CH.4283.35 TO CH.4330			
C	FOR REVIEW	23/06/2023	Drawn	MIW		Scale	AS SHOWN	Dwg. No. 0113-0019-9005-012	Sheet 12 OF 33
B	FOR REVIEW	17/02/2023	N.GARVEY	P. MEREDITH					
A	FOR REVIEW	20/09/2022							
No.	Revision	Date	General Notes:		A/MTS	A/DIS	RPEQ	15268	Issue 1



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FOR CONSTRUCTION

1	ISSUE FOR CONSTRUCTION	14/09/2023
C	FOR REVIEW	23/06/2023
B	FOR REVIEW	17/02/2023
A	FOR REVIEW	20/09/2022
No.	Revision	Date

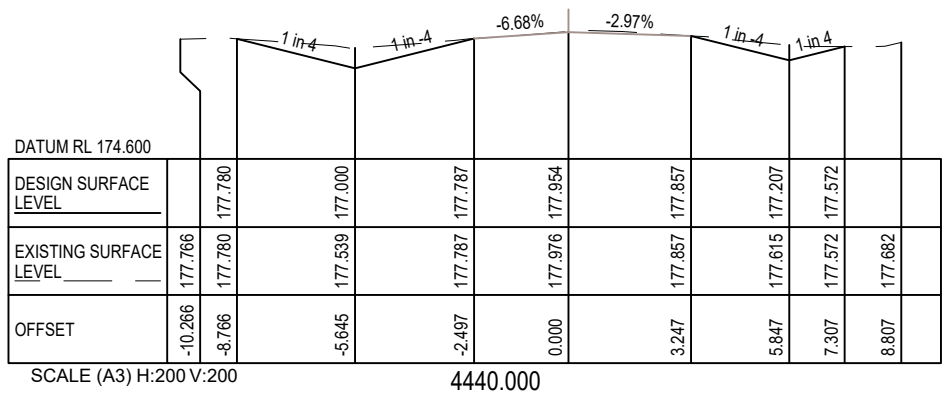
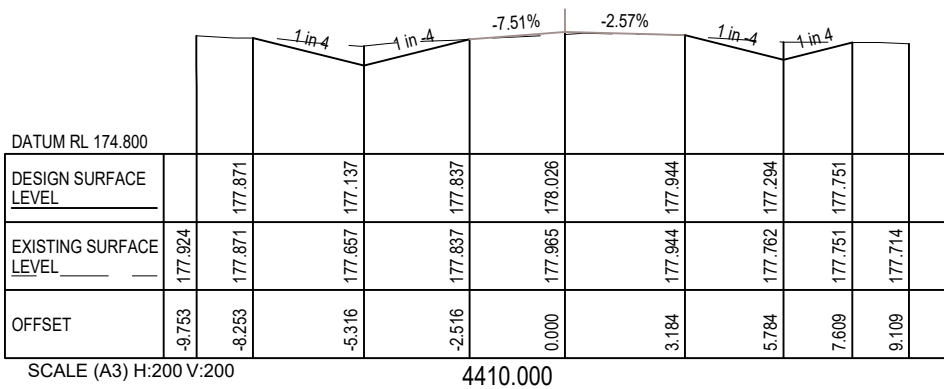
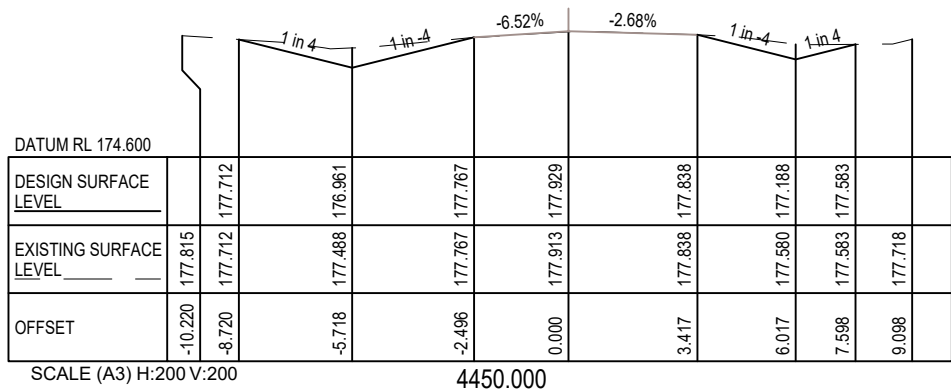
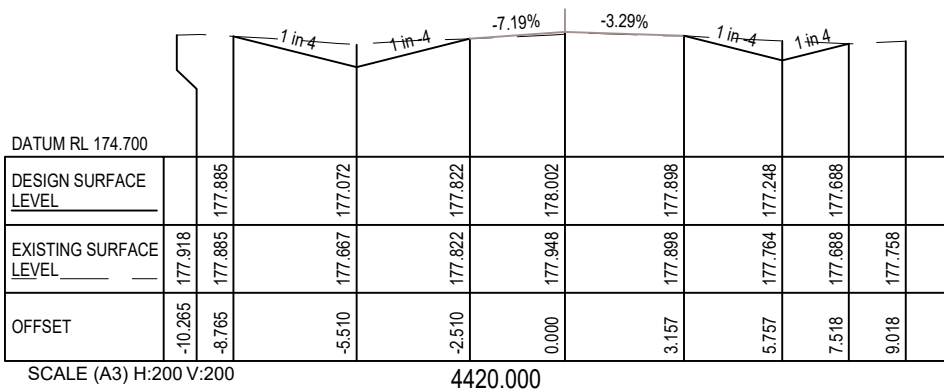
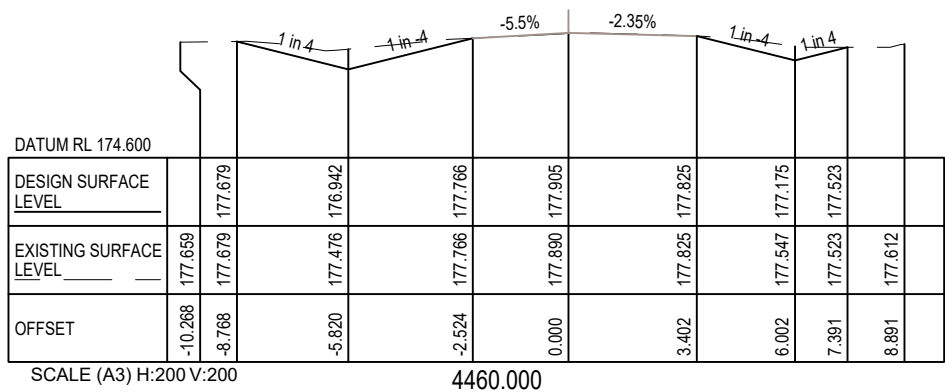
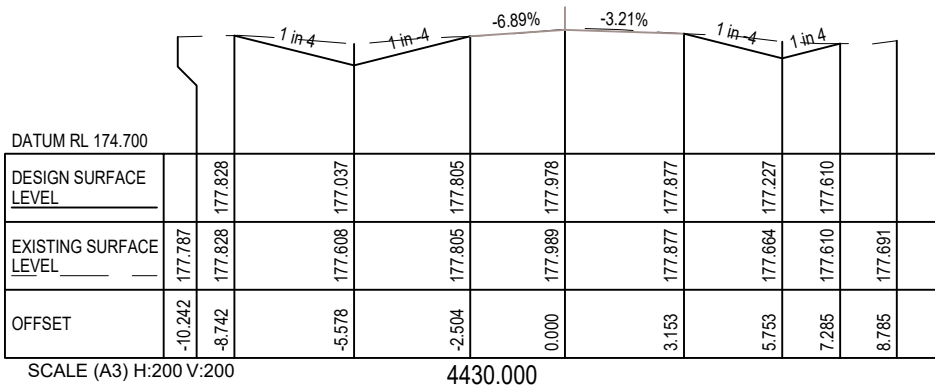
General Notes:

M KASINADHUNI	I JOHNSON
Drawn	MIW
N.GARVEY	P. MEREDITH
A/MTS	A/DIS RPEQ 15268



BAILEYS LANE, BILOELA , CH4285 - CH4960
CROSS SECTIONS - CH.4340 TO CH.4400


Scale	Dwg. No.	Sheet	Issue
AS SHOWN	0113-0019-9005-013	13 OF 33	1

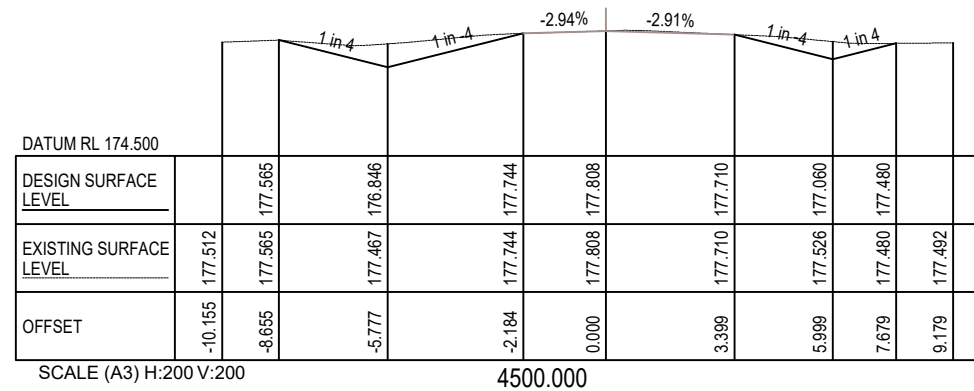
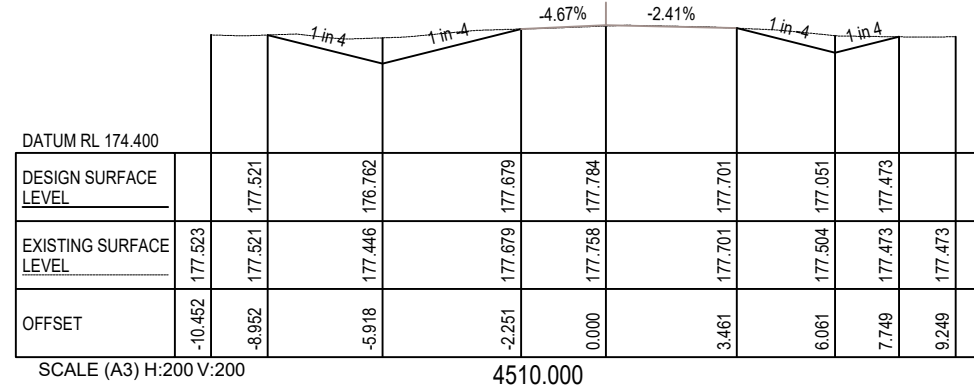
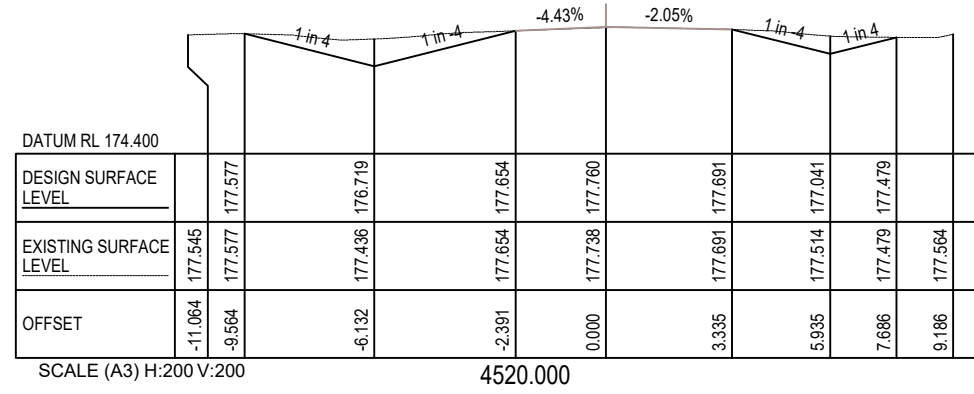


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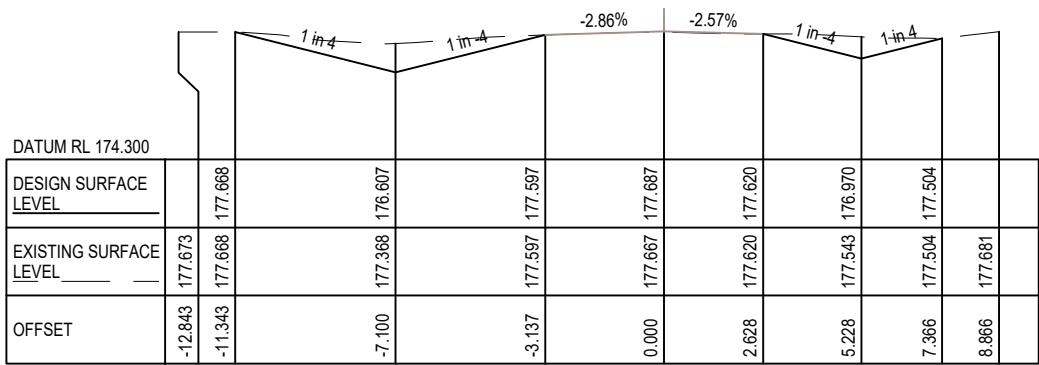
FOR CONSTRUCTION

				M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960 CROSS SECTIONS - CH.4410 TO CH.4460			
1	ISSUE FOR CONSTRUCTION	14/09/2023	General Notes:	Drawn	MIW					
C	FOR REVIEW	23/06/2023		N.GARVEY	P. MEREDITH					
B	FOR REVIEW	17/02/2023		A/MTS	A/DIS					
A	FOR REVIEW	20/09/2022			RPEQ 15268					
No.	Revision	Date					Scale	Dwg. No.	Sheet	Issue
							AS SHOWN	0113-0019-9005-014	14 OF 33	1

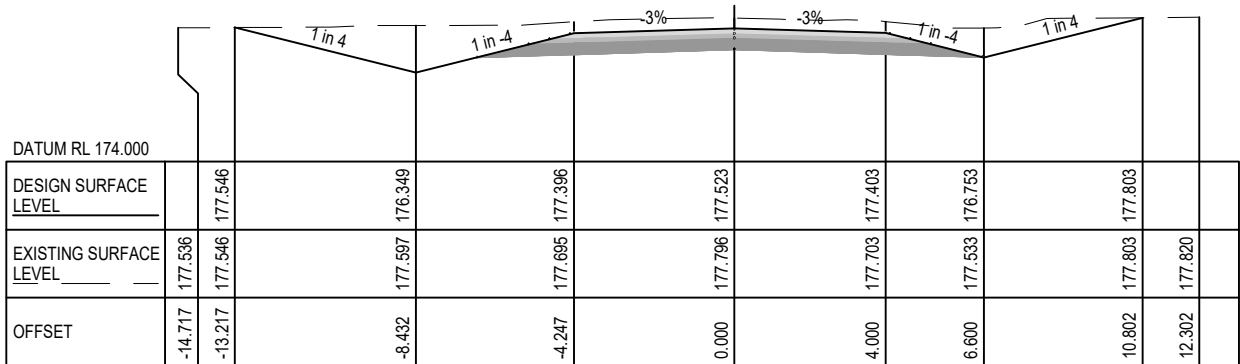


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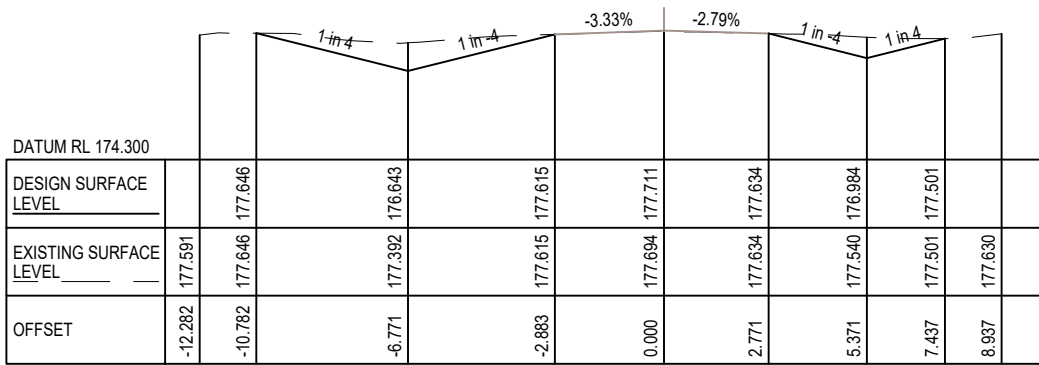
			M KASINADHUNI		I JOHNSON		 Banana SHIRE SHIRE OF OPPORTUNITY		BAILEYS LANE, BILOELA , CH4285 - CH4960 CROSS SECTIONS - CH.4470 TO CH.4520								
1	ISSUE FOR CONSTRUCTION	14/09/2023	Drawn		MIW												
C	FOR REVIEW	23/06/2023	N.GARVEY		P. MEREDITH				Scale		AS SHOWN	Dwg. No.	0113-0019-9005-015	Sheet	15 OF 33	Issue	1
B	FOR REVIEW	17/02/2023	A/MTS		A/DIS RPEQ 15268												
A	FOR REVIEW	20/09/2022															
No.	Revision	Date	General Notes:														



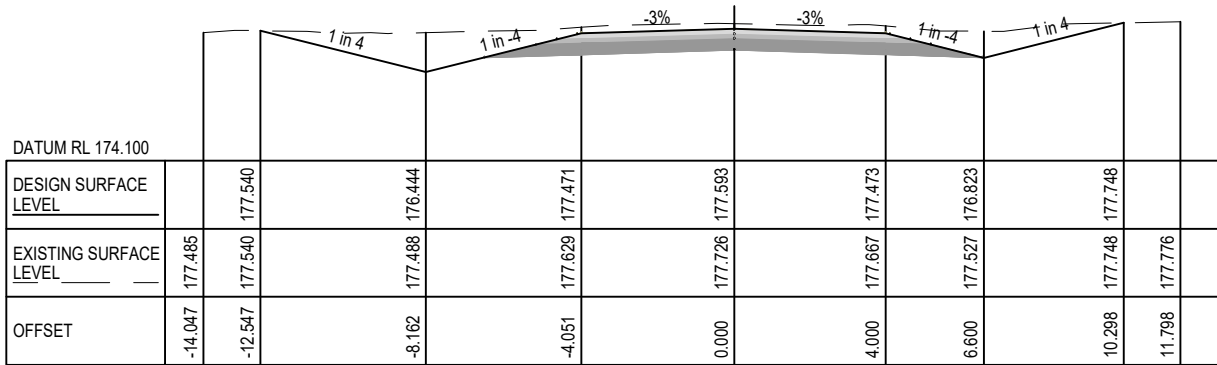
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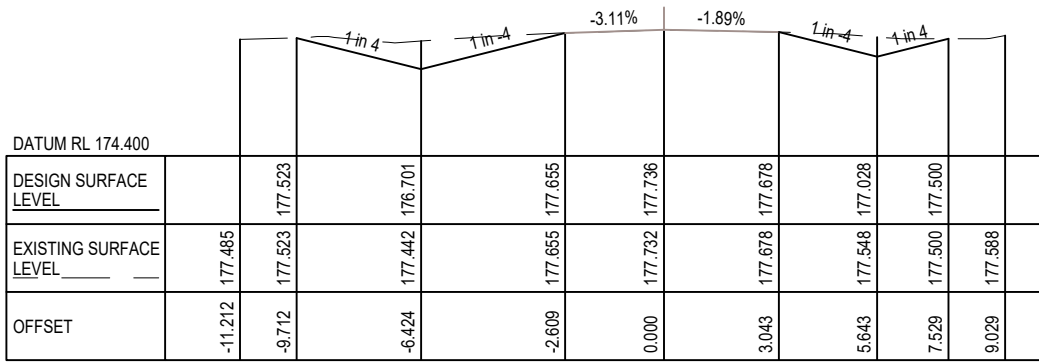
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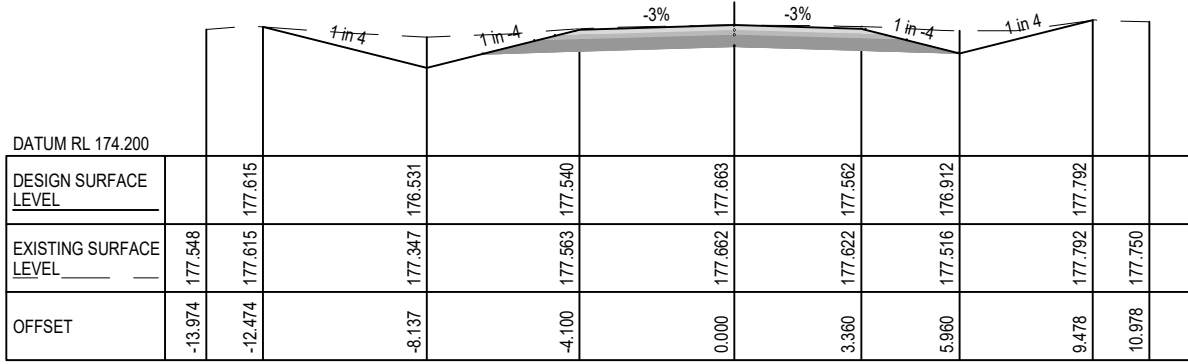
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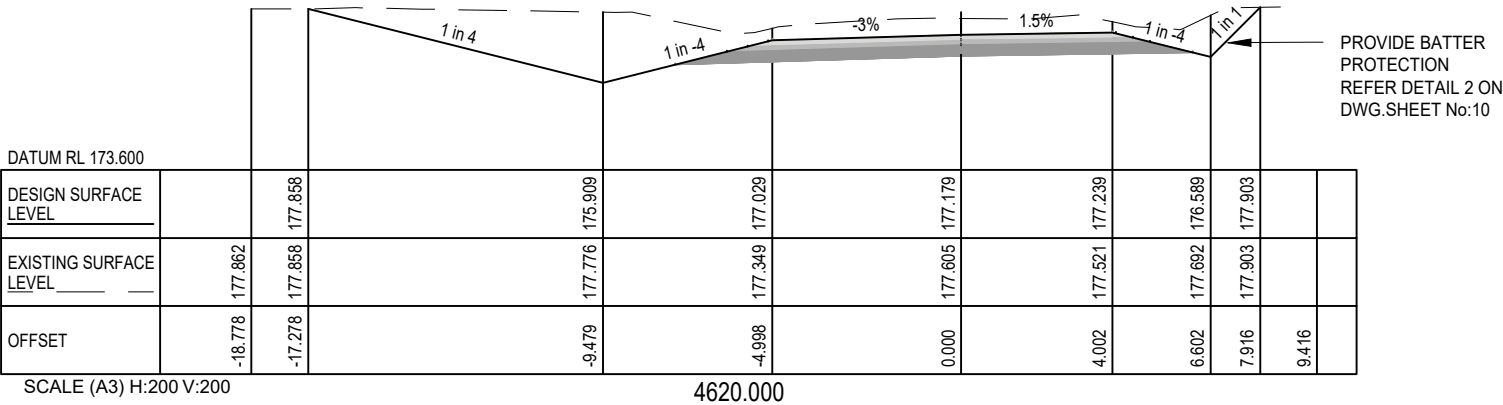
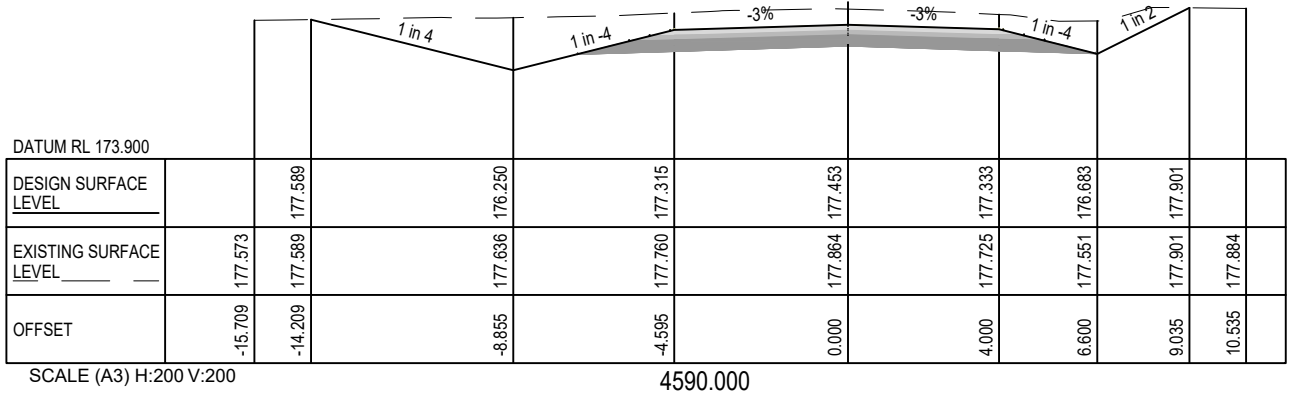
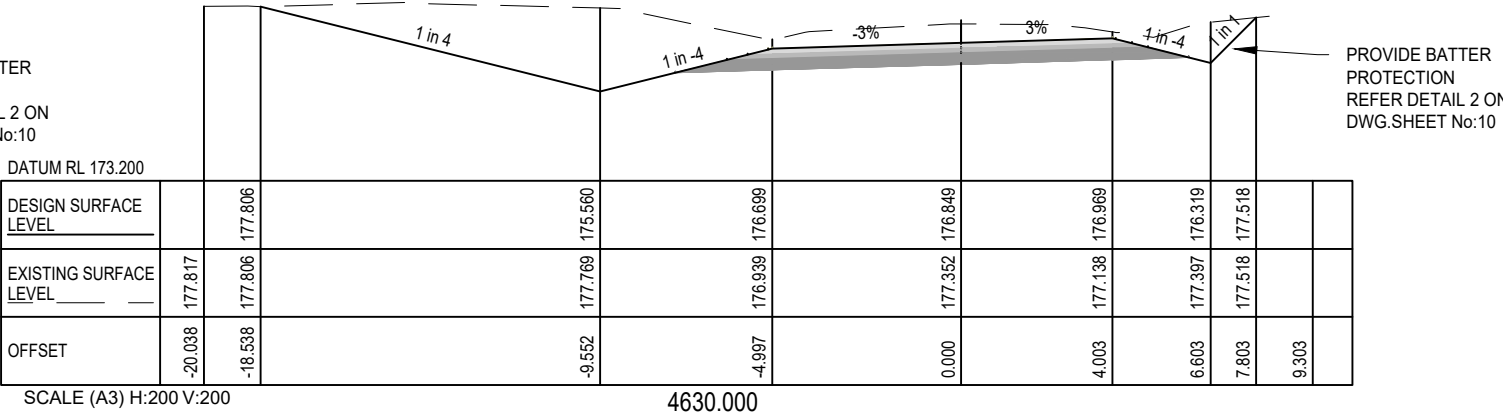
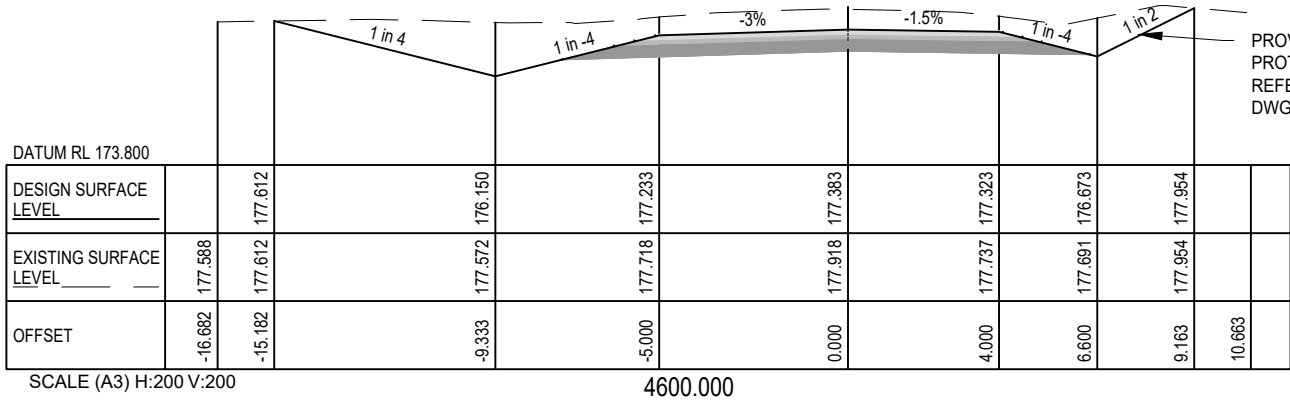
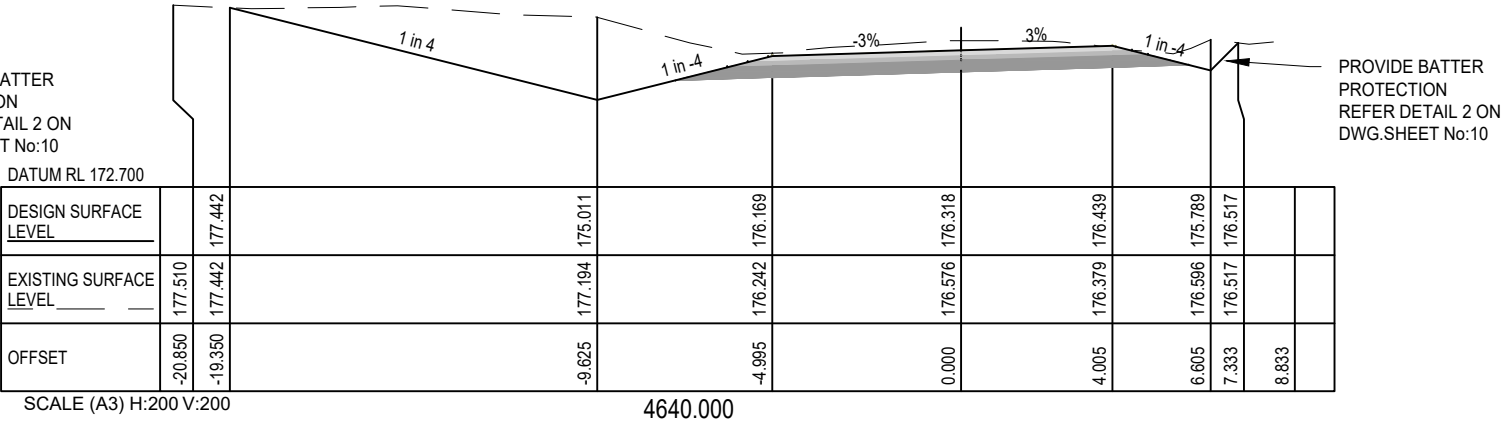
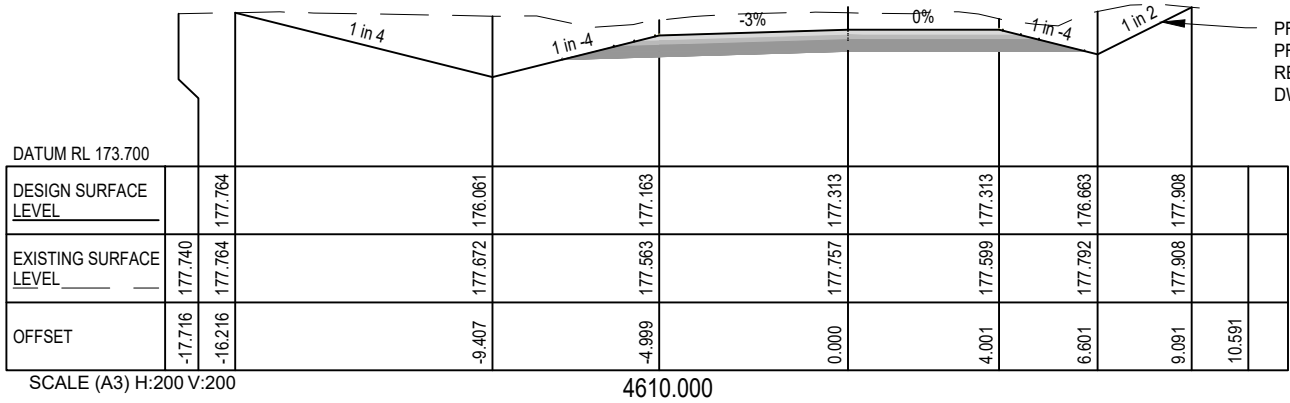
(START OF NEW PAVEMENT)

WARNING

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FOR CONSTRUCTION

				M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960			
1	ISSUE FOR CONSTRUCTION	14/09/2023	General Notes:	Drawn	MIW		CROSS SECTIONS - CH.4530 TO CH.4580			
C	FOR REVIEW	23/06/2023		N.GARVEY	P. MEREDITH					
B	FOR REVIEW	17/02/2023		A/MTS	A/DIS RPEQ 15268					
A	FOR REVIEW	20/09/2022					Scale	Dwg. No.	Sheet	Issue
No.	Revision	Date					AS SHOWN	0113-0019-9005-016	16 OF 33	1



SCALES- Hor. 1:200(A3) Ver. 1:200(A3)

FOR CONSTRUCTION

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1	ISSUE FOR CONSTRUCTION	14/09/2023
C	FOR REVIEW	23/06/2023
B	FOR REVIEW	17/02/2023
A	FOR REVIEW	20/09/2022
No.	Revision	Date

General Notes:

M KASINADHUNI

I JOHNSON

Drawn

MIW

N.GARVEY

P. MEREDITH

A/MTS

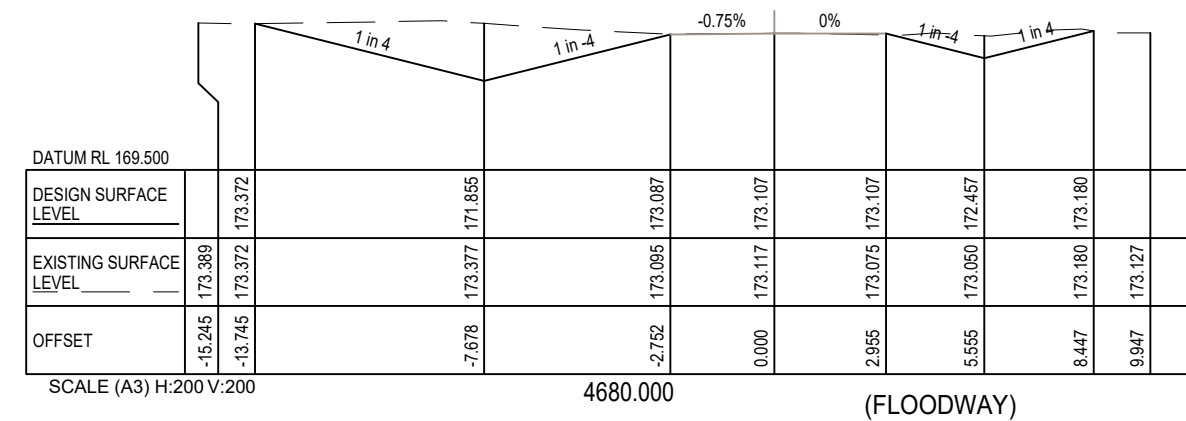
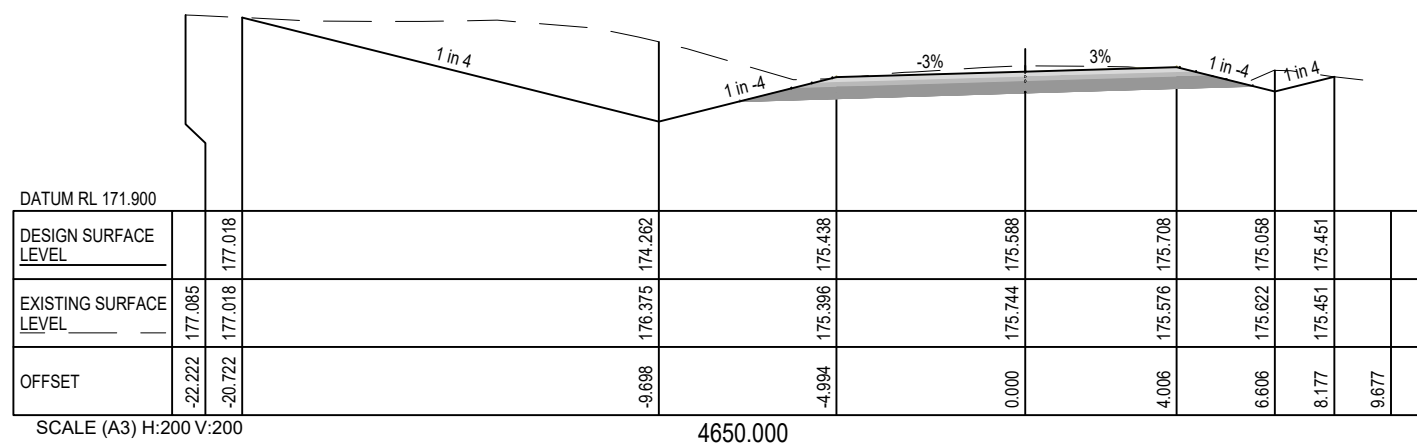
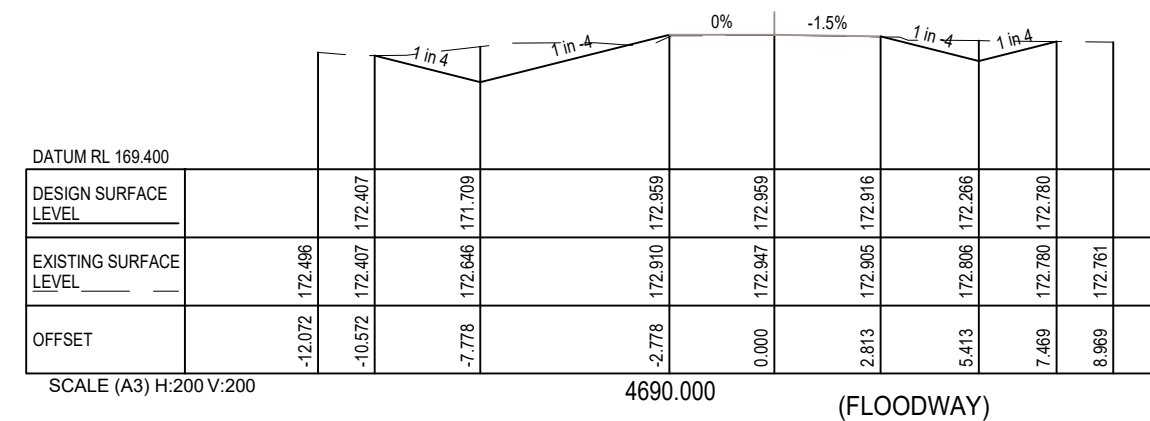
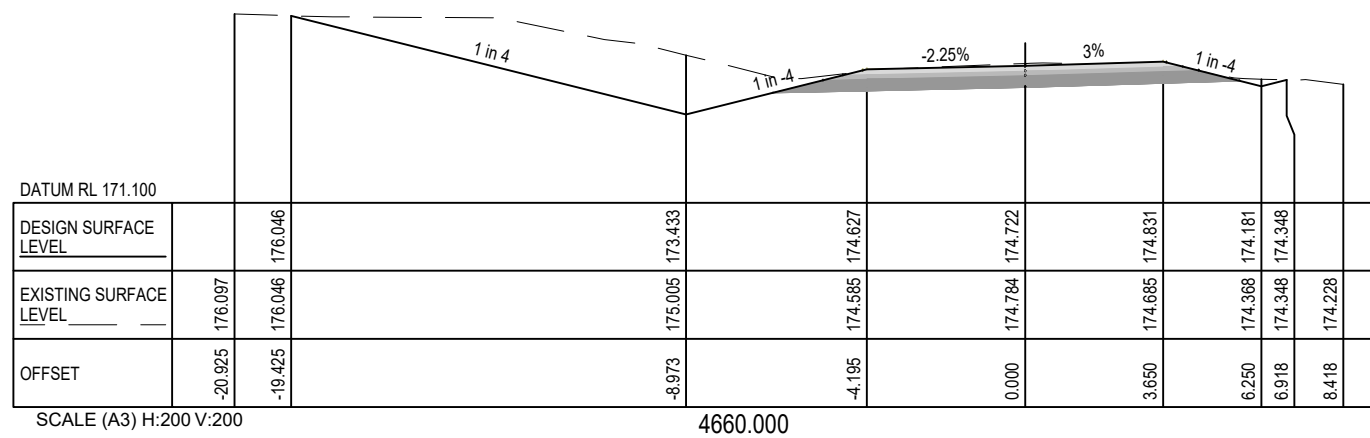
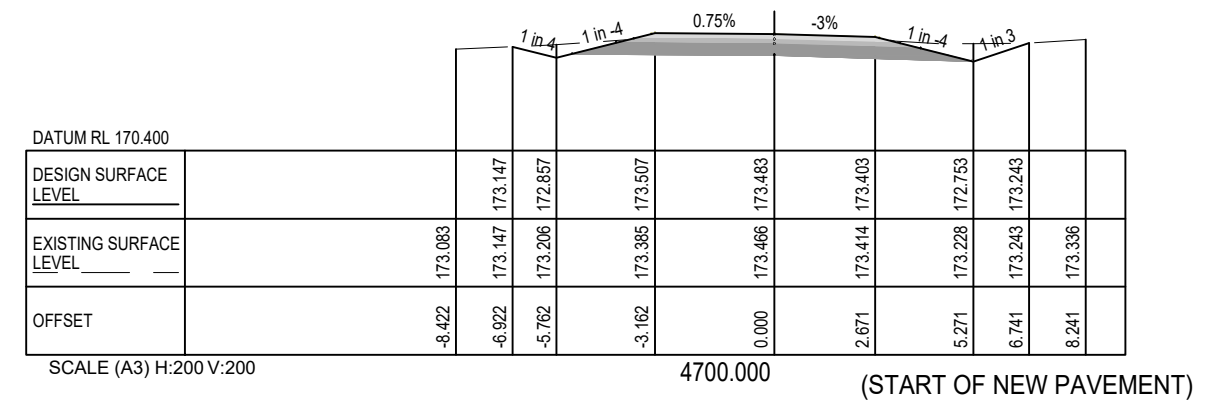
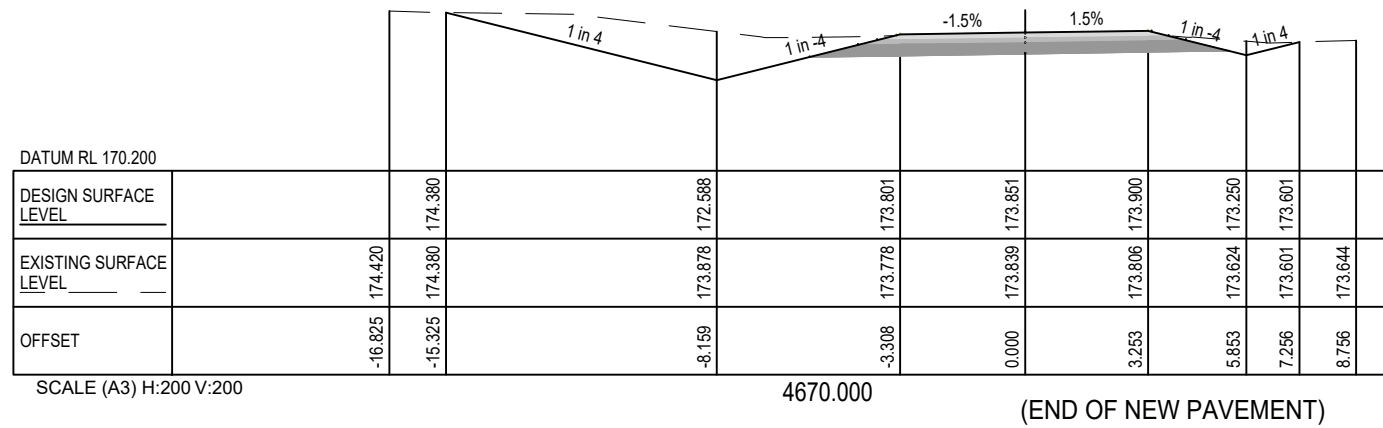
A/DIS

RPEQ 15268



BAILEYS LANE, BILOELA , CH4285 - CH4960
CROSS SECTIONS - CH.4590 TO CH.4640

Scale	Dwg. No.	Sheet	Issue
AS SHOWN	0113-0019-9005-017	17 OF 33	1




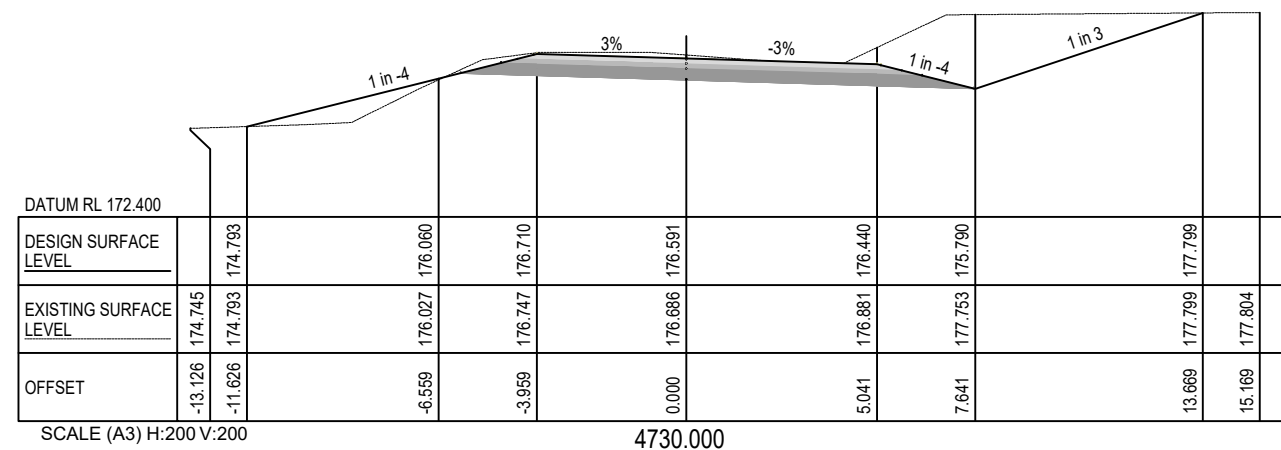
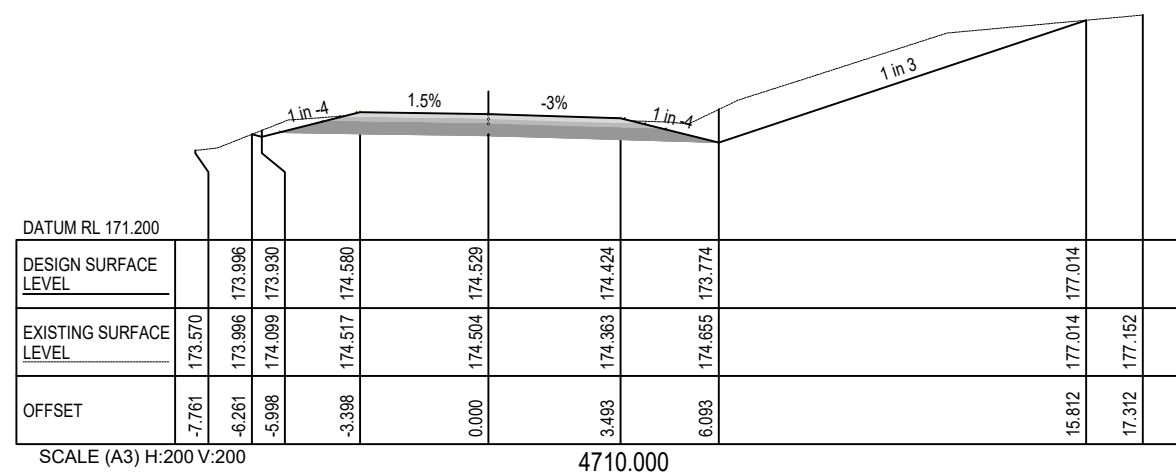
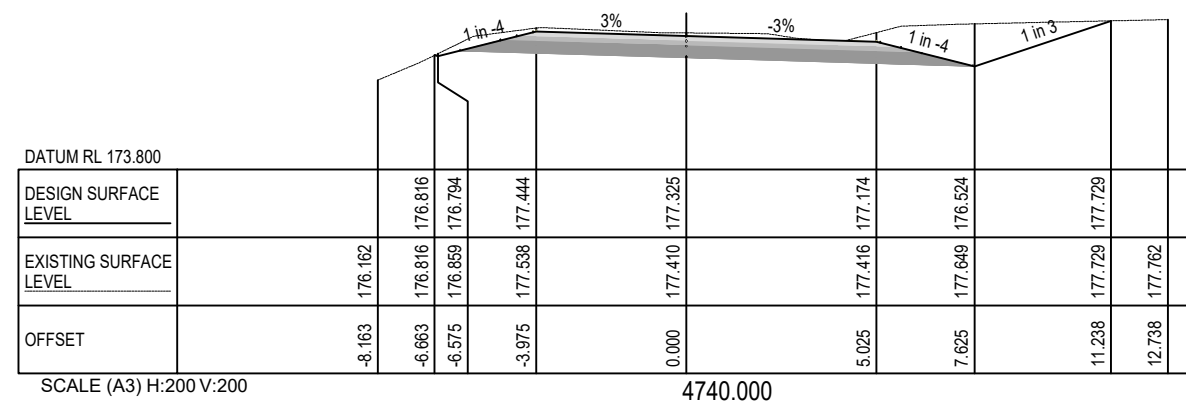
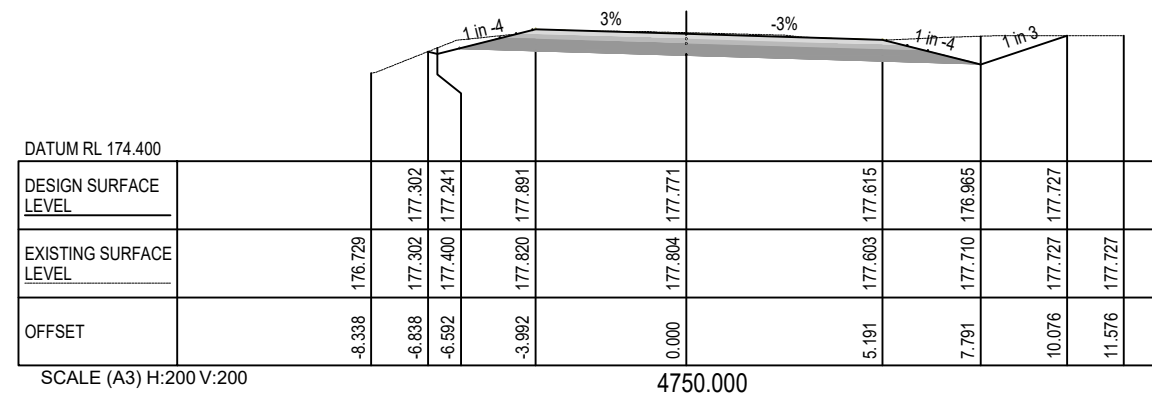
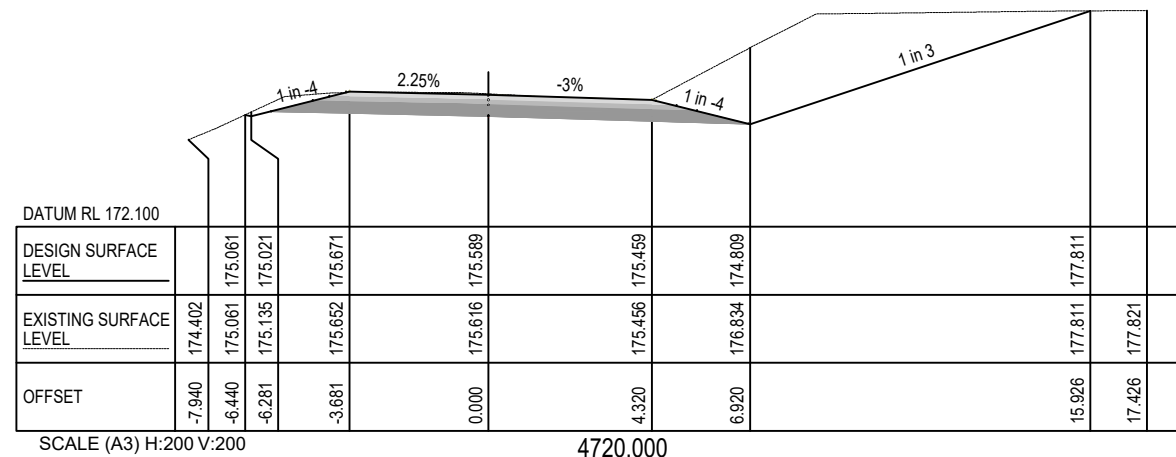
SCALES- Hor. 1:200(A3) Ver. 1:200(A3)

WARNING

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FOR CONSTRUCTION

			M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960 CROSS SECTIONS - CH.4650 TO CH.4700			
1	ISSUE FOR CONSTRUCTION	14/09/2023							
C	FOR REVIEW	23/06/2023	Drawn	MIW					
B	FOR REVIEW	17/02/2023	N.GARVEY	P. MEREDITH					
A	FOR REVIEW	20/09/2022							
No.	Revision	Date	A/MTS	A/DIS RPEQ 15268					
General Notes:						Scale AS SHOWN	Dwg. No. 0113-0019-9005-018	Sheet 18 OF 33	Issue 1




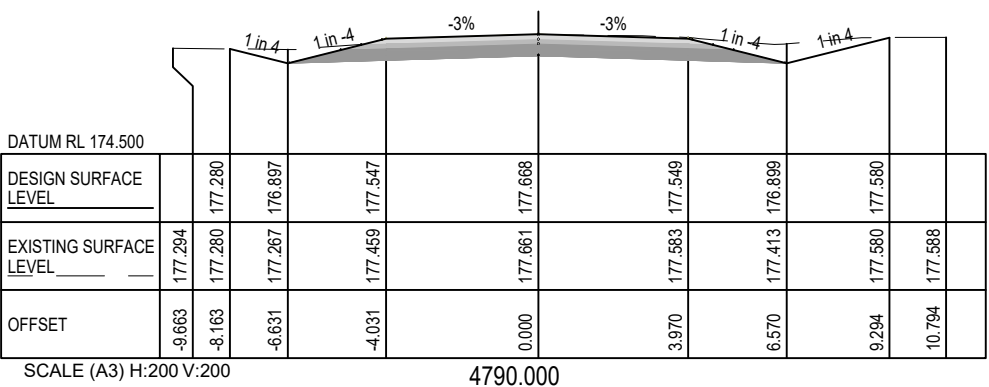
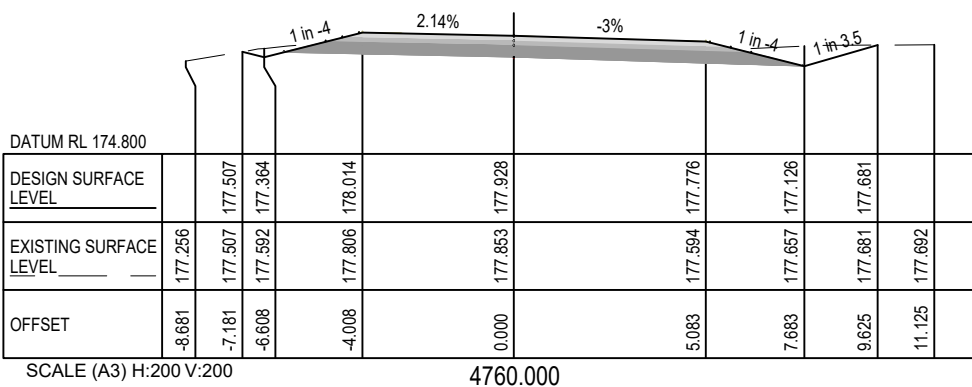
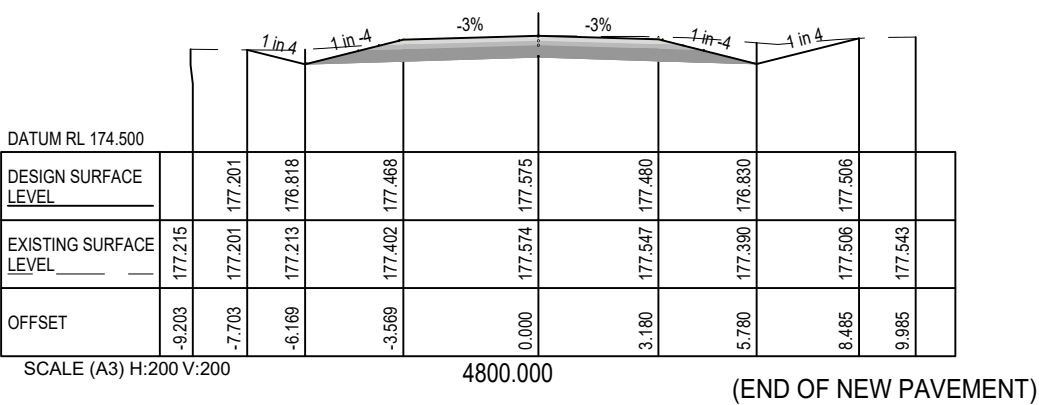
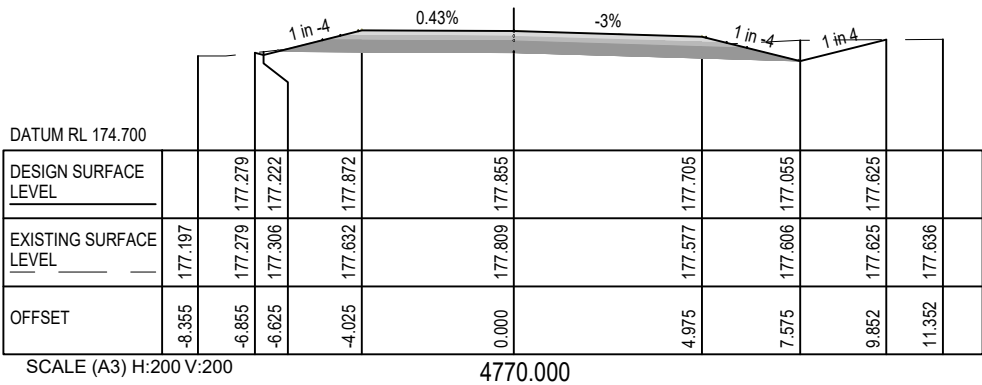
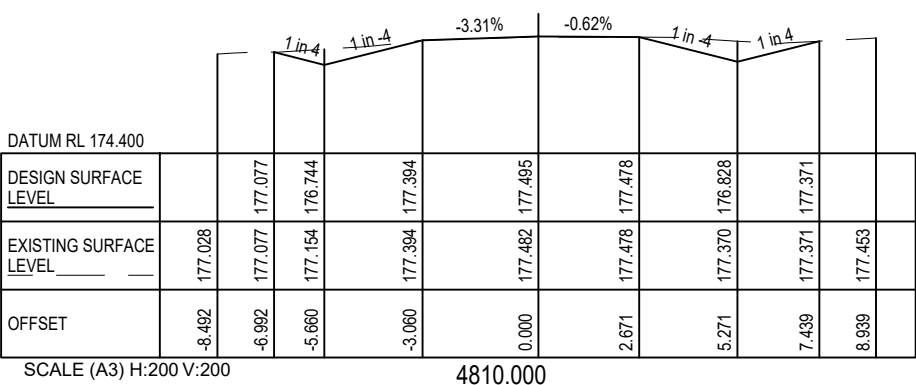
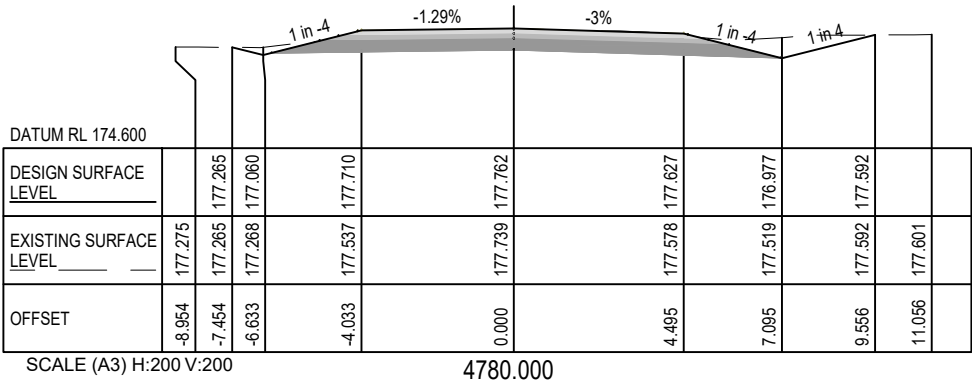
*** WARNING ***

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FOR CONSTRUCTION

SCALES- Hor. 1:200(A3) Ver. 1:200(A3)

			General Notes:	M KASINADHUNI	I JOHNSON	 Banana SHIRE	BAILEYS LANE, BILOELA , CH4285 - CH4960 CROSS SECTIONS - CH.4710 TO CH.4750			
1	ISSUE FOR CONSTRUCTION	14/09/2023								
C	FOR REVIEW	23/06/2023								
B	FOR REVIEW	17/02/2023								
A	FOR REVIEW	20/09/2022								
No.	Revision	Date		Drawn N.GARVEY	MIW P. MEREDITH		Scale AS SHOWN	Dwg. No. 0113-0019-9005-019	Sheet 19 OF 33	Issue 1
				A/MTS	A/DIS RPEO 15268					



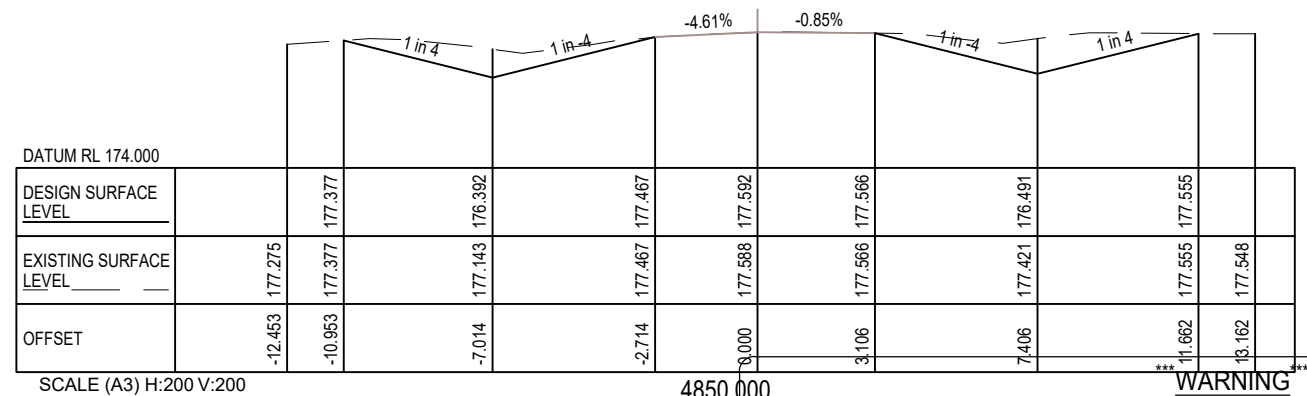
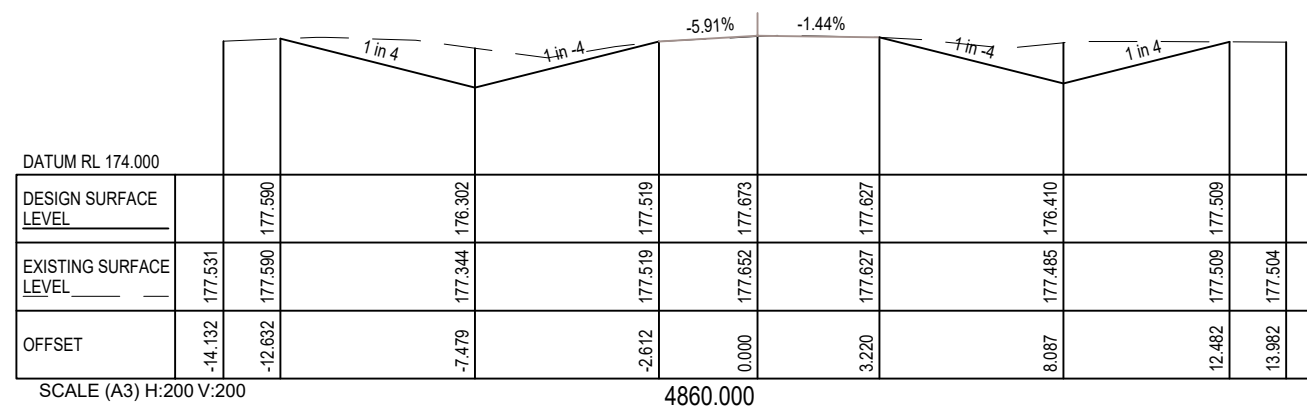
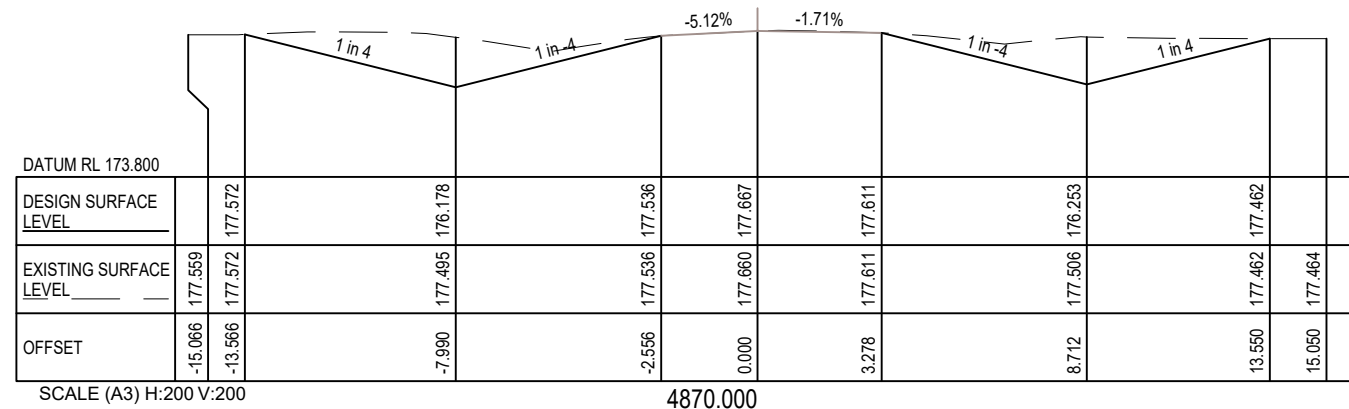
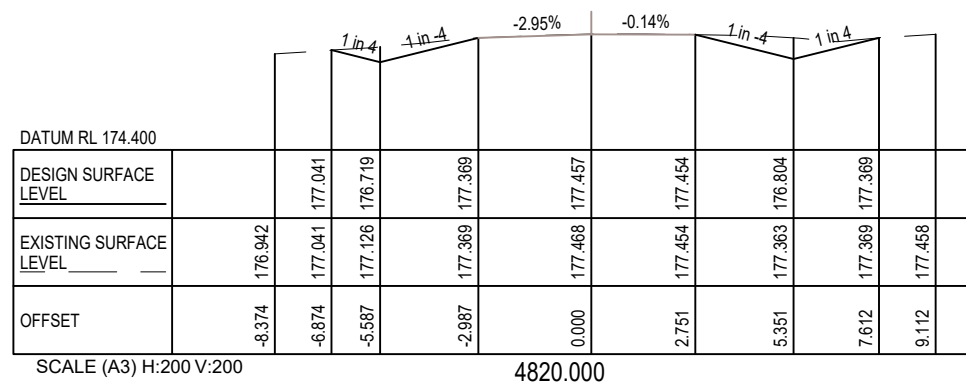
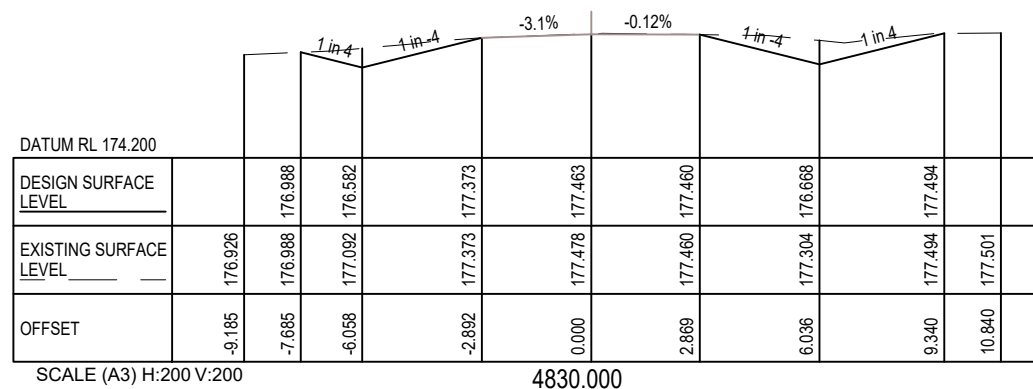
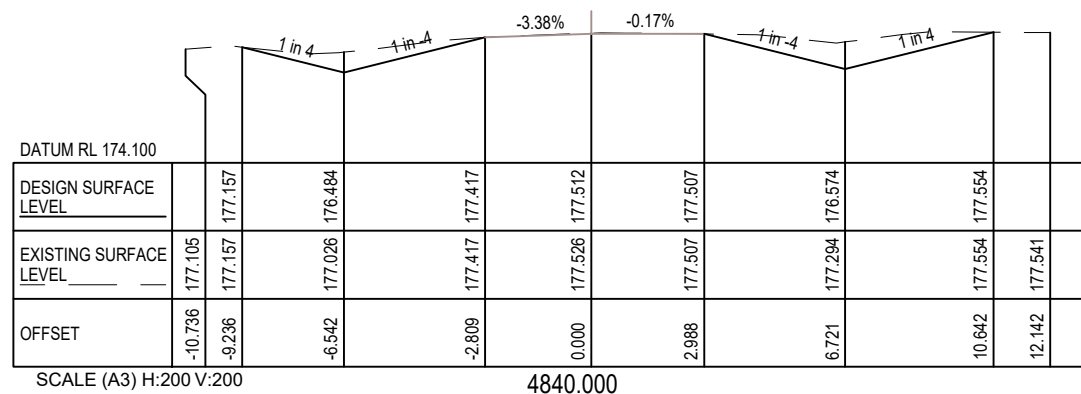
WARNING

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SCALES- Hor. 1:200(A3) Ver. 1:200(A3)


FOR CONSTRUCTION

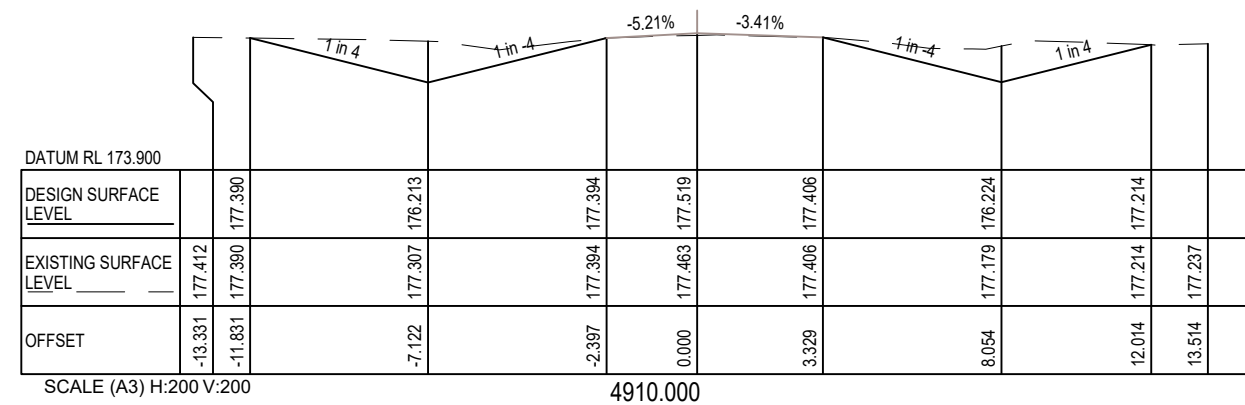
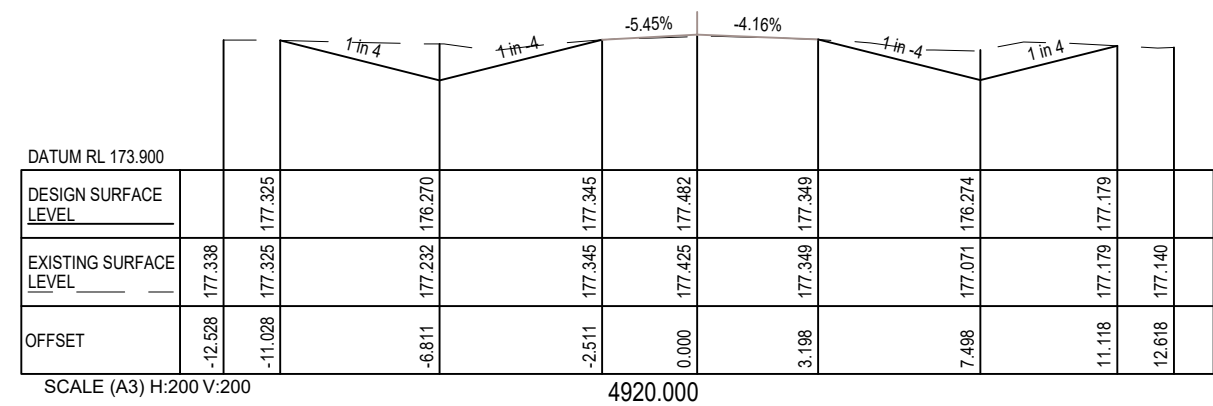
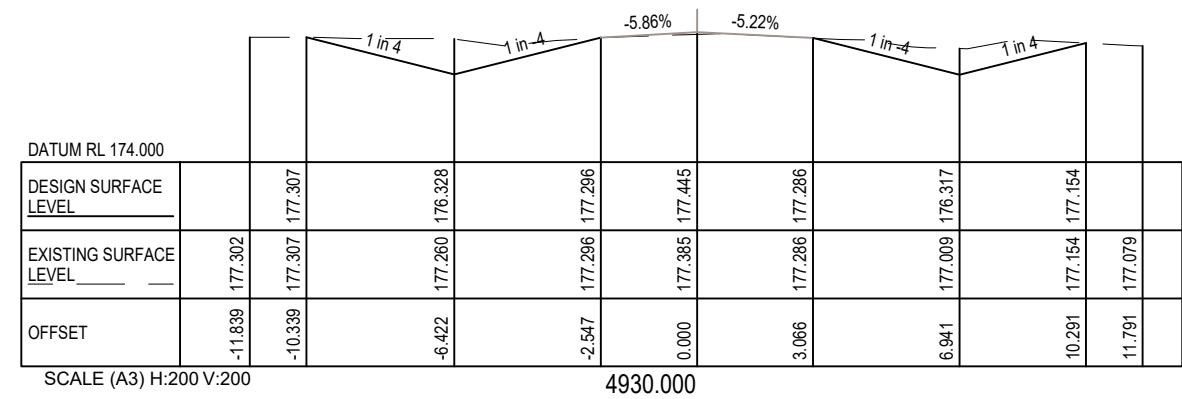
				M KASINADHUNI	I JOHNSON					BAILEYS LANE, BILOELA , CH4285 - CH4960
1	ISSUE FOR CONSTRUCTION	14/09/2023		Drawn	MIW					CROSS SECTIONS - CH.4760 TO CH.4810
C	FOR REVIEW	23/06/2023		N.GARVEY	P. MEREDITH					
B	FOR REVIEW	17/02/2023								
A	FOR REVIEW	20/09/2022								
No.	Revision	Date	General Notes:	A/MTS	A/DIS RPEQ 15268				Scale AS SHOWN	Dwg. No. 0113-0019-9005-020
									Sheet 20 OF 33	Issue 1



The location of existing public utilities shown on these drawings is approximate only and in some cases may be inaccurate or incomplete. No responsibility is accepted for nor is any guarantee made as to the accuracy of the locations shown that have been plotted from information provided by the relevant public utility authorities. The attention of the user of these drawings is directed to the possible existence of underground public utilities and private service lines not shown or at locations different from those shown on these drawings. It is the responsibility of those persons using these drawings to confirm the existence of all public utilities and private service lines within the vicinity of the works in conjunction with the relevant public utility authority and/or by physical location.

SCALES- Hor. 1:200(A3) Ver. 1:200(A3)


			M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960 CROSS SECTIONS - CH.4820 TO CH.4870									
1	ISSUE FOR CONSTRUCTION	14/09/2023													
C	FOR REVIEW	23/06/2023				Drawn	MIW	Scale	AS SHOWN	Dwg. No.	0113-0019-9005-021	Sheet	21 OF 33	Issue	1
B	FOR REVIEW	17/02/2023				N.GARVEY	P. MEREDITH								
A	FOR REVIEW	20/09/2022													
No.	Revision	Date	General Notes:		A/MTS	A/DIS	RPEQ	15268							



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FOR CONSTRUCTION

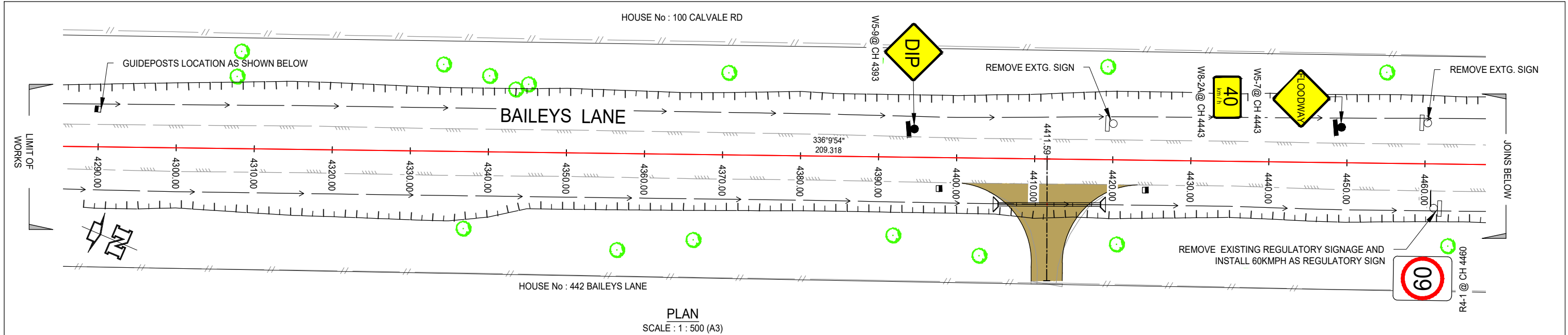
			General Notes:	M KASINADHUNI	I JOHNSON	 Banana SHIRE SHIRE OF OPPORTUNITY	BAILEYS LANE, BILOELA , CH4285 - CH4960 CROSS SECTIONS - CH.4880 TO CH.4930			
1	ISSUE FOR CONSTRUCTION	14/09/2023		Drawn	MIW		ScaleAS SHOWN	Dwg. No. 0113-0019-9005-022	Sheet 22 OF 33	Issue 1
C	FOR REVIEW	23/06/2023		N.GARVEY	P. MEREDITH					
B	FOR REVIEW	17/02/2023		A/MTS	A/DIS RPEQ 15268					
A	FOR REVIEW	20/09/2022								
No.	Revision	Date								



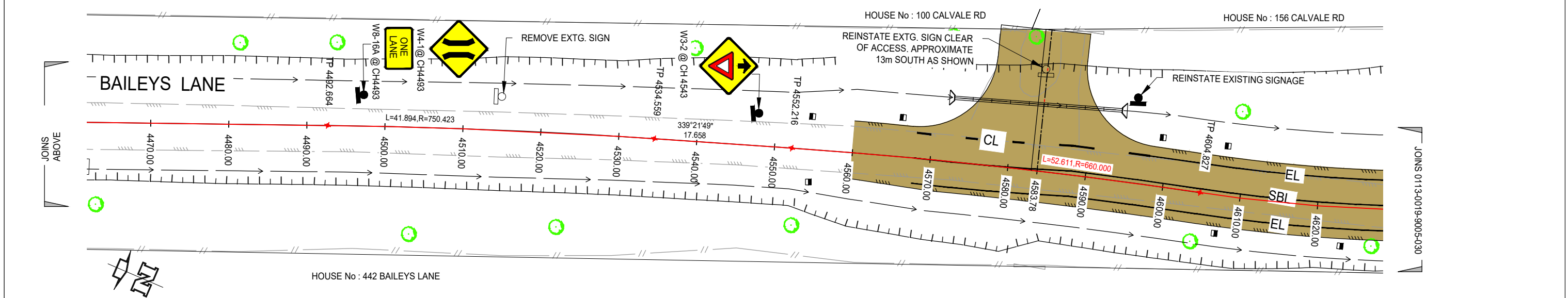
SCALES- Hor. 1:200(A3) Ver. 1:200(A3)

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				M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960 CROSS SECTIONS - CH.4940 TO CH.4960			
1	ISSUE FOR CONSTRUCTION	14/09/2023								
C	FOR REVIEW	23/06/2023		Drawn	MIW					
B	FOR REVIEW	17/02/2023		N.GARVEY	P. MEREDITH					
A	FOR REVIEW	20/09/2022								
No.	Revision	Date	General Notes:	A/MTS	A/DIS RPEQ 15268					



PLAN
SCALE : 1 : 500 (A3)



PLAN
SCALE : 1 : 500 (A3)

- LEGEND**
- PROPOSED GUIDE POSTS
 - PROPOSED EDGE OF BITUMEN
 - PROPOSED TOP OF EMBANKMENT
 - PROPOSED TABLE DRAIN INVERT
 - PROPOSED DRIVEWAY
 - PROPOSED ROAD SIGN
 - ALIGNMENT
 - EXISTING TREE
 - EXISTING ROAD SIGN
 - EXISTING FENCELINE
 - EXISTING GATE


PAVEMENT MARKING LEGEND		
Not to Scale		
All markings to be as per MUTCD Part 2 or Guide to Pavement Markings Part B.		
LONGITUDINAL MARKINGS		
SBL Single Barrier Line 152.030m		Width: 100mm Colour: White
EL Edge Line 415.891m		Width: 100mm Colour: White
TRANSVERSE MARKINGS		
CL Continuity Line 29.954m	1m stripe, 3m gap	Width: 200mm Colour: White

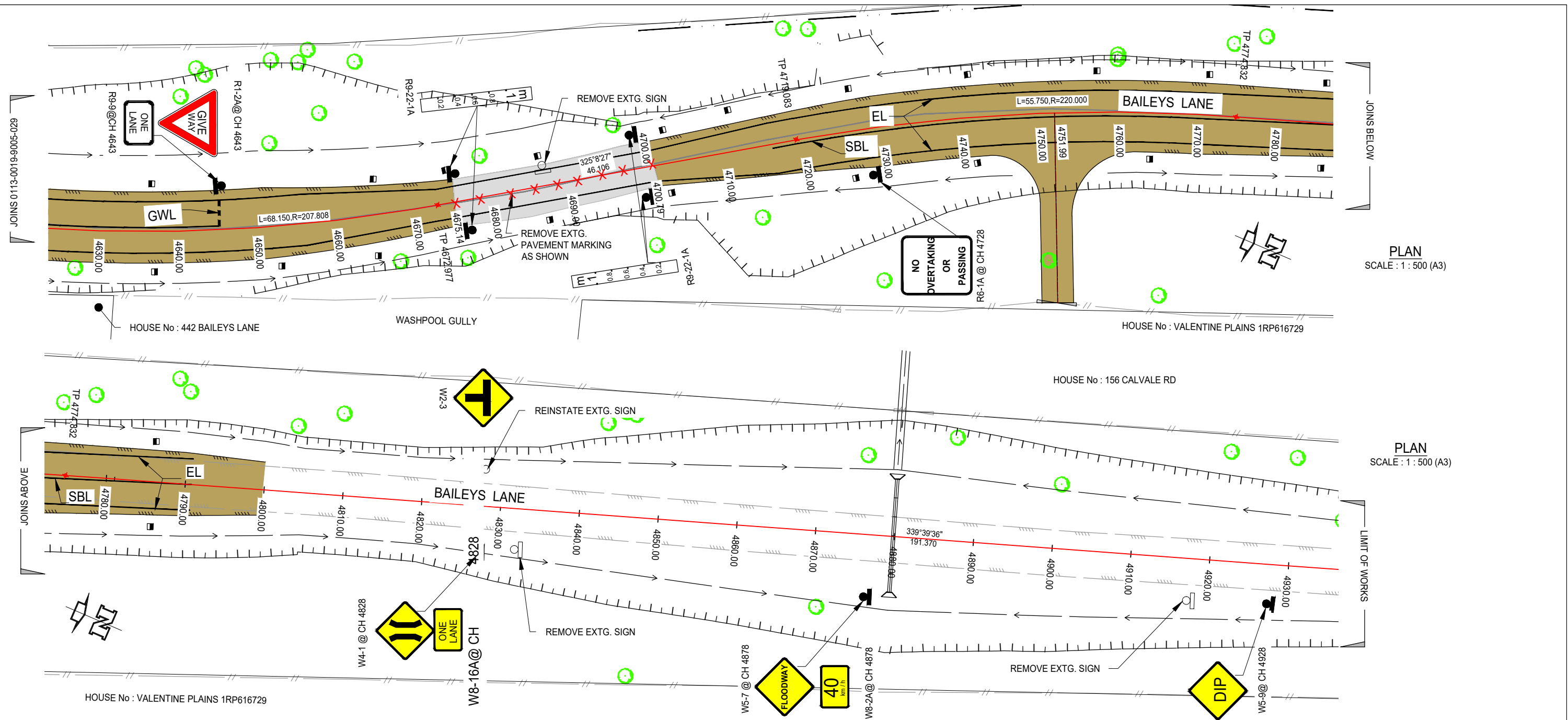
NOTE:
1. REPLACE ALL EXISTING GUIDEPOSTS AS PER THESE DRAWINGS

GUIDEPOSTS SETOUT LOCATION:	
<u>EAST SIDE CHAINAGES:</u>	<u>WEST SIDE CHAINAGES:</u>
CH4290	CH4290
CH4399.20	CH4554
CH4423.21	CH4567.46
CH4554	CH4598.28
CH4606	CH4606
CH4621	

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FOR CONSTRUCTION

			M KASINADHUNI		I JOHNSON			BAILEYS LANE, BILOELA , CH4285 - CH4960 PAVEMENT MARKING & SIGNAGE PLAN - CH.4290.0 TO CH.4620.0					
1	ISSUE FOR CONSTRUCTION	14/09/2023	Drawn		MIW			Scale	AS SHOWN	Dwg. No. 0113-0019-9005-029	Sheet 29 OF 33	Issue 1	
C	FOR REVIEW	23/06/2023	N.GARVEY		P. MEREDITH								
B	FOR REVIEW	17/02/2023	A/MTS		A/DIS RPEQ 15268								
A	FOR REVIEW	20/09/2022											
No.	Revision	Date	General Notes:										



PLAN
SCALE : 1 : 500 (A3)

PLAN
SCALE : 1 : 500 (A3)

PAVEMENT MARKING LEGEND		
Not to Scale		
All markings to be as per MUTCD Part 2 or Guide to Pavement Markings Part B.		
LONGITUDINAL MARKINGS		
SBL Single Barrier Line 152.030m		Width: 100mm Colour: White
EL Edge Line 415.891m		Width: 100mm Colour: White
TRANSVERSE MARKINGS		
GWL Give Way Line 3.252m	0.6m stripe, 0.6m gap 	Width: 300mm Colour: White

GUIDEPOSTS SETOUT LOCATION:			
EAST SIDE CHAINAGES:		WEST SIDE CHAINAGES:	
CH4621	CH4701	CH4636	CH4726H4786
CH4636	CH4726	CH4666	CH4741
CH4651	CH4743.42	CH4675.14	CH4756
CH4666	CH4762.45	CH4686	CH4771
CH4675.14	CH4786	CH4701	
CH4686		CH4711	

LEGEND

	EXISTING TREE
	EXISTING ROAD SIGN
	EXISTING EDGE OF BITUMEN
	EXISTING FENCELINE
	EXISTING GATE
	EXISTING PAVEMENT MARKING

LEGEND

	PROPOSED ROAD SIGN
	PAVEMENT MARKING TO BE REMOVED
	PROPOSED GATE
	EXISTING TOP OF EMBANKMENT
	PROPOSED GUIDE POSTS
	PROPOSED EDGE OF BITUMEN
	PROPOSED TOP OF EMBANKMENT
	PROPOSED TABLE DRAIN INVERT
	PROPOSED DRIVEWAY
	ALIGNMENT


NOTE:

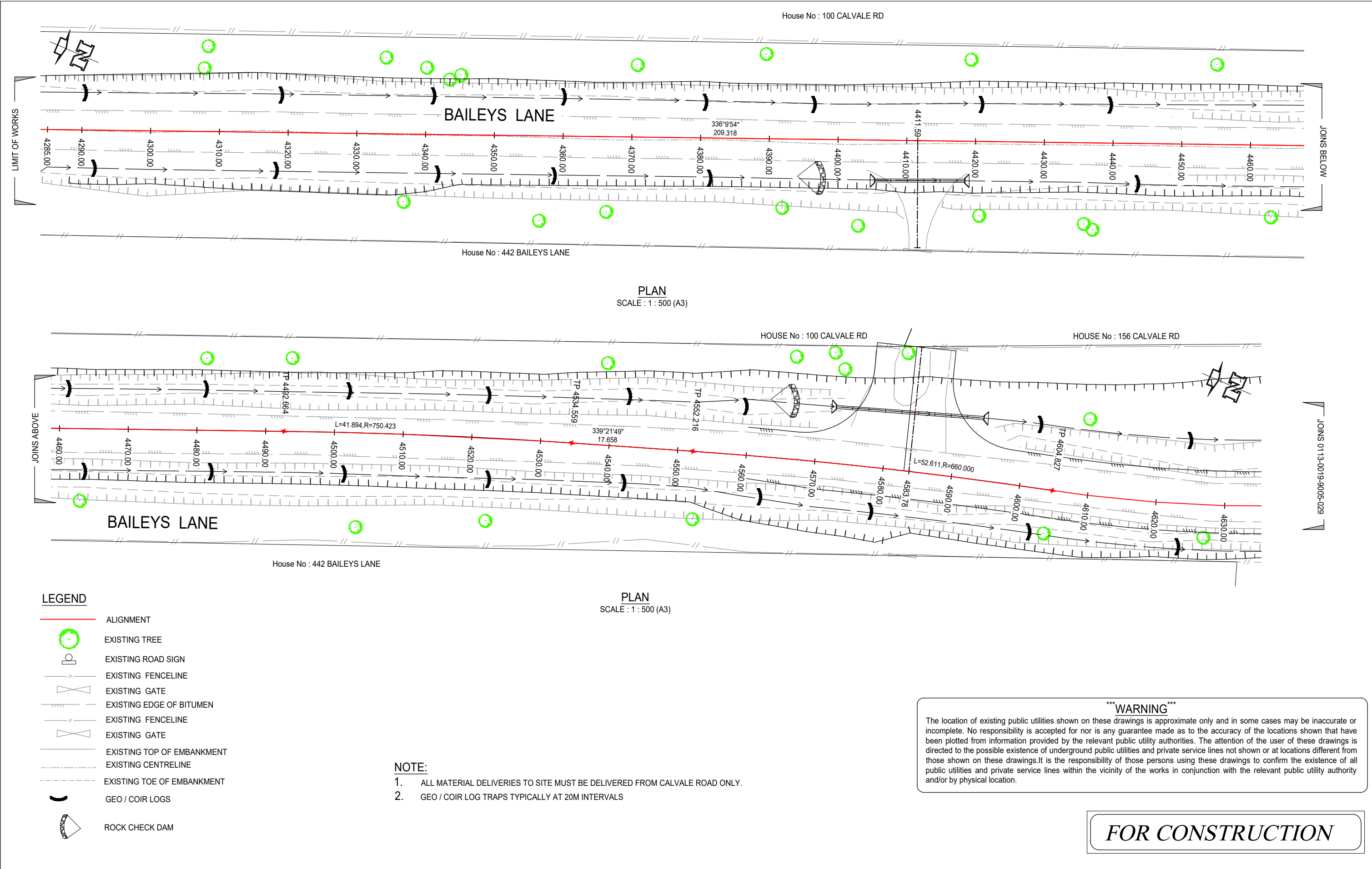
- REPLACE ALL EXISTING GUIDEPOSTS AS PER SPECIFIED LOCATION SHOWN
- REMOVE EXISTING PAVEMENT MARKING ON FLOODWAY SECTION USING WATER BLASTING REMOVAL METHOD.


WARNING

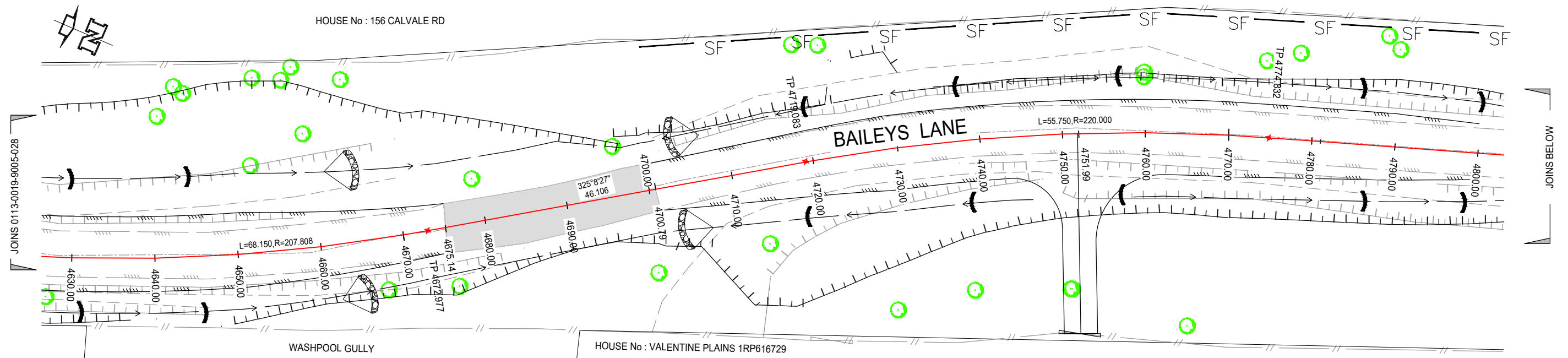
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FOR CONSTRUCTION

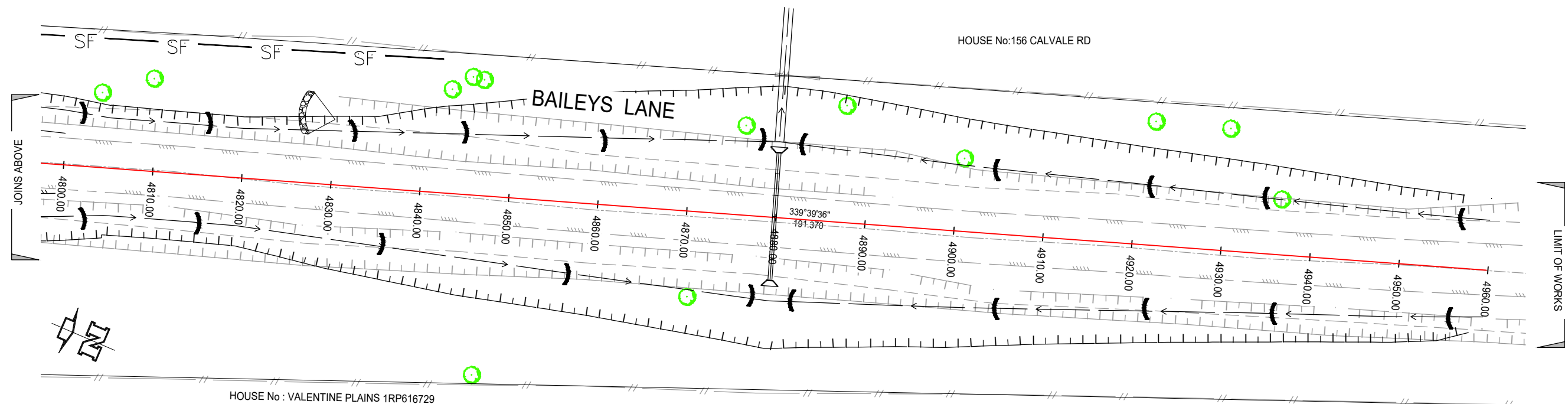
			<div>General Notes:</div>	<div>M KASINADHUNI</div> <div>Drawn</div> <div>N.GARVEY</div> <div>A/MTS</div>	<div>I JOHNSON</div> <div>MIW</div> <div>P. MEREDITH</div> <div>A/DIS RPEQ 15268</div>	<div></div> <div>Banana SHIRE</div> <div>SHIRE OF BANANA</div>	<div>BAILEYS LANE, BILOELA , CH4285 - CH4960</div> <div>PAVEMENT MARKING & SIGNAGE PLAN-CH.4630.0 TO CH.4930.0</div>								
1	ISSUE FOR CONSTRUCTION	14/09/2023					Scale		AS SHOWN	Dwg. No.	0113-0019-9005-030	Sheet	30 OF 33	Issue	1
C	FOR REVIEW	23/06/2023													
B	FOR REVIEW	17/02/2023													
A	FOR REVIEW	20/09/2022													
No.	Revision	Date													



			M KASINADHUNI		I JOHNSON			BAILEYS LANE, BILOELA , CH4285 - CH4960 SEDIMENT & EROSION CONTROL PLAN - CH.4285.0 TO CH.4630.0			
1	ISSUE FOR CONSTRUCTION	14/09/2023	Drawn		MIW						
C	FOR REVIEW	23/06/2023	N.GARVEY		P. MEREDITH						
B	FOR REVIEW	17/02/2023	A/MTS		A/DIS RPEQ 15268						
A	FOR REVIEW	20/09/2022									
No.	Revision	Date	General Notes:				Scale AS SHOWN		Dwg. No. 0113-0019-9005-031	Sheet 31 OF 33	Issue 1



PLAN
SCALE : 1 : 500 (A3)



PLAN
SCALE : 1 : 500 (A3)

LEGEND

- EXISTING TREE
- EXISTING ROAD SIGN
- EXISTING EDGE OF BITUMEN
- EXISTING FENCELINE
- EXISTING GATE
- EXISTING TOP OF EMBANKMENT
- ALIGNMENT
- EXISTING CENTRELINE
- EXISTING TOE OF EMBANKMENT

LEGEND

- GEO / COIR LOGS
- SEDIMENT FENCE
- ROCK CHECK DAM


NOTE:

- ALL MATERIAL TO SITE MUST BE DELIVERED FROM CALVALE ROAD ONLY.
- GEO / COIR LOG TRAPS TYPICALLY AT 20m INTERVALS

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FOR CONSTRUCTION

			General Notes:	M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960 SEDIMENT & EROSION CONTROL PLAN-CH.4630.0 TO CH.4960.0					
1	ISSUE FOR CONSTRUCTION	14/09/2023		Drawn	MIW							
C	FOR REVIEW	23/06/2023		N.GARVEY	P. MEREDITH							
B	FOR REVIEW	17/02/2023		A/MTS	A/DIS		RPEQ 15268	Scale	AS SHOWN	Dwg. No. 0113-0019-9005-032	Sheet 32 OF 33	Issue 1
A	FOR REVIEW	20/09/2022										
No.	Revision	Date										

ACCEPTANCE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.

ALL EXISTING TREES (IF ABLE) ARE TO BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:

- A PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE.
- B ENSURING THAT NOTHING IS NAILED TO THEM.
- C PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS.
 - I ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 1.5m OR HALF DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICHEVER IS THE GREATER.
 - II A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (EG, A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300mm DEPTH.
 - III CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.

G1	THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS, AND ANY OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED BY COUNCIL'S SUPERVISOR RELATING TO THE MANAGEMENT OF THE SUBJECT SITE.
G2	THE SITE SUPERINTENDENT WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS INSTRUCTED IN THIS SPECIFICATION OR IN ANY SUBSEQUENT SITE INSTRUCTION.
G3	ALL BUILDERS AND SUB-CONTRACTORS WILL BE INFORMED OF THEIR RESPONSIBILITIES BY THE SITE SUPERINTENDENT IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.

E1	TEMPORARY PROTECTION FROM WIND AND WATER EROSION WILL BE UNDERTAKEN ON LANDS WHERE WORKS ARE UNLIKELY TO PROCEED FOR PERIODS OF AT LEAST TWO MONTHS AND FINAL SHAPING HAS NOT BEEN COMPLETED (EG, TOPSOIL STOCKPILES). THIS MAY BE ACHIEVED WITH A VEGETATIVE COVER.
E2	DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS ARE TO BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER FOR DUST CONTROL.

L1 THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE AND PRACTICAL. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING GENERAL SEQUENCE:

TE.

A REHABILITATION OF ANY OTHER DISTURBED LANDS WITH 20 WORKING DAYS.

B UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. WHERE POSSIBLE - THE CONTRACTOR IS TO PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

IAL

S.

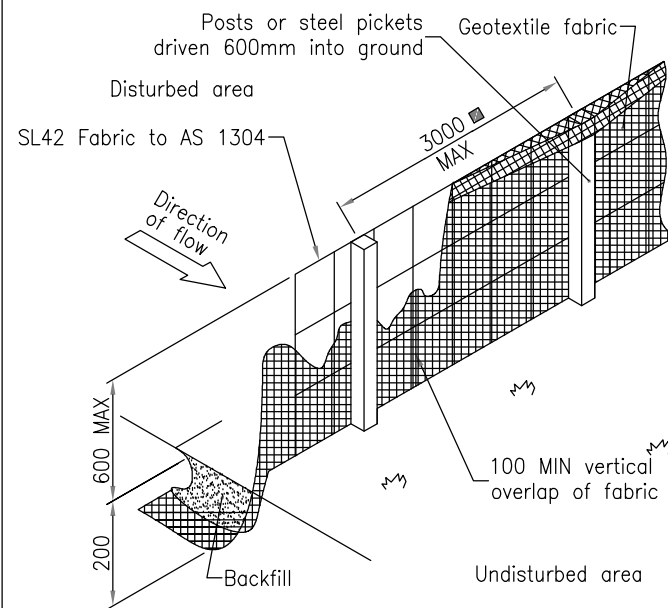
L2 ALL BATTERS ARE TO BE TOPSOILED AND REVEGETATED TO PREVENT EROSION AT COMPLETION OF THE EARTHWORKS

M1 RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER ARE TO BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE SHALL BE IN A MANNER APPROVED BY COUNCIL'S SUPERVISOR AND GENERALLY OFF SITE.

M2 AT LEAST WEEKLY, THE CONTRACTOR WILL INSPECT THE SITE AND ENSURE THAT:

- A DRAINS OPERATE EFFECTIVELY AND INITIATE REPAIR OR MAINTENANCE AS REQUIRED.
- B SPILLED SOIL (OR OTHER MATERIAL) IS REMOVED FROM HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS, GUTTERS, PAVED AREAS AND DRIVEWAYS.
- C SEDIMENT IS REMOVED FROM ALL TRAPS WHEN LESS THAN 20m OF TRAPPING CAPACITY REMAIN PER 1,000m OF DISTURBED LANDS. ANY COLLECTED SEDIMENT WILL BE DISPOSED OF IN AREAS WHERE FURTHER POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS IS UNLIKELY.
- D REHABILITATED LANDS HAVE EFFECTIVELY REDUCED THE EROSION HAZARD AND INITIATE UPGRADING OR REPAIRS AS APPROPRIATE.

- S1 STOCKPILES ARE NOT BE LOCATED WITHIN 2m OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS, PAVED AREAS AND DRIVEWAYS. WHERE THEY ARE BETWEEN 2m AND 5m FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, EG, THROUGH INSTALLATION OF "SILT" FENCING.
- S2 ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) IS TO BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
- S3 WATER IS TO BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS THE CATCHMENT AREA HAS BEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
- S4 TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES ARE TO BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED AND WHEN REMOVAL IS APPROVED BY THE SITE SUPERINTENDENT.



Height 0.6m max.
Spillway at least 0.15m below sides.

Batter slope 1:2 or less.

Direction of flow.

Geotextile embedded 0.2m min.

Course aggregate wrapped in geotextile.

0.2m


The diagram shows a cross-section of a riverbank with a log structure. A rock check dam is placed behind the log. Labels indicate the 'Top of stake level with top of log', 'Swine tie', and 'Notch'. A note states: 'Optional placement of rock check dams behind the logs at maximum 3m spacing to reduce the risk of bank erosion caused by overtopping flows'.

REFER ICEA MANUAL FOR SPECIFICATIONS. STD DRG SD-LOG-1

NOTE:

1. ALL MATERIAL DELIVERIES TO SITE MUST BE DELIVERED FROM CALVALE ROAD ONLY.
2. GEO / COIR LOG TRAPS TYPICALLY AT 20M INTERVALS

FOR CONSTRUCTION

			General Notes:	M KASINADHUNI	I JOHNSON		BAILEYS LANE, BILOELA , CH4285 - CH4960 SEDIMENT & EROSION CONTROL MEASURES				
1	ISSUE FOR CONSTRUCTION	14/09/2023									
C	FOR REVIEW	23/06/2023			Drawn		MIW				
B	FOR REVIEW	17/02/2023			N.GARVEY		P. MEREDITH				
A	FOR REVIEW	20/09/2022									
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