BAILEYS LANE, BILOELA PAVEMENT WIDENING CH1260 TO CH1345 IDP ID NO. 22/23 0112-0019-0000

CONSTRUCTION NOTE

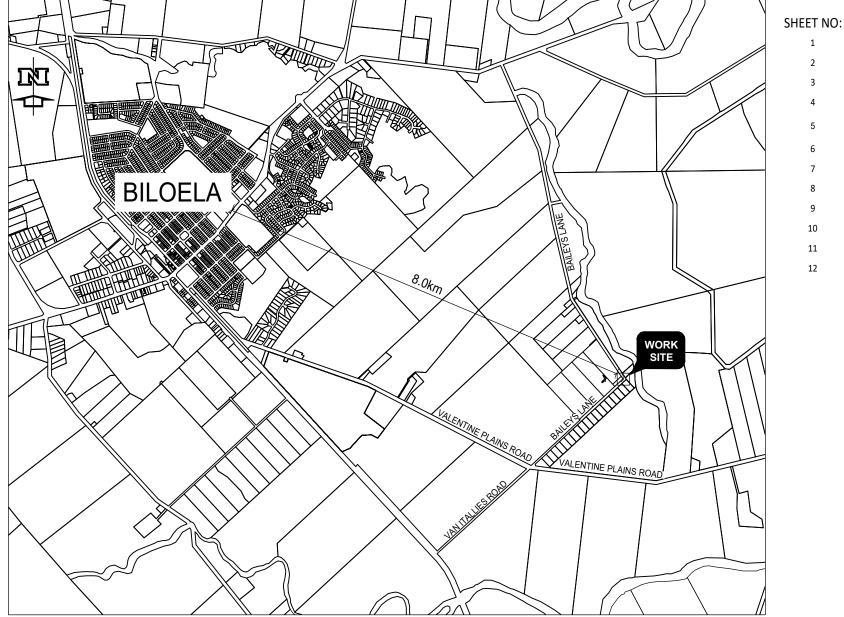
1. FILL SHALL BE PLACED AND COMPACTED TO THE FOLLOWING STANDARDS

a. ROAD EMBANKMENTS SHALL ACHIEVE A MAXIMUM DRY DENSITY RATIO (M.D.D.R.) OF 98% STANDARD.

2. FIELD DENSITY TESTS SHALL BE UNDERTAKEN AT THE FOLLOWING MINIMUM FREQUENCY:

a. EMBANKMENT FILL: 1 TEST/250cu.m OR 1 TEST/200mm OR 1 TEST/200mm THICKNESS/100sq.m (WHICHEVER IS GREATER).

- 3. ROAD PAVEMENT SHALL BE PLACED AND COMPACTED TO ACHIEVE A MINIMUM DRY DENSITY RATIO (M.D.D.R.) OF 95% STANDARD
- 4. ANY DIFFERENCES IN LEVELS SHALL BE NOTIFIED TO THE ENGINEER BEFORE PROCURING MATERIAL OR COMMENCING WORK.
- 5. LOCATION AND LEVELS OF ALL THE EXISTING SERVICES SHALL BE VERIFIED WITH THE RELEVANT AUTHORITIES INCLUDING 'BEFORE YOU DIG AUSTRALIA' PRIOR TO COMMENCING WORK.



PLAN NOT TO SCALE

""WARNING

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				S. NAGARKOTI	I. JOHNSON			
				DESIGN	MIW			
A	FOR CONSTRUCTION	28/08/2023		N. GARVEY	P. MEREDITH			
А	FOR REVIEW	23/06/2023				Banana	www.1100.com.au	Scale
No	b. Revision	Date	General Notes:	МІТ	A/DIS RPE 135268	SHIRE OF OPPORTUNITY		

DRAWING INDEX

DRAWING DESCRIPTION

LOCALITY PLAN AND DRAWING SHEET INDEX GENERAL WORKS PLAN ALIGNMENT SETOUT AND COORDINATION PLAN LONGITUDINAL SECTION - BAILEYS LANE LONGITUDINAL SECTION - PROPERTY ACCESSES AND PIPE INSTALLATION DETAILS PAVEMENT MARKINGS AND SIGNAGE PLAN **CROSS SECTION SHEET 1 OF 4** CROSS SECTION SHEET2 OF 4 CROSS SECTION SHEET 3 OF 4 **CROSS SECTION SHEET 4 OF 4** SEDIMENT CONTROL AND EROSION CONTROL PLAN SEDIMENT CONTROL AND EROSION CONTROL MEASURES

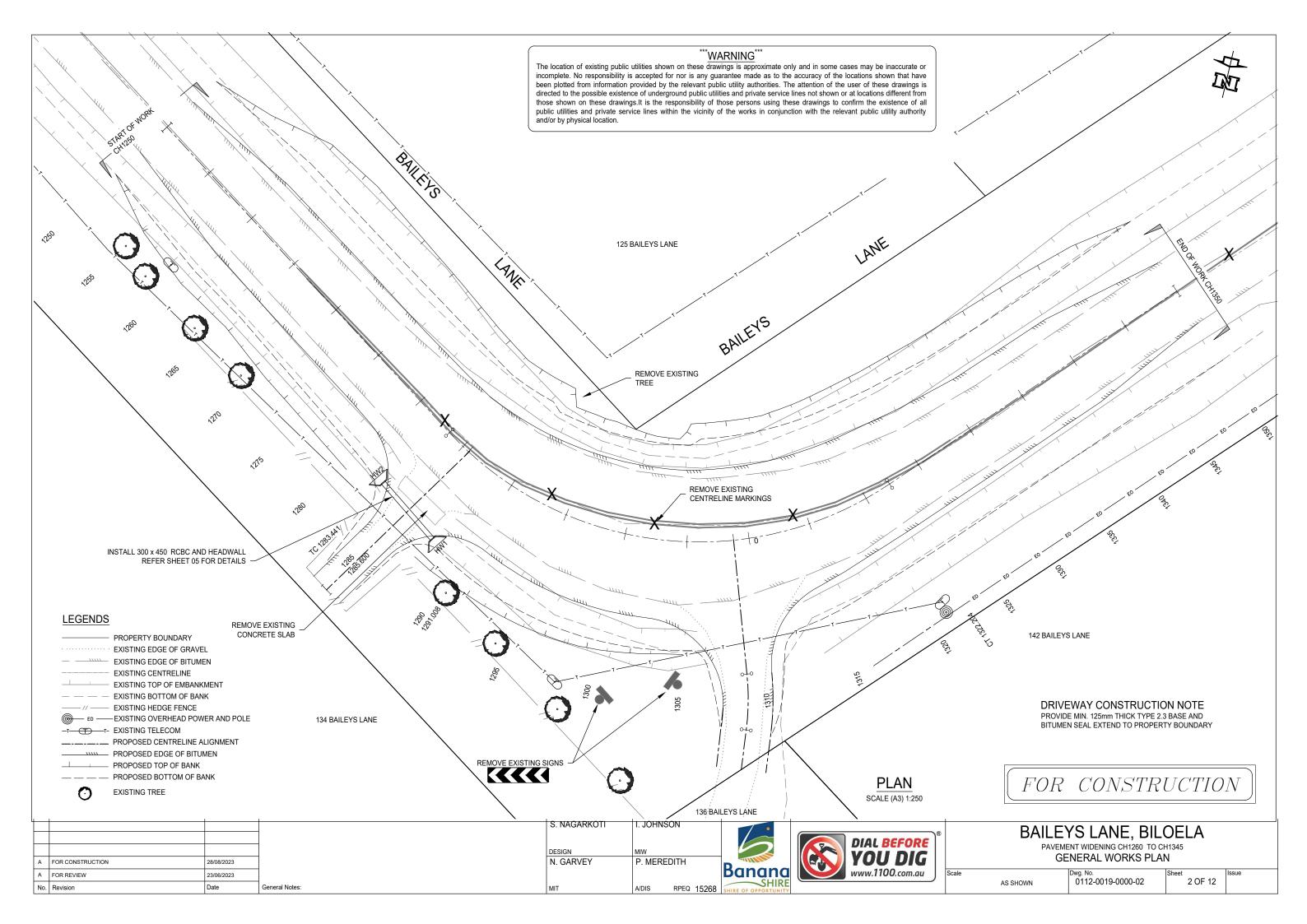
DRAWING NO: 0112-0019-0000-001 0112-0019-0000-002 0112-0019-0000-003 0112-0019-0000-004 0112-0019-0000-005 0112-0019-0000-006 0112-0019-0000-007 0112-0019-0000-008 0112-0019-0000-009 0112-0019-0000-010 0112-0019-0000-011 0112-0019-0000-012

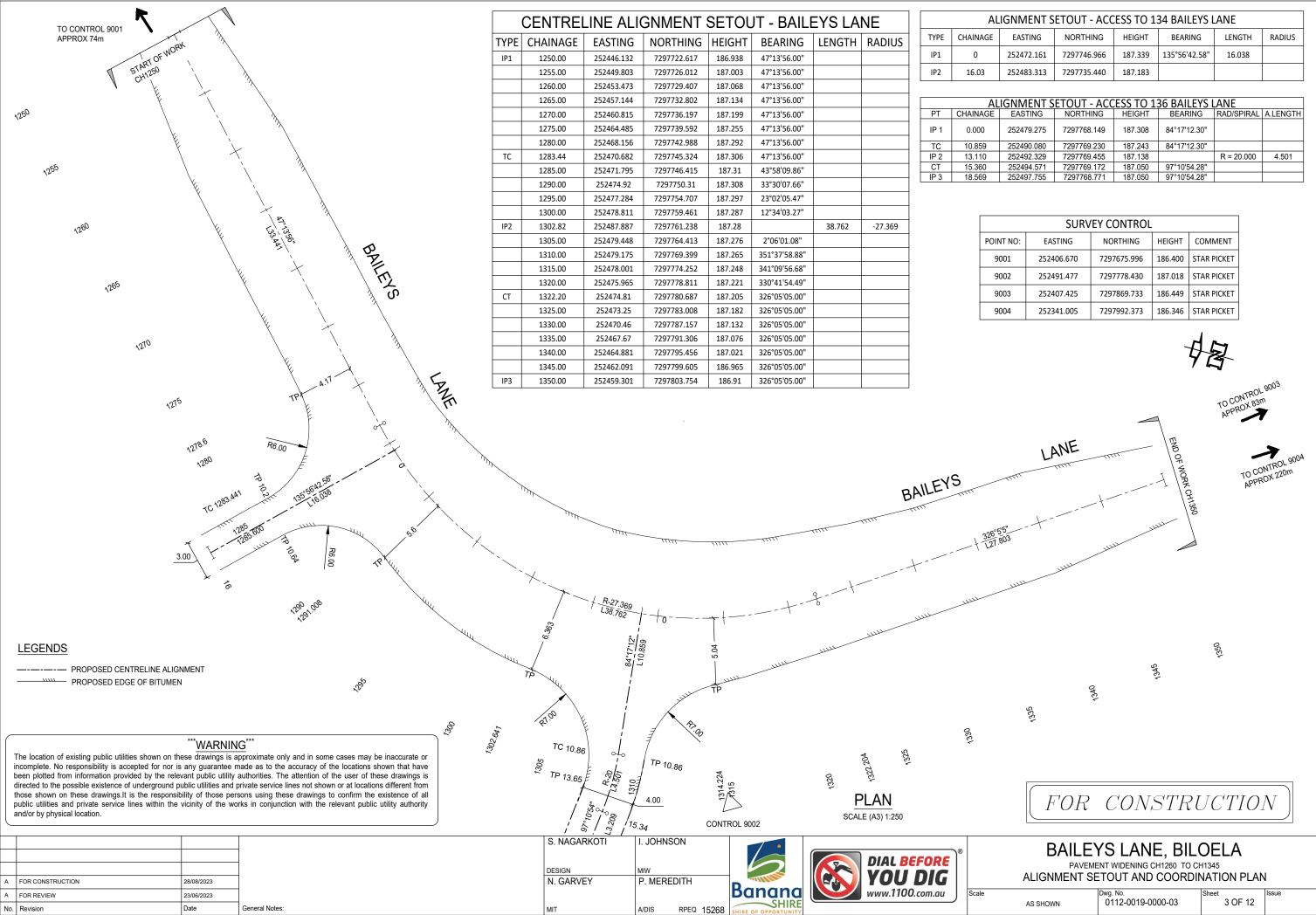


BAILEYS LANE, BILOELA PAVEMENT WIDENING CH1260 TO CH1345

LOCALITY PLAN & DRAWING SHEET INDEX

Dwg. No. 0112-0019-0000-01



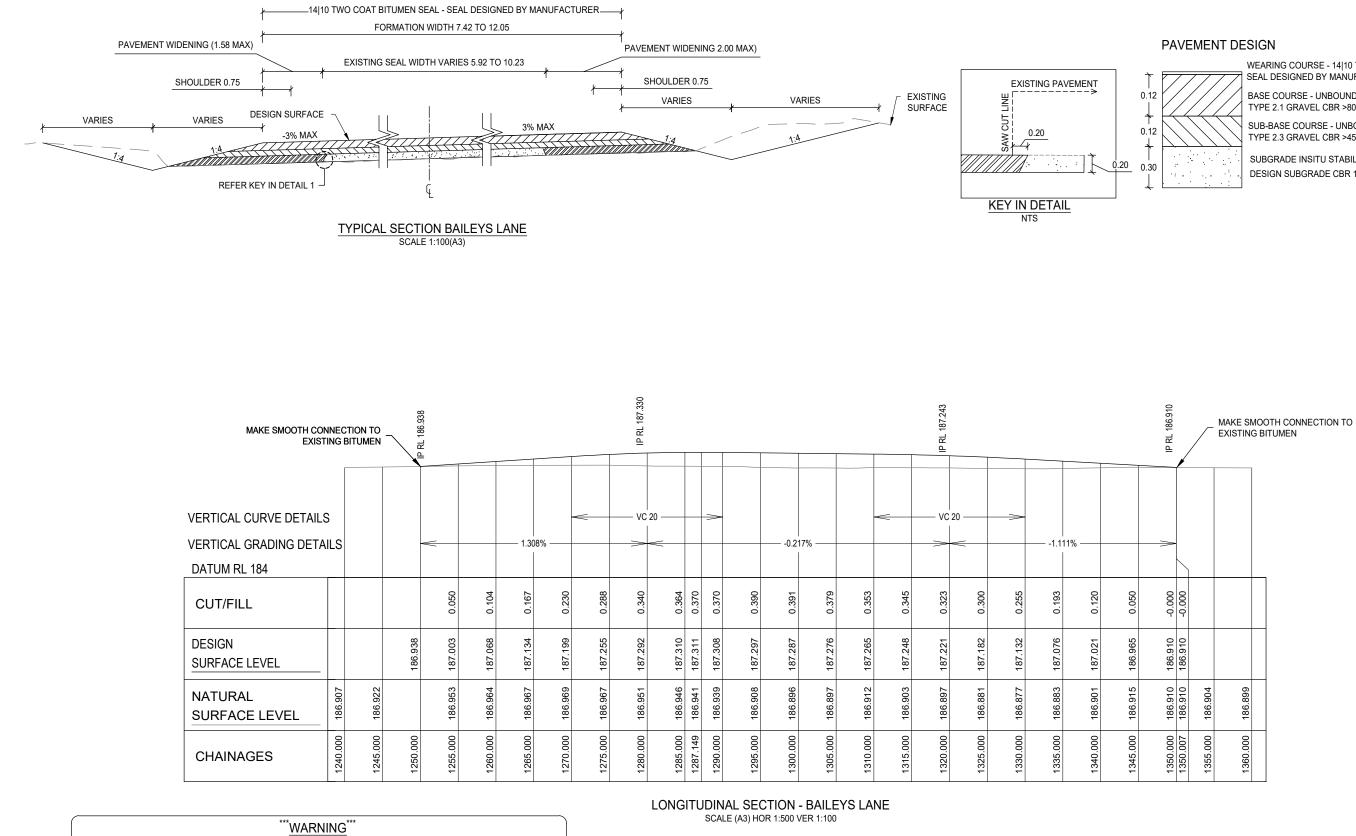


NMENT SETOUT - ACCESS TO 134 BAILEYS LANE											
EASTING	NORTHING	HEIGHT	BEARING	LENGTH	RADIUS						
252472.161	7297746.966	187.339	135°56'42.58"	16.038							
252483.313	7297735.440	187.183									

NMENT SETOUT - ACCESS TO 136 BAILEYS LANE											
EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH						
252479.275	7297768.149	187.308	84°17'12.30"								
252490.080	7297769.230	187.243	84°17'12.30"								
252492.329	7297769.455	187.138		R = 20.000	4.501						
252494.571	7297769.172	187.050	97°10'54.28"								
252497.755	7297768.771	187.050	97°10'54.28"								

	SURVEY CONTROL										
NO:	EASTING	NORTHING	HEIGHT	COMMENT							
L	252406.670	7297675.996	186.400	STAR PICKET							
2	252491.477	7297778.430	187.018	STAR PICKET							
3	252407.425	7297869.733	186.449	STAR PICKET							
ļ	252341.005	7297992.373	186.346	STAR PICKET							

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A	FOR REVIEW	23/06/2023				Banana	www.1100.com.au	Scale
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WEARING COURSE - 14/10 TWO COAT BITUMEN SEAL SEAL DESIGNED BY MANUFACTURER

BASE COURSE - UNBOUND GRANULAR MATERIAL TYPE 2.1 GRAVEL CBR >80%

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

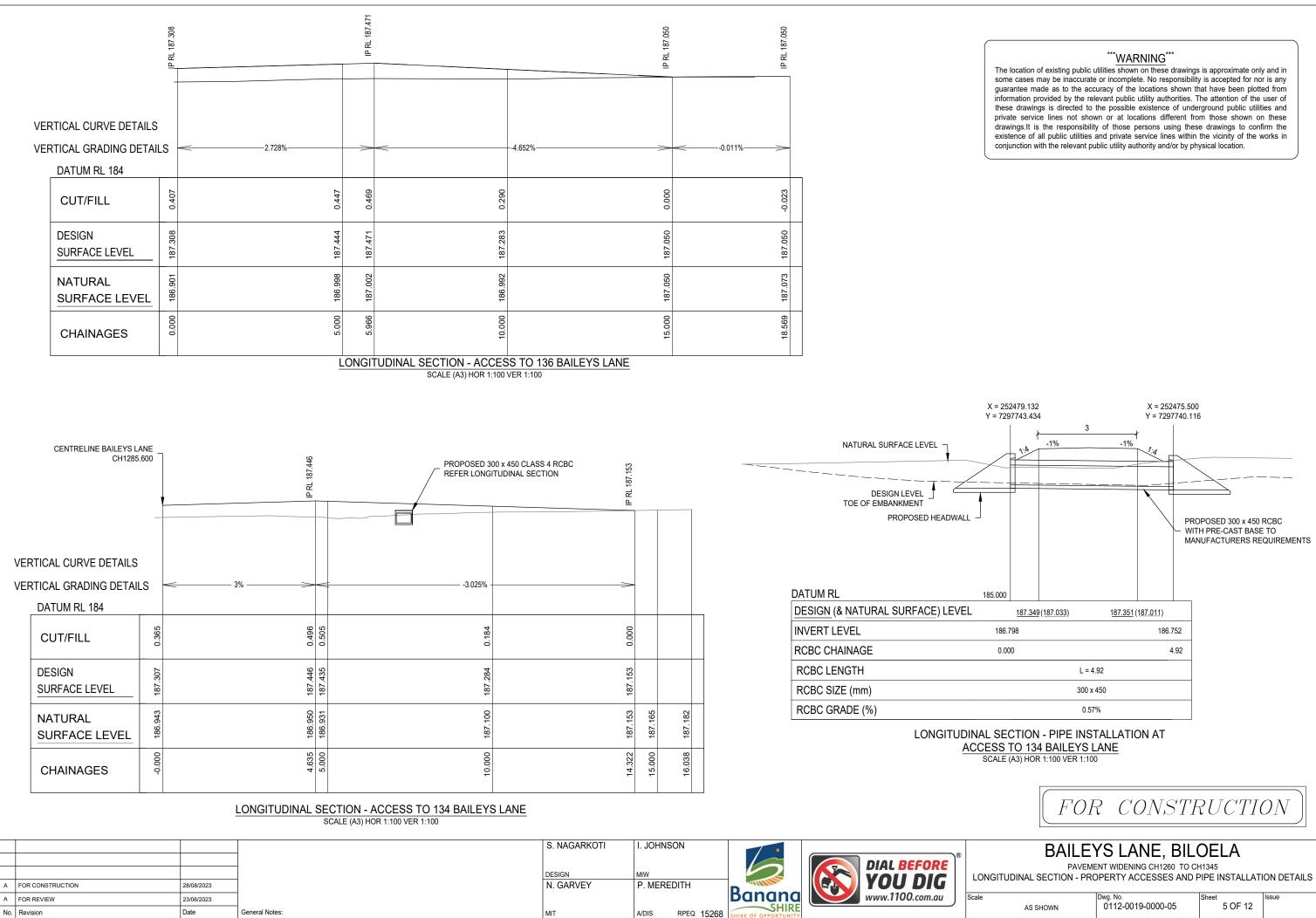
SUBGRADE INSITU STABILISATION (4% NOMINAL) DESIGN SUBGRADE CBR 10%,

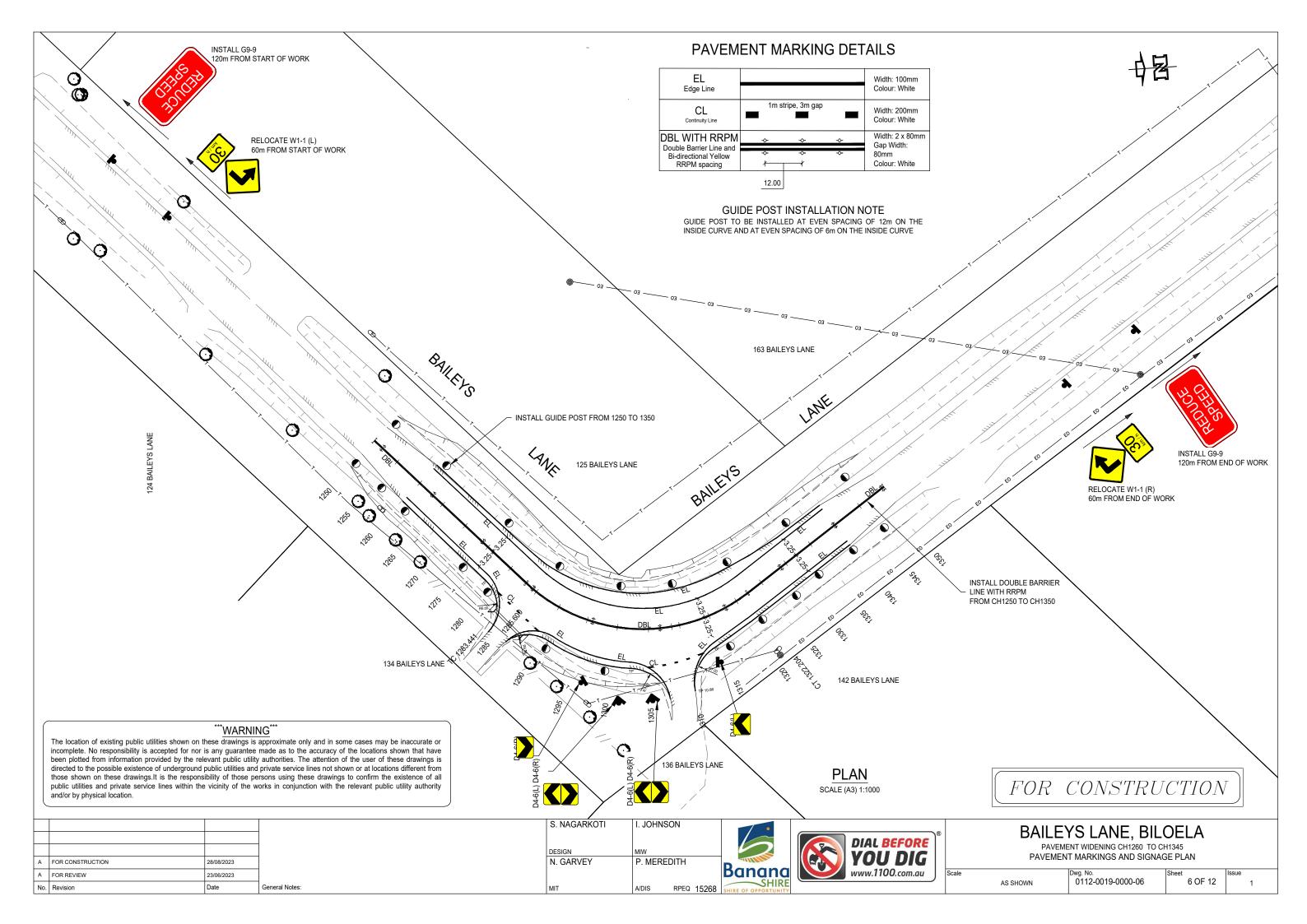


BAILEYS LANE, BILOELA PAVEMENT WIDENING CH1260 TO CH1345

UDINAL SECTION AND TYPICAL SECTION - BAILEYS LANE

AS SHOWN	Dwg. No. 0112-0019-0000-04	Sheet 4 OF 12	Issue
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		1 in 4 1 in 4			-3%	2.73%		
	\leq			1 in -4				1
DATUM RL 184.200								
DESIGN SURFACE		186.780	186.509	187.134	187.308	187 471		
EXISTING SURFACE	186.778	186.780	186.761	186.664	186.901	187 002	186.999	
OFFSET	-10.167	-9.367	-8.283	-5.783	0.000	0 9 2	6.769	
SCALE (A3) H:200	V:20	00			1307.500	•		

	1 in 4 1 in 4			1 in -4	-3%	3%	_	
DATUM RL 184.200	\leq							
DESIGN SURFACE		186.781	186.517	187.142	187.313	187.500		
EXISTING SURFACE	186.795	186.781	186.762	186.647	186.890	186.965 1	186.955	
OFFSET	-10.084	-9.284	-8.226	-5.726	0.000	6.231	7.031	
SCALE (A3) H:200 V:200 1305.000								

2.58% -3% 1 in -4 DATUM RL 184.300 186.774 186.681 186.866 186.952 187.156 187.324 187.491 DESIGN SURFACE LEVEL 186.789 186.774 186.768 186.649 186.927 186.952 187.015 897 943 EXISTING SURFACE 86. LEVEL g -8.684 -7.884 -7.511 8.960 9.307 10.107 -5.611 0.000 OFFSET 460 SCALE (A3) H:200 V:200

1300.000 START OF WORK

					-3%	2.46%		
		$\frac{1}{\nabla}$	14	1 in -4			Т	
DATUM RL 184.200								
DESIGN SURFACE		186.765	186.504	187.129	187.303	187 441		
EXISTING SURFACE	186.761	186.765	186.762	186.675	186.910	186 983 186 983	186.980	
OFFSET	-10.135	-9.335	-8.290	-5.790	000	4 5 5 7	6 414	
SCALE (A3) H:200 V:200					1310.000			

WARNING

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No.	Revision	Date	General Notes:	MIT	A/DIS RPEQ 15268	SHIRE OF OPPORTUNITY		



FOR CONSTRUCTION

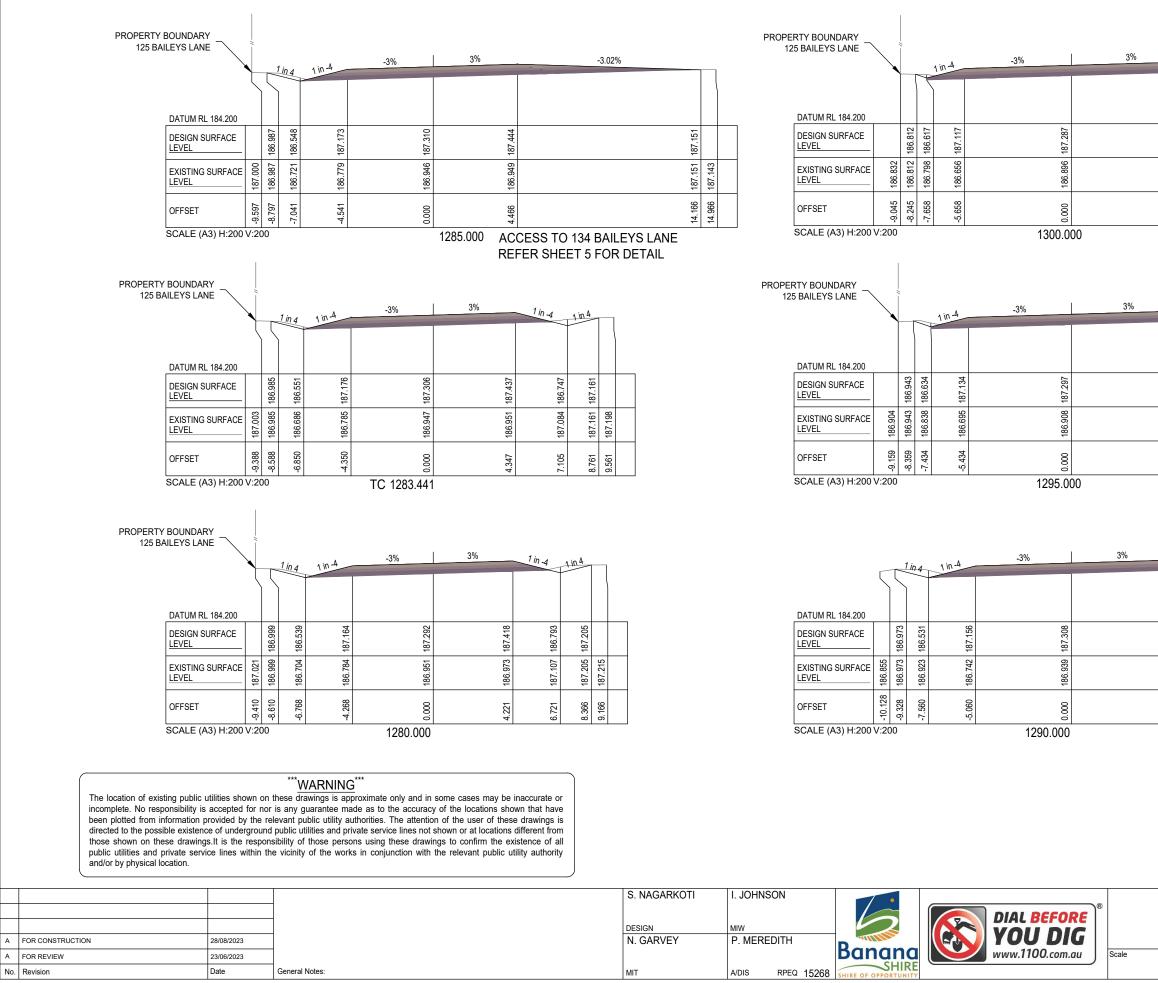
BAILEYS LANE, BILOELA PAVEMENT WIDENING CH1260 TO CH1345

CROSS SECTION - SHEET 1 OF 4

AS	SHOWN
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Dwg. No. 0112-0019-0000-07 Sheet 7 OF 12

Issue



No. Revision

	1 in -4			
		\square		
187.478	186.853	186.984		
186.950 187.478	186.941 186.853	186.984	187.031	
6.372	8.872	9.397	10.197	

	1 in -4			
				,
187.480	186.855	187.060		
186.953 187.480	187.017	187.060 187.060	187.060	
6.092	8.592	9.412	10.212	

	1 in -4	1 in 4		
187.471	186.832	187.131		
186.956 187.471	187.101 186.832	187.131	187.162	
5.433	7.991	9.189	9.989	



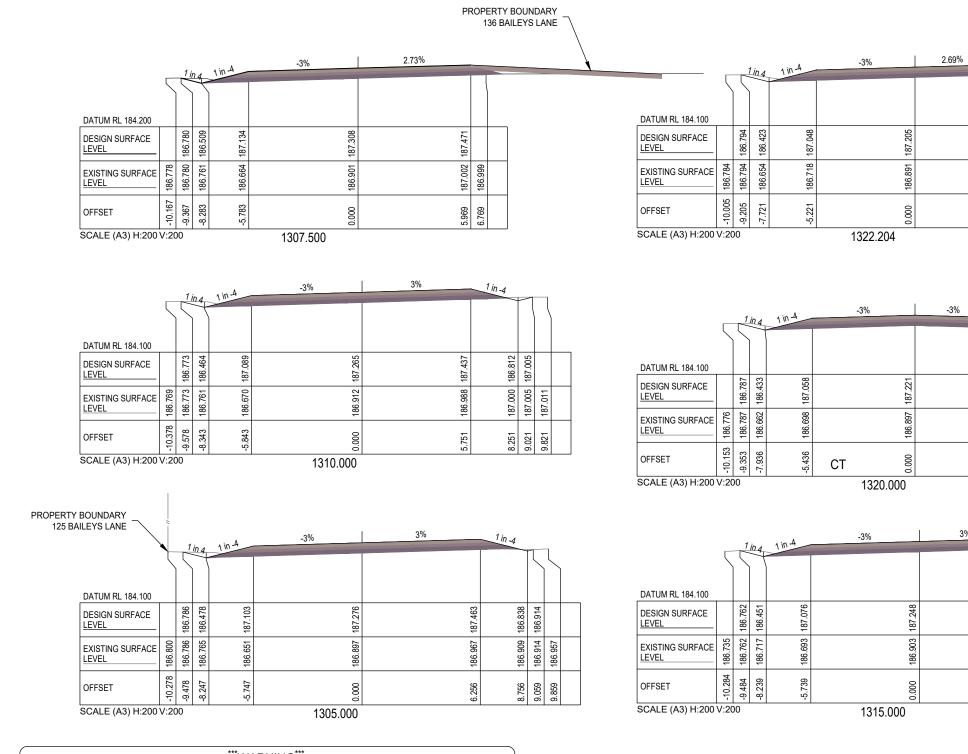
BAILEYS LANE, BILOELA PAVEMENT WIDENING CH1260 TO CH1345

CROSS SECTION - SHEET 2 OF 4

AS SHOWN

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8 OF 12



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				S. NAGARKOTI	I. JOHNSON	•		
				DESIGN	MIW	6	DIAL BEFORE	
A	FOR CONSTRUCTION	28/08/2023		N. GARVEY	P. MEREDITH		YOU DIG	
A	FOR REVIEW	23/06/2023				Banana	www.1100.com.au	cale
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BAILEYS LANE, BILOELA PAVEMENT WIDENING CH1260 TO CH1345

CROSS SECTION - SHEET 3 OF 4

AS	SHOWN	

1 in -4

1 in-4.

66

\$

542

3%

186.474

186.820

6.542

1 in -4

-3%

186.687 186.850

186.799 186.850 186.902

6.498 7.154 7.954

1 in 4

945

186

126 226

186.770 186.935

186.900 186.935 186.953

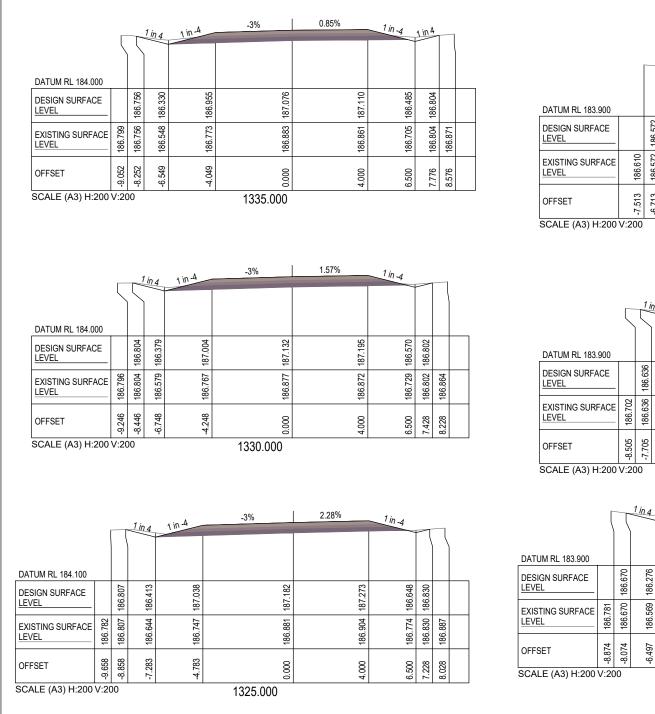
7.385 8.043 8.843

945 973

186.

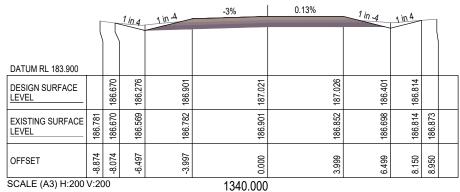
Jwy. 140.	
0112-0019-0000-09	





			-7.19%	-1.85%	-1.3%	-6.53%			
									1
DATUM RL 183.900									
DESIGN SURFACE		186.572	186.860	186.910	186.869	186.636	186.640		
EXISTING SURFACE	186.610	186.572	186.860	186.910	186.866	186.639	186.640	186.707	
OFFSET	-7.513	-6.713	-2.713	0.000	3.098	6.677	6.695	7.495	
SCALE (A3) H:200 V:200				1350.000					

		1 i	n 4	1 in -6.2	-2.42%	-0.58%	1 in -6.3	1 in 4		
	$\left\langle \right\rangle$	5	14							
DATUM RL 183.900										
DESIGN SURFACE		186.636	186.361	186.884	186.965	186.945	186.465	186.760		
EXISTING SURFACE	186.702	186.636	186.574	186.825	186.915	186.862	186.686	186.760	186.827	
OFFSET	-8.505	-7.705	-6.605	-3.356	0.000	END OF 🦉	ORK 👸	7.766	8.566	
SCALE (A3) H:200	V:20	00			1345.000					



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							DIAL BEFORE	
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A	FOR CONSTRUCTION	28/08/2023		N. GARVEY	P. MEREDITH		YOU DIG	
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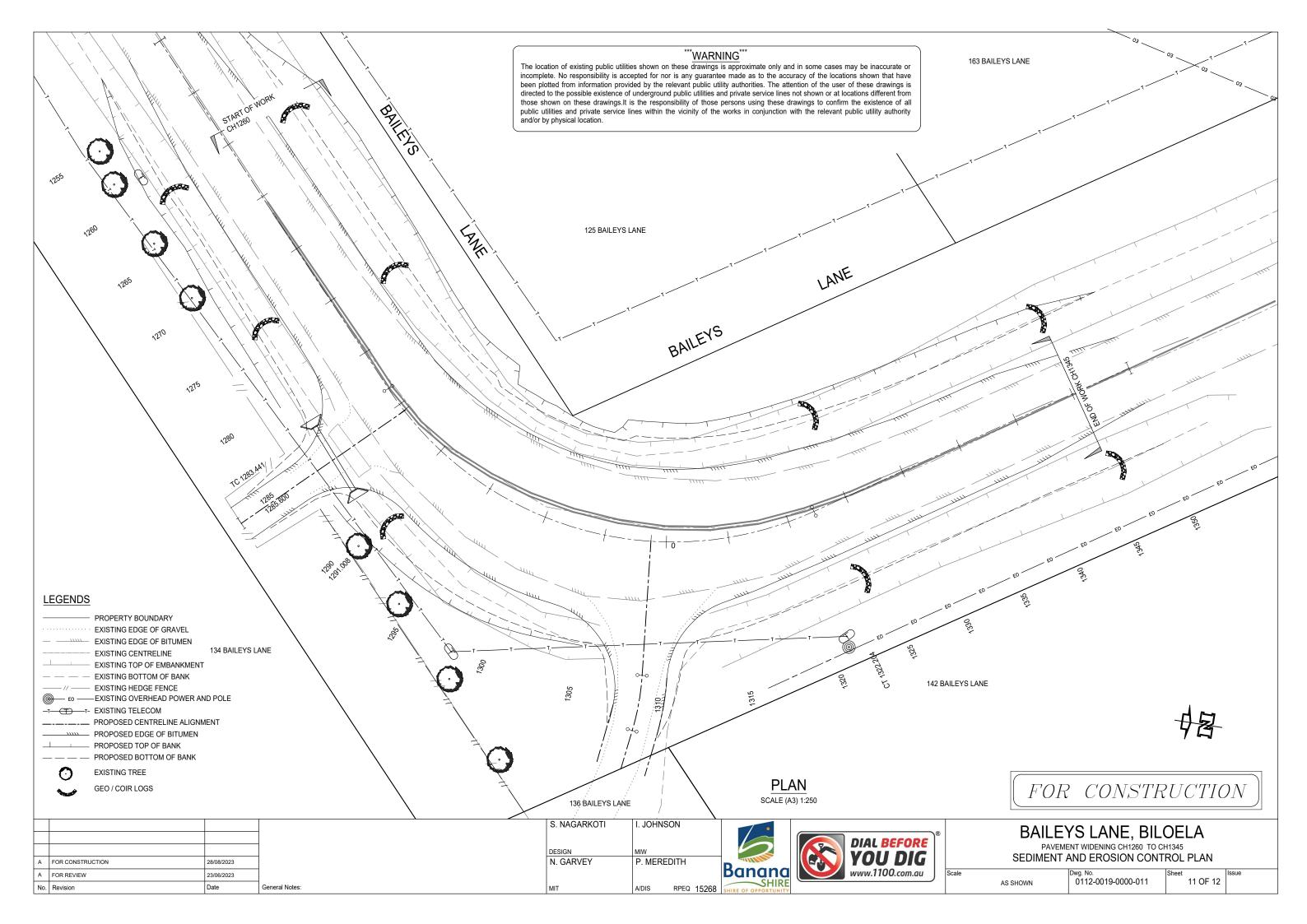
BAILEYS LANE, BILOELA PAVEMENT WIDENING CH1260 TO CH1345

CROSS SECTION - SHEET 4 OF 4

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Dwg. No. 0112-0019-0000-010

Issue



ADDITIONAL MATTERS

- A1 ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- A2 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.
 - PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF ٢ STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS.
 - ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE 1 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.

GENERAL INSTRUCTIONS

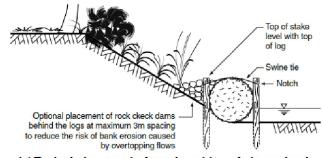
- THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS, 61 AND ANY OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED BY COUNCIL'S SUPERVISOR RELATING TO THE MANAGEMENT OF THE SUBJECT SITE.
- 62 THE SITE SUPERINTENDENT WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS INSTRUCTED IN THIS SPECIFICATION OR IN ANY SUBSEQUENT SITE INSTRUCTION.
- ALL BUILDERS AND SUB-CONTRACTORS WILL BE INFORMED OF THEIR 63 RESPONSIBILITIES BY THE SITE SUPERINTENDENT IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.

EROSION CONTROL

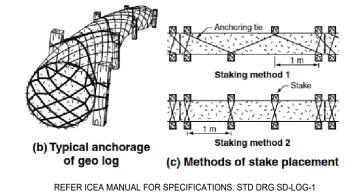
- E1 TEMPORARY PROTECTION FROM WIND AND WATER EROSION WILL BE UNDERTAKEN ON LANDS WHERE WORKS ARE UNLIKELY TO PROCEED FOR PERIODS OF AT LEAST TWO MONTHS AND FINAL SHAPING HAS NOT BEEN COMPLETED (EG. TOPSOIL STOCKPILES). THIS MAY BE ACHIEVED WITH A VEGETATIVE COVER.
- E2 DURING WINDY WEATHER, LARGE, UNPROTECTED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

LAND DISTURBANCE

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



(a) Typical placement of geo log at toe of stream bank



COIR LOG SCALE NTS (A3)

			S. NAGARKOTI	I. JOHNSON	•		
						DIAL BEFORE	
			DESIGN	MIW			
FOR CONSTRUCTION	28/08/2023		N. GARVEY	P. MEREDITH		YOU DIG	SEL
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Revision	Date	General Notes:	МІТ	A/DIS RPEQ 15268	SHIRE OF OPPORTUNITY		

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INSPECTION AND MAINTENANCE

- 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 REDUIRED
 - 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 20m³ OF TRAPPING CAPACITY REMAIN PER 1,000m² 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.

SEDIMENT CONTROL

- 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 RE TAKEN TO MINIMISE POSSIBLE POLITION 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.
- <u>S</u>4 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.

FOR CONSTRUCTION

BAILEYS LANE, BILOELA PAVEMENT WIDENING CH1260 TO CH1345

DIMENT CONTROL AND EROSION CONTROL MEASURE

AS SHOWN	Dwg. No. 0112-0019-0000-012	Sheet 12 OF 12	Issue
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