


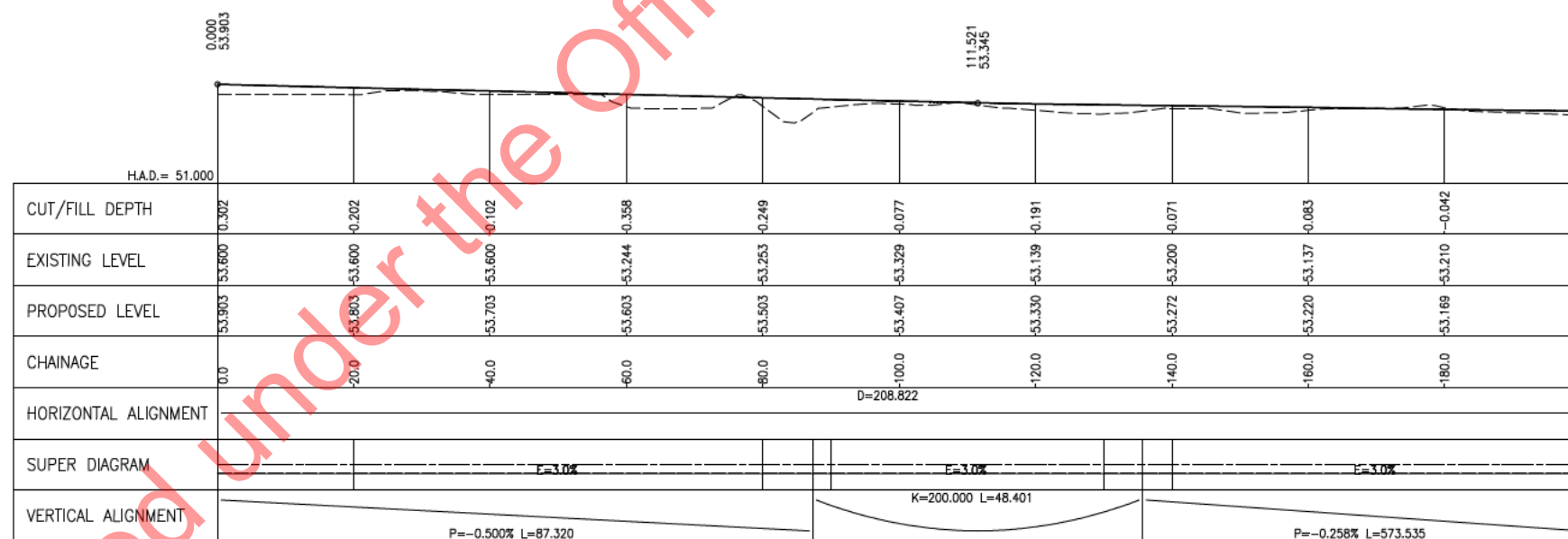


[illegible]

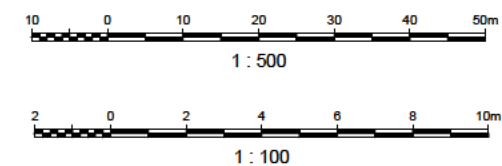
 IS SANO SIL 300mm.

 10m TRANSITION.

 IS BROWN ROCK SIL 300mm THICK.



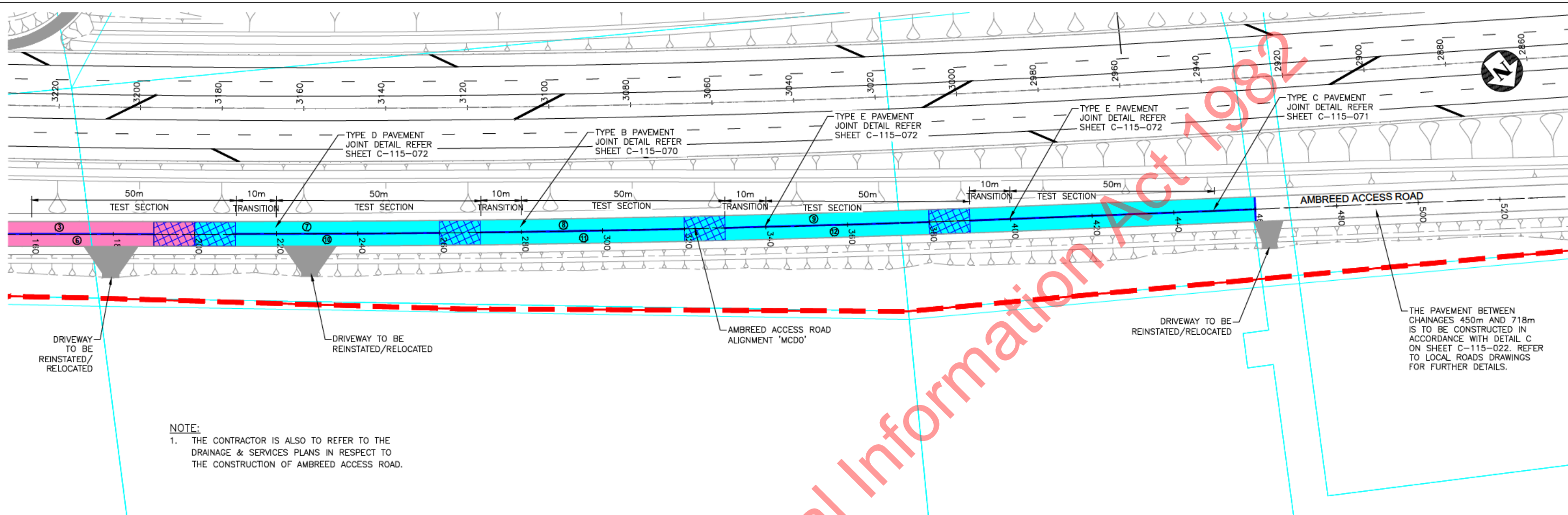
LONGITUDINAL SECTION - AMBREED ACCESS, ALIGNMENT "MCDO"  
 SCALES: 1:500 Horiz. 1:100 Vert.



Approved for Issue  
s 9(2)(a)

[illegible]

This design is based on generally accepted practices and standards at the time it was prepared. No other warranty, expressed or implied, is made. It is prepared in accordance with the scope of work and for the purpose outlined in the contract dated 27 Sept 2012. No responsibility is accepted for use of any part of this design in any other context or for any other purpose. URS accepts no liability for the use of this drawing where it has been provided in electronic format, nor for any changes made to it following its issue. URS considers the printed version to be binding. A hard copy of this drawing is to be provided if requested.

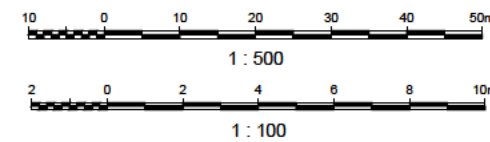


NOTE:  
1. THE CONTRACTOR IS ALSO TO REFER TO THE DRAINAGE & SERVICES PLANS IN RESPECT TO THE CONSTRUCTION OF AMBREED ACCESS ROAD.

- KEY
- IS SANO SIL 300mm.
  - 10m TRANSITION.
  - IS BROWN ROCK SIL 300mm THICK.

H.A.D. = 50.000											
CUT/FILL DEPTH	0.117	-0.017	-0.213	-0.273	-0.310	-0.289	-0.337	-0.045	-0.096	-0.052	-0.001
EXISTING LEVEL	53.000	53.048	52.800	52.690	52.600	52.570	52.471	52.800	52.800	52.600	52.600
PROPOSED LEVEL	53.117	53.065	53.014	52.962	52.911	52.859	52.807	52.756	52.704	52.653	52.601
CHAINAGE	200.0	220.0	240.0	260.0	280.0	300.0	320.0	340.0	360.0	380.0	400.0
HORIZONTAL ALIGNMENT	R = -5000.000 L = 202.162										D = 259.183
SUPER DIAGRAM	E = 3.0%										
VERTICAL ALIGNMENT	P = -0.258% L = 573.535										

LONGITUDINAL SECTION - AMBREED ACCESS, ALIGNMENT "MCD0"  
SCALES: 1:500 Horiz. 1:100 Vert.



Approved for Issue  
S 9(2)(a)

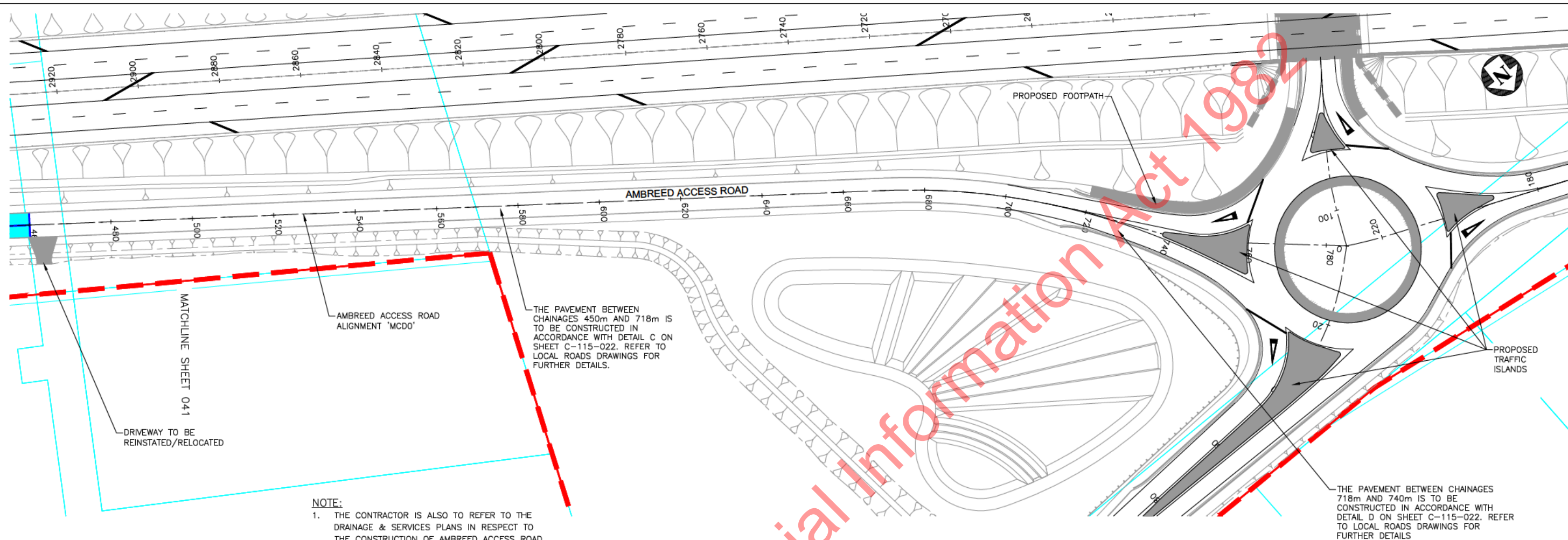
AB	AS-BUILT	S 9(2)(a)	S 9(2)(a)	26.06.15	Original Size	A1
Rev	Revision Description	Drawn	Designed	Design Checked	Approved	Date

Logos: HEB Construction, URS, TDG, Jasmax, GAIA ENGINEERS, NZ TRANSPORT AGENCY

WAIKATO EXPRESSWAY: TAMAHERE TO CAMBRIDGE SECTION		Status	AS-BUILT
PAVEMENT TRIAL AMBREED ACCESS ROAD		Drawing Number	C-115-051
PLAN AND LONGSECTION		Revision	AB
MCD0 CHAINAGE 200 TO 500			



This design is based on generally accepted practices and standards at the time it was prepared. No other warranty, expressed or implied, is made. It is prepared in accordance with the scope of work and for the purpose outlined in the contract dated 27 Sept 2012. No responsibility is accepted for use of any part of this design in any other context or for any other purpose. URS accepts no liability for the use of this drawing where it has been provided in electronic format, nor for any changes made to it following its issue. URS considers the printed version to be binding. A hard copy of this drawing is held on file by URS and may be provided if requested.

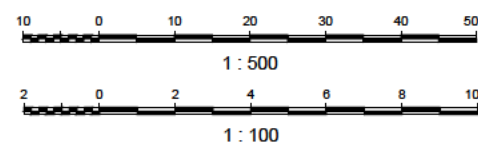


NOTE:

1. THE CONTRACTOR IS ALSO TO REFER TO THE DRAINAGE & SERVICES PLANS IN RESPECT TO THE CONSTRUCTION OF AMBREED ACCESS ROAD.

H.A.D. = 50.000															733.700 51.740						
CUT/FILL DEPTH	0.543	-0.577	-0.439	-0.530	-0.536	-0.485	-0.505	-0.561	-0.503	-0.232	-0.227	-0.168	-0.532	-0.929	-1.329						
EXISTING LEVEL	51.800	51.715	51.800	51.659	51.600	51.600	51.528	51.420	51.428	51.646	51.600	51.645	51.506	51.600	51.800						
PROPOSED LEVEL	52.343	52.291	52.240	52.188	52.137	52.085	52.034	51.982	51.930	51.879	51.827	51.814	52.039	52.529	53.130						
CHAINAGE	500.0	520.0	540.0	560.0	580.0	600.0	620.0	640.0	660.0	680.0	700.0	720.0	740.0	760.0	780.0						
HORIZONTAL ALIGNMENT	D=259.183									R=165.000 L=40.329		D	D=19.861		R=-50.000 L=12.351	D=32.739					
												R									
SUPER DIAGRAM	E=3.0%															E=3.0%		E=1.6%		E=0.2%	
VERTICAL ALIGNMENT	P=-0.258% L=573.535															K=15.000 L=48.887		P=3.001% L=26.868			

LONGITUDINAL SECTION - AMBREED ACCESS, ALIGNMENT "MCD0"  
SCALES: 1:500 Horiz. 1:100 Vert.



Approved for Issue  
s 9(2)(a)

						Tob 052	HEB Construction		URS		NZ TRANSPORT AGENCY WAIKATO		WAIKATO EXPRESSWAY: TAMAHERE TO CAMBRIDGE SECTION	
						Scales	1:500 A1		1:1000 A3		TGD		Jasmax	
						Original Size	A1		GAIA ENGINEERS		PAVEMENT TRIAL AMBREED ACCESS ROAD		Status AS-BUILT	
						Rev	Revision Description		Drawing Number		C-115-052		Revision AB	
						Drawn	s 9(2)(a)		s 9(2)(a)		26.06.15			
						Designed								
						Design Checked								
						Approved								
						Date								