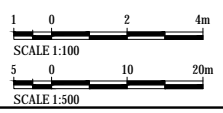
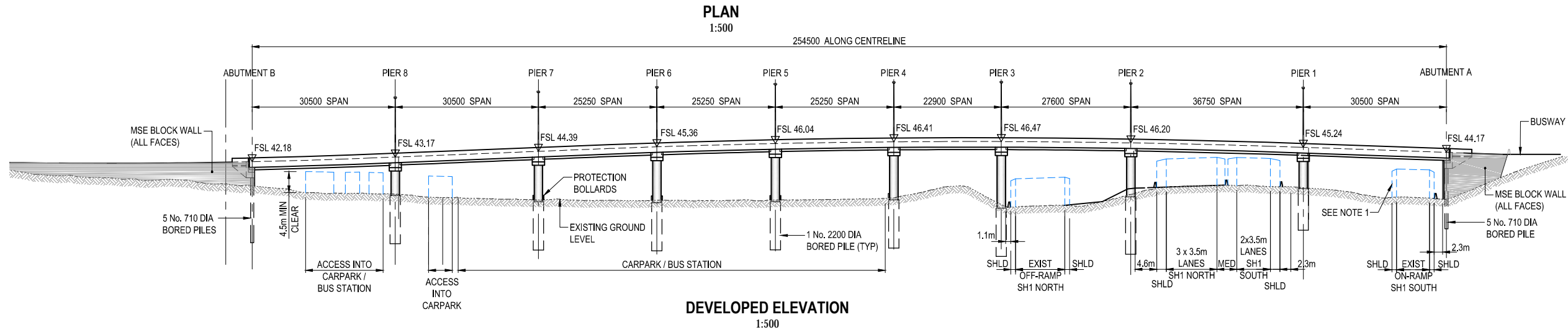


NOTES

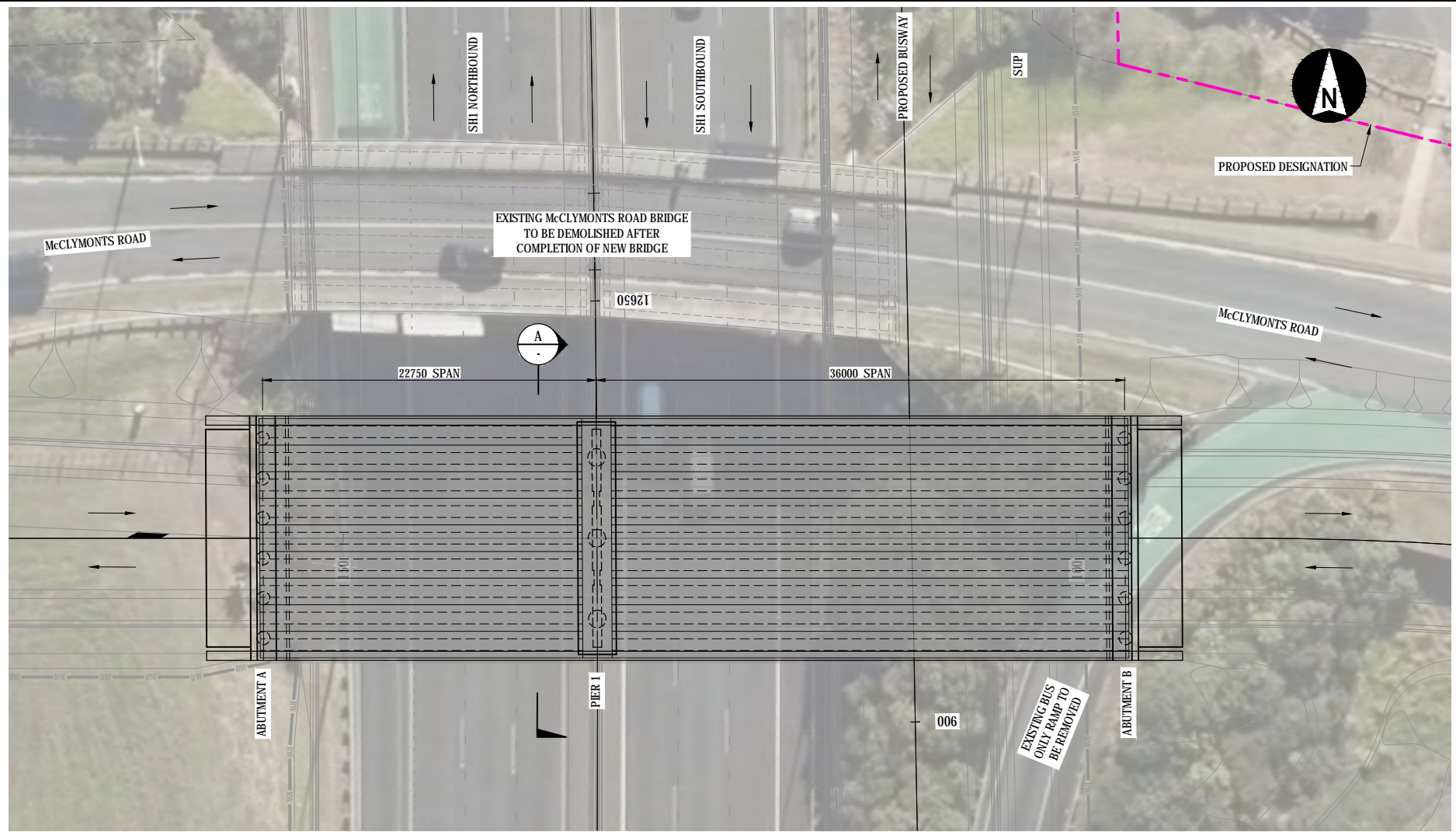
- CLEARANCE ENVELOPE: UNLESS OTHERWISE NOTED THE MINIMUM CLEARANCE OVER TRAFFIC LANES SHOULD BE 6.0m TAPERING TO 5.6m AT THE OUTSIDE EDGE OF THE ADJACENT SHOULDER.



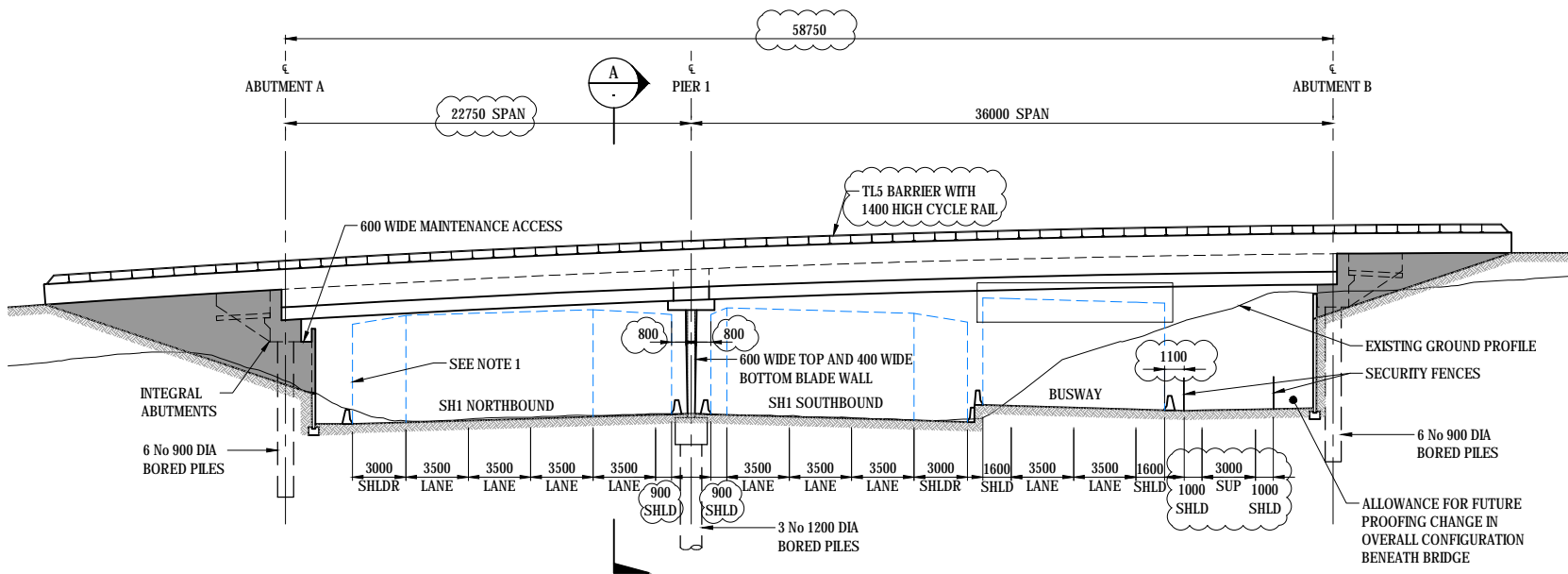
CLIENT		REV		DATE	REVISION DETAILS	APPROVED	SCALE	SIZE	PRELIMINARY NOT FOR CONSTRUCTION	PROJECT	NORTHERN CORRIDOR IMPROVEMENTS							
A		B		19/09/16	PRELIMINARY ISSUE	G. MOORE	AS SHOWN	A1		DATE	TITLE	CIVIL STRUCTURES ALBANY STATION BUSWAY BRIDGE (OVER SH1)						
				29/09/16	DESIGN FREEZE	G. MOORE				03/10/16		DRAWING No.	PROJECT No.	STAGE	WP	TYPE	NUMBER	REV
												250310	3PRE	3DES	DRG	1310	B	



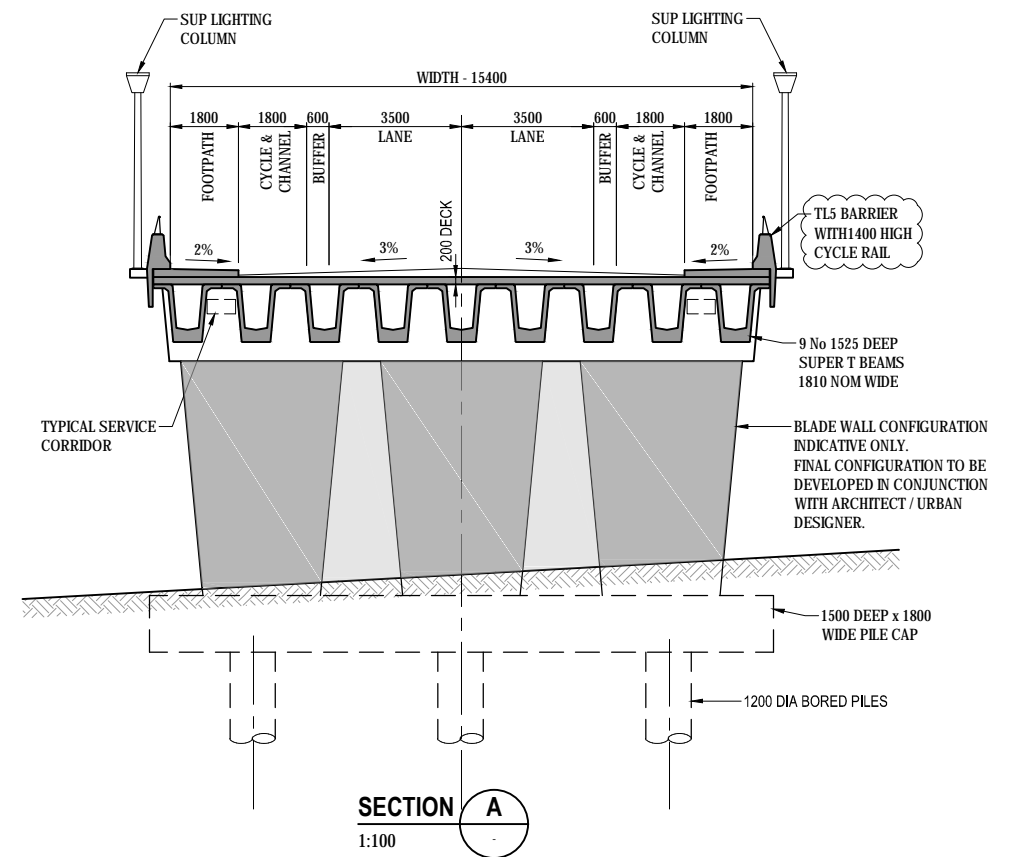
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PLAN
1:200



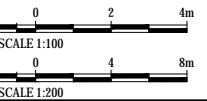
DEVELOPED ELEVATION
1:200



SECTION A
1:100

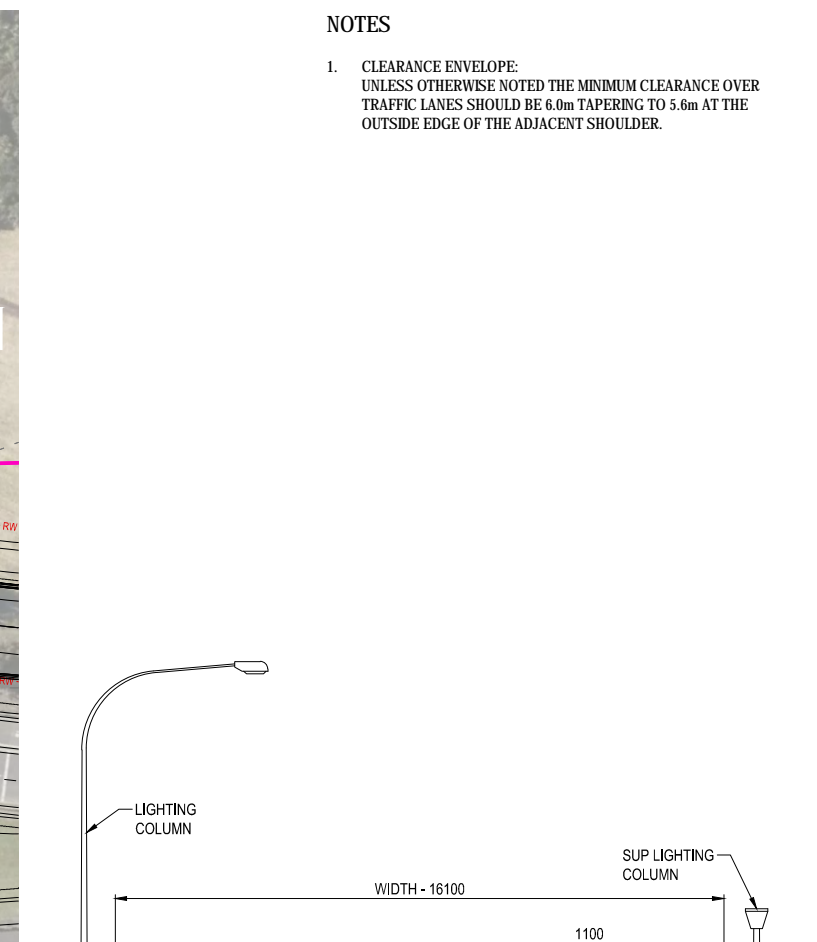
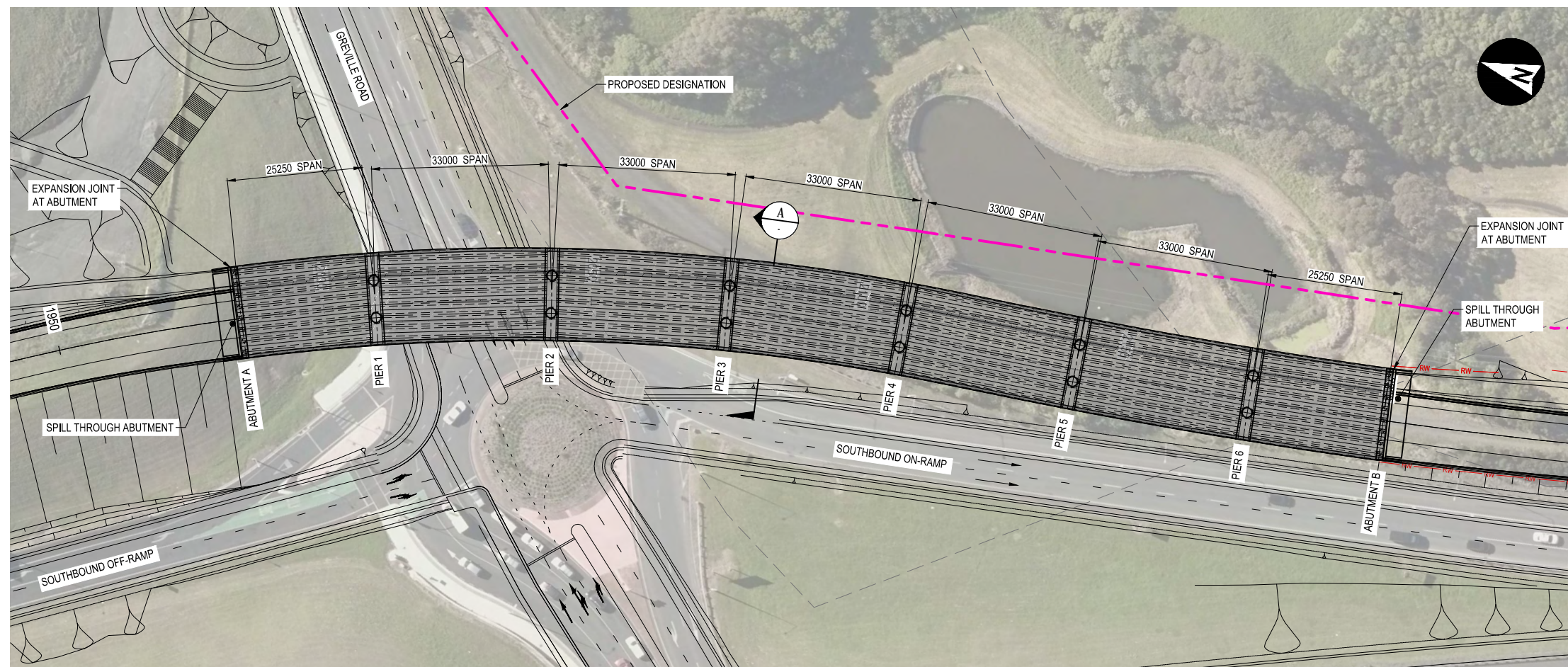
NOTES

- CLEARANCE ENVELOPE: UNLESS OTHERWISE NOTED THE MINIMUM CLEARANCE OVER TRAFFIC LANES SHOULD BE 6.0m TAPERING TO 5.6m AT THE OUTSIDE EDGE OF THE ADJACENT SHOULDER.



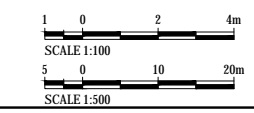
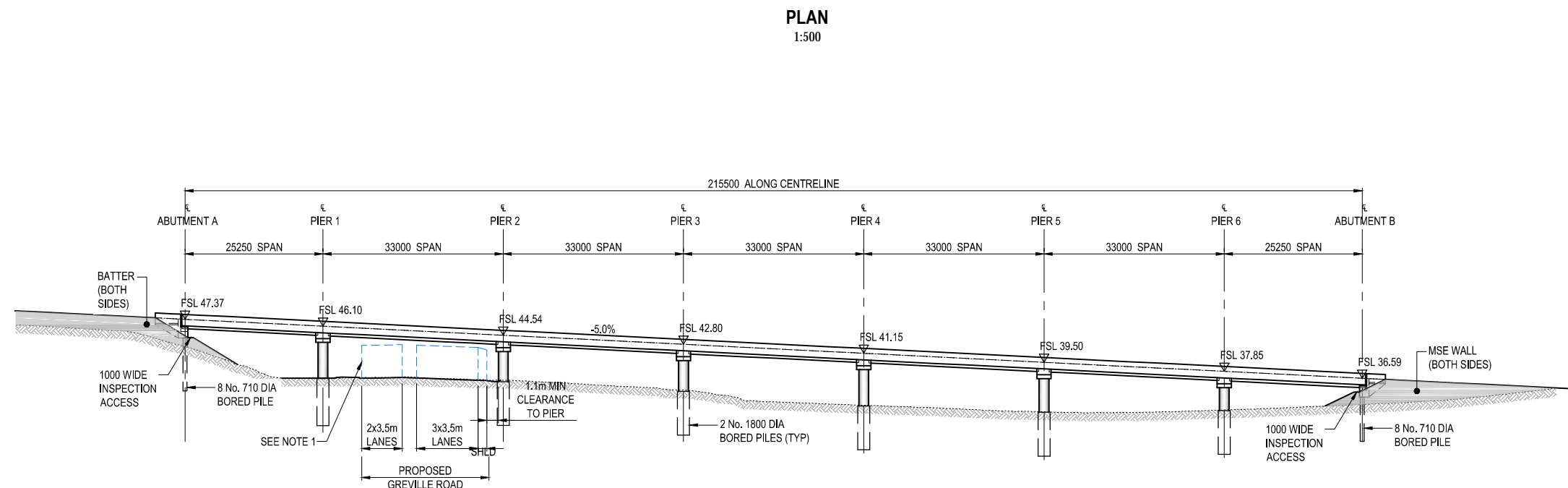
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		B	29/09/16		DESIGN FREEZE	G. MOORE			APPROVED							
							DRAWN			DATE						
							L.HODGSON			03/10/16						
							DESIGNED		J. HIND							
							G.THOMPSON		J. HIND							
							CHECKED				PROJECT No.	STAGE	WP	TYPE	NUMBER	REV
							A. REEVES				250310	3PRE	3DES	DRG	1315	B





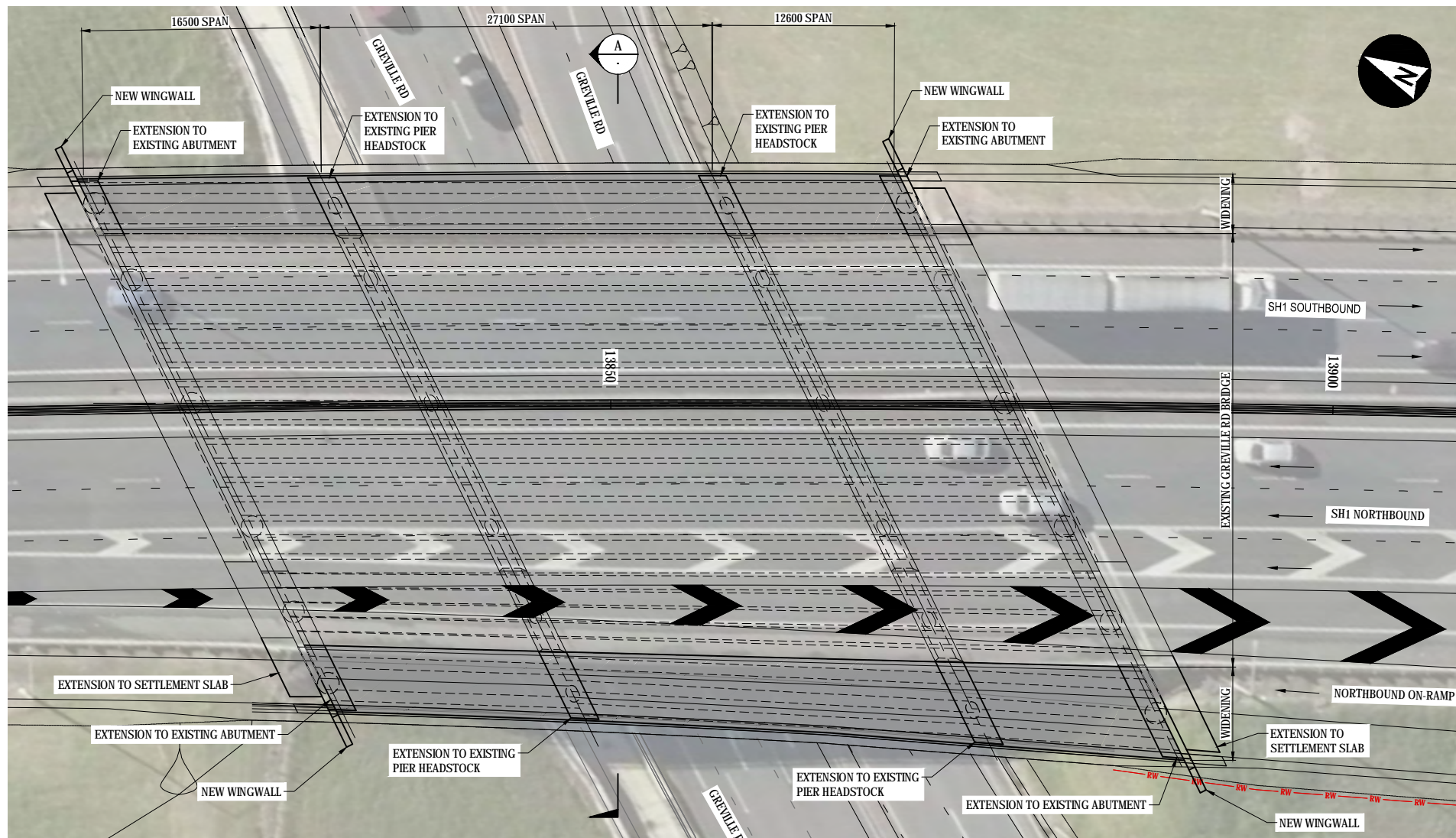
NOTES

- CLEARANCE ENVELOPE: UNLESS OTHERWISE NOTED THE MINIMUM CLEARANCE OVER TRAFFIC LANES SHOULD BE 6.0m TAPERING TO 5.6m AT THE OUTSIDE EDGE OF THE ADJACENT SHOULDER.

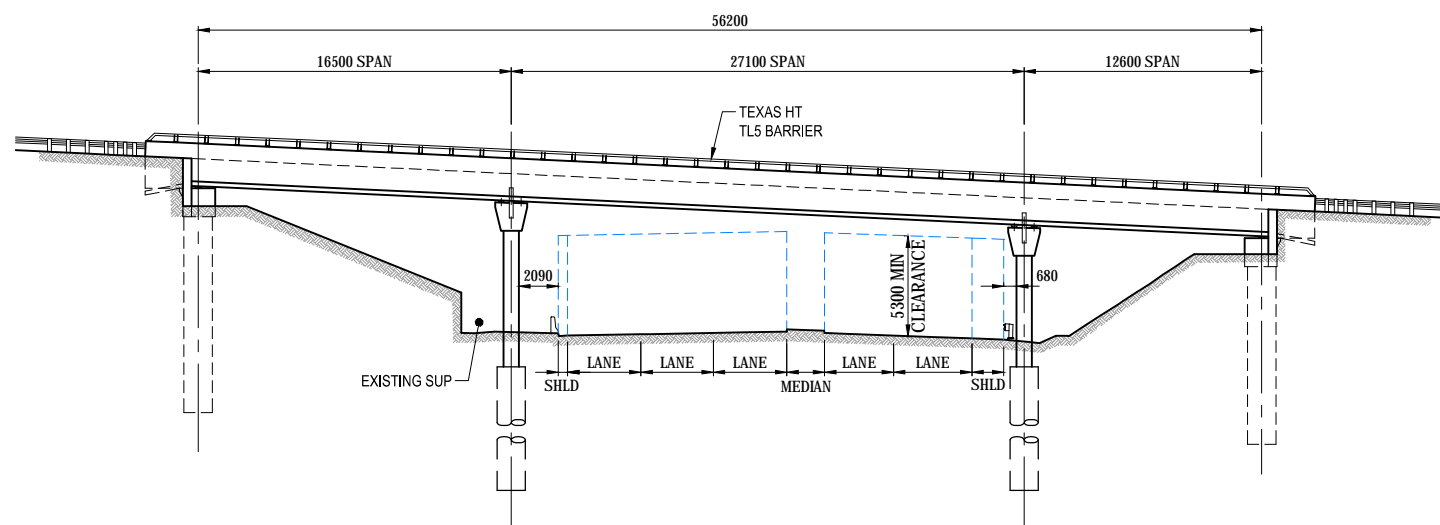


CLIENT		REV		DATE	REVISION DETAILS	APPROVED	SCALE	SIZE	PRELIMINARY NOT FOR CONSTRUCTION	PROJECT	NORTHERN CORRIDOR IMPROVEMENTS							
A		B		19/09/16	PRELIMINARY ISSUE	G. MOORE	AS SHOWN	A1		DATE	TITLE	CIVIL STRUCTURES GREVILLE ROAD BUSWAY BRIDGE						
				29/09/16	DESIGN FREEZE	G. MOORE			J. HIND	03/10/16		DRAWING No.	PROJECT No.	STAGE	WP	TYPE	NUMBER	REV
									J. HIND			250310	3PRE	3DES	DRG	1320	B	

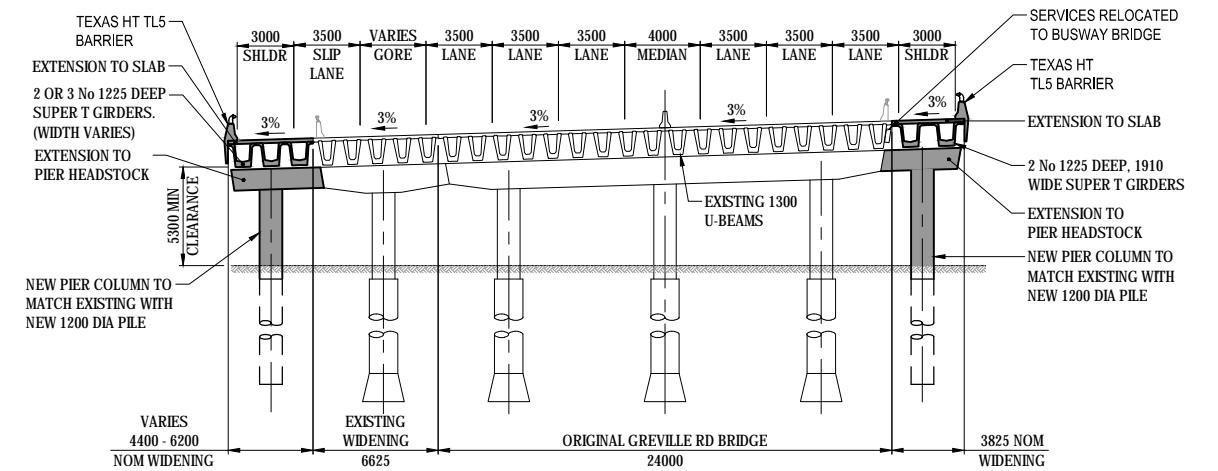




PLAN
1:200



DEVELOPED ELEVATION
1:200



SECTION A
1:200



Plan Date: 29/11/2016 10:53:57 am. Client: NZTA. Project: C-011. Work Item: 1498. Sub Item: 3010. RPS: 005. DWS: 015. DWG: 1155.DWG

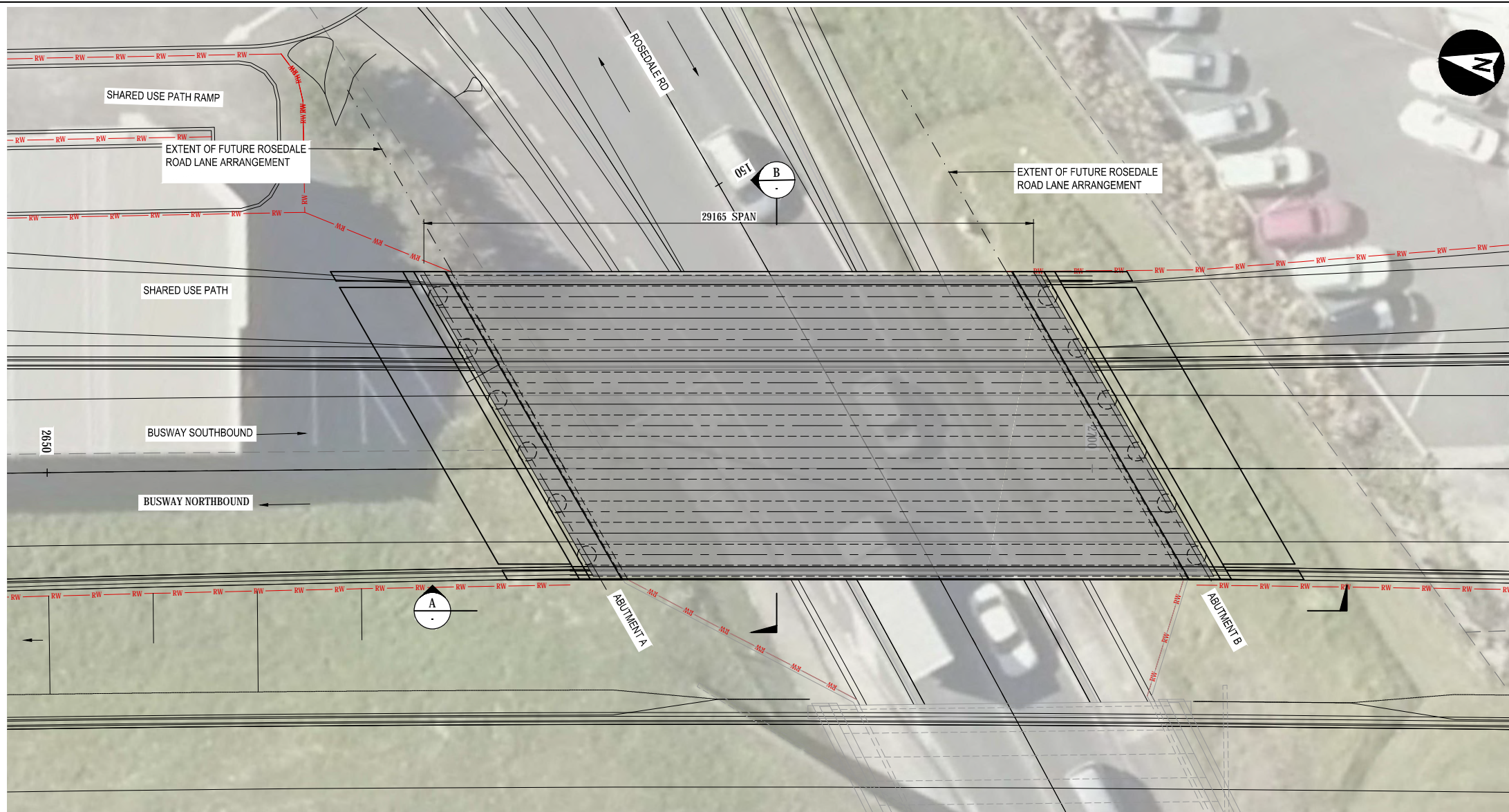


REV	DATE	REVISION DETAILS	APPROVED
A	19/09/16	PRELIMINARY ISSUE	G. MOORE
B	29/09/16	DESIGN FREEZE	G. MOORE

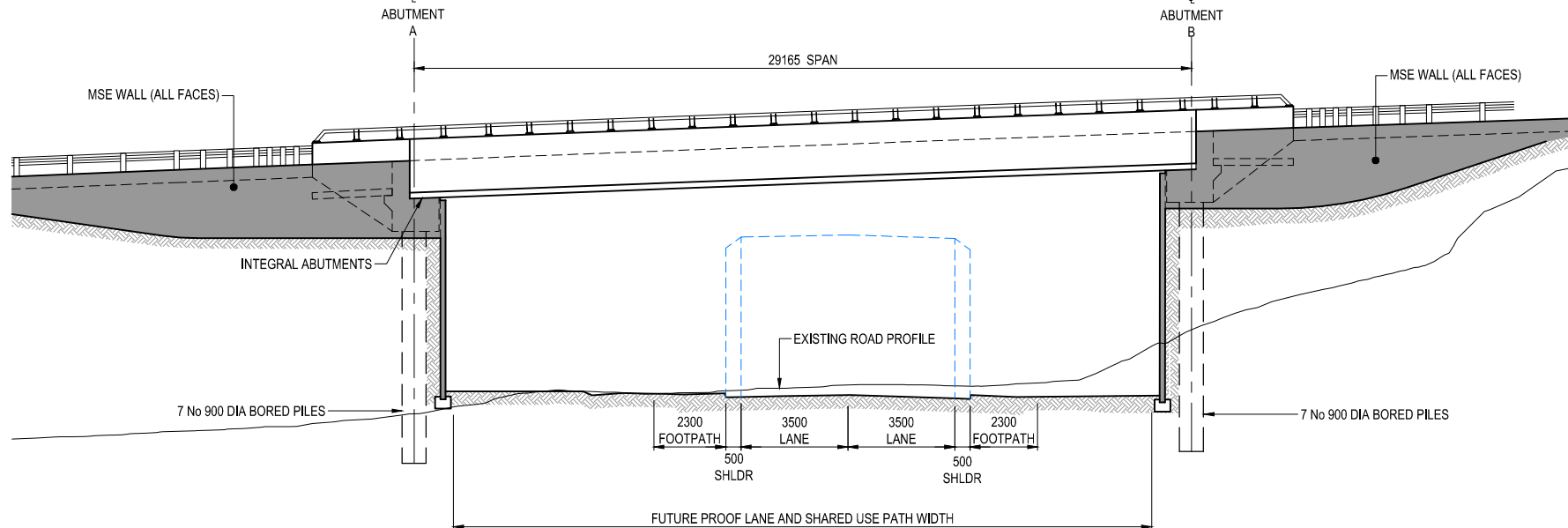
SCALE	SIZE
AS SHOWN	A1
DRAWN	L.HODGSON
DESIGNED	G.THOMPSON
CHECKED	A.REEVES

PRELIMINARY NOT FOR CONSTRUCTION	
APPROVED	DATE 03/10/16
J. HIND	
J. HIND	

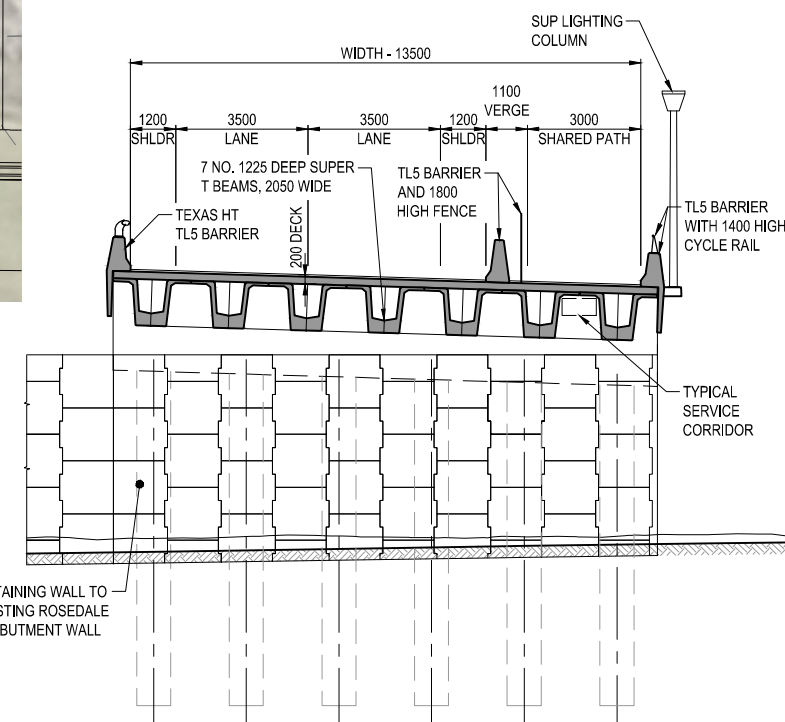
CLIENT	PROJECT	TITLE
NORTHERN CORRIDOR IMPROVEMENTS	CIVIL STRUCTURES	GREVILLE ROAD BRIDGE WIDENING
DRAWING No.	PROJECT No.	STAGE
250310	3PRE	3DES
WP	TYPE	NUMBER
DRG		1325
REV		B



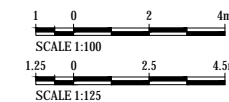
PLAN
1:125



ELEVATION A
1:125



SECTION B
1:100



NOTES

- CLEARANCE ENVELOPE:**
UNLESS OTHERWISE NOTED THE MINIMUM CLEARANCE OVER TRAFFIC LANES SHOULD BE 6.0m TAPERING TO 5.6m AT THE OUTSIDE EDGE OF THE ADJACENT SHOULDER.

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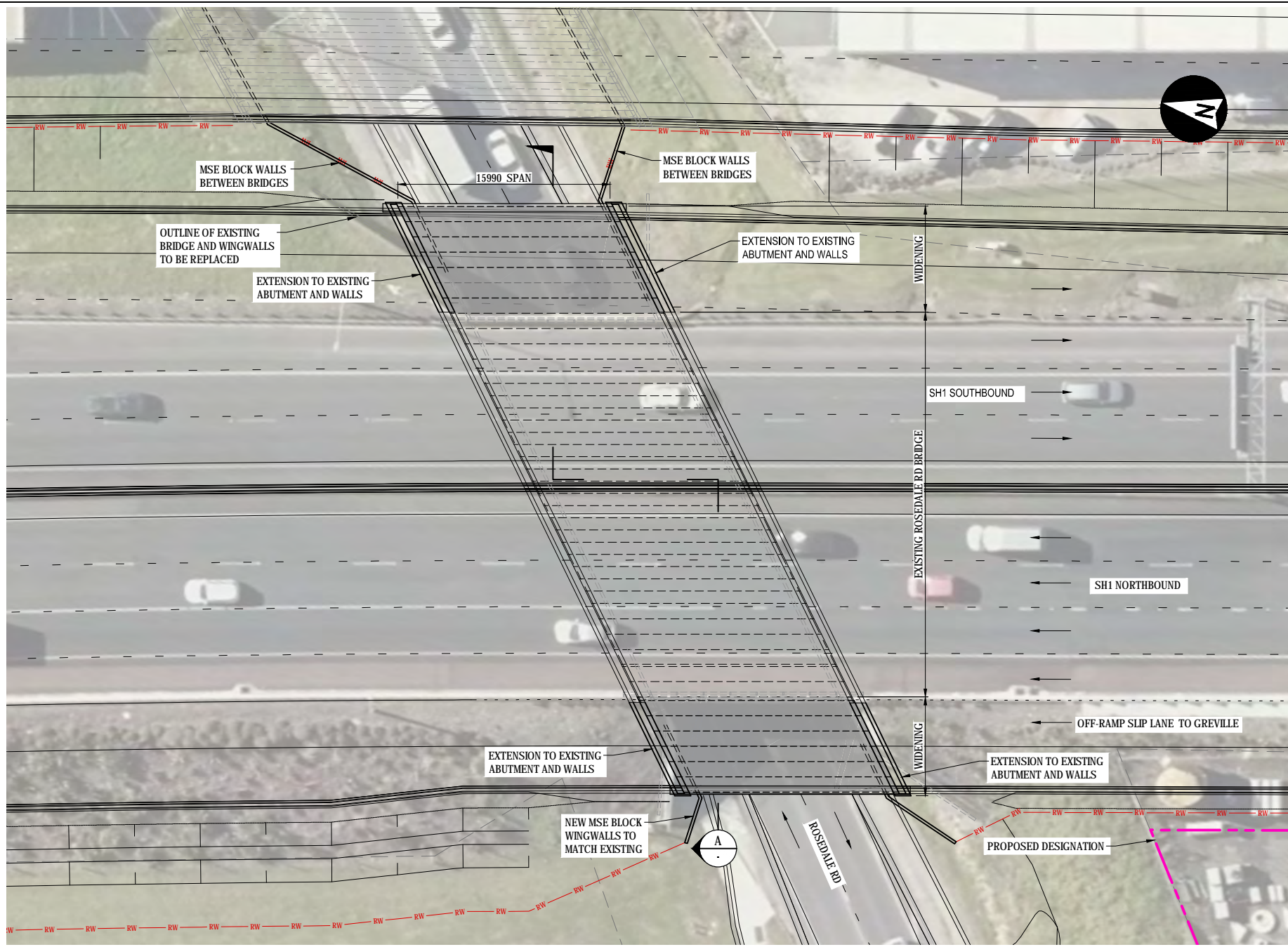


REV	DATE	REVISION DETAILS	APPROVED
A	19/09/16	PRELIMINARY ISSUE	G. MOORE
B	29/09/16	DESIGN FREEZE	G. MOORE

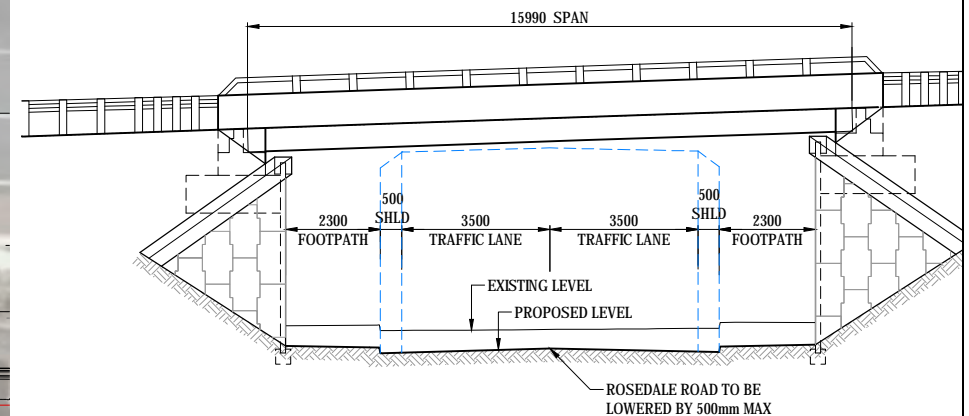
SCALE	SIZE
AS SHOWN	A1
DRAWN	L.HODGSON
DESIGNED	G.THOMPSON
CHECKED	A.REEVES

PRELIMINARY NOT FOR CONSTRUCTION	APPROVED
	J. HIND
	J. HIND

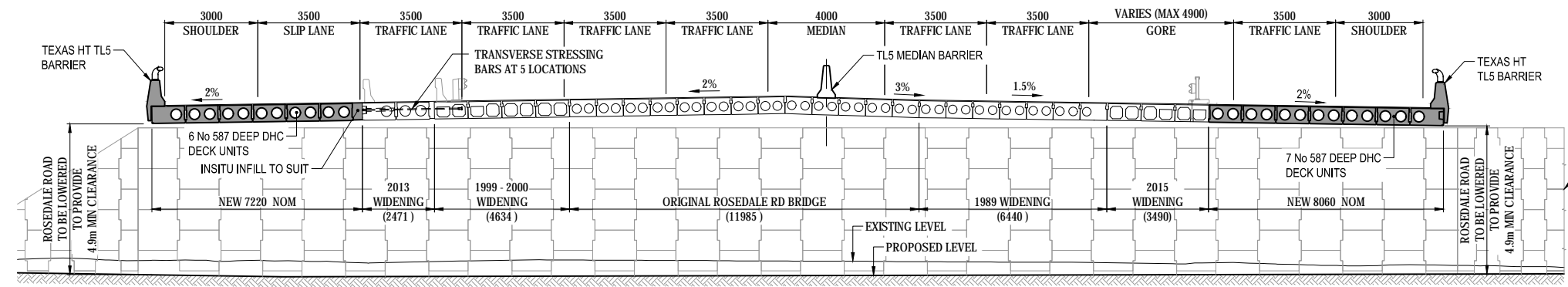
PROJECT	TITLE	PROJECT No.	STAGE	WP	TYPE	NUMBER	REV
NORTHERN CORRIDOR IMPROVEMENTS	CIVIL STRUCTURES ROSEDALE ROAD BUSWAY BRIDGE	250310	3PRE	3DES	DRG	1330	B



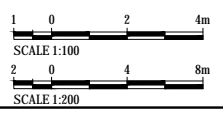
PLAN
1:200



DEVELOPED ELEVATION
1:100



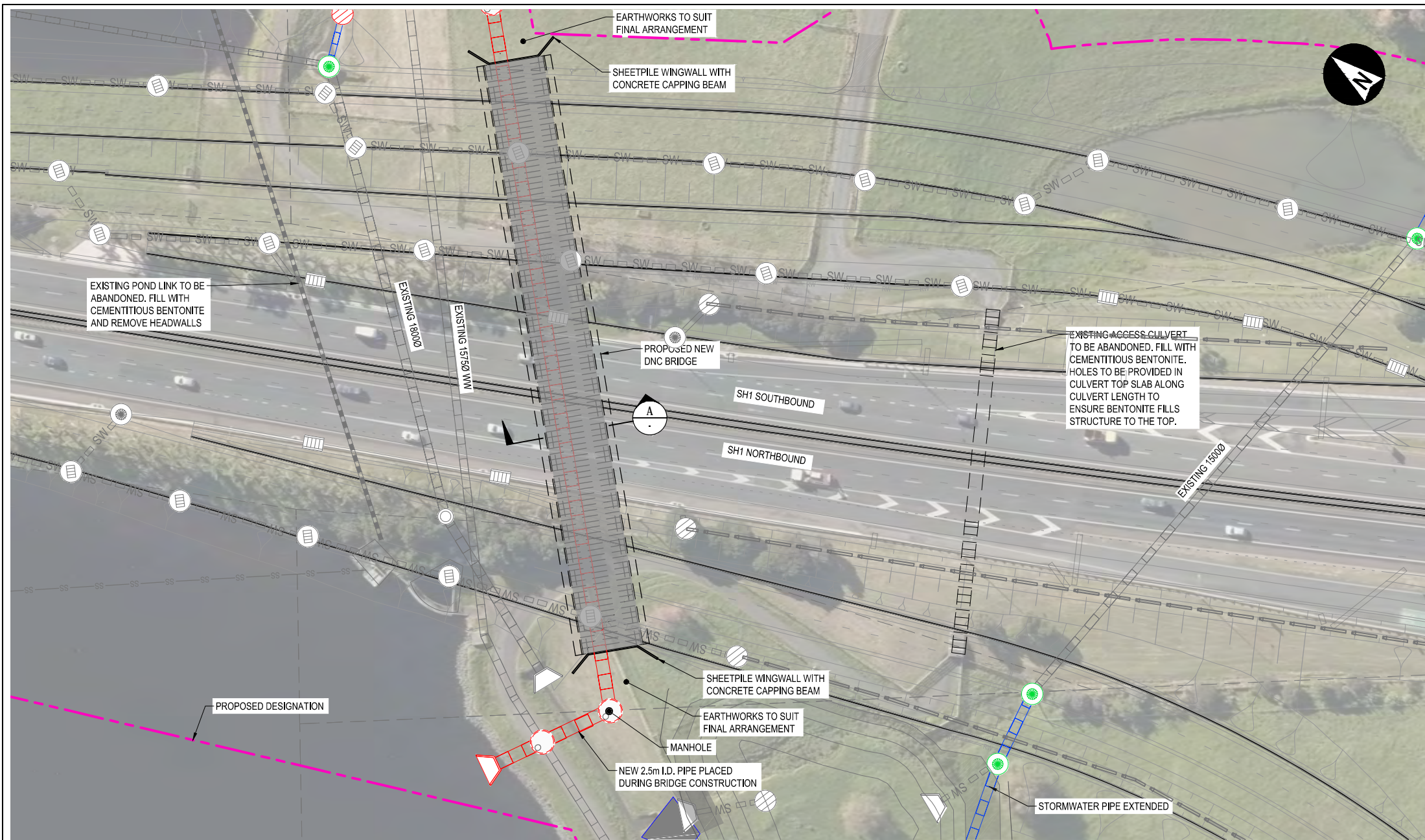
SECTION A
1:100



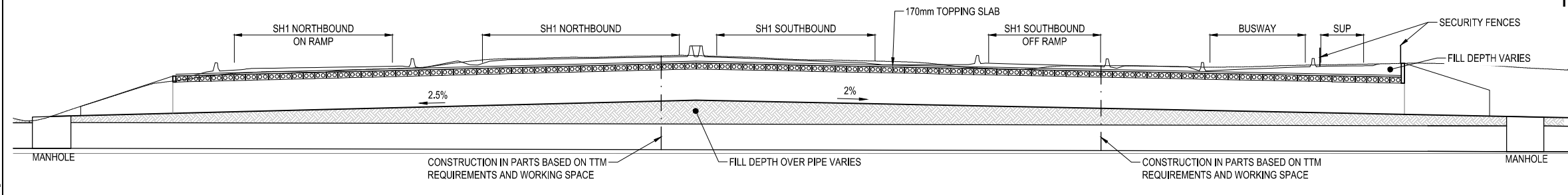
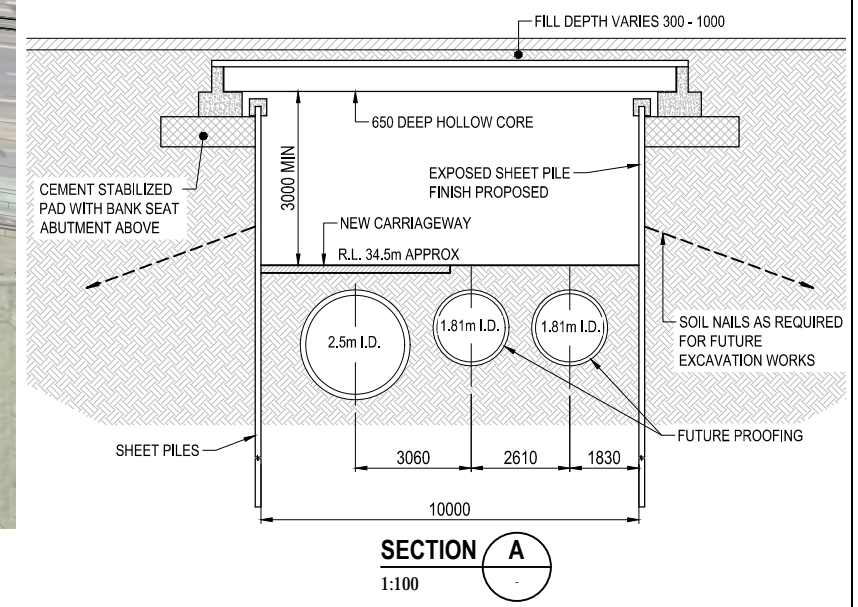
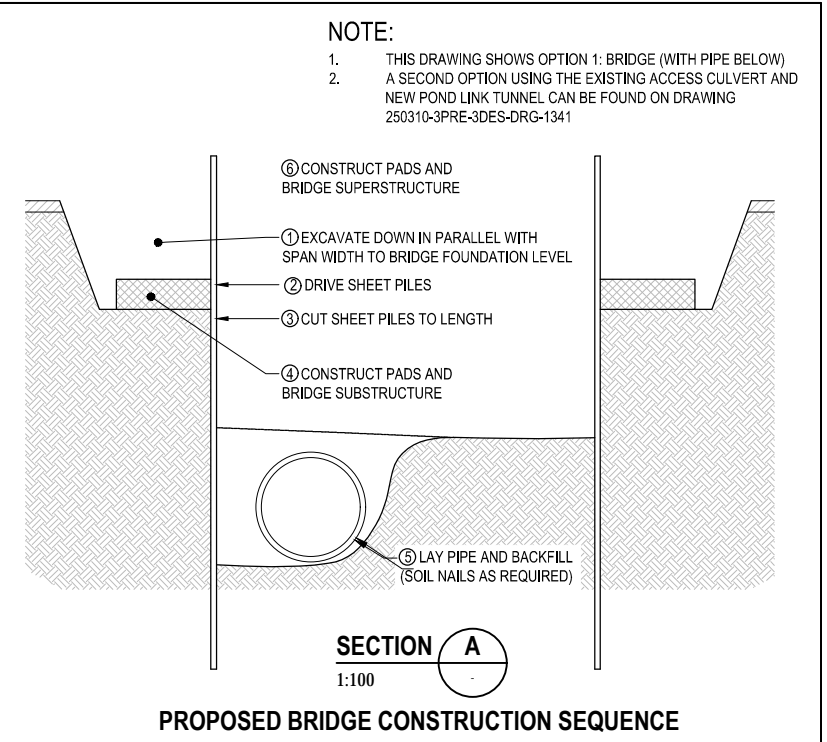
NOTES
1. CLEARANCE ENVELOPE: UNLESS OTHERWISE NOTED THE MINIMUM CLEARANCE OVER TRAFFIC LANES SHOULD BE 6.0m TAPERING TO 5.6m AT THE OUTSIDE EDGE OF THE ADJACENT SHOULDER.

CLIENT		REV		APPROVED		SCALE		SIZE		PRELIMINARY		PROJECT	
aurecon		A 19/09/16 PRELIMINARY ISSUE		G. MOORE		AS SHOWN		A1		NOT FOR CONSTRUCTION		NORTHERN CORRIDOR IMPROVEMENTS	
NZ TRANSPORT AGENCY WAKA KOTAHI		B 29/09/16 DESIGN FREEZE		G. MOORE		DRAWN L.HODGSON				APPROVED		CIVIL STRUCTURES ROSEDALE ROAD BRIDGE WIDENING	
						DESIGNED G.THOMPSON				DATE 03/10/16		TITLE	
						CHECKED A.REEVES				J. HIND		DRAWING No.	
										J. HIND		PROJECT No. 250310	
												STAGE 3PRE	
												WP 3DES	
												TYPE DRG	
												NUMBER 1335	
												REV B	

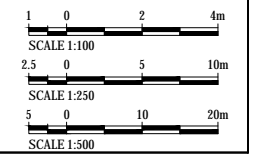
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PLAN
1:500

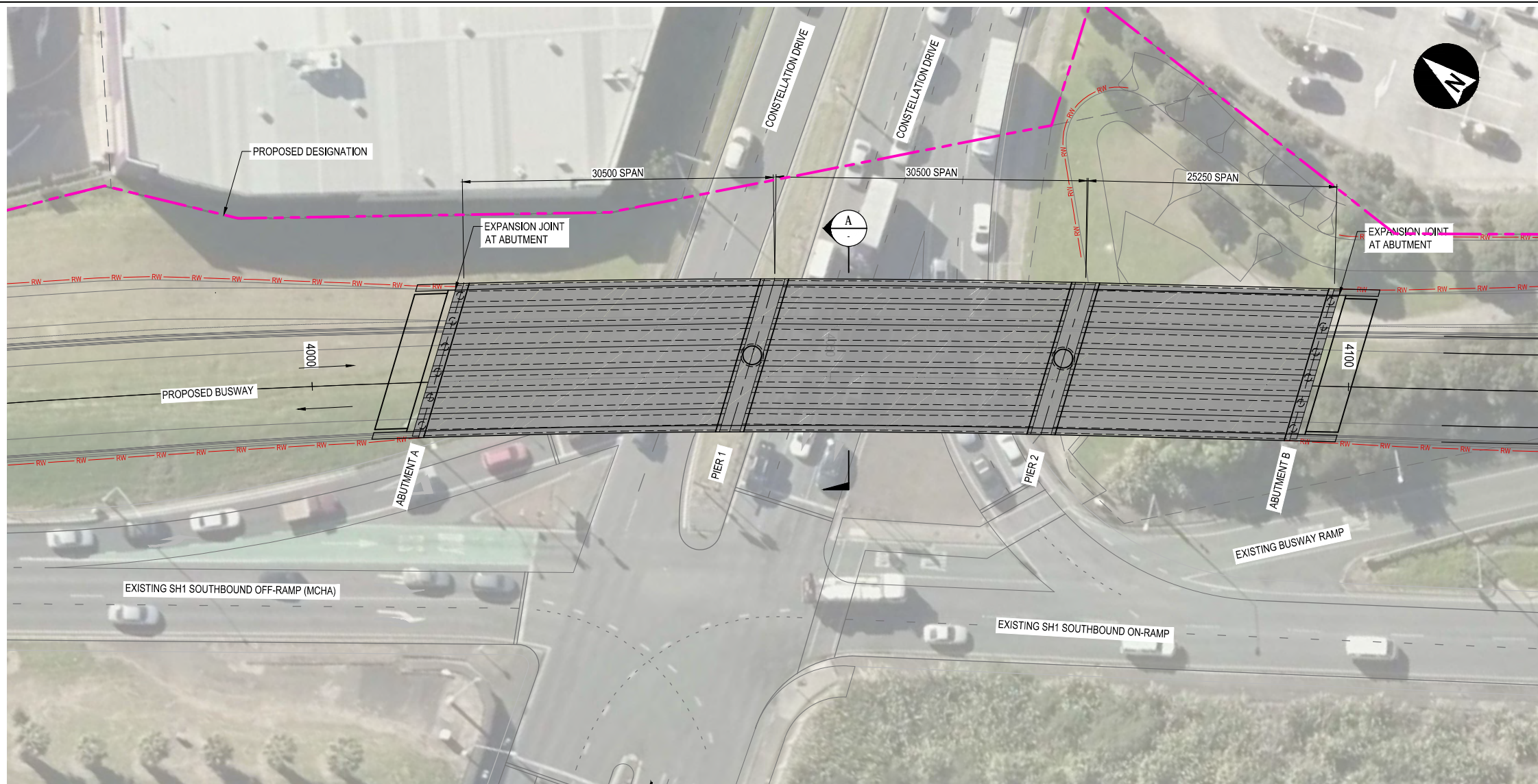


LONGSECTION THROUGH PROPOSED BRIDGE
1:250

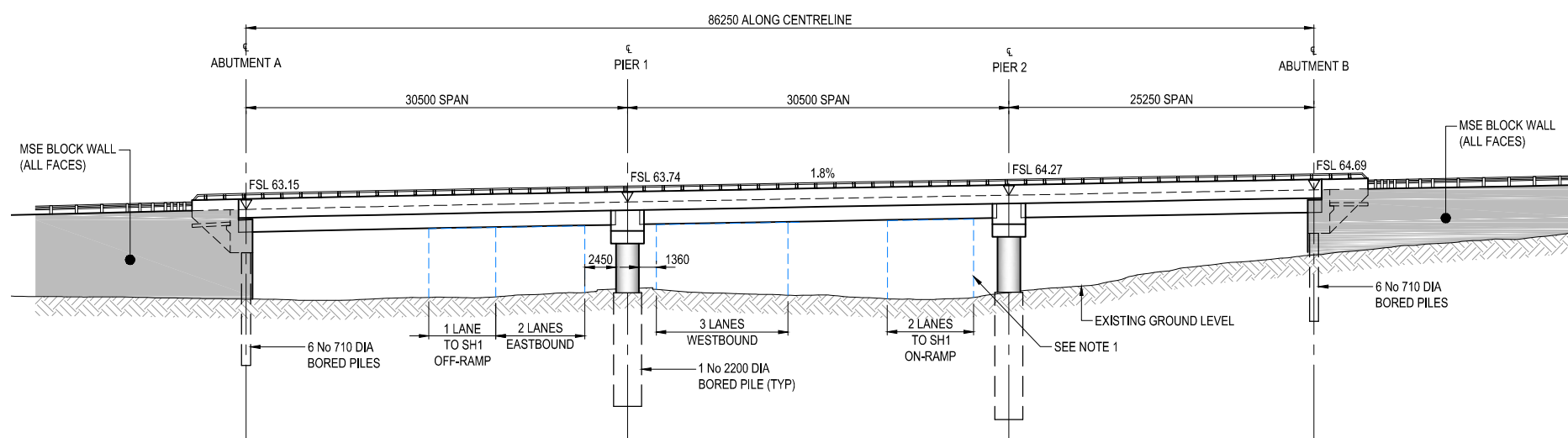


CLIENT	REV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE	PRELIMINARY NOT FOR CONSTRUCTION	PROJECT	NORTHERN CORRIDOR IMPROVEMENTS
aurecon	A	19/09/16	PRELIMINARY ISSUE	G. MOORE	AS SHOWN	A1	APPROVED DATE 03/10/16 J. HIND	CIVIL STRUCTURES SH1 WATERCARE POND LINK BRIDGE (OPTION 1 BELOW SH1)	DRAWING No. 250310 - 3PRE - 3DES - DRG - 1340 - B
	B	29/09/16	DESIGN FREEZE	G. MOORE	DRAWN L.HODGSON DESIGNED G.THOMPSON CHECKED A.REEVES				
NZ TRANSPORT AGENCY WAKA KOTAHI									

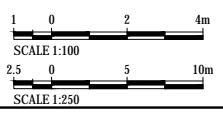
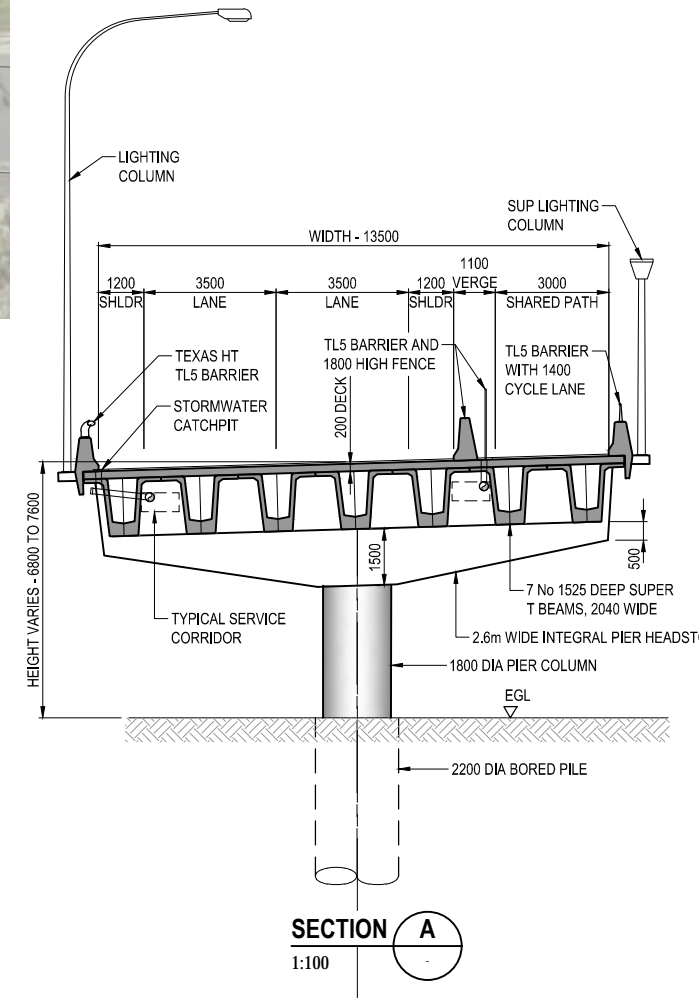
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PLAN
1:250



DEVELOPED ELEVATION
1:250



NOTES

- CLEARANCE ENVELOPE:
UNLESS OTHERWISE NOTED THE MINIMUM CLEARANCE OVER TRAFFIC LANES SHOULD BE 6.0m TAPERING TO 5.6m AT THE OUTSIDE EDGE OF THE ADJACENT SHOULDER.

File Path: 2017/09/16 10:51:17.m... Office: KIALI...

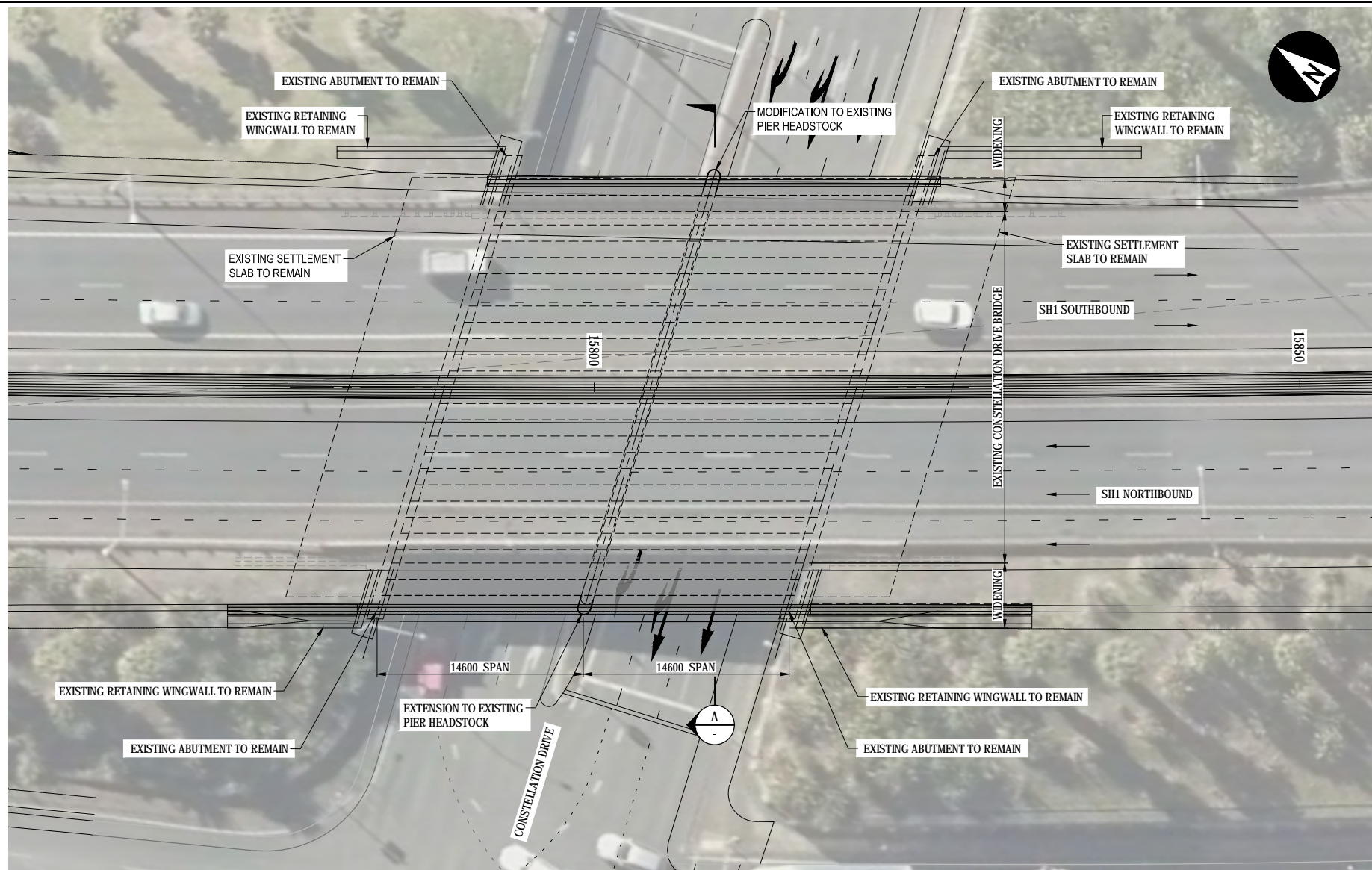


REV	DATE	REVISION DETAILS	APPROVED
A	19/09/16	PRELIMINARY ISSUE	G. MOORE
B	29/09/16	DESIGN FREEZE	G. MOORE

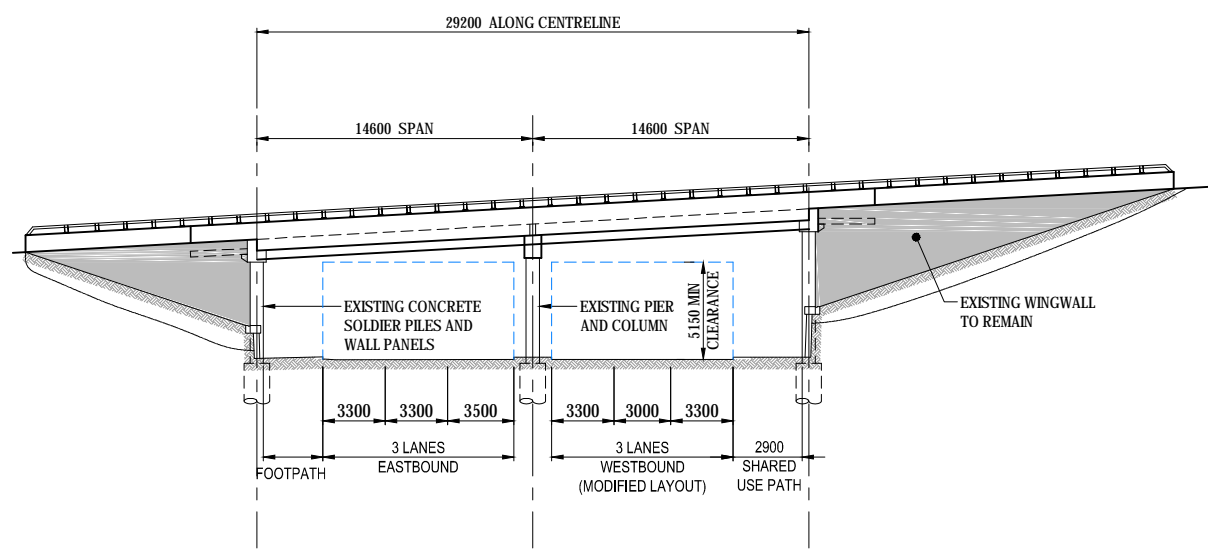
SCALE	SIZE
AS SHOWN	A1
DRAWN	L.HODGSON
DESIGNED	G.THOMPSON
CHECKED	A.REEVES

PRELIMINARY NOT FOR CONSTRUCTION	
APPROVED	DATE 03/10/16
J. HIND	
J. HIND	

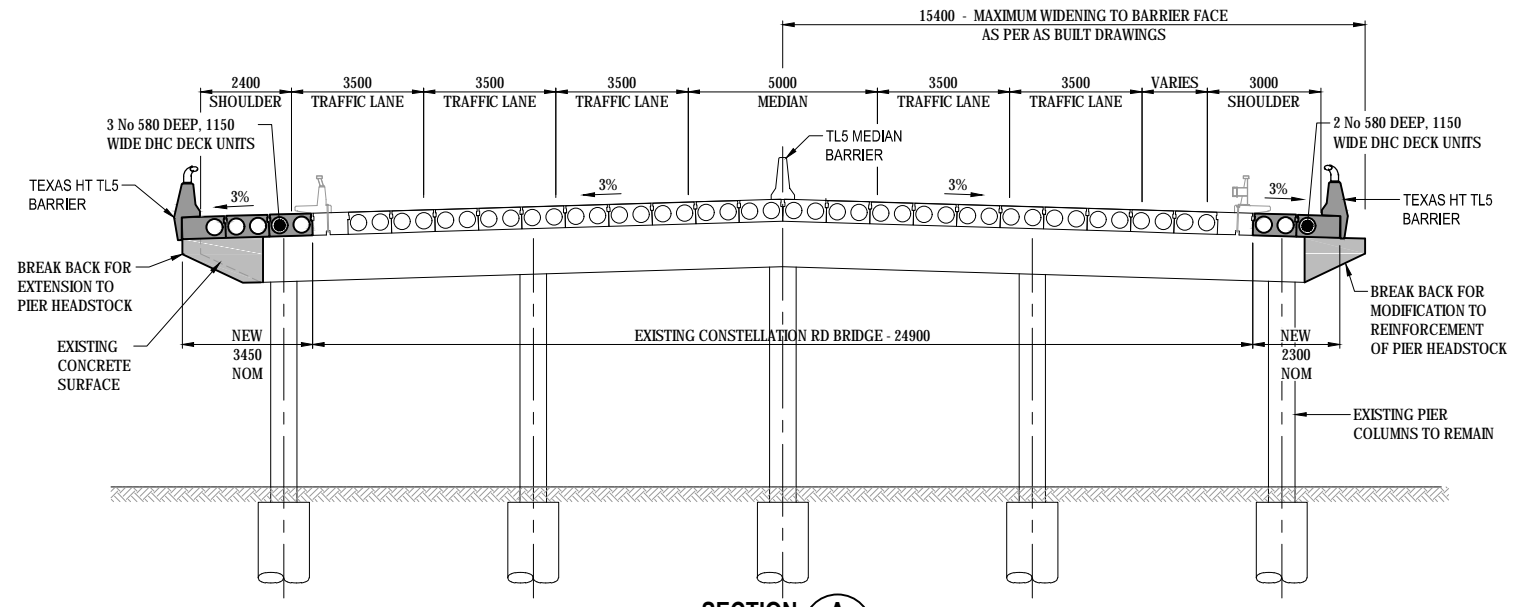
CLIENT	PROJECT	TITLE
	NORTHERN CORRIDOR IMPROVEMENTS	CIVIL STRUCTURES CONSTELLATION DRIVE BUSWAY BRIDGE
	DRAWING No. 250310	PROJECT No. 3PRE
	STAGE 3PRE	WP 3DES
	TYPE DRG	NUMBER 1350
	REV B	



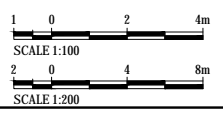
PLAN
1:200



DEVELOPED ELEVATION
1:200



SECTION A
1:100



NOTE:

1. DESIGN CAPACITY OF EXISTING ABUTMENTS TO THE WEST TO ACCOMMODATE WIDENING TO BE CONFIRMED. ALTERNATIVE INVOLVES WIDENING OF SOLDIER PILE RETAINING WALLS AND ABUTMENTS.
2. CLEARANCE ENVELOPE: UNLESS OTHERWISE NOTED THE MINIMUM CLEARANCE OVER TRAFFIC LANES SHOULD BE 6.0m TAPERING TO 5.6m AT THE OUTSIDE EDGE OF THE ADJACENT SHOULDER.

Plan Date: 20/11/2016 10:53:15 AM
 Client: NZTA
 Project: Northern Corridor Improvements
 Drawing: Constellation Drive Bridge Widening

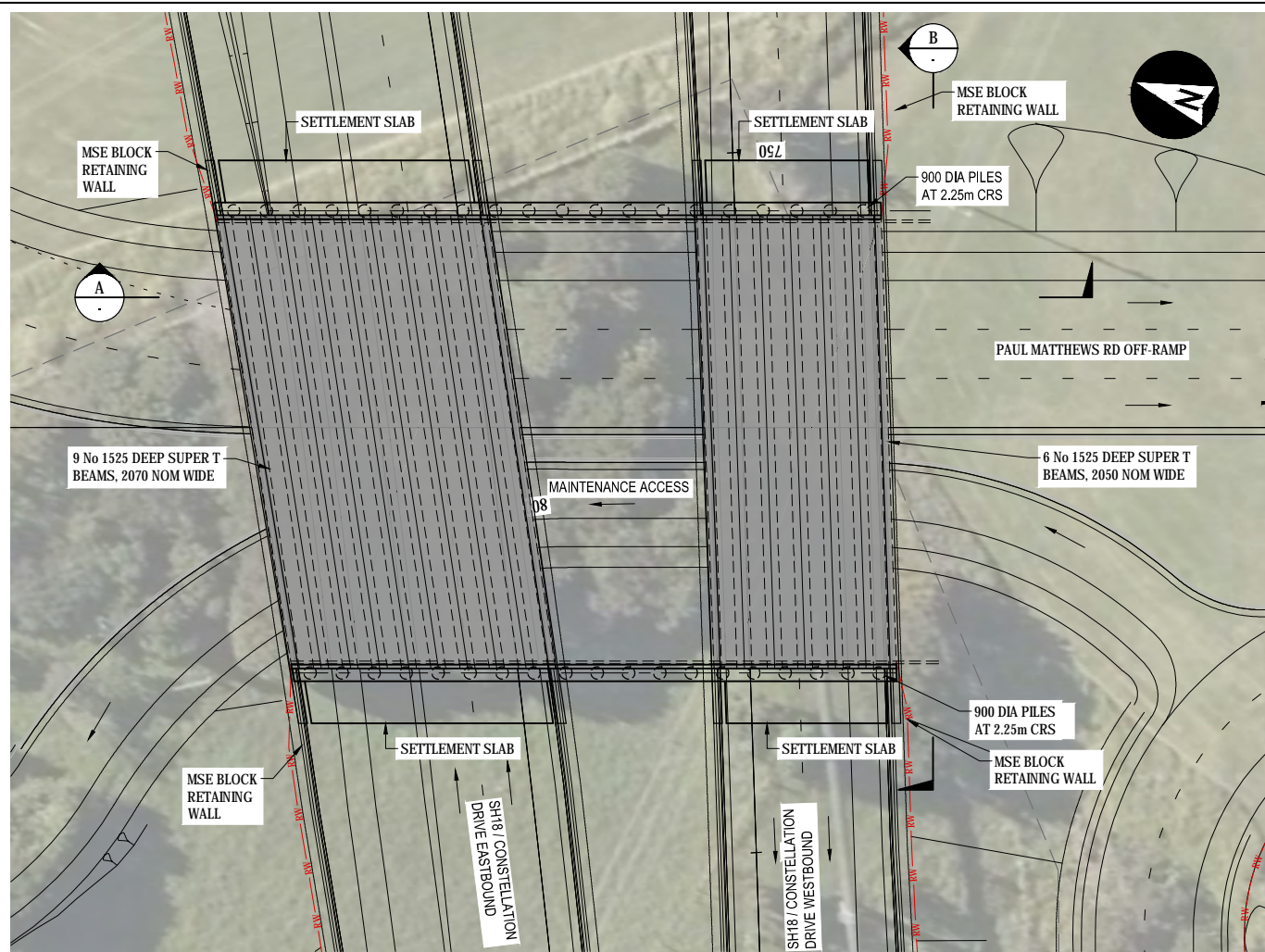


REV	DATE	REVISION DETAILS	APPROVED
A	19/09/16	PRELIMINARY ISSUE	G. MOORE
B	29/09/16	DESIGN FREEZE	G. MOORE

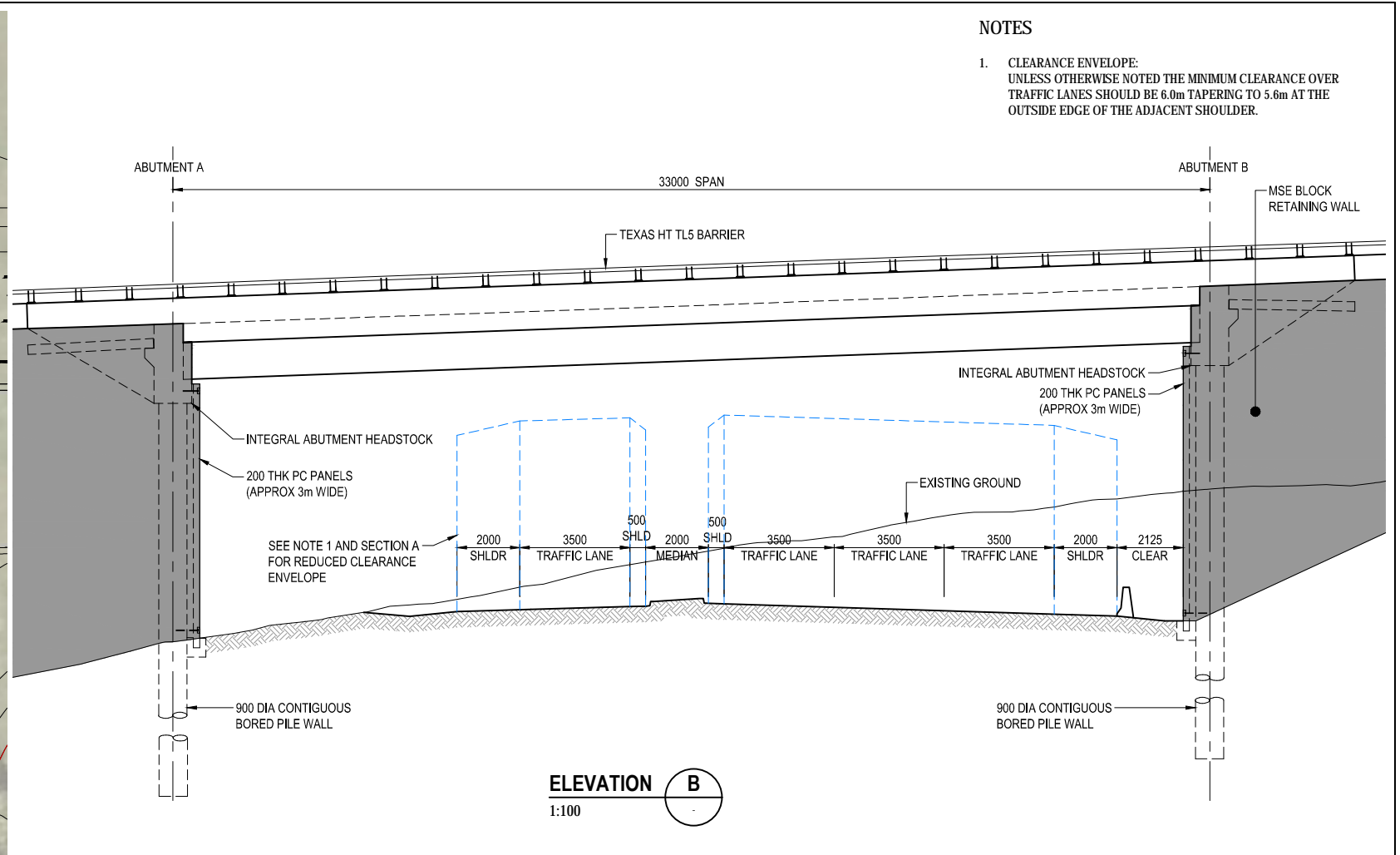
SCALE	SIZE
AS SHOWN	A1
DRAWN	L.HODGSON
DESIGNED	G.THOMPSON
CHECKED	A.REEVES

DATE	APPROVED
03/10/16	J. HIND
	J. HIND

PROJECT	TITLE	PROJECT No.	STAGE	WP	TYPE	NUMBER	REV
NORTHERN CORRIDOR IMPROVEMENTS	CIVIL STRUCTURES CONSTELLATION DRIVE BRIDGE WIDENING	250310	3PRE	3DES	DRG	1355	B

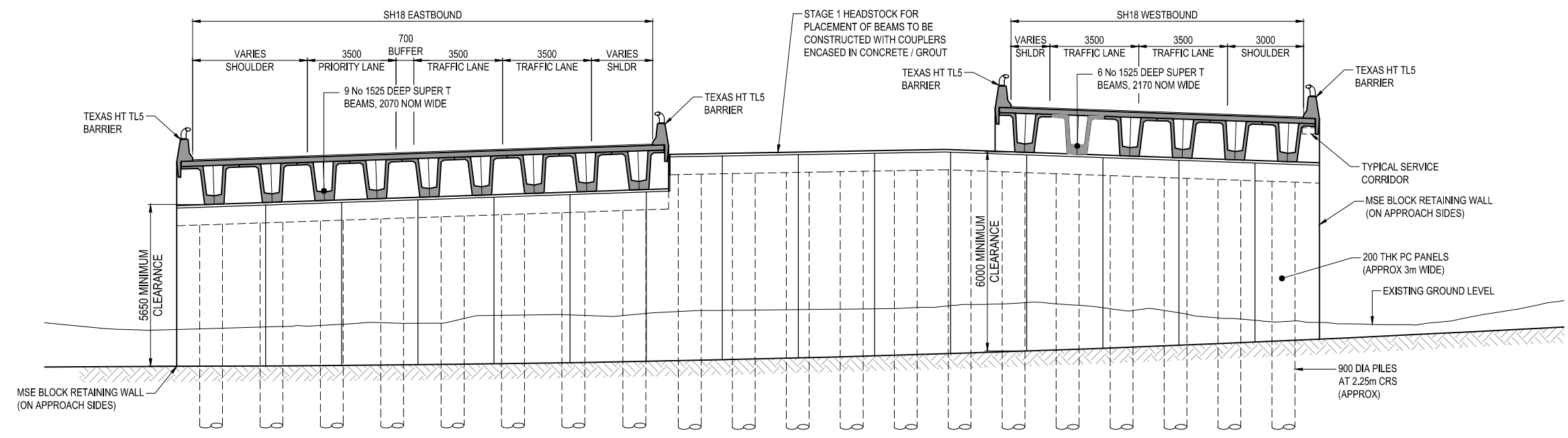


PLAN
1:250

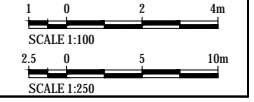


ELEVATION B
1:100

NOTES
1. CLEARANCE ENVELOPE: UNLESS OTHERWISE NOTED THE MINIMUM CLEARANCE OVER TRAFFIC LANES SHOULD BE 6.0m TAPERING TO 5.6m AT THE OUTSIDE EDGE OF THE ADJACENT SHOULDER.



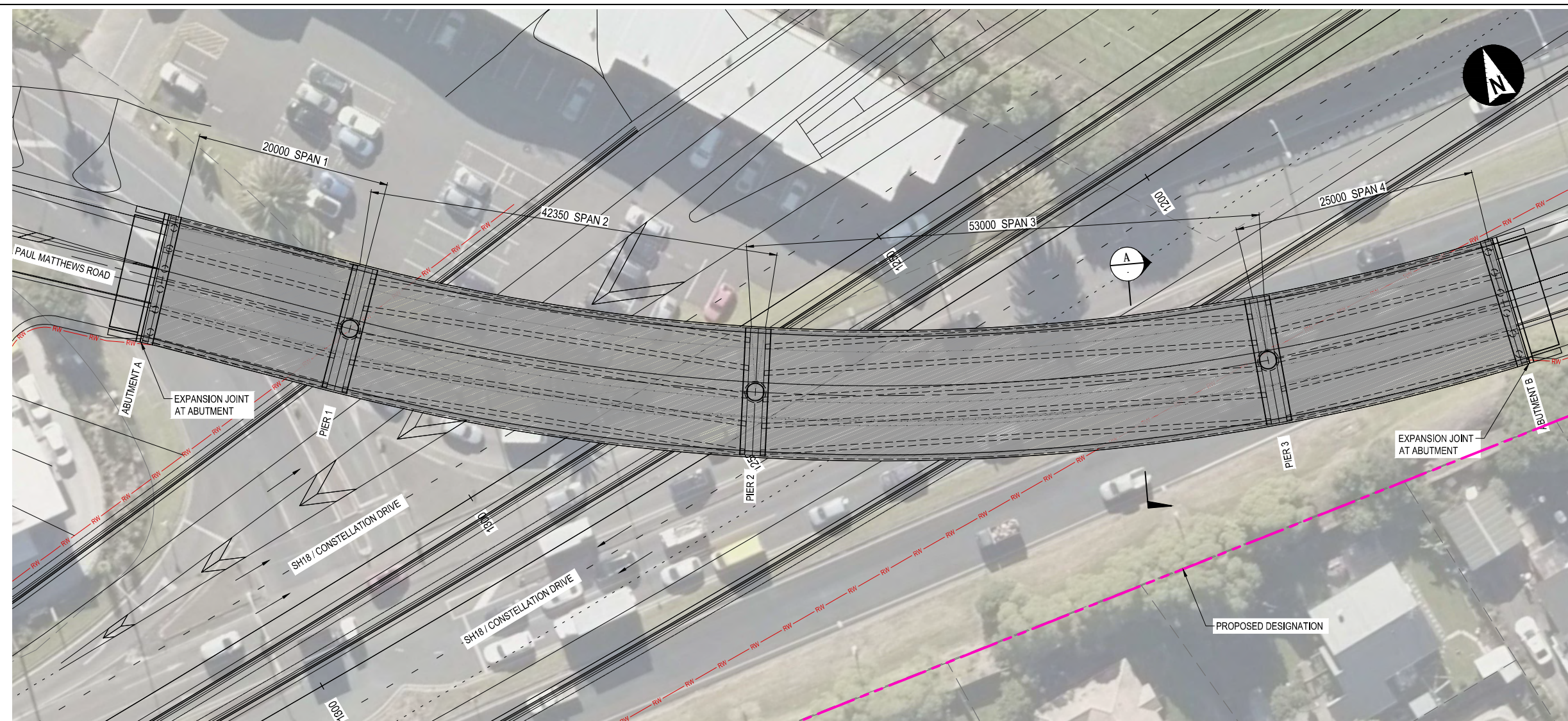
SECTION A
1:100



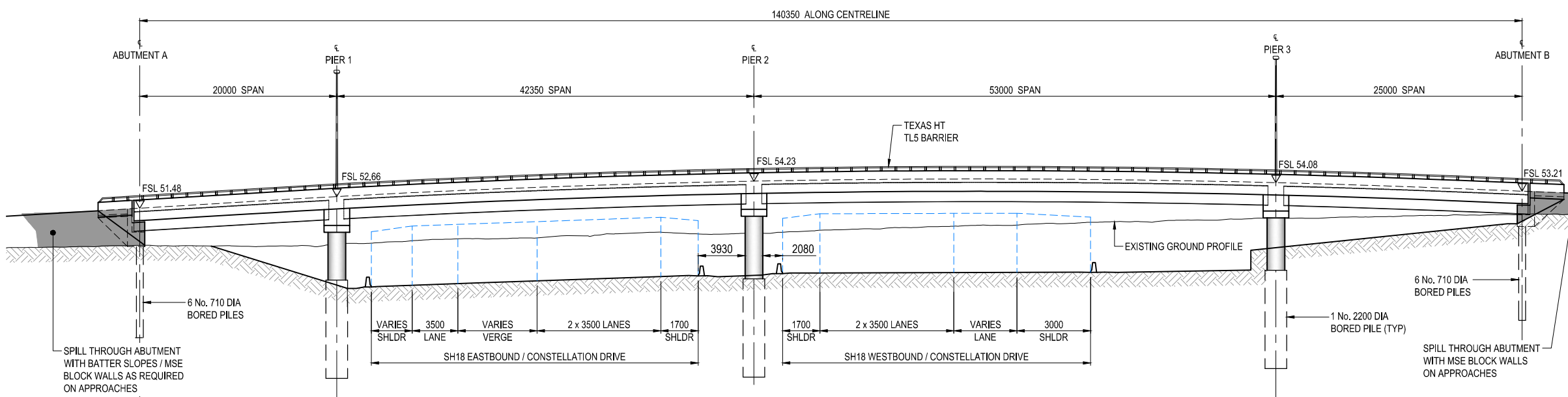
CLIENT		REV		DATE	REVISION DETAILS	APPROVED	SCALE	SIZE	PRELIMINARY	PROJECT	NORTHERN CORRIDOR IMPROVEMENTS						
A		19/09/16		PRELIMINARY ISSUE		G. MOORE	AS SHOWN	A1	NOT FOR CONSTRUCTION	CIVIL STRUCTURES							
B		29/09/16		DESIGN FREEZE		G. MOORE	DRAWN		APPROVED	CARIBBEAN DRIVE INTERSECTION BRIDGE (UNDER SH18)							
							L.HODGSON		DATE	TITLE		PROJECT No.	STAGE	WP	TYPE	NUMBER	REV
							G.THOMPSON		03/10/16	J. HIND		250310	3PRE	3DES	DRG	1365	B
							CHECKED		J. HIND	DRAWING No.							
							A. REEVES		J. HIND								



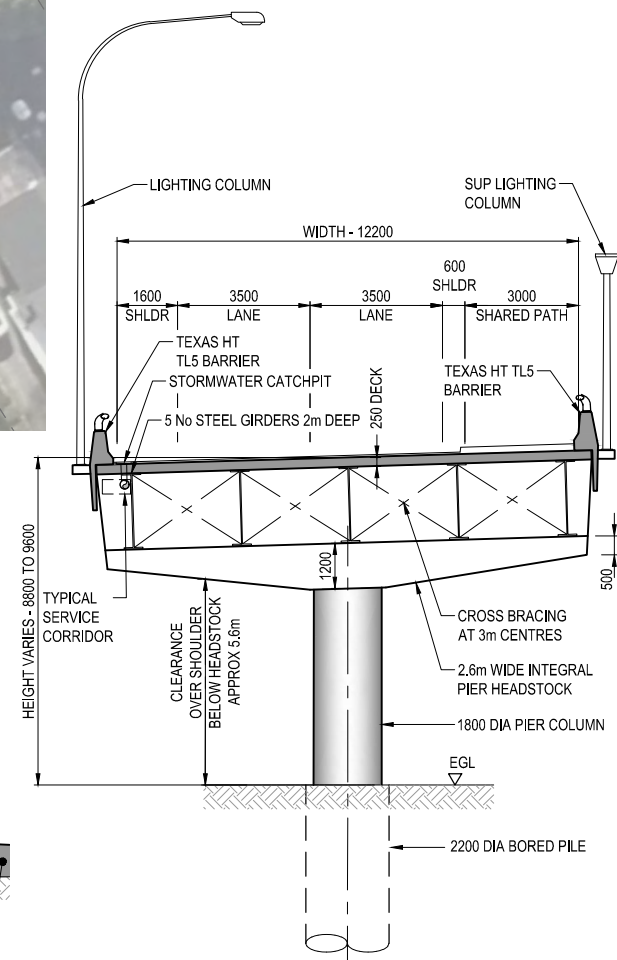
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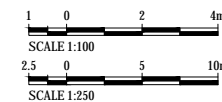
PLAN
1:250



DEVELOPED ELEVATION
1:250



SECTION A
1:100



NOTES

- CLEARANCE ENVELOPE:
UNLESS OTHERWISE NOTED THE MINIMUM CLEARANCE OVER TRAFFIC LANES SHOULD BE 6.0m TAPERING TO 5.6m AT THE OUTSIDE EDGE OF THE ADJACENT SHOULDER.

19/09/16 13:27:29 p.m. C:\P1\WORK\2016\1609\2016_09_19_13_27_29_P1.DWG (1:100)

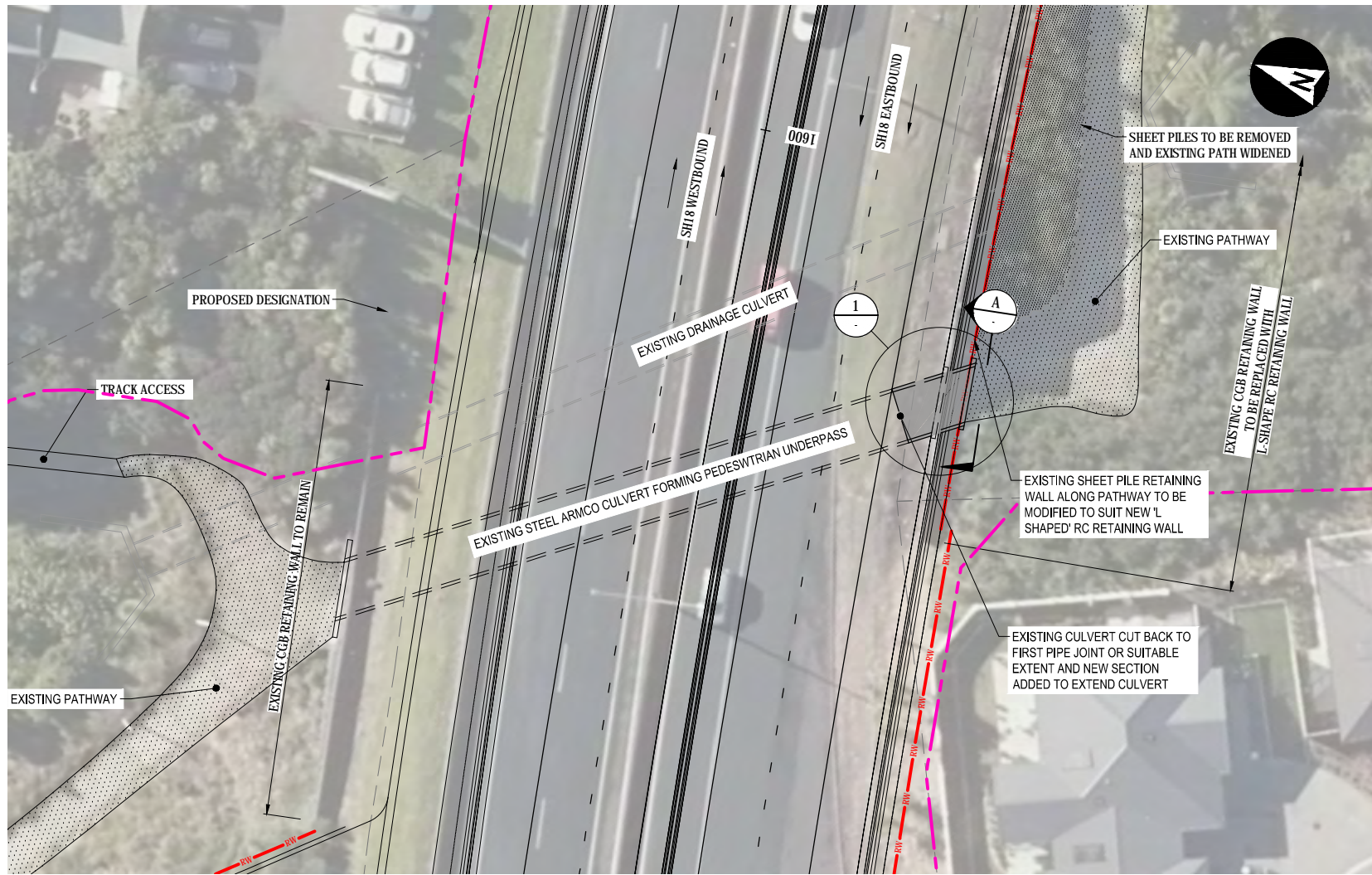


REV	DATE	REVISION DETAILS	APPROVED
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B	29/09/16	DESIGN FREEZE	G. MOORE

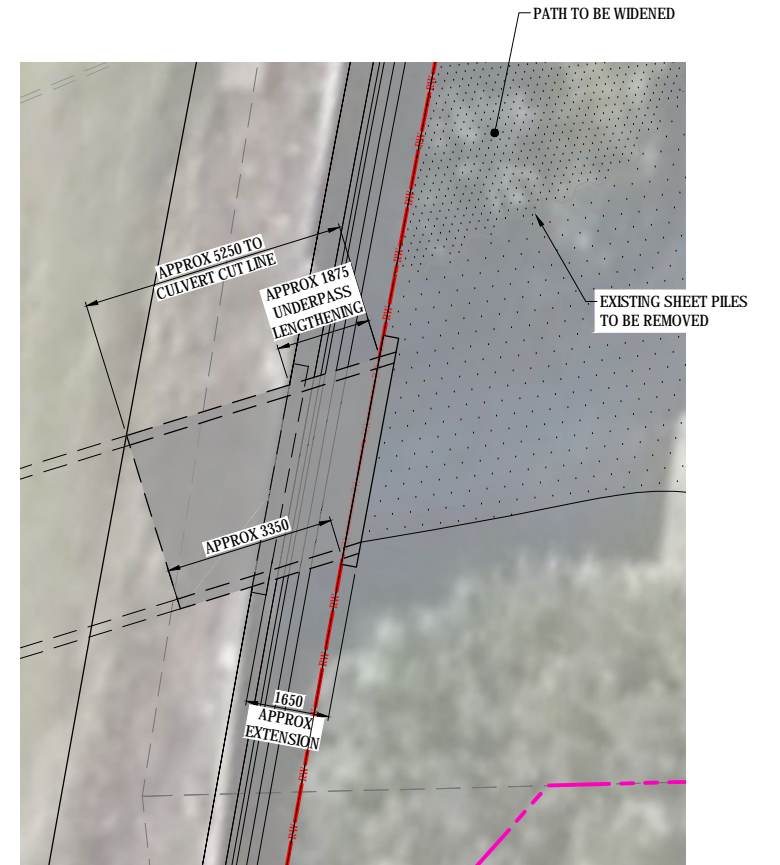
SCALE	SIZE
AS SHOWN	A1
DRAWN	L.HODGSON
DESIGNED	G.THOMPSON
CHECKED	A.REEVES

PRELIMINARY NOT FOR CONSTRUCTION	
APPROVED	DATE 03/10/16
J. HIND	
J. HIND	

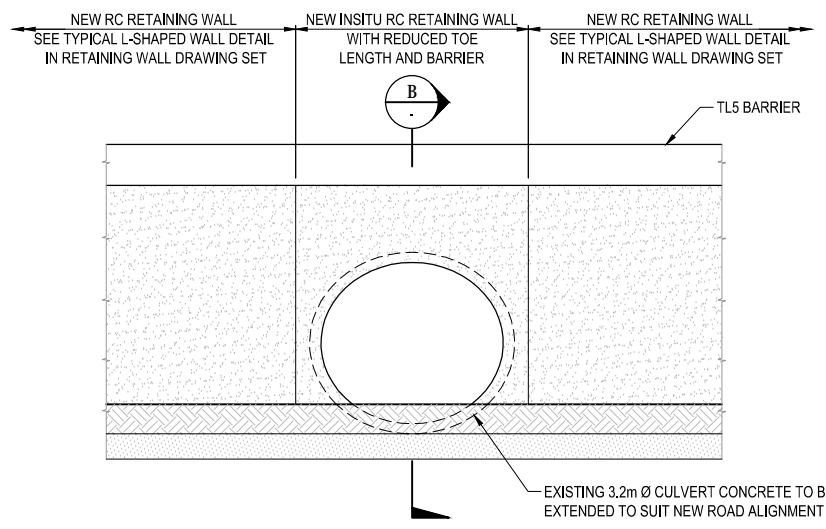
PROJECT	NORTHERN CORRIDOR IMPROVEMENTS					
TITLE	CIVIL STRUCTURES PAUL MATTHEWS ROAD BRIDGE (OVER SH18)					
DRAWING No.	PROJECT No.	STAGE	WP	TYPE	NUMBER	REV
250310	3PRE	3DES	DRG	1370	B	



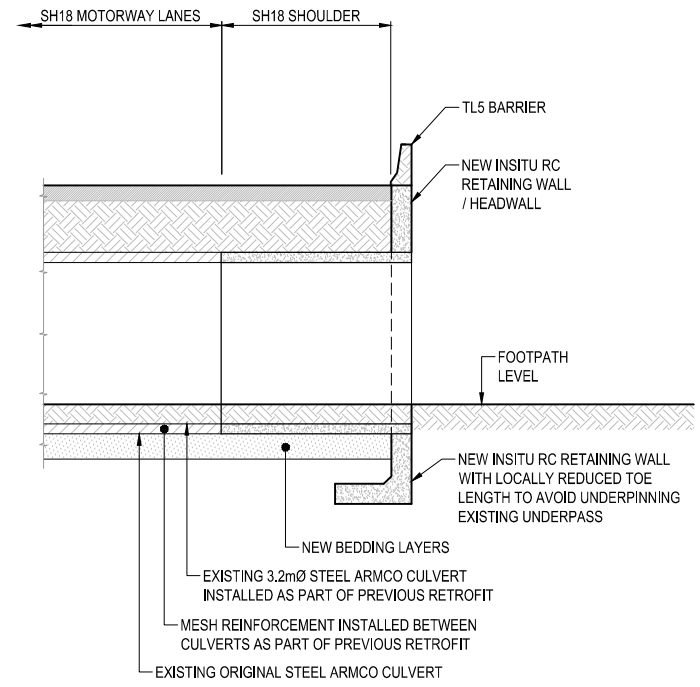
PLAN
1:200



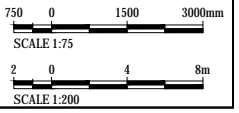
DETAIL 1
1:75



ELEVATION A
1:75



SECTION B
1:75



CLIENT		REV			DATE	REVISION DETAILS	APPROVED	SCALE	SIZE	PRELIMINARY NOT FOR CONSTRUCTION	PROJECT	NORTHERN CORRIDOR IMPROVEMENTS					
aurecon		A	19/09/16	PRELIMINARY ISSUE	G. MOORE	AS SHOWN	A1	DATE 03/10/16			TITLE	CIVIL STRUCTURES ALEXANDRA STREAM PEDESTRIAN UNDERPASS (UNDER SH18)					
NZ TRANSPORT AGENCY WAKA KOTAHI		B	29/09/16	DESIGN FREEZE	G. MOORE	DRAWN		APPROVED		DRAWING No.	PROJECT No.	STAGE	WP	TYPE	NUMBER	REV	
						DESIGNED		J. HIND		250310	3PRE	3DES	DRG		1375	B	
						CHECKED		J. HIND									
						A. REEVES											

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