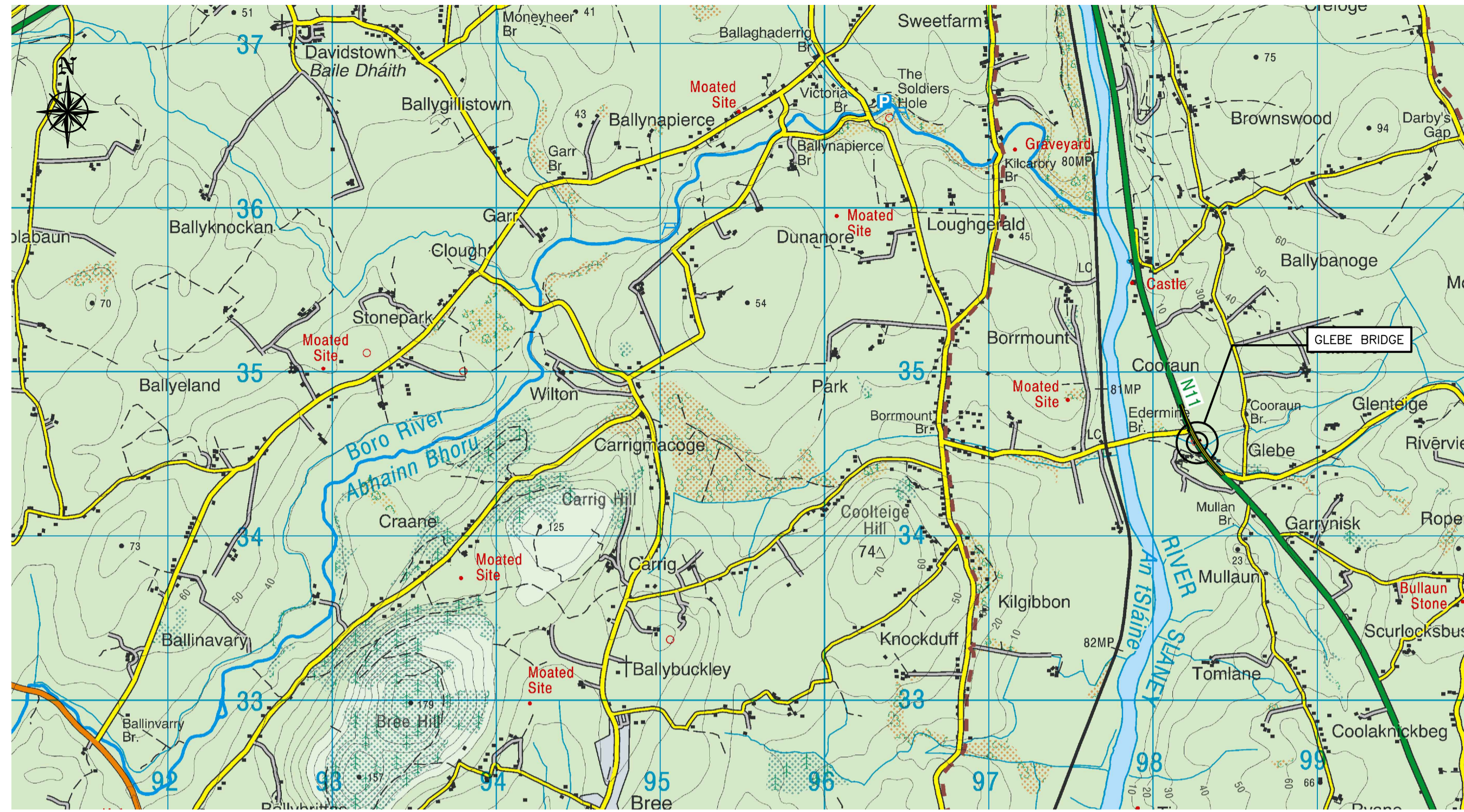


Appendix A

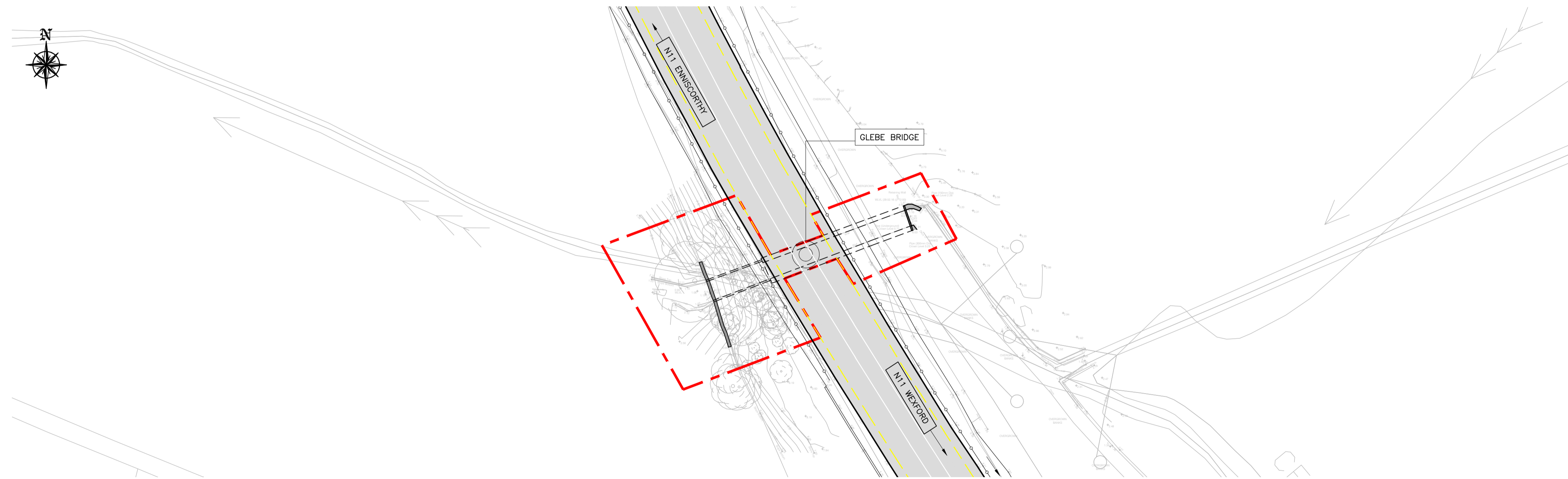
Glebe Bridge Contract Drawings



SITE LOCATION MAP
 A1 SCALE 1:500
 A3 SCALE 1:1000

- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM AT MALIN HEAD.
 3. ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR.
 4. EXTENT OF SITE AND AREA PROVIDED BY THE EMPLOYER EXCLUDES AREA WHICH MAY BE TEMPORARILY OCCUPIED SUBJECT TO TRAFFIC SAFETY AND MANAGEMENT AND DIVERSIONS.
 5. THE CONTRACTOR IS REQUIRED TO PROVIDE ACCESS THROUGH THE EXTENT OF SITE AND AREA PROVIDED BY THE EMPLOYER IN ACCORDANCE WITH THE SPECIFICATION.
 6. THE EXISTING POSITION AND LEVEL OF SERVICES SHOWN TO BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE PROTECTION TO EXISTING SERVICES.

- LEGEND:**
- SITE EXTENT/AREA PROVIDED BY THE EMPLOYER



SITE LAYOUT PLAN
 A1 SCALE 1:500
 A3 SCALE 1:1000



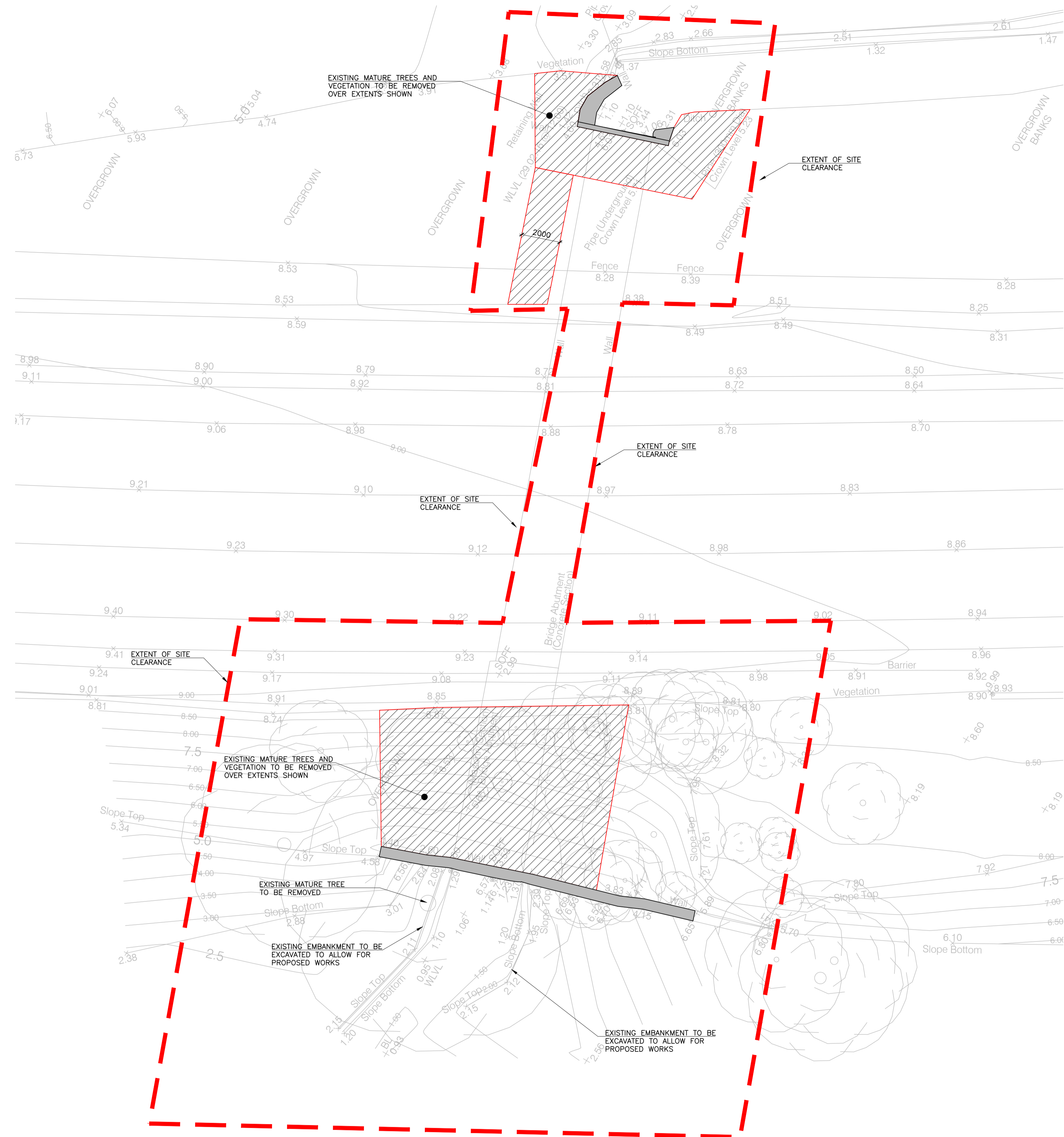
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No.	Revision	Date	By	Chk'd	App'd
	Stage	Date			
	PRELIMINARY				
	APPROVAL				
	TENDER	JULY '16		RMJ	
	CONSTRUCTION	OCT '16		RMJ	

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Project Title				CARLOW & WEXFORD BRIDGES REHABILITATION CONTRACT			
Drawing Title				STRUCTURE No. 5 WX-N11-003.00 GLEBE BRIDGE LOCATION MAP & SITE LAYOUT PLAN			
Drawn:	OMF	Job No:	15.135	Drawing No:		Rev:	
Scale:	AS SHOWN	Date:	JUNE 2016	100-ST05-001	COO		



- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM AT MALIN HEAD.
 3. ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR.
 4. WHERE EXISTING BOUNDARY WALLS AND FENCES ARE TO BE TAKEN DOWN TO ALLOW CONSTRUCTION OF PERMANENT WORKS TEMPORARY FENCING TO BE PROVIDED TO PREVENT UNAUTHORISED ACCESS TO SITE AREA AND PRIVATE LANDS.
 5. THE CONTRACTOR IS REQUIRED TO PROVIDE ACCESS THROUGH THE EXTENT OF SITE IN ACCORDANCE WITH THE SPECIFICATION.
 6. THE CONTRACTOR SHALL LIAISE WITH THE RELEVANT SERVICE PROVIDERS TO AGREE AND IMPLEMENT PROTECTION MEASURES AND DIVERSIONS.
 7. WHERE EXISTING LIGHTING AND SIGNAGE IS TO BE TAKEN DOWN TO ALLOW CONSTRUCTION OF THE PERMANENT WORKS EQUIVALENT TEMPORARY LIGHTING AND SIGNAGE TO BE PROVIDED FOR THE DURATION OF THE WORKS UNTIL PERMANENT LIGHTING AND SIGNAGE IS REINSTATED OR IN PLACE.

SITE CLEARANCE PLAN
 A1 SCALE 1:125
 A3 SCALE 1:250



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No.	Revision	Date	By	Chkd	App'd
	Stage		Date		App'd
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TENDER					
CONSTRUCTION					
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		OCT '16			RMJ

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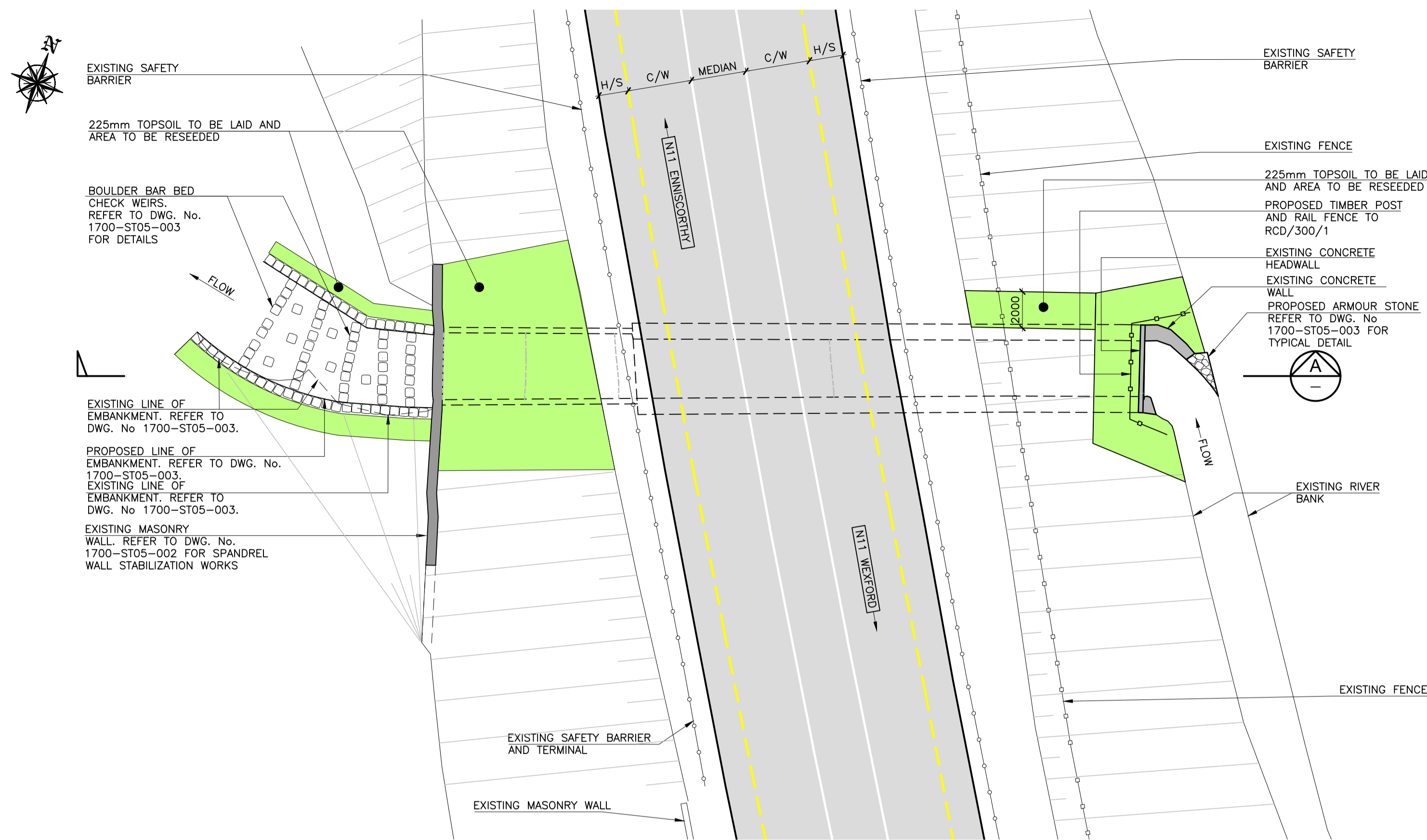
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Designed: PK Checked: RMJ Approved: RMJ Status: CONSTRUCTION

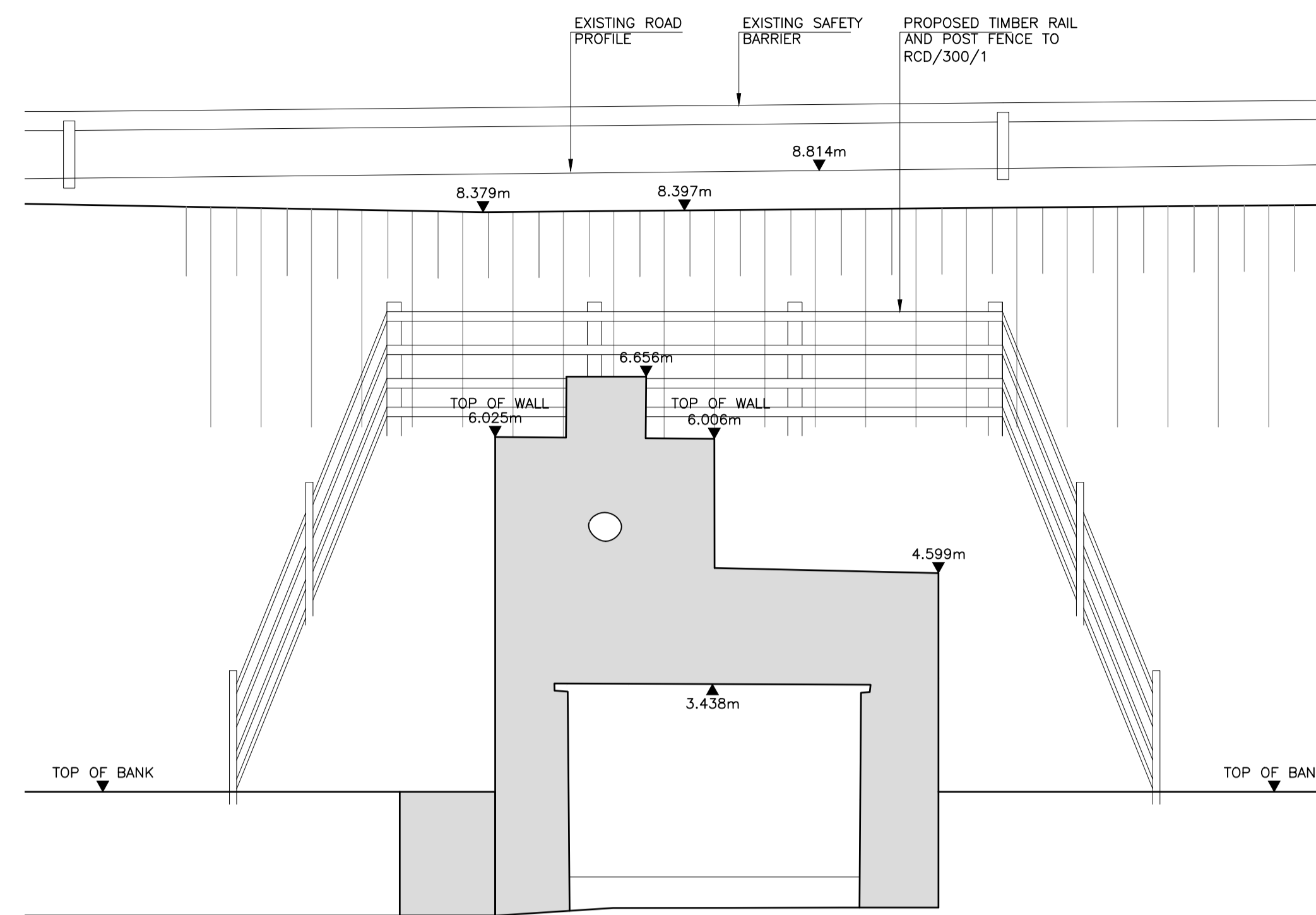
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Drawing Title		STRUCTURE No. 5 WX-N11-003.00 GLEBE BRIDGE SITE CLEARANCE			
Drawn: OMF	Job No: 15.135	Drawing No:	Rev:		
Scale: (A1) AS SHOWN	Date: JUNE 2016	200-ST05-001	COO		

NOTES:

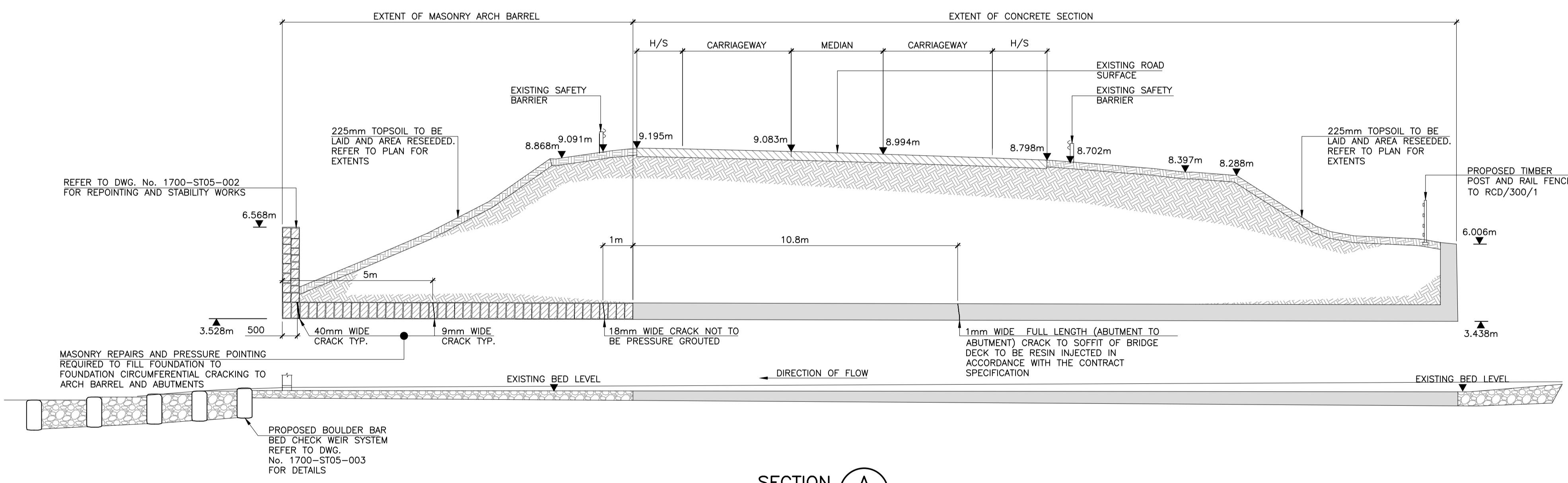
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES TO ORDNANCE DATUM.
3. ALL CO-ORDINATES ARE IN METRES TO IRISH TRANSVERSE MERCATOR.



PLAN ON BRIDGE SHOWING PROPOSED WORKS
 A1 SCALE 1:200
 A3 SCALE 1:400



EAST ELEVATION
 A1 SCALE 1:50
 A3 SCALE 1:100



SECTION A
 A1 SCALE 1:100
 A3 SCALE 1:200



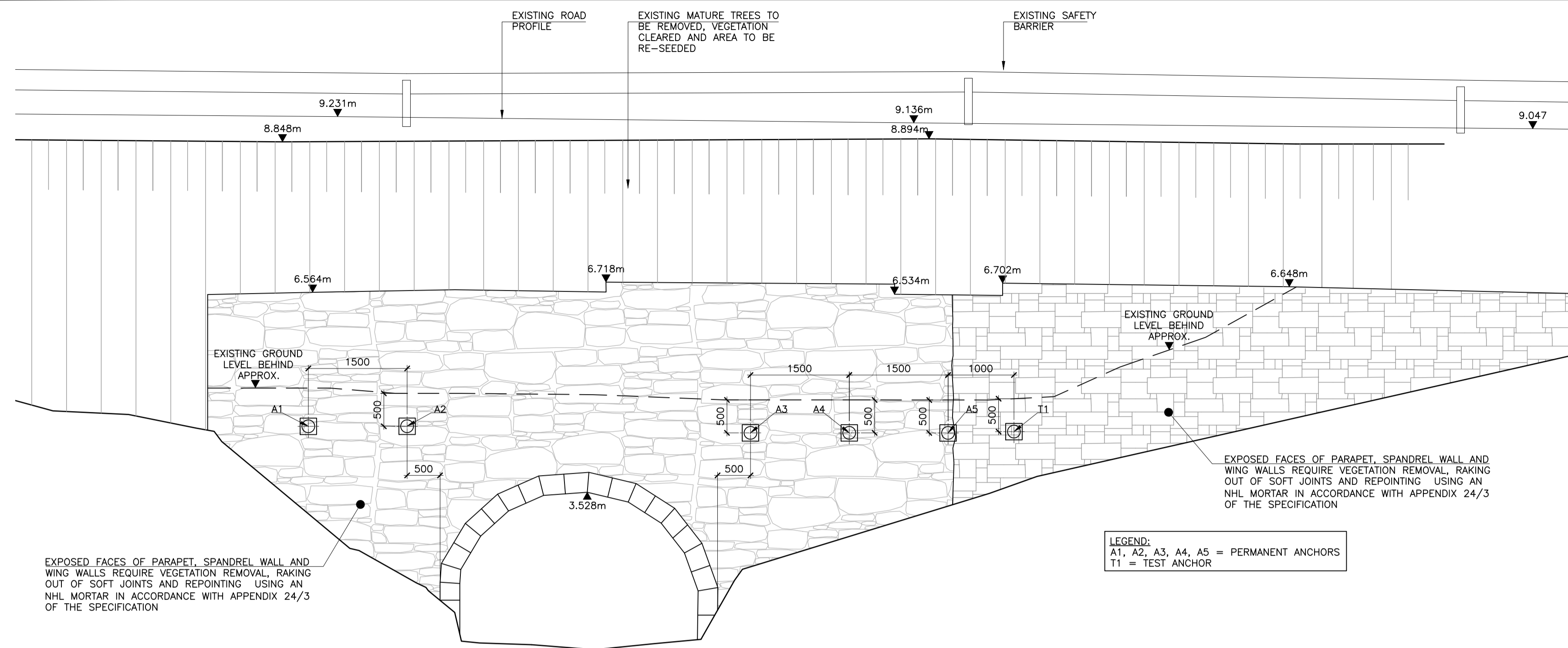
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No.	Revision	Date	By	Chk'd	App'd
	Stage				
	PRELIMINARY				
	APPROVAL				
	TENDER	JULY '16		RMJ	
	CONSTRUCTION	OCT '16		RMJ	

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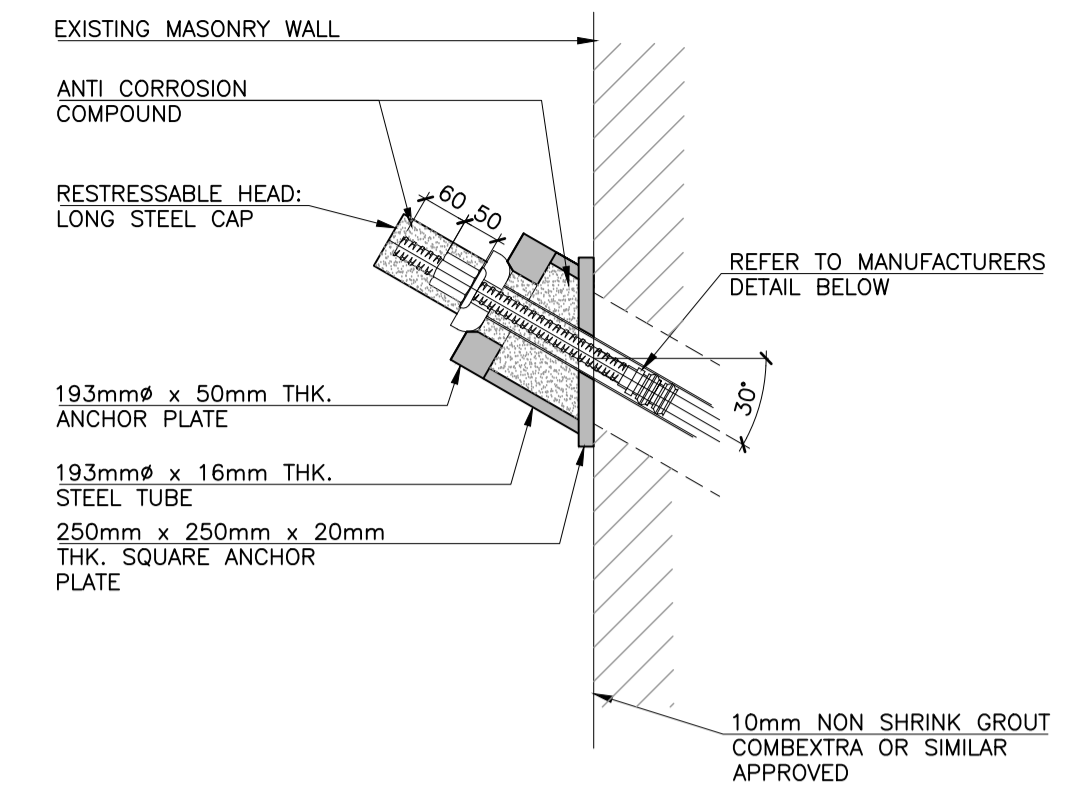
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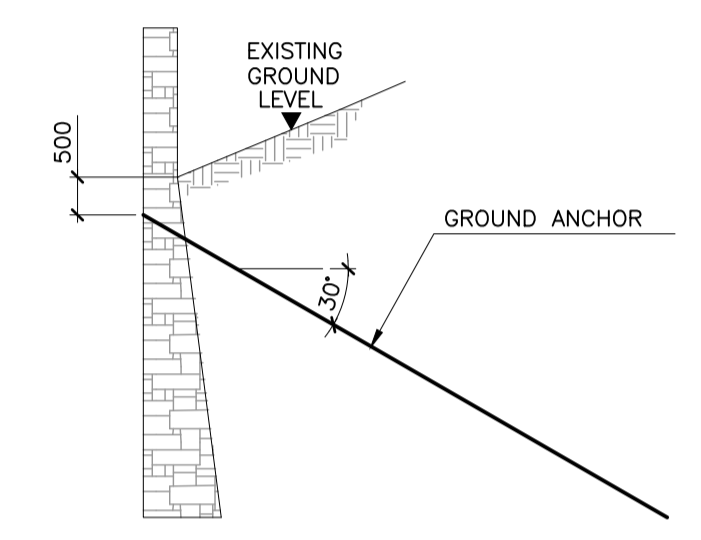
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Drawing Title				STRUCTURE No. 5 WX-N11-003.00 GLEBE BRIDGE FENCING, TOPSOILING & CONCRETE/ MASONRY REPAIRS			
Drawn:	OMF	Job No:	15.135	Drawing No:		Rev:	
Scale:	(A1) AS SHOWN	Date:	JUNE 2016		1700-ST05-001	COO	



LEGEND:
 A1, A2, A3, A4, A5 = PERMANENT ANCHORS
 T1 = TEST ANCHOR

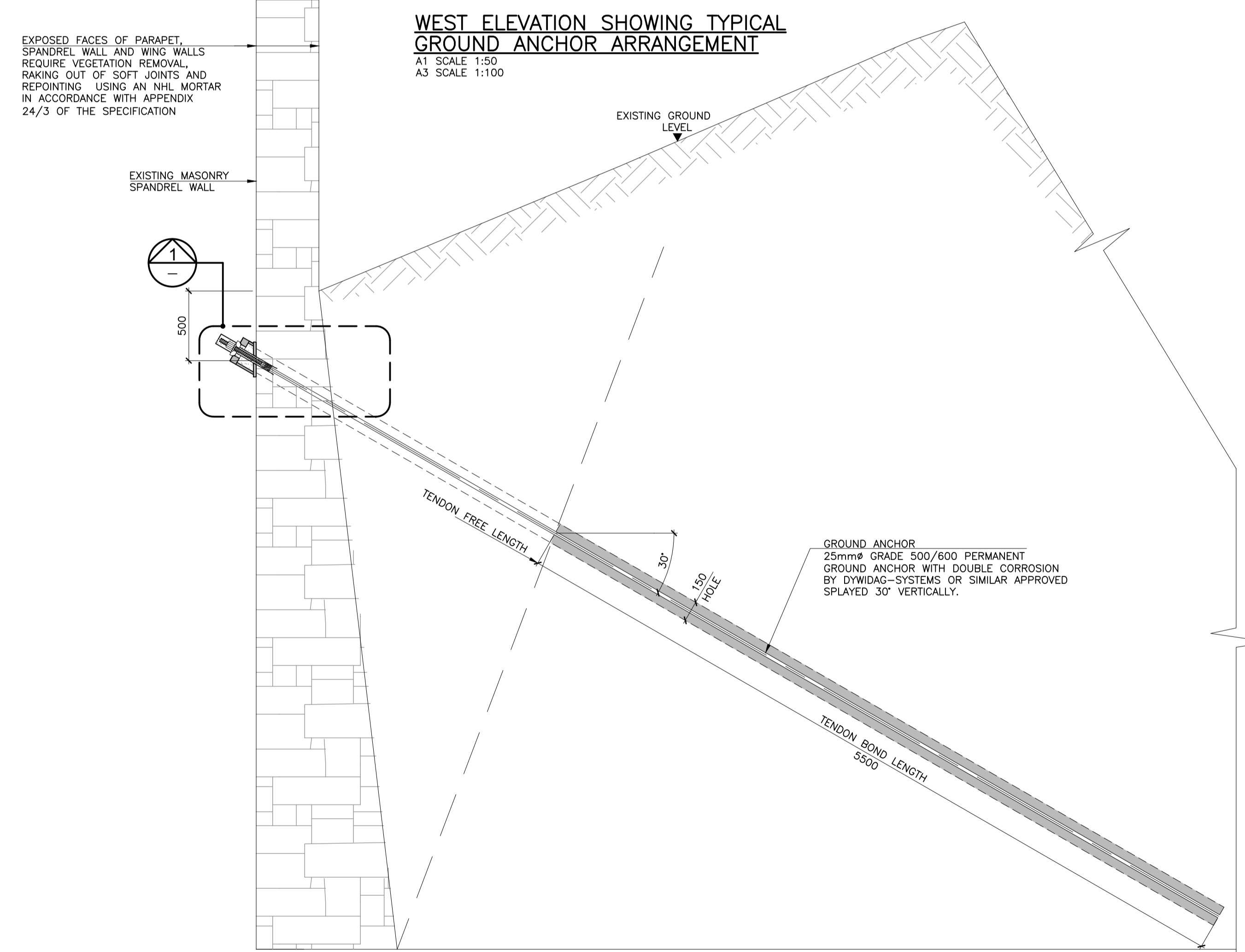


DETAIL 1
 A1 SCALE 1:10
 A3 SCALE 1:20



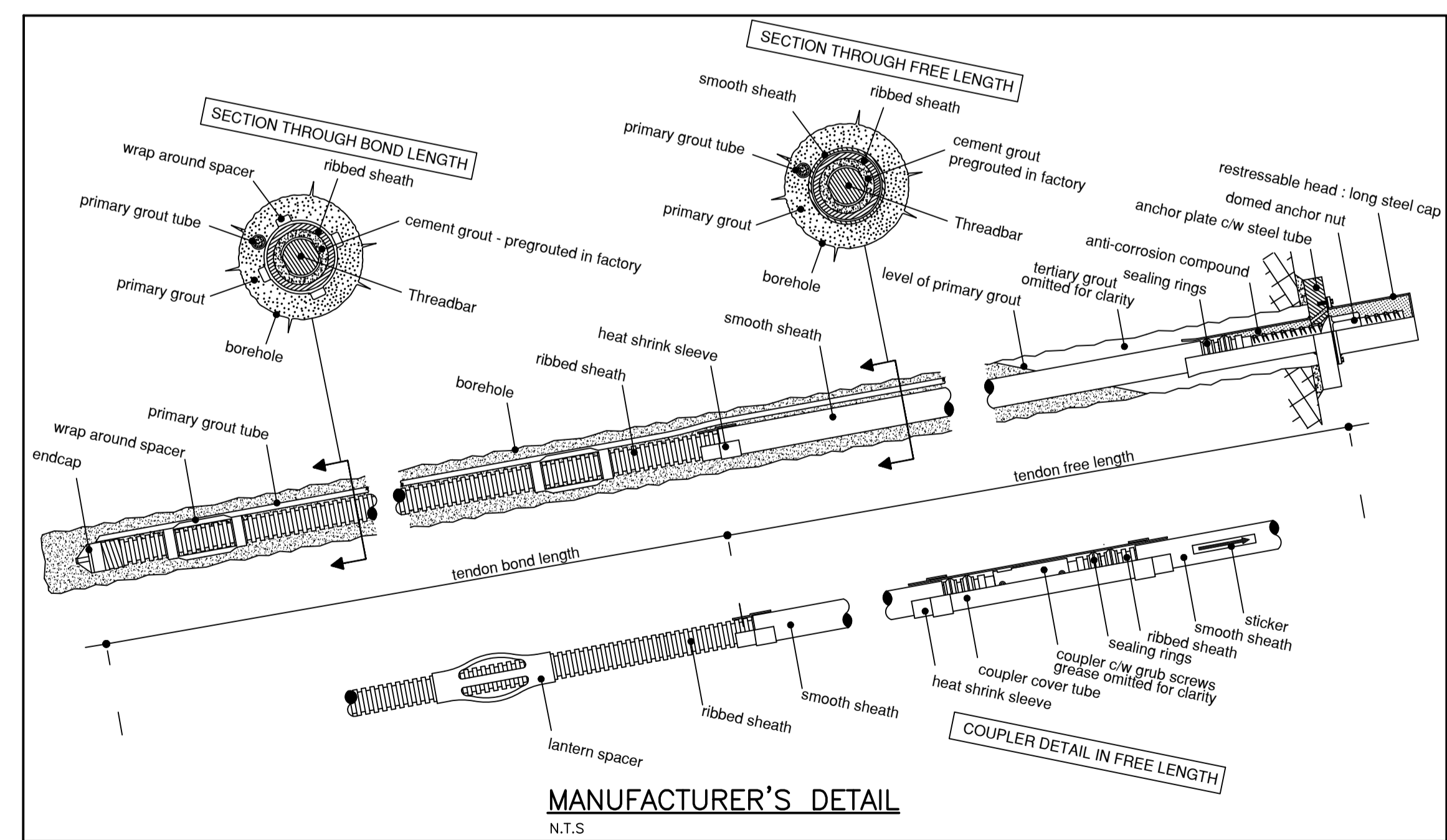
TYPICAL GROUND ANCHOR ARRANGEMENTS
 A1 SCALE 1:100
 A3 SCALE 1:200

RETAINED HEIGHT H(m)	ANCHOR LENGTH L(m)	ANGLE INCLINED δ(°)	HOLE DIAMETER Ø(mm)	DIAMETER BAR Øbar(mm)
3.5 - 4.0	8.0	30°	150	25



WEST ELEVATION SHOWING TYPICAL GROUND ANCHOR ARRANGEMENT
 A1 SCALE 1:50
 A3 SCALE 1:100

TYPICAL SECTION SHOWING GROUND ANCHOR DETAILS
 A1 SCALE 1:25
 A3 SCALE 1:50



MANUFACTURER'S DETAIL
 N.T.S.



NO.	REVISION	DATE	BY	CHK'D	APP'D
	Stage				
	PRELIMINARY				
	APPROVAL				
	TENDER	JULY '16			RMJ
	CONSTRUCTION	OCT '16			RMJ

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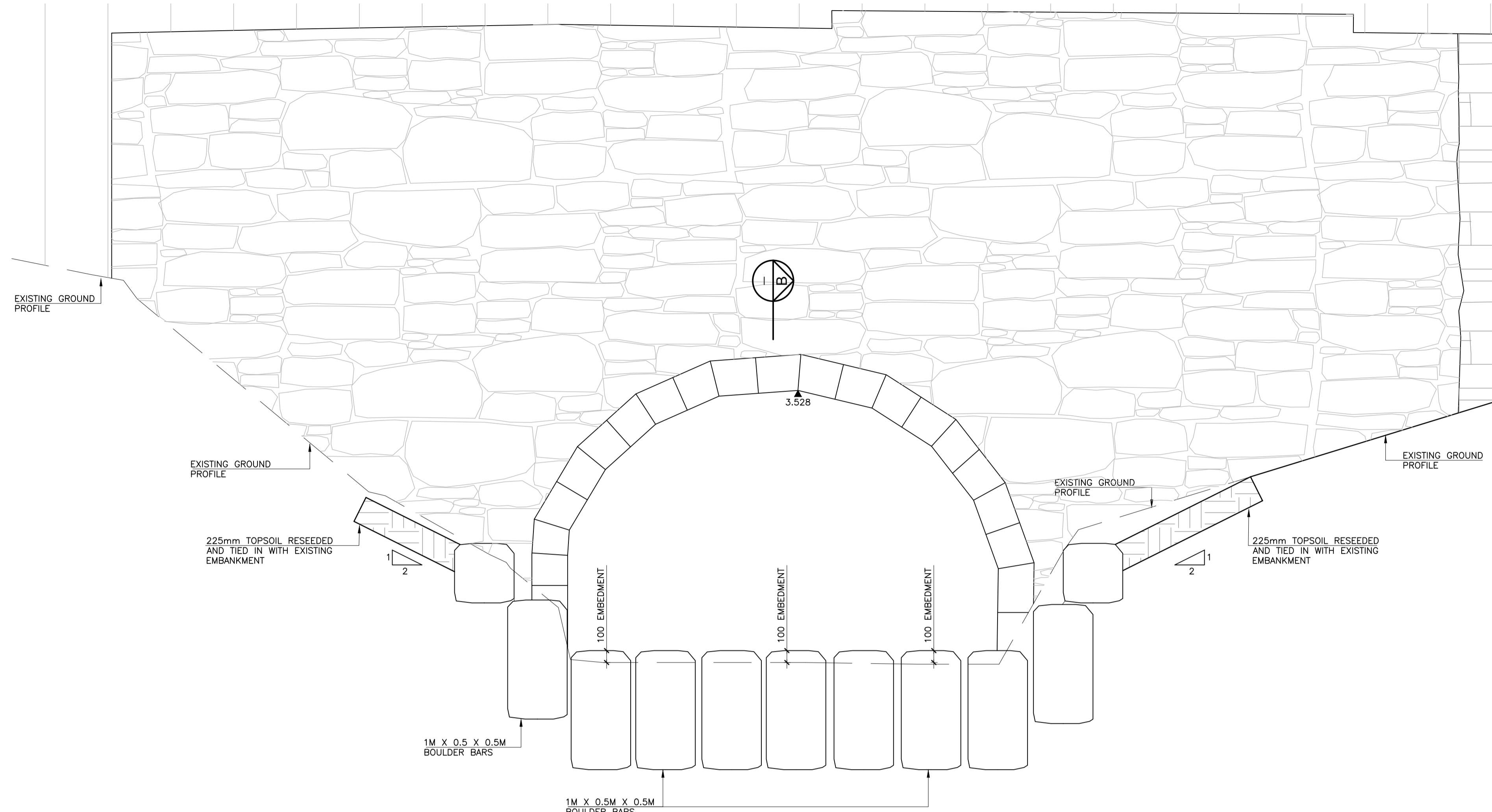
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 e-mail: info@rod.ie
 Website: www.rod.ie
 www.aecom.com

Designed: PK
 Checked: RMJ
 Approved: RMJ
 Status: CONSTRUCTION

Project Title CARLOW & WEXFORD BRIDGES REHABILITATION CONTRACT			
Drawing Title STRUCTURE No. 5 WX-N11-003.00 GLEBE BRIDGE SPANDREL WALL STABILITY WORKS			
Drawn: OMF	Job No: 15.135	Drawing No: 1700-ST05-002	Rev: COO
Scale: AS SHOWN	Date: JUNE 2016		

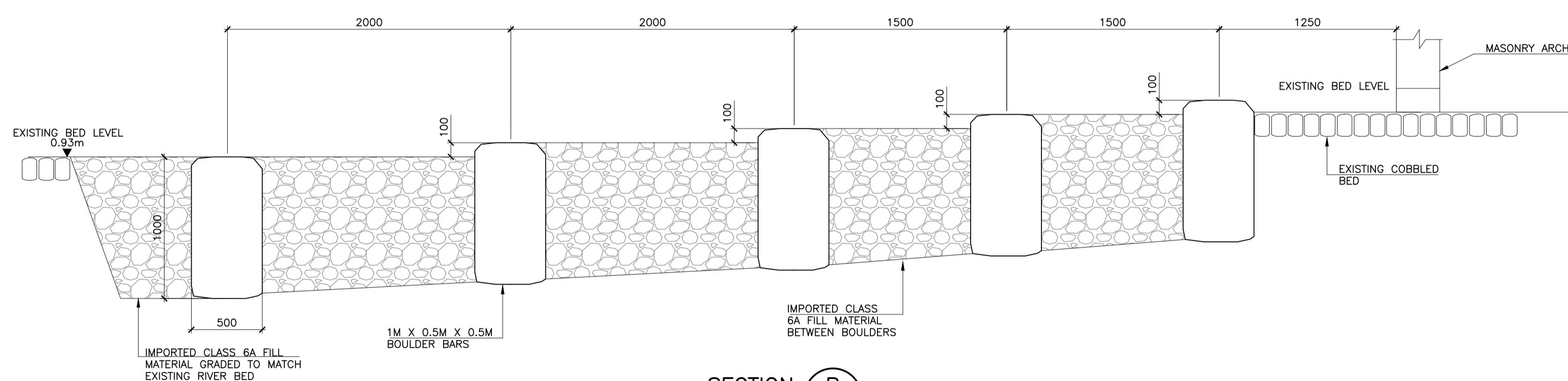
NOTES:

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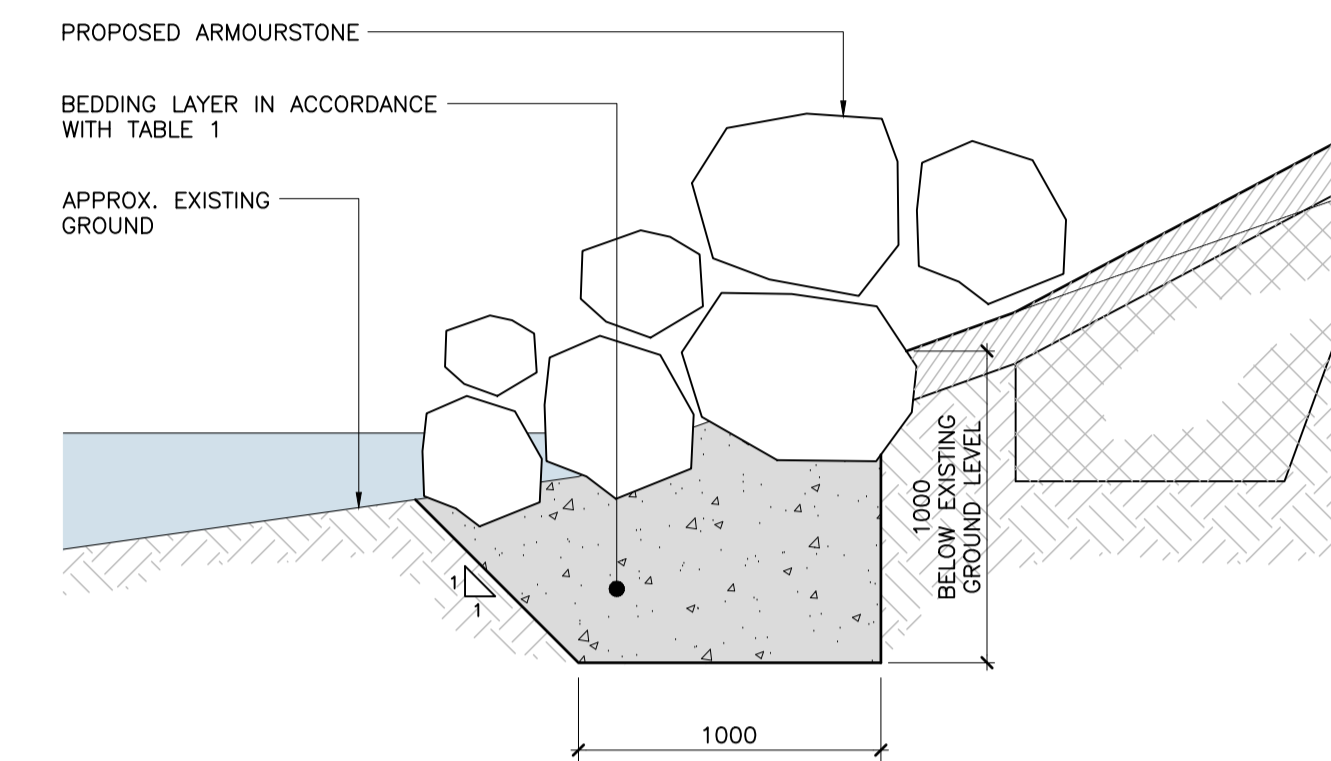
TYPICAL SECTION A-A SHOWING BOULDER BAR BED CHECK WEIR

A1 SCALE 1:25
A3 SCALE 1:50



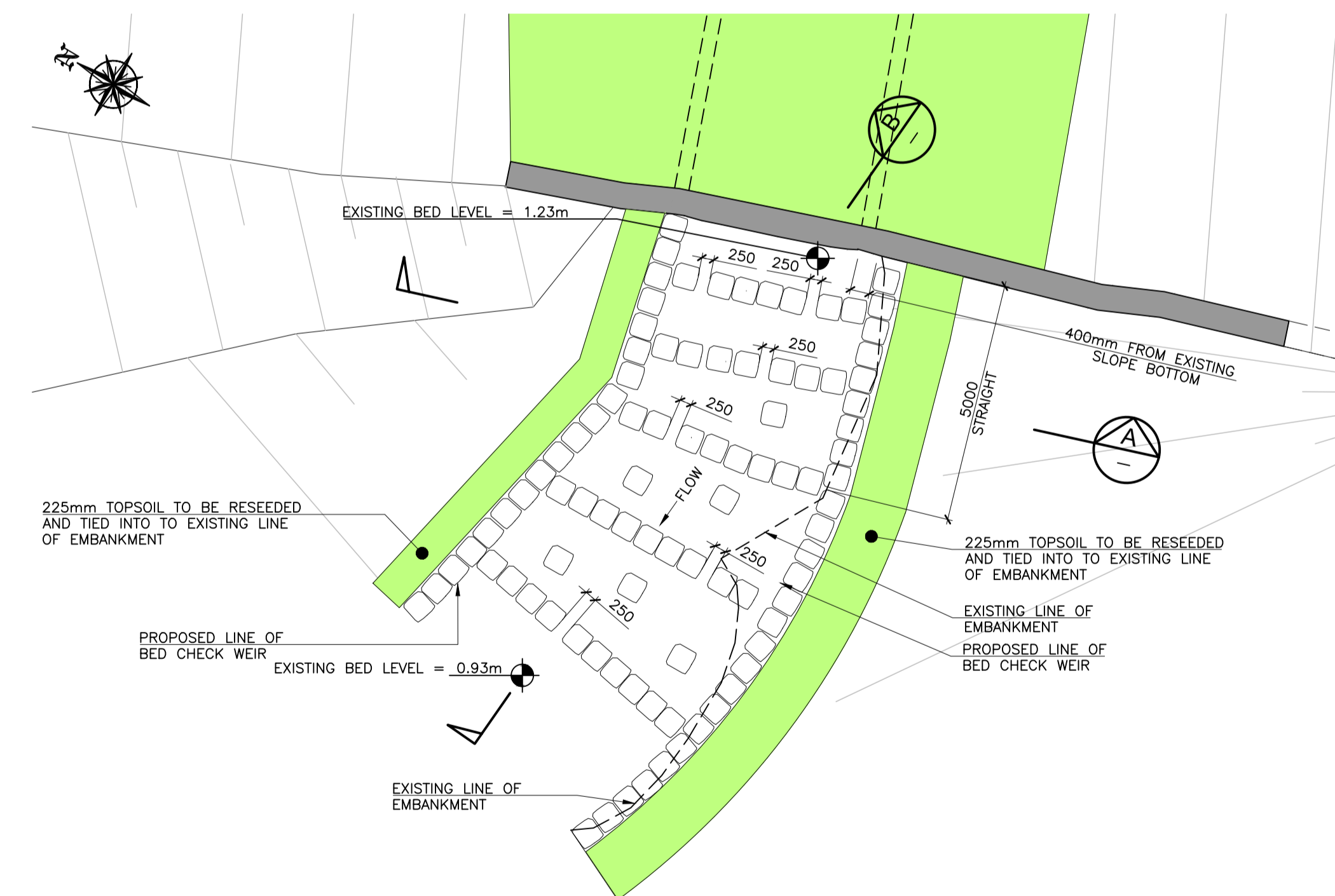
SECTION B

A1 SCALE 1:25
A3 SCALE 1:50



TYPICAL BEDDING DETAIL FOR ARMOUR STONE

A1 SCALE 1:25
A3 SCALE 1:50



PLAN ON BED CHECK WEIR

A1 SCALE 1:100
A3 SCALE 1:200



No.	Revision	Date	By	Chk'd	App'd
	Stage				
	PRELIMINARY				
	APPROVAL				
	TENDER	JULY '16			RMJ
	CONSTRUCTION	OCT '16			RMJ

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Project Title		CARLOW & WEXFORD BRIDGES REHABILITATION CONTRACT	
Drawing Title		STRUCTURE No. 5 WX-N11-003.00 GLEBE BRIDGE RIVERBED & EMBANKMENT REMEDIAL WORKS	
Drawn: OMF	Job No: 15.135	Drawing No: 1700-ST05-003	Rev: COO
Scale: (A1) AS SHOWN	Date: JUNE 2016		