

Our reference: WR25/6784

16 April 2025

Department of Local Government, Water and Volunteers
PO Box 627
TOOWOOMBA QLD 4350
tony.watson@rdmw.qld.gov.au

Attention: Tony Watson

Dear Mr Watson

Response to request to agree to exemption certificate – Site 3 – Stream Gauge Stabilisation – Laidley Creek

The State Assessment and Referral Agency (SARA) received your request to agree to an exemption certificate being given for the development described below on 28 February 2025.

Under section 46(3)(b)(i) of the *Planning Act 2016*, SARA advises it agrees to issuing an exemption certificate for the development described below.

Applicant details

Applicant name:	Department of Local Government, Water and Volunteers
Applicant contact details:	PO Box 627 TOOWOOMBA QLD 4350 tony.watson@rdmw.qld.gov.au

Premises details

Street address:	Forest Hill Fernvale Road, Forest Hill
Real property description:	Lot 401 on CC2894
Local government area:	Lockyer Valley Regional

Development details

Description:	Development permit – Operational works for waterway barrier works
--------------	---

As described above in accordance with the following report submitted with the request.

Plans/specifications	Prepared by	Date	Reference no.	Version /issue
STREAM GAUGE STABILISATION DESIGN COVER SHEET SITE 3, 143229A - LAIDLEY CREEK AT WARREGO HIGHWAY	Alluvium Consulting Australia Pty. Ltd.	28 February 2025	0424125_D WG_143229 A_001	0
STREAM GAUGE STABILISATION DESIGN GENERAL NOTES SITE 3, 143229A - LAIDLEY CREEK AT WARREGO HIGHWAY	Alluvium Consulting Australia Pty. Ltd.	28 February 2025	0424125_D WG_143229 A_002	0
STREAM GAUGE STABILISATION DESIGN GENERAL ARRANGEMENT SITE 3, 143229A - LAIDLEY CREEK AT WARREGO HIGHWAY	Alluvium Consulting Australia Pty. Ltd.	28 February 2025	0424125_D WG_143229 A_003	0
STREAM GAUGE STABILISATION DESIGN DETAILS AND TABLES SITE 3, 143229A - LAIDLEY CREEK AT WARREGO HIGHWAY	Alluvium Consulting Australia Pty. Ltd.	28 February 2025	0424125_D WG_143229 A_004	0
STREAM GAUGE STABILISATION DESIGN SITE PHOTO DURING PREVIOUS REMEDIATION SITE 3, 143229A - LAIDLEY CREEK AT WARREGO HIGHWAY	Alluvium Consulting Australia Pty. Ltd.	28 February 2025	0424125_D WG_143229 A_005	0

Assessment manager provisions

The exemption certificate request relates to the following development under the Planning Regulation 2017:

- Schedule 10, Part 6, Division 4, Subdivision 2, Table 1, Item 1 - Operational work for waterway barrier works

For further information please contact Melinda Ruis, Manager, on (07) 3452 6808 or via email IpswichSARA@dsgilgq.qld.gov.au who will be pleased to assist.

Yours sincerely



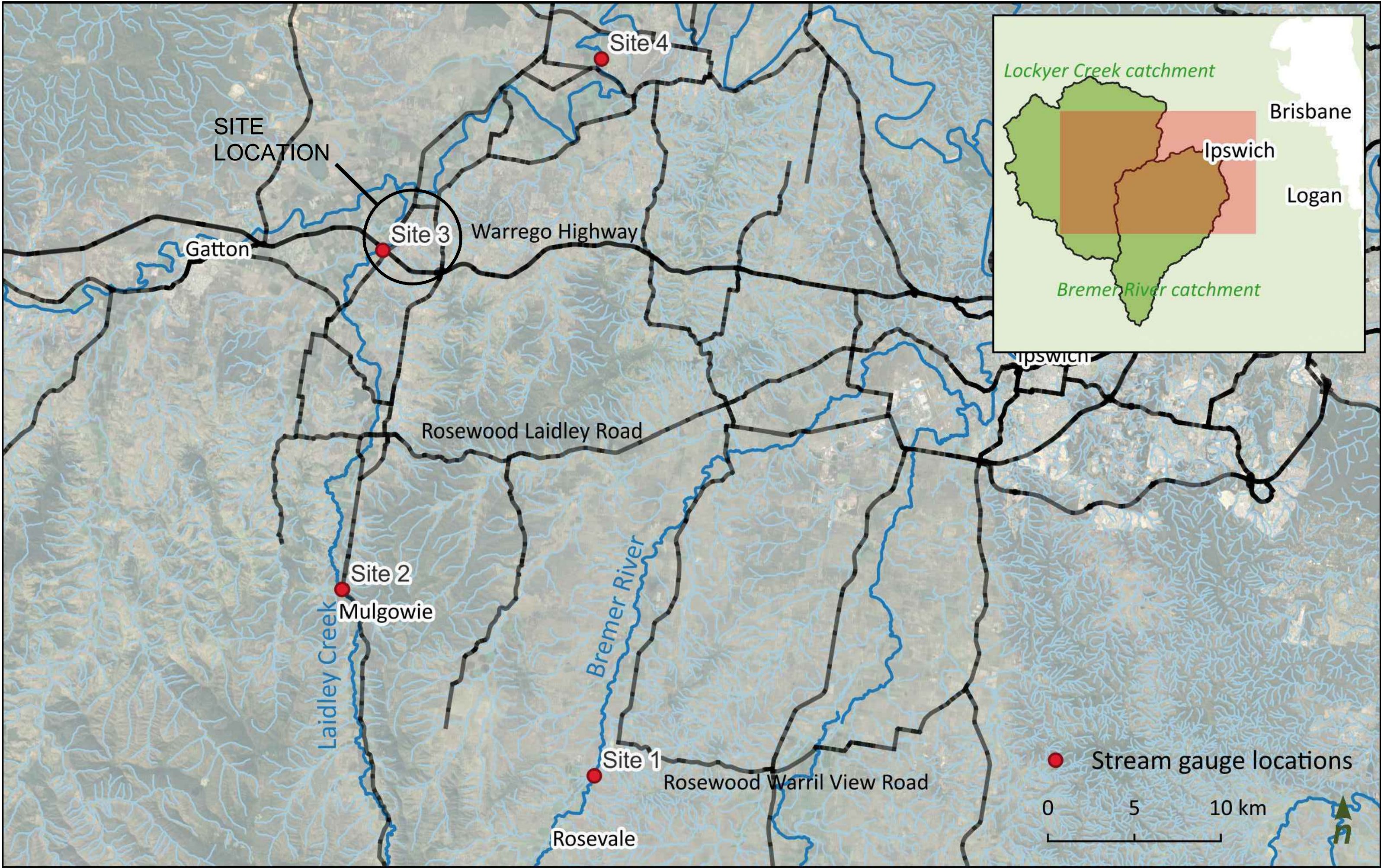
Dominique Gallagher
Director
Planning Services

DEPARTMENT OF LOCAL GOVERNMENT, WATER AND VOLUNTEERS

STREAM GAUGE STABILISATION DESIGN

SITE 3, 143229A - LAIDLEY CREEK AT WARREGO HIGHWAY

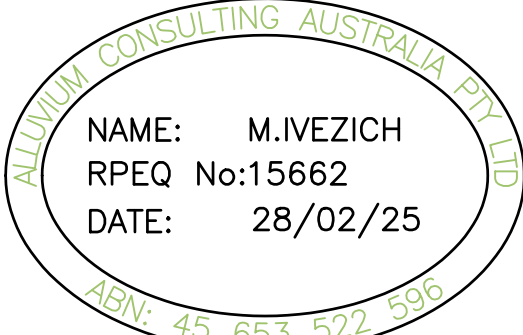
SHEET	TITLE	REVISION			
001	COVER SHEET	A	0		
002	GENERAL NOTES	A	0		
003	GENERAL ARRANGEMENT	A	0		
004	DETAILS AND TABLES	A	0		
005	SITE PHOTO	A	0		



SITE LOCALITY

ISSUED FOR
TENDER

0	ISSUE FOR TENDER	M.I.	28.02.25
A	PRELIMINARY ISSUE	M.I.	22.01.25
REV	DESCRIPTION	APP'D	DATE



**Alluvium Consulting Australia
Pty. Ltd.**
ABN 76 151 119 792
Suite 10-12, 36 Agnes Street
Fortitude Valley, QLD 4006
T 61 7 3257 1628
www.alluvium.com.au

DEPT OF LOCAL GOV, WATER & VOLUNTEERS
STREAM GAUGE STABILISATION DESIGN
COVER SHEET
SITE 3, 143229A - LAIDLEY CREEK AT WARREGO HIGHWAY

DESIGNED: S. FRISBY	DRAWN: S. FRISBY	CHECKED: M. IVEZICH	APPROVED: M. IVEZICH	PROJECT No: 0424125	REVISION: 0	SHEET No: 1 of 5	ORIGINAL SIZE: A1	DWG No: 0424125_DWG_143229A_001
							DATUM: mAHD (GDA20 z56)	

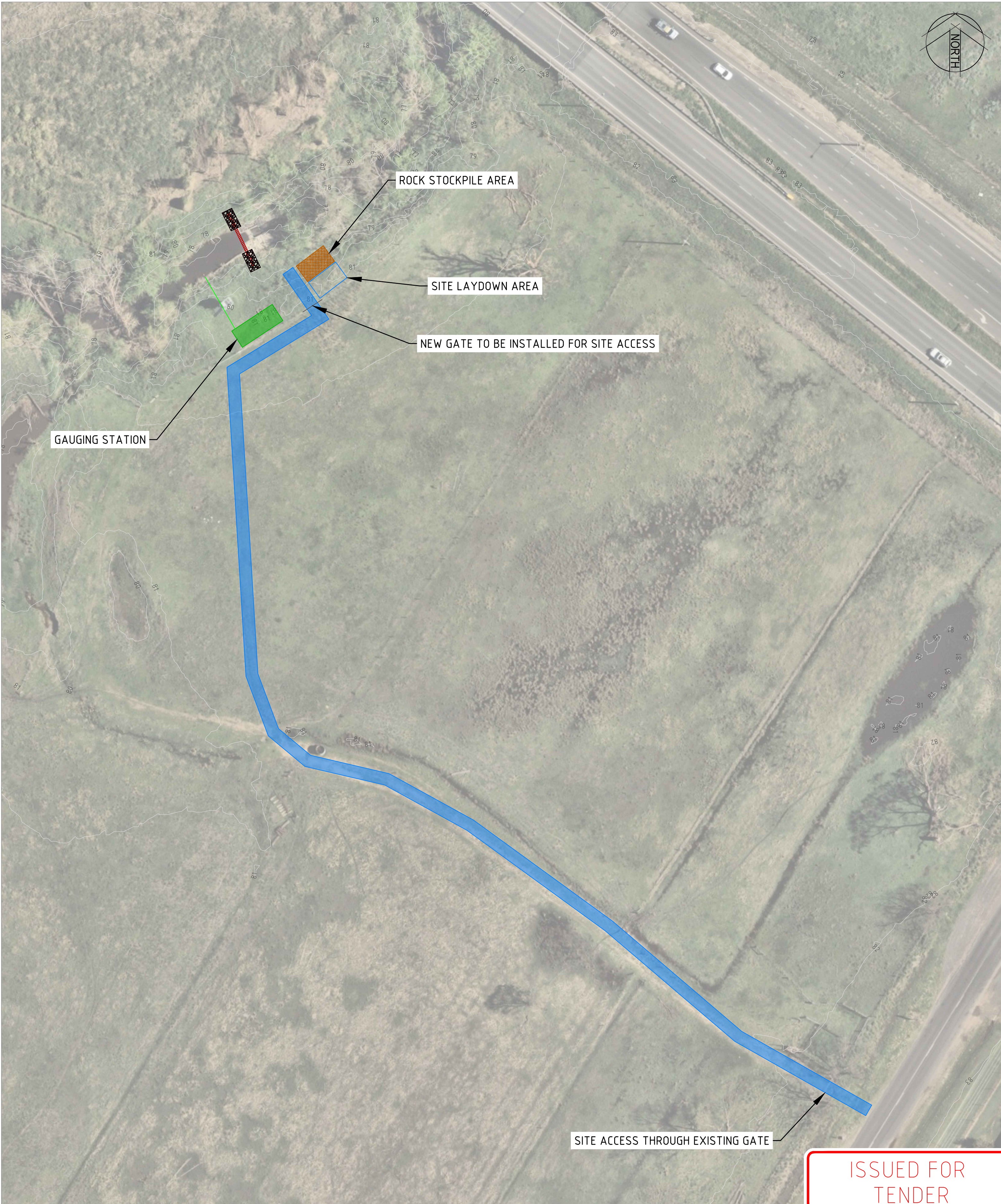
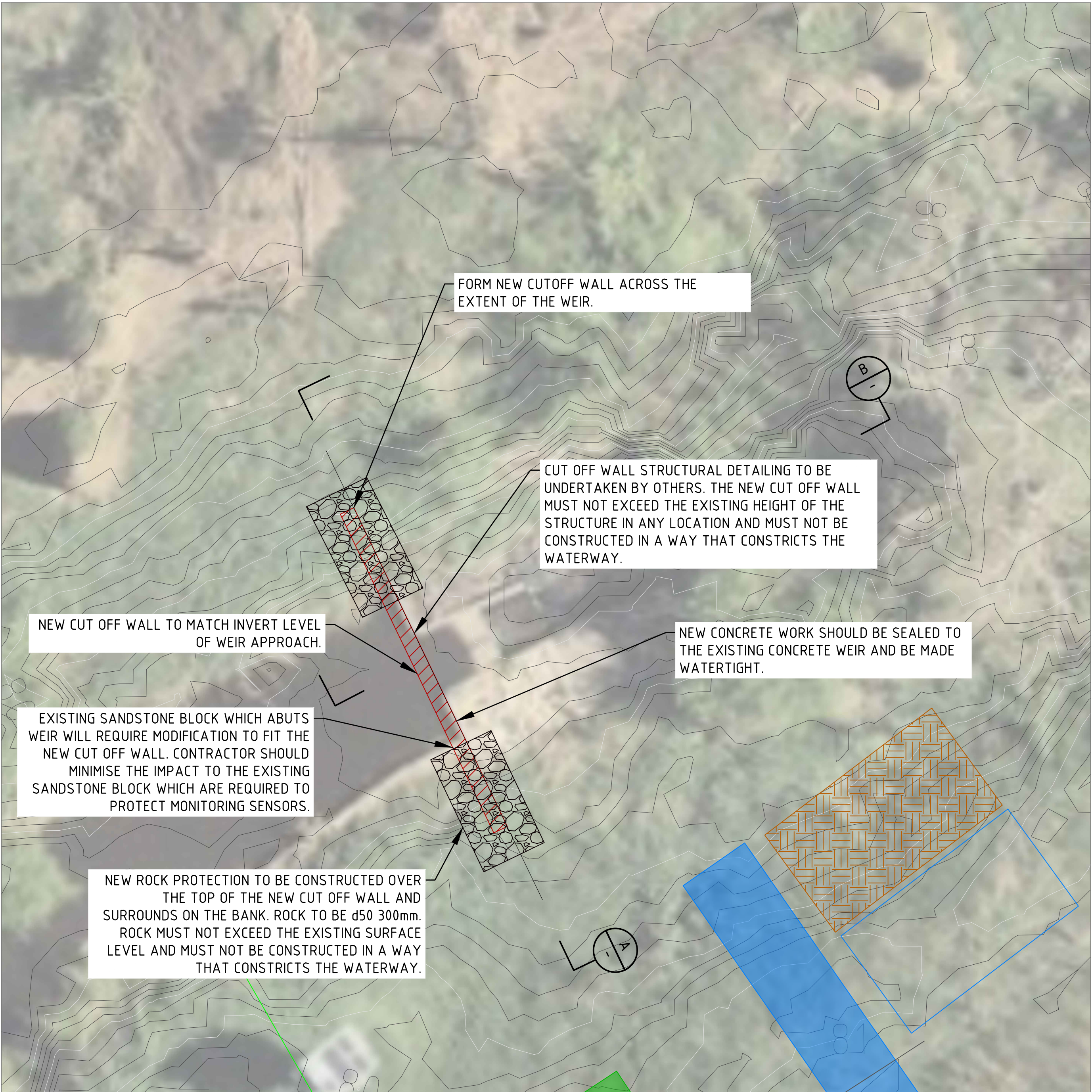
1. ALL WORKS AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT LOCAL AUTHORITY POLICIES, SPECIFICATIONS AND STANDARD DRAWINGS, OR IF THESE DO NOT APPLY THEN THE INSTITUTE OF PUBLIC WORK ENGINEERS QUEENSLAND AND NORTHERN TERRITORY STANDARD DRAWINGS AND AUSTRALIAN STANDARDS.
2. ALL CONSTRUCTION WORKS ARE TO BE JOINED NEATLY TO EXISTING WORKS.
3. PUBLIC UTILITIES - NOT WITHSTANDING THAT THE POSITIONS OF PUBLIC UTILITIES, FITTINGS, PIPES, POLES, MANHOLES ETC MAY BE INDICATED ON THE DRAWINGS, NO RESPONSIBILITY WILL BE ACCEPTED BY THE DESIGNER FOR THE ACCURACY OF THE REPRESENTATION OR THE OMISSION THEREOF.
4. DETAILED SURVEY OF THE SITE AREA SHALL BE UNDERTAKEN PRIOR TO COMMENCING WORK.
5. LOCATION AND LEVEL OF EXISTING SERVICES AND STRUCTURES SHALL BE ACCURATELY LOCATED ON SITE PRIOR TO COMMENCING WORKS. THE CONTRACTOR SHALL PROTECT ALL EXISTING SERVICES DURING CONSTRUCTION. ANY DAMAGE TO EXISTING SERVICES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
6. VEGETATION OUTSIDE WORK AREAS SHALL NOT BE DISTURBED UNLESS SPECIFICALLY AUTHORISED BY THE SUPERINTENDENT.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL RELEVANT LEGISLATION.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN THE STABILITY OF ANY TEMPORARY WORKS ON THE SITE.
9. THE CONTRACTOR SHALL CONFIRM THE CURRENCY OF THE SET OUT & LEVELS WITH THE SUPERINTENDENT PRIOR TO COMMENCING CONSTRUCTION.
10. THIS DESIGN HAS BEEN PREPARED BASED ON 2015 LiDAR DATA
 - 10.1. VERTICAL DATUM: AHD
 - 10.2. HORIZONTAL MERIDIAN: GDA2020, ZONE 56
11. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE LOCAL AUTHORITY SPECIFICATIONS AND THE DESIGN REPORT. IN THE EVENT OF A DISCREPANCY REFER TO THE SUPERINTENDENT FOR CLARIFICATION.
12. ALL DIMENSIONS RELEVANT TO SETTING OUT AND OFF-SITE WORK SHALL BE AS INDICATED ON ALLUVIUM CONSULTING DRAWINGS AND SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION COMMENCES. THE ENGINEERS' DRAWINGS SHALL NOT BE SCALED, UNLESS SPECIFICALLY NOTED OTHERWISE.
13. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PROPOSED AND EXISTING WORKS IN A STABLE CONDITION AND ENSURING NO PART SHALL BE OVER STRESSED UNDER CONSTRUCTION ACTIVITIES.
14. THE APPROVAL FOR A SUBSTITUTION SHALL BE SOUGHT FROM THE SUPERINTENDENT BUT IS NOT AN AUTHORISATION FOR A VARIATION. ANY VARIATION MUST BE APPROVED BY THE SUPERINTENDENT BEFORE WORK COMMENCES.
15. THE ACCESS FOR THE WORK SITE SHALL BE AS INDICATED ON THE DRAWINGS OR AS APPROVED BY THE SUPERINTENDENT AND THE LOCAL AUTHORITIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY AND RELEVANT PERMITS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONSTRUCT AND MAINTAIN ACCESS AS THEY REQUIRE TO ALL PARTS OF CONTRACTOR'S WORK AREA.
16. THE CONTRACTOR'S COMPOUND SHALL BE LOCATED AS APPROVED BY SUPERINTENDENT.
17. CONTRACTOR SHALL UNDERTAKE ALL WORKS IN PROXIMITY TO EXISTING SERVICES AND INFRASTRUCTURE IN ACCORDANCE WITH THE RELEVANT UTILITY/AUTHORITY POLICIES AND PROCEDURES

1. A NEW CUT OFF WALL IS TO BE CONSTRUCTED IMMEDIATELY UPSTREAM OF THE EXISTING WEIR.
2. CUTOFF WALL TO EXTEND A MINIMUM OF 2m INTO THE BANK AND 0.5m INTO THE BED.
3. STRUCTURAL SPECIFICATION TO BE UNDERTAKEN BY OTHERS.
4. NEW CONCRETE WORK IS TO MATCH NEATLY INTO EXISTING CONCRETE WORK.
5. COFFER DAM AND WATER PUMP BYPASS WILL BE REQUIRED FOR THE CONSTRUCTION OF THE NEW CUTOFF WALL.

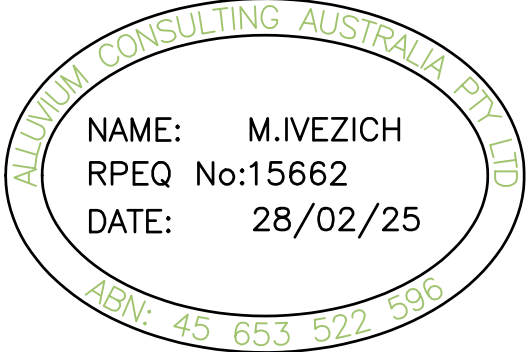
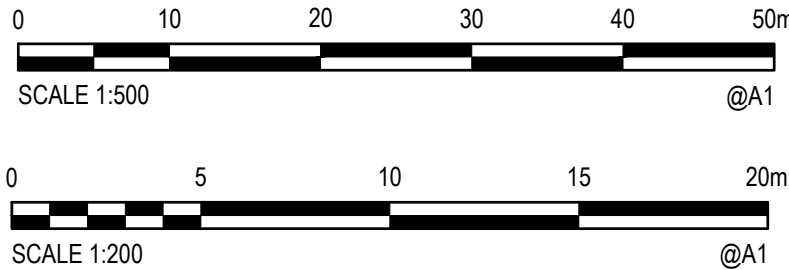
[illegible]

LEGEND	
	EXISTING CONTOURS - MAJOR (1m)
	EXISTING CONTOURS - MINOR (0.25m)
	EXISTING CAPILLARY ALIGNMENT (INDICATIVE)
	EXISTING GAUGING HUT LOCATOIN
	PROPOSED ROCK PROTECTION
	PROPOSED WEIR WING WALL REMEDIATION
	PROPOSED SITE ACCESS
	PROPOSED STOCKPILE AREA
	PROPOSED SITE LAYDOWN AREA

- NOTES
1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH GENERAL NOTES ON SHEET 002
 2. REFER TO SHEET 004 FOR DETAILED SECTION.
 3. ROCK AND NEW CUT OFF WALL MUST NOT EXCEED THE EXISTING SURFACE OR STRUCTURE LEVEL AND MUST NOT BE CONSTRUCTED IN A WAY THAT CONSTRICTS THE WATERWAY.
 4. SCOUR MAINTENANCE SHOULD BE UNDERTAKEN DURING MAINTENANCE WORKS IN ACCORDANCE WITH THE ACCEPTED DEVELOPMENT REQUIREMENTS FOR OPERATIONAL WORK THAT IS CONSTRUCTING OR RAISING WATERWAY BARRIER WORKS, DATE EFFECTIVE 1ST OCTOBER 2018, REQUIREMENTS ARE BRIEFLY OUTLINED ON SHEET 002.
 5. TIE ALL DISTURBED SURFACES NEATLY INTO EXISTING.
 6. MAKE GOOD ALL DISTURBED AREAS INCLUDING, BUT NOT LIMITED TO, SITE ACCESS, LAYDOWN AREA AND STOCKPILE AREAS.



0	ISSUE FOR TENDER	M.I.	28.02.25
A	PRELIMINARY ISSUE	M.I.	22.01.25
REV	DESCRIPTION	APP'D	DATE



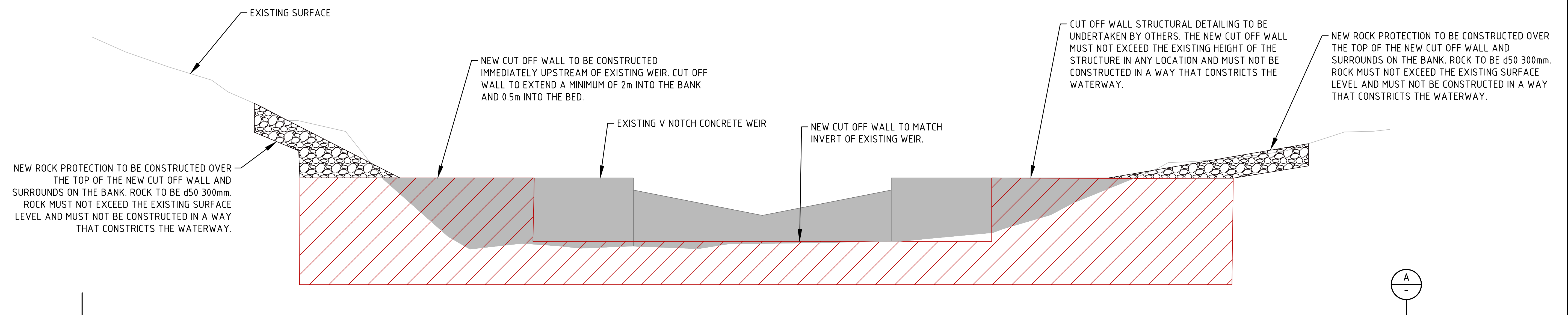
alluvium

Alluvium Consulting Australia Pty. Ltd.
ABN 76 151 119 792
Suite 10-12, 36 Agnes Street
Fortitude Valley, QLD 4006
T 61 7 3257 1628
www.alluvium.com.au

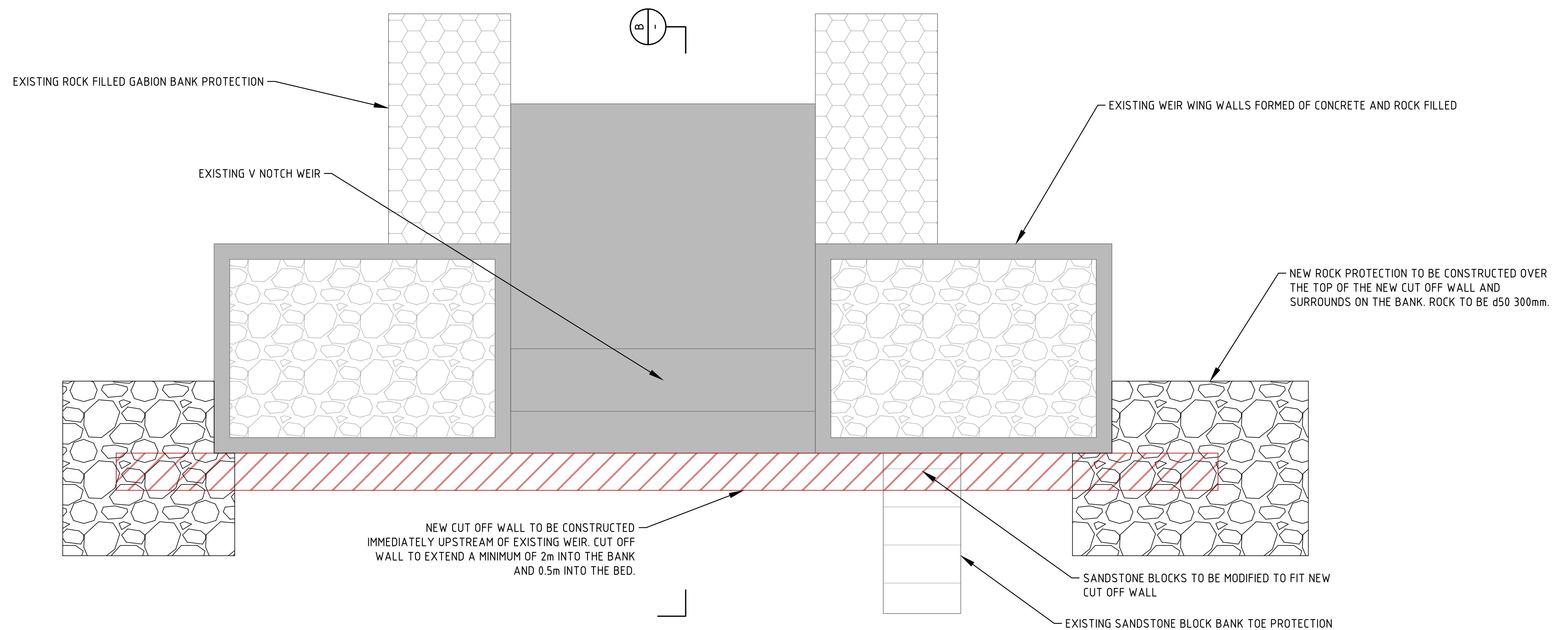
DESIGNED: S.FRISBY	DRAWN: S. FRISBY	CHECKED: M. IVEZICH	APPROVED: M. IVEZICH	PROJECT No: 0424125
-----------------------	---------------------	------------------------	-------------------------	------------------------

DEPT OF LOCAL GOV, WATER & VOLUNTEERS
STREAM GAUGE STABILISATION DESIGN
GENERAL ARRANGEMENT
SITE 3, 143229A - LAIDLEY CREEK AT WARREGO HIGHWAY

REVISION: 0	SHEET No.: 3 of 5	ORIGINAL SIZE: A1 DATUM: mAHD (GDA20 z56)	DWG NO:0424125_DWG_143229A_003
----------------	----------------------	---	--------------------------------



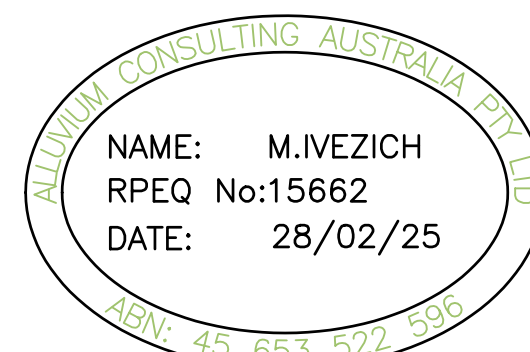
TYPICAL DETAIL - CROSS SECTION OF NEW CUT OFF WALL
NOT TO SCALE



TYPICAL DETAIL - PLAN VIEW OF NEW CUT OFF WALL
NOT TO SCALE

ISSUED FOR
TENDER

0	ISSUE FOR TENDER	M.I.	28.02.25
A	PRELIMINARY ISSUE	M.I.	22.01.25
REV	DESCRIPTION	APP'D	DATE

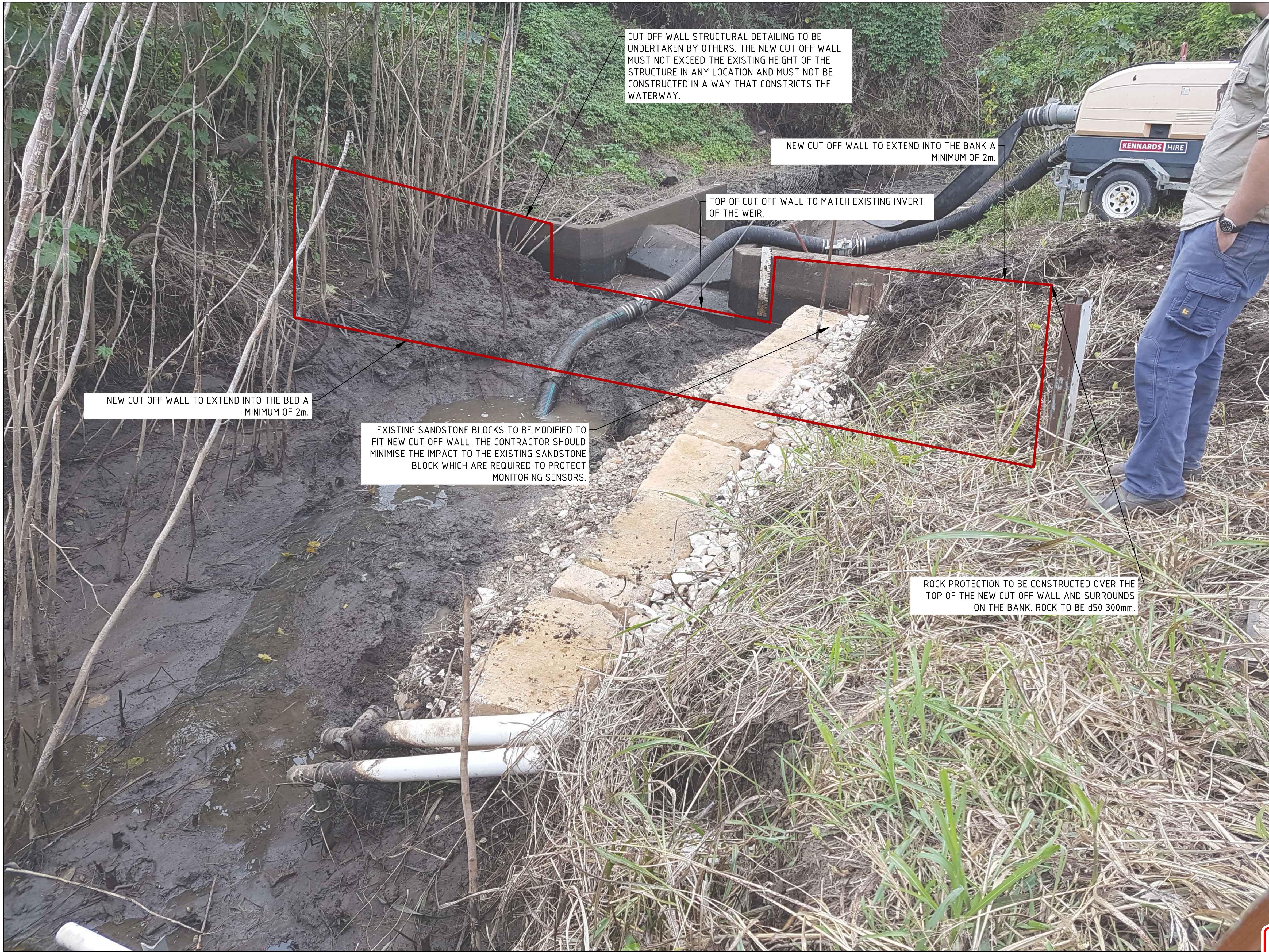


Alluvium Consulting Australia
Pty. Ltd.
ABN 76 151 119 792
Suite 10-12, 36 Agnes Street
Fortitude Valley, QLD 4006
T 61 7 3257 1628
www.alluvium.com.au

DESIGNED: S.FRISBY	DRAWN: S. FRISBY	CHECKED: M. IVEZICH	APPROVED: M. IVEZICH	PROJECT No: 0424125
-----------------------	---------------------	------------------------	-------------------------	------------------------

DEPT OF LOCAL GOV, WATER & VOLUNTEERS
STREAM GAUGE STABILISATION DESIGN
DETAILS AND TABLES
SITE 3, 143229A - LAIDLEY CREEK AT WARREGO HIGHWAY

REVISION: 0	SHEET No.: 4 of 5	ORIGINAL SIZE: A1	DWG NO:0424125_DWG_143229A_004
		DATUM: mAHD (GDA20 z56)	



CUT OFF WALL STRUCTURAL DETAILING TO BE UNDERTAKEN BY OTHERS. THE NEW CUT OFF WALL MUST NOT EXCEED THE EXISTING HEIGHT OF THE STRUCTURE IN ANY LOCATION AND MUST NOT BE CONSTRUCTED IN A WAY THAT CONSTRICTS THE WATERWAY.

NEW CUT OFF WALL TO EXTEND INTO THE BANK A MINIMUM OF 2m.

TOP OF CUT OFF WALL TO MATCH EXISTING INVERT OF THE WEIR.

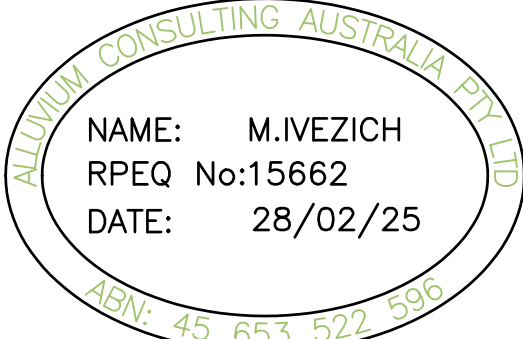
NEW CUT OFF WALL TO EXTEND INTO THE BED A MINIMUM OF 2m.

EXISTING SANDSTONE BLOCKS TO BE MODIFIED TO FIT NEW CUT OFF WALL. THE CONTRACTOR SHOULD MINIMISE THE IMPACT TO THE EXISTING SANDSTONE BLOCK WHICH ARE REQUIRED TO PROTECT MONITORING SENSORS.

ROCK PROTECTION TO BE CONSTRUCTED OVER THE TOP OF THE NEW CUT OFF WALL AND SURROUNDS ON THE BANK. ROCK TO BE d50 300mm.

ISSUED FOR
TENDER

0	ISSUE FOR TENDER	M.I.	28.02.25
A	PRELIMINARY ISSUE	M.I.	22.01.25
REV	DESCRIPTION	APP'D	DATE



Alluvium Consulting Australia
Pty. Ltd.
ABN 76 151 119 792
Suite 10-12, 36 Agnes Street
Fortitude Valley, QLD 4006
T 61 7 3257 1628
www.alluvium.com.au

DESIGNED: S.FRISBY	DRAWN: S. FRISBY	CHECKED: M. IVEZICH	APPROVED: M. IVEZICH	PROJECT No: 0424125
-----------------------	---------------------	------------------------	-------------------------	------------------------

DEPT OF LOCAL GOV, WATER & VOLUNTEERS
STREAM GAUGE STABILISATION DESIGN
SITE PHOTO DURING PREVIOUS REMEDIATION
SITE 3, 143229A - LAIDLEY CREEK AT WARREGO HIGHWAY

REVISION: 0	SHEET No.: 5 of 5	ORIGINAL SIZE: A1	DWG NO:0424125_DWG_143229A_005
		DATUM: mAHd (GDA20 z56)	