

BERC - INFRASTRUCTURE



CIVIL ENGINEERING



LOCALITY PLAN
NTS

AERIAL GPS open street maps @ 2023

DRAWING No.	DESCRIPTION
BERC-ARU-BNE-CICW-DRG-1001	GENERAL - COVER SHEET, LOCALITY PLAN AND DRAWING INDEX
BERC-ARU-BNE-CICW-DRG-1005	GENERAL - NOTES
BERC-ARU-BNE-CICW-DRG-1006	GENERAL - LEGEND
BERC-ARU-BNE-CICW-DRG-1010	EXISTING SITE - PLAN
BERC-ARU-BNE-CICW-DRG-1020	PROPOSED SITE - PLAN
BERC-ARU-BNE-CICW-DRG-1021	PROPOSED SITE PLAN - DEVELOPMENT FOOTPRINT
BERC-ARU-BNE-CICW-DRG-1030	PROPOSED SITE PLAN -CLEARANCES FROM DEVELOPMENT FOOTPRINT
BERC-ARU-BNE-CICW-DRG-1080	DEMOLITION AND SITE CLEARANCE - PLAN
BERC-ARU-BNE-CICW-DRG-1101	SOIL AND WATER MANAGEMENT - PLAN
BERC-ARU-BNE-CICW-DRG-1191	SOIL AND WATER MANAGEMENT - DETAILS
BERC-ARU-BNE-CICW-DRG-1201	BULK EARTHWORKS - PLAN
BERC-ARU-BNE-CICW-DRG-1241	BULK EARTHWORKS - SITE SECTIONS - SHEET 1
BERC-ARU-BNE-CICW-DRG-1242	BULK EARTHWORKS - SITE SECTIONS - SHEET 2
BERC-ARU-BNE-CICW-DRG-1243	BULK EARTHWORKS - SITE SECTIONS - SHEET 3
BERC-ARU-BNE-CICW-DRG-1244	BULK EARTHWORKS - SITE SECTIONS - SHEET 4
BERC-ARU-BNE-CICW-DRG-1245	BULK EARTHWORKS - SITE SECTIONS - SHEET 5
BERC-ARU-BNE-CICW-DRG-1341	CIVIL WORKS - TYPICAL CROSS SECTIONS - SHEET 1
BERC-ARU-BNE-CICW-DRG-1342	CIVIL WORKS - TYPICAL CROSS SECTIONS - SHEET 2
BERC-ARU-BNE-CICW-DRG-1343	CIVIL WORKS - TYPICAL CROSS SECTIONS - SHEET 3
BERC-ARU-BNE-CICW-DRG-1351	CIVIL WORKS - MC01 LONGITUDINAL SECTIONS - SHEET 1
BERC-ARU-BNE-CICW-DRG-1352	CIVIL WORKS - MC01 LONGITUDINAL SECTIONS - SHEET 2
BERC-ARU-BNE-CICW-DRG-1353	CIVIL WORKS - MC02 LONGITUDINAL SECTIONS
BERC-ARU-BNE-CICW-DRG-1354	CIVIL WORKS - MC13 LONGITUDINAL SECTIONS
BERC-ARU-BNE-CICW-DRG-1355	CIVIL WORKS - MC14 LONGITUDINAL SECTIONS
BERC-ARU-BNE-CICW-DRG-1356	CIVIL WORKS - MC15 LONGITUDINAL SECTIONS
BERC-ARU-BNE-CICW-DRG-1466	CIVIL WORKS - VEHICLE SWEPT PATH - PLAN - SHEET 1
BERC-ARU-BNE-CICW-DRG-1467	CIVIL WORKS - VEHICLE SWEPT PATH - PLAN - SHEET 2
BERC-ARU-BNE-CICW-DRG-1468	CIVIL WORKS - VEHICLE SWEPT PATH - PLAN - SHEET 3
BERC-ARU-BNE-CICW-DRG-1469	CIVIL WORKS - VEHICLE SWEPT PATH - PLAN - SHEET 4
BERC-ARU-BNE-CICW-DRG-1470	CIVIL WORKS - VEHICLE SWEPT PATH - PLAN - SHEET 5
BERC-ARU-BNE-CICW-DRG-1601	STORMWATER - PRE-DEVELOPMENT CATCHMENT - PLAN
BERC-ARU-BNE-CICW-DRG-1605	STORMWATER - PROPOSED CATCHMENT - PLAN
BERC-ARU-BNE-CICW-DRG-1611	STORMWATER - PLAN - SHEET 1
BERC-ARU-BNE-CICW-DRG-1612	STORMWATER - PLAN - SHEET 2
BERC-ARU-BNE-CICW-DRG-1613	STORMWATER - PLAN - SHEET 3
BERC-ARU-BNE-CICW-DRG-1614	STORMWATER - PLAN - SHEET 4
BERC-ARU-BNE-CICW-DRG-1615	STORMWATER - PLAN - SHEET 5
BERC-ARU-BNE-CICW-DRG-1641	STORMWATER - LONGITUDINAL SECTIONS - SHEET 1
BERC-ARU-BNE-CICW-DRG-1642	STORMWATER - LONGITUDINAL SECTIONS - SHEET 2
BERC-ARU-BNE-CICW-DRG-1643	STORMWATER - LONGITUDINAL SECTIONS - SHEET 3
BERC-ARU-BNE-CICW-DRG-1644	STORMWATER - LONGITUDINAL SECTIONS - SHEET 4
BERC-ARU-BNE-CICW-DRG-1645	STORMWATER - LONGITUDINAL SECTIONS - SHEET 5
BERC-ARU-BNE-CICW-DRG-1646	STORMWATER - LONGITUDINAL SECTIONS - SHEET 6
BERC-ARU-BNE-CICW-DRG-1647	STORMWATER - LONGITUDINAL SECTIONS - SHEET 7
BERC-ARU-BNE-CICW-DRG-1648	STORMWATER - LONGITUDINAL SECTIONS - SHEET 8
BERC-ARU-BNE-CICW-DRG-1649	STORMWATER - LONGITUDINAL SECTIONS - SHEET 9
BERC-ARU-BNE-CICW-DRG-1650	STORMWATER - LONGITUDINAL SECTIONS - SHEET 10
BERC-ARU-BNE-CICW-DRG-1651	STORMWATER - LONGITUDINAL SECTIONS - SHEET 11
BERC-ARU-BNE-CICW-DRG-1652	STORMWATER - LONGITUDINAL SECTIONS - SHEET 12
BERC-ARU-BNE-CICW-DRG-1653	STORMWATER - LONGITUDINAL SECTIONS - SHEET 13
BERC-ARU-BNE-CICW-DRG-1691	STORMWATER - MISCELLANEOUS DETAILS
BERC-ARU-BNE-CICW-DRG-1700	PAVEMENT - PLAN
BERC-ARU-BNE-CICW-DRG-1791	PAVEMENT - PROFILES
BERC-ARU-BNE-CICW-DRG-1801	UTILITIES - PLAN
BERC-ARU-BNE-CICW-DRG-1802	OFF-SITE WATER AND SEWER PLAN

NOT FOR CONSTRUCTION

Scales

Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client



Engineering Certification (CEng)

Name:

Signature: Date:

Job Title

BROMELTON ENERGY AND
RESOURCES CENTRE

Scale at A1

NOT TO SCALE

Discipline

CIVIL

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com



Drawing Title

GENERAL
COVER SHEET, LOCALITY PLAN
AND DRAWING INDEX

Drawing Status

FOR APPROVAL

Job No

293683-00

Drawing No

BERC-ARU-BNE-CICW-DRG-1001

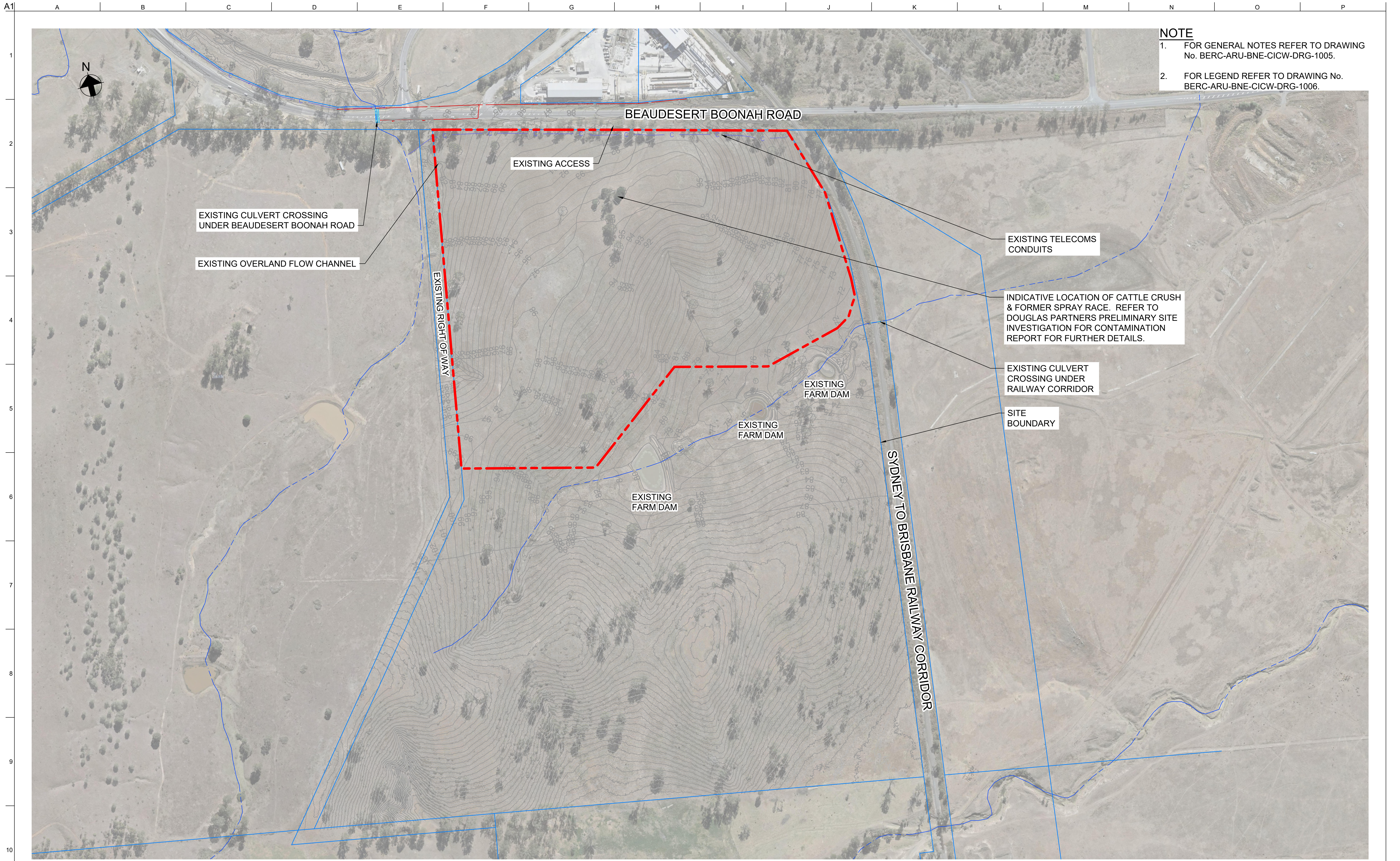
Issue

C

A1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	GENERAL				9. PROVIDE 10mm WIDE EXPANDING CORK JOINTS BETWEEN CONCRETE PAVEMENTS AND ALL BUILDINGS, WALLS, FOOTINGS, COLUMNS, KERBS, DISH DRAINS, GRATED DRAINS, BOLLARD FOOTINGS ETC.				10. WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.				8. ALL 225 DIA. DRAINAGE PIPES AND LARGER SHALL BE CLASS "4" APPROVED SPIGOT AND SOCKET FRC OR RCP PIPES WITH RUBBER RING JOINTS. (U.N.O.)			
	1. DRAWINGS TO BE READ IN CONJUNCTION WITH FEED REPORT BERC-ARU-BNE-GLDM-RPT-0002.				10. CONTRACTOR TO OBTAIN ALL AUTHORITY APPROVALS.				11. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.				9. ALL PIPE JUNCTIONS UP TO AND INCLUDING 450 DIA. AND TAPERS SHALL BE VIA PURPOSE MADE FITTINGS.			
	2. DRAWINGS PRODUCED SHOW PRELIMINARY DESIGN AND ARE PROVIDED IN SUPPORT OF A DEVELOPMENT LICENSE APPLICATION.THEY DO NOT REPRESENT DETAILED DESIGN OR CONSTRUCTION LEVEL INFORMATION.				11. ALL BATTERS TO BE GRASS LINED WITH MINIMUM 100 TOPSOIL AND APPROVED COUCH LAID AS TURF U.N.O.				12. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.				10. CONTRACTOR TO SUPPLY AND INSTALL ALL FITTINGS AND SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION BETWEEN DISSIMILAR PIPEWORK.			
2	3. FEED DESIGNS PRESENTED ARE BASED UPON "MASTERPLAN LAYOUT REV P, JULY 2025", BY RAMBOLL.				12. MAKE SMOOTH TRANSITION TO EXISTING SERVICES AND MAKE GOOD.				13. 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 THE PRINCIPAL'S REPRESENTATIVE.				11. ALL CONNECTIONS TO EXISTING DRAINAGE PITS SHALL BE MADE IN A TRADESMAN-LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH.			
	4. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS.				13. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY DIVERSION DRAINS AND MOUNDS TO ENSURE THAT AT ALL TIMES EXPOSED SURFACES ARE FREE DRAINING AND WHERE NECESSARY EXCAVATE SUMPS AND PROVIDE PUMPING EQUIPMENT TO DRAIN EXPOSED AREAS.				14. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AFTER RAINFALL EVENTS TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIR AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED.				12. WHERE TRENCHES ARE IN ROCK, THE PIPE SHALL BE BEDDED ON A MIN. 50 mm CONCRETE BED (OR 75 mm THICK BED OF 12 mm BLUE METAL) UNDER THE BARREL OF THE PIPE. THE PIPE COLLAR AT NO POINT SHALL BEAR ON THE ROCK. IN OTHER THAN ROCK, PIPES SHALL BE LAID ON A 75 mm THICK SAND BED. IN ALL CASES BACKFILL THE TRENCH WITH SAND TO 200 mm ABOVE THE PIPE. WHERE THE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH WITH SAND OR APPROVED GRANULAR BACKFILL COMPACTED IN 150 mm LAYERS TO 98% STANDARD MAX. DRY DENSITY.			
	5. ALL DIMENSIONS ON DETAILS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. ALL PLANS AND LEVELS ARE EXPRESSED IN METRES.				14. ON COMPLETION OF WORKS ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL INCLUDING, BUT NOT LIMITED TO, KERBS, FOOTPATHS, CONCRETE AREAS, GRASS AND LANDSCAPED AREAS.											
3	6. THE APPROVAL OF A SUBSTITUTION SHALL BE SOUGHT FROM THE ENGINEER BUT IS NOT AN AUTHORISATION FOR A VARIATION. ANY VARIATIONS INVOLVED MUST BE TAKEN UP WITH THE ENGINEER / PRINCIPAL'S REPRESENTATIVE BEFORE THE WORK COMMENCES.															
	7. ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE ENGINEER FOR A DECISION BEFORE PROCEEDING WITH THE WORK.												13. BEDDING SHALL BE (U.N.O.) TYPE HS2, IN ACCORDANCE WITH CURRENT RELEVANT AUSTRALIAN STANDARDS.			
	8. THE CONTRACTOR SHALL GIVE 48 HOURS NOTICE FOR ALL ENGINEERING INSPECTIONS. ALL INSPECTIONS AND CERTIFICATIONS TO BE INCLUDED IN CONTRACTORS COST.												14. WHERE STORMWATER LINES PASS UNDER FLOOR SLABS, SEWER GRADE RUBBER RING JOINTS ARE TO BE USED.			
	9. BUILDING FROM THESE DRAWINGS IS NOT TO COMMENCE UNTIL APPROVED BY THE PRINCIPAL CERTIFYING AUTHORITY.												15. WHERE SUBSOIL DRAINAGE LINES PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS UNSLOTTED UPVC SEWER GRADE PIPE SHALL BE USED.			
	10. THE WORD 'ENGINEER' USED IN THESE NOTES REFER TO AN EMPLOYEE OR NOMINATED REPRESENTATIVE OF ARUP AUSTRALIA PTY LTD.												16. PROVIDE 3.0 m LENGTH OF 100 DIA. SUBSOIL DRAINAGE PIPE WRAPPED IN FABRIC SOCK, AT UPSTREAM END OF EACH PIT.			
5	11. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH THE RELEVANT CURRENT WORKPLACE HEALTH AND SAFETY LEGISLATION.															
	SITeworks															
	1. ORIGIN OF LEVELS:- AUSTRALIAN HEIGHT DATUM (A.H.D)															
6	2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.															
	3. ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATIONS AND THE DIRECTIONS OF THE PRINCIPAL'S REPRESENTATIVE.															
	4. EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA AND AS SUCH THEIR ACCURACY CANNOT BE GUARANTEED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE PRINCIPAL'S REPRESENTATIVE. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY.															
7																
	5. WHERE NEW WORKS ABOUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.															
	6. THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A REGISTERED SURVEYOR.															
	7. CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER COMMUNICATIONS OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS.															
9	8. ON COMPLETION OF PIPE INSTALLATION ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL. INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED AREAS AND ROAD PAVEMENTS IN ACCORDANCE WITH ALL LOCAL COUNCIL REQUIREMENTS.															
10																

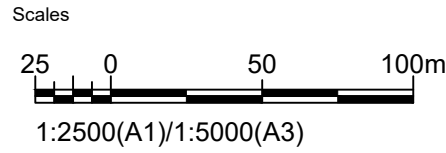
NOT FOR CONSTRUCTION

Scales		<table><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Issue</td><td>Date</td><td>By</td><td>Chkd</td><td>Appd</td></tr></table>																									Issue	Date	By	Chkd	Appd	<table><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Issue</td><td>Date</td><td>By</td><td>Chkd</td><td>Appd</td></tr></table>																									Issue	Date	By	Chkd	Appd	<table><tr><td>C</td><td>16.01.26</td><td>PDA</td><td>ERA</td><td>EGM</td></tr><tr><td colspan="5">ISSUE FOR APPROVAL</td></tr><tr><td>B</td><td>26.09.25</td><td>PDA</td><td>ERA</td><td>EGM</td></tr><tr><td colspan="5">ISSUED FOR ADEQUACY REVIEW</td></tr><tr><td>A</td><td>18.08.25</td><td>PDA</td><td>ERA</td><td>EGM</td></tr><tr><td colspan="5">DRAFT FEED ISSUE</td></tr><tr><td>Issue</td><td>Date</td><td>By</td><td>Chkd</td><td>Appd</td></tr></table>					C	16.01.26	PDA	ERA	EGM	ISSUE FOR APPROVAL					B	26.09.25	PDA	ERA	EGM	ISSUED FOR ADEQUACY REVIEW					A	18.08.25	PDA	ERA	EGM	DRAFT FEED ISSUE					Issue	Date	By	Chkd	Appd	Client  Engineering Certification (CEng) Name: _____ Signature: _____ Date: _____					Job Title BROMELTON ENERGY AND RESOURCES CENTRE Scale at A1 NOT TO SCALE Discipline CIVIL					 Arup, Level 5, 151 Clarence St Sydney, NSW, 2000 Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321 www.arup.com  Member Firm Arup Pty Ltd ABN 18 000 966 165					Drawing Title GENERAL NOTES Drawing Status FOR APPROVAL <table><tr><td>Job No</td><td>Drawing No</td><td>Issue</td></tr><tr><td>293683-00</td><td>BERC-ARU-BNE-CICW-DRG-1005</td><td>C</td></tr></table>					Job No	Drawing No	Issue	293683-00	BERC-ARU-BNE-CICW-DRG-1005	C
Issue	Date	By	Chkd	Appd																																																																																																																											
Issue	Date	By	Chkd	Appd																																																																																																																											
C	16.01.26	PDA	ERA	EGM																																																																																																																											
ISSUE FOR APPROVAL																																																																																																																															
B	26.09.25	PDA	ERA	EGM																																																																																																																											
ISSUED FOR ADEQUACY REVIEW																																																																																																																															
A	18.08.25	PDA	ERA	EGM																																																																																																																											
DRAFT FEED ISSUE																																																																																																																															
Issue	Date	By	Chkd	Appd																																																																																																																											
Job No	Drawing No	Issue																																																																																																																													
293683-00	BERC-ARU-BNE-CICW-DRG-1005	C																																																																																																																													



- NOTE**
- 1. FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
 - 2. FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY
Making a sustainable future possible

Engineering Certification (CEng)

Name: _____ Date: _____

Signature: _____

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1 1:2500m

Discipline **CIVIL**

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com

CONSULT AUSTRALIA
Member Firm
Arup Pty Ltd
ABN 18 000 966 165

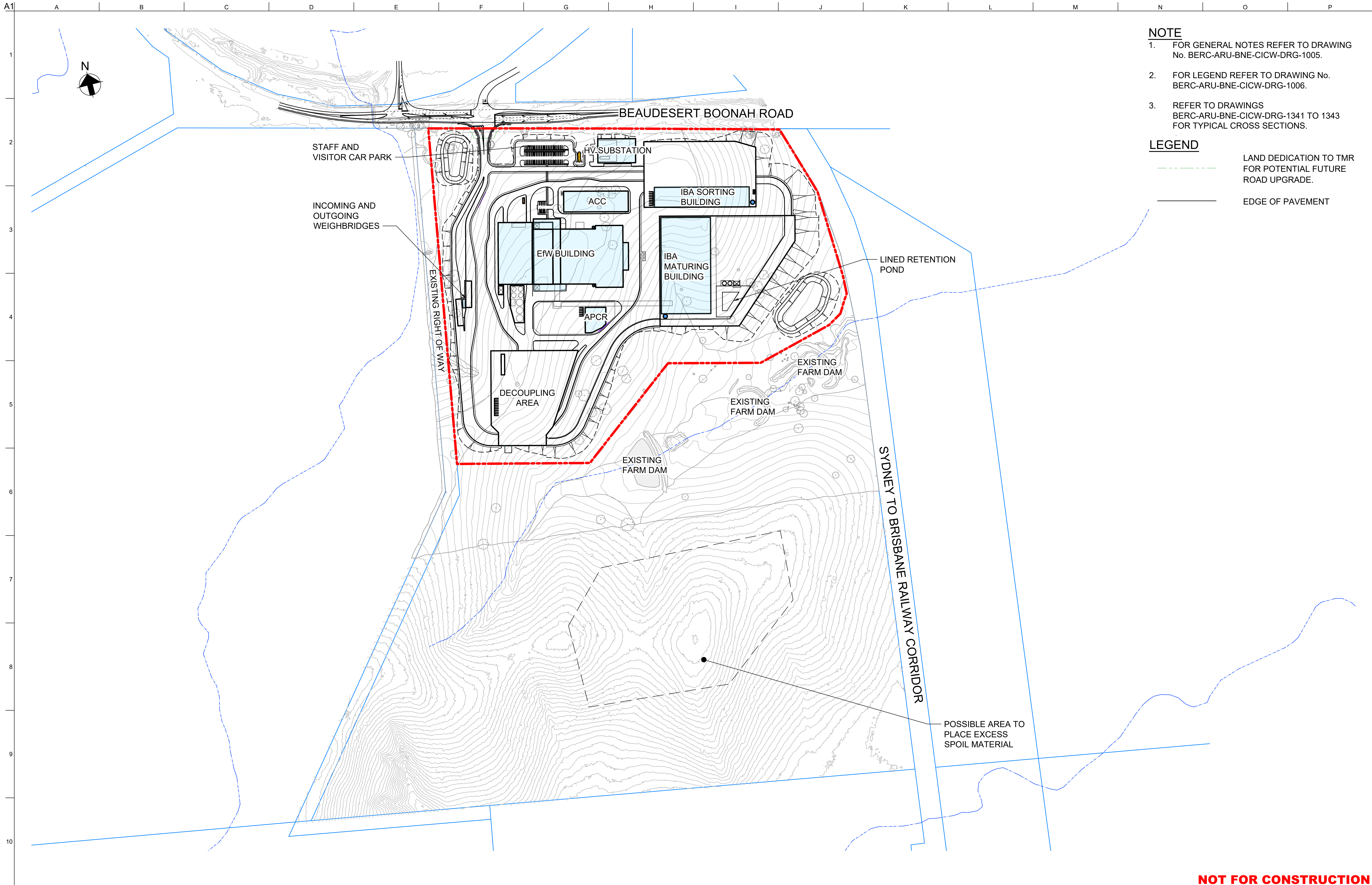
Drawing Title

EXISTING SITE PLAN

Drawing Status

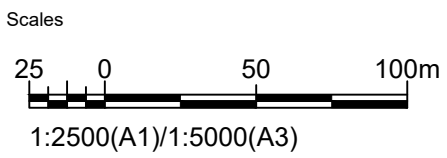
FOR APPROVAL

Job No	Drawing No	Issue
293683-00	BERC-ARU-BNE-CICW-DRG-1010	C



- NOTE**
- 1. FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
 - 2. FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.
 - 3. REFER TO DRAWINGS BERC-ARU-BNE-CICW-DRG-1341 TO 1343 FOR TYPICAL CROSS SECTIONS.

- LEGEND**
- LAND DEDICATION TO TMR FOR POTENTIAL FUTURE ROAD UPGRADE.
 - EDGE OF PAVEMENT



Issue	Date	By	Chkd	Appd

E	27.07.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
D	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
Issue	Date	By	Chkd	Appd

C	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
B	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
A	22.07.25	PDA	ERA	EGM
ISSUED FOR INFORMATION				
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY
Making a sustainable future possible

Engineering Certification (CEng)

Name: _____ Date: _____

Signature: _____

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1 1:2500m

Discipline **CIVIL**

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com

CONSULT AUSTRALIA
Member Firm
Arup Pty Ltd
ABN 18 000 966 165

Drawing Title

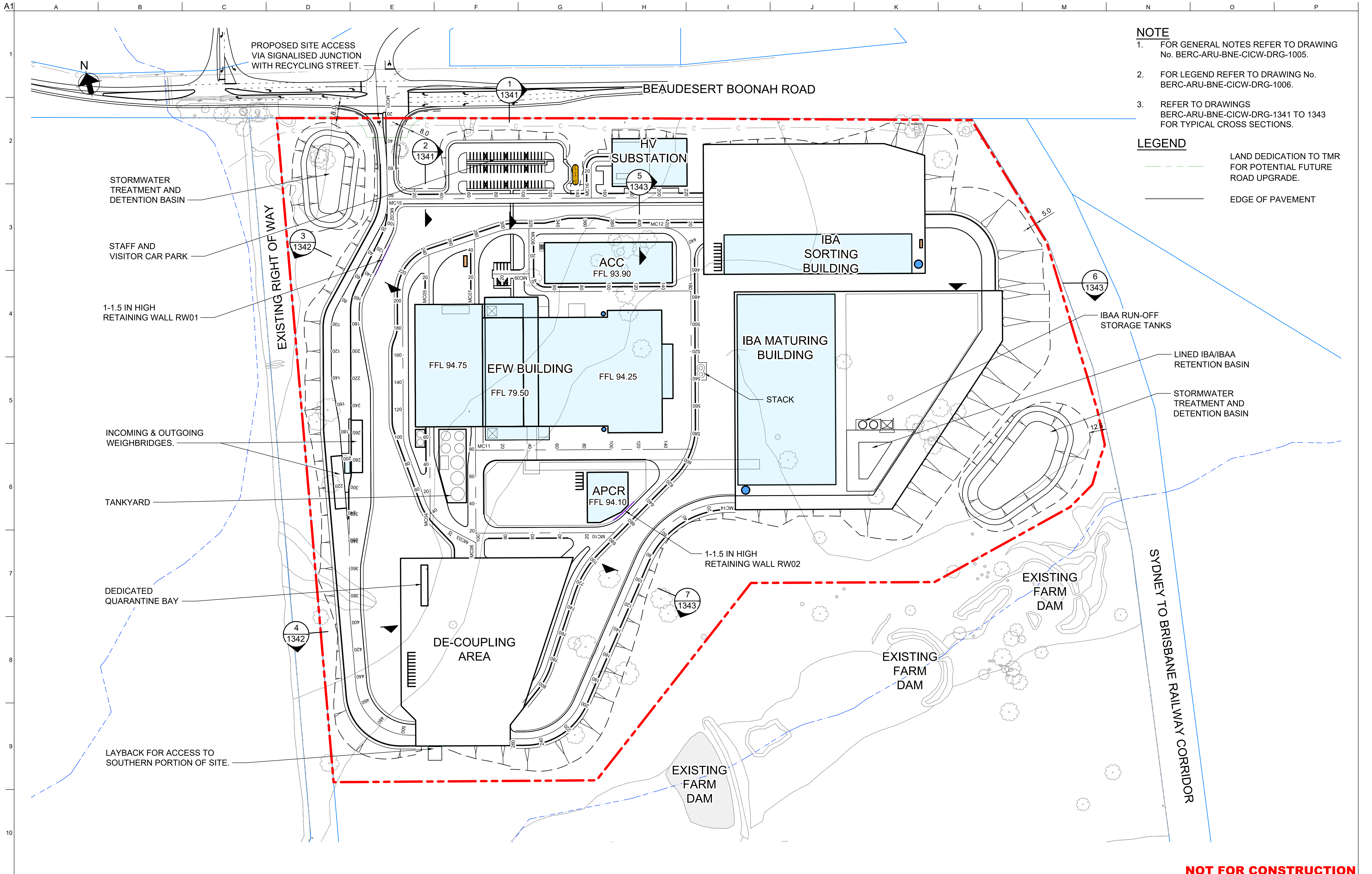
PROPOSED SITE PLAN

Drawing Status

FOR APPROVAL

Job No	Drawing No	Issue
293683-00	BERC-ARU-BNE-CICW-DRG-1020	E

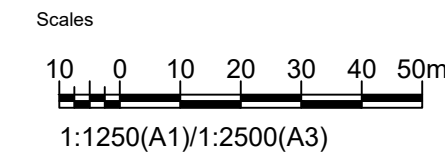
NOT FOR CONSTRUCTION



- NOTE**
- 1. FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
 - 2. FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.
 - 3. REFER TO DRAWINGS BERC-ARU-BNE-CICW-DRG-1341 TO 1343 FOR TYPICAL CROSS SECTIONS.

- LEGEND**
- LAND DEDICATION TO TMR FOR POTENTIAL FUTURE ROAD UPGRADE.
 - EDGE OF PAVEMENT

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd

E	27.07.26	PDA	PDA	EGM
ISSUE FOR APPROVAL				
D	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
Issue	Date	By	Chkd	Appd

C	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
B	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
A	22.07.25	PDA	ERA	EGM
ISSUED FOR INFORMATION				
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY
Making a sustainable future possible

Engineering Certification (CEng)

Name: _____ Date: _____

Signature: _____

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1: 1:1250m

Discipline: CIVIL

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com

CONSULT AUSTRALIA
Member Firm
Arup Pty Ltd
ABN 18 000 966 165

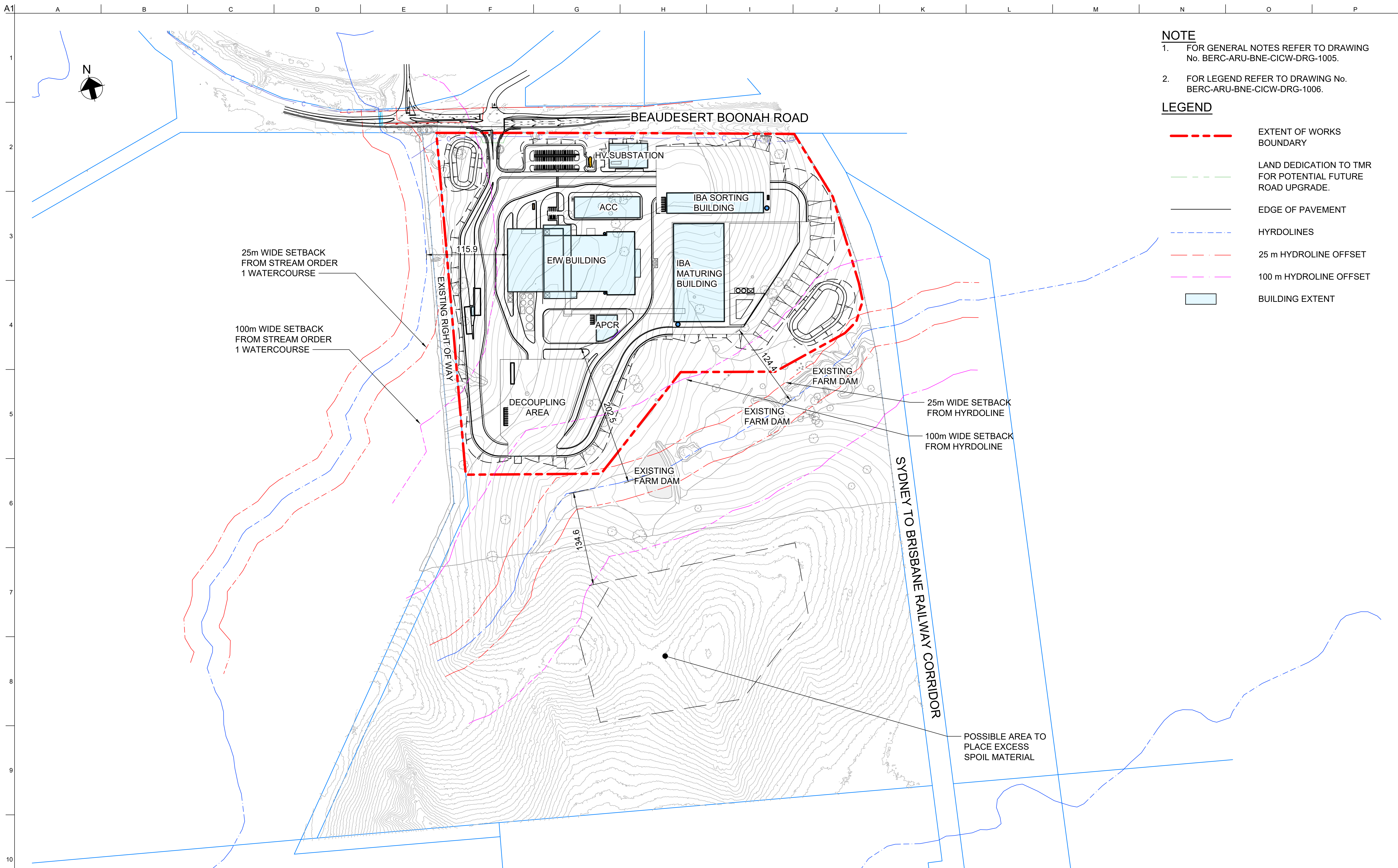
Drawing Title

PROPOSED SITE PLAN - DEVELOPMENT FOOTPRINT

Drawing Status

FOR APPROVAL

Job No	Drawing No	Issue
293683-00	BERC-ARU-BNE-CICW-DRG-1021	E

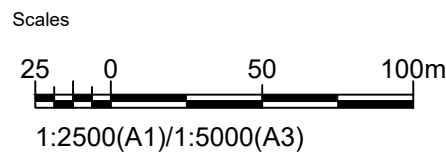


NOTE

1. FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
2. FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.

	EXTENT OF WORKS BOUNDARY
	LAND DEDICATION TO TMR FOR POTENTIAL FUTURE ROAD UPGRADE.
	EDGE OF PAVEMENT
	HYDROLINES
	25 m HYDROLINE OFFSET
	100 m HYDROLINE OFFSET
	BUILDING EXTENT

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd

D	27.07.26	PDA	ERA	
ISSUE FOR APPROVAL				
Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client _____

CLEANAWAY
Making a sustainable future possible

Engineering Certification (CEng)

Name: _____

Signature: _____ Date: _____

Job Title
**BROMELTON ENERGY AND
RESOURCES CENTRE**

Scale at A1 1:2500m

Discipline **CIVIL**

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com



Drawing Title

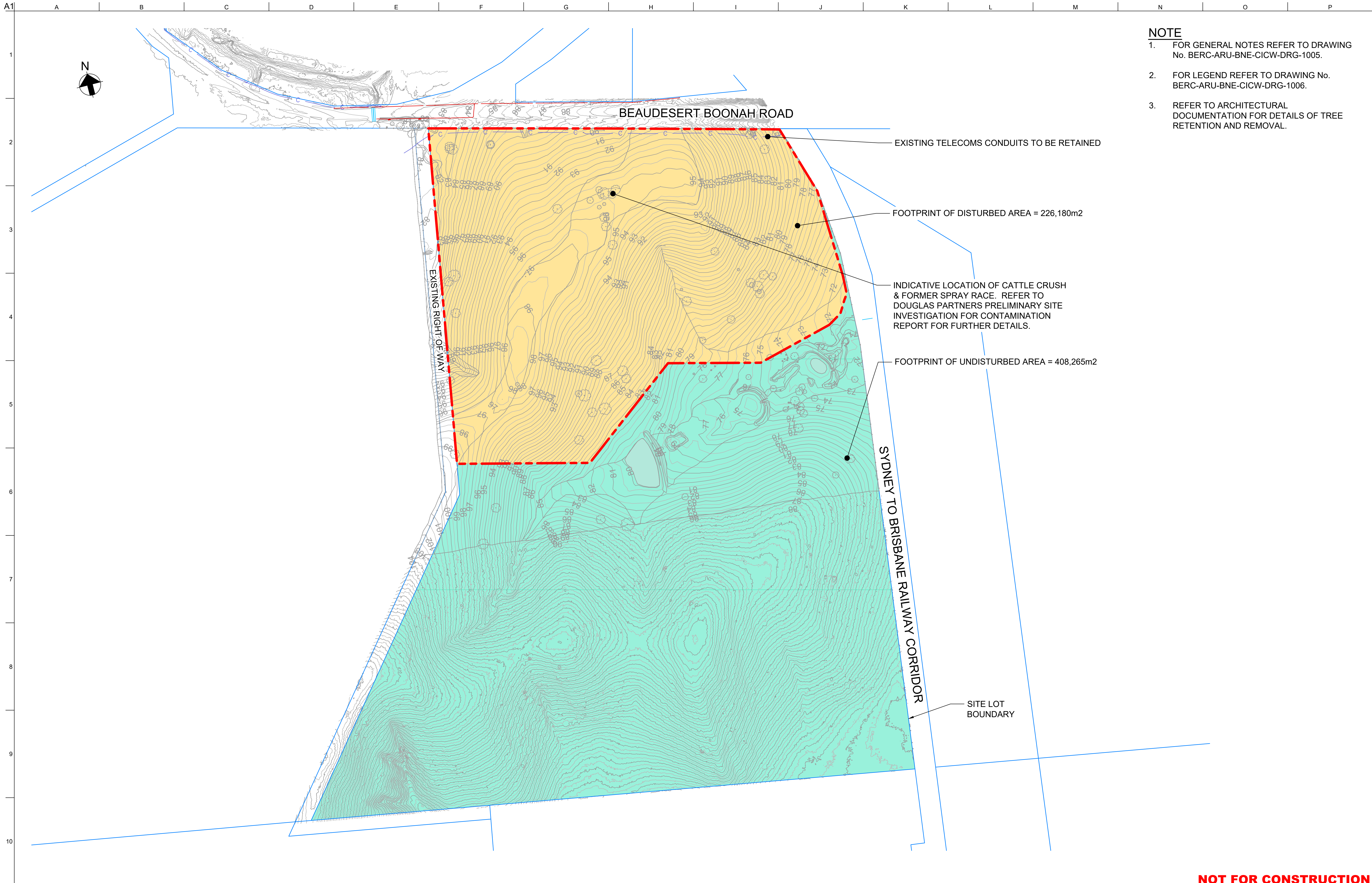
PROPOSED SITE
PLAN - CLEARANCES FROM
DEVELOPMENT FOOTPRINT

Drawing Status

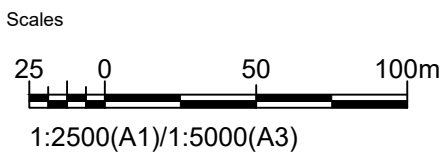
FOR APPROVAL

Job No	Drawing No
293683-00	BERC- ARU-BNE-CICW-DRG-1030

© Aruk



- NOTE**
1. FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
 2. FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.
 3. REFER TO ARCHITECTURAL DOCUMENTATION FOR DETAILS OF TREE RETENTION AND REMOVAL.



Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY
Making a sustainable future possible

Engineering Certification (CEng)

Name: _____

Signature: _____ Date: _____

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1 1:2500m

Discipline **CIVIL**

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com

CONSULT AUSTRALIA
Member Firm
Arup Pty Ltd
ABN 18 000 966 165

Drawing Title

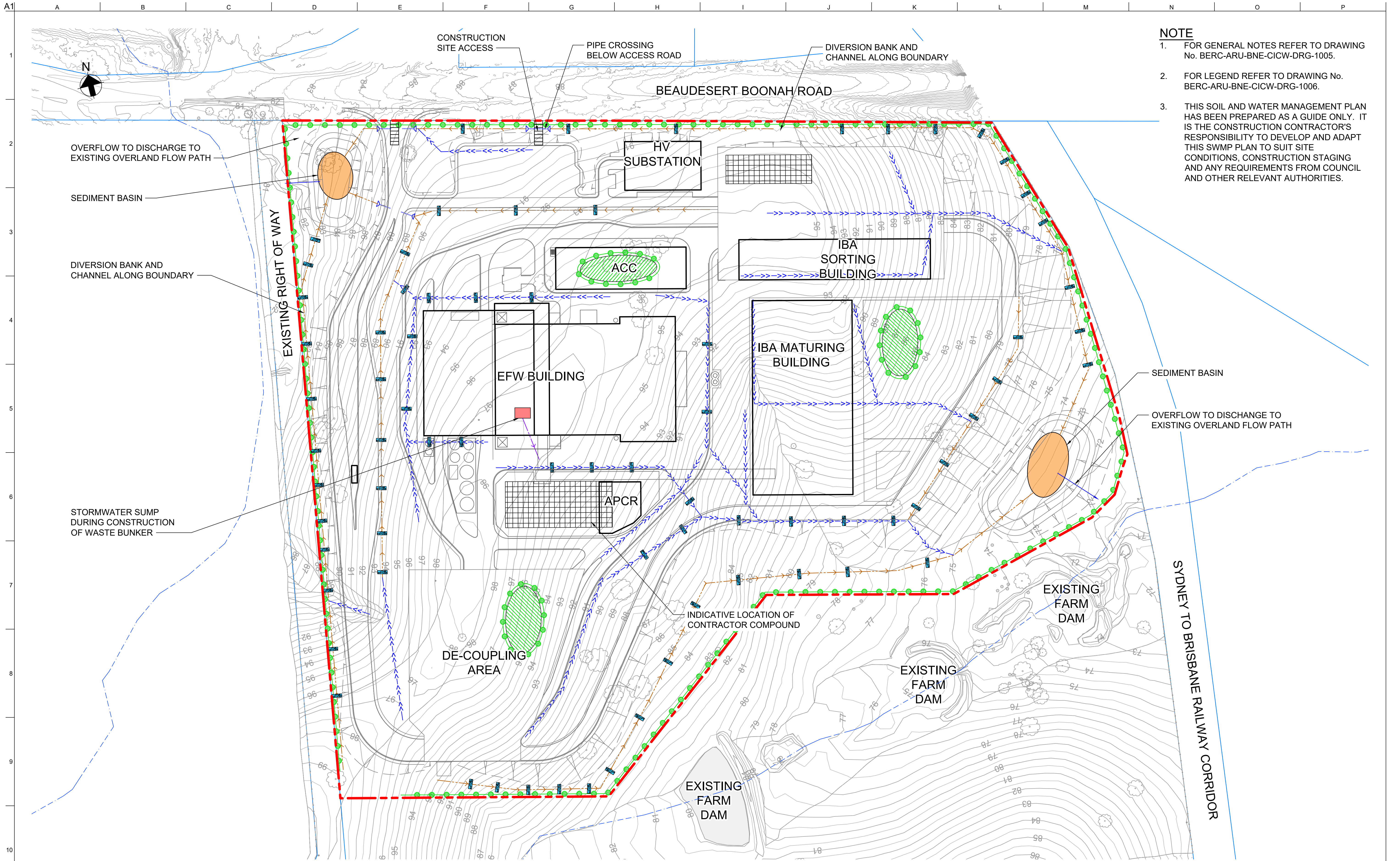
DEMOLITION AND SITE CLEARANCE PLAN

Drawing Status

FOR APPROVAL

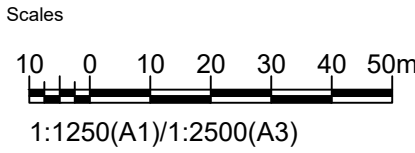
Job No	Drawing No	Issue
293683-00	BERC-ARU-BNE-CICW-DRG-1080	C

NOT FOR CONSTRUCTION



- NOTE**
1. FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
 2. FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.
 3. THIS SOIL AND WATER MANAGEMENT PLAN HAS BEEN PREPARED AS A GUIDE ONLY. IT IS THE CONSTRUCTION CONTRACTOR'S RESPONSIBILITY TO DEVELOP AND ADAPT THIS SWMP PLAN TO SUIT SITE CONDITIONS, CONSTRUCTION STAGING AND ANY REQUIREMENTS FROM COUNCIL AND OTHER RELEVANT AUTHORITIES.

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY
Making a sustainable future possible

Engineering Certification (CEng)

Name: _____ Date: _____

Signature: _____

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1 1:1250m

Discipline **CIVIL**

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com

CONSULT AUSTRALIA
Member Firm
Arup Pty Ltd
ABN 18 000 966 165

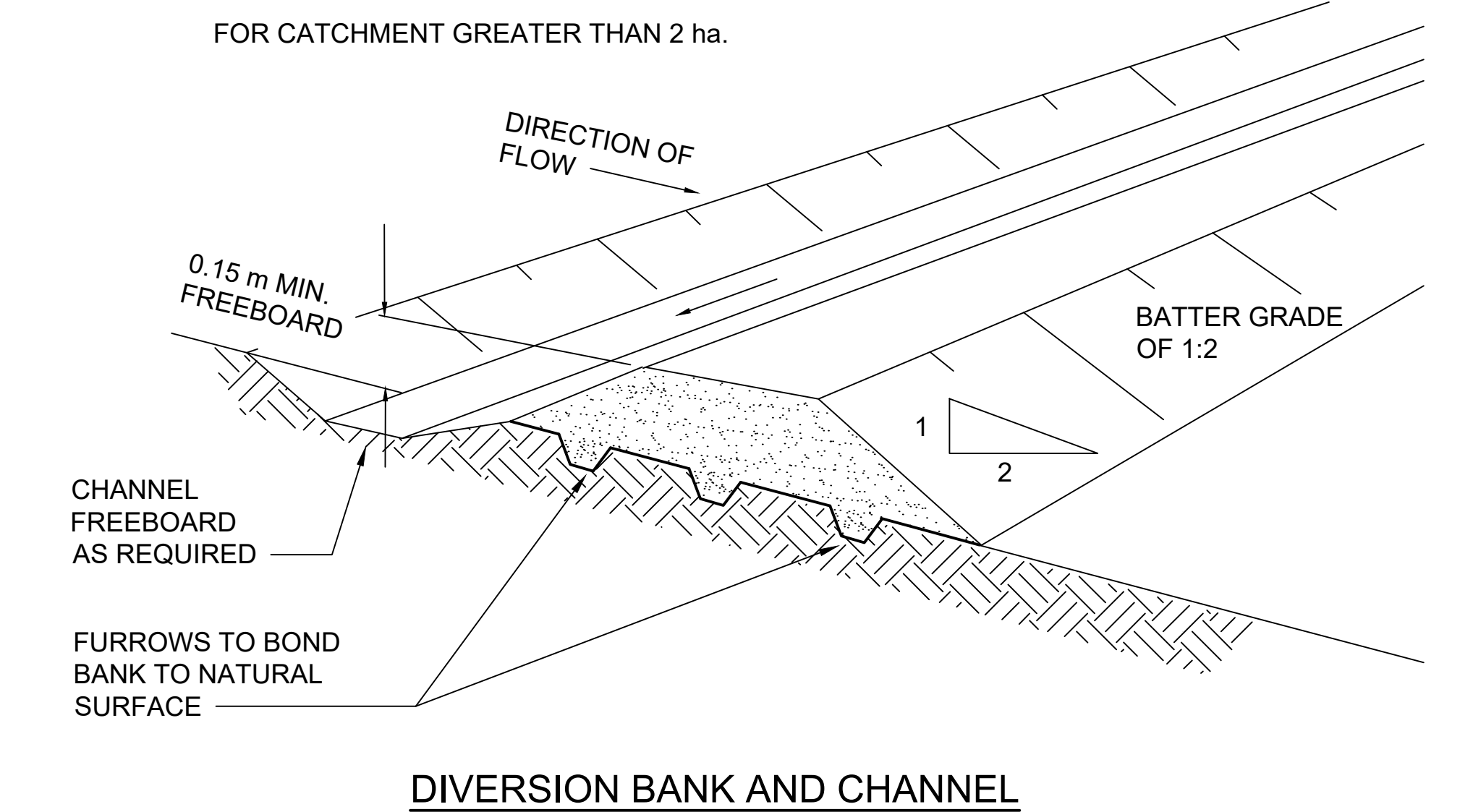
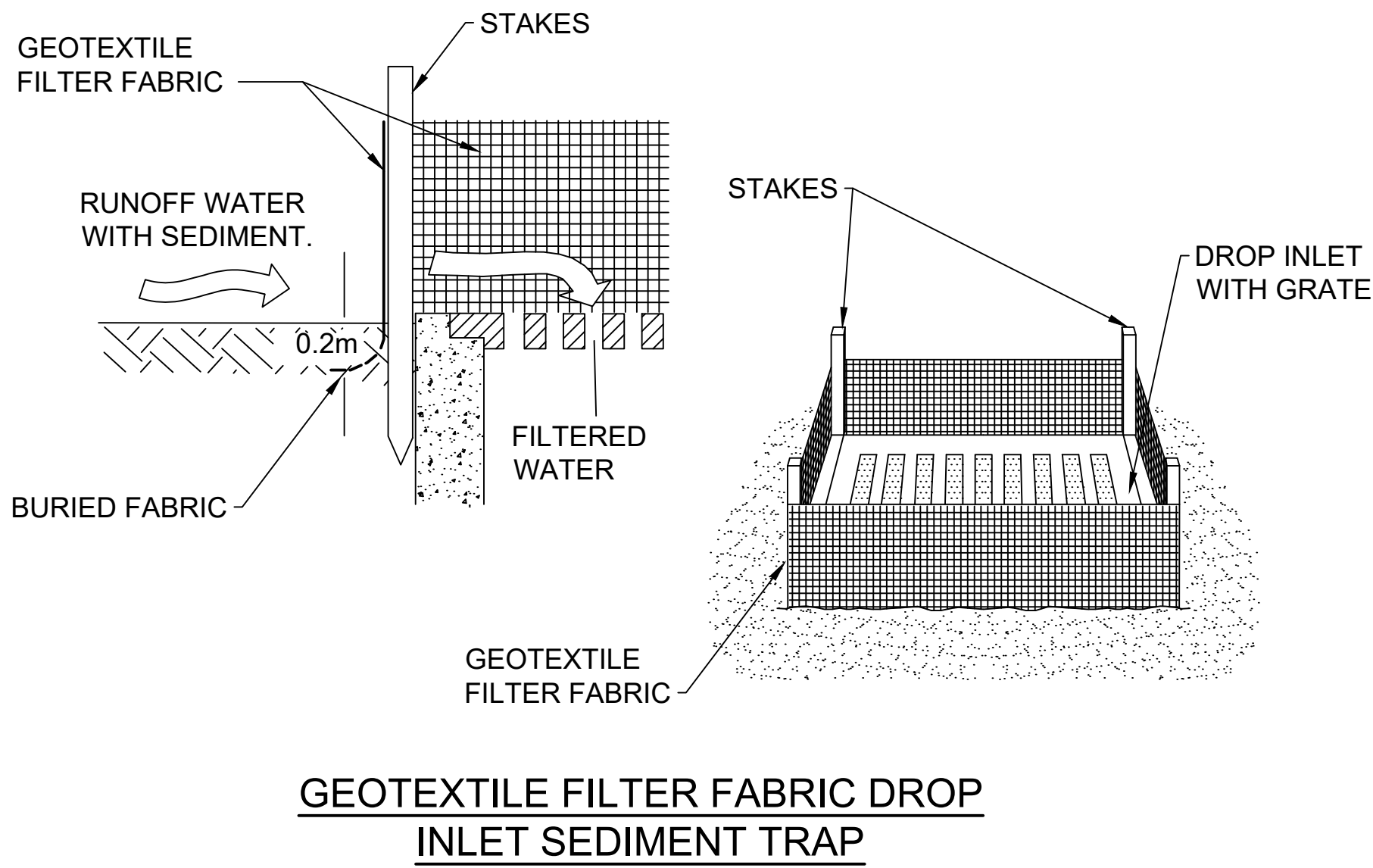
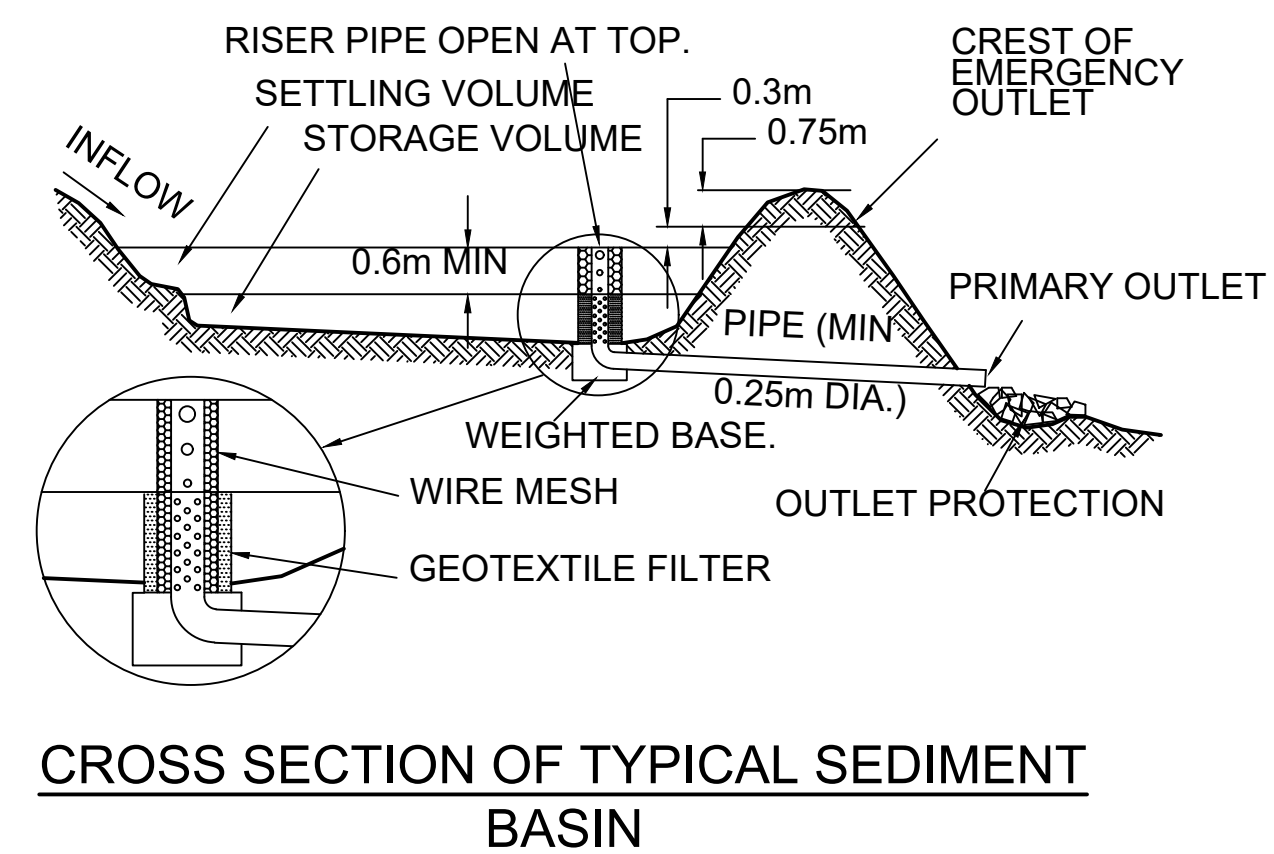
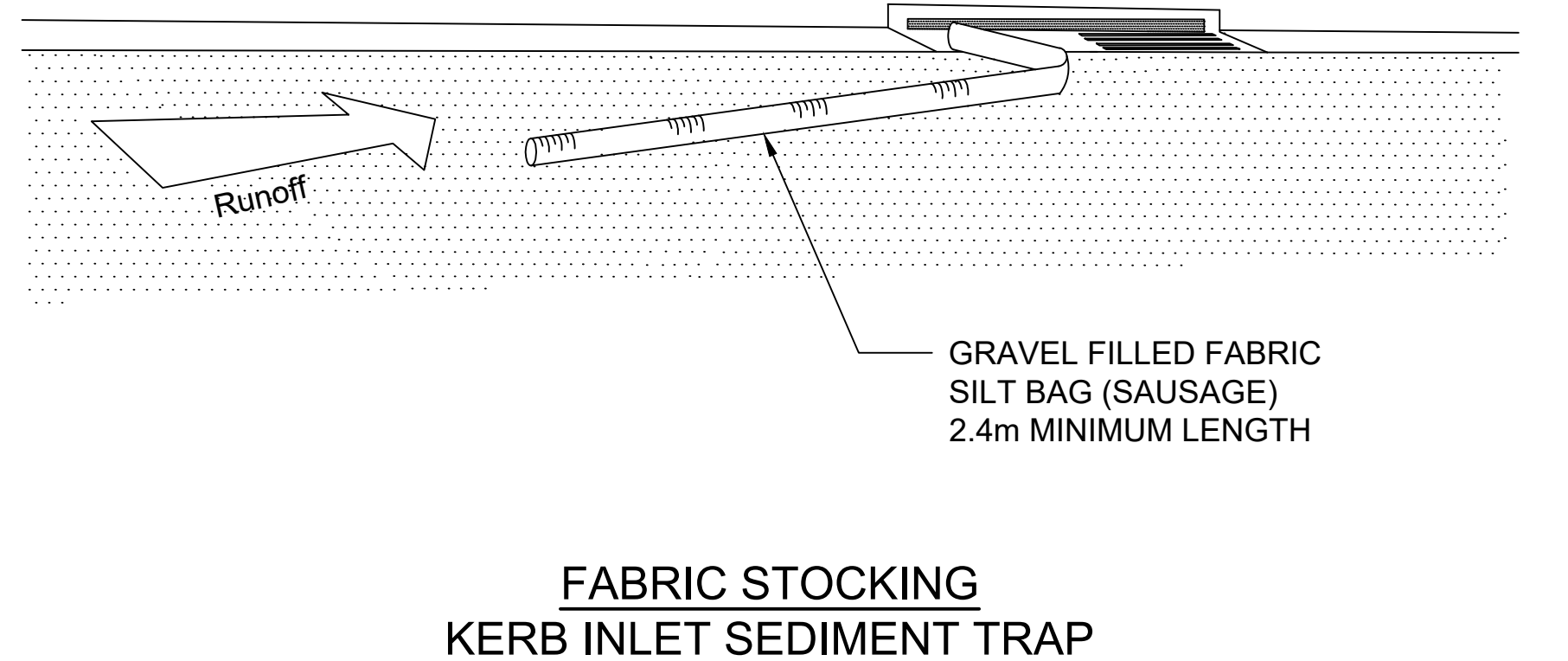
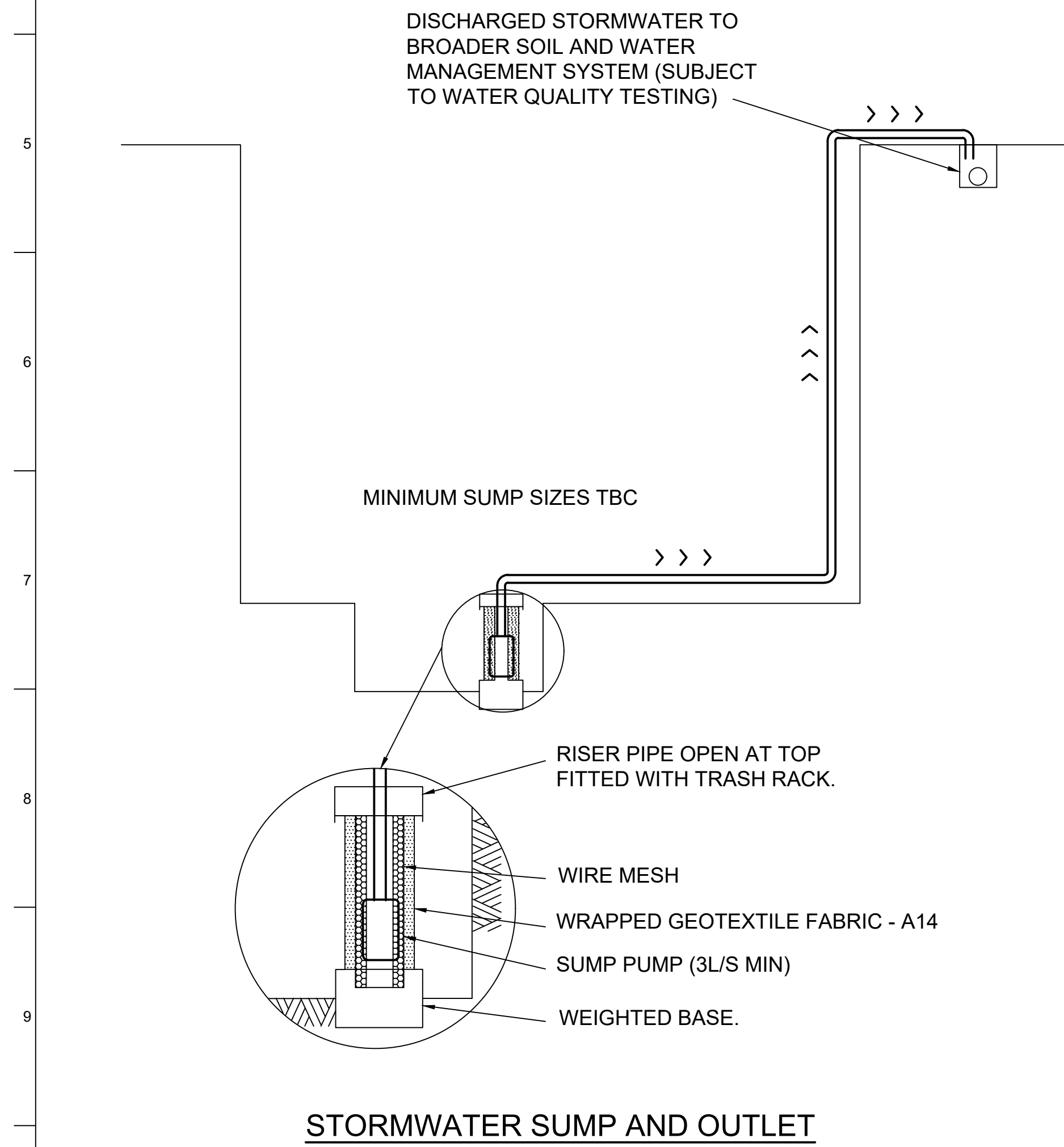
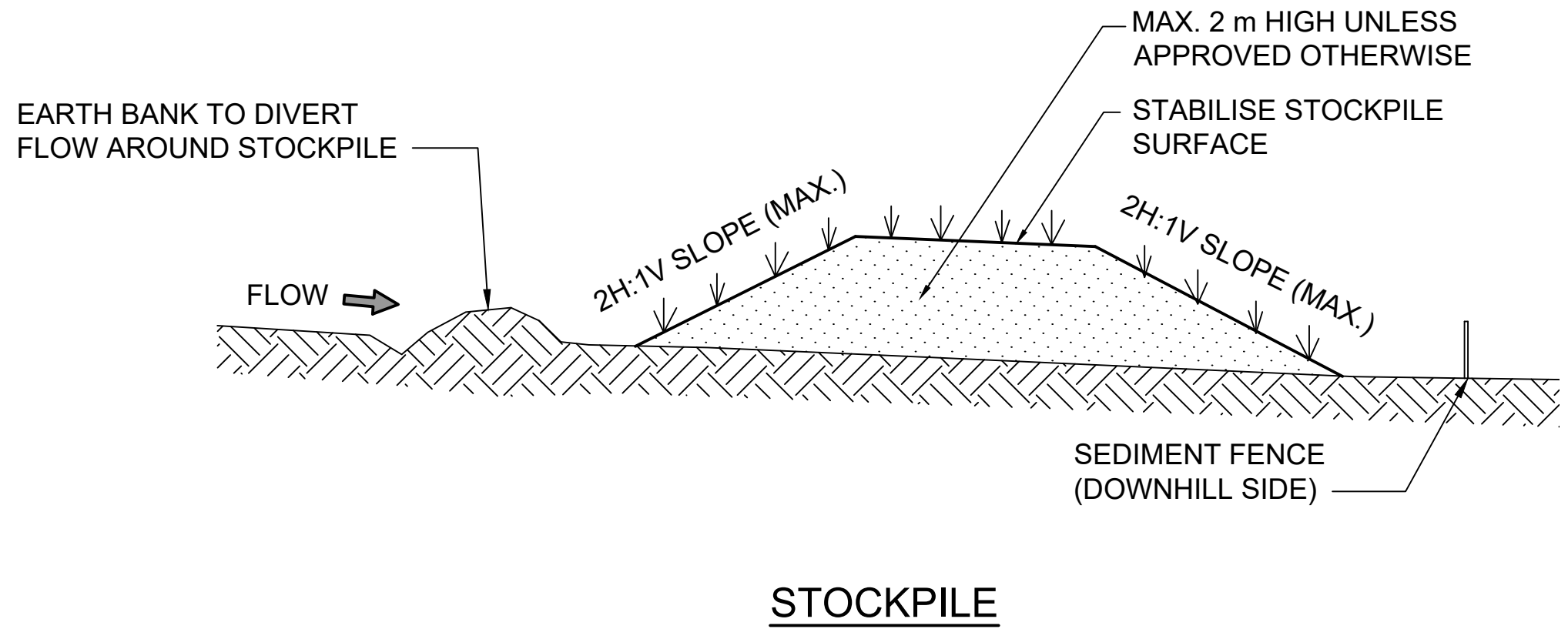
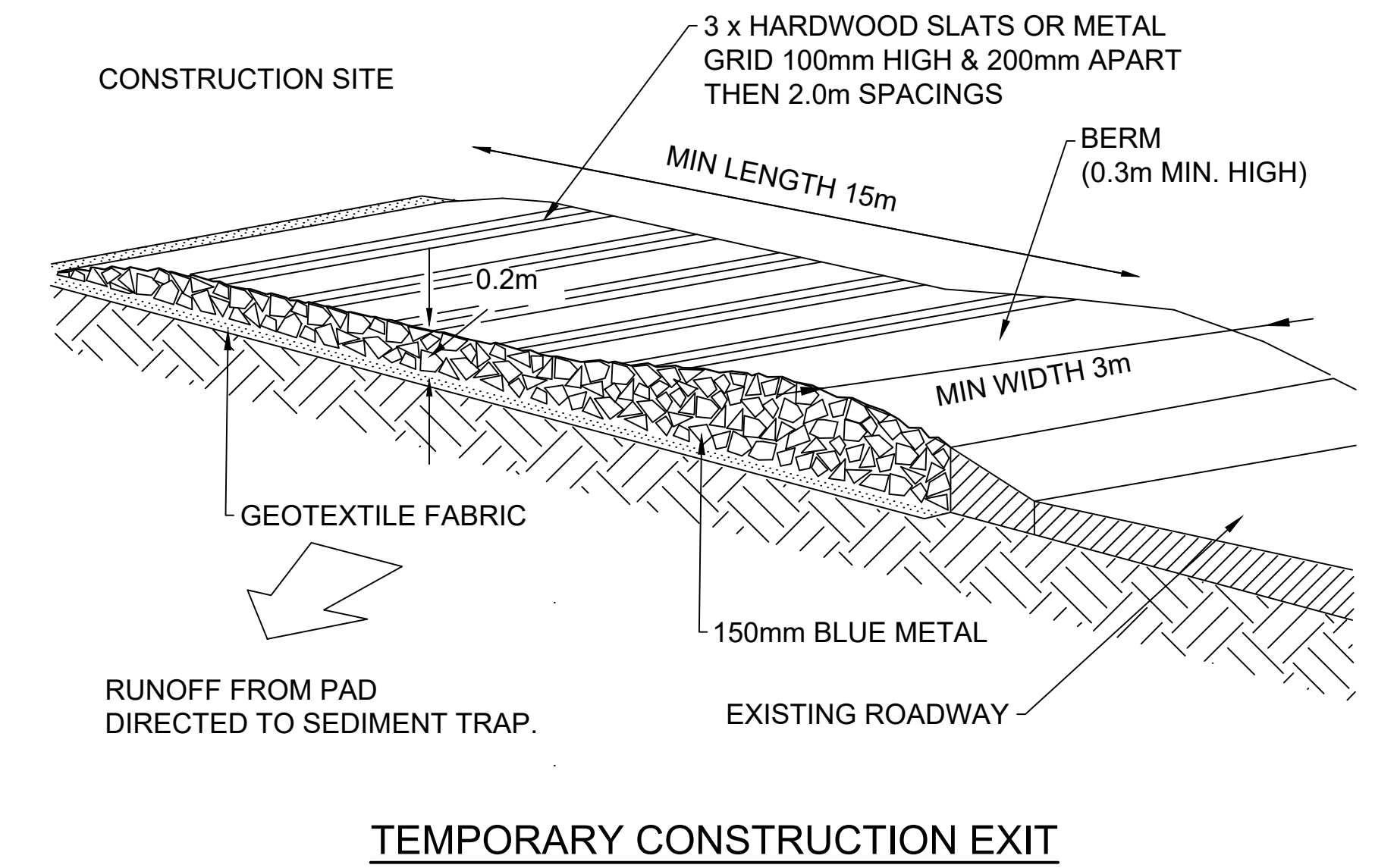
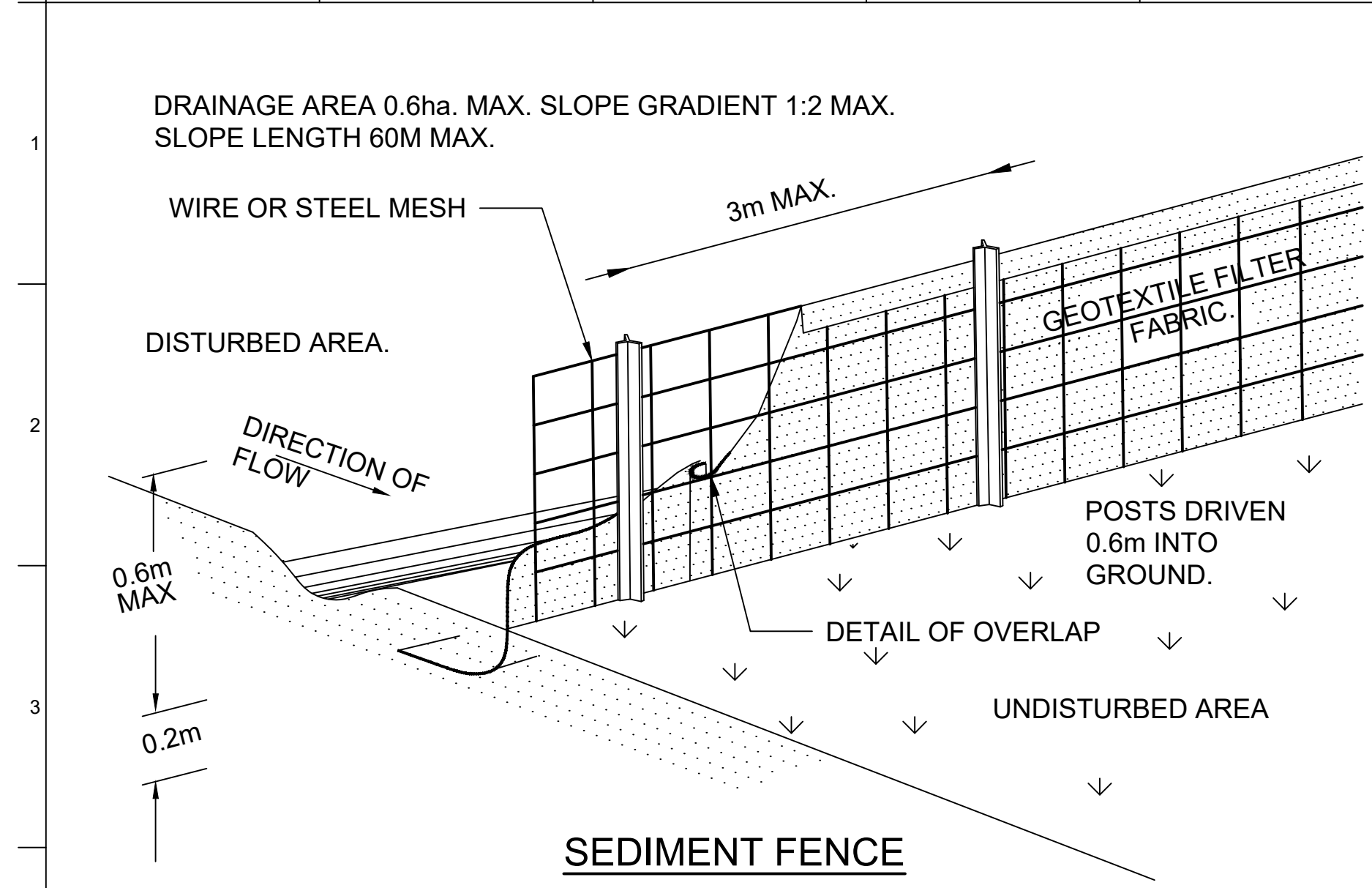
Drawing Title

SOIL AND WATER MANAGEMENT PLAN

Drawing Status

FOR APPROVAL

Job No	Drawing No	Issue
293683-00	BERC-ARU-BNE-CICW-DRG-1101	C



NOT FOR CONSTRUCTION

Scales

Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY

Making a sustainable future possible

Engineering Certification (CEng)

Name: _____ Date: _____

Signature: _____

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1: **NOT TO SCALE**

Discipline: **CIVIL**

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com

CONSULT AUSTRALIA

Member Firm
Arup Pty Ltd
ABN 18 000 966 165

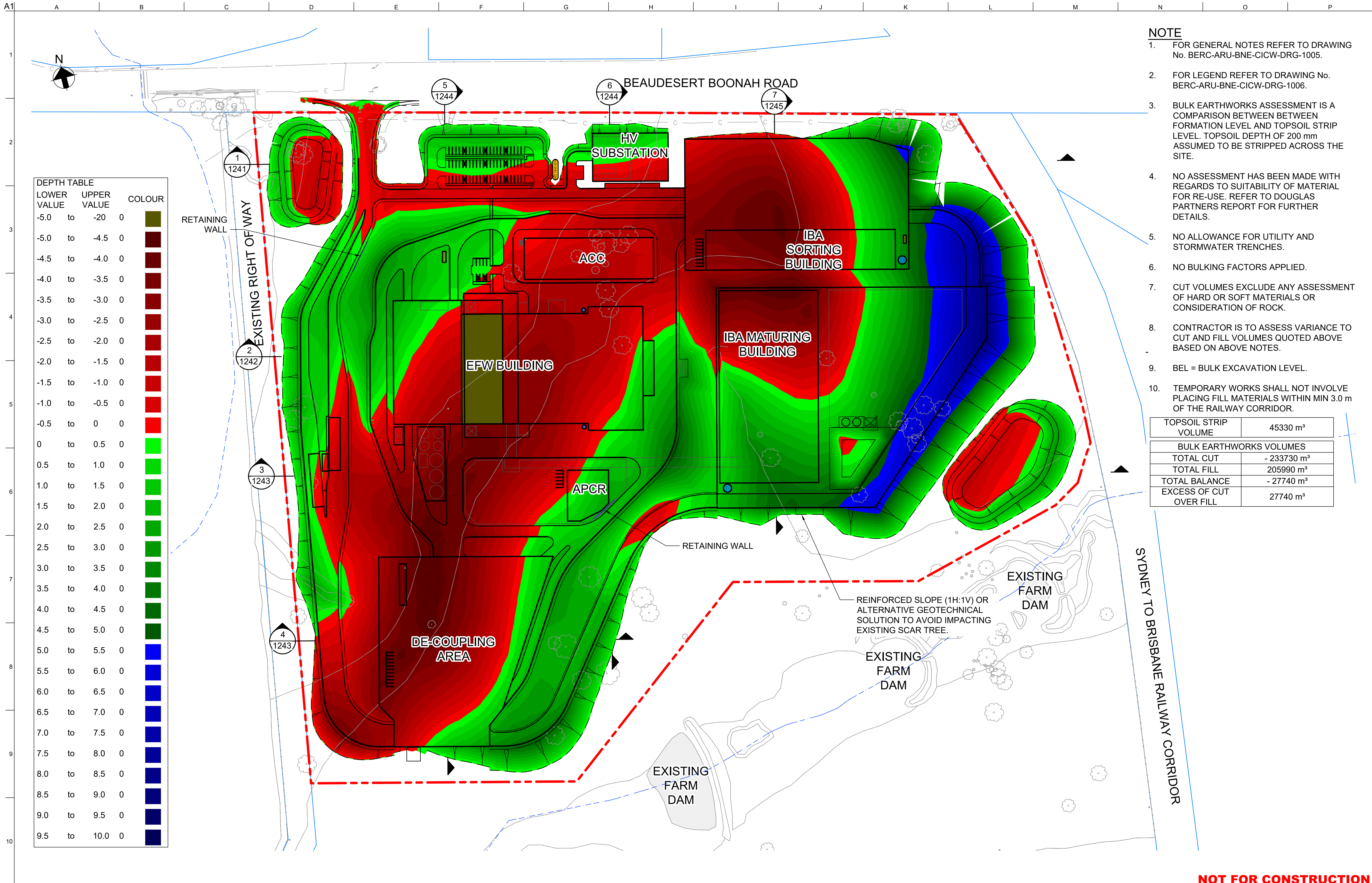
Drawing Title

EROSION AND SEDIMENT CONTROL DETAILS

Drawing Status

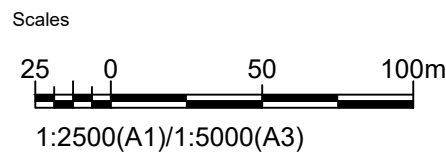
FOR APPROVAL

Job No: **293683-00** Drawing No: **BERC-ARU-BNE-CICW-DRG-1191** Issue: **C**



TOPSOIL STRIP VOLUME	45330 m³
BULK EARTHWORKS VOLUMES	
TOTAL CUT	- 233730 m³
TOTAL FILL	205990 m³
TOTAL BALANCE	- 27740 m³
EXCESS OF CUT OVER FILL	27740 m³

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd

D	27.07.26	PDA	PDA	EGM
ISSUE FOR APPROVAL				
Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client
CLEANAWAY
Making a sustainable future possible

Engineering Certification (CEng)
Name: _____ Date: _____
Signature: _____

Job Title
BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1
1:2500m

Discipline
CIVIL

ARUP

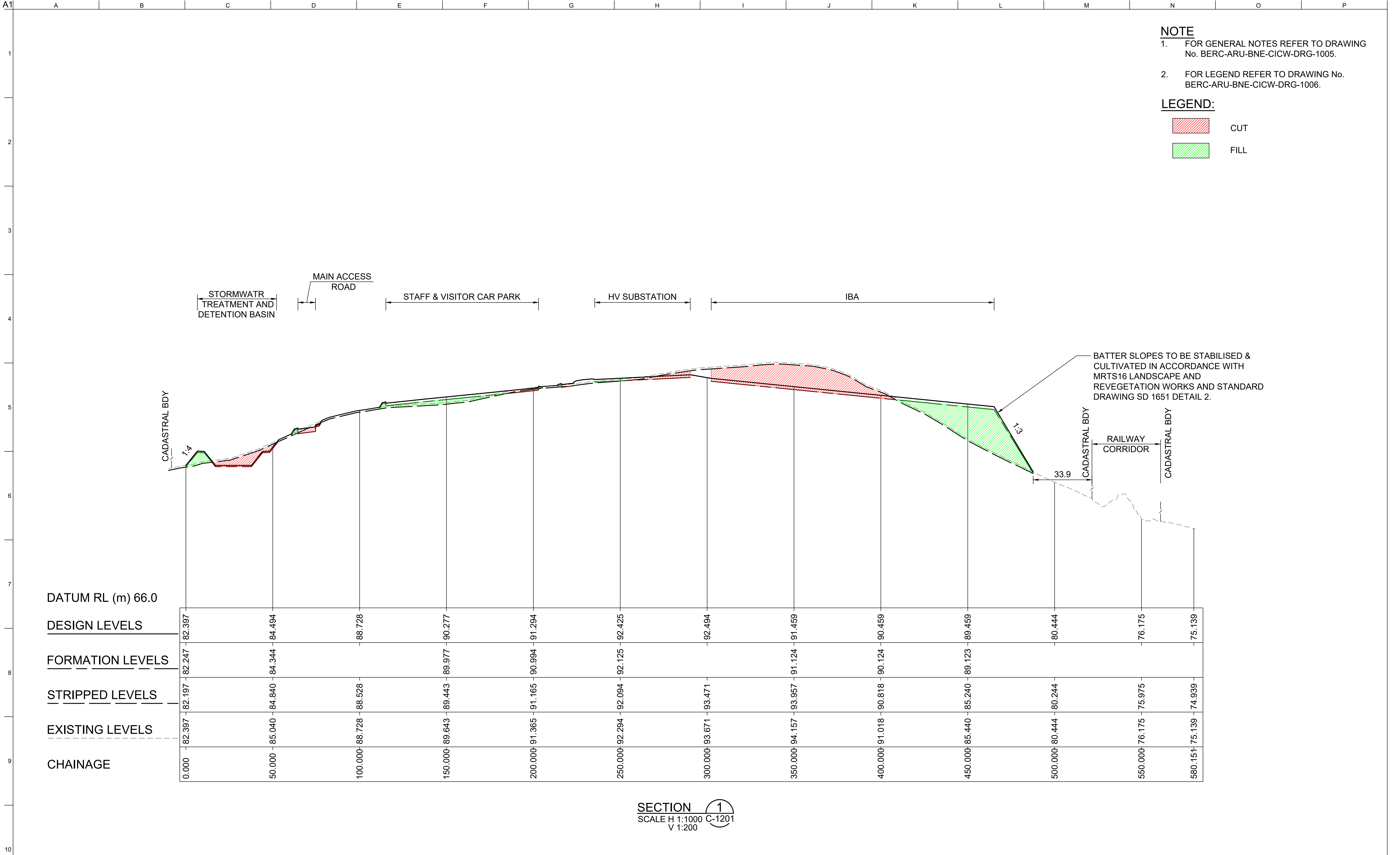
Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com

CONSULT AUSTRALIA
Member Firm
Arup Pty Ltd
ABN 18 000 966 165

Drawing Title
BULK EARTHWORKS PLAN

Drawing Status
FOR APPROVAL

Job No 293683-00	Drawing No BERC-ARU-BNE-CICW-DRG-1201	Issue D
----------------------------	---	-------------------



100m

50m

20m

10m

0

10

20

30

40

50

60

70

80

90

100

1:1000(A1)/1:2000(A3)

1:200(A1)/1:400(A3)

Issue

Date

By

Chkd

Appd

Issue

Date

By

Chkd

Appd

C

16.01.26

PDA

ERA

EGM

B

26.09.25

PDA

ERA

EGM

A

18.08.25

PDA

ERA

EGM

Client

CLEANAWAY

Engineering Certification (CEng)

Name: _____

Signature: _____ Date: _____

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1

AS SHOWN

Discipline

CIVIL

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com

CONSULT AUSTRALIA

Member Firm

Arup Pty Ltd

ABN 18 000 966 165

Drawing Title

BULK EARTHWORKS SITE SECTIONS SHEET 1

Drawing Status

FOR APPROVAL

Job No

293683-00

Drawing No

BERC-ARU-BNE-CICW-DRG-1241

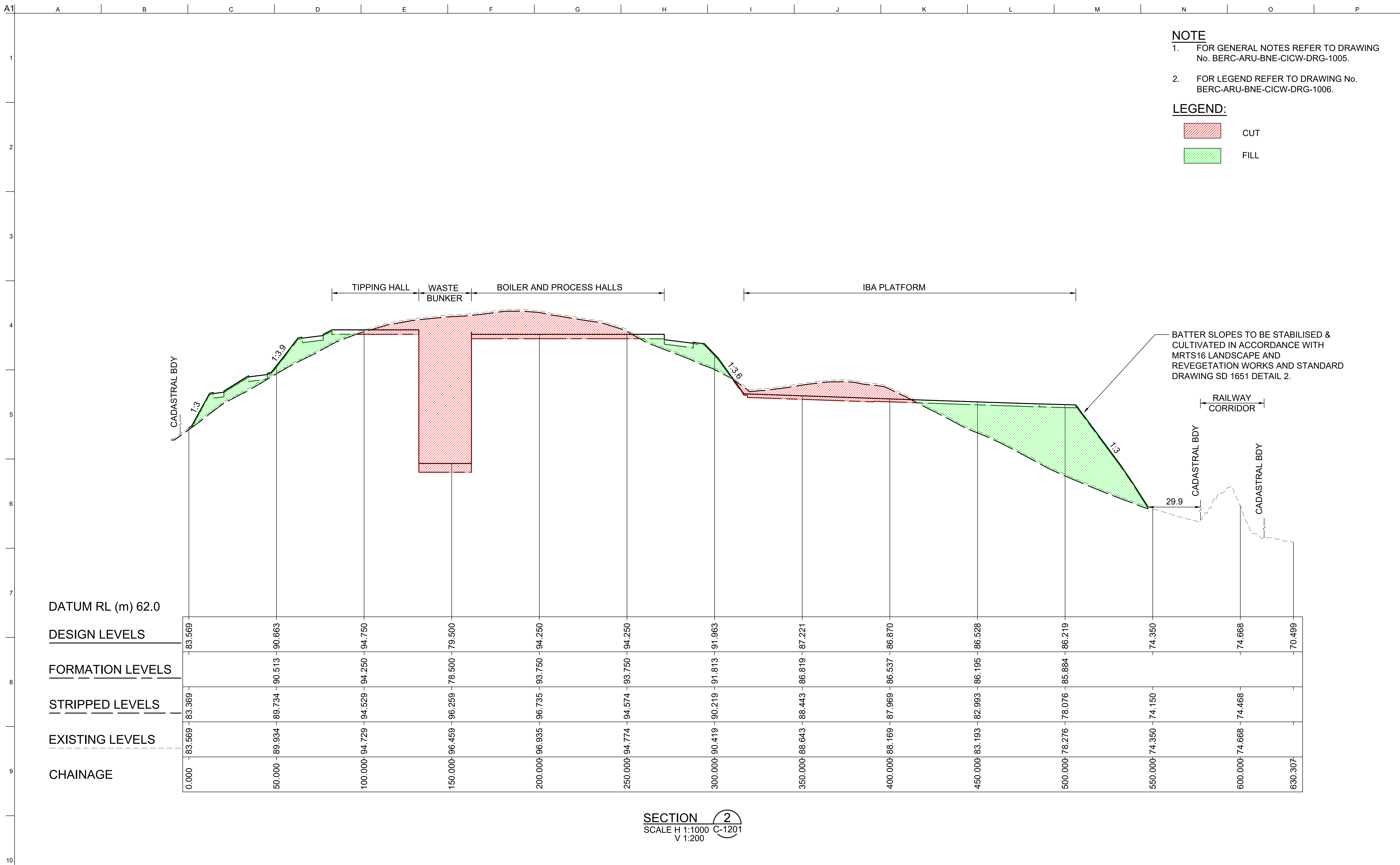
Issue

C

NOT FOR CONSTRUCTION

Do not scale

© Arup



NOTE

1. FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
2. FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.

LEGEND:

– BATTER SLOPES TO BE STABILISED & CULTIVATED IN ACCORDANCE WITH MRTS16 LANDSCAPE AND REVEGETATION WORKS AND STANDARD DRAWING SD 1651 DETAIL 2.



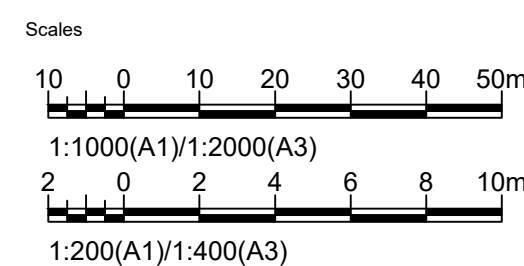
RAILWAY
CORRIDOR

BDY

BDY

SECTION 2
SCALE H 1:1000 C-1201
V 1:200

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY
Making a sustainable future possible

Engineering Certification (CEng)

Name:

Signature: Date:

Job Title	
BROMELTON ENERGY AND RESOURCES CENTRE	
Scale at A1	AS SHOWN
Discipline	CIVIL

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com



Drawing Title

**BULK EARTHWORKS
SITE SECTIONS
SHEET 2**

Drawing Status

FOR APPROVAL

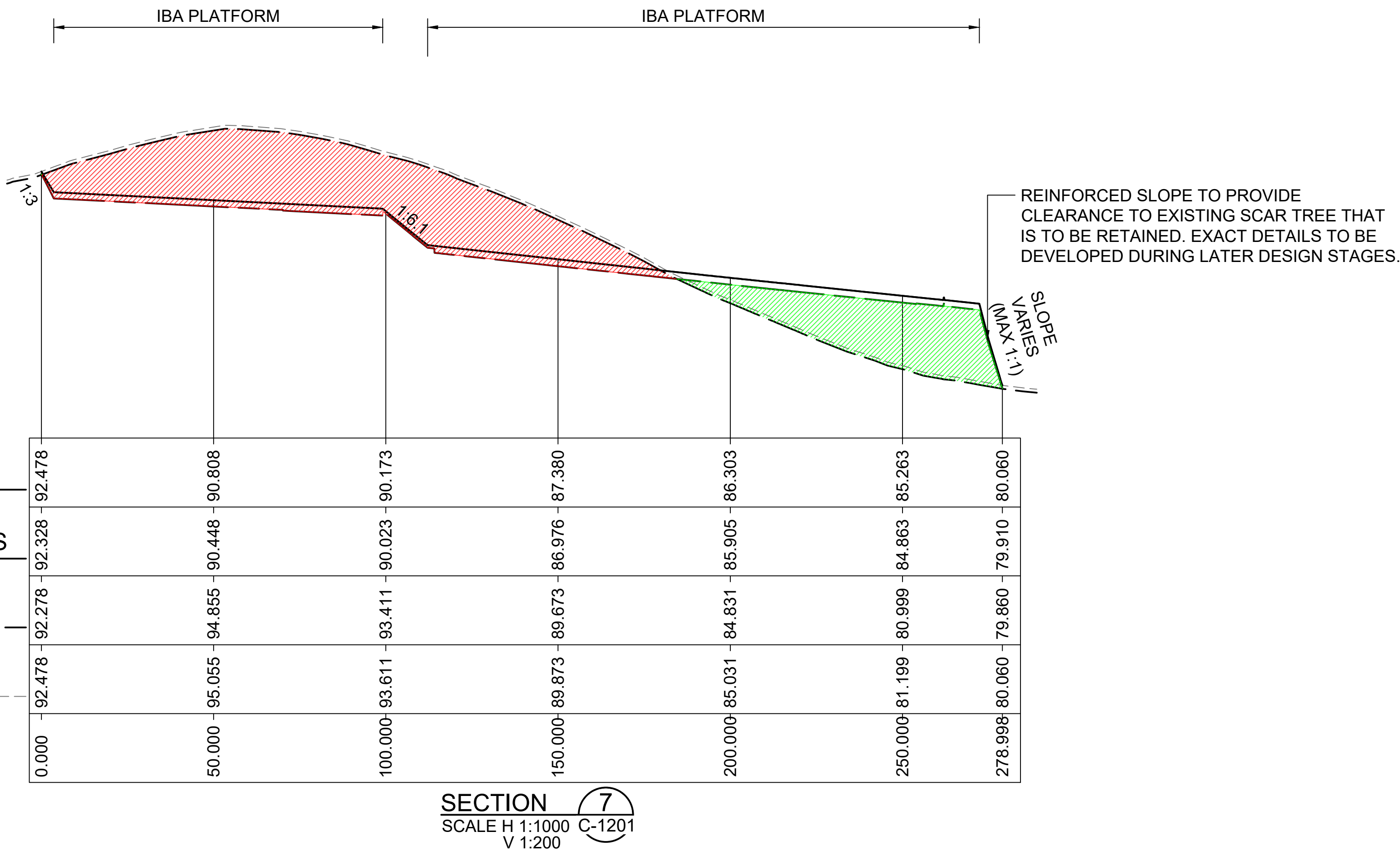
Job No	Drawing No	Issue
293683-00	BERC-ARU-BNE-CICW-DRG-1242	C

NOTE

1. FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
2. FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.

LEGEND:

- CUT
- FILL



NOT FOR CONSTRUCTION

Scales

Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

B	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
A	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
Issue	Date	By	Chkd	Appd

Client



Engineering Certification (CEng)

Name:

Signature: Date:

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1

AS SHOWN

Discipline

CIVIL

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com



Drawing Title

BULK EARTHWORKS
SITE SECTIONS
SHEET 5

Drawing Status

FOR APPROVAL

Job No

293683-00

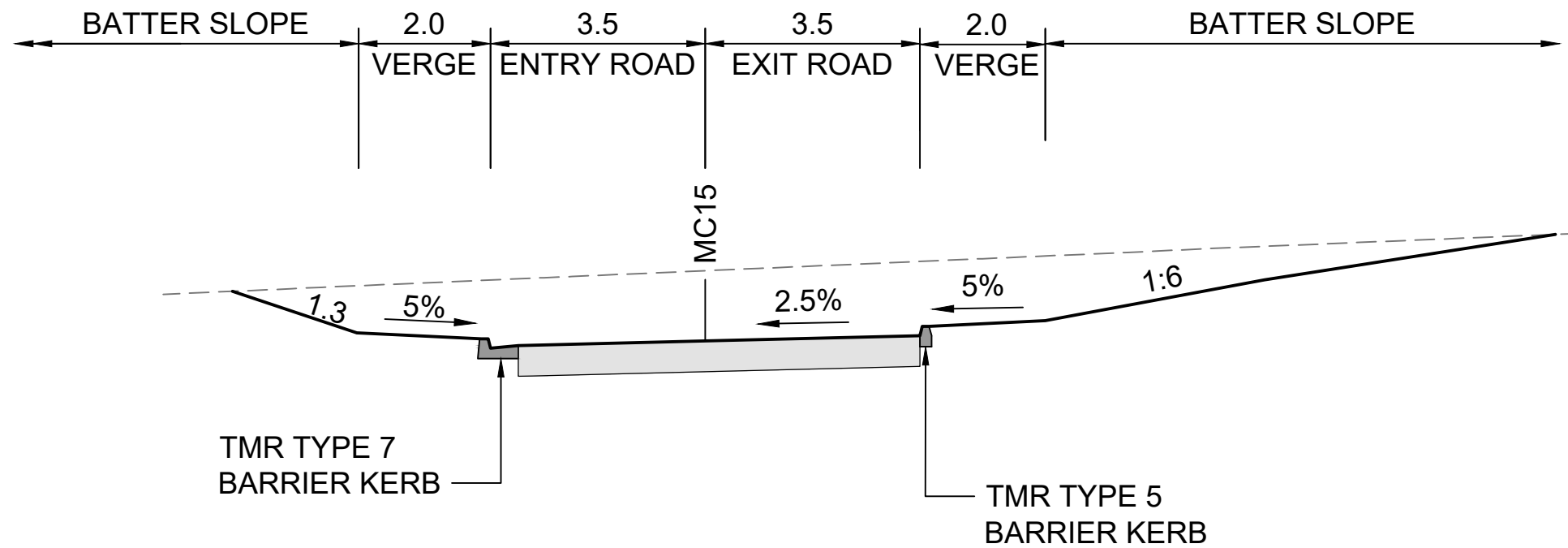
Drawing No

BERC-ARU-BNE-CICW-DRG-1245

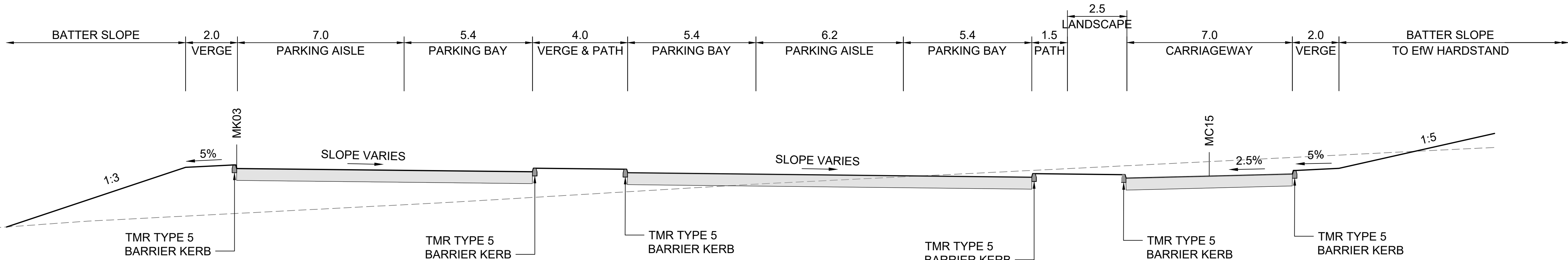
Issue

B

- NOTE
- FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
 - FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.

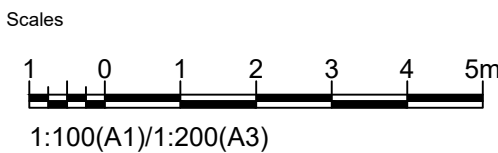


SECTION 2
SCALE 1:100
1021
CAR PARK AND IBA
ACCESS ROAD



SECTION 1
SCALE 1:100
1021
STAFF AND
VISITOR CAR PARK

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

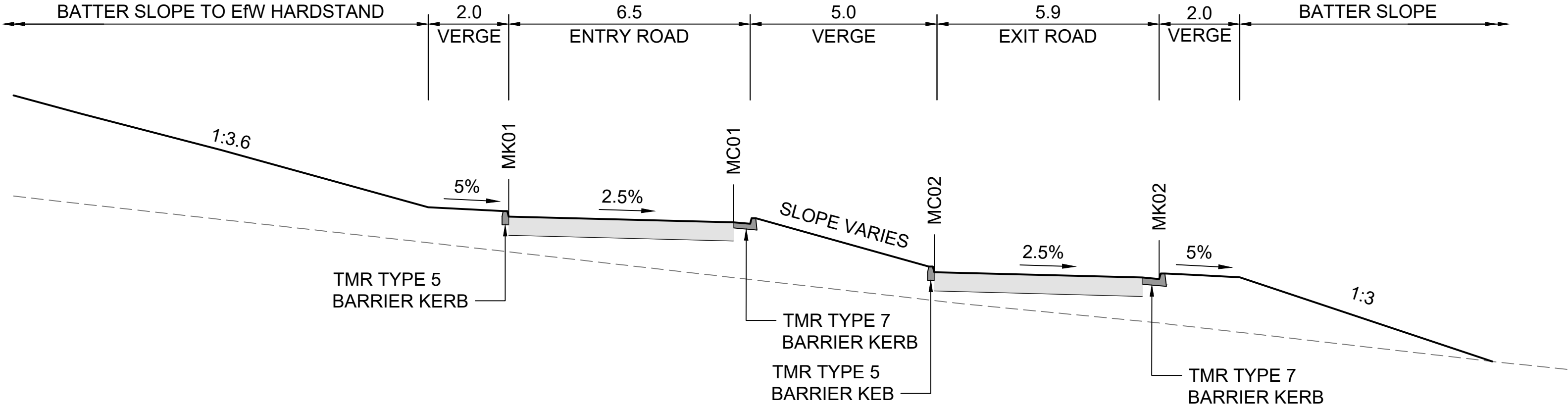
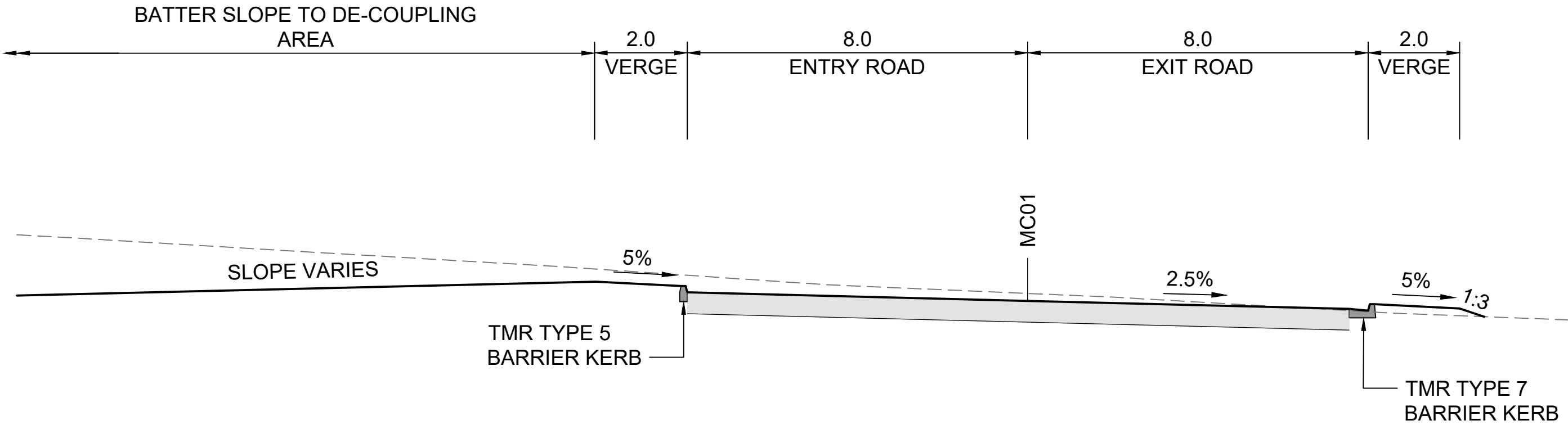
Client
CLEANAWAY
Making a sustainable future possible
Engineering Certification (CEng)
Name:
Signature: Date:

Job Title
BROMELTON ENERGY AND RESOURCES CENTRE
Scale at A1
1:100m
Discipline
CIVIL

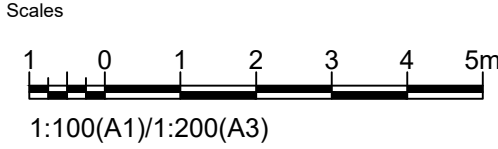
ARUP
Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com
CONSULT AUSTRALIA
Member Firm
Arup Pty Ltd
ABN 18 000 966 165

Drawing Title
**CIVIL WORKS
TYPICAL CROSS SECTIONS
SHEET 1**
Drawing Status
FOR APPROVAL
Job No
293683-00
Drawing No
BERC-ARU-BNE-CICW-DRG-1341
Issue
C

- NOTE**
- FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
 - FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.



NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY

Making a sustainable future possible

Engineering Certification (CEng)

Name: _____

Signature: _____ Date: _____

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1

1:100m

Discipline

CIVIL

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com



Drawing Title

**CIVIL WORKS
TYPICAL CROSS SECTIONS
SHEET 2**

Drawing Status

FOR APPROVAL

Job No

293683-00

Drawing No

BERC-ARU-BNE-CICW-DRG-1342

Issue

C

- NOTE
- FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
 - FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.

DATUM RL (m) 80.0

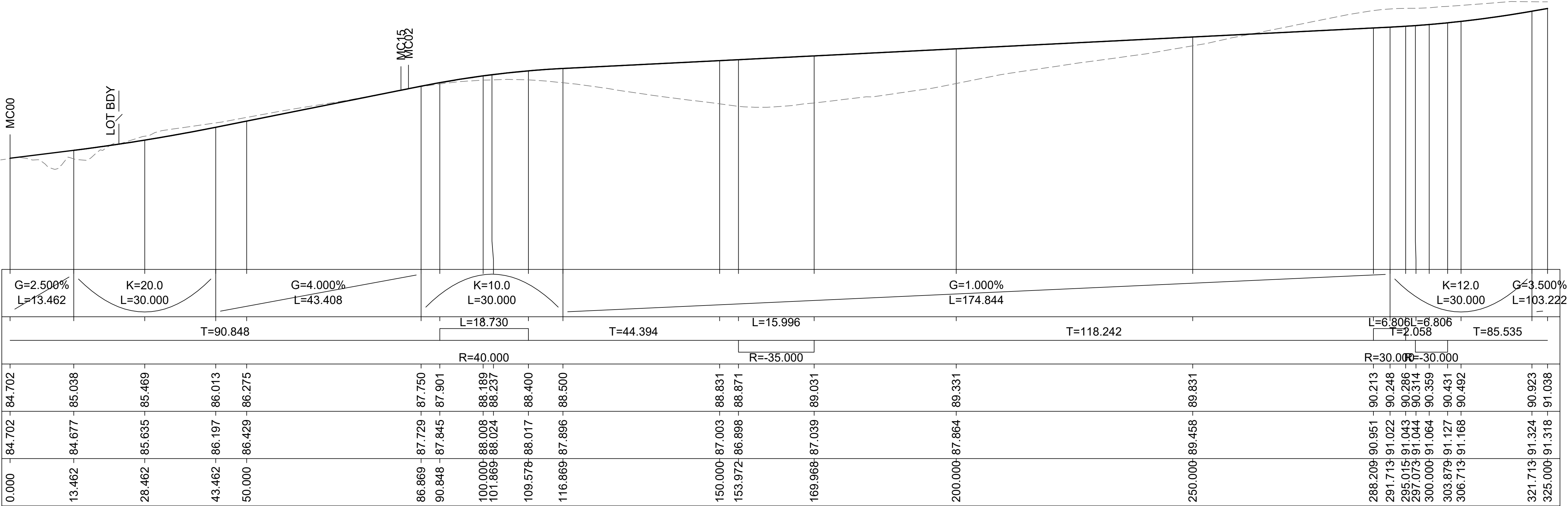
VERTICAL ALIGN.

HORIZONTAL ALIGN.

DESIGN LEVELS

EXISTING LEVELS

CHAINAGE

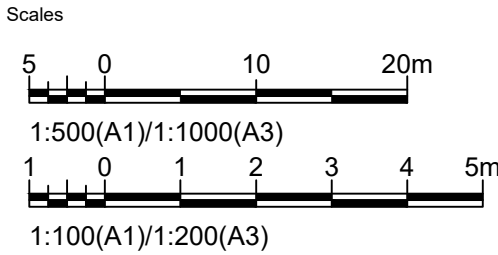


LONGITUDINAL SECTION OF MC01 CONTROL LINE

H 1:500

V 1:100

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY
Making a sustainable future possible

Engineering Certification (CEng)

Name: Date:

Signature: Date:

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1 AS SHOWN

Discipline

CIVIL

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com

CONSULT AUSTRALIA
Member Firm
Arup Pty Ltd
ABN 18 000 966 165

Drawing Title

**CIVIL WORKS
MC01 LONGITUDINAL SECTIONS
SHEET 1**

Drawing Status

FOR APPROVAL

Job No

293683-00

Drawing No

BERC-ARU-BNE-CICW-DRG-1351

Issue

C

- NOTE
- FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
 - FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.

DATUM RL (m) 86.0

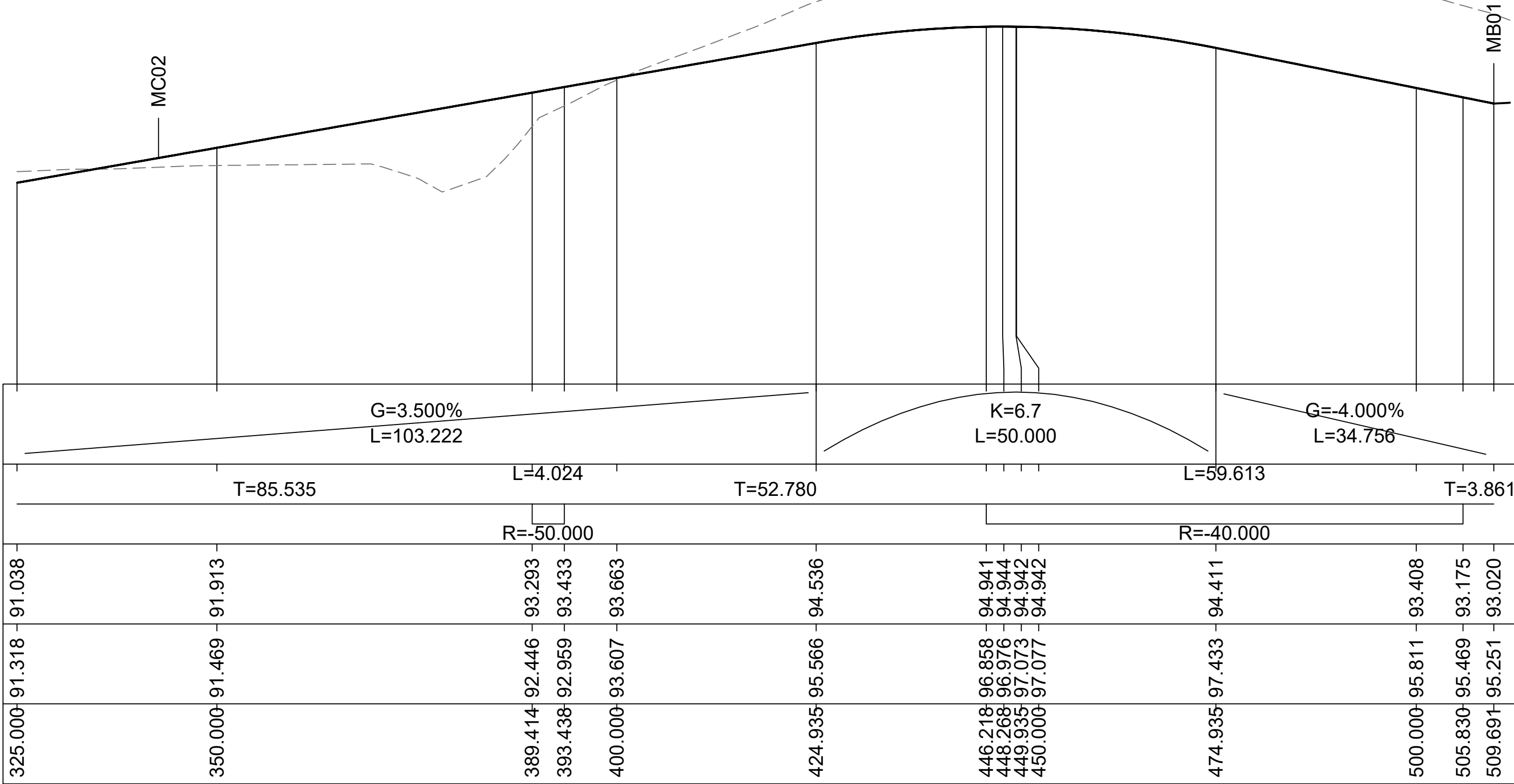
VERTICAL ALIGN.

HORIZONTAL ALIGN.

DESIGN LEVELS

EXISTING LEVELS

CHAINAGE

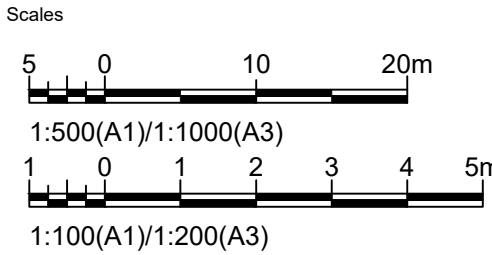


LONGITUDINAL SECTION OF MC01 CONTROL LINE

H 1:500

V 1:100

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY
Making a sustainable future possible

Engineering Certification (CEng)

Name: _____

Signature: _____ Date: _____

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1 AS SHOWN

Discipline CIVIL

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com

CONSULT AUSTRALIA
Member Firm
Arup Pty Ltd
ABN 18 000 966 165

Drawing Title

**CIVIL WORKS
MC01 LONGITUDINAL SECTIONS
SHEET 2**

Drawing Status

FOR APPROVAL

Job No **293683-00** Drawing No **BERC-ARU-BNE-CICW-DRG-1352** Issue **C**

NOTE

1. FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
2. FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.

DATUM RL (m) 81.0

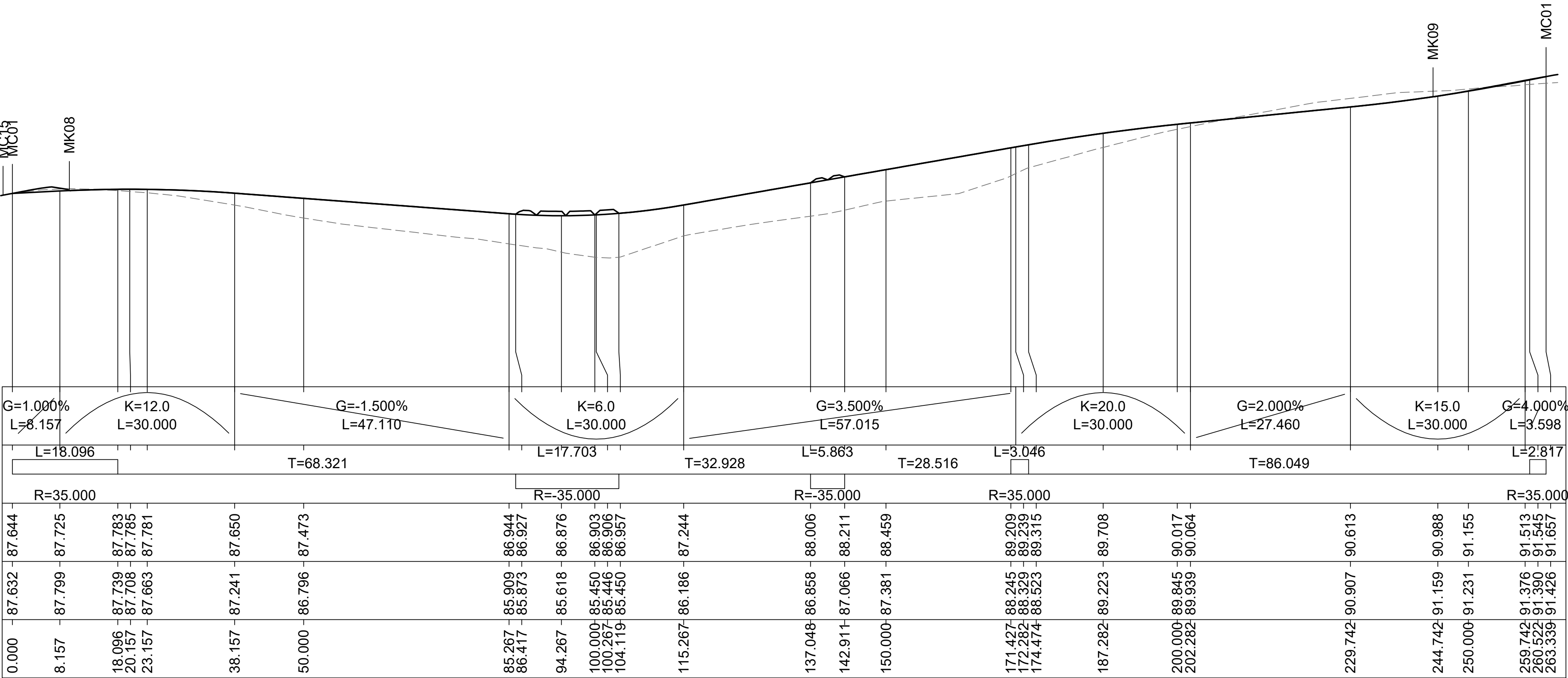
VERTICAL ALIGN.

HORIZONTAL ALIGN.

DESIGN LEVELS

EXISTING LEVELS

CHAINAGE

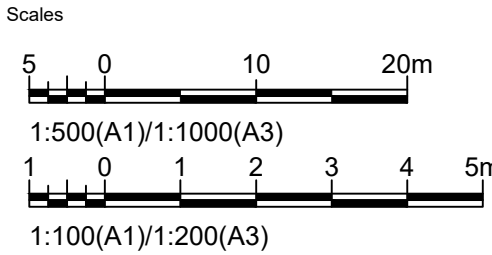


LONGITUDINAL SECTION OF MC02 CONTROL LINE

H 1:500

V 1:100

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY
Making a sustainable future possible

Engineering Certification (CEng)

Name: _____ Date: _____

Signature: _____

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1 AS SHOWN

Discipline

CIVIL

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com

Member Firm
Arup Pty Ltd
ABN 18 000 966 165

Drawing Title

**CIVIL WORKS
MC02 LONGITUDINAL SECTIONS**

Drawing Status

FOR APPROVAL

Job No

293683-00

Drawing No

BERC-ARU-BNE-CICW-DRG-1353

Issue

C

NOTE

1. FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
2. FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.

DATUM RL (m) 75.0

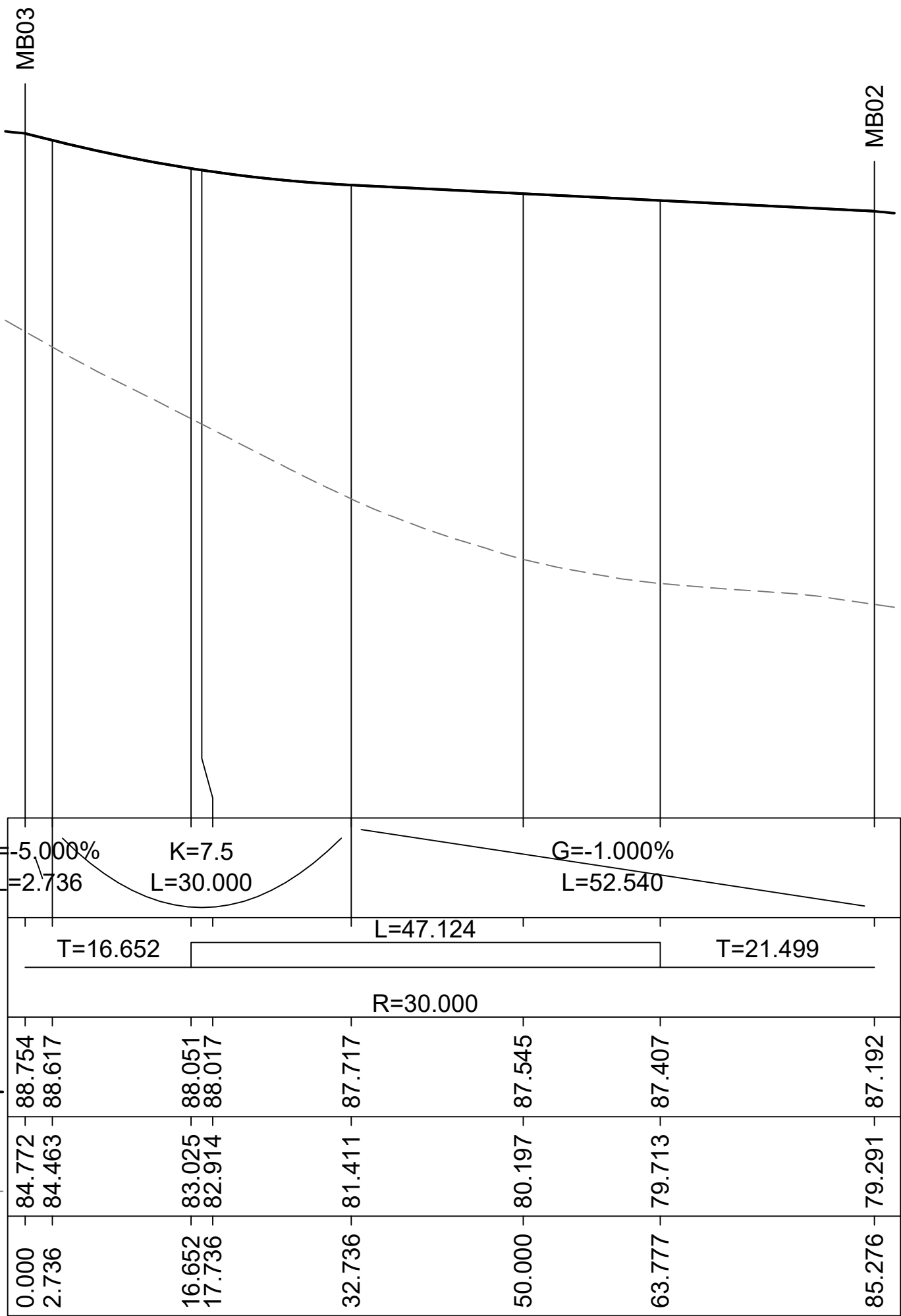
VERTICAL ALIGN.

HORIZONTAL ALIGN.

DESIGN LEVELS

EXISTING LEVELS

CHAINAGE

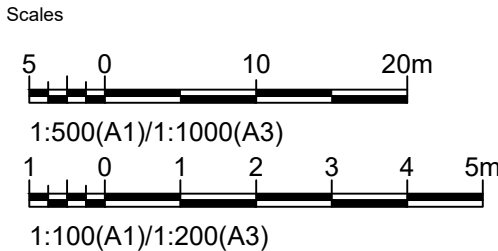


LONGITUDINAL SECTION OF MC13 CONTROL LINE

H 1:500

V 1:100

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client



Engineering Certification (CEng)

Name:

Signature: Date:

Job Title

BROMELTON ENERGY AND
RESOURCES CENTRE

Scale at A1

AS SHOWN

Discipline

CIVIL

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com



Drawing Title

CIVIL WORKS
MC13 LONGITUDINAL SECTIONS

Drawing Status

FOR APPROVAL

Job No

293683-00

Drawing No

BERC-ARU-BNE-CICW-DRG-1354

Issue

C

NOTE

1. FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
2. FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.

DATUM RL (m) 79.0

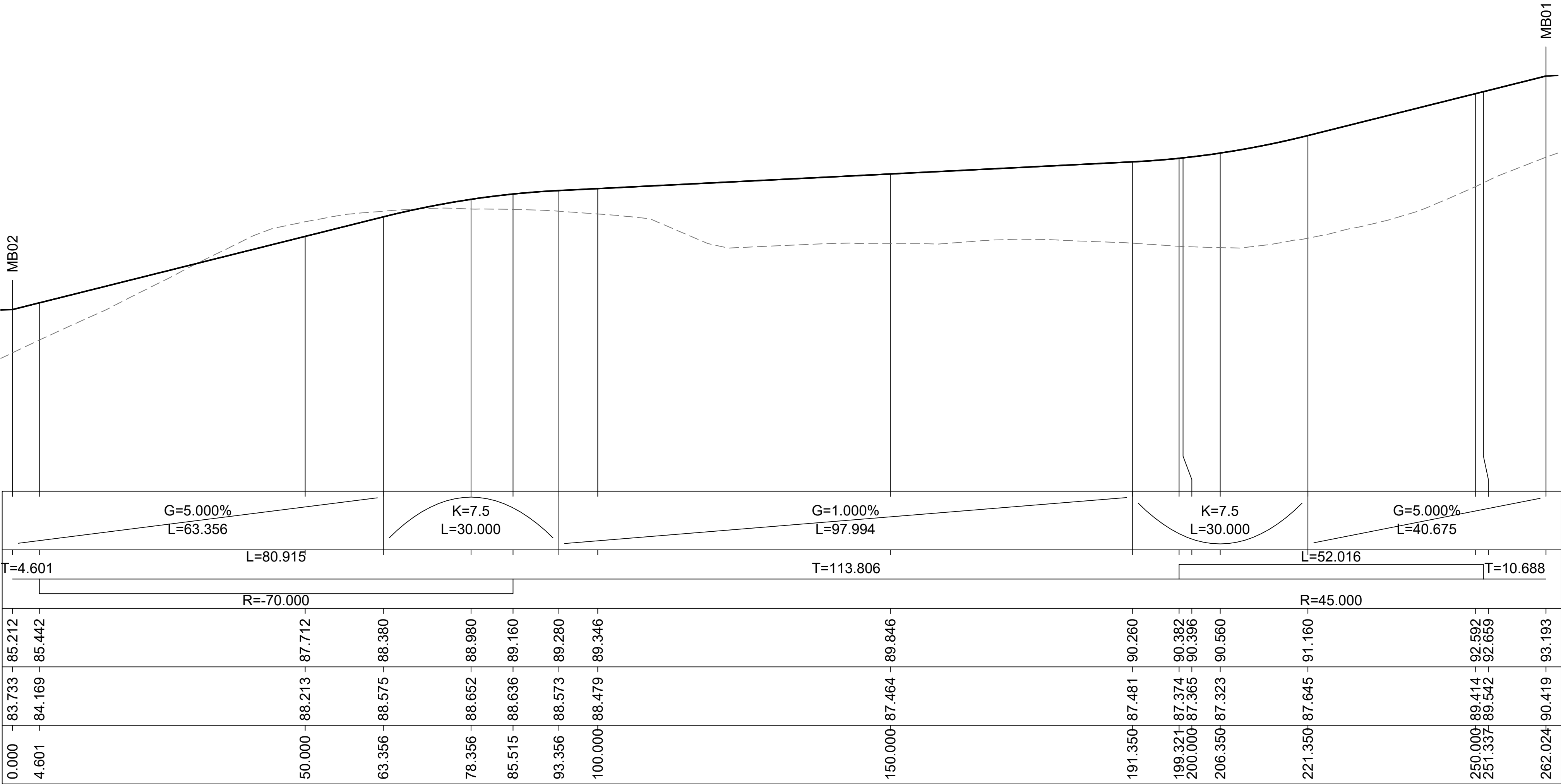
VERTICAL ALIGN.

HORIZONTAL ALIGN.

DESIGN LEVELS

EXISTING LEVELS

CHAINAGE

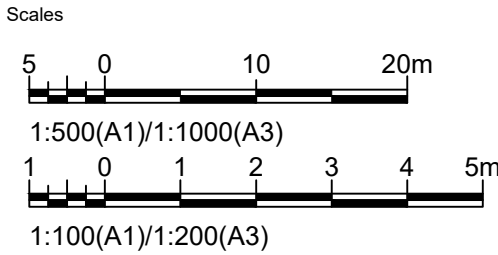


LONGITUDINAL SECTION OF MC14 CONTROL LINE

H 1:500

V 1:100

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

C	16.01.26	PDA	ERA	EGM
ISSUE FOR APPROVAL				
B	26.09.25	PDA	ERA	EGM
ISSUED FOR ADEQUACY REVIEW				
A	18.08.25	PDA	ERA	EGM
DRAFT FEED ISSUE				
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY
Making a sustainable future possible

Engineering Certification (CEng)

Name: _____ Date: _____

Signature: _____

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1 AS SHOWN

Discipline

CIVIL

ARUP

Arup, Level 5, 151 Clarence St
Sydney, NSW, 2000
Tel +61 (02) 9320 9320 Fax +61 (02) 9320 9321
www.arup.com

CONSULT AUSTRALIA
Member Firm
Arup Pty Ltd
ABN 18 000 966 165

Drawing Title

**CIVIL WORKS
MC14 LONGITUDINAL SECTIONS**

Drawing Status

FOR APPROVAL

Job No **293683-00** Drawing No **BERC-ARU-BNE-CICW-DRG-1355** Issue **C**