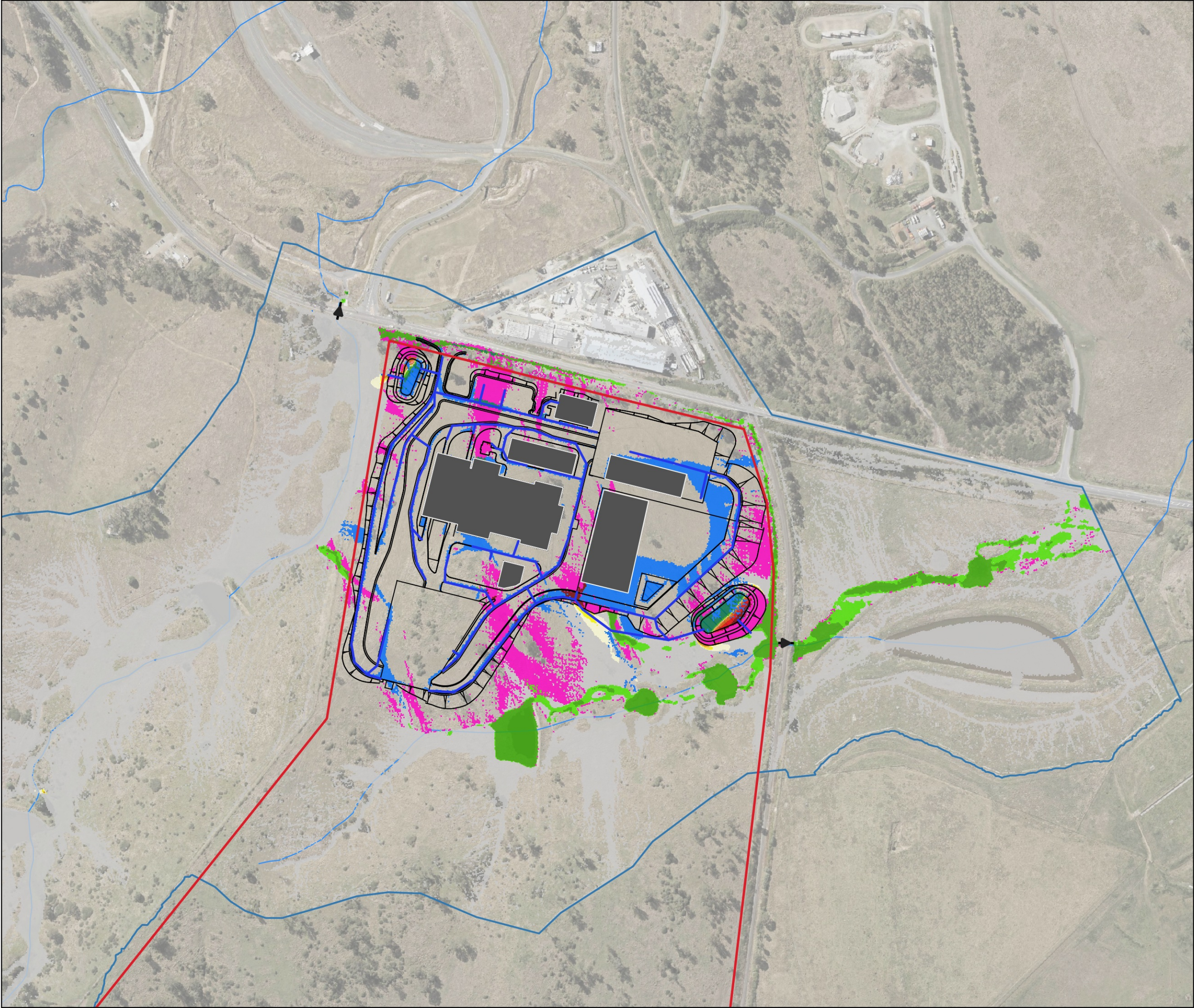




Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Depth Difference (m)

Was Wet, Now Dry

< - 0.1

-0.5 to -0.02

-0.02 to -0.01

-0.01 to 0.01

0.01 to 0.02

0.02 to 0.03

0.02 to 0.04

0.04 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.25

0.25 to 0.5

> 0.5

Was Dry, Now Wet

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd

0

90

180

270 m

ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

Figure Title

Design Case: 20% AEP Flood Depth Impacts

Scale at A3
1:5000

Map Projection
GDA2020/MGA Zone 56
EPSG:7856

Job No
293683-00

Drawing Status
For Information

Map No
FIG37

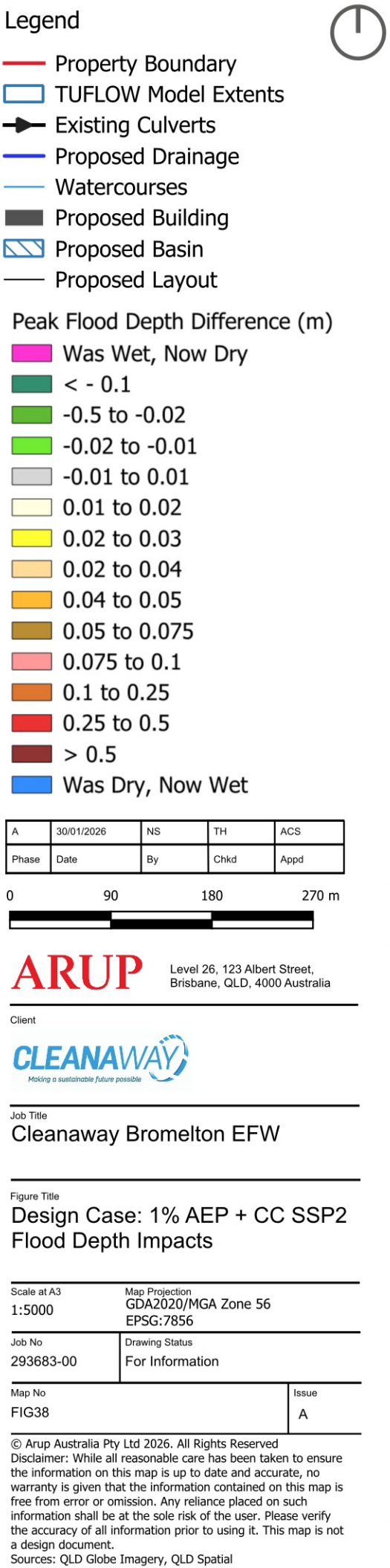
Issue
A

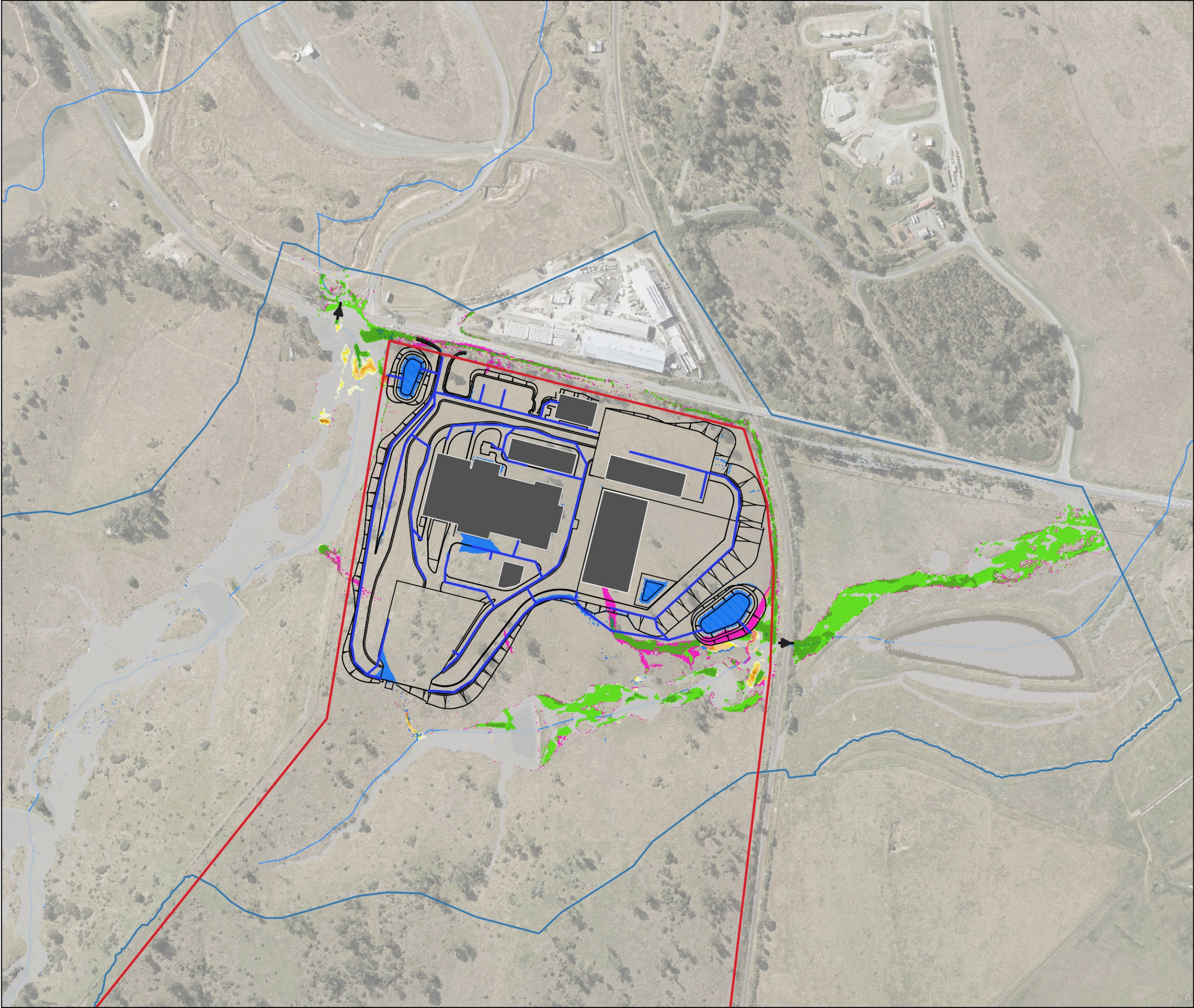
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Sources: QLD Globe Imagery, QLD Spatial

J:\293000\293683-00 Cleanaway Bromelton EfW\Work\Internal\Flooding\Map Page Size: A3 | 2026-01-30T16:19:29.770 | © Arup





Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Velocity Difference (m/s)

Was Wet, Now Dry

< - 0.5

-0.1 to -0.05

-0.05 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.15

0.15 to 0.2

0.2 to 0.25

0.25 to 0.5

0.5 to 1

1 to 1.5

1.5 to 2

> 2

Was Dry, Now Wet

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd



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Level 26, 123 Albert Street,
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Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

Figure Title

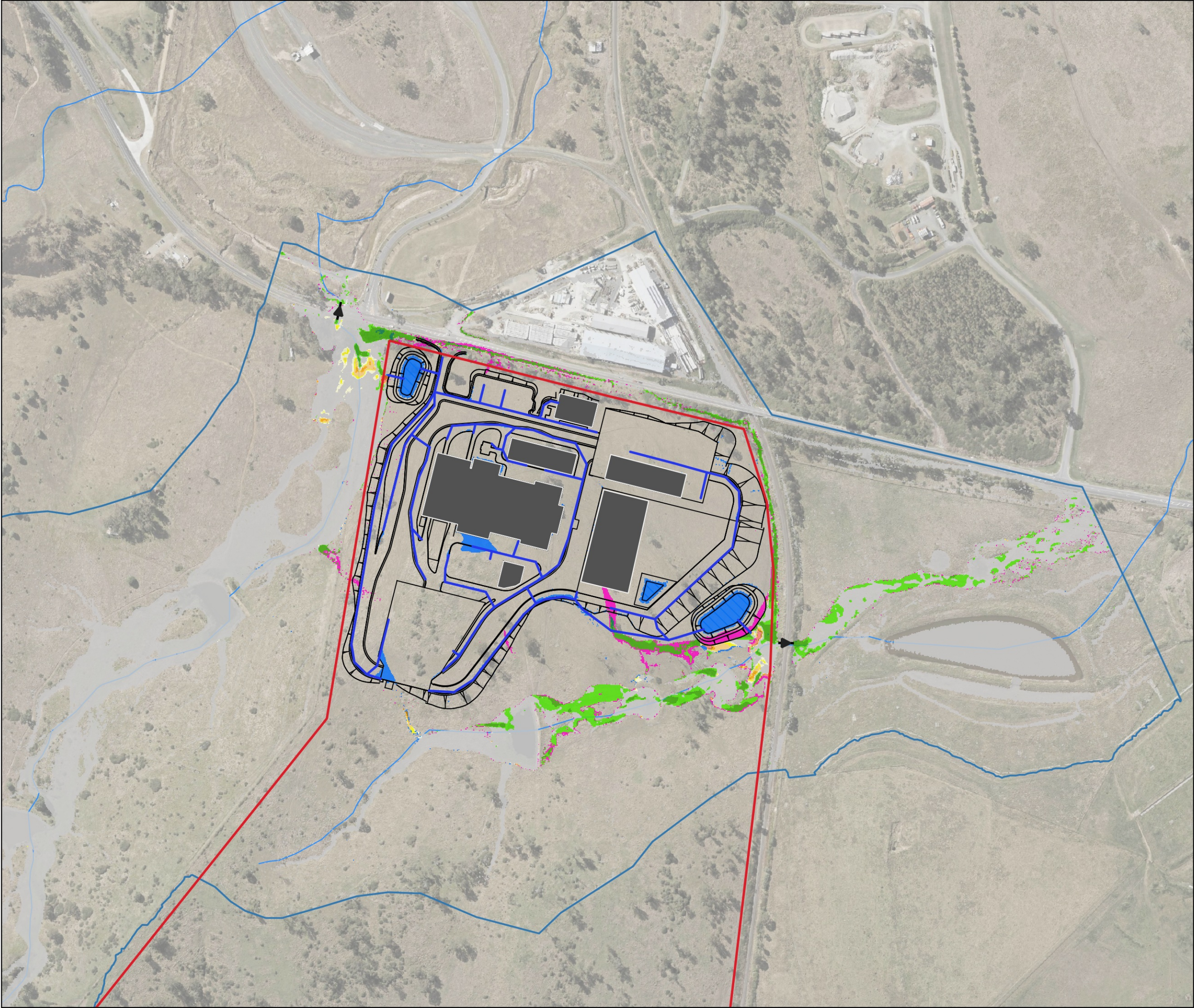
Design Case: 1% AEP Flood Velocity Afflux

Scale at A3 1:5000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
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Job No 293683-00	Drawing Status For Information
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Map No FIG39	Issue A
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Sources: QLD Globe Imagery, QLD Spatial



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Velocity Difference (m/s)

Was Wet, Now Dry

< - 0.5

-0.1 to -0.05

-0.05 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.15

0.15 to 0.2

0.2 to 0.25

0.25 to 0.5

0.5 to 1

1 to 1.5

1.5 to 2

> 2

Was Dry, Now Wet

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd

0

90

180

270 m

ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

Figure Title

Design Case: 2% AEP Flood Velocity Afflux

Scale at A3
1:5000

Map Projection
GDA2020/MGA Zone 56
EPSG:7856

Job No
293683-00

Drawing Status
For Information

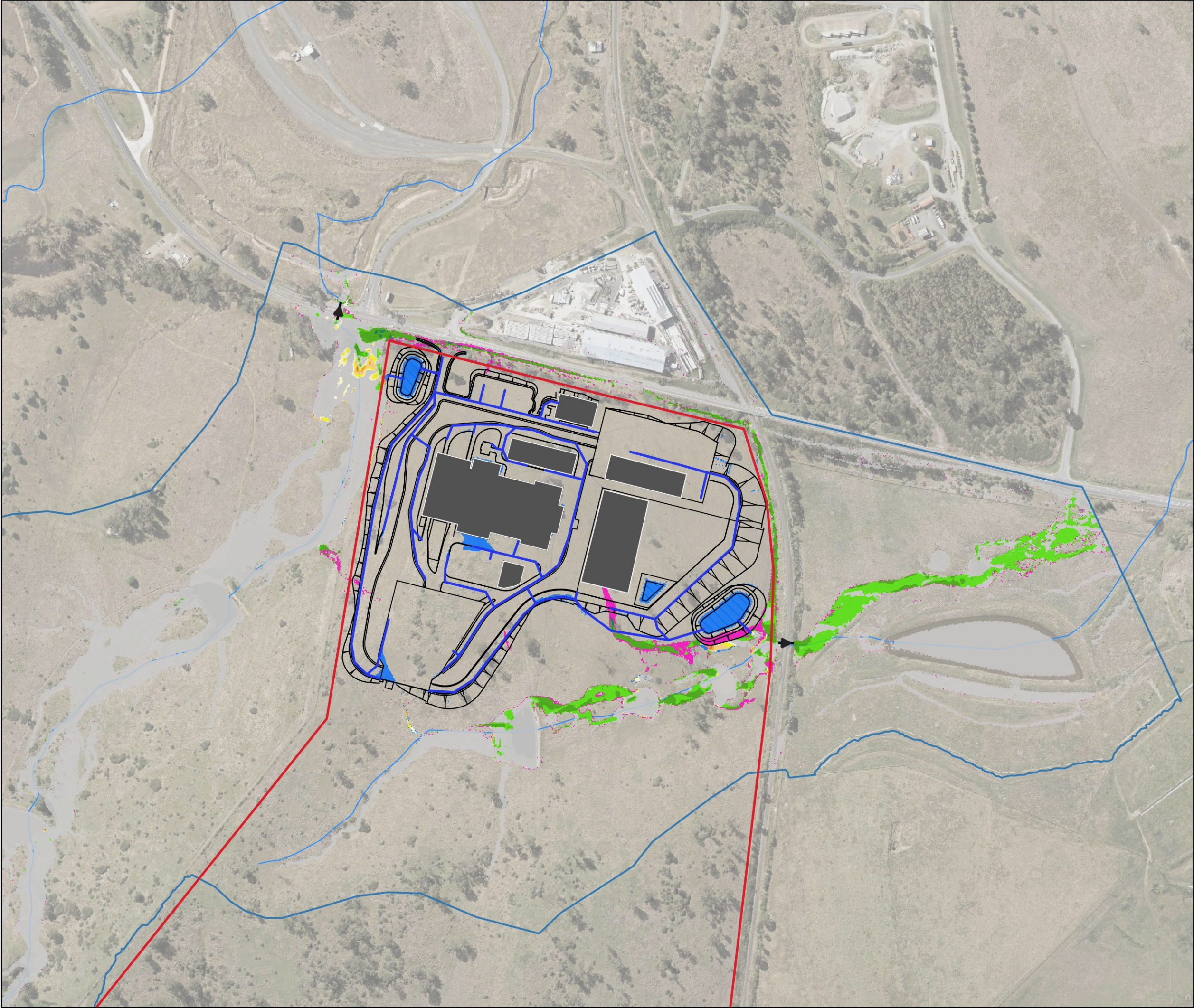
Map No
FIG40

Issue
A

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Sources: QLD Globe Imagery, QLD Spatial



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Velocity Difference (m/s)

Was Wet, Now Dry

< - 0.5

-0.1 to -0.05

-0.05 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.15

0.15 to 0.2

0.2 to 0.25

0.25 to 0.5

0.5 to 1

1 to 1.5

1.5 to 2

> 2

Was Dry, Now Wet

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd

0

90

180

270 m

ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

Figure Title

Design Case: 5% AEP Flood Velocity
Afflux

Scale at A3
1:5000

Map Projection
GDA2020/MGA Zone 56
EPSG:7856

Job No
293683-00

Drawing Status
For Information

Map No
FIG41

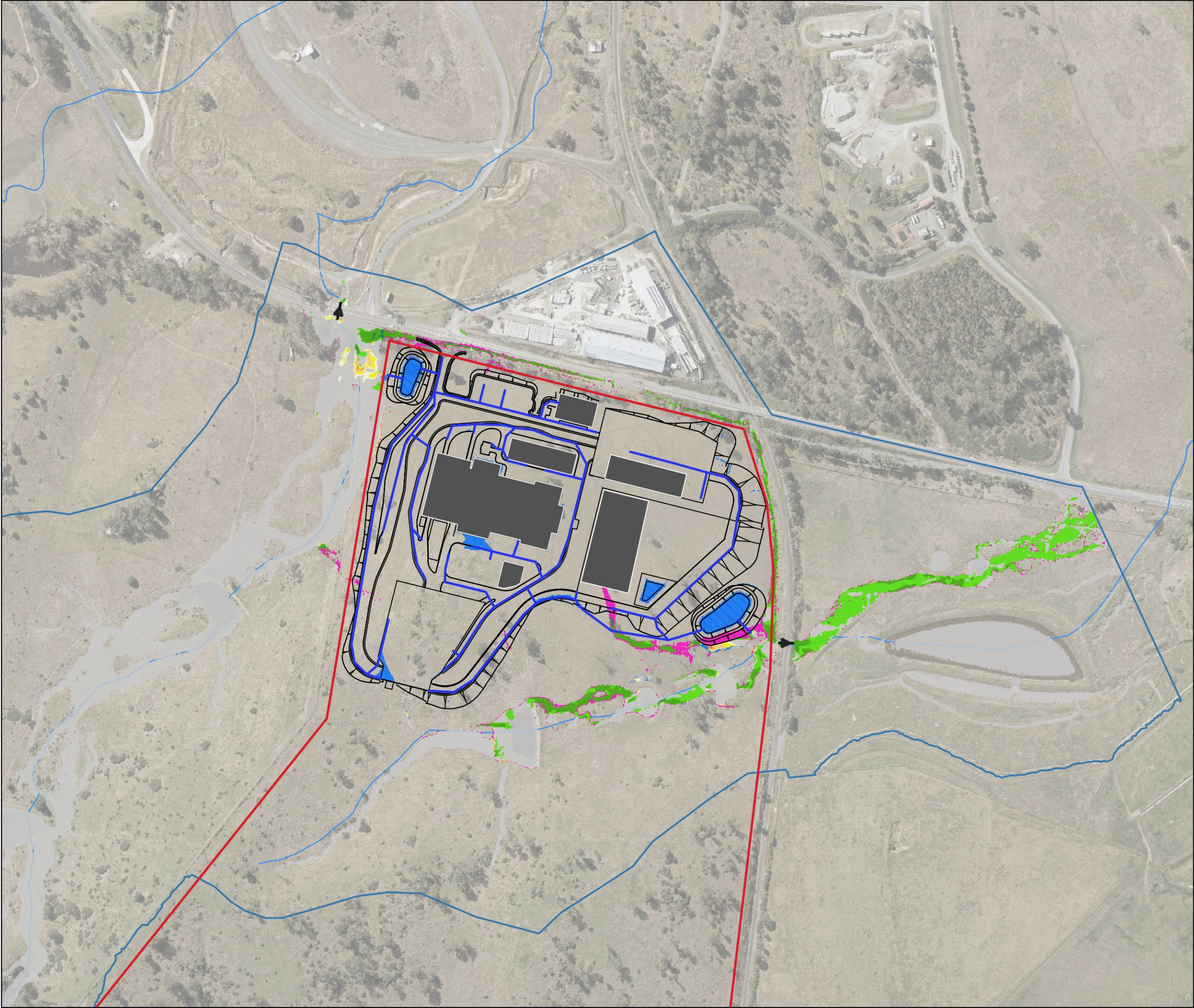
Issue
A

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Sources: QLD Globe Imagery, QLD Spatial

J:\293000\293683-00 Cleanaway Bromelton EfW\Work\Internal\Flooding\Map Page Size: A3 | 2026-01-30T16:19:37.506 | © Arup



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Velocity Difference (m/s)

Was Wet, Now Dry

< - 0.5

-0.1 to -0.05

-0.05 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.15

0.15 to 0.2

0.2 to 0.25

0.25 to 0.5

0.5 to 1

1 to 1.5

1.5 to 2

> 2

Was Dry, Now Wet

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd



ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

Figure Title

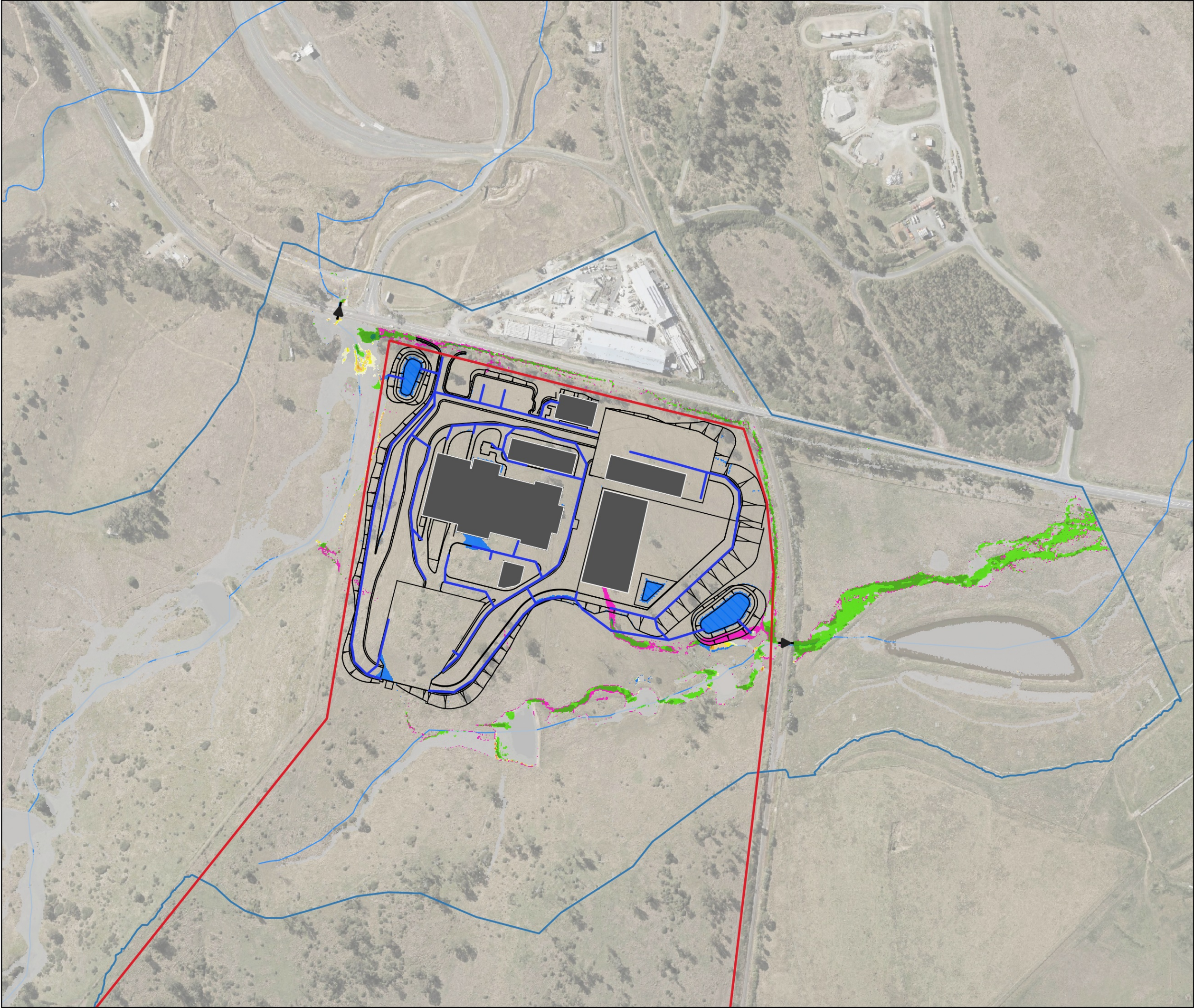
Design Case: 10% AEP Flood Velocity Afflux

Scale at A3 1:5000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
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Job No 293683-00	Drawing Status For Information
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Map No FIG42	Issue A
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Sources: QLD Globe Imagery, QLD Spatial



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Velocity Difference (m/s)

Was Wet, Now Dry

< - 0.5

-0.1 to -0.05

-0.05 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.15

0.15 to 0.2

0.2 to 0.25

0.25 to 0.5

0.5 to 1

1 to 1.5

1.5 to 2

> 2

Was Dry, Now Wet

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd



ARUP Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title
Cleanaway Bromelton EFW

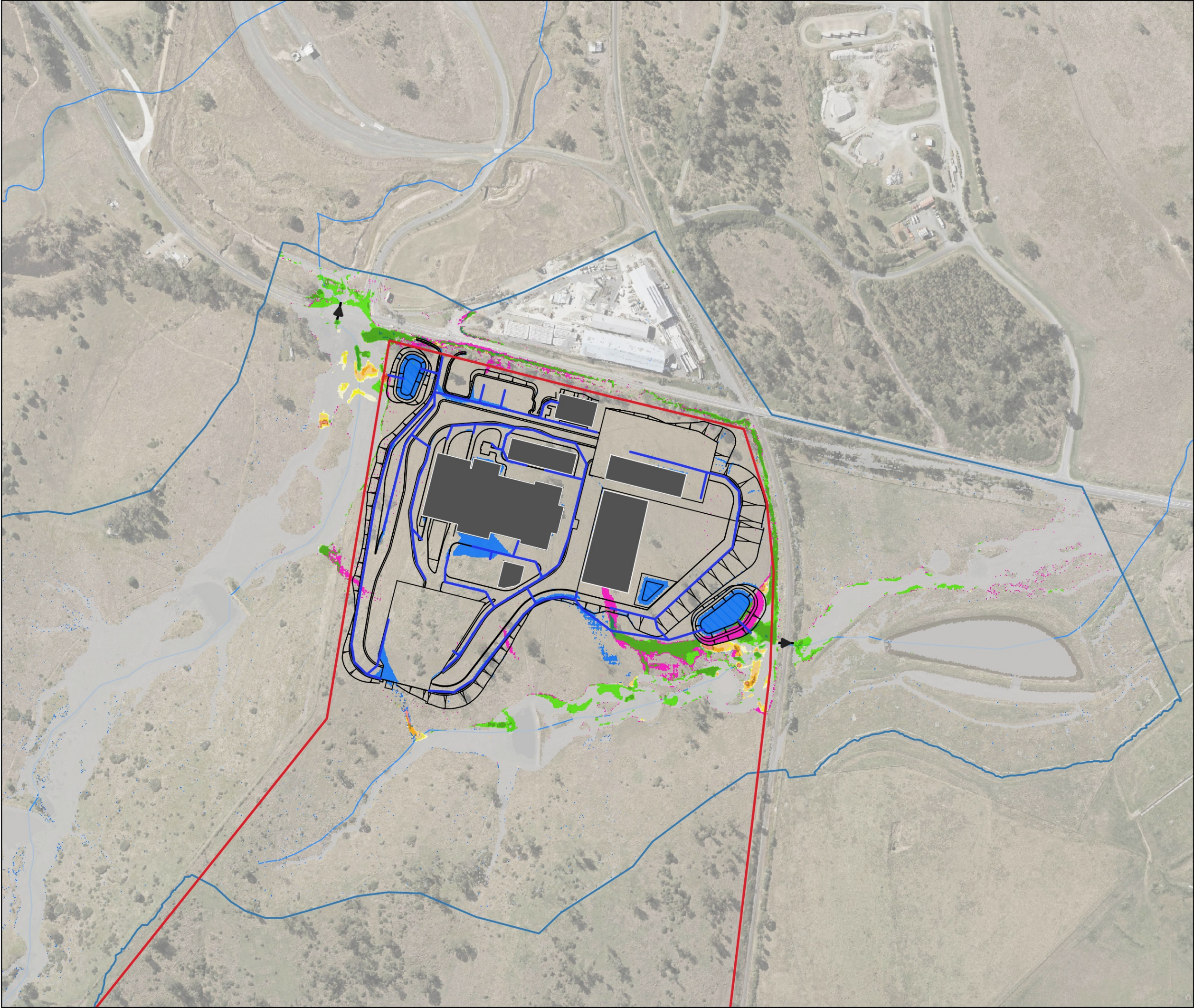
Figure Title
Design Case: 20% AEP Flood Velocity
Afflux

Scale at A3 1:5000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
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Job No 293683-00	Drawing Status For Information
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Map No FIG43	Issue A
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Sources: QLD Globe Imagery, QLD Spatial



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Velocity Difference (m/s)

Was Wet, Now Dry

< - 0.5

-0.1 to -0.05

-0.05 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.15

0.15 to 0.2

0.2 to 0.25

0.25 to 0.5

0.5 to 1

1 to 1.5

1.5 to 2

> 2

Was Dry, Now Wet

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd



ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

Figure Title

Design Case: 1% AEP + CC SSP2
Flood Velocity Afflux

Scale at A3 1:5000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
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Job No 293683-00	Drawing Status For Information
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Map No FIG44	Issue A
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Sources: QLD Globe Imagery, QLD Spatial

Appendix G – Logan River Regional Flood Map

This map is for general land use and disaster management planning purposes only

The extent of flooding shown on this map is applicable for the specified gauge height at the referenced gauge only. The extent of flooding has been estimated based on hydraulic models prepared for Scenic Rim Regional Council and documented in the report "Logan River Flood Study Update".

Refer to the "uncertainty comments" in the accompanying report entitled "Queensland Flood Mapping Phase 3b - Logan River Flood Mapping" by Aurecon, November 2014.

The flooding shown on this map represents the influence of the Logan River system only. The effects of local overland flows are not presented.

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Queensland Government



Australian Government
Attorney-General's Department

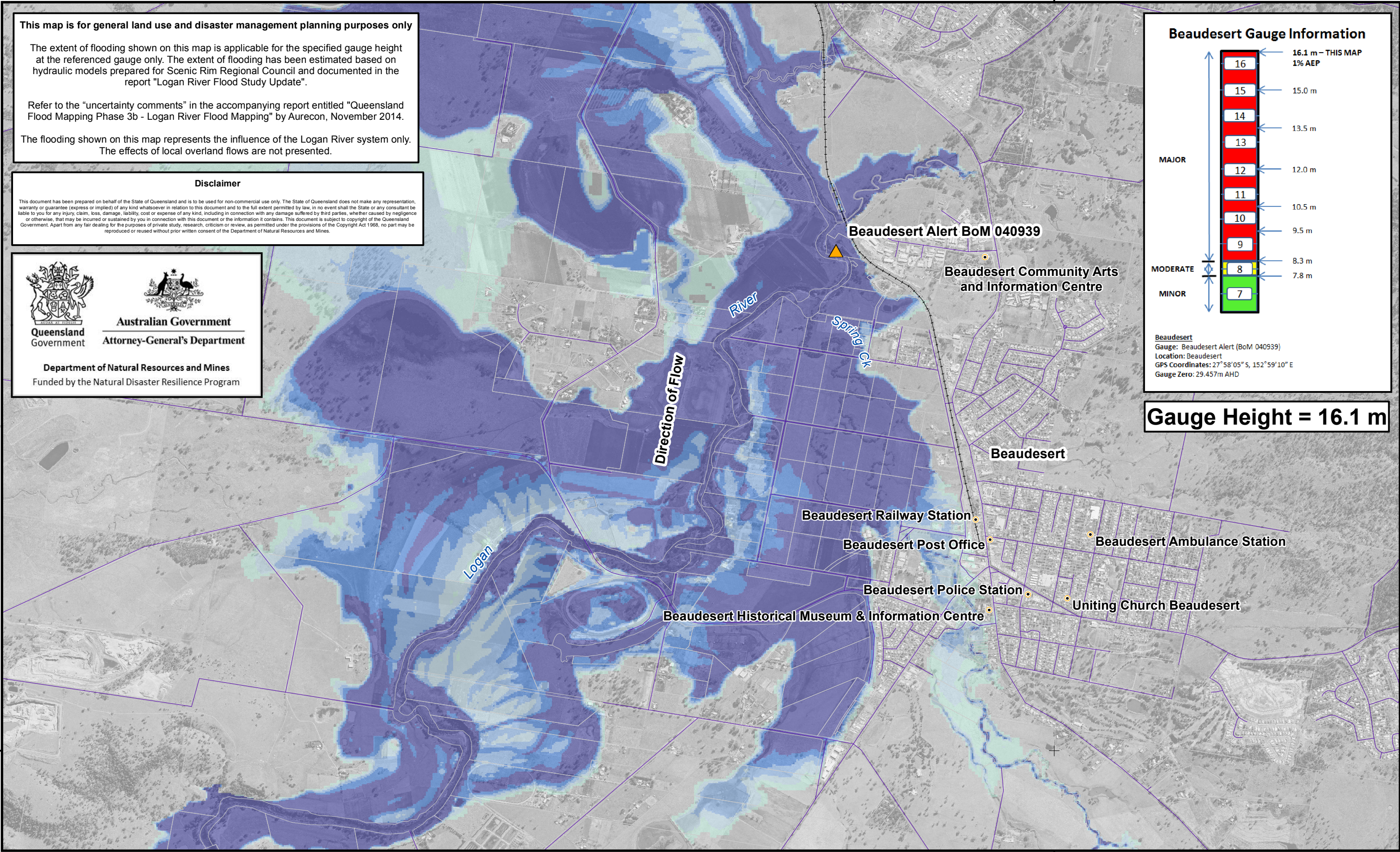
Department of Natural Resources and Mines
Funded by the Natural Disaster Resilience Program

Beaudesert Gauge Information

MAJOR	16	16.1 m – THIS MAP 1% AEP
	15	15.0 m
	14	13.5 m
	13	12.0 m
	12	10.5 m
	11	9.5 m
MODERATE	10	8.3 m
	9	7.8 m
MINOR	8	
	7	

Beaudesert
Gauge: Beaudesert Alert (BoM 040939)
Location: Beaudesert
GPS Coordinates: 27° 58' 05" S, 152° 59' 10" E
Gauge Zero: 29.457m AHD

Gauge Height = 16.1 m



● Points of interest

— Roads

— Rail

▲ BoM gauging station

▲ NRM gauging station

□ Cadastre

Flood Depth (m)

0.0 - 0.5	0.5 - 1.0
1.0 - 1.5	1.5 - 2.0
> 2.0	

Local Authority: Scenic Rim Regional Council
Locality: Beaudesert
Datum: Australian Height Datum (AHD)
Projection: Geocentric Datum of Australia 1994 (GDA94)

Department of Natural Resources and Mines
13 QGOV (13 74 68)
www.dnrm.qld.gov.au





0 250 500 750 1000 1250

Metres

Scale at A3 - 1:25,000

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Beaudesert
Gauge Height Mapping
Flood Depth Map
16.1m at BoM Gauge
Beaudesert Alert 040939
(i.e. 45.552 m AHD)

BEA-15

13/01/2015

Appendix B – Concept Civil Design Drawings

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

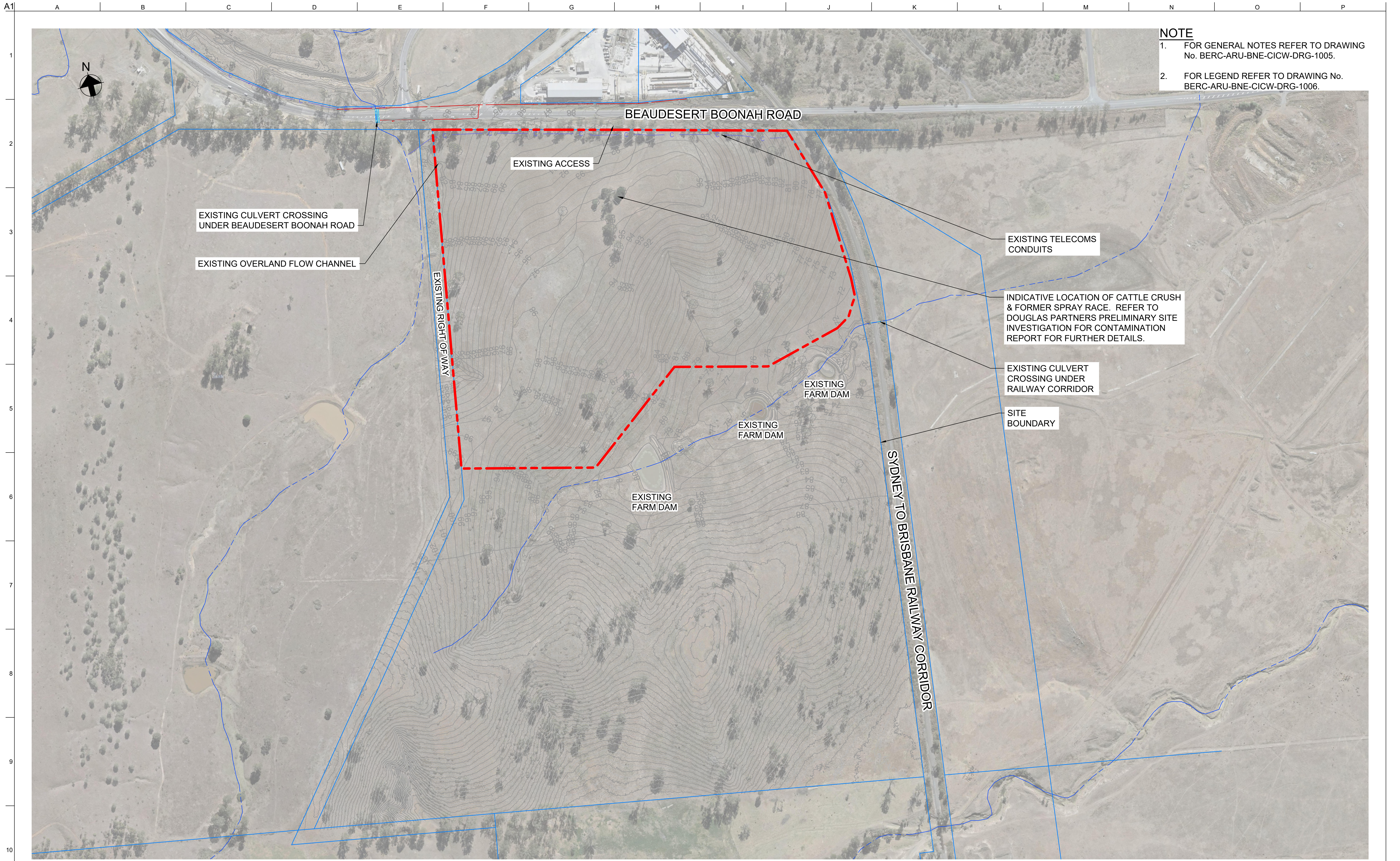
Issue

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																

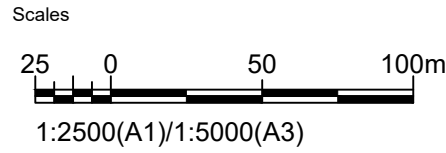
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- NOTE**
- 1. FOR GENERAL NOTES REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1005.
 - 2. FOR LEGEND REFER TO DRAWING No. BERC-ARU-BNE-CICW-DRG-1006.

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**

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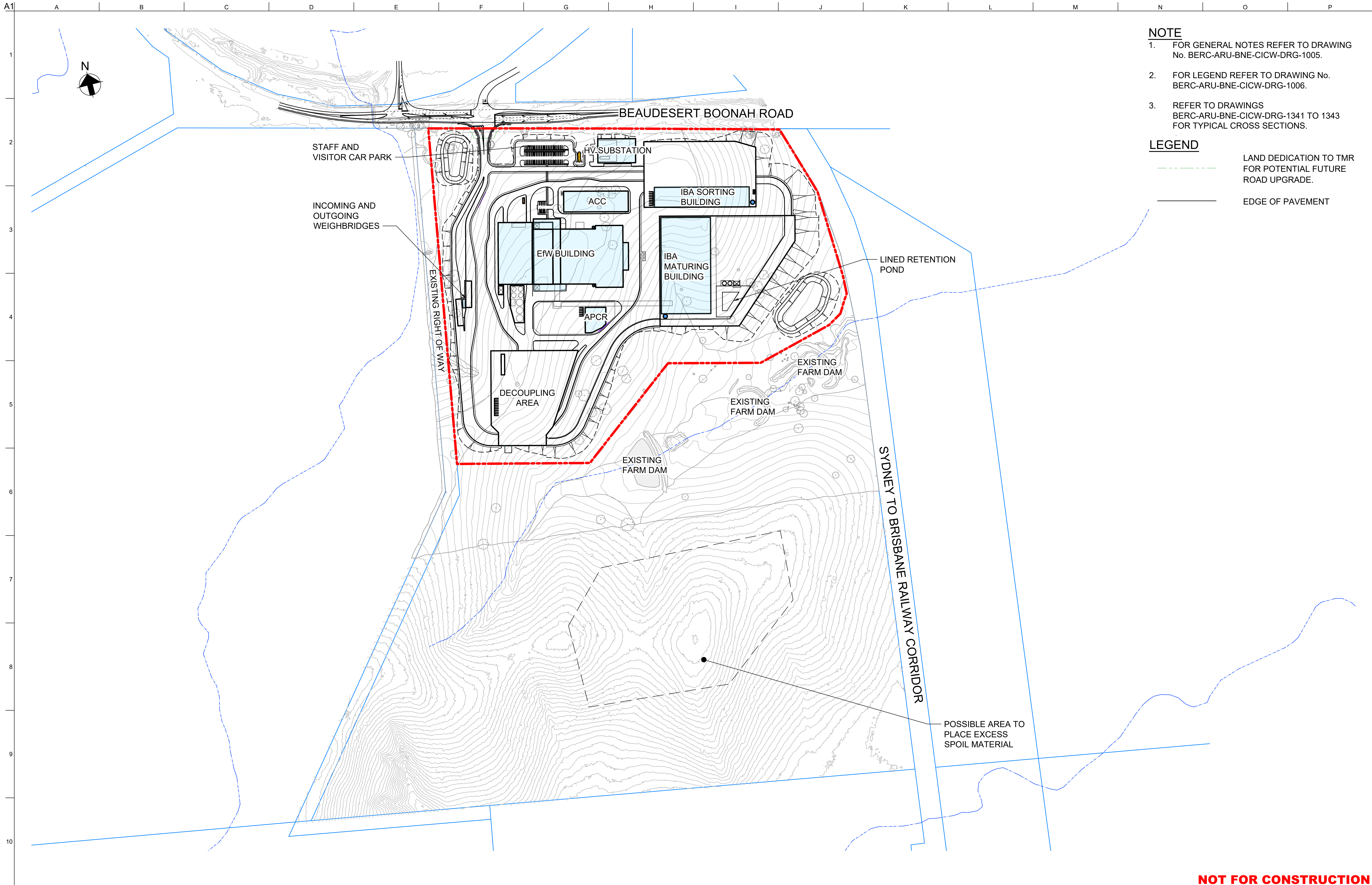
Drawing Title

EXISTING SITE PLAN

Drawing Status

FOR APPROVAL

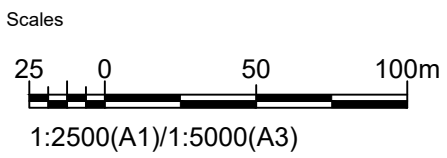
Job No	Drawing No	Issue
293683-00	BERC-ARU-BNE-CICW-DRG-1010	C



- 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.
 - 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	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: Date:

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1 1:2500m

Discipline **CIVIL**

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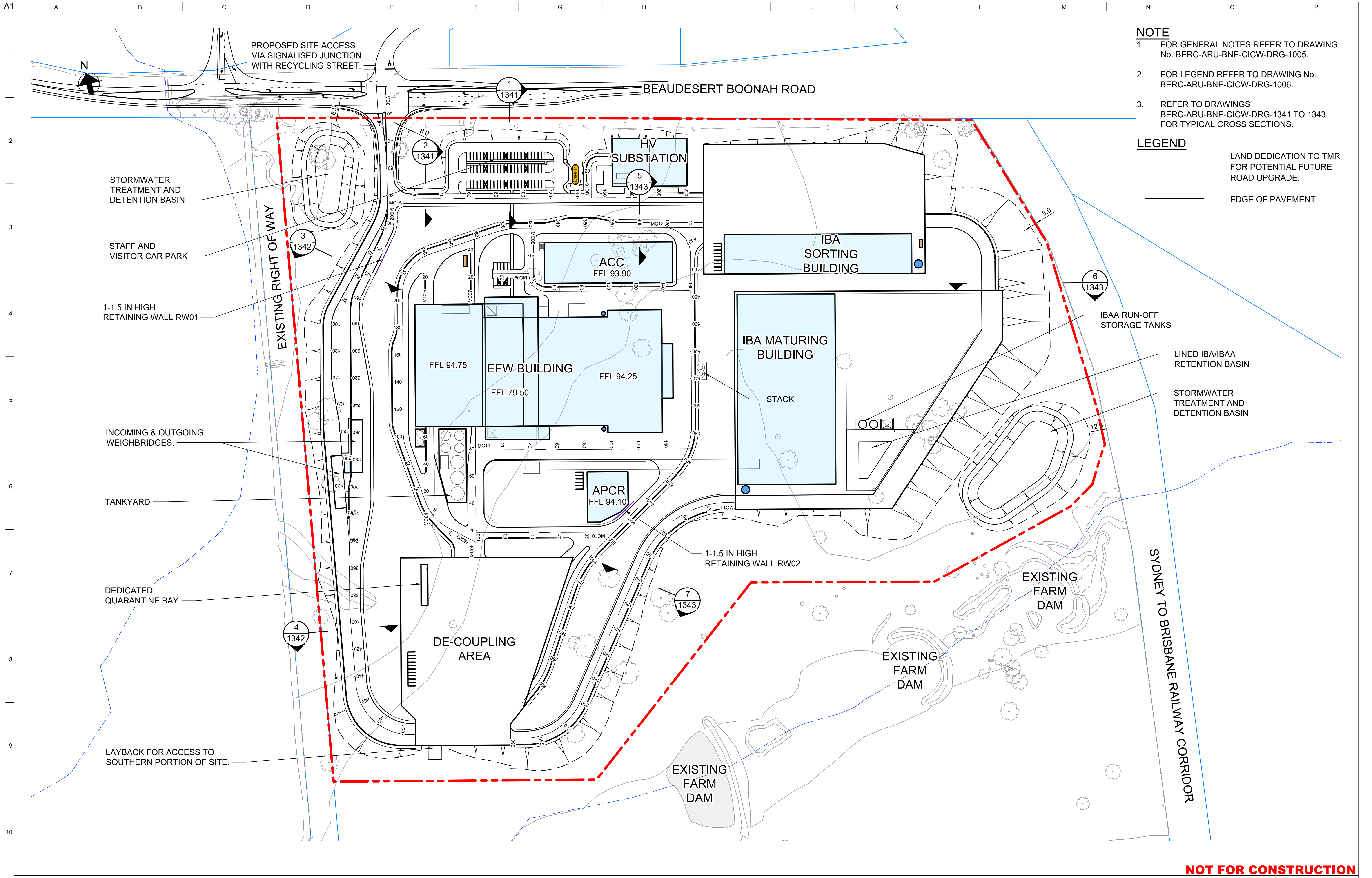
Drawing Title

PROPOSED SITE PLAN

Drawing Status

FOR APPROVAL

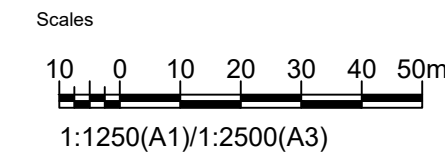
Job No	Drawing No	Issue
293683-00	BERC-ARU-BNE-CICW-DRG-1020	E



- 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.
 - 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
Holding is 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

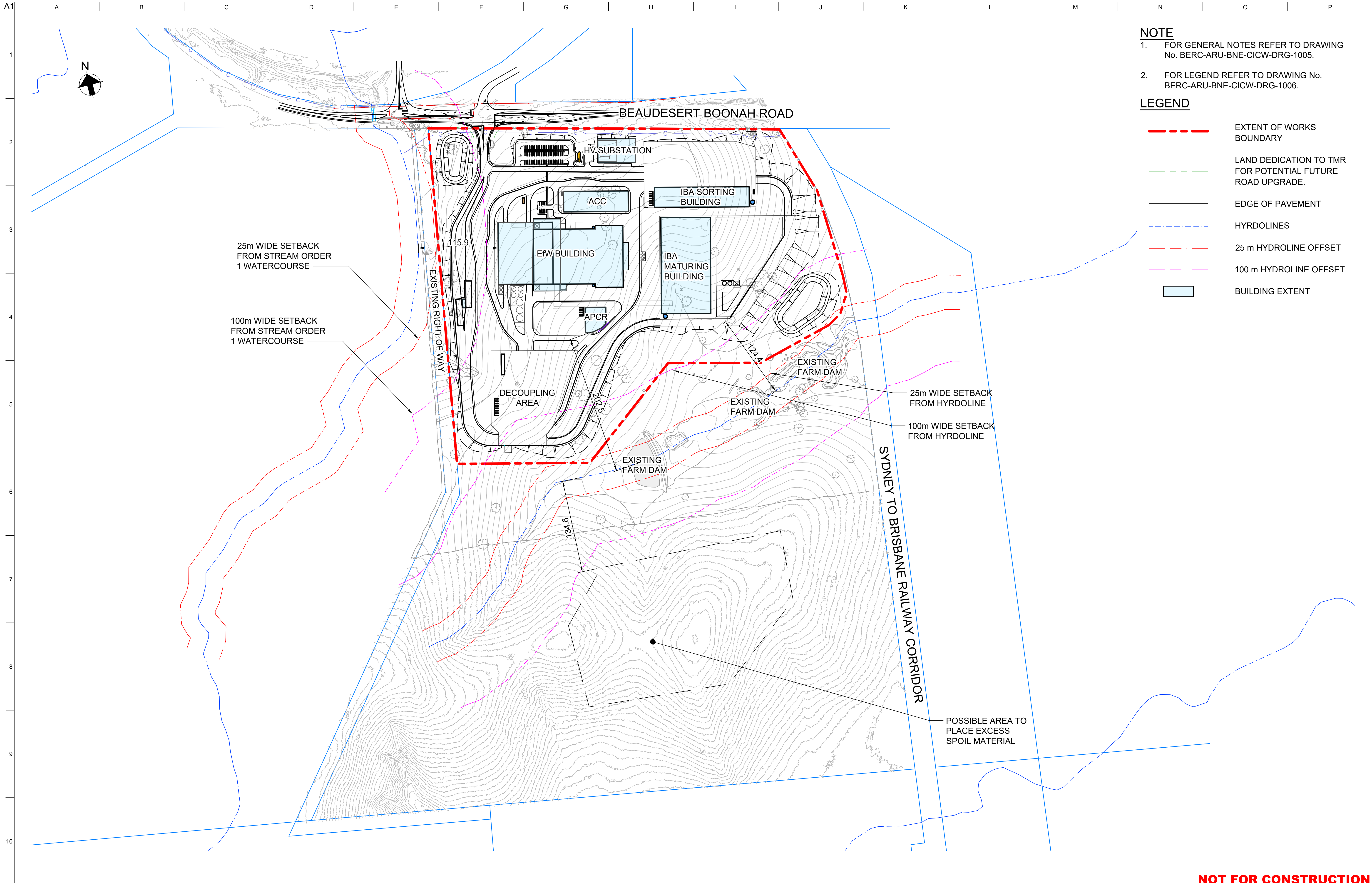
Drawing Title
PROPOSED SITE PLAN - DEVELOPMENT FOOTPRINT

Drawing Status
FOR APPROVAL

Job No
293683-00

Drawing No
BERC-ARU-BNE-CICW-DRG-1021

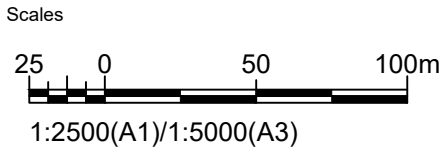
Issue
E



- 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.

- LEGEND**
- EXTENT OF WORKS BOUNDARY
 - LAND DEDICATION TO TMR FOR POTENTIAL FUTURE ROAD UPGRADE.
 - EDGE OF PAVEMENT
 - HYRDOLINES
 - 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: _____ Date: _____

Signature: _____

Job Title

BROMELTON ENERGY AND RESOURCES CENTRE

Scale at A1 1:2500m

Discipline CIVIL

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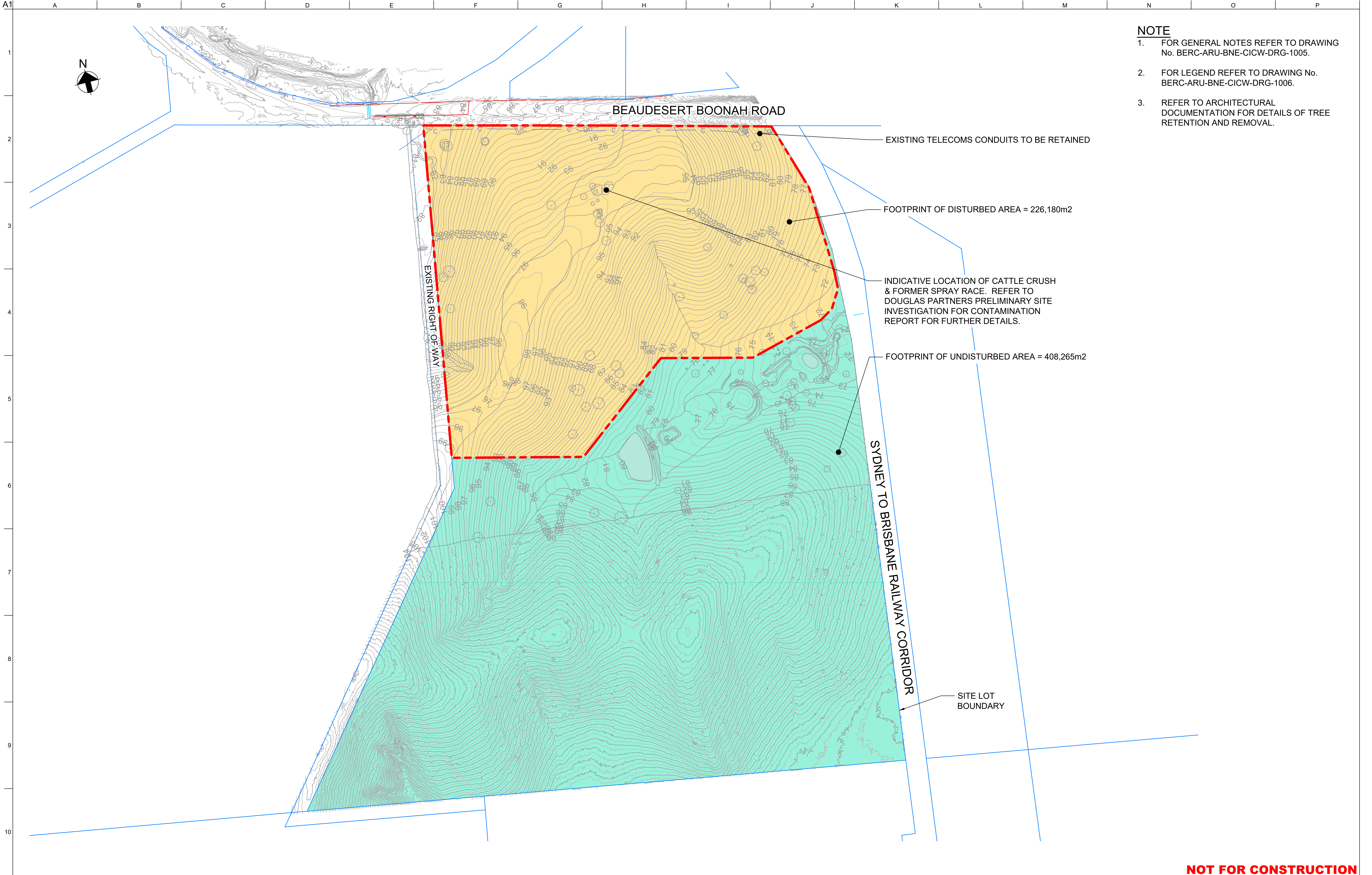
Drawing Title

PROPOSED SITE PLAN - CLEARANCES FROM DEVELOPMENT FOOTPRINT

Drawing Status

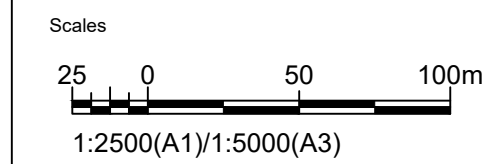
FOR APPROVAL

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



- 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.

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

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Drawing Title

DEMOLITION AND SITE CLEARANCE PLAN

Drawing Status

FOR APPROVAL

Job No

293683-00

Drawing No

BERC-ARU-BNE-CICW-DRG-1080

Issue

C