

Officer: Development Engineer - Justin  
Direct Telephone: 07 4189 9100  
Our Reference: OPW25/0001

21 July 2025

Ergon Energy  
BG 2, 473 South Street  
TOOWOOMBA QLD 4350

Dear Sir/Madam

**South Burnett Regional Council**

ABN 89 972 463 351

PO Box 336

Kingaroy QLD 4610

☎ 1300 789 279 or (07) 4189 9100

☎ (07) 4162 4806

✉ info@southburnett.qld.gov.au

🌐 www.southburnett.qld.gov.au

## Decision Notice

### *Planning Act 2016*

I refer to your application and advise that on 14 July 2025, Council's delegated authority decided to approve the application in full subject to conditions.

Details of the decision are as follows:

#### APPLICATION DETAILS

Application No: OPW25/0001  
Street Address: 89-99 Kingaroy Barkers Creek Road KINGAROY QLD 4610  
Real Property Description: Lot 5 on RP79852  
Planning Scheme: South Burnett Regional Council

#### DECISION DETAILS

Type of Decision: Approval  
Type of Approval: Development Permit for Operational Works (Earthworks and Stormwater)  
Date of Decision: 14 July 2025

#### CURRENCY PERIOD OF APPROVAL

The currency period for this development approval is two (2) years starting the day that this development approval takes effect. (Refer to Section 85 "Lapsing of approval at end of currency period" of the *Planning Act 2016*.)

#### INFRASTRUCTURE

Not Applicable.

#### ASSESSMENT MANAGER CONDITIONS

#### GENERAL

- ENG1. Compliance with the plans and specifications submitted with Development Application OPW25/0001, approval conditions, and all Council Planning Scheme Policies.
- ENG2. This approval extends to Earthworks and Stormwater as detailed, and is conditional upon a set of "Issued for Construction" drawings, amended if required by the conditions of this approval, being submitted to Council for endorsement, prior to pre-start meeting.

- ENG3. Submit to Council, a Certification from a suitably qualified Engineer (RPEQ) that the works have been undertaken in accordance with the approved plans and specifications and to Council's requirements, prior to commencement of the use.
- ENG4. Undertake all approved works and works required by conditions of this development approval at no cost to Council.
- ENG5. Adhere to the following hours of construction unless otherwise approved in writing by Council:

Monday to Saturday:	6.30am to 6.30pm	Noise permitted
Monday to Sunday:	6.30pm to 6.30am	No noise permitted
Sunday and Public Holidays:		No noise permitted

Do not conduct work or business that causes audible noise from or on the site outside the above hours.

- ENG6. Be responsible to carry out Work Health and Safety legislative requirements.
- ENG7. Ensure all work sites are maintained in a clean, orderly state at all times.
- ENG8. Manage all waste in accordance with the relevant legislation and regulations and dispose of regulated waste at a licensed facility of South Burnett Regional Council by a licensed regulated waste disposal contractor.
- ENG9. Be responsible for the location and protection of any Council and public utility services infrastructure and assets that may be impacted on during construction of the development.
- ENG10. Repair all damages incurred to Council and public utility services infrastructure and assets, as a result of the proposed development, immediately should hazards exist for public health and safety or vehicular safety. Otherwise, repair all damage immediately upon completion of works associated with the development.

#### **STORMWATER**

- ENG11. Stormwater shall be managed in accordance with the stormwater drainage design detailed on Aurecon drawings 10015996-04 Rev A, 10015996-09 Rev A, 10015996-10 Rev A and 10015996-11 Rev A.
- ENG12. Ensure that earthworks and fill on the subject land do not lead to ponding of stormwater or actionable nuisance, and drain freely to a lawful point of discharge in accordance with the Queensland Urban Drainage Manual.
- ENG13. Do not concentrate stormwater onto adjoining properties.

#### **DEVELOPMENT WORKS**

- ENG14. Maintain erosion and sedimentation controls at all times during the course of the project. Council Officers will inspect and assess the sediment and erosion control measures and temporary fencing implemented, and any alterations and/or supplementary works required must be incorporated.
- ENG15. Implement measures to prevent site vehicles tracking sediment and other pollutants from the site onto adjoining streets during the course of the project, and to prevent dust nuisance during construction.
- ENG16. Be responsible for protecting nearby property owners from dust pollution arising from construction and maintenance of the works required by this approval, and comply with any lawful instructions from the Assessment Manager if, in his opinion, a dust nuisance exists.

## EARTHWORKS

- ENG17. Supervise bulk earthworks to Level 1 or Level 2 as applicable, and have a frequency of field density testing carried out in accordance with Table 8.1 of AS3798.
- ENG18. Contain cut or fill batters wholly within the subject land. Do not place fill on adjacent properties without providing Council with written permission from the respective property owner(s).
- ENG19. Do not use contaminated material as fill on the site. Undertake any filling using inert materials only.
- ENG20. Submit to Council, the following for approval in the event it is proposed to import material to or export material from the site, prior to commencement of the work:
- (a) details of the location of any material to be sourced for fill including the volume of fill to be moved from any particular source site;
  - (b) details of the final location for any material to be exported from the site from excavations including the volume to be moved to any particular site; and
  - (c) the proposed haulage route(s) and truck sizes for carting of the material.

Note: Further Development Applications may be required to be submitted to and approved by Council for sites proposed to import material from or export material to, or conditions may be applied to any sites endorsed in accordance with this condition, e.g. submit a Traffic Management Plan to Council for acceptance, or rehabilitation of the site. Any required approvals are to be in place prior to commencement of the work.

This approval does not extend to any material proposed to be imported to or exported from the site:

- (d) other than from or to site(s) that have a current Development Approval enabling them to export/accept any material; or
- (e) the material is being exported to and accepted at a licensed Council refuse facility.

## INSPECTIONS AND TESTING

- ENG21. Submit to Council the pre-start meeting agenda at the confirmation of a date and time for the meeting.
- ENG22. Provide Council with a minimum of two clear working days notice to undertake compulsory inspections and meetings at the following stages:
- (a) Pre-start meeting with Council, Contractor, and developer; and
  - (b) at the point of completion of all works.

*The approval is subject to construction being undertaken in accordance with the Approved Plans listed below:*

<b>Plan Prepared by</b>	<b>Drawing No.</b>	<b>Rev</b>	<b>Drawing/Plan Title</b>	<b>Date</b>
Aurecon	10015996-01	A	Locality Plan and Drawing List	26/4/2024
Aurecon	10015996-02	A	Civil General Notes Sheet 1	26/4/2024
Aurecon	10015996-03	A	Civil General Notes Sheet 2	26/4/2024
Aurecon	10015996-04	A	General Arrangement	26/4/2024
Aurecon	10015996-05	A	Bulk Earthworks - Plan and Setting Out	26/4/2024
Aurecon	10015996-06	A	Bulk Earthworks - Cut and Fill Plan	26/4/2024
Aurecon	10015996-07	A	Bulk Earthworks - Sections and Details	26/4/2024
Aurecon	10015996-08	A	Utilities Plan - Layout	26/4/2024
Aurecon	10015996-09	A	Detail Sheet 1 of 3	26/4/2024

Aurecon	10015996-10	A	Detail Sheet 2 of 3	26/4/2024
Aurecon	10015996-11	A	Detail Sheet 3 of 3	26/4/2024
Aurecon	10015996-12	A	Fence Layout	26/4/2024

## REFERRAL AGENCIES

The referral agencies applicable to this application are:

Referral Status	Referral Agency and Address	Referral Trigger	Response
Approved no conditions.	SARA	Schedule 10, Part 9, Division 4, Subdivision 2, Table 5, Item 1	The agency provided its response on 31 March 2025 (Reference No. 2502-44908 SRA). A copy of the response is attached.

A copy of any referral agency conditions is attached.

## APPROVED PLANS

The following plans are Approved plans for the development:

### Approved Plans

Plan No.	Rev.	Plan Name	Date
10015996-01	A	<i>Locality Plan and Drawing List</i> , prepared by Aurecon.	26/4/2024
10015996-01	A	<i>Civil General Notes Sheet 1</i> , prepared by Aurecon.	26/4/2024
10015996-03	A	<i>Civil General Notes Sheet 2</i> , prepared by Aurecon.	26/4/2024
10015996-04	A	<i>General Arrangement</i> , prepared by Aurecon.	26/4/2024
10015996-05	A	<i>Bulk Earthworks – Plan and Seating Out</i> , prepared by Aurecon.	26/4/2024
10015996-06	A	<i>Bulk Earthworks – Cut and Fill Plan</i> , prepared by Aurecon.	26/4/2024
10015996-07	A	<i>Bulk Earthworks – Sections and Details</i> , prepared by Aurecon.	26/4/2024
10015996-08	A	<i>Utilities Plan – Layout</i>	26/4/2024
10015996-09	A	<i>Detail Sheet 1 of 3</i> , prepared by Aurecon.	26/4/2024
10015996-10	A	<i>Detail Sheet 2 of 3</i> , prepared by Aurecon.	26/4/2024
10015996-11	A	<i>Detail Sheet 3 of 3</i> , prepared by Aurecon.	26/4/2024
10015996-12	A	<i>Fence Layout</i> , prepared by Aurecon.	26/4/2024

## REFERENCED DOCUMENTS

Not Applicable.

## ADVISORY NOTES

The following notes are included for guidance and information purposes only and do not form part of the assessment manager conditions:

### ADVICE NOTES

The applicant be advised that:

- Prior to commencement of the use or endorsement of the survey plan as applicable, the applicant shall contact Council to arrange a Development Compliance Inspection.

- (b) The applicant must ensure compliance with environmental conditions whether required to hold an Environmental Authority or not. These include, but are not limited to water quality, air quality, noise levels, waste waters, lighting and visual quality as a result of any activity or by-product or storage of materials within the confines of the building(s) and property boundaries.

Any amendment, alteration or addition to the development approval will require further consideration by Council in assessing any changes to the environmental conditions.

- (c) The *Aboriginal Cultural Heritage Act 2003* (ACHA) is administered by the Department of Aboriginal and Torres Strait Islander and Multicultural Affairs (DATSIMA). The ACHA establishes a duty of care to take all reasonable and practicable measures to ensure any activity does not harm Aboriginal cultural heritage. This duty of care:
- (i) is not negated by the issuing of this development approval;
  - (ii) applies on all land and water, including freehold land;
  - (iii) lies with the person or entity conducting an activity; and
  - (iv) if breached, is subject to criminal offence penalties.

Those proposing an activity involving surface disturbance beyond that which has already occurred at the proposed site must observe this duty of care. Details of how to fulfil this duty of care are outlined in the duty of care guidelines gazetted with the ACHA. The applicant should contact DATSIP's Cultural Heritage Co-ordination Unit on telephone (07) 3224 2070 for further information on the responsibilities of developers under the ACHA.

- (d) The **relevant period** for the development approval (Operational Work) shall be **two (2) years** starting the day the approval is granted or takes effect. In accordance with Section 85(1)(c) of the *Planning Act 2016*, the development approval for Operational Work lapses if the development does not substantially start within the abovementioned **relevant period**.

An applicant may request Council to extend the **relevant period** provided that such request is made in accordance with Section 86 of the *Planning Act 2016* and before the development approval lapses under Section 85 of the *Planning Act 2016*.

- (e) Council is to be indemnified against any claims arising from works carried out by the applicant on Council's property.
- (f) The relevant Planning Scheme for this Development Permit is the South Burnett Regional Council Planning Scheme 2017. All references to the Planning Scheme and Schedules within these conditions refer to the above Planning Scheme.

#### PROPERTY NOTES

Not Applicable.

#### VARIATION APPROVAL

Not Applicable.

#### FURTHER DEVELOPMENT PERMITS REQUIRED

Not Applicable.

#### SUBMISSIONS

Not Applicable.

## **RIGHTS OF APPEAL**

You are entitled to appeal against this decision. A copy of the relevant appeal provisions from the *Planning Act 2016* is attached.

During the appeal period, you as the applicant may suspend your appeal period and make written representations to council about the conditions contained within the development approval. If council agrees or agrees in part with the representations, a “negotiated decision notice” will be issued. Only one “negotiated decision notice” may be given. Taking this step will defer your appeal period, which will commence again from the start the day after you receive a “negotiated decision notice”.

## **OTHER DETAILS**

If you wish to obtain more information about Council's decision, electronic copies are available on line at [www.southburnett.qld.gov.au](http://www.southburnett.qld.gov.au), or at Council Offices.

Yours faithfully



SIMON GINN  
**MANAGER PLANNING AND DEVELOPMENT SERVICES**

Enc:   Approved Plans  
      Appeal Rights

# Appeal Rights

## PLANNING ACT 2016 & THE PLANNING REGULATION 2017

### Chapter 6 Dispute resolution

#### Part 1 Appeal rights

##### 229 Appeals to tribunal or P&E Court

- (1) Schedule 1 of the *Planning Act 2016* states –
  - (a) Matters that may be appealed to –
    - (i) either a tribunal or the P&E Court; or
    - (ii) only a tribunal; or
    - (iii) only the P&E Court; and
  - (b) The person-
    - (i) who may appeal a matter (**the appellant**); and
    - (ii) who is a respondent in an appeal of the matter; and
    - (iii) who is a co-respondent in an appeal of the matter; and
    - (iv) who may elect to be a co-respondent in an appeal of the matter.

(Refer to Schedule 1 of the Planning Act 2016)

- (2) An appellant may start an appeal within the appeal period.
- (3) The **appeal period** is –
  - (a) for an appeal by a building advisory agency – 10 business days after a decision notice for the decision is given to the agency; or
  - (b) for an appeal against a deemed refusal – at any time after the deemed refusal happens; or
  - (c) for an appeal against a decision of the Minister, under chapter 7, part 4, to register premises or to renew the registration of premises – 20 business days after a notice is published under section 269(3)(a) or (4); or
  - (d) for an appeal against an infrastructure charges notice – 20 business days after the infrastructure charges notice is given to the person; or
  - (e) for an appeal about a deemed approval of a development application for which a decision notice has not been given – 30 business days after the applicant gives the deemed approval notice to the assessment manager; or
  - (f) for any other appeal – 20 business days after a notice of the decision for the matter, including an enforcement notice, is given to the person.

*Note –*

*See the P&E Court Act for the court's power to extend the appeal period.*

- (4) Each respondent and co-respondent for an appeal may be heard in the appeal.
- (5) If an appeal is only about a referral agency's response, the assessment manager may apply to the tribunal or P&E Court to withdraw from the appeal.
- (6) To remove any doubt. It is declared that an appeal against an infrastructure charges notice must not be about-
  - (a) the adopted charge itself; or
  - (b) for a decision about an offset or refund-
    - (i) the establishment cost of trunk infrastructure identified in a LGIP; or
    - (ii) the cost of infrastructure decided using the method included in the local government's charges resolution.

##### 230 Notice of appeal

- (1) An appellant starts an appeal by lodging, with the registrar of the tribunal or P&E Court, a notice of appeal that-
  - (a) is in the approved form; and
  - (b) succinctly states the grounds of the appeal.
- (2) The notice of appeal must be accompanied by the required fee.
- (3) The appellant or, for an appeal to a tribunal, the registrar must, within the service period, give a copy of the notice of appeal to –
  - (a) the respondent for the appeal ; and
  - (b) each co-respondent for the appeal; and

- (c) for an appeal about a development application under schedule 1, table 1, item 1 – each principal submitter for the development application; and
  - (d) for an appeal about a change application under schedule 1, table 1, item 2 – each principal submitter for the change application; and
  - (e) each person who may elect to become a co-respondent for the appeal, other than an eligible submitter who is not a principal submitter in an appeal under paragraph (c) or (d); and
  - (f) for an appeal to the P&E Court – the chief executive; and
  - (g) for an appeal to a tribunal under another Act – any other person who the registrar considers appropriate.
- (4) The **service period** is –
    - (a) if a submitter or advice agency started the appeal in the P&E Court – 2 business days after the appeal has started; or
    - (b) otherwise – 10 business days after the appeal is started.
  - (5) A notice of appeal given to a person who may elect to be a co-respondent must state the effect of subsection (6).
  - (6) A person elects to be a co-respondent by filing a notice of election, in the approved form, within 10 business days after the notice of appeal is given to the person.

##### 231 Other appeals

- (1) Subject to this chapter, schedule 1 and the P&E Court Act, unless the Supreme Court decides a decision or other matter under this Act is affected by jurisdictional error, the decision or matter is non-appealable.
- (2) The *Judicial Review Act 1991*, part 5 applies to the decision or matter to the extent it is affected by jurisdictional error.
- (3) A person who, but for subsection (1) could have made an application under the *Judicial Review Act 1991* in relation to the decision or matter, may apply under part 4 of that Act for a statement of reasons in relation to the decision or matter.
- (4) In this section –**decision** includes-
  - (a) conduct engaged in for the purpose of making a decision; and
  - (b) other conduct that relates to the making of a decision; and
  - (c) the making of a decision or failure to make a decision; and
  - (d) a purported decision ; and
  - (e) a deemed refusal.**non-appealable**, for a decision or matter, means the decision or matter-
  - (a) is final and conclusive; and
  - (b) may not be challenged, appealed against, reviewed, quashed, set aside or called into question in any other way under the *Judicial Review Act 1991* or otherwise, whether by the Supreme Court, another court, a tribunal or another entity; and
  - (c) is not subject to any declaratory, injunctive or other order of the Supreme Court, another court, a tribunal or another entity on any ground.

##### 232 Rules of the P&E Court

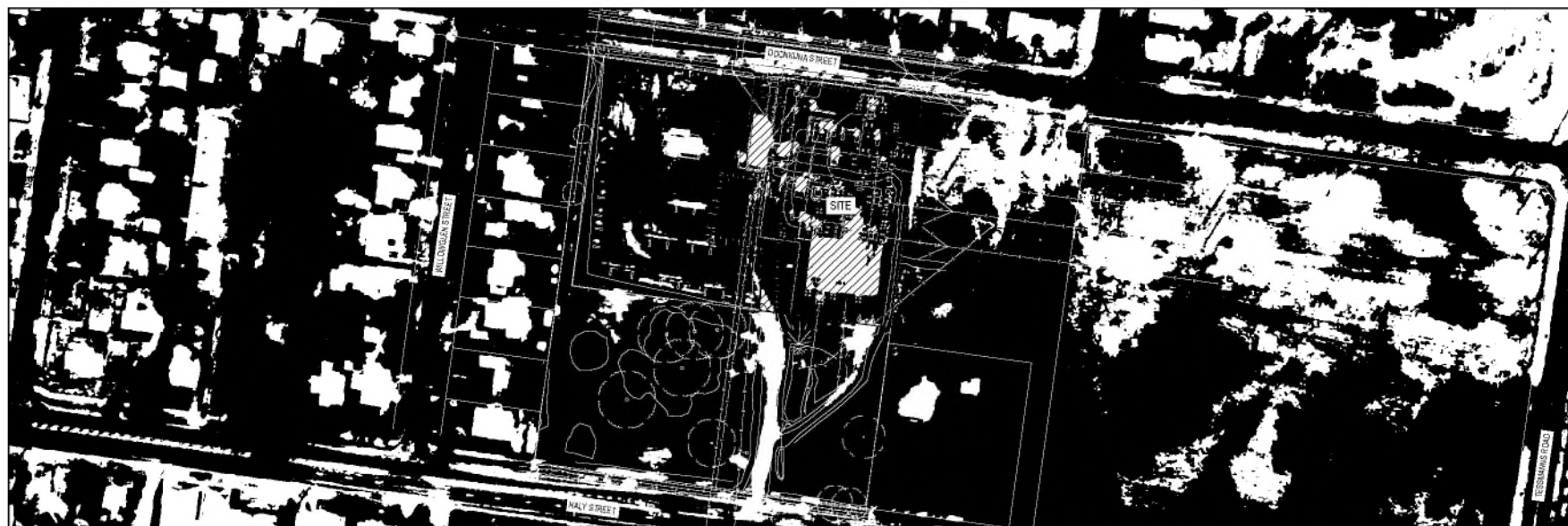
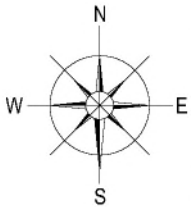
- (1) A person who is appealing to the P&E Court must comply with the rules of the court that apply to the appeal. However, the P&E Court may hear and decide an appeal even if the person has not complied with the rules of the P&E Court.



00029943  
23 Oct 2024  
Harold Weber  
A73379

The building work described on this drawing/specifications conforms with the provisions of the Building Act 1975 and is subject to conditions stipulated by the Local Government Public Sector Entity.

# 525111 - KINGAROY SUBSTATION



DRAWING NO.	TITLE 1	TITLE 2
10015996-01	CIVIL ENGINEERING	LOCALITY PLAN AND DRAWING LIST
10015996-02	CIVIL ENGINEERING	CIVIL GENERAL NOTES - SHEET 1
10015996-03	CIVIL ENGINEERING	CIVIL GENERAL NOTES - SHEET 2
10015996-04	CIVIL ENGINEERING	GENERAL ARRANGEMENT
10015996-05	CIVIL ENGINEERING	BULK EARTHWORKS - PLAN AND SETTING OUT
10015996-06	CIVIL ENGINEERING	BULK EARTHWORKS - CUT AND FILL PLAN
10015996-07	CIVIL ENGINEERING	BULK EARTHWORKS - SECTIONS AND DETAILS
10015996-08	CIVIL ENGINEERING	UTILITIES PLAN - LAYOUT
10015996-09	CIVIL ENGINEERING	DETAIL SHEET 1 OF 3
10015996-10	CIVIL ENGINEERING	DETAIL SHEET 2 OF 3
10015996-11	CIVIL ENGINEERING	DETAIL SHEET 3 OF 3

REV	DESCRIPTION	E.O.	L.D.L.	A.M.	DATE
1	ISSUED FOR REVIEW	DRN	CHK	APPR	2024-04-24

DOCUMENT CONTROL

Drawn: \_\_\_\_\_

Check: \_\_\_\_\_

Checked: \_\_\_\_\_

Approved: \_\_\_\_\_

Approved: \_\_\_\_\_

Approved: \_\_\_\_\_

KING KINGAROY SUBSTATION

CIVIL ENGINEERING

LOCALITY PLAN

AND DRAWING LIST

Drawing Status: WORK IN PROGRESS

Project Number: WRI1200005

10015996-01

Scale: N.T.S.

Revision: A



1. ALL FENCES, GATE SIZES AND DIMENSIONS ARE TO BE CHECKED ON SITE PRIOR TO FABRICATION, ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT IMMEDIATELY.
2. SETTING-OUT DIMENSIONS AND SIZES OF THE STRUCTURAL MEMBERS ARE NOT TO BE OBTAINED BY SCALING THE DRAWINGS. ANY SETTING-OUT DIMENSIONS SHOWN IN THE DRAWINGS ARE TO BE CHECKED BY THE CONTRACTOR BEFORE CONSTRUCTION COMMENCES. ANY DISCREPANCY SHALL BE REPORTED TO THE SUPERINTENDENT IMMEDIATELY.

## FILL NOTES

SURVEY NOTES



## SITE SURFACING

1. SITE SURFACING TO BE COMPLETED AS NOMINATED ON THE PROJECT DRAWINGS, AND AS PER THE PROJECT TECHNICAL SPECIFICATIONS.
2. METHODOLOGY AND SEQUENCE OF SURFACING CONSTRUCTION TO BE AGREED UPON WITH ENGINEER PRIOR TO COMMENCING WORK ACTIVITIES.

**ACA**  
All Contract Administration Requirements

00029943  
23 Oct 2024  
Harald Weber  
A73379

The building work, completed on the preceding conditions continues until the completion of the Building was 1977 and is subject to conditions stipulated in the Local Government Public Sector Entry.

BESON NETWORK  
 Foris V  
 (Open Data)

Part of Eucore OpenAccess

KING KINGAROY SUBSTATION  
CIVIL ENGINEERING  
CIVIL GENERAL NOTES  
SHEET 1

Drawing Status	WORK IN PROGRESS	
Project Number	WR1266655	
	10015996-02	/Revision A
Scale	N.T.S.	

A	ISSUED FOR REVIEW	E.O.	L.D.L.	A.M.	2024-04-24
REV	DESCRIPTION	DRN	CLK	APP	DATE

**ACA**  
FULL CONSULTATION REQUIRED

00029943  
23 Oct 2024  
Harald Weber  
A73379

The building work described on this planning application contains with the provisions of the Building Act 1972 and is subject to conditions stipulated by the Local Government Public Sector Bill.

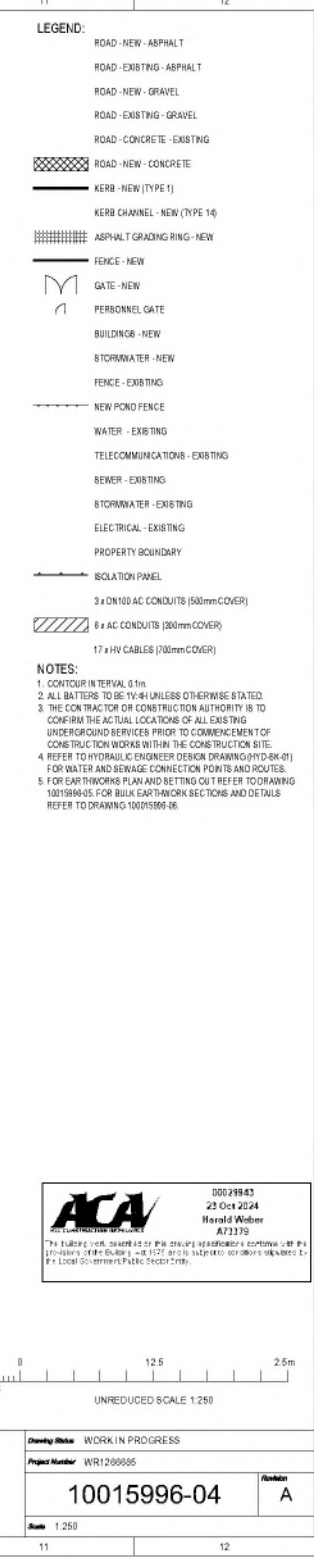
- | CONCRETE     | GRADE | SLUMP TESTING    | MAX. AGG. | COMPRESSIVE STRENGTH TESTING |
|--------------|-------|------------------|-----------|------------------------------|
| FOOTING/PIER | N32   | 80 ± 15 1/TRUCK  | 20        | 1 PER POUR                   |
| TX SLAB      | N32   | 80 ± 15 1/TRUCK  | 20        | 3 PER POUR                   |
| BLOCK/LL     | N30   | 220 ± 15 1/TRUCK | 10        | 1 PER POUR                   |
| KERB         | N32   | -                | 20        | -                            |

SYMBOL	TYPE	AUSTRALIAN STANDARD	GRADE
N	HOTROLLED DEFORMED BARB	AS/NZS 4671	D500N
R	HOTROLLED PLAIN BARB	AS/NZS 4671	R250N
SLRL	WELDED WIRE REINFORCEMENT FABRIC	AS/NZS 4671	S04

3. THE CLEAR COVER TO THE FACE OF ALL REINFORCEMENT SHALL BE 50mm U.N.O.

3. THE CLEAR COVER TO THE FACE OF ALL REINFORCEMENT SHALL BE 50mm U.N.O.

Drawing Status	WORK IN PROGRESS	
Project Number	WR1200005	
	10015996-03	Revision A
Scale	N.T.S.	



Drawing Status: WORK IN PROGRESS	
Project Number: WR1200005	
10015996-04	Revision: A
Scale: 1:250	

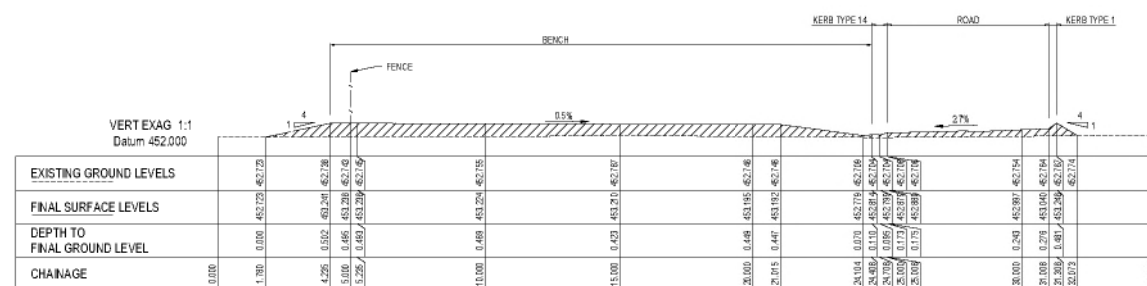


Working Status	WORK IN PROGRESS	
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	10015996-05	Revision A
Scale	1:250	



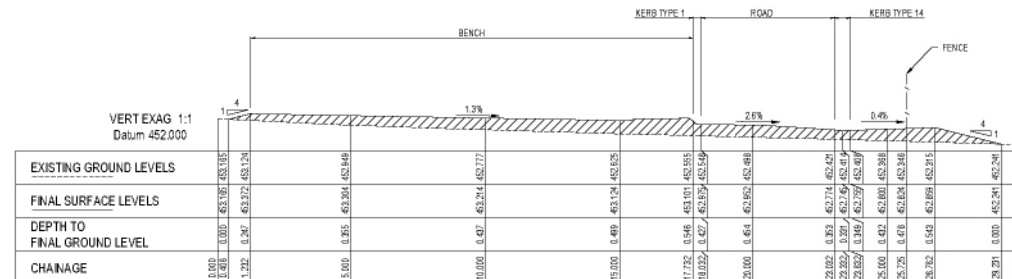
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UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN METERS AND DECIMALS THEREOF. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.

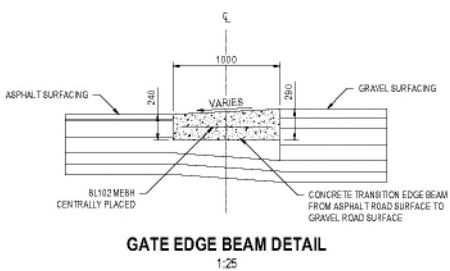
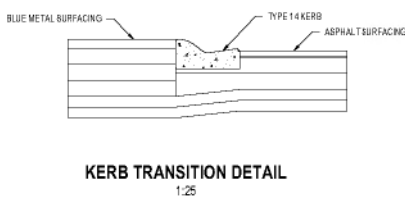
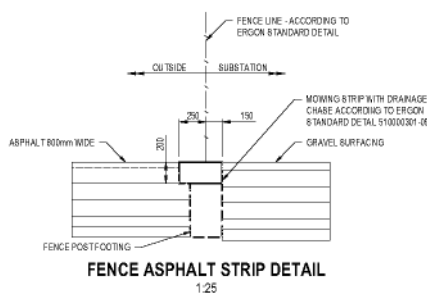
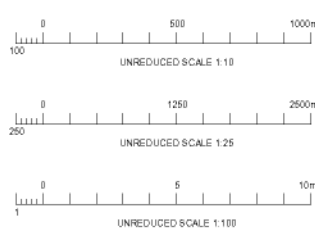
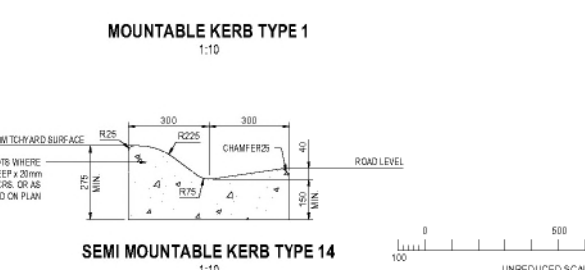
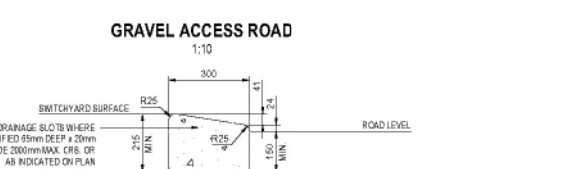
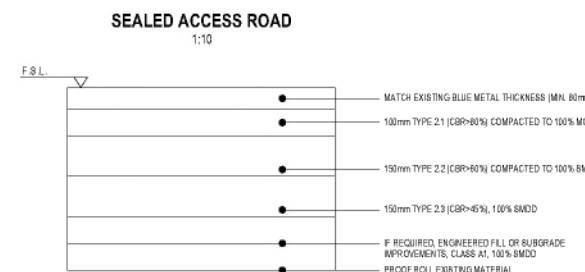
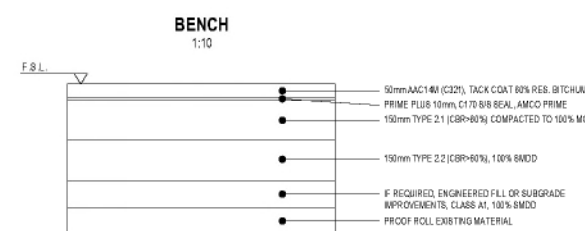
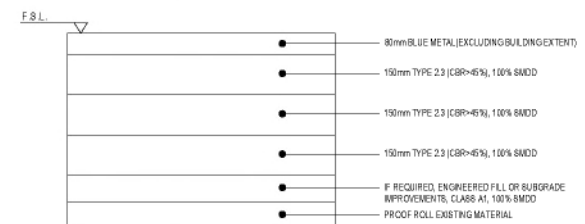


SECTION A  
1:100 H  
1:100 V

**ACA**  
010629943  
23 Oct 2024  
Harold Weber  
A73273  
The drawings were prepared by the drawing office under the supervision of the Engineer and shall be subject to the local authority's approval.



SECTION B  
1:100 H  
1:100 V



REV	DESCRIPTION	E.O.	L.O.L.	A.M.	DATE
1	ISSUED FOR REVIEW	DRN	CHK	APPR	2024-04-24

**DOCUMENT CONTROL**  
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Date: \_\_\_\_\_  
Checked: \_\_\_\_\_  
Date: \_\_\_\_\_  
Approved: \_\_\_\_\_  
Date: \_\_\_\_\_  
Noted: \_\_\_\_\_  
Date: \_\_\_\_\_

KING KINGAROO SUBSTATION  
CIVIL ENGINEERING  
BULK EARTHWORKS  
SECTIONS AND DETAILS

Drawn: WORK IN PROGRESS  
Project Number: WRI1200005  
10015996-07  
A  
Scale: AS SHOWN

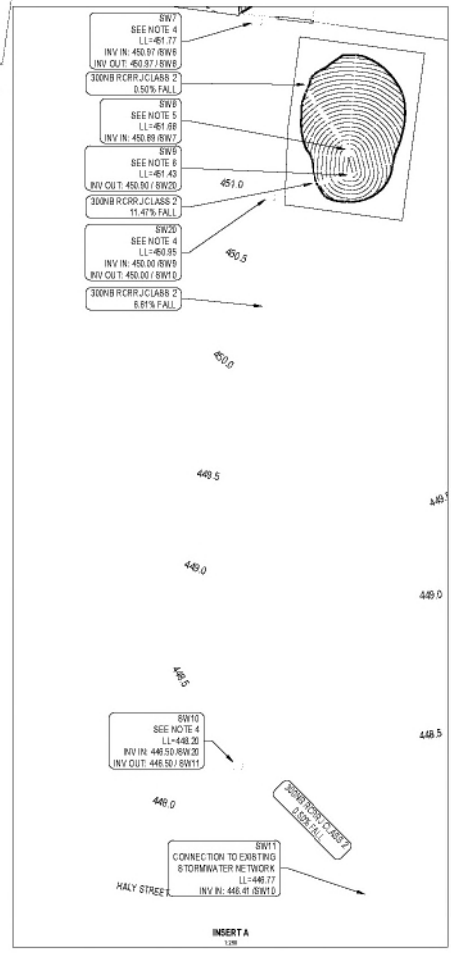
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- LEGEND:**
- STORMWATER - NEW
  - PROPERTY BOUNDARY
  - STORMWATER - EXISTING
  - WATER - EXISTING
  - TELECOMMUNICATIONS - EXISTING
  - SEWER - EXISTING
  - ELECTRICAL - EXISTING
- NOTES:**
1. RAINWATER DOWNPIPE CONNECTION TO STORMWATER (REFER TO 1015991 - SERIES)
  2. NEW Ø150 PVC STORMWATER PIPE TO BEND AT 45° WITH NITRILE RUBBER RING JOINT (TYP.)
  3. STANDARD Ø75 x 40mm PRECAST CATCHPIT
  4. Ø900 CONCRETE MANHOLE
  5. 900 x 800 x 800mm SERIES 300 WINGWALL
  6. BASIN OUTLET - STANDARD Ø75 x 40mm PRECAST CATCHPIT
  7. FIELD PILE
  8. AS PER ASIN 28 3500.3, THE UNDERGROUND SITE STORMWATER IS SIZED FOR A 20 YEAR RETURN PERIOD, 5MIN TIME OF CONCENTRATION

**ACA** 30022843  
23 Oct 2024  
Harold Weber  
A73378

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0 12.5 25m  
UNREDUCED SCALE 1:250

REV	DESCRIPTION	E.O.	L.O.L.	A.M.	2024-04-24
1		DRN	CHK	APPR	DATE

**DOCUMENT CONTROL**

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Checked	---
Reviewed	---
Approved	---
Drawn	---

**Net of Energy Queensland**

**KING KINGAROY SUBSTATION**  
**CIVIL ENGINEERING**  
**UTILITIES PLAN**  
**LAYOUT**

Drawing Status: WORK IN PROGRESS  
Project Number: WRI1200005  
**10015996-08**  
Scale: 1:250  
Revision: A





UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE AS SHOWN.

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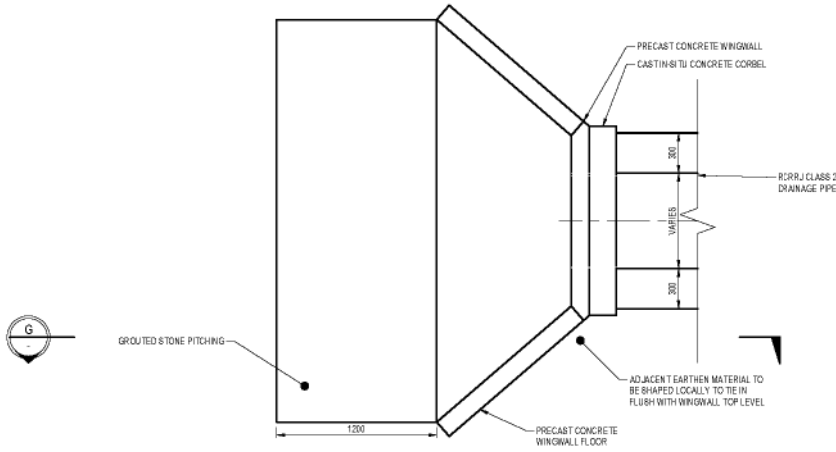


60029943  
23 Oct 2024  
Harald Weber  
A73379

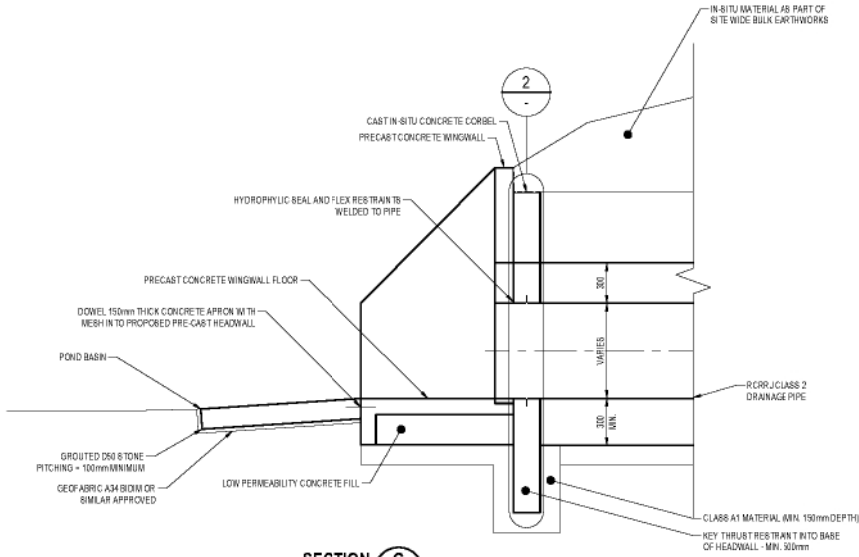
The building work described on this drawing is undertaken in accordance with the provisions of the Building Act 1975 and is subject to conditions stipulated by the Local Government Public Sector.

60029943  
23 Oct 2024  
Harald Weber  
A73379

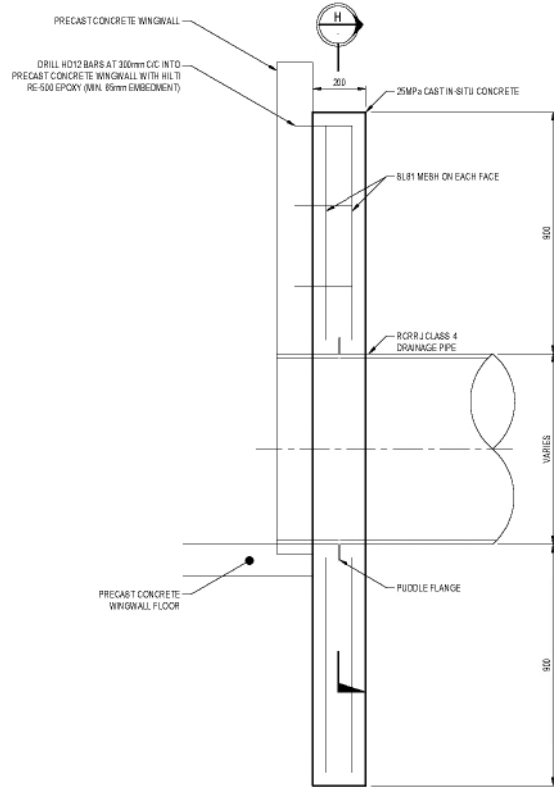
- NOTES:
1. ALL DIMENSIONS IN MILLIMETERS UNLESS STATED OTHERWISE.
  2. SUITABLE ADAPTURE TO BE INCLUDED IN CONCRETE MIX DESIGN TO LIMIT CRACK WIDTH (XPEX OR BIRLAP APPROVED).
  3. CONCRETE MIX DESIGN TO BE SUBMITTED TO ENGINEER FOR APPROVAL.
  4. CONCRETE REINFORCEMENT COVER TO BE 50mm.
  5. ALL PRE-CAST ELEMENTS TO BE MARINE GRADE AND TO BE EPOXY LINED AS PER DETAIL SHEET.
  6. PRE-CAST UNITS (AS ALTERNATIVE SOLUTION) TO BE SUBMITTED FOR APPROVAL TO ENGINEER.



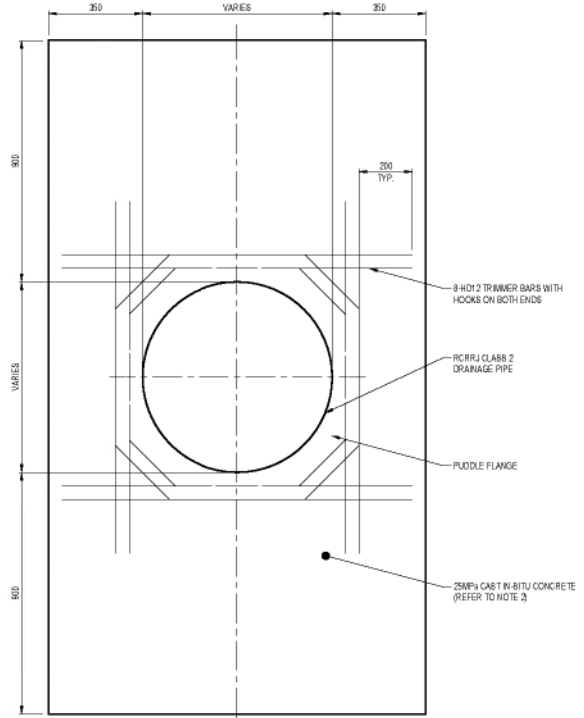
TYPICAL WINGWALL DETAIL  
1:20



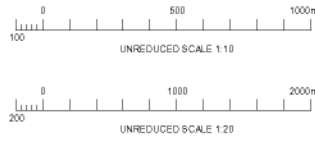
SECTION G  
1:20



DETAIL 2  
1:10



SECTION H  
1:10



REV	DESCRIPTION	E.O.	L.O.L.	A.M.	2024-04-24
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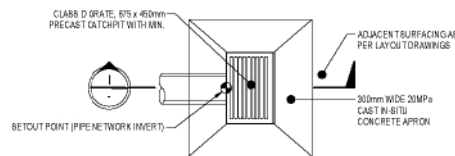
KING KINGAROO SUBSTATION  
CIVIL ENGINEERING  
DETAIL SHEET 2 OF 3

Drawn By	WORK IN PROGRESS
Project Number	WR1200005
10015996-10	A
Scale	AS SHOWN

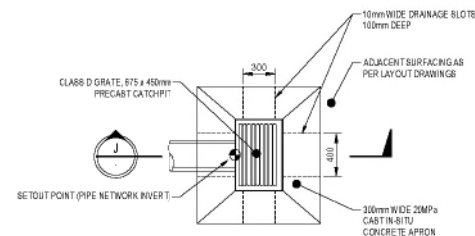


00029943  
23 Oct 2024  
Harold Weber  
A73379

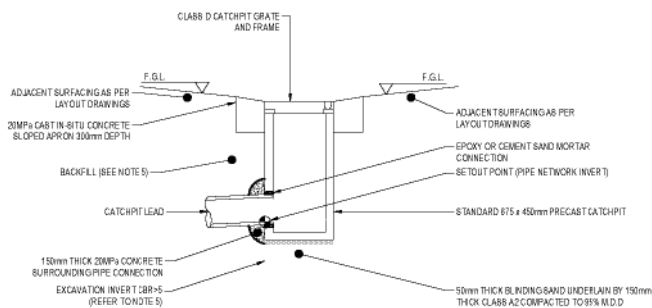
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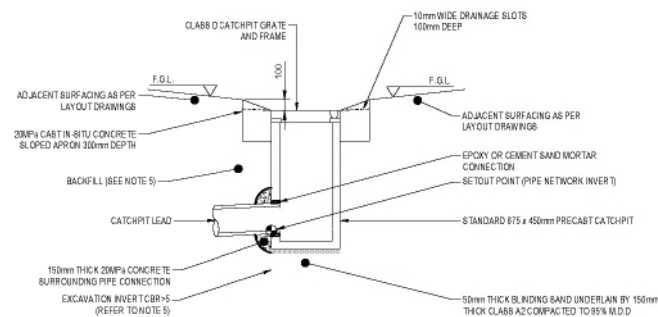
TYPICAL STORMWATER  
CATCHPIT DETAIL  
1:25



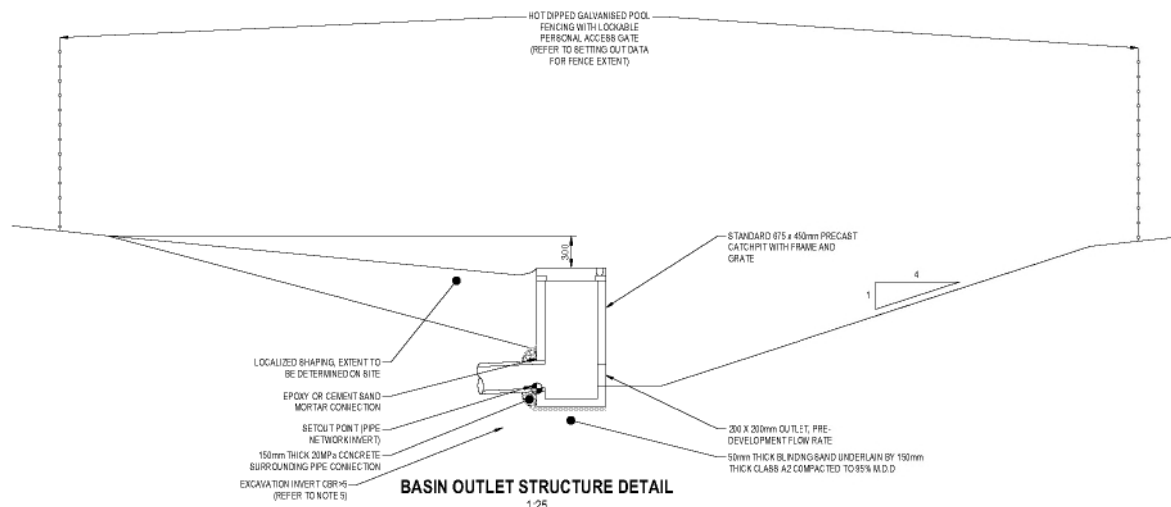
TYPICAL STORMWATER  
FIELD INLET DETAIL  
1:25



SECTION I  
1:25



SECTION J  
1:25



BASIN OUTLET STRUCTURE DETAIL  
1:25



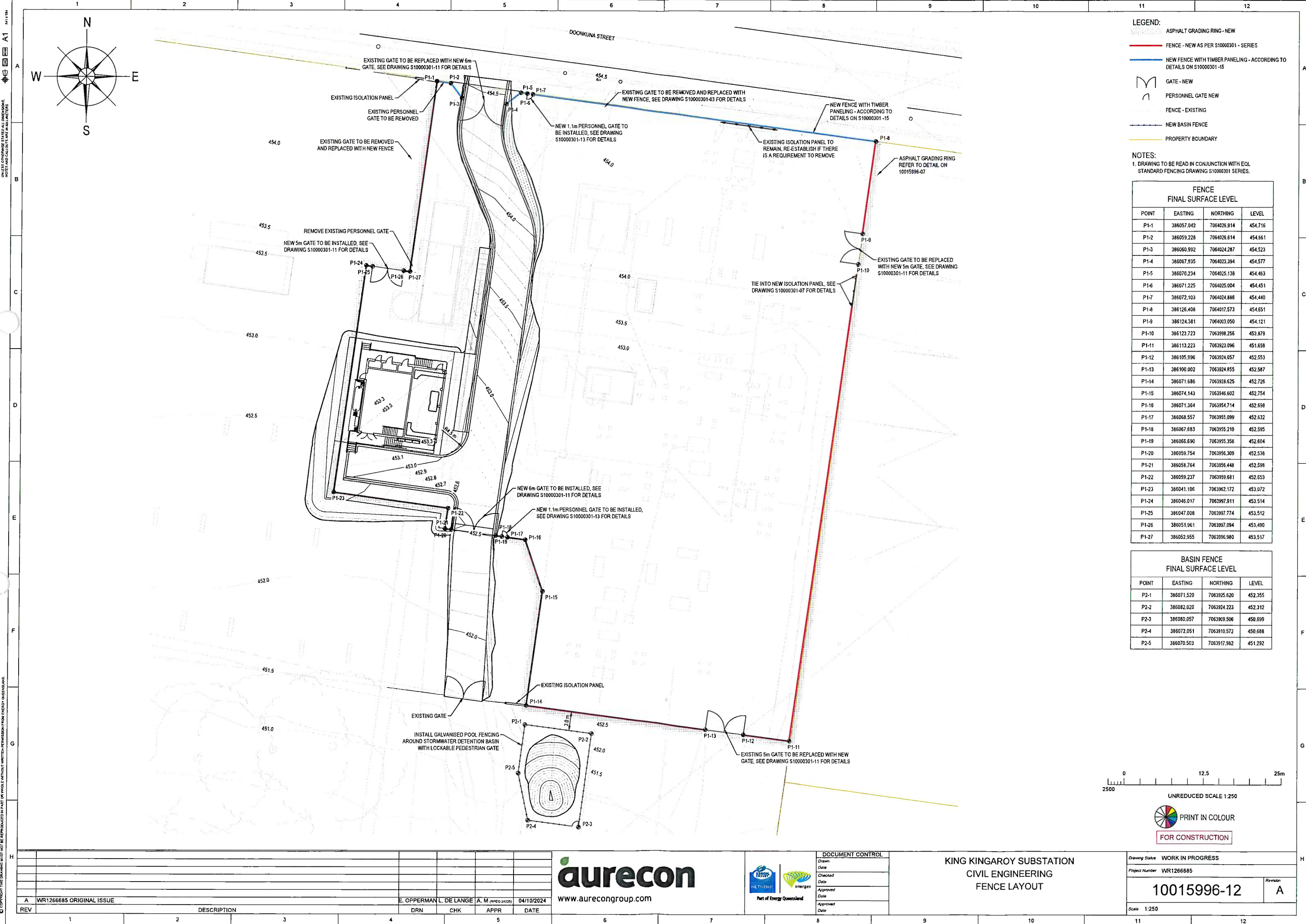
- NOTES:
- ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
  - CATCHPIT GRATES TO BE SUITABLE FOR HIGHWAY LOADING REQUIREMENTS (H40-72). GRATES ON CARTRIDGEWAYS SHALL HAVE LONGITUDINAL OPENINGS WITH MINIMUM 35mm APERTURES.
  - SITE CONCRETE TO BE A MINIMUM OF 20MPa. CONCRETE SHOULD BE VIBRATED TO MINIMISE AIR POCKETS.
  - ALL PITS TO BE BACKFILLED WITH CLASS A2 HARDFILL COMPACTED IN 200mm LAYERS TO ACHIEVE 95% MDD.
  - WHERE UNSUITABLE MATERIAL IS ENCOUNTERED IN TRENCH INVERTS (CBR < 5), THE MATERIAL SHALL BE EXCAVATED TO A DEPTH AGREED WITH THE ENGINEER AND REPLACED WITH CLASS A2 COMPACTED IN 200mm LAYERS.
  - WHERE CATCHPITS ARE NOT ADJACENT TO KERB AND CHANNEL, PROVIDE NOMINAL 300mm WIDE, 200mm THICK CONCRETE SURROUND SLOPED TOWARDS THE CATCHPIT GRATE.
  - PITS SHALL BE CONSTRUCTED USING THE MINIMUM NUMBER OF RISERS AND THE MINIMUM RISER HEIGHT SHALL BE 300mm. NO RISERS SHALL BE CUT DOWN TO HEIGHT.
  - ALL PIT OPENINGS TO BE CUT WITH CONCRETE SAW (NO BLEDDIE HAMMER SHALL BE USED).
  - ALL JOINTS BETWEEN RISERS SHALL BE SPICED, IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
  - PITS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
  - THREE STANDARD JOINT CLAMPS TO BE USED AT EACH JOINT IN RISER.
  - ALL UNRAID HOLES TO BE SEALED FOR THE FULL THICKNESS OF THE WALL.
  - REINFORCED CONCRETE PIPE CONNECTIONS TO BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
  - FLEXIBLE JOINTS ON CONCRETE PIPES TO BE LOCATED A MAXIMUM OF 800mm FROM INSIDE FACE OF STRUCTURE FOR PIPES UP TO 600mm, AND 1000mm FOR PIPES 600mm AND GREATER.
  - ALL JOINTS TO HAVE BM100 SEALANT OR SIMILAR APPROVED.

REV	DESCRIPTION	E.O.	L.O.	A.M.	DATE
1	ISSUED FOR REVIEW	DRN	CHK	APPR	2024-04-24

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Approved
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KING KINGAROO SUBSTATION  
CIVIL ENGINEERING  
DETAIL SHEET 3 OF 3

Drawn By	WORK IN PROGRESS
Project Number	WR1200005
10015996-11	A
Scale	AS SHOWN

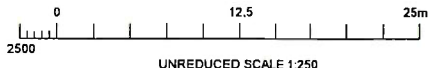


- LEGEND:
- ASPHALT GRADING RING - NEW
  - FENCE - NEW AS PER S10000301 - SERIES
  - NEW FENCE WITH TIMBER PANELING - ACCORDING TO DETAILS ON S10000301 -15
  - GATE - NEW
  - PERSONNEL GATE NEW
  - FENCE - EXISTING
  - NEW BASIN FENCE
  - PROPERTY BOUNDARY

NOTES:  
1. DRAWING TO BE READ IN CONJUNCTION WITH EQL STANDARD FENCING DRAWING S10000301 SERIES.

FENCE FINAL SURFACE LEVEL			
POINT	EASTING	NORTHING	LEVEL
P1-1	386057.042	7064026.914	454.716
P1-2	386059.228	7064026.614	454.661
P1-3	386060.992	7064024.287	454.523
P1-4	386067.935	7064023.394	454.577
P1-5	386070.234	7064025.138	454.463
P1-6	386071.225	7064025.004	454.451
P1-7	386072.103	7064024.886	454.440
P1-8	386126.408	7064017.573	454.651
P1-9	386124.381	7064003.050	454.121
P1-10	386123.723	7063998.256	453.879
P1-11	386113.223	7063923.096	451.658
P1-12	386105.996	7063924.057	452.553
P1-13	386100.002	7063924.855	452.587
P1-14	386071.686	7063928.625	452.726
P1-15	386074.143	7063946.602	452.754
P1-16	386071.364	7063954.714	452.698
P1-17	386068.557	7063955.099	452.632
P1-18	386067.683	7063955.219	452.595
P1-19	386066.690	7063955.356	452.604
P1-20	386059.754	7063956.309	452.538
P1-21	386058.764	7063956.448	452.598
P1-22	386059.237	7063959.681	452.653
P1-23	386041.106	7063962.172	453.072
P1-24	386046.017	7063997.911	453.514
P1-25	386047.008	7063997.774	453.512
P1-26	386051.961	7063997.094	453.490
P1-27	386052.955	7063996.980	453.517

BASIN FENCE FINAL SURFACE LEVEL			
POINT	EASTING	NORTHING	LEVEL
P2-1	386071.520	7063925.620	452.355
P2-2	386082.020	7063924.223	452.312
P2-3	386080.057	7063909.506	450.699
P2-4	386072.051	7063910.572	450.688
P2-5	386070.503	7063917.982	451.292



REV	DESCRIPTION	DRN	CHK	APPR	DATE
A	WR126685 ORIGINAL ISSUE	E. OPPERMAN	L. DE LANGE	A. M. (RPECO 24205)	04/10/2024

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KING KINGAROY SUBSTATION  
CIVIL ENGINEERING  
FENCE LAYOUT

Drawing Status	WORK IN PROGRESS
Project Number	WR126685
10015996-12	Revision A
Scale	1:250