Application for development approval



Owner details		
Name: Ross Milton	Robartson	
ABN (if applicable):		
Address:	Merredin	
		Postcode
Phone: Work:	Fax:	Email:
Home:		
Mobile: 0428411516		
Contact person for corn	espondence : Applicant	
Signature:		Date: 26 "Nov 24
Signature:		Date:
For the purposes of signin		This application will not proceed without that signature includes the persons referred to in the Planning and Schedule 2 clause 62 (2).
Applicant details (if di	fferent from owner)	
Name: Rebekah Ham	npson - Land Insights	
Address:	Perth	
		Postcode: 6000
Phone: Work:	Fax:	Email:
Home.		
Mobile:		
Contact person for com	espondence : Rebekah :	Hampson
		cation may be made available by the local the application. Yes No

Property details					
Lot No: 5	House/Street No:		Location No:		
Diagram or Plan No:	Certificate of Title Vol. N	o: 1695	Folio: 263		
Title encumbrances (e.g. e	easements, restrictive cov	enants):			
Street Name: Robartsor	n Road	Suburb: Mer	redin		
Nearest street intersection	Bruce Rock Merredin	Road			
Proposed development					
Nature of Development Minor changes to approv development - BESS faci	lity 🗗 Works				
Is an exemption from deve	lopment claimed for part o	of the developn	nent?		
If yes, is the exemption for	□ Works	}			
Description of proposed works and/or land use: Minor changes to approved development					
Description of exemption of	claimed (if relevant):				
Nature of any existing buildings and/or land use: Agricultural Purposes					
Approximate cost of proposed development: 220 million					
Estimated time of completion: 12 - 18 months					

Date: 21/11/2024

Signature:

OFFICE USE ONLY

Acceptance Officer's initials:	ate Received:
Local government reference No:	

Form 2 – Minor Amendments to Approved Battery Energy Storage System

PREPARED FOR Nomad Energy

November 2024



Prepared by:

Land Insights

PO Box 289

Mt Lawley WA 6929



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Document Name: Met Mast Development Application Rev 1

Document History:

Date	Document Revision	Document Manager	Summary of Document Revision	Client Delivered
Oct-24	Rev0	RH	Draft for Client Review	Oct-24
Nov-24	Rev1	RH	Updates after client review	Nov-24
Nov-24	Nov-24 Rev1a RH		Updates for Lodgement	Nov-24

Important Note:

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1 Introduction

1.1 Background

Approval was granted for the Merredin Battery Energy Storage System (BESS) by the Regional Development Assessment Panel (RDAP) on the 18th of April 2024 (DAP Ref: 24/02631) subject to conditions. Further design refinement of the project has been undertaken since the approval and has resulted in minor changes to the layout of the project to achieve optimal design and operation of the facility, as well as compliance with third party assessment (eg. Bushfire Management Plan). It should also be noted that these minor changes to layout and design are improvements in the design and are contained almost wholly within the existing approved footprint of the development.

The site is the subject of a recent subdivision application that has been approved with conditions by the Western Australian Planning Commission (WAPC). As part of the subdivision application process a detailed site survey was undertaken, which has now confirmed the actual site area required for the project. This has resulted in a minor (approximately 6%) increase to the site area. WAPC has been made aware of the minor increase in site size and has confirmed (see Attachment 3) that this minor amendment can be addressed at the deposited plan (1C) stage. The increase in site area facilitates the development of suitable access and crossover requirements for the project. It should also be noted that all electrical and ancillary infrastructure still fits within the original approved footprint granted by the RDAP.

Until all conditions of subdivision approval are met and cleared by the WAPC, a Certificate of Title for the separate Lot will not be issued – most likely not until early next year. This explains why the current landowner of the site has signed this Form 2 of this application. Lodging the application now will advance consideration towards a timely approval, facilitating the appointment of contractors necessary for construction early in 2025.

In submitting this Form 2 application pursuant to r.17(2) as a minor amendment to the current approved development we request that the Shire of Merredin make the determination of the application in line with Schedule 2 clause 77 of the Planning and Development (Local Planning Schemes) Regulations 2015 to agree replacement of the Approved Plans and Elevations with the updated design layout and elevations.

Consistent with the previous DAP application the site remains as an agricultural property and does not contain any areas of remnant vegetation. It should also be noted that the local planning framework has not changed since the original application was approved earlier this year.

This report contains the following Attachments for your consideration

- Attachment 1 Signed Form 2
- Attachment 2 Updated Layout Plans and Elevations

OLD DRAWING	REPLACEMENT DRAWING
MBB – GA - 00 A Overall site general arrangement	J25-0323-EL-GNA-003_C1 Overall site general arrangement

MBB – GA – 01 A132/33kv Substation	J25-0323-EL-GNA-001-D1 132kV Substation
MBB – GA – 02 A BESS general arrangement	J25-0323-EL-GNA-002_C1 BESS general arrangement
MBB – EL – 231011 A Exterior fence & gates elevation	BPER00811-002-DWG-0781_A Fence section & Details BPER00811-0002-DWG-0782_A Gate sections & Details
MBB – EL – 231012 A Switchroom/Control building elevation	J25-0323-EL-ELV-002_A1 Switchroom elevation J25-0323-EL-ELV-003_A1 WP Relay Room Elevation
MBB-EL-231019 A Typical access track cross section	
	BPER00811_0002_DWG-0100_B Site Plan
	BPER00811-0002-DWG-0110_B Development Approval Plan
	J25-0323-EL-ELV-001_A1 132kV Switchyard Elevation
	J25-0323-EL-LAY-008_A1 Construction Compound Layout

• Attachment 3 – WAPC email confirmation

2 The proposal

2.1 Overview

The BESS facility and associated substation and ancillary infrastructure will retain an export capacity of approximately 100MW / 400MWh and is still located adjacent to the existing Merredin Terminal Substation. The proposed changes described in this Form 2 application for the site are minor in nature and do not defer from the intention of the issued approval. No proposed changes to the components that will be on site are proposed and fall within the area that is approved as part of the previously mentioned subdivision application. Some of the changes that have occurred are required by either the manufacturers of the components, or other entities such as Western Power and inform the refinement of the design. The proposed changes are outlined in the following sections. Revised plans are attached (see Appendix 2).

2.2 Components

As outlined in the previous report lodged with the RDAP the components included within the development include the following:

• 110 – 120 Battery containers

- 6 Ring Main Units (RMU's) and 28 MV Transformers
- A HV/MW Switchyard
- A Western Power relay room
- Substation (with bunding to approved standards)
- Parking for workers for both the construction and post construction phase
- Operation and Maintenance building
- Spare parts building
- Internal roads (built to the required standards of both the Shire and Bushfire Requirements)
- Firefighting Infrastructure (to standards outlined in the Bushfire Management Plan)
- Development to support the construction phase

2.3 Changes to approved plans

The following describes changes which resulted from design refinement:

Battery Units

The current RDAP approval shows the battery units aligned in an east-west pattern on the site, design refinement now aligns the battery packs in a north-south pattern over the site. This change will have no significant impact on the site nor its surrounds. The project remains located behind the dam off Robartson Road and adjacent to the existing infrastructure located at the adjacent existing Western Power substation (south of the proposed development). The footprint, size and approximate location of the battery packs, as well as the number within the surveyed site boundary is the same as for the current approved development.

Ring Main Units & MV Transformers

The design refinement has reduced the number of required Ring Main Units to 6 over the site and these will sit between the battery packs as they did in the original approval. There are also 28MV transformers across the site and as per the previous approval these will sit in between the battery packs. This alignment will not have a detrimental effect on the site, nor its surrounds as their location is the same as the current approved development sited in between the battery units on site with the visual impact of the components the same as the previous approval.

HV/MV Switchyard

The refined design in relation to the HV/MV switchyard has seen a small reduction in size and has moved eastwards closer to the BESS units. The switchyard along with other electrical and ancillary equipment sits within the approved footprint of the previously approved development and consists of the same components just in a slightly altered configuration. This slight change in location has occurred as the control room has moved from in between the battery packs and the switchyard to the north of the switchyard. The change in location will have no detrimental effect on the site nor it's surrounds in terms of the management of the facility nor the visual impact of the facility.

Control Room Building

The control room building is moved from the eastern side of the switchyard to the north of the switchyard. The building is consistent with the current approved footprint and as changed it will not have any detrimental effect on the site, nor it's surrounds nor the visual impact of the development.

Western Power relay room

Under the previous approval a requirement for a Western Power/Comms Building which is the relay room was shown as *Additional Control Building (if required)* along the southern boundary of the site. The design refinement process and further negotiations with Western Power have indicated the need for this building on site to operate the facility to safe standards. The development of the building has no detrimental effect on the site nor its surrounds. As part of the required infrastructure on the site it blends with the other infrastructure within the approved footprint.

Substation

The substation is moved slightly to the east closer to the BESS facility, a move facilitated by placing the control building/switch room to the north of the switchyard. The substation will be bunded to the appropriate standards within the approved boundary and adjacent to the existing Western Power substation. This redesign has no detrimental impact on the overall visual impact of the development with the components being the same and just moved slightly to the east. The substation will be fenced separately from the BESS facility with an access gate to the north (approximately 6 metres wide), this is a requirement of Western Power to facilitate joint access to the site.

Warehouse and Storage Building

During further design iterations and discussion with the BESS OEM (Tesla) the requirement for a larger warehouse, spare parts and storage building was identified to meet supplier recommendations. This building has moved from the southwestern side of the battery packs to the eastern side of the battery packs. This move will not have a detrimental impact on the overall design of the facility nor the visual impact of the facility as the proposed development will be contained within the existing footprint of the already approved development.

Internal Roads

The updated plans that form part of this application show the internal and access roads required for the BESS facility and other ancillary infrastructure within the site. As mentioned previously a detailed site survey was undertaken as part of the subdivision application, and this increased the footprint of the site slightly to allow for the required space for the internal roads and crossover to the site. The main access to the site is now shown on the plans and is shown to be 6.9 metres in width. A gated entrance to the BESS facility will have 2-way access and will be fenced and gated with the access being approximately 9.1m. Internal roads within the BESS facility are proposed to be 5m and a proposed laydown area to the east of the subject site.

The substation and control room will be fenced separately with the proposed access road to this area being constructed to a width of 6m with secure gates being located to the north of the substation within the approved development footprint.

Firefighting Infrastructure

A requirement for a tank for bushfire management and risk was detailed in the Bushfire Management Plan (BMP) that formed part of the approval granted by the RDAP on the 18th of April 2024. As part of the design iterations a suitable location was identified for the placement of these tanks and is now shown on the plan in the northwest corner of the development to the west of the operations and maintenance building which is in line with the recommendation from the BMP.

The tank requirement for firefighting purposes on the site, their location in this position is necessary (as per BMP) suitable and has no detrimental effect on the site nor its surrounds. It is located within the current approved footprint of the development.

Operations and Maintenance Building (O&M)

The previous approval showed 2 smaller O&M buildings on the site, as part of the design refinement these buildings have been combined to create 1 O&M building. The combined O&M building has been moved to the north of the control room building and will be fenced along with the BESS facility, separate to the switchyard and control room and remains within the original footprint along with all the other ancillary equipment. The combined O&M building means that there is not a duplication of facilities that are contained within the 1 building and include a workspace with desks, a meeting room, a kitchenette, bathrooms and a SCADA/COMMS and Storage Room. The justification for the components within the O&M building is that the following is required by Tesla and the operator of the BESS facility during the construction phase and for monitoring and maintenance of the facility post construction:

- Tesla requirements as per their on-site maintenance infrastructure requirements (Level 5) minimum of 7 x office desks.
- BoP contractor requirements 2 x office desks
- Owner representative 1 x office desk

Parking & Laydown Area

A laydown area has been identified for the construction phase to the east of the site. This will be used for the construction compound, site office, ablution blocks, water tank, storage units and additional parking and the laydown of equipment during the construction phase. Six (6) constructed and marked parking bays have also been identified to the west of the site, used by workers for operational and maintenance purposes onsite as well as Western Power.

3 Conclusion

This application is seeking to update the current Approved Plans to reflect the process of design refinement for the BESS facility. As noted previously the site has had a detailed survey undertaken as part of an approved subdivision which has led to a small increase of approximately 6% in size of the previously

approved plan, however it should also be noted that the previously approved plan indicated that the boundary was approximate. This increase in the size of the site has meant that the proposal meets requirements in relation to internal roads and the construction of a suitable crossover to the site. The revised plans and supporting Planning Report explain the minor changes which resulted from detailed design refinement. The revision and refinement of the components on the site and all electrical and ancillary equipment is still contained within the original footprint on Lot 5 Robartson Road in the Shire of Merredin as approved by the RDAP on the 18th of April 2024.

There will be no detrimental effect on the site nor its surrounds from this refinement of design, with the components being the same as the previous approval with the re-organisation of layout to ensure that operations on the site are optimal and meet the requirements of those supplying the components and Western Power.

The proposal therefore warrants approval for the following reasons:

- The proposed development as approved is still consistent with both the local and state planning framework as demonstrated in the report that accompanied the RDAP approval on the 18th of April 2024.
- The proposed development still contains the components of the previously approved development, just moved slightly within the approved development footprint and as determined in the previous application it will not have a detrimental visual impact over the site or its surrounds.
- The proposed BESS facility and implementation is still informed and supported by the technical documents that formed part of the approval granted by the RDAP on the 18th of April 2024 and is still subject to the conditions that formed part of that decision

The proposed revision to the layout of development is therefore recommended for consideration by the Shire of Merredin because it meets both state and local planning frameworks objectives and requirements. The changes to the development will allow for a better design layout for optimal operation of the facility.

These minor changes should be supported for approval and this Form 2 application recommended for Approval with the same conditions that formed part of the approval from the RDAP on the 18th of April 2024.

Attachment 1 – Signed Form 2

DAP FORM 2

Application for amendment or cancellation of a Development Assessment Panel determination

Planning and Development Act 2005
Planning and Development (Development Assessment Panels) Regulation 2011 – regulations 17 & 21

Part A: Development Application Previously Determined

DAP File No (DPLH Reference)	DAP/24/02631			
Planning Scheme(s)	Name of planning scheme(s) that applies to the prescribed land Shire of Merredin Planning Scheme No 6			
Land	Lot number, street name, town/suburb Lot 5 Robartson Road, Merredin			
	Volume Number	Folio		
Certificate of Title	1695	263		
(provide copy)	Location Number	Plan / Diagram Number		
Description of development	Minor Changes to Battery Energy Storage System and associated infrastructure			
Existing Use	Residential / Commercial / Industrial / Rural / Mixed Use /Community Housing/ Other Rural			
Proposed Amendments	Refinement of development and minor changes based on detailed design of the proposal being undertaken.			
Original DAP Determination Date	18th of	f April 2024		

Part B: Applicant Details

provided above.

(to be completed and signed by the applicant)

 By completing this notice, I declare that all the information provided in this application is true and correct. I understand that the information provided in this notice and attached forming part of the development application will be made available to the public on the Development Assessment Panel and local government websites. 				
Name/Company	Land Insights			
Contact Person	Rebekah Hampson			
Address		stcode		
Contact Details				
Signature Date				
Please note: unless otherwise requested, the DAP Secretariat will contact you via your nominated email address				

Part C: Landowner Details

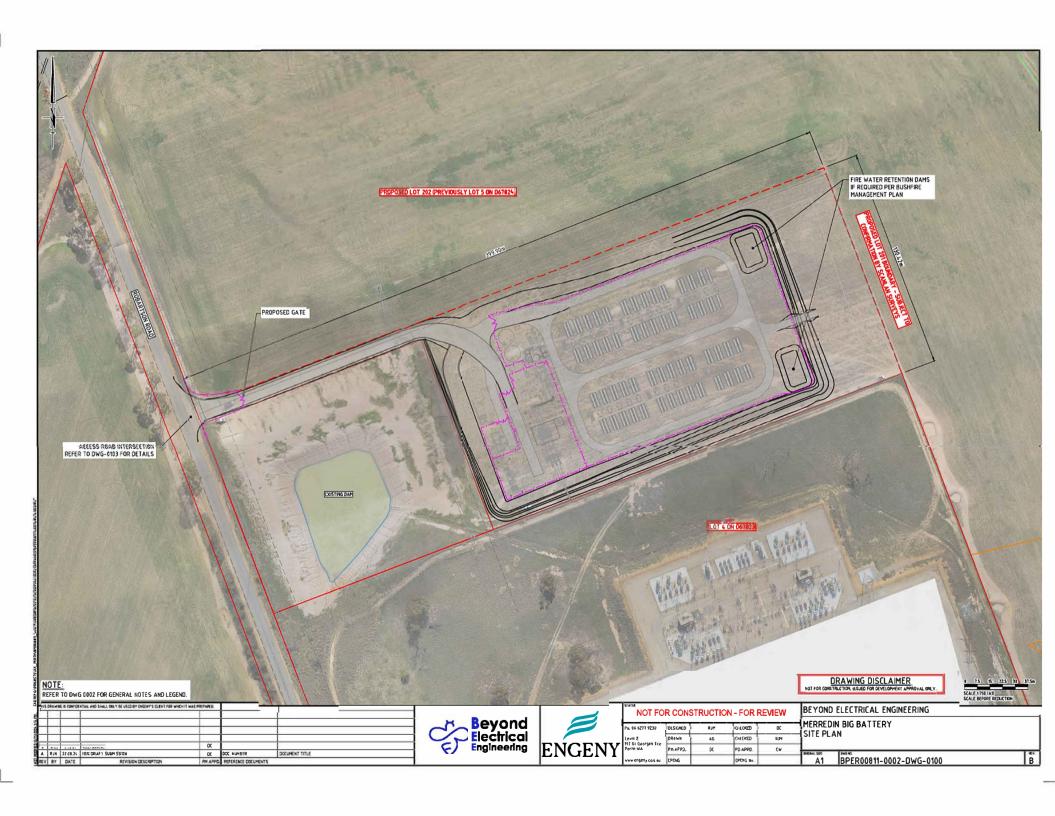
(to be completed and signed if landowner is different from applicant)

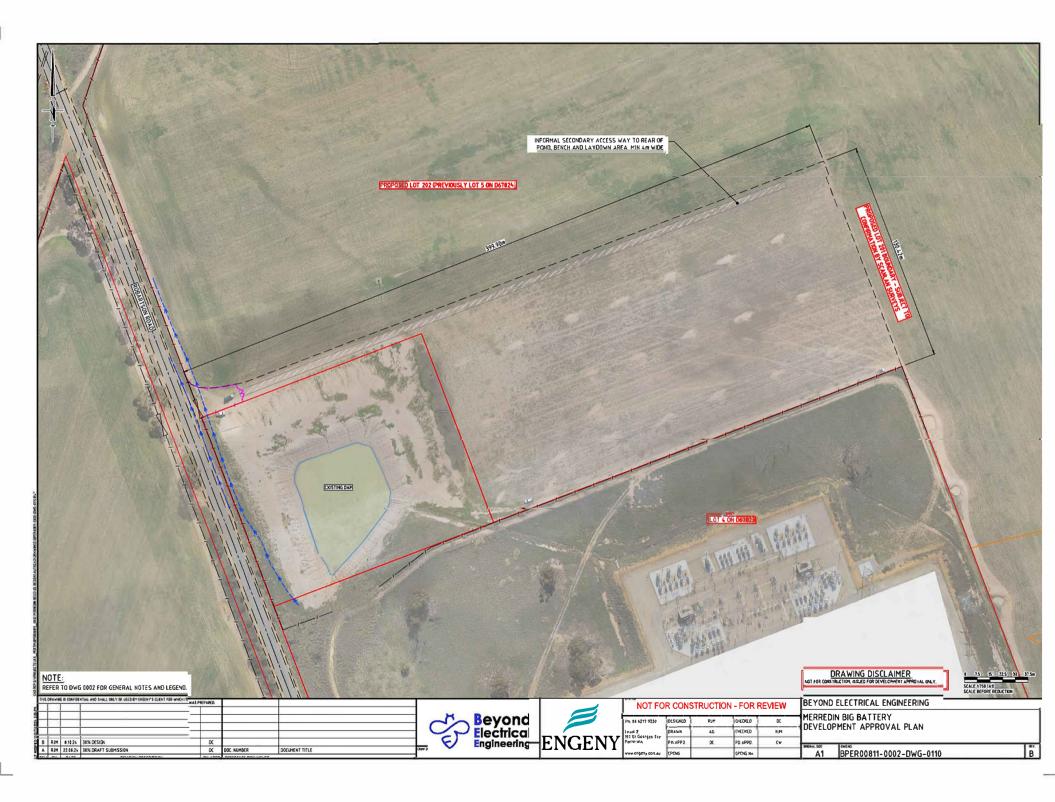
If there are in Signatures in Title. Alternatively provided. Companies company have a company have a company in the signature.	Tions than two landowns nust be provided by all a letter of consent, where required to provide as a sole director and pany secretary.	ich is signed by all registere	ent information of an authorise of proprietors or a director e sole company	or a separate page of agent as shown on the Certificate of by the authorised agent, can be rand a company secretary unless the secretary, or the company does not
Company (if applicable)				
ACN/ABN (If applicable)				
Contact Details	Email			Phoee
Address		ox number, street name, su redin Western Austra		toode
Name/s	Ross Milto	on Robartsor	ו	
Title/s	Lendowner/Sole Direc	1007 Director (2 elgratures require	4 Additional L	andowner/ Director/Secretary (# accitable.
Signature/s				
Cate	7 Nov	24		
Provider's Nam Contact Details	ly Housing Provider			
Part D: Amend	ment Requested			
Please specify th	e amendments/modific	ations required to the origin	al determination.	[please tick one more of the following]:
to amend or	i; delete any condition to a aspect of the develop	which the approval is subje	d;	t approved must be substantially to substantially thange the development

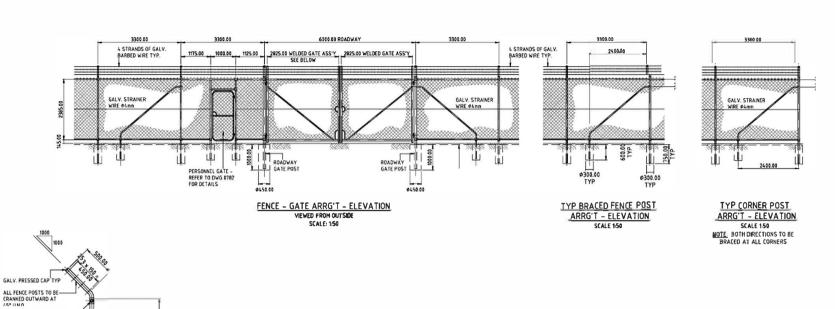
Part E: Acknowledgement by local government (to be completed and signed by a local government planning officer)

Responsible Authority	Authority		
* DUAL reporting details	If DUAL is selected, please provide details of relevant provision (or within covering letter)		
DAP Fee	\$264.00 has been paid by the applicant (DAP Regulations - Schedule 1)		
Chahatama Tima afuana a	60 days (advertising not required) 90 days* (advertising required or other scheme provision	٦)	
Statutory Timeframe (regulation 12)	*If 90 days is selected, please provide details of advertising requirement or other scheme provision		
LG Reference Number			
Name of Planning Officer (Report Writer)			
Position/Title	Position/Title		
Contact Details Phone		Phone	
Planning Officer's Signature		Date	

Attachment 2 – Updated Layout Plans & Elevations







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ROADWAY GATE POST

FENCE - ELEVATION SCALE 150

HARMONIC FILTER ENCLOSURE

TYP INTERMEDIATE FENCE POST SCALE 120

FENCE NOTES:

- ALL CHAM-LINK FENCING TO COMPLY WITH AS1725-2010 PART THEAVY
- OUTY FABRICE Some PICH ix 3.5mm wire IRAVY GALV.
 FENCING COMPONENTS SHALL 3E GALV, MEDIJH GRADE STEEL PPE TO
 AS1163-C250LO, AS FOLLOWS UNO.

ROAD GATE POST - 889 0.0. x 4mm W.T. (DMS0)
PERSONNEL GATE POST - 60.3 0.0. x 3.6mm W.T. (DMS0) END POST - 60.3 0.D. x 3.6mm W.T. (DNS0)

CORNER POST - 60.3 0.D. x 3.6mm W.T. (DNS0) CURREN 7051 - 503 70D x 36mm w. 1. CMP501

STRANER POST - 693 0D x 3.6mm w. T. (CM50)

NTEMPEDIATE POST - 483 0D x 3.2mm w. T. (DN46)

DIAGONAL BRACE - 42.4 0D x 3.2mm w. T. (DN32)

TOP & BOTTOM RAES - 42.6 0D x 3.2mm w. T. (DN32)

- 3. ALL CHAINLI INFABRIC IS TO BE TIED IN PLACE USINGHEAVY GALV & 2mm STEEL MINE AND/OR GALV. PROPRETARY FASTENERS STRICTLY IN ACCORDANCE WITH MANUFACTURER'S DETAILS & INSTRUCTIONS CHAIN LINK FABRIC IS TO BE FOXED TO THE OUTSIDE OF THE FENCE POSTS.

- CHAIN LIMK FABRIC IS TO HAVE TOP & BOTTOM SELVEDGES KNUCKLED.
 ALL WIRES TO BE JOINED BY FIGURE OF 8 KNOT OR WRE JOINERS AS PER INDUSTRY STANDARD.
- ALL WIRE & & PIPE WALL THICKNESS DO NOT I NICLUDEGALY. COATING THICKNESS

 B. POSTS TO BE VERTICAL, WITHIN TOLERANCE OF 1:50 AND HAVE PRESSED
- INDENTED CAPS.
 CONFIRM ALL DIMENSIONS ON SITE PRIOR TO COMMENCING ANY
 CONSTRUCTION OR FABRICATION.
- ALL FENDING TO BE EARTHED AT MAX 28th SPACING, AT CORVERS AND/OR AS DIRECTED BY THE ELECTRICAL ENGINEER
 ALL GATES ARE TO BE EARTHED TO THE MEAREST GATE POST.

12. CONCRETE FOR FEN CEPOSTS TO BE 25MPa IN25 MI XI

REFER TO DWG 0002 FOR GENERAL NOTES AND LEGEND.

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PERSONNEL GATE -REFER TO DWG 0782 FOR DETAILS



NOT FOR CONSTRUCTION - FOR REVIEW					
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PD APPB.

CPENG NA.

PH APPD

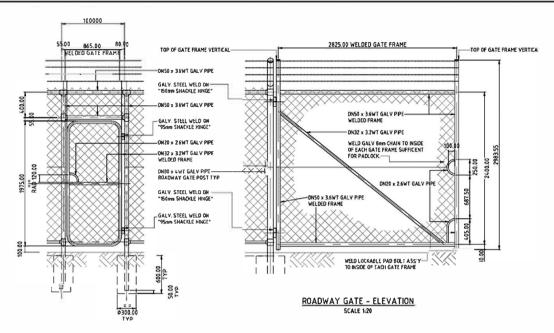
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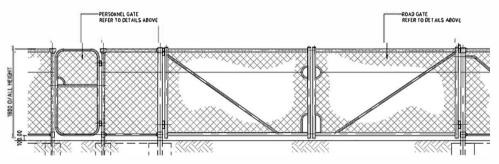
BEYOND ELECTRICAL ENGINEERING MERREDIN BIG BATTERY FENCE SECTIONS AND DETAIL

BPER00811-0002-DWG-0781

SCALE BEFORE REDUCTION



PERSONNEL GATE - ELEVATION SCALE 1:20



HARMONIC FILTER ENCLOSURE GATE ARRETT - ELEVATION SCALE 1:25

A KJW 30X DESIGN

REFER TO DWG 0002 FOR GENERAL NOTES AND LEGEND.

REVISION DESCRIPTION

DOCUMENT TITLE

REMUN 200

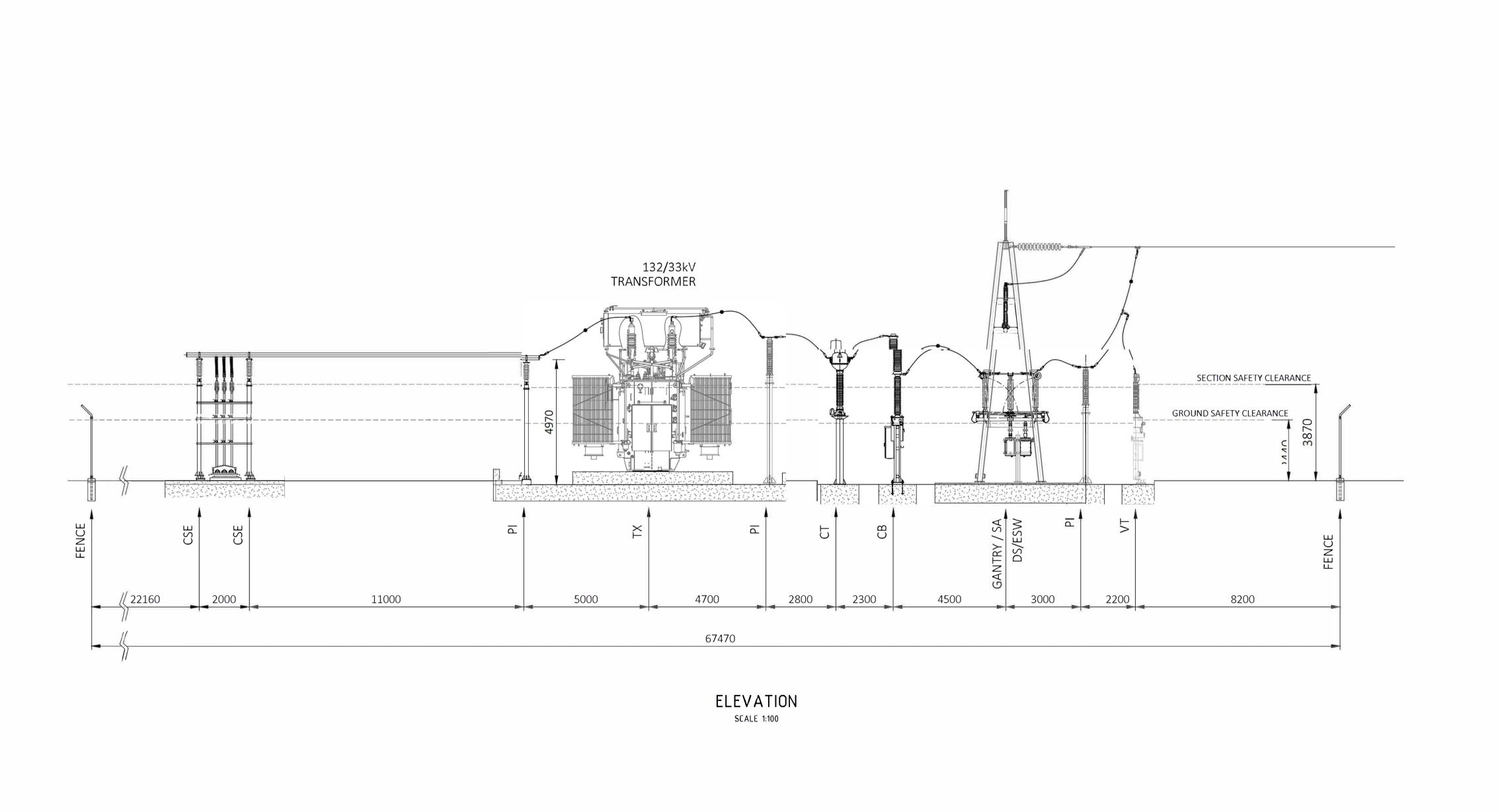
REFER TO DWF 0781 FOR FENCE NOTES



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CPENG No.

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		DIN BIG BATTERY ECTIONS AND DETAIL	
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Reference Title

A1 PRELIMINARY

Rev

Revision Details

15/11/2024 MOC

MN

DATE DRN DES ENG CHK REG ENG REG NO Drawing No.

NOTES:

- 1. ALL DIMENSIONS ARE IN MILLIMETERS.
- 2. REFER TO DRAWING J25-0323-EL-GNA-002 THE BESS FACILITY GENERAL ARRANGEMENT.
- 3. REFER TO DRAWING J25-0323-EL-GNA-003 THE OVERALL SITE GENERAL ARRANGEMENT.
- 4. THE PRELIMINARY SUBSTATION DESIGN CONSIDERS A 2700mm GALVANISED WIRE FENCE, WITH A 500mm CANTED-OUT BARBED WIRE ANTI-CLIMB TOP.
- 5. SPACERS TO BE INSTALLED AT 2m INTERVALS.
- 6. FOR BUSBAR AND FLEXIBLE CONDUCTOR SIZES, REFER TO THE BUSBAR CALCULATION REPORT, J25-0323-EL-REP-008.
- 7. FOR TRANSFORMER BUND DETAILS, REFER TO DRAWINGS J25-0323-EL-DET-001 TO -003.

LEGEN	D
СВ	CIRCUIT BREAKER
CT	CURRENT TRANSFORMER
VT	VOLTAGE TRANSFORMER
DG	DIESEL GENERATOR
DS	DISCONNECTOR
ESW	EARTH SWITCH
LM	COMBINED LIGHTNING / LIGHT MAST
SA	SURGE ARRESTOR
TX	TRANSFORMER
PI	POST INSULATOR
CSE	CABLE SEALING END

MINIMUM ELECTRICAL	CLEARANG	IES
AUSTRALIAN STANDARD: AS2067:2016		
NOMINAL VOLTAGE	132kV	33kV
PHASE - EARTH CLEARANCE	1300	380
PHASE - PHASE CLEARANCE	1495	440
GROUND SAFETY CLEARANCE	2440	2440
SECTION SAFETY CLEARANCE	3870	2860
HORIZONTAL WORK SAFETY CLEARANCE	3330	2320
VERTICAL WORK SAFETY CLEARANCE	2770	1760

PRELIMINARY

2000 4000 6000 8000 10000 mm

SCALE BAR 1:100

MERREDIN BIG BATTERY
132/33kV SUBSTATION & BESS
132kV SUBSTATION
ELEVATION

Drawing Status
PRELIMINARY

Drawing N°

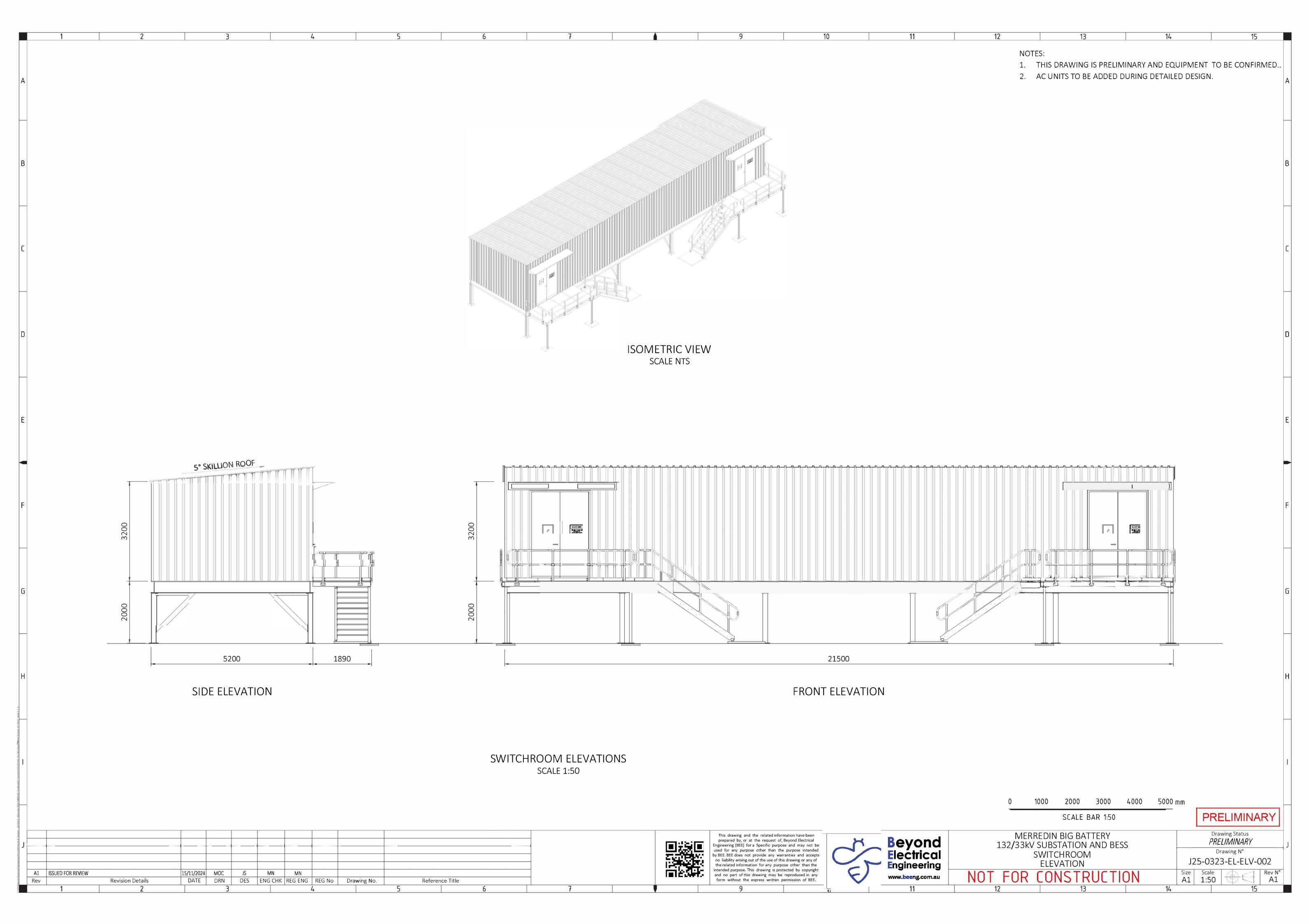
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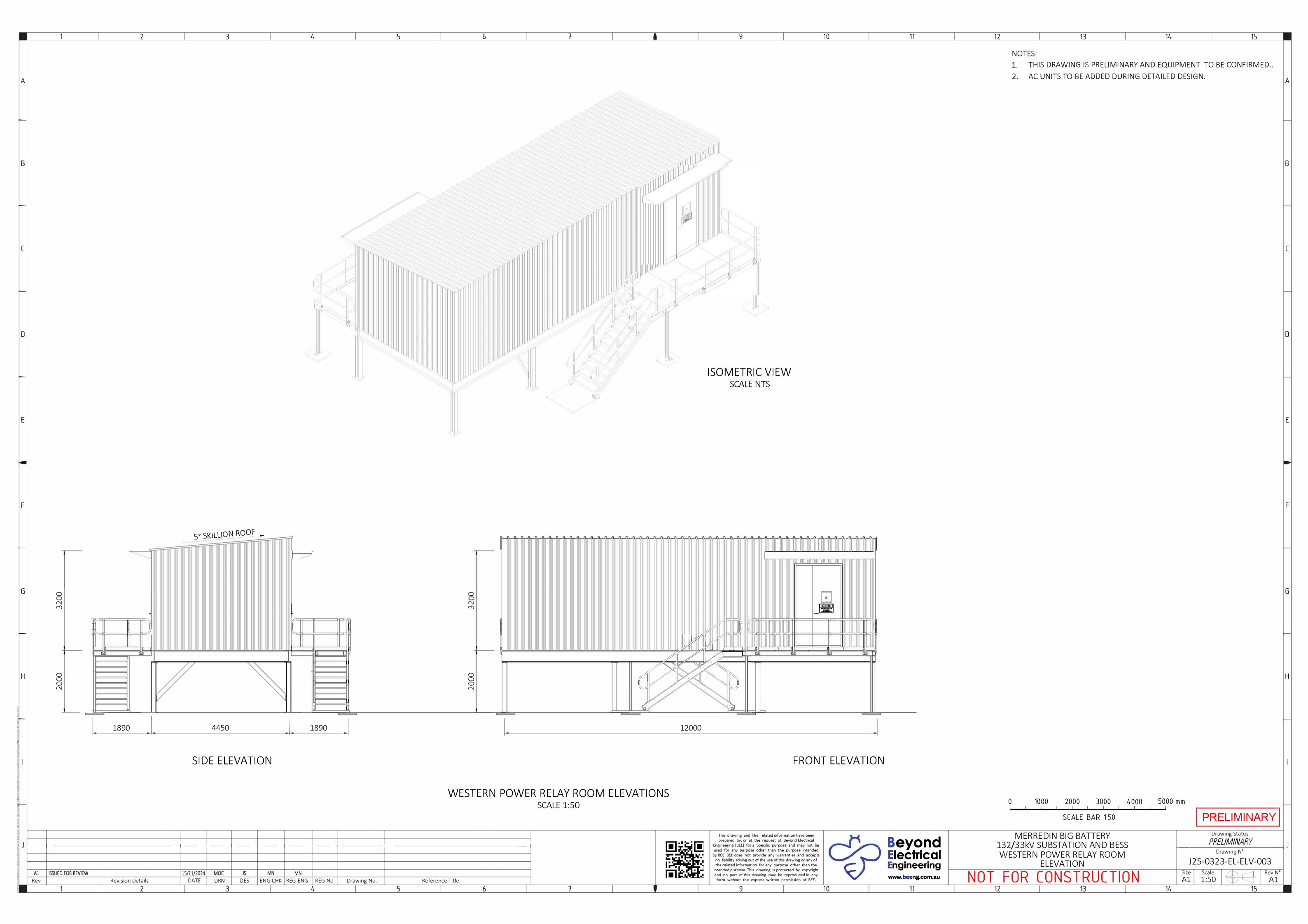
Size Scale
A1 1:100 - Rev N°
A1

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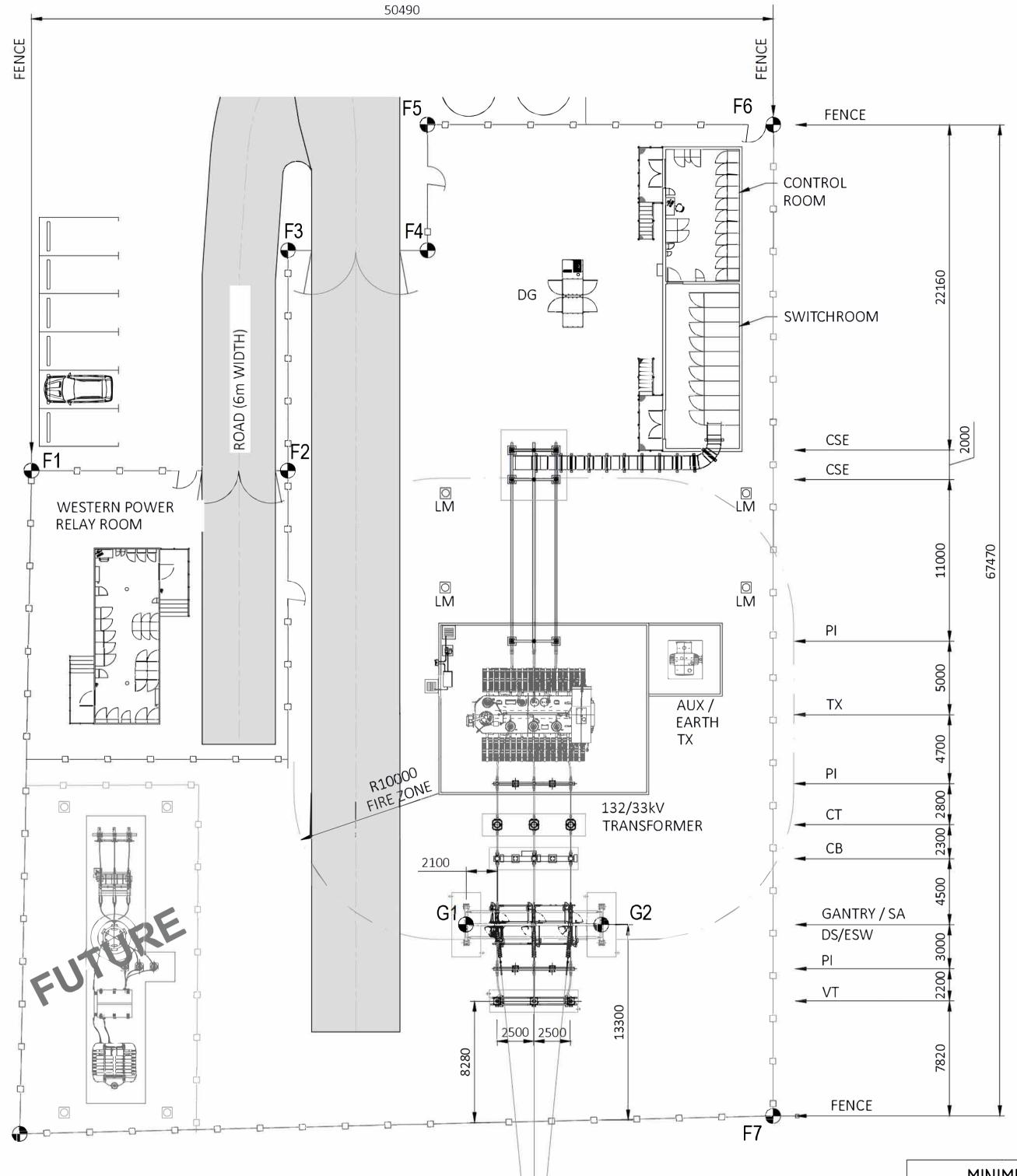
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Beyond Electrical Engineering









SITE PLAN

SCALE 1:200

SW	ITCHYARD	SETOUT	POINTS
MARKER	EASTING	NORTHING	DESCRIPTOR
F1	616344.539	6510094.594	FENCE
F2	616360.855	6510100.817	FENCE
F3	616355.510	6510114.832	FENCE
F4	616364.379	6510118.214	FENCE
F5	616361.325	6510126.201	FENCE
F6	616383.319	6510134.592	FENCE
F7	616407.339	6510071.539	FENCE
F8	616359.885	6510052.132	FENCE
G1	616383.203	6510076.262	GANTRY
G2	616391.799	6510079.542	GANTRY



KEY MAP

- 1. ALL DIMENSIONS ARE IN MILLIMETERS.
- 2. REFER TO DRAWING J25-0323-EL-GNA-002 THE BESS FACILITY GENERAL ARRANGEMENT.
- 3. REFER TO DRAWING J25-0323-EL-GNA-003 THE OVERALL SITE GENERAL ARRANGEMENT.
- 4. THE PRELIMINARY SUBSTATION DESIGN CONSIDERS A 2700mm GALVANISED WIRE FENCE, WITH A 500mm CANTED-OUT BARBED WIRE ANTI-CLIMB TOP.
- 5. SPACERS TO BE INSTALLED AT 2m INTERVALS.
- 6. FOR BUSBAR AND FLEXIBLE CONDUCTOR SIZES, REFER TO THE BUSBAR CALCULATION REPORT, J25-0323-EL-REP-008.
- 7. FOR TRANSFORMER BUND DETAILS, REFER TO DRAWINGS J25-0323-EL-DET-001 TO -003.

LEGEND	
СВ	CIRCUIT BREAKER
СТ	CURRENT TRANSFORMER
VT	VOLTAGE TRANSFORMER
DG	DIESEL GENERATOR
DS	DISCONNECTOR
ESW	EARTH SWITCH
LM	COMBINED LIGHTNING / LIGHT MAST
SA	SURGE ARRESTOR
TX	TRANSFORMER
PI	POST INSULATOR
CSE	CABLE SEALING END

MINIMUM ELECTRICAL CLEARANCES AUSTRALIAN STANDARD: AS2067:2016 NOMINAL VOLTAGE 132kV 33kV PHASE - EARTH CLEARANCE 1300 380 PHASE - PHASE CLEARANCE 1495 440 GROUND SAFETY CLEARANCE 2440 2440 SECTION SAFETY CLEARANCE 3870 2860 HORIZONTAL WORK SAFETY 2320 CLEARANCE VERTICAL WORK SAFETY CLEARANCE 1760

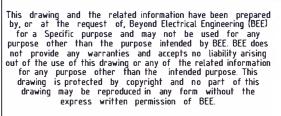
PRELIMINARY

12000 16000 20000 mm

SCALE BAR 1:200

D1 ISSUED FOR REVIEW 15/11/2024 MOC MN D ISSUED FOR REVIEW 09/10/2024 MOC C ISSUED FOR REVIEW B ISSUED FOR REVIEW MN A PRELIMINARY 24.07.24 PB MN BW DATE DRN DES ENG CHK REG ENG REG NO Drawing No. **Revision Details** Reference Title Rev





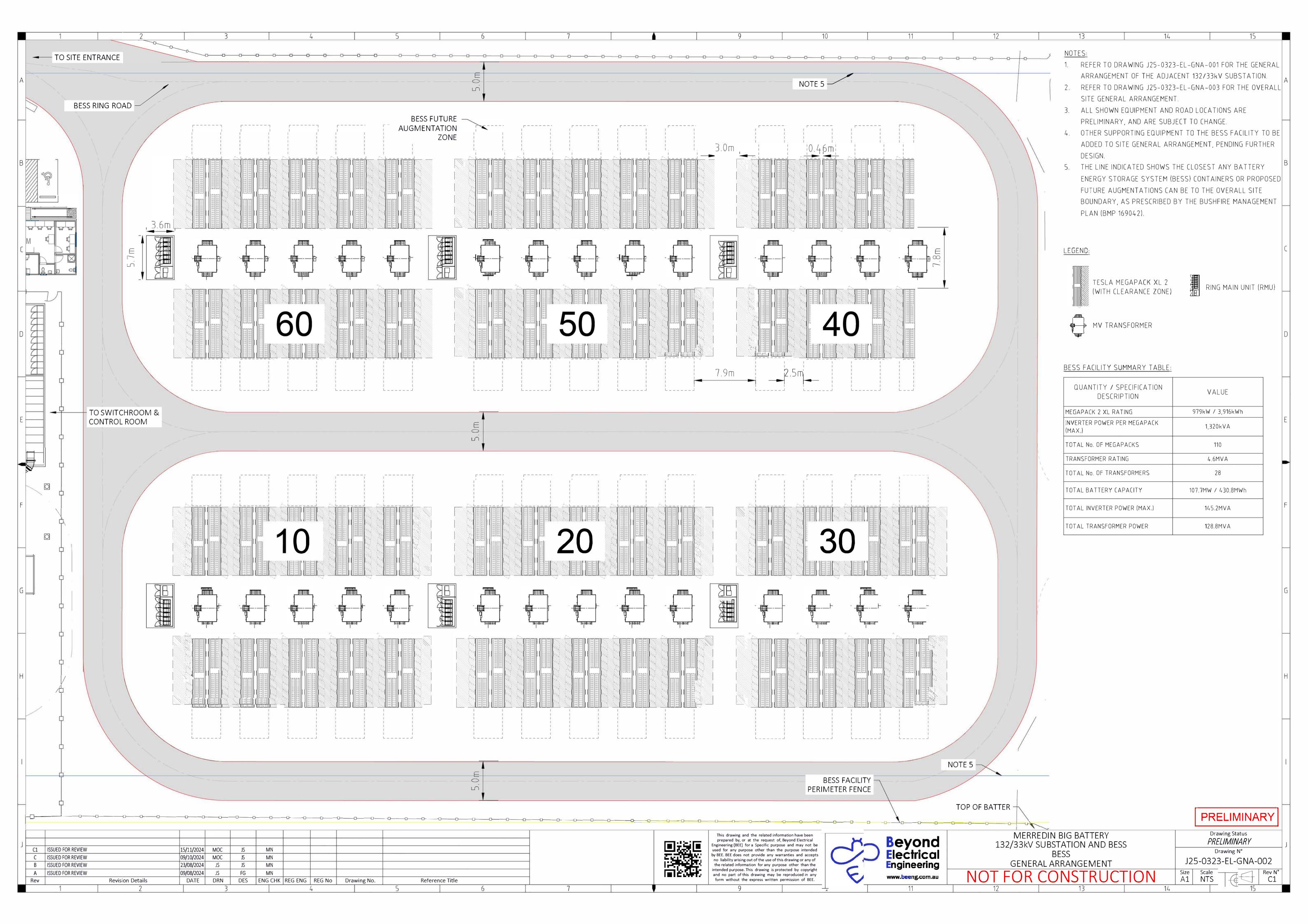


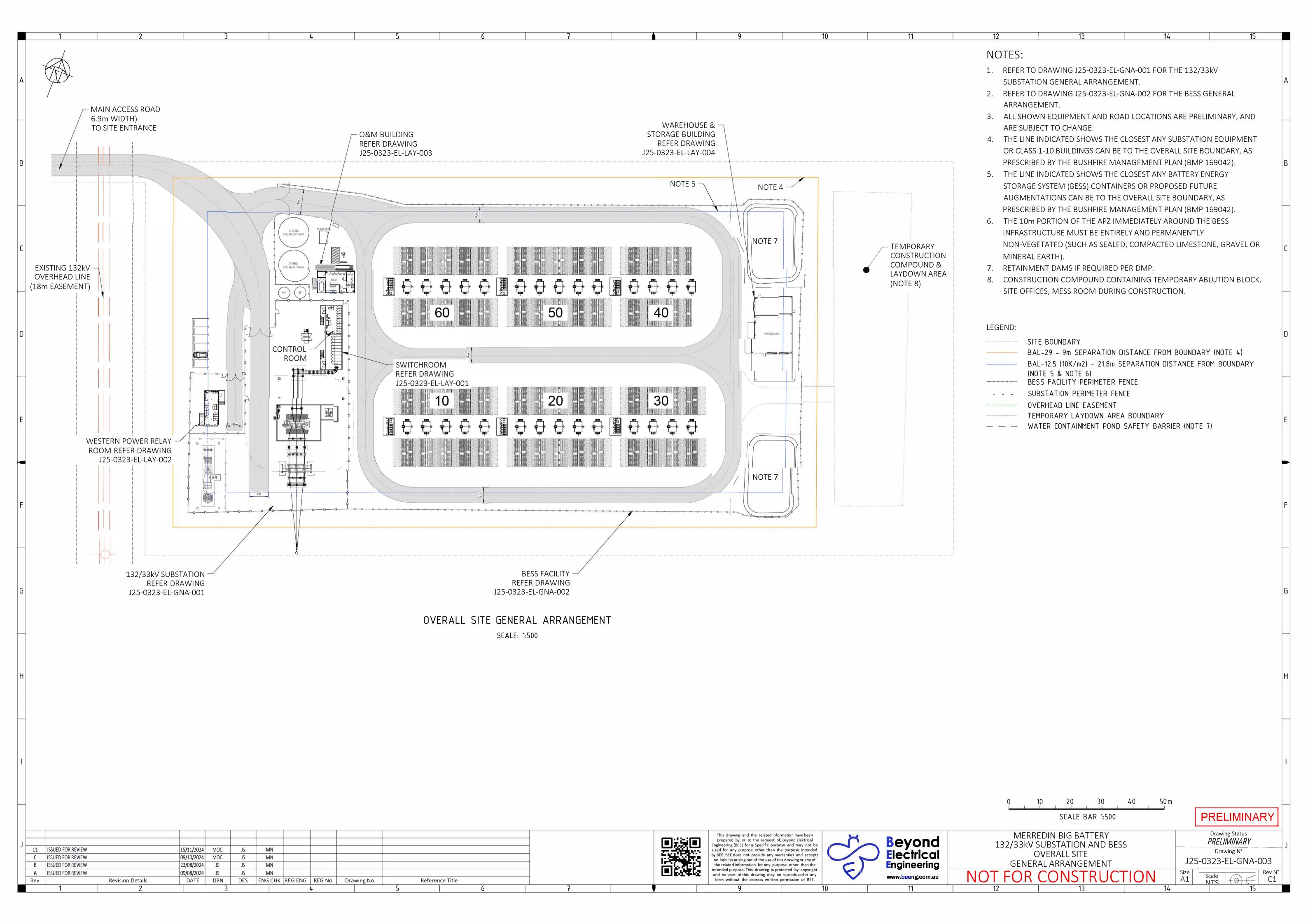


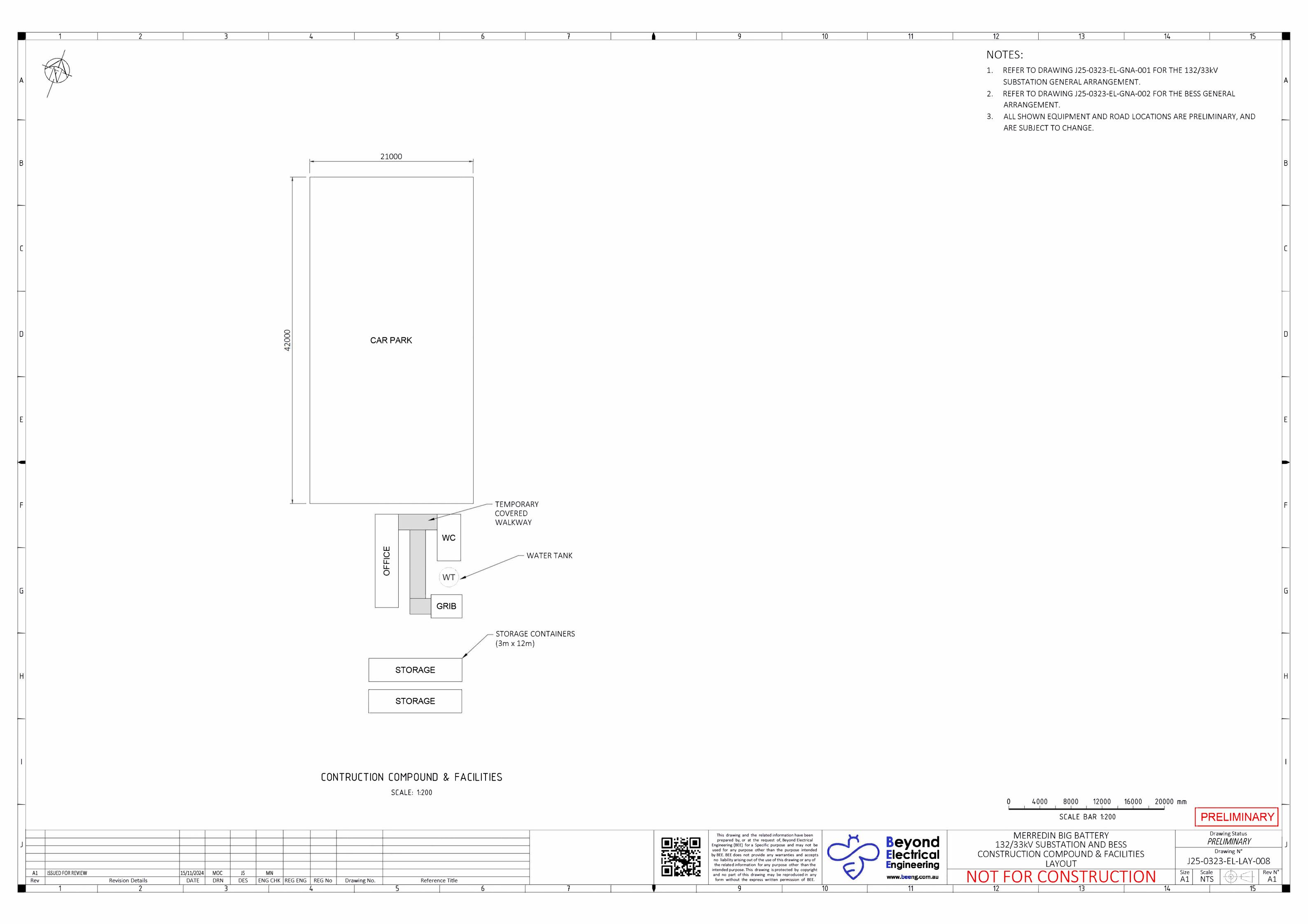
MERREDIN BIG BATTERY 132/33kV SUBSTATION AND BESS 132kV SUBSTATION GENERAL ARANGEMENT

Drawing Status PRELIMINARY Drawing N° J25-0323-EL-GNA-001

Size Scale A1 1:200







Attachment 3 – WAPC email confirmation

Kayleigh Bodycote

From: Kayleigh Bodycote

Sent: Wednesday, 25 September 2024 1:45 PM

To: Regional Central Planning

Cc: Gary James

Subject: RE: Decision Letter for WAPC Application 200246

Thanks so much, Cath

That's great, I'll let the client know.

Have a lovely week!

Kind Regards

Kayleigh Bodycote







From: Regional Central Planning

Sent: Wednesday, 25 September 2024 1:40 PM

To: Kayleigh Bodycote

Cc: Gary James

Subject: RE: Decision Letter for WAPC Application 200246

OFFICIAL

Hi Kayleigh

Yes, this is fine - sorry if that advice didn't get to you.

The confirmation is on file for when the DP is lodged.

Cheers

Cath

Cath Meaghan

Planning Director | Land Use Planning

Department of Planning, Lands and Heritage





Now it's easier to leave feedback on projects that may affect you. Visit haveyoursay.dplh.wa.gov.au today.

The Department of Planning, Lands and Heritage acknowledges Aboriginal people as the traditional custodians of Western Australia. We pay our respects to the Ancestors and Elders, both past and present, and the ongoing connection between people, land, waters and community. We acknowledge those who continue to share knowledge, their traditions and culture to support our journey for reconciliation particular, we recognise land and cultural heritage as places that hold great significance for Aboriginal people. Learn more about our <u>Reconciliation Action Plan.</u>

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From: Kayleigh Bodycote >

Sent: Wednesday, 25 September 2024 12:10 PM

To: Regional Central Planning

Subject: FW: Decision Letter for WAPC Application 200246

OFFICIAL

Hi there

Just forwarding the below as I sent Gary an email this morning and received an out of office reply.

He may have already sent it on last week, however the client has followed up with us so I though I would follow up just in case ©

Please do not hesitate to contact me if you have any questions.

Kind Regards

Kayleigh Bodycote

Office Administrator





From: Kayleigh Bodycote

Sent: Thursday, 19 September 2024 11:26 AM
To: Gary James <

Subject: RE: Decision Letter for WAPC Application 200246

Hi Gary

I hope you are well.

Our client has asked if the WAPC could confirm that the attached amendment will be ok to address at lodgement (1C) stage?

Kind Regards

Kayleigh Bodycote





From: Gary James

Sent: Friday, 6 September 2024 2:09 PM

To: Kayleigh Bodycote Subject: RE: Decision Letter for WAPC Application 200246

OFFICIAL

Hi Kayleigh

I have been advised that a change to the access leg boundary to allow truck movements should be fine to be addressed at the deposited plan stage.

If you want certainty, you can submit a plan before that for us to comment on.

Kind regards

Gary James

Senior Planning Officer | Land Use Planning Department of Planning, Lands and Heritage



The Department is responsible for planning and managing land and heritage for all Western Australians - now and into the future

The Department acknowledges the Aboriginal people of Western Australia as the traditional custodians of this land, and we pay our respects to their Elders, past and present.

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From: Kayleigh Bodycote

Sent: Thursday, September 5, 2024 12:09 PM

To: Gary James <

Subject: RE: Decision Letter for WAPC Application 200246

OFFICIAL

Thanks so much, Gary

Have a lovely afternoon!

Kind Regards

Kayleigh Bodycote







From: Gary James

Sent: Thursday, 5 September 2024 11:08 AM

To: Kayleigh Bodycote <

Subject: RE: Decision Letter for WAPC Application 200246

OFFICIAL

Hi Kayleigh

I have forwarded your request to the officers who approve the DPs.

Will let you know what they say about your request.

Cheers

Gary James

Senior Planning Officer | Land Use Planning Department of Planning, Lands and Heritage



The Department is responsible for planning and managing land and heritage for all Western Australians - now and into the future

The Department acknowledges the Aboriginal people of Western Australia as the traditional custodians of this land, and we pay our respects to their Elders, past and present.

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From: Kayleigh Bodycote <

Sent: Thursday, September 5, 2024 10:22 AM
To: Gary James <

Subject: FW: Decision Letter for WAPC Application 200246

Good morning, Gary

I hope you are well.

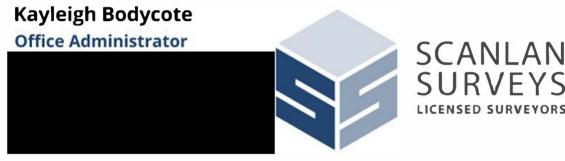
The developers of this property would like to make a minor amendment to the plan as shown in pink on the attachment BPER00-1.pdf

Preliminary calculations estimate the amount of land to be approximately 3% of the lot size. Could you please advise if we need to submit an amended plan now, or it this can be amended and justification provided when lodged at the 1C stage?

The developer has requested attachment BPER00-1.pdf be kept confidential.

Please do not hesitate to contact me if you need any further information.

Kind Regards





From: Subdivision Application

Sent: Tuesday, 6 August 2024 4:49 PM

To: Kayleigh Bodycote < Cc: Kayleigh Bodycote <

Subject: Decision Letter for WAPC Application 200246

Dear Kayleigh

Please be advised that WAPC Application 200246 has been determined. The decision letter is attached.

Kind regards



Ms Sam Boucher WAPC Secretary

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