Attachment 15

Powerlink and Ergon Responses

420 Flinders Street, Townsville QLD 4810
PO Box 1090, Townsville QLD 4810
ergon.com.au

11 November 2025

Chief Executive Officer
Gladstone Regional Council

Attention: Nicholas Cooper
Via email: info@gladstone.qld.gov.au

cc Red Hill Renewable Energy Pty Ltd
c/- Gilvear Planning Pty Ltd
Attention: Sera Rohan
Via email: sera@gilvearplanning.com.au

Dear Sir/Madam,

Ergon Advice Agency Response – Material Change of Use for BESS & Substation and Reconfiguring a Lot for 1 Lot into 4 Lots & Access Easement located at 837 Red Hill Road, Bororen, formally desrbied as Lot 132 on FD700
Council Ref: DA/82/2025
Applicant Ref: J001639
Our Ref: ECM 21194095-30560820

Response	
Outcome	Approved in full - subject to conditions
Referral assessment capacity	Advice
Matters referral assessment made against (S55(2))	The purpose of the *Electricity Act 1994* and *Electricity Safety Act 2002*
Reasons for decision (S56(7)(b))	The works do not conflict with: ▪ the objectives set out within Part 2, Section 3 of the *Electricity Act 1994* ▪ the purpose of the *Electricity Safety Act 2002* as set out within Part 1 Division 2 Section 4 & 5.

Have you seen our fact sheets?
See the 'considerations when developing around electricity infrastructure' section of our website
www.ergon.com.au/referralagency

The works do not adversely impact on the safe, efficient, and economically viable operation of the supply network.

Development Details	
Applicant	Red Hill Renewable Energy Pty Ltd c/- Gilvear Planning Pty Ltd
Assessment Manager	Gladstone Regional Council
Council Application No.	DA/82/2025
Street Address	837 Red Hill Road, Bororen
RPD	132FD700
Development Type	Material Change of Use for BESS & Substation and Reconfiguring a Lot for 1 Lot into 4 Lots & Access Easement
Impacted Electrical Infrastructure	22kV O/H Line (Feeder: MV202) The site is subject to a Way Leave Agree in accordance with Section 112 of the *Electricity Act 1994*. The electrical infrastructure forms part of Ergon's distribution network and provides supply to surrounding premises.

Should the Assessment Manager decide to approve the proposed Development Application, Ergon requests that the assessment manager impose the below conditions.

Table 1			
Plans forming part of this Approval			
Title	*Plan No.*	*Issue*	*Date*
Rutherglen Project Site Plan	*J001639*	-	*22 October 2025*
Rutherglen Project Subdivision Plan – Lot 132 on FD700	*J001639*	-	*22 October 2025*

Table 2			
Condition		Timing	Purpose/Reason
1.	Carry out the approved development generally in accordance with the approved plans and documents outlined within Table 1 of this approval and the following: ▪ The specifications, facts and	At all times	To ensure the development is carried out generally in accordance with the plans of development submitted within the application

	circumstances as set out in the development application submitted to Ergon; and ▪ Where a discrepancy or conflict exists between the written conditions of the approval and the approved plans, the requirements of the written conditions prevail		
2.	Any alterations to the plans and document(s) identified within Table 1 of this response are to be resubmitted to Ergon for comment	At all times	To ensure the development is carried out generally in accordance with the plans of development submitted within the application
3.	The applicant / developer is to register an easement in favour of Ergon subject to the following requirements: ▪ the easement is to extend 5m either side of the centre line of the existing overhead infrastructure (Feeder ID: MV202) to a width of 10m; ▪ the easement is to be granted in favour of Ergon subject to Ergons standard overhead conditions applicable at the time of registration; ▪ the easement is to be granted at no cost to Ergon; and ▪ associated costs of survey and registration are to be borne by the applicant/ developer.	At all times	To ensure the safe and efficient operation of the electricity supply network

4.	Access to and along the infrastructure corridor must be made available to Ergon personnel and heavy equipment for construction, maintenance and emergency purposes. Where fencing prohibits access the applicant / developer is to install gates which comply with or are comparable in nature to Ergon's standard gate detail (Ref. LOSSTD - CV019-07, Version A1).To enable travel along the infrastructure corridor at any time the gates must be series locked with an Ergon padlock. *Note -* *Both a padlock and design drawing (Ref. LOSSTD - CV019-07, Version A1) will be made available by Ergon upon request. An alternative access arrangement (i.e. locking system) may be considered where deemed acceptable by Ergon's Asset management team.*	At all times	To ensure the safe and efficient operation of the electricity supply network
5.	Existing access tracks are to be re-instated or repaired where they are damaged due to construction or other activities.	At all times	To ensure the safe and efficient operation of the electricity supply network
6.	No excavation works are approved within 5 metres of any network pole, stay or tower unless explicitly approved by Ergon.	At all times	To ensure the safe and efficient operation of the electricity supply network
7.	No changes in ground levels are approved within the infrastructure corridor.	At all times	To ensure the maintenance of statutory clearance in accordance

	Any changes in ground levels below the overhead lines will be subject to the submission of detailed civil design plans to Ergon for review and approval.		with the Electrical Safety Regulation 2013.
8.	Statutory clearances from structures and overhead electricity wires must be maintained in accordance with the Electrical Safety Regulation 2013.	At all times	To ensure the maintenance of statutory clearance in accordance with the Electrical Safety Regulation 2013.

General Advice:

- Compliance with the Electrical Safety Act 2002, including any Code of Practice under the Act and the Electrical safety Regulation 2013 including any safety exclusion zones defined in the Regulation is mandatory

  Should any doubt exist in maintaining the prescribed clearance to the overhead conductors and electrical infrastructure then the applicant is obliged under the Act to seek advice from Ergon.

- All works proposed to be undertaken in close proximity to overhead or underground electrical lines are to be undertaken in accordance with Ergons's Works Practice Manual WP1323. This document refers to various standards, guidelines, calculations, legal requirements, technical details, and other information relevant to working near high voltage infrastructure. A copy of WP1323 can be found online via Ergon's document library (Document library | Ergon).

Should you require any further information on the above matter, please contact Tammara Scott on 0492 137 878 or via email at townplanning@ergon.com.au.

Yours faithfully,



Tammara Scott
Town Planner

Our Ref. DA5966.4
MSLink/s: 11425
Council Ref: DA/82/2025

27 November 2025

Gladstone Regional Council
PO Box 29
GLADSTONE QLD 4680

Attention: Nicholas Cooper
Via Email: info@gladstone.qld.gov.au

Red Hill Renewable Energy Pty Ltd
C/- Gilvear Planning Pty Ltd
PO Box 438
PADDINGTON QLD 4064

Attention: Sera Rohan
Via Email: sera@gilvearplanning.com.au

Dear Nicholas and Sera,

Referral Confirmation Notice

(Given under Section 7.1 of the Development Assessment Rules)

Transmission Infrastructure Impacted	
Transmission Corridor	South Pine (Warner T) Gladstone No 2 (Maurice Hill T) (275kV) Transmission Line Corridor
Easement ID	Easement B on FD922 – Dealing No. 601350712 & Easement A on FD923 – Dealing No. 601350712
Location Details	
Street address	837 Red Hill Road, Bororen
Real property description	Lot 132 on FD700
Local government area	Gladstone Regional Council
Application Details	
Proposed development:	Material Change of Use - BESS, Substation and Reconfiguring a Lot - 1 Into 4 Plus Access Easement
Approval sought	Development Permit

We refer to the above referenced development application which has been referred to Powerlink Queensland in accordance with Section 54 of the *Planning Act 2016*.

In accordance with its jurisdiction under Schedule 10 Part 9 Division 1&2 of the *Planning Regulation 2017*, Powerlink Queensland is a **Referral Agency (Advice)** for the above development application.

Specifically, the application has been triggered for assessment by Powerlink Queensland because:

1. For **reconfiguring a lot** – all or part of the lot is subject to a transmission entity easement which is part of the transmission supply network (Division 2, Table 1 1a)
2. For **material change of use** – all or part of the premises are subject to a transmission entity easement which is part of the transmission supply network (Division 2, Table 2 1b)

PLANS AND REPORTS ASSESSED

The following plans and reports have been reviewed by Powerlink Queensland and form the basis of our assessment. Any variation to these plans and reports may require amendment of our advice.

Table 1: Plans and Reports upon which the assessment is based

Drawing / Report Title	Prepared by	Dated	Reference No.	Version / Issue
Rutherglen Project – Site Plan	Gilvear Planning	22/10/2025	J001639	-
Rutherglen Project – Subdivision Plan – Lot 132 on FD700 (with mark-up)	Gilvear Planning	25/11/2025	J001639	-
Rutherglen Project – Switchyard & BESS	Gilvear Planning	21/10/2025	J001639	-
Rutherglen Project – Elevation Plan	Gilvear Planning	19/08/2025	J001639	-

Powerlink Queensland, acting as a Referral Agency (Advice) under the *Planning Regulation 2017* provides its response to the application as attached **(Attachment 1)**.

Please treat this response as a properly made submission for the purposes of Powerlink being an eligible advice agency in accordance with the *Planning Act 2016*.

For further information please contact the Property Management Team on (07) 3898 4090 or via email property@powerlink.com.au who will be pleased to assist.

Yours sincerely,

for:
Laura Donaldson
Property Management Team Leader

Powerlink Queensland is the registered business name of the Queensland Electricity Transmission Corporation Limited. ABN 82 078 849 233

ATTACHMENT 1 – REFERRAL AGENCY (ADVICE) RESPONSE

Powerlink Queensland **supports** this application subject to the inclusion of the following conditions in the Assessment Manager's Decision Notice.

No.	Condition	Timing	Reason
1	The development must be carried out generally in accordance with the reviewed plans detailed in Table 1.	At all times.	To ensure that the development is carried out generally in accordance with the plans of development submitted with the application.
2	The statutory clearances set out in the *Electrical Safety Regulation 2013* must be maintained during construction and operation. No encroachment within the statutory clearances is permitted.	At all times.	To ensure that the purpose of the *Electrical Safety Act 2002* is achieved, and electrical safety requirements are met.
3	Compliance with the terms and conditions of the easement dealing no. shown in the heading of this letter.	At all times.	To ensure that the existing rights contained in the registered easement dealings are maintained.
4	Compliance with the generic requirements in respect to proposed works in the vicinity of Powerlink Queensland infrastructure as detailed in the enclosed Annexure "A".	At all times.	To ensure that the purpose of *the Electrical Safety Act 2002* is achieved and electrical safety requirements are met. To ensure the integrity of the easement is maintained.
5	**Access road.** A new access road is provided to ensure Powerlink has unfettered access to the proposed 275kV switchyard. The access road should be designed: • As a shared access for proposed Lot 2 and Lot 4 • In accordance with ARRB unsealed Roads Best Practice Guide. • To achieve a 6.0m running surface with 1.0m shoulder on each side (total width 8.0m). • Incorporate call points on access track route to provide communication between vehicles currently utilising access track. • To be trafficable in all weather conditions with 24 hours / 7 days per week accessibility for vehicles and heavy machinery associated with substation construction, maintenance and	Prior to commencement of use.	To ensure that the purpose of the *Electrical Safety Act 2002* is achieved and electrical safety requirements are met. To ensure Powerlink has unfettered access to the proposed switchyard for construction, upgrade and maintenance purposes.

	emergency repairs as per Powerlink Specification: SDC-001 Substation Civil and Structural Design Section 3.13. • To ensure suitable entrance works are provided from Red Hill Road • To achieve a turning circle (designed and certified by an RPEQ traffic engineer) in accordance with the 'Type 6' design vehicle and trailer shown in the attached standard drawing No. A1-H-137122-106. Further consent of Powerlink is required for construction of the proposed access road through a separate Co-Use Application. The Co-Use Application is to provide further details including cross sections showing existing and finished surface levels (AHD) at key points along the access road (e.g. waterway corridor crossing and undercrossing of future overhead line).		
6	The proposed access easement burdening Lot 4 for the benefit of Lot 2 must finish at the western boundary of the future easement accommodating the transmission line cut-in. The reduced length of the proposed access easement is amended in red on the approved plans of layout.	Prior to survey plan endorsement.	To ensure Powerlink has unfettered access to the proposed switchyard for construction, upgrade and maintenance purposes.

Advice to Council and the Applicant

1. While Powerlink has no objection in principle to the proposed works described in the application, Powerlink cannot consent to any works on its easement until:
    a. Detailed submissions of all proposed on easement works (including but not limited to earthworks, drainage and detention basins; road construction or improvement; underground and overhead service installation) have been received, assessed and consented to by Powerlink. Any such proposed works may require changes, repositioning or re-alignment to accommodate access and necessary clearances.
    b. In relation to any proposed on easement works, if Powerlink requirements cannot be met, then consent will not be provided.

    Consequently this response does not constitute consent to commence any works within the easement. Future consent will be subject to Powerlink having had the opportunity to fully assess the proposed works, and provide consent in writing to the proposed on easement activities.

    If referral of a formal Development Application – Operational Works is not applicable, please complete a Co-Use Form, available at https://www.powerlink.com.au/co-use-form, to lodge your submission.

2. Powerlink and Red Hill Renewable Energy Pty Ltd are currently negotiating a network connection for the BESS. This correspondence does not constitute approval for connection which remains the subject of ongoing technical assessment and commercial negotiations. The exact location of connecting infrastructure is also part of ongoing negotiations.

3. **Future easement/s and widening of existing easements**: Future easements will be required to **a)** widen existing South Pine to Gladstone No.2 corridor (Easements B on FD922 and A on FD923), and **b)** facilitate the connection of transmission lines into the new Powerlink switchyard from the South Pine to Gladstone No.2 corridor. The new easements are to be created in favour of Powerlink and Powerlink's easement terms and conditions will apply.

4. In order for Powerlink to maintain and operate a safe and reliable supply of electricity, we require unrestricted 24-hour access to our corridors and infrastructure.

   We will require practical access (typically by 4WD vehicle – but to standard no less than existing) to the Powerlink structures.

   If it is envisaged that there will be any interference or alteration to our current access arrangements prior, during or after the completion of your works, we require that the applicant contacts our Easement Maintenance Service Provider (Ergon Energy – Peter Gorrie – Ph: 0417 199 931) to formalise unrestricted 24-hour access arrangements.

3. Compliance with the *Electrical Safety Act 2002* including any Code of Practice under the Act and the *Electrical Safety Regulation 2013* including any safety exclusion zones defined in the Regulation.

   In respect of this application, the exclusion zone for untrained persons and for operating plant operated by untrained persons is **six (6) metres** from the **275,000-volt** wires and exposed electrical parts.

   If works have the potential to come within the prescribed clearance to the conductors and electrical infrastructure, then the applicant must seek advice from Powerlink by completing the attached Application for Safety Advice – Form and submitting to property@powerlink.com.au

ATTACHMENT 2 – ASSESSED PLANS

Rutherglen Project
Site Plan

DATE ASSESSED:

27/11/2025

Powerlink QUEENSLAND

- Roads and Tracks
- Existing Easement
- Future Easement - 40m Wide
  (Up to 185m Wide at Transmission Cut-In)
- Proposed Access Easement
  - Burdening the land for the benefit of Proposed Lot 2
- Energex LV Network
- Cadastre
- Proposed Lot 1 - 513.9ha
- Proposed Lot 2 - 282.7ha
  - Contains BESS
- Proposed Lot 3 - 472.2ha
- Proposed Lot 4 - 7.8ha
  - Contains Switchyard
  - Contains Proposed Access Easement
- Switchyard
- 15m Watercourse Setback
- Indicative Operations and Maintenance Building / Laydown and Parking Area
- Salinity Expression Area
- Steep Land Overlay
- Category B area (Remnant vegetation)
- Category C area (High-value regrowth vegetation)
- Category R area (Reef regrowth watercourse vegetation)

BESS and Switchyard Layouts by Gryphon Energy. Please note these plans are indicative only and will be subject to further refinement at a later stage. Refer to the Switchyard and BESS Plan for further detail.



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COORDINATE SYSTEM:	WGS84/Pseudo-Mercator EPSG:3857
JOB NUMBER:	J001639
CLIENT:	Gryphon Energy Pty Ltd
DATE:	22/10/2025

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Rutherglen Project
Subdivision Plan - Lot 132 on FD700

Billycan Road

Ferguson Road

Track

Road

Track

Road

Road

Red Hill Road

Track

Road

Track

Proposed Lot 1
513.9ha

Proposed Lot 4
(includes Access Handle)
7.8ha

Proposed Lot 3
472.2ha

Proposed Lot 2
282.7ha

The proposed access easement burdening lot 4 for the benefit of lot 2 must finish at the western boundary of the future easement accommodating the transmission line cut-in as indicated by the yellow dashed line.

DATE ASSESSED:

27/11/2025

Powerlink QUEENSLAND

- Existing Easement
- Future Easement - 40m Wide (Up to 185m Wide at Transmission Cut-In)
- Proposed Access Easement - 8m Wide - Burdening Lot 4 for the benefit of Proposed Lot 2
- Cadastre
- Road Reserve
- Watercourse



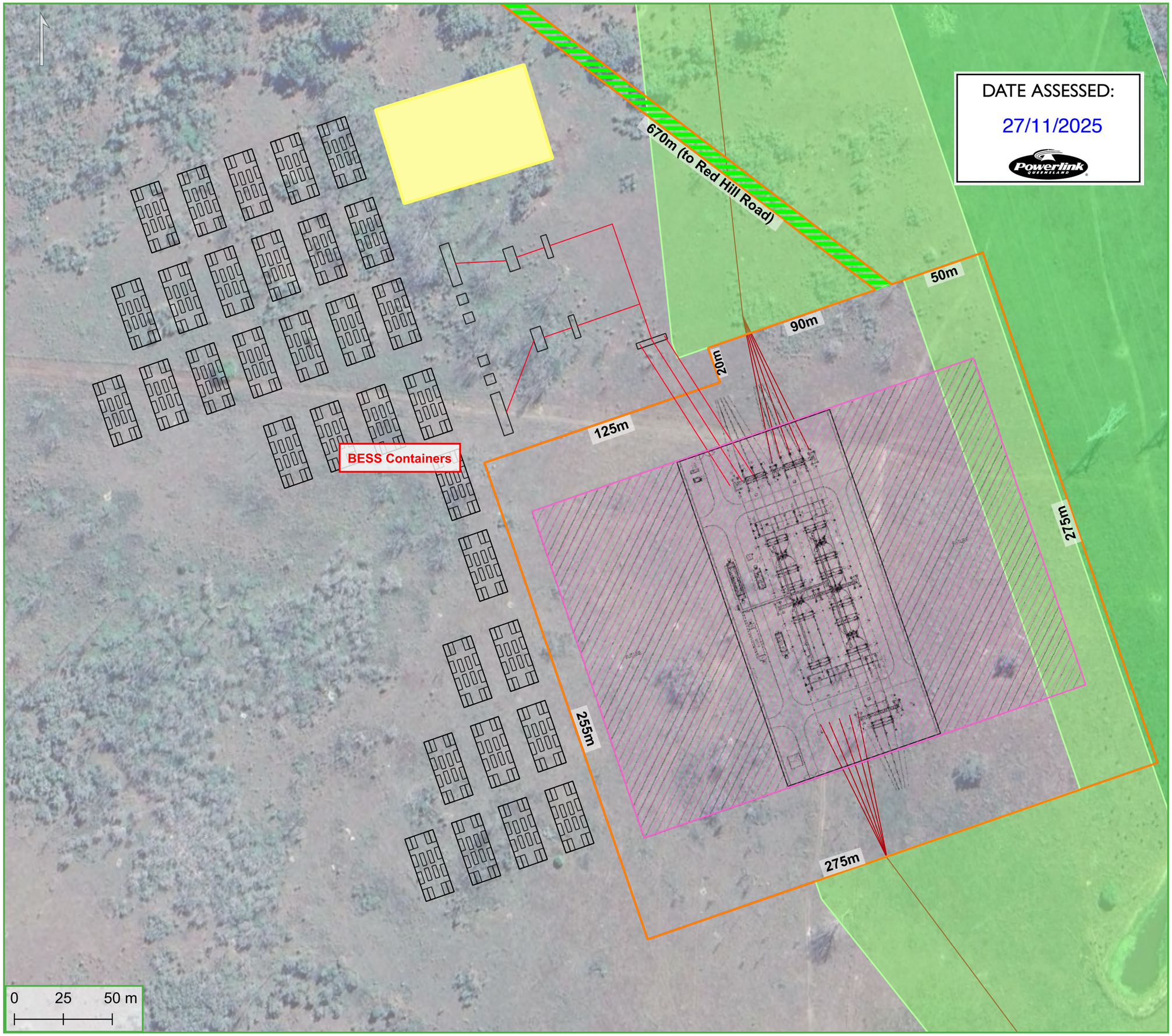
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CLIENT:	Gryphon Energy Pty Ltd
DATE:	25/11/2025

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Rutherglen Project
Switchyard and BESS

- Existing Easement
- Future Easement - 40m Wide
  (Up to 185m Wide at Transmission Cut-In)
- Proposed Access Easement - 8m Wide
  - Burdening Lot 4 for the benefit of Proposed Lot 2
- Proposed Lot 4 - 7.8ha
- HV Switchyard
  (235m x 175m - 4.1ha)
- Proposed 275 kV Transmission Line Cut-In
- MSES Regulated Vegetation
  - Intersecting a Watercourse
  - Stream Order 1 and 2
- Indicative Operations and Maintenance Building/ Laydown/ Parking Area

BESS, Switchyard Layouts, and Contour Plan provided by Gryphon Energy

Please note these plans are indicative only and will be subject to further refinement at a later stage.

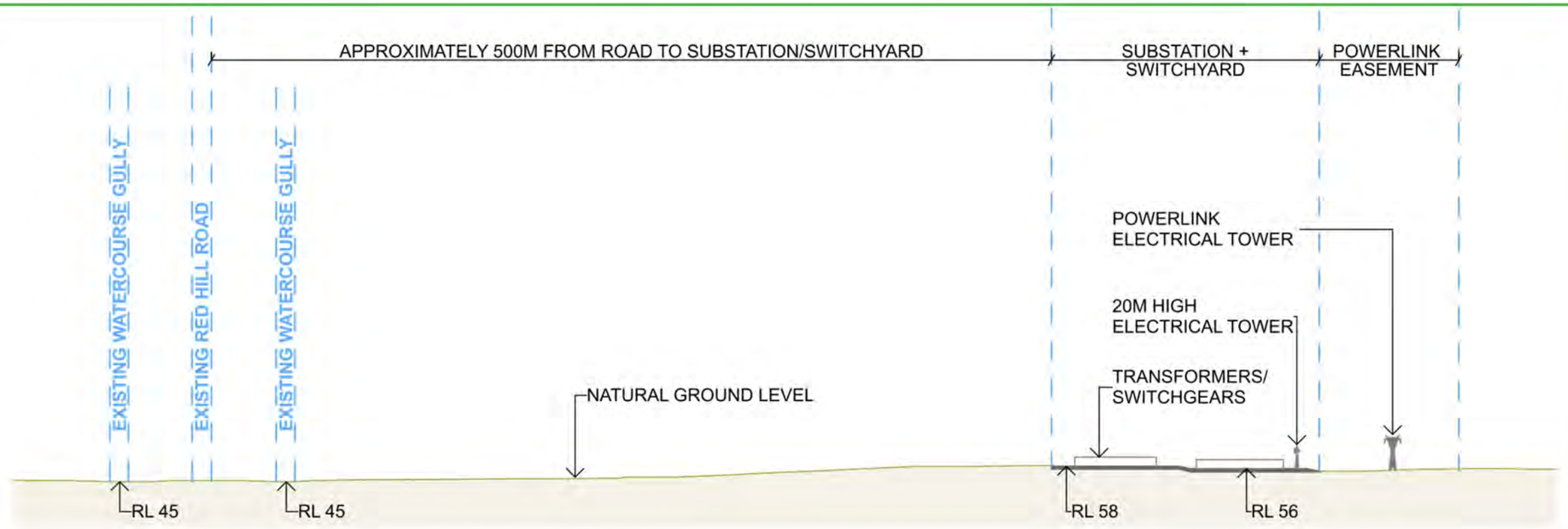
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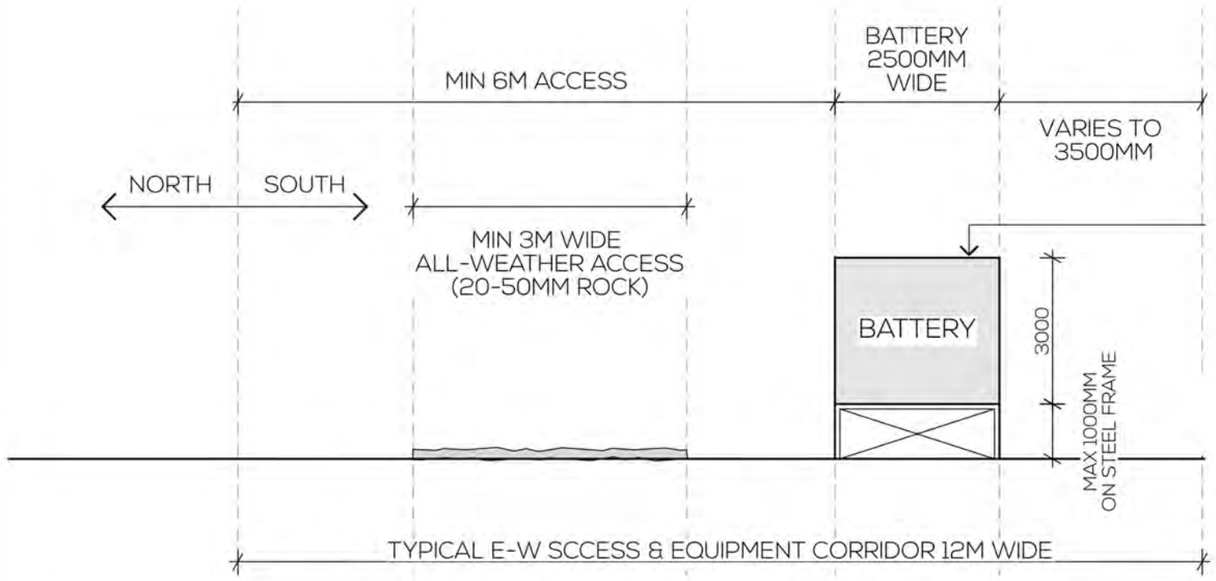
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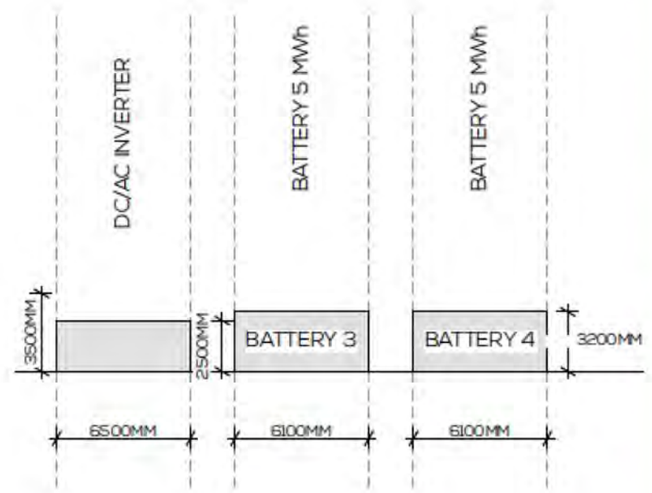
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CLIENT:	GRYPHON ENERGY PTY LTD
DATE:	21/10/2025

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Rutherglen Project
Elevation Plan







DATE ASSESSED:

27/11/2025

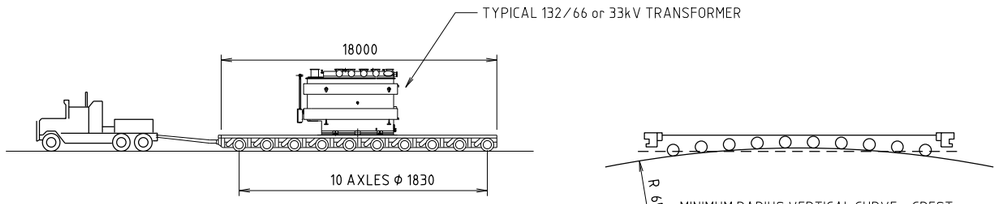
All data provided by Gryphon Energy. Not to Scale.

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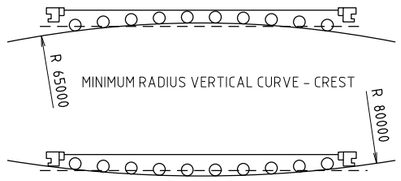
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DATE:	19/08/2025

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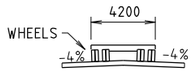
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TYPICAL DIMENSIONS – 10 x 8 WHEEL PLATFORM TRAILER

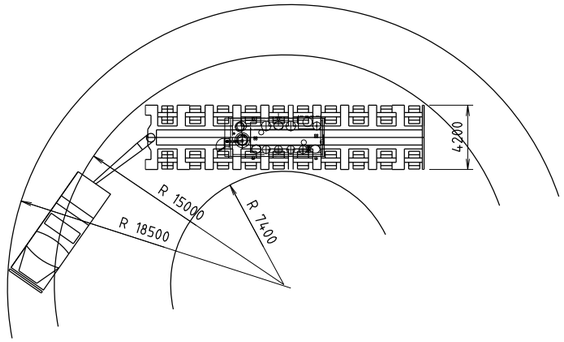


MINIMUM RADIUS VERTICAL CURVE – DIP



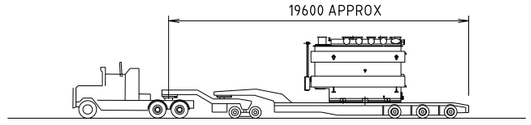
MAXIMUM ROAD CROSS FALL GRADES

TYPICAL VERTICAL CURVES – 10 x 8 WHEEL TRAILER

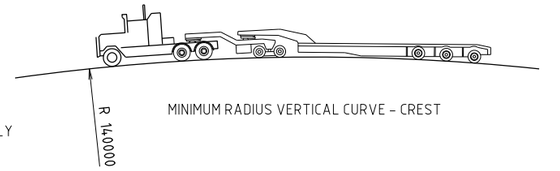


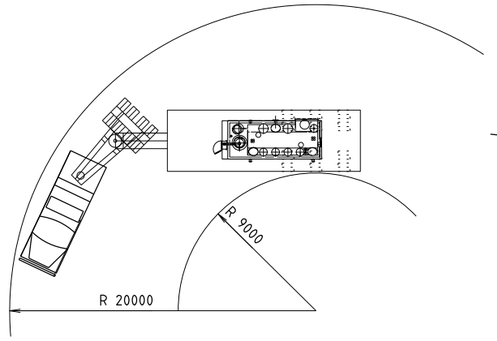
TYPICAL TURNING RADII DIMENSIONS FOR 10x8 WHEEL PLATFORM TRAILER

TYPE 3

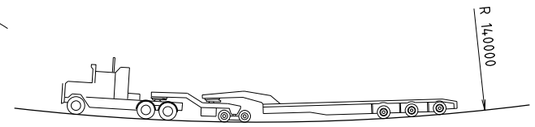


TYPICAL DIMENSIONS – 3x8 WHEEL LOW LOADER TRAILER WITH DOLLY





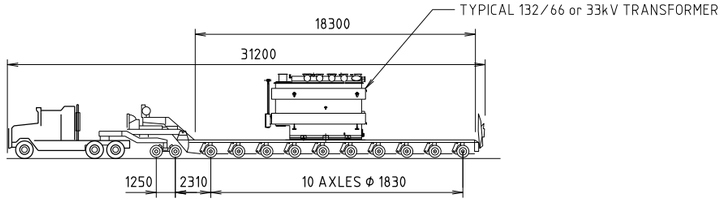
TYPICAL TURNING RADII DIMENSIONS FOR 3x8 WHEEL LOW LOADER TRAILER WITH DOLLY



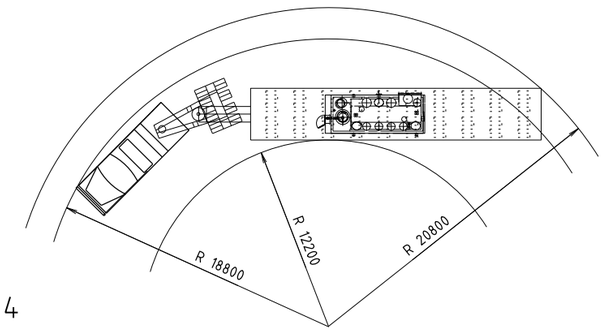
MINIMUM RADIUS VERTICAL CURVE – DIP

TYPICAL VERTICAL CURVES – 3 x 8 WHEEL LOW LOADER WITH DOLLY

TYPE 5

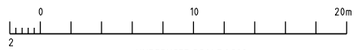


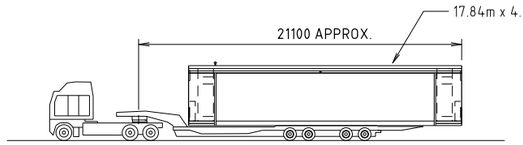
TYPICAL DIMENSIONS – 10x8 WHEEL LOW LOADER TRAILER WITH DOLLY



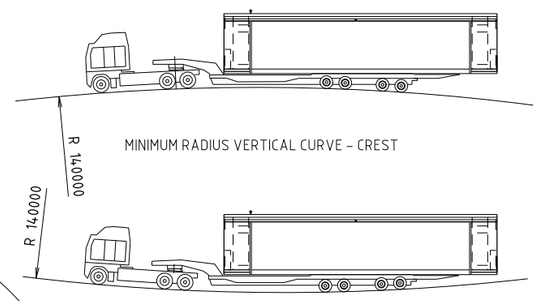
TYPICAL TURNING RADII DIMENSIONS FOR 10x8 WHEEL LOW LOADER TRAILER WITH DOLLY

TYPE 4



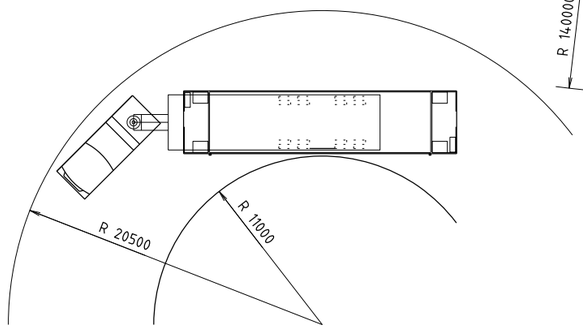


TYPICAL DIMENSIONS – 14m CONTROL BUILDING VEHICLE & TRAILER



MINIMUM RADIUS VERTICAL CURVE – DIP

TYPICAL VERTICAL CURVES – CONTROL BUILDING TRAILER



TYPICAL TURNING RADII DIMENSIONS FOR 14m CONTROL BUILDING VEHICLE & TRAILER

TYPE 6

NOTE:
ALL TRAILER WHEELS SHALL REMAIN IN CONTACT WITH THE ROAD AT ALL TIMES.
CONSIDERATION SHALL BE GIVEN TO THE CAPABILITY OF THE VEHICLE TRAILER COMBINATION TO NEGOTIATE COMBINATION OF GRADES, VERTICAL AND HORIZONTAL CURVES.

PRIME MOVER & TRAILER DIMENSIONS ARE TYPICAL ONLY AND WILL VARY BETWEEN PRIME MOVER & TRAILER MAUNFACTURERS AND COMBINATIONS.

POWERLINK QUEENSLAND IS THE TRADING NAME OF THE QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED ACN 078 849 233

SCAN CAD 566x801

A ORIGINAL ISSUE DATE: 24/02/14		CHECKED		DESIGNED		Powerlink QUEENSLAND	LOCATION: DSH0 / CONT/ORDER / PROJECT / DRG CLASS: B1
		DRAWN		DESIGN CHKD		SUBSTATION STANDARD TYPICAL MEDIUM TRANSFORMER & BUILDING TRANSPORT TRAILERS OUTLINES, TURNING CIRCLES AND VERTICAL CURVES	A1 –H–137122–106
		ORIGIN	SUB. DEV.	APPROVED			NEXT SHEET
		CIRCULATION					A

ATTACHMENT 3 **Total of 3 Pages**

ANNEXURE A – GENERIC REQUIREMENTS

The conditions contained in this Annexure have been compiled to assist persons (the applicant) intending to undertake work within the vicinity of high-voltage electrical installations and infrastructure owned or operated by Powerlink. The conditions are supplementary to the provisions of the Electrical Safety Act 2002, Electrical Safety Regulation 2013 and the Terms and Conditions of Registered Easements and other forms of Occupational Agreements hereinafter collectively referred to as the "Easement". Where any inconsistency exists between this Annexure and the Easement, the Easement shall take precedence.

1. POWERLINK INFRASTRUCTURE

You may not do any act or thing which jeopardises the foundations, ground anchorages, supports, towers or poles, including (without limitation) inundate or place, excavate or remove any soil, sand or gravel within a distance of twenty (20) metres surrounding the base of any tower, pole, foundation, ground anchorage or support.

2. STRUCTURES

No structures should be placed within twenty (20) metres of any part of a tower or structure foundation or within 5m of the conductor shadow area. Any structures on the easement require prior written consent from Powerlink.

3. EXCLUSION ZONES

Exclusion zones for operating plant are defined in Schedule 2 of the Electrical Safety Regulation 2013 for Untrained Persons. All Powerlink infrastructure should be regarded as "electrically live" and therefore potentially dangerous at all times.

In particular your attention is drawn to Schedule 2 of the *Electrical Safety Regulation 2013* which defines exclusion zones for untrained persons in charge of operating plant or equipment in the vicinity of electrical facilities. If any doubt exists in meeting the prescribed clearance distances from the conductors, the applicant is obliged under this Act to seek advice from Powerlink.

4. ACCESS AND EGRESS

Powerlink shall at all times retain the right to unobstructed access to and egress from its infrastructure. Typically, access shall be by 4WD vehicle.

5. APPROVALS (ADDITIONAL)

Powerlink's consent to the proposal does not relieve the applicant from obtaining statutory, landowner or shire/local authority approvals.

6. MACHINERY

All mechanical equipment proposed for use within the easement must not infringe the exclusion zones prescribed in Schedule 2 of the Electrical Safety Regulation 2013. All operators of machinery, plant or equipment within the easement must be made aware of the presence of live high-voltage overhead wires. It is recommended that all persons entering the Easement be advised of the presence of the conductors as part of on site workplace safety inductions. The use of warning signs is also recommended.

7. EASEMENTS

All terms and conditions of the easement are to be observed. Note that the easement takes precedence over all subsequent registered easement documents. Copies of the easement together with the plan of the Easement can be purchased from the Department of Environment & Resource Management.

8. EXPENDITURE AND COST RECOVERY

Should Powerlink incur costs as a result of the applicant's proposal, all costs shall be recovered from the applicant.

Where Powerlink expects such costs to be in excess of $10 000.00, advanced payments may be requested.

9. EXPLOSIVES

Blasting within the vicinity (500 metres) of Powerlink infrastructure must comply with AS 2187. Proposed blasting within 100 metres of Powerlink infrastructure must be referred to Powerlink for a detailed assessment.

10. BURNING OFF OR THE LIGHTING OF FIRES

We strongly recommend that fires not be lit or permitted to burn within the transmission line corridor and in the vicinity of any electrical infrastructure placed on the land. Due to safety risks Powerlink's written approval should be sort.

11. GROUND LEVEL VARIATIONS

Overhead Conductors

Changes in ground level must not reduce statutory ground to conductor clearance distances as prescribed by the Electrical Safety Act 2002 and the Electrical Safety Regulation 2013.

Underground Cables

Any change to the ground level above installed underground cable is not permitted without express written agreement of Powerlink.

12. VEGETATION

Vegetation planted within an easement must not exceed 3.5 metres in height when fully matured. Powerlink reserves the right to remove vegetation to ensure the safe operation of the transmission line and, where necessary, to maintain access to infrastructure.

13. INDEMNITY

Any use of the Easement by the applicant in a way which is not permitted under the easement and which is not strictly in accordance with Powerlink's prior written approval is an unauthorised use. Powerlink is not liable for personal injury or death or for property loss or damage resulting from unauthorized use. If other parties make damage claims against Powerlink as a result of unauthorized use then Powerlink reserves the right to recover those damages from the applicant.

14. INTERFERENCE

The applicant's attention is drawn to s.230 of the Electricity Act 1994 (the "Act"), which provides that a person must not wilfully, and unlawfully interfere with an electricity entity's works. "Works" are defined in s.12 (1) of the Act. The maximum penalty for breach of s.230 of the Act is a fine equal to 40 penalty units or up to 6 months imprisonment.

15. REMEDIAL ACTION

Should remedial action be necessary by Powerlink as a result of the proposal, the applicant will be liable for all costs incurred.

16. OWNERS USE OF LAND

The owner may use the easement land for any lawful purpose consistent with the terms of the registered easement; the conditions contained herein, the *Electrical Safety Act 2002* and the *Electrical Safety Regulation 2013*.

17. ELECTRIC AND MAGNETIC FIELDS

Electric and Magnetic Fields (EMF) occur everywhere electricity is used (e.g. in homes and offices) as well as where electricity is transported (electricity networks).

Powerlink recognises that there is community interest about Electric and Magnetic Fields. We rely on expert advice on this matter from recognised health authorities in Australia and around the world. In Australia, the Federal Government agency charged with responsibility for regulation of EMFs is the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA). ARPANSA's *Fact Sheet – Magnetic and Electric Fields from Power Lines*, concludes:

"On balance, the scientific evidence does not indicate that exposure to 50Hz EMF's found around the home, the office or near powerlines is a hazard to human health."

Whilst there is no scientifically proven causal link between EMF and human health, Powerlink nevertheless follows an approach of "*prudent avoidance"* in the design and siting of new powerlines. This includes seeking to locate new powerline easements away from houses, schools and other buildings, where it is practical to do so and the added cost is modest.

The level of EMF decreases rapidly with distance from the source. EMF readings at the edge of a typical Powerlink easement are generally similar to those encountered by people in their daily activities at home or at work. And in the case of most Powerlink lines, at about 100 metres from the line, the EMF level is so small that it cannot be measured.

Powerlink is a member of the ENA's EMF Committee that monitors and compiles up-to-date information about EMF on behalf of all electricity network businesses in Australia. This includes subscribing to an international monitoring service that keeps the industry informed about any new developments regarding EMF such as new research studies, literature and research reviews, publications, and conferences.

We encourage community members with an interest in EMF to visit ARPANSA's website: www.arpansa.gov.au Information on EMF is also available on the ENA's website: www.ena.asn.au