

Development Consent

Section 4.38 of the *Environmental Planning & Assessment Act 1979*

As delegate of the Minister for Planning and Public Spaces, I grant consent to the development application referred to in Schedule 1, subject to the conditions in Schedules 2 to 4.

These conditions are required to:

- prevent and/or minimise any adverse environmental impacts of the development;
- set standards and performance measures for acceptable environmental performance; and
- provide for the ongoing environmental management of the development.



Mike Young
Executive Director
Energy, Resources and Compliance

Sydney

16 July 2020

The Department has prepared a consolidated version of the consent which is intended to include all modifications to the original determination instrument.

The consolidated version of the consent has been prepared by the Department with all due care. This consolidated version is intended to aid the consent holder by combining all consents relating to the original determination instrument but it does not relieve a consent holder of its obligation to be aware of and fully comply with all consent obligations as they are set out in the legal instruments, including the original determination instrument and all subsequent modification instruments.

SCHEDULE 1

Application Number:	SSD 9097
Applicant:	Enel Green Power Australia Pty Ltd
Consent Authority:	Minister for Planning and Public Spaces
Land:	See Appendix 2
Development:	Quorn Park Solar Farm

Red type represents Modification 1 (SSD-9097-Mod-1)

Blue type represents Modification 2 (SSD-9097-Mod-2)

Application Number	Determination Date	Decider	Modification Description
SSD-9097-Mod-1	7/6/2024	Director	<p>Increased BESS duration from 1 hour to 2 hours.</p> <p>Removal of Lot 1 DP717829 from schedule of lands.</p>
SSD-9097-Mod-2	10/12/2024	Director	Increase development footprint to accommodate Henry Parks Way / McGrath Lane intersection upgrades.

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DEFINITIONS

Aboriginal stakeholders	Aboriginal stakeholders registered for cultural heritage consultation for the development
Ancillary infrastructure	All project infrastructure with the exception of solar panels, including but not limited to collector substations, switching stations, permanent offices, battery storage and site compounds, electricity transmission lines and internal roads
Applicant	Enel Green Power Australia Pty Ltd, or any person who seeks to carry out the development approved under this consent
Battery storage	Large scale energy storage system
BAL	Basic Left Turn
BAR	Basic Right Turn
BCS	Biodiversity, Conservation and Science Group within NSW DCCEEW
Cessation of operations	Operation of the development has ceased for a continuous period of 12 months
Conditions of this consent	Conditions contained in Schedules 1 to 4 inclusive
Construction	The construction of the development, including but not limited to, the carrying out of any earthworks on site and the construction of solar panels and any ancillary infrastructure (but excludes road upgrades or maintenance works to the public road network, building/road dilapidation surveys, installation of fencing, artefact survey and/or salvage, overhead line safety marking and geotechnical drilling and/or surveying)
Council	Parkes Shire Council
Decommissioning	The removal of solar panels and ancillary infrastructure and/or rehabilitation of the site
Department	Department of Planning, Housing and Infrastructure
Development	The development as described in the EIS
Development footprint	The area within the site on which the components of the project will be constructed (shown in Appendix 1)
EIS	The Environmental Impact Statement for Quorn Park Solar Farm dated 22 October 2019, the Response to Submissions dated January 2020, the Amendment Letter dated 23 January 2020, additional information dated 30 March 2020 and 7 May 2020, the Amendment Report dated 20 May 2020, the Quorn Park Solar Farm Modification 1 Report dated 10 April 2024 (SSD-9097-Mod-1) and the Quorn Park Solar Farm Modification 2 Report dated 11 October 2024 (SSD-9097-Mod-2).
EP&A Act	Environmental Planning and Assessment Act 1979
EP&A Regulation	Environmental Planning and Assessment Regulation 2000
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999
Feasible	Feasible relates to engineering considerations and what is practical to build or implement
FRNSW	Fire and Rescue NSW
Heavy vehicle	A vehicle that has a combined Gross Vehicle Mass or Aggregate Trailer Mass of more than 4.5 tonnes.
Heritage item	An item as defined under the <i>Heritage Act 1977</i> and/or an Aboriginal Object or Aboriginal Place as defined under the <i>National Parks and Wildlife Act 1974</i>
Heritage NSW	Heritage NSW Group within NSW DCCEEW
Incident	A set of circumstances that causes or threatens to cause material harm to the environment
Material harm	Is harm that: <ul style="list-style-type: none"> involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial; or results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000 (such loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment)
Medium and/or heavy rigid vehicle	A vehicle that has a combined Gross Vehicle Mass or Aggregate Trailer Mass of up to 30.0 tonnes and a maximum length of up to 12.5 metres.
MEG	Department of Regional NSW – Mining, Exploration & Geoscience
Minister	Minister for Planning and Public Spaces, or delegate
Minimise	Implement all reasonable and feasible mitigation measures to reduce the impacts of the development
MW	Megawatt
Non-compliance	An occurrence, set of circumstances or development that is a breach of this consent but is not an incident
NSW DCCEEW	NSW Department of Climate Change, Energy, the Environment and Water

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Operation	The operation of the development, but does not include commissioning, trials of equipment or the use of temporary facilities
Over-dimensional vehicle	Over-mass and/or over-size/length vehicles
Planning Secretary	Secretary of the Department, or nominee
POEO Act	<i>Protection of the Environment Operations Act 1997</i>
Public infrastructure	Linear and related infrastructure that provides services to the general public, such as roads, railways, water supply, drainage, sewerage, gas supply, electricity, telephone, telecommunications, irrigation channels, drainage channels
Reasonable	Reasonable relates to the application of judgement in arriving at a decision, taking into account: mitigation benefits, cost of mitigation versus benefits provided, community views and the nature and extent of potential improvements
Rehabilitation	The restoration of land disturbed by the development to a good condition, to ensure it is safe, stable and non-polluting
RFS	Rural Fire Service
Site	As shown in Appendix 1 and listed in Appendix 2
Temporary facilities	Temporary facilities used for the construction, upgrading and/or decommissioning of the development, including but not limited to temporary site offices and compounds, materials storage compounds, maintenance workshops, material stockpiles, laydown areas and parking spaces
TfNSW	Transport for New South Wales
Upgrading	The replacement of solar panels and ancillary infrastructure on site (excluding maintenance), in accordance with the conditions of this consent
Vehicle movement	One vehicle entering and leaving the site
Water Group	Water Group within NSW DCCEEW

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SCHEDULE 2 ADMINISTRATIVE CONDITIONS

OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT

1. In meeting the specific environmental performance criteria established under this consent, the Applicant must implement all reasonable and feasible measures to prevent, and **if prevention is not reasonable and feasible**, minimise any material harm to the environment that may result from the construction, operation, upgrading or decommissioning of the development.

TERMS OF CONSENT

2. The Applicant must carry out the development:
 - (a) generally in accordance with the EIS;
 - (b) in accordance with the conditions of this consent;
 - (c) **in accordance with all written directions of the Planning Secretary; and**
 - (d) **generally in accordance with the Development Layout in Appendix 1.**

Note: The general layout of the development is shown in Appendix 1.
3. If there is any inconsistency between the above documents, the most recent document must prevail to the extent of the inconsistency. However, the consent **and directions of the Planning Secretary** must prevail to the extent of any inconsistency, **ambiguity or conflict**.
4. The Applicant must comply with any requirement/s of the **Planning** Secretary arising from the Department's assessment of:
 - (a) any strategies, plans or correspondence that are submitted in accordance with this consent;
 - (b) any reports, reviews or audits commissioned by the Department regarding compliance with this consent; and
 - (c) the implementation of any actions or measures contained in these documents.

UPGRADING OF SOLAR PANELS AND ANCILLARY INFRASTRUCTURE

5. The Applicant may upgrade the solar panels and ancillary infrastructure on site provided these upgrades remain within the approved development footprint of the site. Prior to carrying out any such upgrades, the Applicant must provide revised layout plans and project details of the development to the **Planning** Secretary incorporating the proposed upgrades.

STRUCTURAL ADEQUACY

6. The Applicant must ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the *Building Code of Australia*.

Notes:

- Under Part 6 of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the development.
- Part 8 of the EP&A Regulation sets out the requirements for the certification of the development.

DEMOLITION

7. The Applicant must ensure that all demolition work on site is carried out in accordance with *Australian Standard AS 2601-2001: The Demolition of Structures*, or its latest version.

PROTECTION OF PUBLIC INFRASTRUCTURE

8. Unless the Applicant and the applicable authority agree otherwise, the Applicant must:
 - (a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the development; and

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- (b) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development.

This condition does not apply to the upgrade and maintenance of the road network, which is expressly provided for in the conditions of this consent.

OPERATION OF PLANT AND EQUIPMENT

- 9. The Applicant must ensure that all plant and equipment used on site, or in connection with the development, is:
 - (a) maintained in a proper and efficient condition; and
 - (b) operated in a proper and efficient manner.

SCHEDULE 3 ENVIRONMENTAL CONDITIONS – GENERAL

BATTERIES

Battery Storage Restriction

1. The battery storage facility or systems associated with the development must not exceed a total delivery capacity of 20 MW.

Note: This condition does not prevent the Applicant from seeking to lodge a separate development application or modify this consent to increase the capacity of the battery storage system in the future.

TRANSPORT

Over-Dimensional and Heavy Vehicle Restrictions

2. The Applicant must ensure that the:
 - (a) development does not generate more than:
 - 63 heavy vehicle movements a day during construction, upgrading and decommissioning;
 - 3 over-dimensional vehicle movements during construction, upgrading and decommissioning;
 - 4 heavy vehicle movements a day during operations;on the public road network;
 - (b) length of any vehicles (excluding over-dimensional vehicles) used for the development does not exceed 19 metres;
 - (c) development does not generate more than 30 vehicle movements an hour at the intersection of Henry Parkes Way and McGrath Lane unless the **Planning** Secretary agrees otherwise.
3. The Applicant must keep accurate records of the number of over-dimensional and heavy vehicles entering or leaving the site each day for the duration of the project.

Access Route

4. All vehicles associated with the development must travel to and from the site via Henry Parkes Way, McGrath Lane, Back Trundle Road and the approved site access points on Back Trundle Road, as identified in the figure in Appendix 1 and Appendix 3.

Note: The Applicant is required to obtain relevant permits under the Heavy Vehicle National Law (NSW) for the use of over-dimensional vehicles on the road network.

Road Upgrades and Site Access

5. Unless the **Planning** Secretary agrees otherwise, prior to commencing construction, the Applicant must implement the road upgrades identified in Appendix 3. These upgrades must comply with the *Austrroads Guide to Road Design* (as amended by TfNSW supplements) and be carried out to the satisfaction of the relevant roads authority.

Operating Conditions

6. The Applicant must ensure:
 - (a) the internal roads are constructed as all-weather roads;
 - (b) there is sufficient parking on site for all vehicles, and no parking occurs on the public road network in the vicinity of the site;
 - (c) the capacity of the existing roadside drainage network is not reduced;
 - (d) all vehicles are loaded and unloaded on site, and enter and leave the site in a forward direction;
 - (e) development-related vehicles leaving the site are in a clean condition to minimise dirt being tracked onto the sealed public road network.

Traffic Management Plan

7. Prior to commencing the road upgrades identified in condition 5 of Schedule 3, the Applicant must prepare a Traffic Management Plan for the development in consultation with TfNSW and Council, and to the satisfaction of the **Planning** Secretary in writing. This plan must include:

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- (a) details of the transport route to be used for all development-related traffic;
- (b) details of the road upgrade works required by condition 5 of Schedule 3 to this consent;
- (c) a protocol for undertaking independent dilapidation surveys to assess the:
 - existing condition of McGraths Lane and Back Trundle Road prior to construction, upgrading or decommissioning activities; and
 - condition of McGraths Lane and Back Trundle Road following construction, upgrading or decommissioning activities;
- (d) a protocol for the repair of McGraths Lane and Back Trundle Road if dilapidation surveys identify these roads to be damaged during construction, upgrading or decommissioning works;
- (e) details of the temporary on-site construction car park;
- (f) details of the measures that would be implemented to minimise traffic impacts during construction, upgrading or decommissioning activities, including:
 - temporary traffic controls, including detours and signage;
 - notifying the local community about development-related traffic impacts;
 - procedures for receiving and addressing complaints from the community about development-related traffic;
 - minimising potential cumulative traffic impacts with other projects in the area, including the Goonumbra Solar Farm and the Parkes Solar Farm during construction, upgrading or decommissioning works;
 - minimising potential for conflict with school buses, other road users and rail services as far as practicable (measures also required during operation of the project), including preventing queuing on the public road network;
 - minimising dirt tracked onto the public road network from development-related traffic;
 - details of the employee shuttle bus service, including pick-up and drop-off points and associated parking arrangements for construction workers, and measures to encourage employee use of this service;
 - scheduling of haulage vehicle movements to minimise convoy length or platoons;
 - responding to local climate conditions that may affect road safety such as fog, dust and wet weather;
 - responding to any emergency repair or maintenance requirements; and
 - a traffic management system for managing over-dimensional vehicles;
- (g) a driver's code of conduct that addresses:
 - travelling speeds;
 - driver fatigue;
 - procedures to ensure that drivers adhere to the designated transport routes; and
 - procedures to ensure that drivers implement safe driving practices;
- (h) a program to ensure drivers working on the development receive suitable training on the code of conduct and any other relevant obligations under the Traffic Management Plan; and
- (i) a flood response plan detailing procedures and options for safe access to and from the site in the event of flooding.

Following the **Planning** Secretary's approval, the Applicant must implement the Traffic Management Plan.

LANDSCAPING

Vegetation Buffer

8. The Applicant must establish and maintain a vegetation buffer (landscape screening) as outlined in the figure in Appendix 1 to the satisfaction of the **Planning** Secretary. The landscape screening must:
- (f) be planted prior to commencing operations;
 - (g) be comprised of species that are endemic to the area;
 - (h) minimise views from residence R2 and residence R4 within 3 years of commencing operations;
 - (i) in addition to the locations outlined in the figure in Appendix 1, be located along the northern and western boundaries of the on-site substation to minimise views from residence R2 within 3 years of commencing operations; and
 - (j) designed and maintained in accordance with RFS's *Planning for Bushfire Protection 2019* (or equivalent);
 - (k) be properly maintained with appropriate weed management, unless the **Planning** Secretary agrees otherwise.

Landscaping Plan

9. Prior to commencing construction, the Applicant must prepare a detailed Landscaping Plan for the development in consultation with receivers R2 and R4, to the satisfaction of the **Planning** Secretary. This plan must include:

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- (l) a description of measures that would be implemented to ensure that the vegetated buffer achieves the objectives of condition 8 (a) – (f) above;
- (m) a program to monitor and report on the effectiveness of these measures;
- (n) details of who would be responsible for monitoring, reviewing and implementing the plan, and timeframes for completion of actions; and;
- (o) the final location of landscape planting around the on-site substation to minimise views from residence R2.

Following the **Planning** Secretary's approval, the Applicant must implement the Landscaping Plan.

LAND MANAGEMENT

10. The Applicant must maintain the agricultural land capability of the site, including:
- (a) establishing the ground cover of the site within 3 months following completion of any construction or upgrading;
 - (b) properly maintaining the ground cover with appropriate perennial species and weed management; and
 - (c) maintaining grazing within the development footprint, where practicable, unless the **Planning** Secretary agrees otherwise in writing.

BIODIVERSITY

Vegetation Clearance

11. The Applicant must not clear any native vegetation or fauna habitat located outside the approved disturbance areas described in the EIS.

Biodiversity Offsets

12. Prior to commencing construction, the Applicant must retire biodiversity credits of a number and class specified in Table 1 and Table 2 below, unless the **Planning** Secretary agrees otherwise.

The retirement of these credits must be carried out in accordance with the NSW *Biodiversity Offsets Scheme* and can be achieved by:

- (a) acquiring or retiring 'biodiversity credits' within the meaning of the *Biodiversity Conservation Act 2016*;
- (b) making payments into an offset fund that has been developed by the NSW Government; or
- (c) funding a biodiversity conservation action that benefits the entity impacted and is listed in the ancillary rules of the biodiversity offset scheme.

Table 1: Ecosystem Credit Requirements

Vegetation Community	PCT ID	Credits Required
Western Grey Box – Poplar Box – White Cypress Pine tall woodland on red loams mainly of the eastern Cobar Peneplain Bioregion	82	21
Riparian Blakeley's Red Gum – Box Scrub – Sedge grass tall open forest of the Central NSW South Western Slopes Bioregion	278	1
Yellow Box Grassy Woodland on lower hillslopes and valley flats in the Southern NSW Brigalow Belt South Bioregion	437	80

Table 2: Species Credit Requirements

Species Credit Species	Credits Required
Sloane's Froglet (<i>Crinia sloanei</i>)	1
Brush-stone Curlew (<i>Burhinus grallarius</i>)	3
<i>Austrostipa wakoolica</i>	10
Superb Parrot	9

Biodiversity Management Plan

13. Prior to commencing construction, the Applicant must prepare a Biodiversity Management Plan for the development in consultation with **BCS**, and to the satisfaction of the **Planning** Secretary in writing. This plan must:
- (a) include a description of the measures that would be implemented for:
 - protecting vegetation and fauna habitat outside the approved disturbance areas;
 - managing the remnant vegetation and fauna habitat on site;
 - minimising clearing and avoiding unnecessary disturbance of vegetation that is associated with the construction and operation of the development;
 - minimising the impacts to fauna on site and implementing fauna management protocols;

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- avoiding the removal of hollow-bearing trees during spring to avoid the main breeding period for hollow-dependent fauna;
 - rehabilitating and revegetating temporary disturbance areas with species that are endemic to the area;
 - maximising the salvage of vegetative and soil resources within the approved disturbance area for beneficial reuse in the enhancement or the rehabilitation of the site; and
 - controlling weeds, feral pests and pathogens; and
- (b) include details of who would be responsible for monitoring, reviewing and implementing the plan, and timeframes for completion of actions.

Following the **Planning** Secretary's approval, the Applicant must implement the Biodiversity Management Plan.

Note: If the biodiversity credits are retired via a Biodiversity Stewardship Agreement, then the Biodiversity Management Plan does not need to include any of the matters that are covered under the Biodiversity Stewardship Agreement.

AMENITY

Construction, Upgrading and Decommissioning Hours

14. Unless the **Planning** Secretary agrees otherwise, the Applicant may only undertake road upgrades, construction, upgrading or decommissioning activities between:

- (a) 7 am to 6 pm Monday to Friday;
- (b) 8 am to 1 pm Saturdays; and
- (c) at no time on Sundays and NSW public holidays.

The following construction, upgrading or decommissioning activities may be undertaken outside these hours without the approval of the **Planning** Secretary:

- activities that are inaudible at non-associated receivers;
- the delivery of materials as requested by the NSW Police Force or other authorities for safety reasons; or
- emergency work to avoid the loss of life, property and/or material harm to the environment.

Noise

15. **The Applicant must:**

- (a) minimise the noise generated by any construction, upgrading or decommissioning activities on site in accordance with the best practice requirements outlined in the *Interim Construction Noise Guideline* (DECC, 2009), or its latest version; and
- (b) take all reasonable and feasible steps to minimise operational noise and ensure that the noise generated by the operation of the development does not exceed the noise limits in Table 3 below to be determined in accordance with the procedures in the NSW Noise Policy for Industry (EPA, 2017) at any non-associated residences unless the Planning Secretary agrees otherwise

Table 3: Operational Noise Limit Requirements

Location	Noise Limits in dB(A)			
	Day	Evening	Night	Night
	L _{Aeq} (15min)	L _{Aeq} (15min)	L _{Aeq} (15min)	L _{AFmax}
Non-associated residences	40	35	35	52

Dust

16. The Applicant must minimise dust generated by the development.

Visual

17. The Applicant must:

- (a) minimise the off-site visual impacts of the development, including the potential for any glare or reflection;
- (b) ensure the visual appearance of all ancillary infrastructure (including paint colours) blends in as far as possible with the surrounding landscape; and

- (c) not mount any advertising signs or logos on site, except where this is required for identification or safety purposes.

Lighting

18. The Applicant must:
- (a) minimise the off-site lighting impacts of the development; and
 - (b) ensure that any external lighting associated with the development:
 - is installed as low intensity lighting (except where required for safety or emergency purposes);
 - does not shine above the horizontal; and
 - complies with *Australian Standard AS4282 (INT) 1997 – Control of Obtrusive Effects of Outdoor Lighting*, or its latest version.

HERITAGE

Protection of Heritage Items

19. The Applicant must ensure the development does not cause any direct or indirect impacts on the Aboriginal heritage items identified in Table 1 of Appendix 4 or any Aboriginal heritage items located outside the approved development footprint.

Prior to carrying out any development that could directly or indirectly impact the Aboriginal heritage items identified in Table 2 of Appendix 4, the Applicant must salvage and relocate the item/s that would be impacted to a suitable alternative location on site, in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW* (DECCW, 2010), or its latest version.

Note: The location of the Aboriginal heritage items referred to in this condition are shown in the figures in Appendix 4.

Heritage Management Plan

20. Prior to commencing construction, the Applicant must prepare a Heritage Management Plan for the development to the satisfaction of the **Planning** Secretary in writing. This plan must:
- (a) be prepared by suitably qualified and experienced persons whose appointment has been endorsed by the **Planning** Secretary in writing;
 - (b) be prepared in consultation with **Heritage NSW** and Aboriginal Stakeholders;
 - (c) include a description of the measures that would be implemented for:
 - protecting the Aboriginal heritage items identified in Table 1 of Appendix 4 or items located outside the approved development footprint, including fencing off the Aboriginal heritage items prior to commencing construction;
 - salvaging and relocating the Aboriginal heritage items located within the approved development footprint, as identified in Table 2 of Appendix 4;
 - a contingency plan and reporting procedure if:
 - previously unidentified heritage items are found; or
 - Aboriginal skeletal material is discovered;
 - ensuring workers on site receive suitable heritage inductions prior to carrying out any development on site, and that records are kept of these inductions; and
 - ongoing consultation with Aboriginal stakeholders during the implementation of the plan; and
 - (d) include a program to monitor and report on the effectiveness of these measures and any heritage impacts of the project.

Following the **Planning** Secretary's approval, the Applicant must implement the Heritage Management Plan.

SOIL AND WATER

Water Supply

21. The Applicant must ensure that it has sufficient water for all stages of the development, and if necessary, adjust the scale of the development to match its available water supply.

Note: Under the Water Act 1912 and/or the Water Management Act 2000, the Applicant is required to obtain the necessary water licences for the development.

Water Pollution

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22. The Applicant must ensure that the development does not cause any water pollution, as defined under Section 120 of the POEO Act.

Operating Conditions

23. The Applicant must:
- (a) ensure the solar panels and ancillary infrastructure (including security fencing) are designed, constructed and maintained to reduce impacts on surface water, flooding and groundwater at the site;
 - (b) minimise any soil erosion associated with the construction, upgrading or decommissioning of the development in accordance with the relevant requirements in the *Managing Urban Stormwater: Soils and Construction* (Landcom, 2004) or its latest version;
 - (c) ensure the solar panels and ancillary infrastructure are designed, constructed and maintained to avoid causing any erosion on site; and
 - (d) ensure all works are undertaken in accordance with the *Guidelines for Controlled Activities on Waterfront Land* (NRAR, 2018), or its latest version unless the Water Group agrees otherwise.

HAZARDS

Fire Safety Study

24. Prior to commencing construction of the battery storage facility, the Applicant must prepare and submit a Fire Safety Study for the battery storage, to the satisfaction of the Planning Secretary and meet the requirements of FRNSW. The study must:
- (a) be consistent with the Department's *Hazardous Industry Planning Advisory Paper No. 2 'Fire Safety Study' guideline*;
 - (b) describe the final design of the battery storage facility;
 - (c) include reasonable worst-case fire scenario to and from the battery storage and associated fire management; and
 - (d) identify measures to eliminate the expansion of any fire incident including:
 - adequate fire safety systems and appropriate water supply;
 - separation and/or compartmentalisation of battery units; and
 - strategies and incident control measures specific to the battery storage design.

Following approval by the Planning Secretary, the Applicant must implement the measures described in the Fire Safety Study.

Note: 'to the requirements of FRNSW' above means confirmation in writing from FRNSW that the Study meets the requirements of FRNSW as required by the Department's Hazardous Industry Planning Advisory Paper No. 2 'Fire Safety Study' guideline

Storage and Handling of Dangerous Goods

25. The Applicant must store and handle all chemicals, fuels and oils used on-site in accordance with:
- (a) the requirements of all relevant Australian Standards; and
 - (b) the NSW EPA's *Storing and Handling of Liquids: Environmental Protection – Participants Handbook* if the chemicals are liquids.

In the event of an inconsistency between the requirements listed from (a) to (b) above, the most stringent requirement must prevail to the extent of the inconsistency.

Operating Conditions

26. The Applicant must:
- (a) minimise the fire risks of the development, including managing vegetation fuel loads on-site;
 - (b) ensure that the development:
 - complies with the relevant asset protection requirements in the RFS's *Planning for Bushfire Protection 2019 (or equivalent)* and *Standards for Asset Protection Zones*;
 - is suitably equipped to respond to any fires on site including provision of a 20,000 litre water supply tank(s), fitted with a 65mm Storz fitting and a FRNSW compatible suction connection located adjacent to the internal access road, with the water level of the tank(s) maintained at an appropriate level, at all times;
 - (c) ensure that the development, including the battery storage area:

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- includes at least a 10 metre defensible space around the perimeter of the solar array area and battery storage facility that permits unobstructed vehicle access to assist the RFS and emergency services as much as practicable if there is a fire in the vicinity of the site; and
 - manages the defensible space and solar array areas as an Asset Protection Zone;
- (d) assist the RFS and emergency services as much as practicable if there is a fire in the vicinity of the site; and
- (e) notify the relevant local emergency management committee following construction of the development, and prior to commencing operations.

Emergency Plan

27. Prior to commencing construction, the Applicant must develop and implement a comprehensive Emergency Plan and detailed emergency procedures for the development and provide a copy of the plan to local Fire Control Centre and Fire and Rescue NSW. The plan must:
- (a) be prepared in accordance with the findings of the Fire Safety Study required under Condition 24 of Schedule 3;
 - (b) be consistent with the Department's Hazardous Industry Planning Advisory Paper No. 1, 'Emergency Planning' and RFS's *Planning for Bushfire Protection 2019* (or equivalent);
 - (c) include details on how the battery storage and sub-systems can be safely isolated in an emergency;
 - (d) identify the fire risks and hazards and detailed measures for the development to prevent fires igniting;
 - (e) include availability of fire suppression equipment, access and water;
 - (f) detail access provisions for emergency vehicles and contact details for both a primary and alternative site contact who may be reached 24/7 in the event of an emergency;
 - (g) include fire and bushfire emergency management planning, including:
 - a. details of the location, management and maintenance of the Asset Protection Zone;
 - b. a list of works that must not be carried out during a total fire ban;
 - c. details of how RFS would be notified, and procedures that would be implemented in the event that:
 - there is a fire on-site or in the vicinity of the site;
 - there are any activities on site that would have the potential to ignite surrounding vegetation; or
 - there are any proposed activities to be carried out during bushfire danger period;
 - (h) detail specific response measures in the case of flood to ensure site safety;
 - (i) describe the specific emergency exit routes to be used in the case of flood and include evidence of access agreements with relevant landowners (e.g. right of carriageway); and
 - (j) include an Emergency Services Information Package in accordance with the *Emergency services information package and tactical fire plan* (FRNSW, 2019), to the satisfaction of FRNSW and RFS.
- 27A. The Applicant must:
- (a) implement the Emergency Plan and Emergency Services information Package for the duration of the development; and
 - (b) following the commencement of the battery storage, keep two copies of the Emergency Plan and Emergency Services Information Package on-site in a prominent position adjacent to the site entry points at all times.

WASTE

28. The Applicant must:
- (a) minimise the waste generated by the development;
 - (b) classify all waste generated on site in accordance with the EPA's *Waste Classification Guidelines 2014* (or its latest version);
 - (c) store and handle all waste on site in accordance with its classification;
 - (d) not receive or dispose of any waste on site; and
 - (e) remove all waste from the site as soon as practicable, and ensure it is sent to an appropriately licensed waste facility for disposal.

DECOMMISSIONING AND REHABILITATION

29. Within 18 months of the cessation of operations, unless the Planning Secretary agrees otherwise, the Applicant must rehabilitate the site to the satisfaction of the Planning Secretary. This rehabilitation must comply with the objectives in Table 4.

Table 4: Rehabilitation Objectives

Feature	Objective
Site	<ul style="list-style-type: none"> • Safe, stable and non-polluting • Minimise the visual impact of any above ground ancillary infrastructure agreed to be retained for an alternative use
Solar farm infrastructure	<ul style="list-style-type: none"> • To be decommissioned and removed, unless the Planning Secretary agrees otherwise
Land use	<ul style="list-style-type: none"> • Restore land capability to pre-existing use (at least Class 3 Land Capability for areas of mapped Biophysical Strategic Agricultural Land)
Community	<ul style="list-style-type: none"> • Ensure public safety at all times

CONSOLIDATED CONSENT

SCHEDULE 4

ENVIRONMENTAL MANAGEMENT AND REPORTING

ENVIRONMENTAL MANAGEMENT

Environmental Management Strategy

1. Prior to commencing construction, the Applicant must prepare an Environmental Management Strategy for the development to the satisfaction of the **Planning** Secretary. This strategy must:
 - (a) provide the strategic framework for environmental management of the development;
 - (b) identify the statutory approvals that apply to the development;
 - (c) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development;
 - (d) describe the procedures that would be implemented to:
 - keep the local community and relevant agencies informed about the operation and environmental performance of the development;
 - receive, handle, respond to, and record complaints;
 - resolve any disputes that may arise;
 - respond to any non-compliance;
 - respond to emergencies; and
 - (e) include:
 - references to any **strategies, plans and programs** approved under the conditions of this consent; and
 - a clear plan depicting all the monitoring to be carried out in relation to the development.

Following the **Planning** Secretary's approval, the Applicant must implement the Environmental Management Strategy.

Revision of Strategies, Plans and Programs

2. The Applicant must:
 - (a) update the strategies, plans or programs required under this consent to the satisfaction of the **Planning** Secretary prior to carrying out any upgrading or decommissioning activities on site; and
 - (b) review and, if necessary, revise the strategies, plans or programs required under this consent to the satisfaction of the **Planning** Secretary within 1 month of the:
 - submission of an incident report under condition 7 of Schedule 4;
 - submission of an audit report under condition 9 of Schedule 4; or
 - any modification to the conditions of this consent.

Updating and Staging of Strategies, Plans or Programs

3. **With the approval of the Secretary, the development may be staged and the Applicant may:**
 - (a) prepare and submit any strategy, plan or program required by this consent on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan or program applies, the relationship of the stage to any future states and the trigger for updating the strategy, plan or program).
 - (b) combine any strategy, plan or program required by this consent (if a clear relationship is demonstrated between the strategies, plans or programs that are proposed to be combined); and
 - (c) update any strategy, plan or program required by this consent (to ensure the strategies, plans and programs required under this consent are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development).
- 3A. If the **Planning** Secretary agrees, a strategy, plan or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition of this consent.
- 3B. If approved by the **Planning** Secretary, updated strategies, plans or programs supersede the previous versions of them and must be implemented in accordance with the condition that requires the strategy, plan or program.
- 3C. If the **Planning** Secretary agrees, a strategy, plan or program may be staged without addressing particular requirements of the relevant condition of this consent if those requirements are not applicable to the particular stage.

NOTIFICATIONS

Notification of Department

4. Prior to commencing the road upgrades, construction, operations, upgrading or decommissioning of the development or the cessation of operations, the Applicant must notify the Department via the Major Projects website portal of the date of commencement, or cessation, of the relevant phase.

If any of these phases of the development are to be staged, then the Applicant must notify the Department in writing prior to commencing the relevant stage, and clearly identify the development that would be carried out during the relevant stage.

Final Layout Plans

5. Prior to commencing construction, the Applicant must submit detailed plans of the final layout of the development to the Department via the Major Projects website, including details on the siting of solar panels and ancillary infrastructure.

The Applicant must ensure that the development is constructed in accordance with the Final Layout Plans.

Work as Executed Plans

6. Prior to commencing operations or following the upgrades of any solar panels or ancillary infrastructure, the Applicant must submit work as executed plans of the development to the Department via the Major Projects website.

Incident Notification

7. The **Planning Secretary** must be notified via the Major Projects website portal immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one) and set out the location and nature of the incident.

Non-Compliance Notification

8. The Department must be notified in writing via the Major Projects website portal within 7 days after the Applicant becomes aware of any non-compliance with the conditions of this consent. The notification must identify the development and the application number for it, set out the condition of consent that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been done, or will be, undertaken to address the non-compliance. A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.

INDEPENDENT ENVIRONMENTAL AUDIT

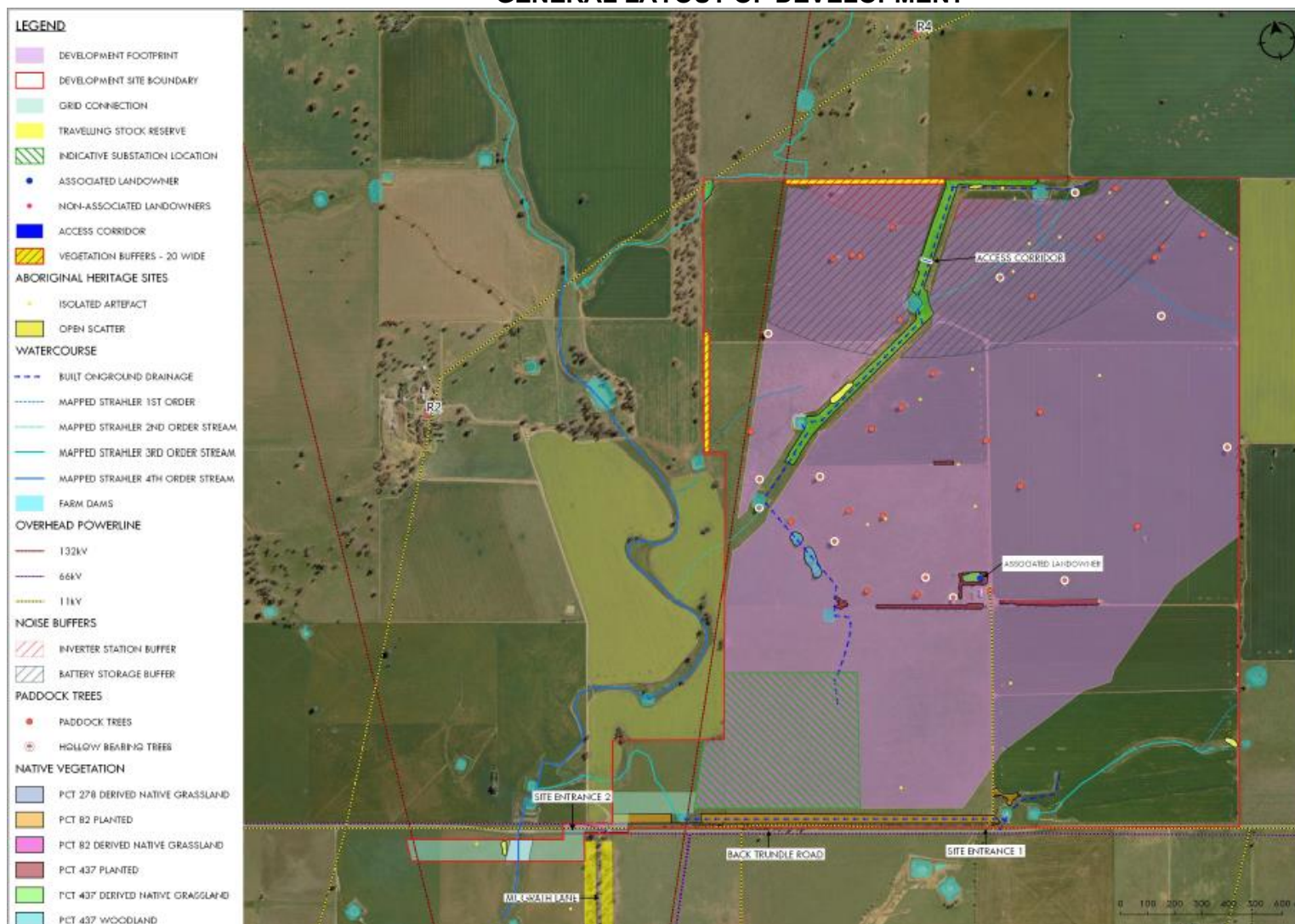
9. Independent Audits of the development must be conducted and carried out in accordance with the *Independent Audit Post Approval Requirements (2020)*.
- 9A. In accordance with the specific requirements in the *Independent Audit Post Approval Requirements (2020)*, the Applicant must:
 - (a) Review and respond to each Independent Audit Report prepared under condition 12 of Schedule 4, or condition 14 of Schedule 4 where notice is given by the Planning Secretary;
 - (b) Submit the response to the Planning Secretary; and
 - (c) Make each Independent Audit Report, and response to it, publicly available within 60 days of the submission to the Planning Secretary.
- 9B. Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlined in the *Independent Audit Post Approval Requirements (2020)*, the Planning Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that independent operational audits have demonstrated operational compliance.

ACCESS TO INFORMATION

10. The Applicant must:

- (a) make the following information publicly available on its website as relevant to the stage of the development:
 - the EIS;
 - the final layout plans for the development;
 - current statutory approvals for the development;
 - approved strategies, plans or programs required under the conditions of this consent (other than the Fire Strategy Study and Emergency Plan);
 - the proposed staging plans for the development if the construction, operation or decommissioning of the development is to be staged;
 - how complaints about the development can be made;
 - a complaints register;
 - compliance reports;
 - any independent environmental audit, and the Applicant's response to the recommendations in any audit; and
 - any other matter required by the Planning Secretary; and
- (b) keep this information up to date.

APPENDIX 1 GENERAL LAYOUT OF DEVELOPMENT



**APPENDIX 2
SCHEDULE OF LANDS**

<i>Lot Number</i>	<i>Deposit Plan (DP)</i>
508	750152
1	1090411

Note: The project site will also be taken to include any crown land and road reserves contained within the project site.

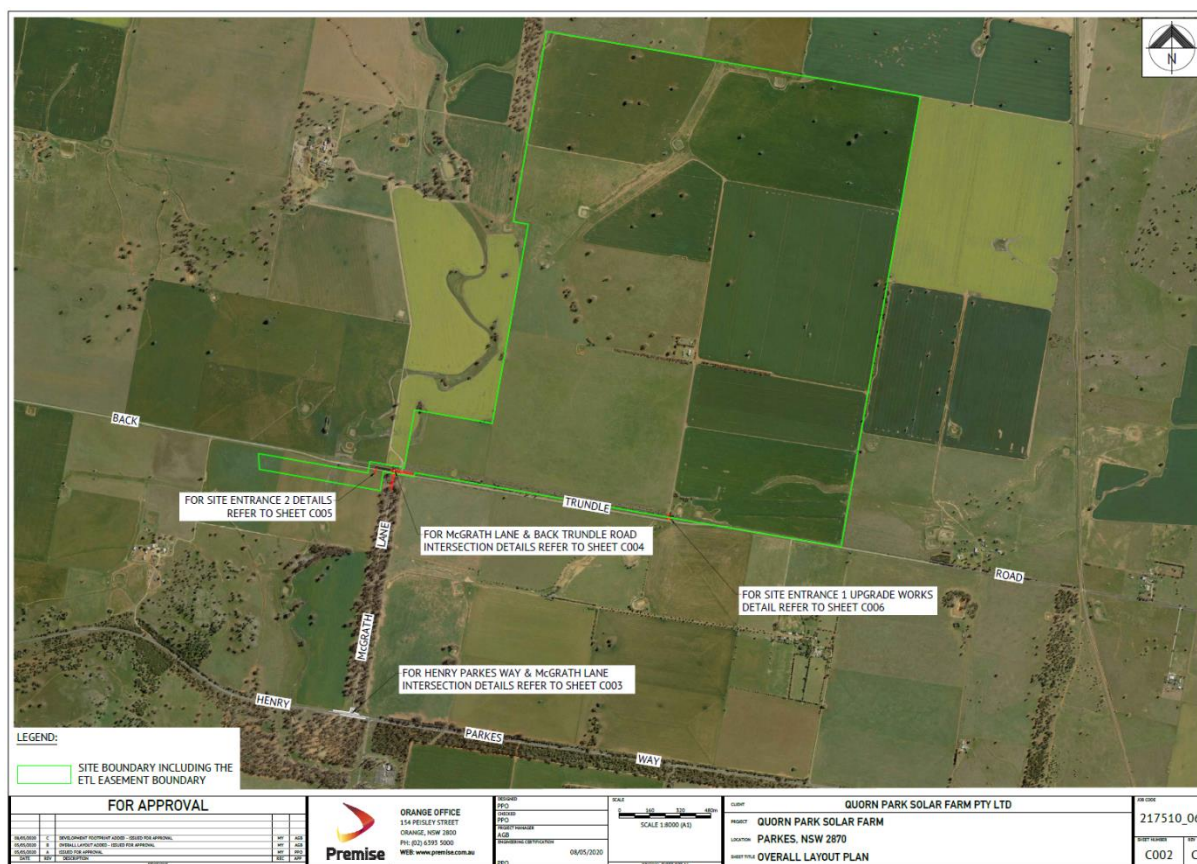
APPENDIX 3
ROAD UPGRADES AND SITE ACCESS

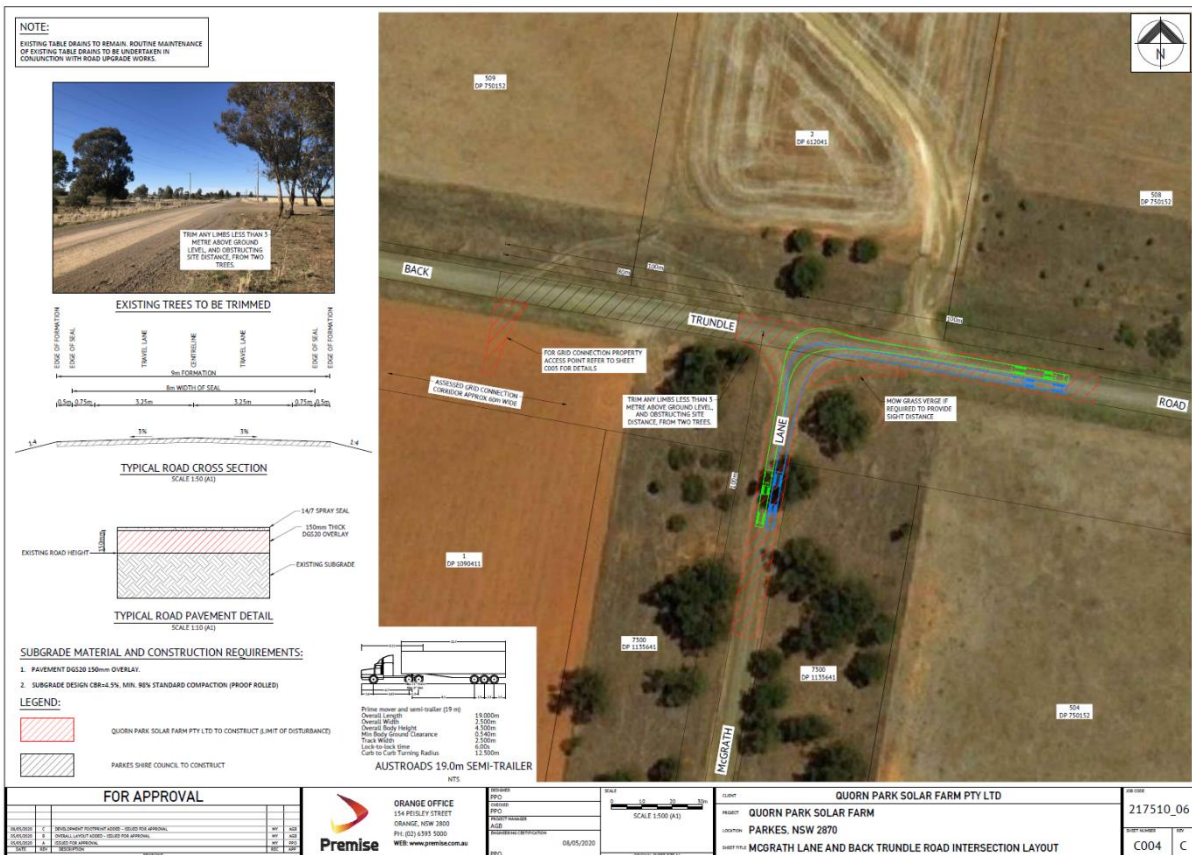
Road	Location ¹	Upgrade Requirements
McGrath Lane and Henry Parkes Way	Intersection	Basic Right Turn and Basic Left Turn (BAR/BAL) treatment to cater for the largest vehicle accessing the site (excluding over-dimensional vehicles)
McGrath Lane	100 m from Henry Parkes Way 100m from Back Trundle Road	Widening of pavement and bitumen seal McGrath Lane to a width of 9 m road formation (8 m sealed with 0.5 m unsealed shoulder on either side) for at least a distance of 100m from Henry Parkes Way Widening and bitumen seal McGrath Lane to a width of 9 m road formation (8 m sealed with 0.5 m unsealed shoulder on either side) for at least a distance of 100m from Back Trundle Road
Back Trundle Road and McGrath Lane Intersection	Intersection	Construction of Rural Sealed Intersection to cater for the largest vehicle accessing the site (excluding over-dimensional vehicles) ²
Back Trundle Road	100 m from McGrath Lane	Widening and bitumen seal Back Trundle Road to a width of 9 m road formation (8 m sealed with 0.5 m unsealed shoulder on either side) for at least a distance of 100m to the east from McGrath Lane.
Back Trundle Road	Site Access Point	Rural Property Access Type ²

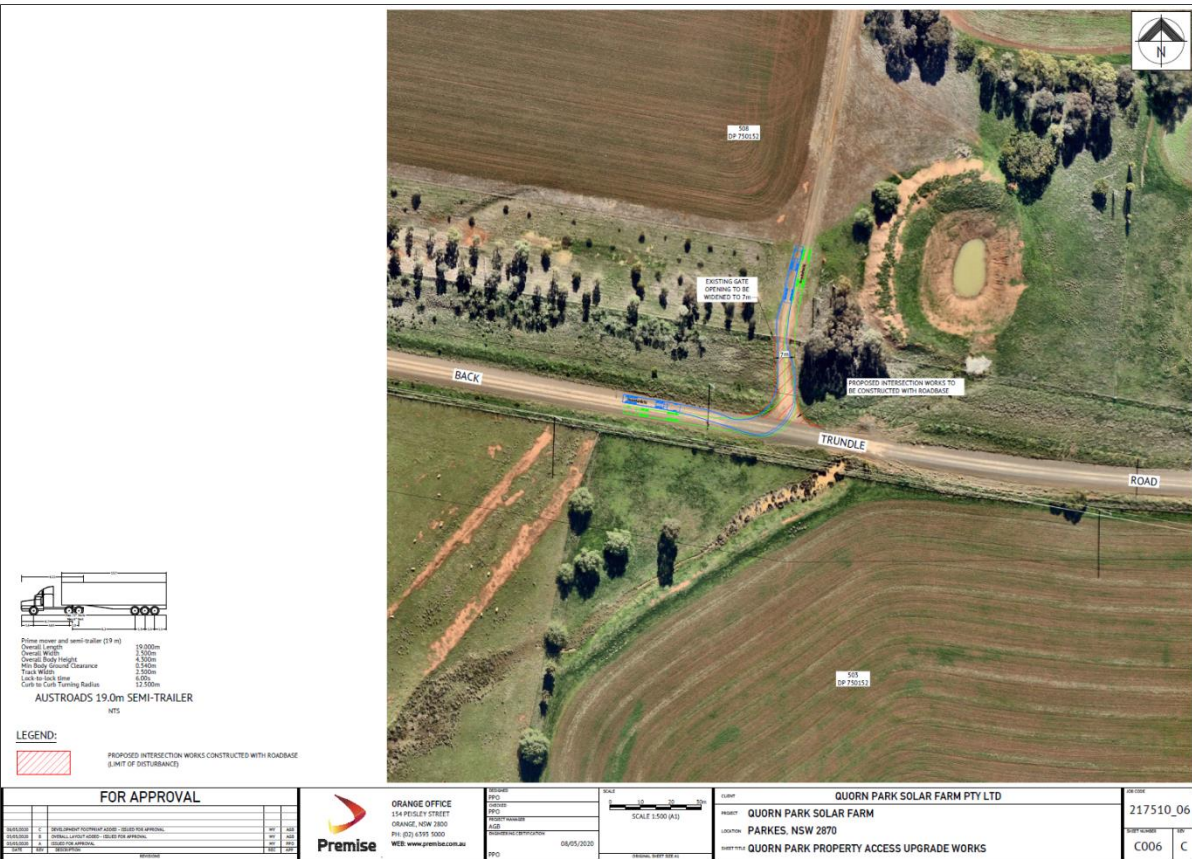
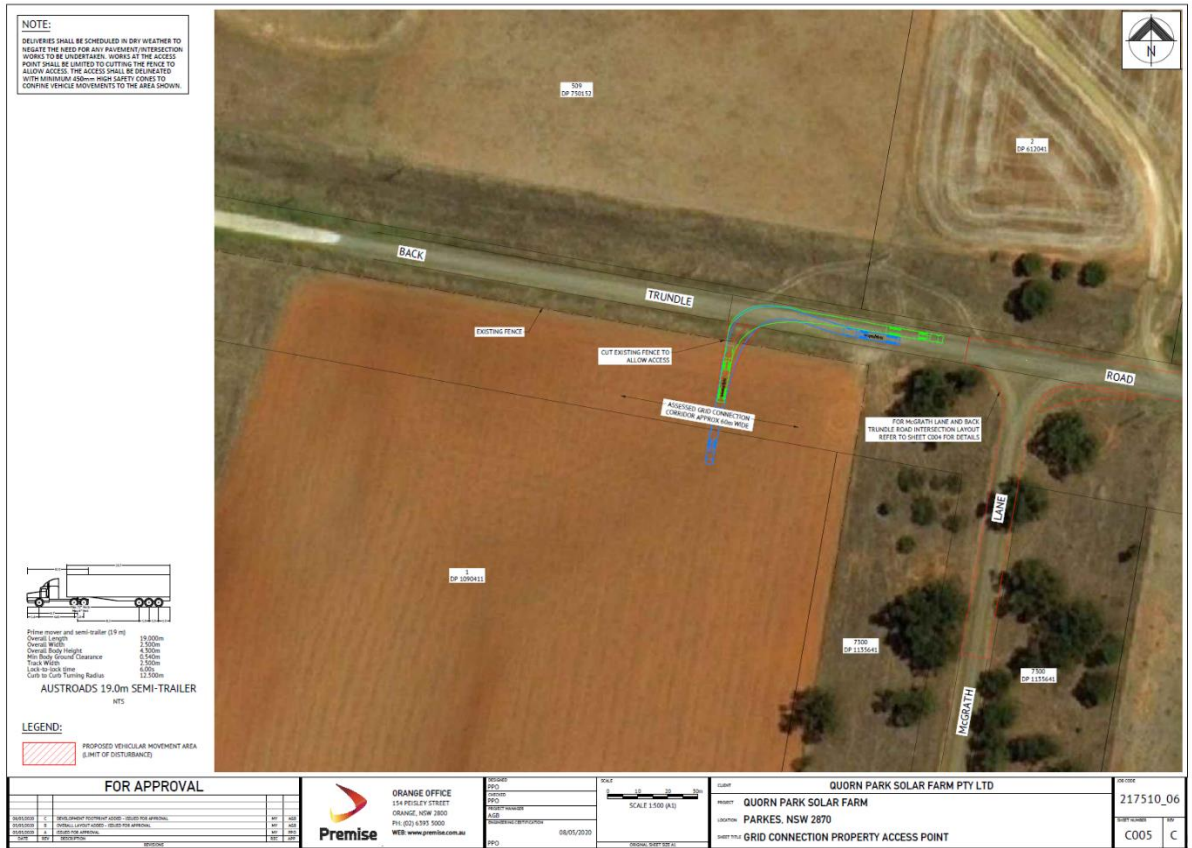
¹Refer to the figures in Appendix 3 for the location and further details of the road upgrades.

²Upgrades must comply with the Austroads Guide to Road Design (as amended by TfNSW supplements).

Note: Under Part 4.4.2 of the EP&A Act, the Proponent is required to obtain consent under section 138 of the Roads Act 1993 from the relevant road authority prior to commencing the road upgrades.







**APPENDIX 4
ABORIGINAL HERITAGE ITEMS**

Table 1: Aboriginal heritage items – avoid impacts

<i>Item</i>
OS1 (artefact scatter)
OS2 (artefact scatter)
OS3 (artefact scatter)
Warrawee IF1 (Isolated Find)
Ponderosa IF 1(Isolated Find)

** Only items within the exclusion zones are to be avoided (refer to the Figure in this Appendix to identify exclusion zones)*

Table 2: Aboriginal heritage items – surface collection salvage

<i>Site</i>
Ridgey Creek – OS 1
QP IF 1 – QP IF 20
Ridgey Creek IF 1

