

Section 138 No. S138.0022/2023

Issued under the *Roads Act 1993* Section 138

Our Ref: S138.0022/2023

Applicant: Acen Stubbo Solar Farm Pty Ltd
Level 2 Suite 2
15 Castray Esplanade
BATTERY POINT TAS 7004

Owner: [REDACTED]

Subject Land: MacHaven Gracelands 465 Blue Springs Road STUBBO NSW 2852
Lot 86 DP 750765 Lot 25 DP 502960 Lot 68 DP 750765 Lot 4 DP 502956
Lot 69 DP 750765 Lot 59 DP 750765 Lot 60 DP 750765
Lot 146 DP 750765 Lot 1 DP 525593 EP 44589

Description of Development

Type of Work:	Works Within Road Reserve
Description	Driveway construction, Stormwater connection Pavement work, including kerb & guttering Dig up or disturb the surface of a public road Remove or interfere with a structure, work or tree on a public road Connect a road (whether public or private) to a classified road

Plans and Specifications Approved	List has been attached below
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Certifying Authority	Mid-Western Regional Council P O Box 156 MUDGEE NSW 2850 Telephone: 02 6378 2850
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Certificate:	I certify that the work if completed in accordance with these plans and specifications will comply with the requirements of S138 of the <i>Roads Act 1993</i> .
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Signature



Don Cottee
Development Control Engineer

Date of Endorsement	10 August 2022
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S138.0022/2023

10 August 2022

ROAD WORKS APPROVAL AUTHORITY

WORKS ADDRESS: MacHaven Gracelands 465 Blue Springs Road STUBBO NSW 2852
Lot 86 DP 750765 Lot 25 DP 502960 Lot 68 DP 750765
Lot 4 DP 502956 Lot 69 DP 750765 Lot 59 DP 750765
Lot 60 DP 750765 Lot 146 DP 750765 Lot 1 DP 525593
EP 44589

Development Application No:

Construction Certificate No:

Approval is hereby granted under Section 138 of the Roads Act 1993 for works in connection with the property access, subject to the following conditions;

PRIOR TO COMMENCEMENT OF ROAD UPGRADE WORKS

1. The following is to be provided, prior to the commencement of any works and is to be maintained in an effective and operational condition for the duration of the work:
 - a) Mid-Western Regional Council is to be given at least two days' notice of the intention to commence works.
 - b) A site supervisor is to be nominated by the applicant.
 - c) A Traffic Management Plan (TMP) completed by a "Certified Person" for implementation during the works is to be submitted to Mid-Western Regional Council prior to the commencement of works.
 - d) Soil and Water Management Plan (SWMP) for the Development is to be prepared and submitted to council and this must comply with the requirements and Guidelines set out by Landcom as outlined in the latest edition of "Soils and Construction- Managing Stormwater.
 - e) Appropriate dust control measures;
 - f) Construction equipment and materials shall be contained wholly within the site unless approval to use the road reserve has been obtained;
 - g) Toilet facilities are to be provided on the work site at the rate of one toilet for every 20 persons or part of 20 persons employed at the site.
 - h) Works that has to be carried out due to this proposed development must be carried out as per the consent condition issued by DPIE

The following matters need to be addressed by the owner/applicant and/or principal contractor at the applicable stages of the project:

Mid-Western Regional Council (MWRC) is to be notified 24 hours prior to each inspection.

The following inspections are required by the Roads Authority;

INSPECTIONS REQUIRED

Mid-Western Regional Council (MWRC) is to be notified 24 hours prior to each inspection.

1. The following inspections and test results are required by, and must be provided to, the Principal Certifying Authority;
 - Installation of all erosion and sedimentation control measures
 - Installation of stormwater infrastructure prior to backfilling
 - Test results of sub-base and base course material proposed prior to placing, certified by design engineer
 - Proof rolling with minimum 15T roller or 15,000 litre water tank of sub-grade, sub-base and base with minimum deflection
 - Establishment of line and level for kerb and gutter placement where applicable
 - Road pavement construction including submission of all satisfactory survey conformance and compaction test reports in accordance with AUS-SPEC acceptance of compacted layers C242.17 and C242.18 for sub-base and base layers maximum 150mm depth using random test locations as per RTA Q4 – certified by design engineer
 - Visual inspection of road pavement to confirm consistency of pavement prior to bitumen sealing
 - All records following pavement surfacing including primer seal and asphalt details as specified in AUS-SPEC – certified by design engineer
 - Final visual inspection of road pavement surfacing on completion
 - Installation of form work and steel prior to pouring concrete including submission of design engineer certified material reports
 - Final inspection of all completed works prior to handover to council.
 - ALL QA documentation should be sent through progressively to Council's email address council@midwestern.nsw.gov.au with all required referencing details

GENERAL

1. Where it is proposed to import fill, the material shall be free of hazardous materials and contamination and be classified as VENM or ENM under the guidelines of the NSW Environmental Protection Authority by a qualified Geotechnical Engineer.
2. Runoff and erosion controls is to be installed prior to clearing and incorporate;
 - Diversion of uncontaminated upsite runoff around cleared and/or disturbed areas and areas to be cleared and/or disturbed
 - Sediment control fences at the downslopes perimeter of the cleared and/or disturbed are to prevent sediment and other debris escaping from the land to pollute any stream or water body

- Maintenance of all erosion control measures at maximum operational capacity until the land is effectively rehabilitated and stabilised beyond the completion of construction
 - Any soil/water retention structures are to be constructed prior to the bulk stripping of topsoil to ensure sediment from the disturbed site is captured.
 - As soon as possible the disturbed surfaces due to construction activities must be covered and Table drains and swales must be turfed
 - High erosion areas, including batters must be stabilised within 7 days of completing of works and might have to be earlier if directed by superintendent
 - After each rainfall event applicant must rang council's development engineer/certifier to carryout joint inspection along with site supervisor to ensure that sediment control structures require any repair/reinstatement if there is any damage to sediment control structures
 - All sediment traps are to be in place at the end of work each day
3. All works are to be carried out in a workmanlike manner and in accordance with technical and performance requirements of relevant and applicable Codes, Standards, Council's Development Control Plan and AUS-SPEC #1.
 4. If any aboriginal artefacts are uncovered or identified during construction earthworks, such work is to cease immediately and the local aboriginal community and National Parks and Wildlife Service are to be notified.

(Note: A suitably qualified person is required to be present during earthworks to identify whether any artefacts were uncovered).
 5. Any necessary alterations to, or relocations of, public utility services to be carried out at no cost to council and in accordance with the requirements of the relevant authority including the provision of easements over existing and proposed public infrastructure.
 6. The applicants shall, at their own expense, engage a registered surveyor to relocate any survey mark that may be disturbed by the development or any associated work. Any information regarding relocation should be supplied to the Land Titles Office and Council.
 7. Any damage caused to existing Council's infrastructure must be repaired immediately at the Contractor's expense to the satisfaction of Council.
 8. If any assets of any authorities get damaged or requires alternation/relocation due to this proposed development, then the respective authorities must be contacted/consulted prior carrying out those works.
 9. The contractor / owner must arrange an inspection by contacting Council's Development Directorate between 8:00am and 4:30pm Monday to Friday, giving at least twenty-four (24) hours notice. Failure to have the work inspected may result in the access being removed and reconstructed at the contractor / owner's expense.

CONSTRUCTION - ROADS, KERB AND GUTTER

10. Construction of the roads are to be undertaken generally in accordance with the approved Drawings, Engineering Design and AUS-SPEC #1 & 2.
11. A Traffic Control Plan showing proposed traffic signposting around the construction site in accordance with AS 1742.3 and RMS Manual for Traffic Control at Worksites current at the time of construction is to be provided to Council for approval prior to any works

commencing on Ulan, Cope road and Blue Spring Road. The plan must be prepared and certified by a person holding the appropriate RMS accreditation.

Approved barriers and safety fencing must be placed and maintained around all excavation works at all times. Council accepts no responsibility and the Contractor will be held liable for any claims for damages or injury that may result from the works.

12. All traffic control including setup and removal of traffic control devices and/or regulation of traffic is to be carried out by persons suitably accredited by RMS. The developer/contractor must produce upon request evidence that all staff involved in the above have such accreditation.
13. All required earthworks for roads associated with the subdivision must have compaction testing in compliance with RMS Q4 and AUS-SPEC.
14. All earthworks, filling, building, driveways or other works, are to be designed and constructed (including stormwater drainage if necessary) so that at no time will any ponding or damage caused by stormwater occur on adjoining land as a result of this development.
15. Road pavements shall be designed by a suitable qualified engineer in accordance with AUSTRROADS procedures. Materials and testing requirements shall comply with those set out in AUS-SPEC Construction Specification with sample locations selected as RMS Specification Q4.
16. The developer is to construct/upgarde the roads, such that they have the following characteristics in accordance with the modified consent:

Blue spring road Upgrade

Item	Requirement
Full Road Pavement Width	<i>Sealed road as per approved plan (including verge)</i> <i>Marking and signage must be in accordance with MUTCD/Approved Dwg/Referenced document of AUS-SPEC</i>
Seal	Two-coat flush seal -14/7 mm (Double/ Double) as required
Safety Barriers	In accordance with AGRD (geometric design and part 6 - road side design and safety barriers)
Batter Slope	Is to be in accordance with AGRD (batter rounding is desirable)
Kerb & Gutter	Roll back concrete kerb & gutter as per Austroad Guide to Road Design (where applicable)

Cope Road/Blue spring road intersection Upgrade

Item	Requirement
Full Road Pavement Width	Upgrade intersection and this must incorporate BAL and BAR as per Austroad Guide to Road Design
Seal	Two-coat flush seal -14/7 mm (Double/ Double) as required

Batter Slope	In accordance to AGRD
Kerb & Gutter	Roll back concrete kerb & gutter as per Austroad Guide to Road Design (where applicable)

17. Street signs necessitated by this road upgrade works are to be installed in accordance with AUS-SPEC #1 and Council standards.
18. Where applicable, all electrical, telecommunication, sewer and water service crossings are to be perpendicular to the road centreline and performed prior to the addition of base course and installation of kerb and gutter.

CONSTRUCTION - VEHICLE ACCESS CROSSING

From change 0+00 to chainage 4+620 all the existing access must be upgraded in accordance with council's access to property policy for rural road and must be sealed with bitumen at least 15m minimum from the new edge of the pavement or up to property boundary and must incorporate suitable drainage infrastructure and must ensure that the existing road side drainage lines and its capacity is not compromised.

19. All service connections should cross the road perpendicular to the road centerline.

CONSTRUCTION - STORMWATER

20. All road crossing is to be constructed using Reinforced Concrete Pipe (RCP) and inlet and outlet point must have suitable provision to control erosion and scouring to council's satisfaction. This is applicable to all drainage structures required along driveway.
21. At the completion of construction Council requires lodgment of a Quality Register in with all of the QA documentation in accordance with AUS-SPEC requirements

Records to be included as applicable

- Material Certification and Material Test Reports (Sub base, Base course, Water, Sewer, Stormwater, Bitumen etc for supplied materials)
 - Concrete mix Details (Concrete Register/ Concrete Test Results required)
 - Bitumen Sealing Reports/Records
 - Earthworks/Civil Test Reports e.g. compaction tests - (Coordinates and RL required for each test required to be shown on a dwg)
 - Dimensional and Tolerance Records (Survey Conformance Reports)
 - Inspection Documentation (Development Engineer Inspections, ITPs, Lot Identification)
 - Non-conformance reports (Major non-conformances not detailed on council inspections)
 - Copy of final inspection report from Council's Development Engineer
22. Following the completion of road upgrade works, one set of Works As Executed (WAE) Drawings in PDF format, AutoCAD compatible files in DWG format, MapInfo files (MGA GDA94 Zone 55/56) and completed Asset Data Template spreadsheets in MS Excel format, are to be submitted to Council. All Works As Executed plans shall bear the consulting engineer's or consulting surveyor's certification stating that all information shown in the plans are accurate.

General Responsibilities of the Applicant and/or the Principal Contractor

It is the responsibility of either or both of these parties to:

- Provide for the overall supervision and quality of the works.
- Advise Council offices regarding:
 1. Any foreseeable hazard arising from the premises that has the potential to harm the health or safety of the Council officers when on the work site, and
 2. The assessment of any risk that has not been eliminated, and
 3. The measures taken to control any such risks, and
 4. Any measures that may need to be taken by Council officers to control any such risk while on the work site.
- Obey with any lawful instruction of the Principal Certifying Authorities representative.
- Notify Council when a required inspection has been missed.
- The provision and maintenance of all site signage as required by legislation, including but not limited to:
 1. A sign indicating the name and telephone number (both during and outside working hours) of the Principal Contractor, and
 2. The name and phone number of the Principal Certifying Authority.

Approved plans and specification:

DRAWING NUMBER	DESCRIPTION
C101-001	COVER SHEET AND LOCALITY PLAN
C101-002	DRAWING INDEX
C101-101	CONSTRUCTION NOTES AND DETAILS - SHEET 1
C101-102	CONSTRUCTION DETAILS
C101-201	KEY PLAN
C103-001	SOIL EROSION AND SEDIMENT CONTROL PLANS - SHEET 1
C103-002	SOIL EROSION AND SEDIMENT CONTROL PLANS - SHEET 2
C103-003	SOIL EROSION AND SEDIMENT CONTROL PLANS - SHEET 3
C103-004	SOIL EROSION AND SEDIMENT CONTROL PLANS - SHEET 4
C103-005	SOIL EROSION AND SEDIMENT CONTROL PLANS - SHEET 5
C103-006	SOIL EROSION AND SEDIMENT CONTROL PLANS - SHEET 6
C103-007	SOIL EROSION AND SEDIMENT CONTROL PLANS - SHEET 7
C103-008	SOIL EROSION AND SEDIMENT CONTROL PLANS - SHEET 8
C103-009	SOIL EROSION AND SEDIMENT CONTROL PLANS - SHEET 9
C103-010	SOIL EROSION AND SEDIMENT CONTROL PLANS - SHEET 10
C103-011	SOIL EROSION AND SEDIMENT CONTROL PLANS - SHEET 11
C103-012	SOIL EROSION AND SEDIMENT CONTROL PLANS - SHEET 12
C103-013	SOIL EROSION AND SEDIMENT CONTROL PLANS - SHEET 13
C103-101	SOIL EROSION AND SEDIMENT CONTROL - NOTES AND DETAILS
C105-001	GENERAL ARRANGEMENT PLAN - SHEET 1
C105-002	GENERAL ARRANGEMENT PLAN - SHEET 2
C105-003	GENERAL ARRANGEMENT PLAN - SHEET 3
C105-004	GENERAL ARRANGEMENT PLAN - SHEET 4
C105-005	GENERAL ARRANGEMENT PLAN - SHEET 5
C105-006	GENERAL ARRANGEMENT PLAN - SHEET 6
C105-007	GENERAL ARRANGEMENT PLAN - SHEET 7
C105-008	GENERAL ARRANGEMENT PLAN - SHEET 8
C105-009	GENERAL ARRANGEMENT PLAN - SHEET 9
C105-010	GENERAL ARRANGEMENT PLAN - SHEET 10
C105-011	GENERAL ARRANGEMENT PLAN - SHEET 11
C105-012	GENERAL ARRANGEMENT PLAN - SHEET 12
C105-013	GENERAL ARRANGEMENT PLAN - SHEET 13
C106-101	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 1
C106-102	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 2
C106-103	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 3
C106-104	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 4
C106-105	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 5
C106-106	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 6
C106-107	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 7
C106-108	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 8
C106-109	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 9
C106-110	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 10
C106-111	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 11
C106-112	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 12
C106-113	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 13
C106-114	ROAD LONGITUDINAL SECTIONS (MC10) - SHEET 14
C106-121	ROAD LONGITUDINAL SECTIONS - (MDB1), (MC20) AND (MC40)
C106-201	TYPICAL ROAD CROSS SECTIONS
C106-301	ROAD CROSS SECTIONS (MC00)
C106-401	ROAD CROSS SECTIONS (MC10) - SHEET 1
C106-402	ROAD CROSS SECTIONS (MC10) - SHEET 2
C106-403	ROAD CROSS SECTIONS (MC10) - SHEET 3
C106-404	ROAD CROSS SECTIONS (MC10) - SHEET 4
C106-405	ROAD CROSS SECTIONS (MC10) - SHEET 5
C106-406	ROAD CROSS SECTIONS (MC10) - SHEET 6
C106-407	ROAD CROSS SECTIONS (MC10) - SHEET 7
C106-408	ROAD CROSS SECTIONS (MC10) - SHEET 8
C106-409	ROAD CROSS SECTIONS (MC10) - SHEET 9
C106-410	ROAD CROSS SECTIONS (MC10) - SHEET 10
C106-411	ROAD CROSS SECTIONS (MC10) - SHEET 11
C106-412	ROAD CROSS SECTIONS (MC10) - SHEET 12

DRAWING NUMBER	DESCRIPTION
C106-413	ROAD CROSS SECTIONS (MC10) - SHEET 13
C106-414	ROAD CROSS SECTIONS (MC10) - SHEET 14
C106-415	ROAD CROSS SECTIONS (MC10) - SHEET 15
C106-416	ROAD CROSS SECTIONS (MC10) - SHEET 16
C106-417	ROAD CROSS SECTIONS (MC10) - SHEET 17
C106-418	ROAD CROSS SECTIONS (MC10) - SHEET 18
C106-419	ROAD CROSS SECTIONS (MC10) - SHEET 19
C106-420	ROAD CROSS SECTIONS (MC10) - SHEET 20
C106-421	ROAD CROSS SECTIONS (MC10) - SHEET 21
C106-422	ROAD CROSS SECTIONS (MC10) - SHEET 22
C106-423	ROAD CROSS SECTIONS (MC10) - SHEET 23
C106-424	ROAD CROSS SECTIONS (MC10) - SHEET 24
C106-425	ROAD CROSS SECTIONS (MC10) - SHEET 25
C106-426	ROAD CROSS SECTIONS (MC10) - SHEET 26
C106-427	ROAD CROSS SECTIONS (MC10) - SHEET 27
C106-428	ROAD CROSS SECTIONS (MC10) - SHEET 28
C106-429	ROAD CROSS SECTIONS (MC10) - SHEET 29
C106-430	ROAD CROSS SECTIONS (MC10) - SHEET 30
C106-431	ROAD CROSS SECTIONS (MC10) - SHEET 31
C106-432	ROAD CROSS SECTIONS (MC10) - SHEET 32
C106-433	ROAD CROSS SECTIONS (MC10) - SHEET 33
C106-434	ROAD CROSS SECTIONS (MC10) - SHEET 34
C106-435	ROAD CROSS SECTIONS (MC10) - SHEET 35
C106-436	ROAD CROSS SECTIONS (MC10) - SHEET 36
C106-437	ROAD CROSS SECTIONS (MC10) - SHEET 37
C106-438	ROAD CROSS SECTIONS (MC10) - SHEET 38
C106-439	ROAD CROSS SECTIONS (MC10) - SHEET 39
C106-440	ROAD CROSS SECTIONS (MC10) - SHEET 40
C106-701	KERB RETURN PLAN (MK0A), (MK0B) AND (MKB1), (MKB2)
C106-702	KERB RETURN PROFILES (MK0A) - SHEET 1
C106-703	KERB RETURN PROFILES (MK0A) - SHEET 2
C106-704	KERB RETURN PROFILES (MK0A) - SHEET 3
C106-705	KERB RETURN PROFILES (MK0B) - SHEET 1
C106-706	KERB RETURN PROFILES (MK0B) - SHEET 2
C106-707	KERB RETURN PROFILES (MKB1) AND (MKB2)
C106-708	KERB RETURN PLAN (MK4A) AND (MK4B)
C106-709	KERB RETURN PROFILES (MK4A) - SHEET 1
C106-710	KERB RETURN PROFILES (MK4B) - SHEET 2
C106-711	KERB RETURN PLAN (MK2A) AND (MK2B)
C106-712	KERB RETURN PROFILES (MK2A)
C106-713	KERB RETURN PROFILES (MK2B)
C107-001	DRIVEWAY PROFILES - SHEET 1
C107-002	DRIVEWAY PROFILES - SHEET 2
C107-003	DRIVEWAY PROFILES - SHEET 3
C107-004	DRIVEWAY PROFILES - SHEET 4
C108-001	VEGETATION REMOVAL PLAN - SHEET 1
C108-002	VEGETATION REMOVAL PLAN - SHEET 2
C108-003	VEGETATION REMOVAL PLAN - SHEET 3
C108-004	VEGETATION REMOVAL PLAN - SHEET 4
C108-005	VEGETATION REMOVAL PLAN - SHEET 5
C108-006	VEGETATION REMOVAL PLAN - SHEET 6
C108-007	VEGETATION REMOVAL PLAN - SHEET 7
C108-008	VEGETATION REMOVAL PLAN - SHEET 8
C108-009	VEGETATION REMOVAL PLAN - SHEET 9
C108-010	VEGETATION REMOVAL PLAN - SHEET 10
C108-011	VEGETATION REMOVAL PLAN - SHEET 11
C108-012	VEGETATION REMOVAL PLAN - SHEET 12
C108-013	VEGETATION REMOVAL PLAN - SHEET 13
C109-001	SETOUT INFORMATION - SHEET 1
C109-002	SETOUT INFORMATION - SHEET 2
C109-003	SETOUT INFORMATION - SHEET 3