

21 March 2022

Jules Frias  
 AECOM Pty Ltd  
 PO Box 1307  
 FORTITUDE VALLEY QLD 4006

Dear Mr Frias

**DECISION NOTICE – APPROVAL WITH CONDITIONS – DA2021/31/01**

(GIVEN UNDER THE PROVISIONS OF GPC LAND USE PLAN 2012V2)

**1. Application Details**

This development application was **properly made** to the Gladstone Ports Corporation Limited on **8 December 2021**.

<b>Application Number:</b>	DA2021/31/01
<b>Applicant Name:</b>	Clarke Creek Energy Pty Ltd
<b>Applicant Contact Details:</b>	Jules Frias AECOM Pty Ltd PO Box 1307 FORTITUDE VALLEY QLD 4006  Email: <a href="mailto:Jules.Frias@aecom.com">Jules.Frias@aecom.com</a>
<b>Approvals Sought (Land Use Plan):</b>	Port Application for engineering, earthworks, landscaping and installation of services and infrastructure.
<b>Details of Proposed Development:</b>	Importing and storing wind turbine components and transferring same to wind farm site via trucks.
<b>Location Street Address:</b>	John Bates Drive, Macfarlan Drive, Flinders Parade, Mark Fenton Drive (roundabout)  GLADSTONE QLD 4680
<b>Location Real Property Description:</b>	Permit to Occupy areas in Lot 300 on SP272314 (Area 8 and Area 11)  Port roads in Lot 300 on SP272314, Lot 420 on SP120919 and Lot 192 on SP239714
<b>Land Owner:</b>	Gladstone Ports Corporation Limited
<b>Land Use Plan Precinct:</b>	Strategic Port Land – Port Industry Precinct, Wharves (off-shore) Precinct and East Shores Precinct

## 2. Details Of Proposed Development

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Port Application for engineering, earthworks, landscaping and installation of services and infrastructure.

## 3. Details Of Decision

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This development application was **decided** on **21 March 2022**.

This development application is **approved in full with conditions**. These conditions are set out in Attachment 1 and are clearly identified to indicate whether the assessment manager or a concurrence agency imposed them.

This application **is not** taken to have been approved (a deemed approval) under section 64(5) of the *Planning Act 2016*.

## 4. Details Of Approval

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This development approval is a **Development Permit** given for:

- (a) Port Application for undertaking work in, on, over or under premises that materially affects the premises or their use including excavating or filling (*GPC Land Use Plan 2012v2*).

## 5. Conditions

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This development approval is subject to the conditions in Attachment 1 - Part 1 and Part 2.

## 6. Further Development Permits

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Please be advised that the following development permits are required to be obtained before the development can be carried out:

- (a) Not applicable

## 7. Approved Plans and Specifications

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Copies of the following plans, specifications and/or drawings are approved and enclosed in Attachment 2:

Drawing/report title	Prepared by	Date	Reference no.	Version	Approval subject to the following changes
<b>Aspect of development: Port Application</b>					
Wind Turbine Blade/generator Travel and Offload	-	28 June 2021	GPC210024	-	-

CCWF Urban Works Mark Fenton Drive Roundabout	HIG Harrison Infrastructure Group	19/01/2022	P10382 Dwg 1195-328	C	-
CCWF Urban Works Les Jones Avenue	HIG Harrison Infrastructure Group	23/11/2021	P10382 Dwg 1195-327	B	-
CCWF Urban Works Macfarlan Drive	HIG Harrison Infrastructure Group	23/11/2021	P10382 Dwg 1195-326	B	-
CCWF Urban Works Les Jones Avenue - Platform	HIG Harrison Infrastructure Group	01/12/2021 (plot drawn)	P10382 Dwg 1195-332	A	-
Bridging eBeam – Capacity 12T/ROW Over 4 Axels	Brystock Industries Pty Limited – Engineered Transportation	06/01/2015	Drg No: 619_101	0	-
Figure 1 – Aerial works area – Landscaping	As submitted - AECOM	21/03/2022	Plan 1 – DA2021/31/01 – Landscaping works area	-	-

## 12. Currency Period for the Approval

Pursuant to section 85 of the Planning Act, this development approval will lapse at the end of the periods set out below:

- (a) For Port Application this approval lapses 6 years after this approval decision date.

## 13. Rights of Appeal

No legislated appeal rights are afforded with this decision notice as the application was not made under the provisions of the *Planning Act 2016*.

For further information please contact the undersigned on 07 4976 1287 or via email [planning@gpcl.com.au](mailto:planning@gpcl.com.au).

Yours sincerely,

**Erin Clark**  
Principal Planner

Enc. Attachment 1: Conditions of Approval  
Part 1 – Conditions imposed by the assessment manager  
Attachment 2: Approved plans and specifications

**Gladstone Ports Corporation Limited**

T: +61 7 4976 1333 • Fax: +61 7 4972 3045 • 40 Goondoon St/PO Box 259, Gladstone QLD, 4680, AUSTRALIA • [www.gpcl.com.au](http://www.gpcl.com.au)  
ACN 131 965 896 ABN 96 263 788 242

## Attachment 1 Conditions of Approval

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### **PART 1: ASSESSMENT MANAGER CONDITIONS**

In general the development proposal is in compliance with the requirements of Gladstone Ports Corporation Limited (GPC). This development approval is subject to each the following conditions which are stated by GPC, the Assessment Manager.

#### **Part 1a: Approval sought under Land Use Plan - Port Application**

##### **GENERAL**

1. Development must be carried out generally in accordance with the Approved plans, except where modified by conditions of this permit.
2. Unless otherwise stated, all conditions must be complied with and completed prior to the commencement of the development.
3. Where additional “approval” is required under these conditions by the Assessment Manager (the Assessment Manager) for drawings or documentation the proponent must submit for review, amend to the satisfaction of, and obtain written approval from the Assessment Manager.

Furthermore, the Assessment Manager will require no less than 10 business days, unless otherwise conditioned by the Assessment Manager, to initially assess the drawings or documentation provided prior to the commencement of the works. Should further information be required for assessment, the Assessment Manager will require a further 5 business days to complete the information request assessment and response.

4. The proponent must at its cost and expense, keep and maintain the development footprint, including existing services, in a state that is satisfactory to the Assessment Manager.
5. The street address of the development must be clearly visible and discernible from the primary frontage of each premises (Area 8 and Area 11) by the provision of a street name, number and business name.

##### **Amended Plans**

6. Prior to commencement of works, submit to and have approved by the Assessment Manager amended communication plans and/or documents which incorporates the following:
  - a. Proposed start date of vessel deliveries and load departures, including any trial runs, must be emailed to GPC Port Security approximately two (2) weeks in advance for further distribution.
  - b. During load departures, detailed schedules of movements and routes must be emailed to GPC Port Security approximately one week in advance for further distribution. Sufficient warning must be provided in advance of movements to mitigate potential adverse interactions between the development and port stakeholders.
  - c. Weekly confirmed schedule must indicate the route through Gladstone Port to be used for each component, the time that each component is expected to have cleared port land or duration of movements on port land.
  - d. The proponent will provide opportunities for additional engagement activities with GPC Port Security on an as needs basis.
  - e. Inclusion of community display, electronic message boarding, signage or equivalent at East Shores to advise and update the parkland users.

Once approved, the amended plans will form part of the Approved plans.

7. Prior to commencement of the use, submit to and have approved by the Assessment Manager amended transport plans and/or documents which incorporates the following:
  - a. GPC Auckland Point Security to be contacted in the event of any emergency on port land, including breakdowns or road incidents on port roads.
  - b. GPC Environment Hotline (07 4976 1617) to be contacted in the event of an environmental incident on port roads.

## **ENGINEERING & PLANNING**

8. Upon completion of the works, the proponent must supply the Assessment Manager with RPEQ certified “As Constructed” plans in both hard copy (2 of) and electronic (CAD format) which illustrate all infrastructure and services installed on, under or over Port land associated with the activity.
9. Prior to the use commencing, the proponent must certify that the development is constructed as per design and that the development has been constructed generally in accordance with the Approved plans.

## **Outdoor Lighting**

10. Any site lighting used during construction / development should not negatively impact on the visibility of Navigational Aids utilised for the primary shipping channels nor illuminate a landward glare beyond the site boundary. Lighting must be continually reviewed during construction and use of the development with respect to navigation. Where an issue is identified or a validated complaint received, the proponent must immediately rectify to the satisfaction of the Assessment Manager.
11. Install all external lighting (at all times) in accordance with AS4282 – *Control of the obtrusive effects of outdoor lighting* so as not to cause nuisance to residents, the airport, navigational aids or obstruct or distract pedestrian or vehicular traffic.

## **Waste management**

12. At all times, maintain and operate an adequate waste disposal service, including the maintenance of refuse bins and associated storage areas so as not to cause an environmental nuisance.

## **Landscaping**

13. Trimming of trees in the East Shores Parkland must be undertaken by a suitably qualified arborist, to the satisfaction of, and under the supervision of GPC’s Parks and Recreation Superintendent.

## **Infrastructure**

14. All infrastructure constructed by the proponent must be maintained by the proponent for the duration of the development to the satisfaction of the Assessment Manager.
15. The applicant must notify the Assessment Manager of damage caused to any port or port user infrastructure or services including, but not limited to, security related devices, buildings, fences, lighting etc., roads, stormwater drains, and underground services or infrastructure, as a result of the approved use or during construction. The proponent must undertake necessary repairs at their expense and to the satisfaction of the Assessment Manager.
16. At least three (3) months prior to cessation of activities, a Site Rehabilitation Plan must be submitted to the Assessment Manager for approval, specific to this development that includes, but is not limited to:
  - a. Removal of the temporary bridge at the corner of John Bates Drive and Les Jones Avenue and appropriate disposal off site;
  - b. Retention of gate on the corner of John Bates Drive and Les Jones Avenue if constructed so that the base of the gate is not more than 100mm from the ground (or an alternative

measurement approved by the Assessment Manager) when closed and upon removal of the bridge in order to ensure security of site;

- c. Retention of bollards on John Bates Drive if constructed as per approved plans;
- d. Installation of semi-mountable kerb and channel; or driveway kerb crossing (in accordance with CMDG drawing CMDG-R-042A) in Work Area 3 and the area behind the kerb filled to the top of the kerb;
- e. Reinstatement/ repair of any kerb and channel or crossings that have been damaged during construction;
- f. Reinstatement like for like any port infrastructure or services removed for the duration of the development, unless otherwise approved in writing by the Assessment Manager.

### Construction Management

17. Prior to construction works commencing on site, an Environmental Management Plan (EMP) must be submitted to the Assessment Manager for approval, specific to these works that ensures:
  - a. environmental risks are identified, managed and continually assessed; and
  - b. that staff are trained and aware of their obligations under the EMP, including a copy of the management plan and development approval available on site at all times; and
  - c. that reviews of environmental performance are undertaken at least annually; and
  - d. any amendments to the EMP are to be submitted to the Assessment Manager for review and approval; and
  - e. any rehabilitation and decommissioning works where required.

Once approved by the Assessment Manager, the construction activity must be carried out in accordance with this EMP.

*Note: GPC has a guideline in its Land Use Plan for the development of environmental management plans that may be utilised in meeting the requirements of this condition.*

18. Prior to construction works commencing on site, an Earthworks Management Plan (EWMP) must be submitted to the Assessment Manager for approval, specific to these works that includes procedures for:
  - a. material to be tested for Acid Sulphate Soil (ASS) and Potential (P) ASS and contamination prior to excavation;
  - b. non-ASS/PASS and non-contaminated material to be reused, plans showing temporary stockpiling areas;
  - c. non-ASS/PASS and non-contaminated material to be permanently relocated within Lot 300 on SP272314, plans showing placement areas;
  - d. ASS/PASS material must be treated prior to reuse or relocation within Lot 300 on SP272314 (if required);
  - e. Off-site disposal for ASS/PASS or contaminated material (if required);
  - f. Erosion and Sediment Controls.

Once approved by the Assessment Manager, the construction activity must be carried out in accordance with this EWMP.

*Note: the EWMP may be incorporated into the CEMP.*

19. In the event acid sulphate soils are disturbed/excavated and require treatment on site or any land owned by GPC, a site specific acid sulphate management plan, including treatment locality and volumes and disposal locality, must be submitted to the Assessment Manager for approval prior to such works commencing. Upon approval of the management plan, the works must be carried out in accordance with this plan and the plan will form part of the Approved plans.

20. The proponent is required to apply for and obtain from GPC a Permit to Dig/Excavate prior to commencing works by contacting, GPC's Port Infrastructure Asset Manager.
21. Where works are to be carried out outside the Permit to Occupy/Lease area, the proponent or their contractor must obtain a Consent to Enter from GPC's Property Specialist prior to works commencing.
22. The hours for the construction of the facility (i.e. operation of any machinery and/or other equipment) shall be restricted to between 6.30am and 6:30pm Monday to Friday and 6.30am to 12.30pm Saturday. No works shall be undertaken on Sunday or on public holidays. Any variations to these times will be subject to the written approval of the Assessment Manager.
23. In the event a construction compound is required on port land outside the project Permit to Occupy/Lease area for offices, laydown areas, employee car parking or stockpiling areas etc., the proponent or their contractor must obtain a Consent to Enter from the GPC's Property Specialist prior to works commencing.
24. Construction fill material must be uncontaminated and reused from onsite or sourced from a licensed quarry.
25. No mud, dirt or other debris is to be tracked onto public roads during construction and operation of development.
26. Upon completion of the construction works, the proponent must reinstate the property to the same condition prior to the works being undertaken unless agreed to in writing by the Assessment Manager.

#### **Construction Traffic Management**

27. A Construction Traffic Management Plan (CTMP) must be provided to GPC for approval at least 10 business days prior to the commencement of construction works. All activities associated with construction must be carried out in accordance with the approved CTMP.
28. The CTMP must comply with the Manual of Uniform Transport Control Devices (MUTCD).
29. Compliance with the MUTCD requires a Traffic Management Plan (map) and Traffic Guidance Schedule (written document) (TMP/TGS) that is prepared by an approved Traffic Management Designer in accordance with the MUTCD Part 3.

### **ENVIRONMENT**

#### **Operations Environmental Management Plan**

30. Prior to commencement of the use, an Environmental Management Plan (EMP) must be submitted to the Assessment Manager for approval, specific to this development that ensures:
  - a. environmental risks e.g. waste, chemical storage and vehicle maintenance are identified managed and continually assessed; and
  - b. that staff are trained and aware of their obligations under the EMP, including a copy of the management plan and development approval available on site at all times; and
  - c. that reviews of environmental performance are undertaken at least annually; and
  - d. any amendments to the EMP are to be submitted to the Assessment Manager for review and approval; and
  - e. any rehabilitation and decommissioning works where required.

Once approved by the Assessment Manager, the operations must be carried out in accordance with this EMP.

*Note: GPC has a guideline in its Land Use Plan for the development of environmental management plans that may be utilised in meeting the requirements of this condition.*

### **Incident notification**

31. At all times, Gladstone Ports Corporation Environment Hotline (07) 4976 1617 is to be notified of the occurrence of any:
  - a. release / spill of contaminants (e.g. fuels / chemicals / sewerage) greater than 250L to land;
  - b. release / spill of contaminants (e.g. fuels / chemicals / sewerage) of any amount to water;
  - c. any environmental complaints received by the holder of this approval; and
  - d. non-compliance with environment related conditions of this approval, or any other environmental approval obtained in relation to the approved activity.
32. Environmental incident notification must be included in any Environmental Management Plans and Transport/Traffic Management Plans for the premises/development.



## Part 1b: Assessment Manager Advice Notes

1. All other relevant approvals must be obtained before commencement of the development or operation of the development, including any Building works or Plumbing and drainage works.
2. This decision notice does not represent an approval to commence Building work.
3. Where communication with GPC Port Security is required e.g. for schedules or service requests, direct communication to the following: [pfso@gpcl.com.au](mailto:pfso@gpcl.com.au), [contracted\\_security@gpcl.com.au](mailto:contracted_security@gpcl.com.au) and [gpcsupervisor@diamondprotection.com](mailto:gpcsupervisor@diamondprotection.com).
4. Where a Permit to Dig/Excavate prior to commencing excavation or digging for the development, the proponent or their contractor is required to apply for and obtain the permit by contacting the Port Infrastructure Asset Manager on 4976 1332 or [bartono@gpcl.com.au](mailto:bartono@gpcl.com.au).
5. Where a construction compound or laydown area is required or works are to be undertaken outside tenured areas, including for acid sulphate soil treatment, the proponent or their contractor is required to apply for and obtain a Consent to Enter from GPC's Property Specialist via 07 4976 1334 or [property@gpcl.com.au](mailto:property@gpcl.com.au) prior to works commencing.
6. To arrange coordination and supervision of tree trimming in East Shores Parkland, contact details for GPC's Parks and Recreation Superintendent are as follows:

Graham Gambie  
Phone: 4976 1402  
Mobile: 0419 736 116  
Email: [GambieG@gpcl.com.au](mailto:GambieG@gpcl.com.au)

7. The *Environmental Protection Act 1994* states that a person must not carry out any activity that causes, or is likely to cause, environmental harm unless the person takes all reasonable and practicable measures to prevent or minimise the harm. Environmental harm includes environmental nuisance. In this regard persons and entities, involved in the civil, earthworks, construction, and operational phases of this development, are to adhere to their 'general environmental duty' to minimise the risk of causing environmental harm.
8. Connections to water and sewerage infrastructure will require Plumbing and Drainage works approvals from a suitably qualified person.
9. Where the Applicant is required to submit further documentation to the Assessment Manager, this is to be directed to the Planning section at [planning@gpcl.com.au](mailto:planning@gpcl.com.au), including reference to the allocated development application number.
10. For the purpose of providing street addresses for deliveries and emergency vehicles, the street addresses for the premises are:
  - a) Area 8 : 15 John Bates Drive
  - b) Area 11: 14 John Bates Drive
11. All management plans submitted by the Applicant are required to refer to up to date State and commonwealth legislation.

## Attachment 2 Approved Plans and Specifications

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# WIND TURBINE BLADE/GENERATOR TRAVEL AND OFFLOAD

PORT OF GLADSTONE

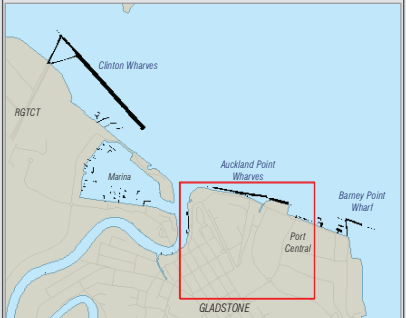
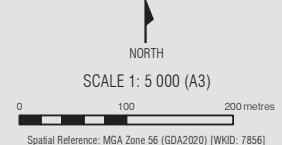
## LEGEND

- Vacant Land/ Laydown Areas
- Port Land Tenants
- Commercial Premises
- CCE Works areas - Refer to drawings for further detail



APPROVED

Name: Erin Clark  
Date: 4:57pm 21/03/2022

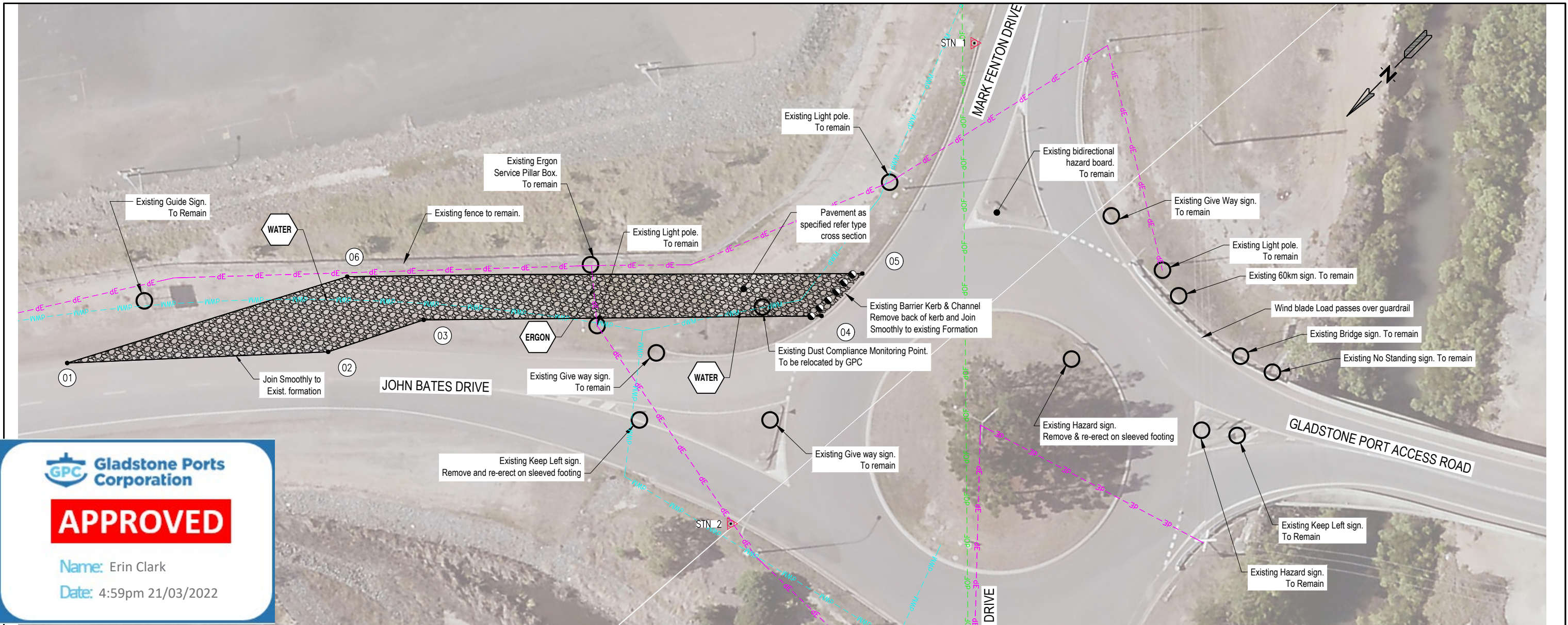


**GPC210024**  
**28 Jun 2021**

 **Gladstone Ports Corporation**  
Growth, prosperity, community.

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**GPC Gladstone Ports Corporation**

**APPROVED**

Name: Erin Clark  
Date: 4:59pm 21/03/2022

**PAVEMENT DESIGN**

LAYER	MATERIAL	DEPTH (mm)
Seal	14/10mm C170 double/double (first coat - est spray rate 1.5L/m <sup>2</sup> , est spread rate 120m <sup>2</sup> /m <sup>3</sup> , second coat - est spray rate 1.2L/m <sup>2</sup> , est spread rate 175m <sup>2</sup> /m <sup>3</sup> )	10
Base	Type 2.1	150
Upper Subbase	Type 2.3	130 (Subgrade CBR 3) 170 (Subgrade CBR 5) 120 (Subgrade CBR 7)
Lower Subbase	Type 2.5	130 (SUBGRADE CBR 3)

**LEGEND**

Pavement Area: 540m<sup>2</sup>

Removable Bollards @ 1.5m spacings to be placed at 1.0m minimum offset from edge of road/kerb.

**EXISTING PUBLIC UTILITIES PLANT LEGEND**

DBYD Electricity Service Note: Possible service authority conflict

DBYD Optical Fibre

DBYD Water

**ERGON** Service Note: Possible service authority conflict

**THIS IS A COMPILED PLAN**  
This layout has been produced using available aerial photography. The design is based on approximate dimension only and should be verified on site prior to commencement of work.

- NOTES:**
- All line marking, RRP's and signage shall be installed in accordance with the Manual of Uniform Traffic Control Devices
  - Road edge guide post delimiters to be installed in accordance with clause 4.2.4 and 4.2.5 MUTCD Part 2 Traffic control devices for general use



**PUBLIC UTILITY PLANT**  
There is no guarantee all services located in this area have been indicated on these plans.  
The contractor shall locate all existing services prior to constructing.  
Dial Before You Dig (DBYD) Phone: 1100

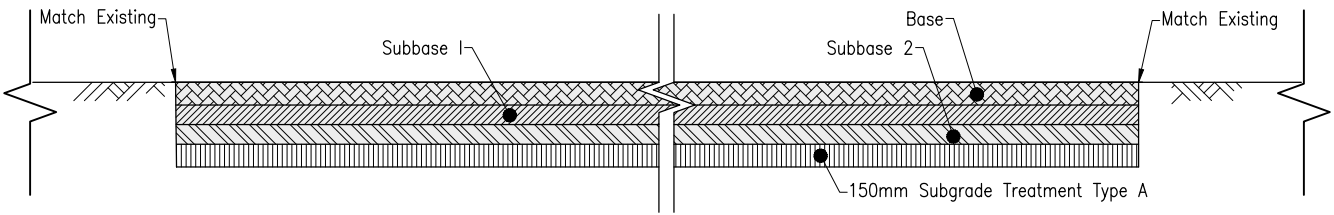
**PLAN**  
SCALE 1:250 (A1)

**SETOUT DETAIL**

POINT NO	Position X	Position Y
01	1578.202	5555.866
02	1549.611	5538.406
03	1540.870	5528.891
04	1496.474	5503.764
05	1494.521	5496.475
06	1552.136	5528.799

**SURVEY STATIONS**

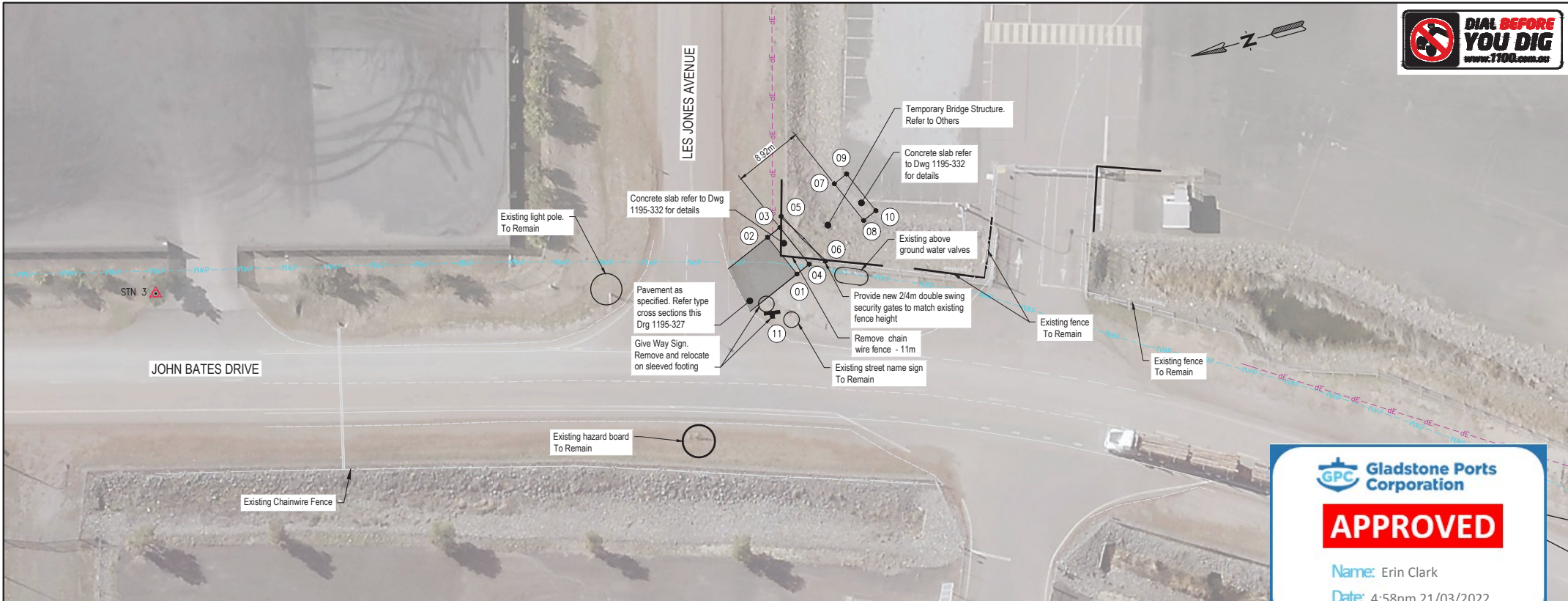
STATION NO.	EASTING	NORTHING	STATION TYPE
STN 1	1496.237	5463.694	NAIL
STN 2	1493.770	5532.681	BOLT
STN 3	1686.172	5685.554	NAIL
STN 4	1900.193	5970.166	NAIL
STN 5	1999.924	6049.897	NAIL



**TYPE CROSS SECTION**

<p>NOTE: FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALED MEASUREMENTS. VERIFY ALL ON SITE DIMENSIONS &amp; LEVELS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. COPYRIGHT OF THIS DRAWING IS VESTED WITH HARRISON INFRASTRUCTURE GROUP.</p>			<p>CLIENT: <b>GOLDWIND AUSTRALIA</b></p>	<p>SCALES: SCALE A:  Section - Scale 1:250 (A1)</p> <p>Dimensions in metres except where shown otherwise.</p>	<p><b>HIG HARRISON INFRASTRUCTURE GROUP CONSULTING ENGINEERS</b></p> <p>Rockhampton Office 159 Denison St ROCKHAMPTON QLD P: (07) 4921 0606</p>	<p>PROJECT: CLARKE CREEK WIND FARM</p> <p>TITLE: CCWF URBAN WORKS MARK FENTON DRIVE ROUNDABOUT</p>	<table border="1"> <tr> <td>Drawn</td><td>Check</td><td>Design</td><td>Veri.</td><td>Project No.</td> </tr> <tr> <td>DAH</td><td>CDP</td><td>DAH</td><td>GDP</td><td>P10382</td> </tr> <tr> <td colspan="4">Engineering Cert.</td><td>Dwg. No.</td> </tr> <tr> <td colspan="4"></td><td>1195-328</td> </tr> <tr> <td colspan="4">RPEQ: T. GALLAGHER RPEQ No: 13396</td><td>Sheet</td> </tr> <tr> <td colspan="4"></td><td>14 of 15</td> </tr> <tr> <td colspan="4"></td><td>Revision</td> </tr> <tr> <td colspan="4"></td><td>C</td> </tr> </table>	Drawn	Check	Design	Veri.	Project No.	DAH	CDP	DAH	GDP	P10382	Engineering Cert.				Dwg. No.					1195-328	RPEQ: T. GALLAGHER RPEQ No: 13396				Sheet					14 of 15					Revision					C
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<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>APPD</th> <th>DATE</th> <th>Original Size - A1</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>GPA AMENDMENTS</td> <td>CDP 19/01/22</td> </tr> <tr> <td>B</td> <td>IFC AMENDMENTS</td> <td>CPD 23/11/21</td> </tr> <tr> <td>A</td> <td>ISSUE FOR CONSTRUCTIONS</td> <td></td> </tr> </tbody> </table>			APPD	DATE	Original Size - A1	C	GPA AMENDMENTS	CDP 19/01/22	B	IFC AMENDMENTS	CPD 23/11/21	A	ISSUE FOR CONSTRUCTIONS																																		
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Dwg Ref: C:\245\data\TWB-DM01\VP10382 - FKG - Clarke Creek Wind Farm\_828\4.0 Drawings\A1\_Dwg\1195-328 MARK FENTON DRIVE ROUNDABOUT.dwg Plot Date: 21/03/2022



**GPC Gladstone Ports Corporation**

**APPROVED**

Name: Erin Clark  
Date: 4:58pm 21/03/2022

**PAVEMENT DESIGN**

LAYER	MATERIAL	DEPTH (mm)
Seal	14/10mm C170 double/double (first coat - est spray rate 1.5L/m <sup>2</sup> , est spread rate 120m <sup>2</sup> /m <sup>3</sup> , second coat - est spray rate 1.2L/m <sup>2</sup> , est spread rate 175m <sup>2</sup> /m <sup>3</sup> )	10
Base	Type 2.1	150
Upper Subbase	Type 2.3	130 (Subgrade CBR 3) 170 (Subgrade CBR 5) 120 (Subgrade CBR 7)
Lower Subbase	Type 2.5	130 (SUBGRADE CBR 3)

**PLAN**

SCALE 1:250 (A1)

**INFRASTRUCTURE SET OUT POINT**

PT	EASTING	NORTHING
01	1646.121	5614.044
02	1652.068	5614.840
03	1652.333	5612.857
04	1646.386	5612.062
05	1653.460	5611.979
06	1645.641	5610.092
07	1653.530	5604.018
08	1647.583	5603.222
09	1653.795	5602.036
10	1647.848	5601.240
11	1643.263	5619.444

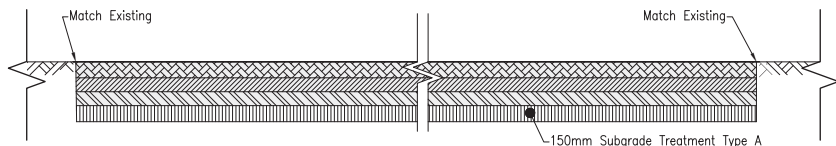
**EXISTING PUBLIC UTILITIES PLANT LEGEND**

- DBYD Water --- dW --- dW --- dW
- DBYD Electricity --- dE --- dE --- dE

**SURVEY STATIONS**

STATION NO.	EASTING	NORTHING	STATION TYPE
STN 1	1496.237	5463.694	NAIL
STN 2	1493.770	5532.681	BOLT
STN 3	1686.172	5685.554	NAIL
STN 4	1900.193	5970.166	NAIL
STN 5	1999.924	6049.897	NAIL

**CONFLICT WITH SERVICES**  
Contractor to confirm service locations on site with relevant Authorities prior to construction work commencing. During construction, no work shall be carried out within 3.0m of any service without first contacting the relevant Authority.



**TYPE CROSS SECTION**

Dwg Ref: c:\2020\Jara\TME-DPM\VP10382 - FIG - Clarke Creek Wind Farm - 828\A-D Drawings\A1\_Dwg\198-324 LES JONES AVENUE.dwg Plot Date: 01/12/2021

REVISIONS	APPD	DATE
B IFC AMENDMENTS	CPD	23/11/21
A ISSUE FOR CONSTRUCTION		

NOTE: FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALED MEASUREMENTS. VERIFY ALL ON SITE DIMENSIONS & LEVELS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. COPYRIGHT OF THIS DRAWING IS VESTED WITH HARRISON INFRASTRUCTURE GROUP.

Original Size - A1

CLIENT: **GOLDWIND AUSTRALIA**

SCALES:  
SCALE A: Plan - Scale 1:250 (A1)  
Dimensions in metres except where shown otherwise.

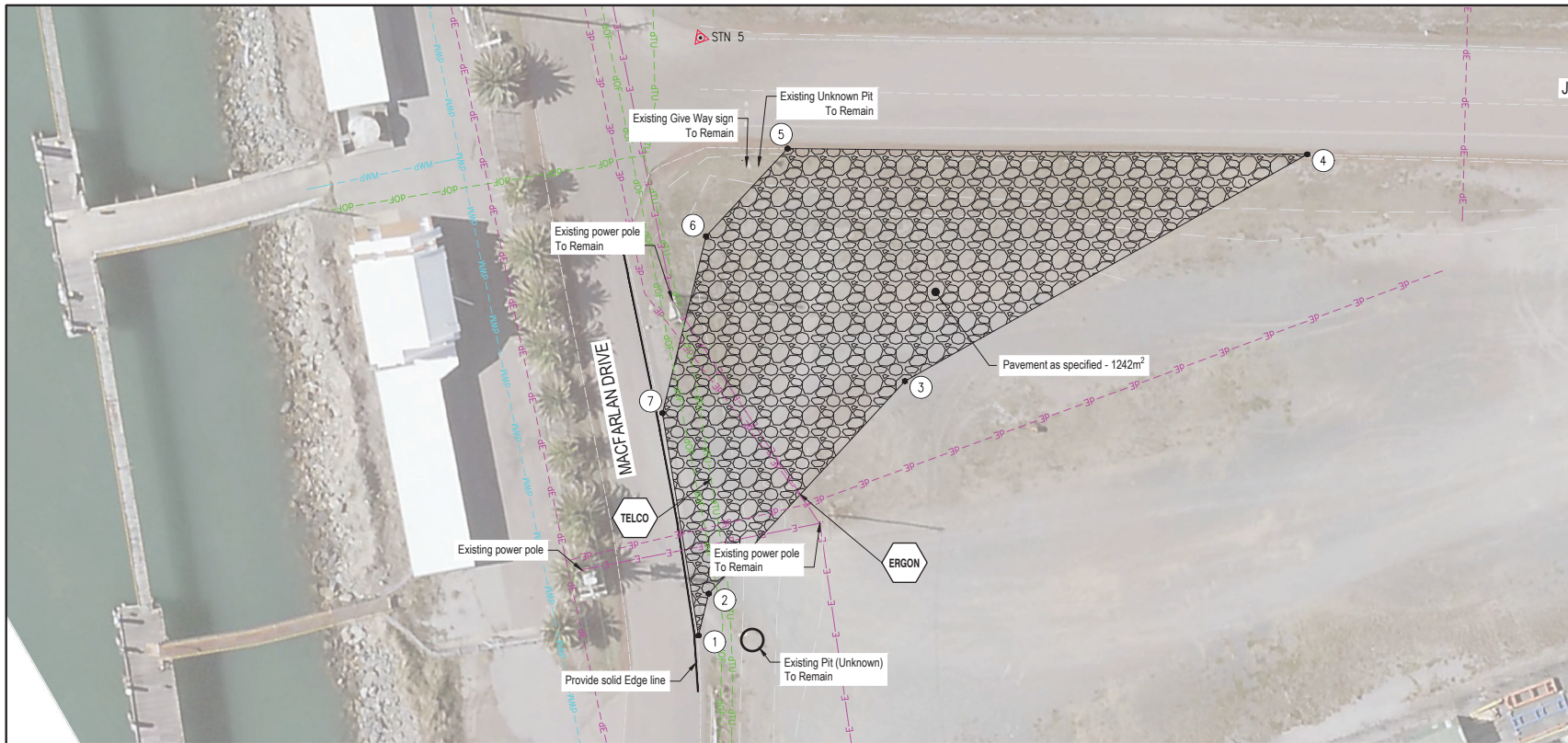
**HIG HARRISON INFRASTRUCTURE GROUP CONSULTING ENGINEERS**

Rockhampton Office  
159 Denison St  
ROCKHAMPTON QLD  
P: (07) 4921 0606

PROJECT: CLARKE CREEK WIND FARM

TITLE: CCWF URBAN WORKS  
LES JONES AVENUE

Drawn DAH	Check CDP	Design DAH	Veri. GDP	Project No. P10382
Engineering Cart.				Dwg. No. 1195-327
RPEQ: T. GALLAGHER RPEQ No: 13396				Sheet 13 of 15 Revision B



JOHN BATES DRIVE

MACFARLAN DRIVE

**PLAN**  
SCALE 1:250 (A1)

**GPC Gladstone Ports Corporation**

**APPROVED**

Name: Erin Clark  
Date: 4:59pm 21/03/2022

**PAVEMENT DESIGN**

LAYER	MATERIAL	DEPTH (mm)
Seal	14/10mm C170 double/double (first coat – est spray rate 1.5L/m <sup>2</sup> , est spread rate 120m <sup>2</sup> /m <sup>3</sup> , second coat – est spray rate 1.2L/m <sup>2</sup> , est spread rate 175m <sup>2</sup> /m <sup>3</sup> )	10
Base	Type 2.1	150
Upper Subbase	Type 2.3	130 (Subgrade CBR 3) 170 (Subgrade CBR 5) 120 (Subgrade CBR 7)
Lower Subbase	Type 2.5	130 (SUBGRADE CBR 3)

**EXISTING PUBLIC UTILITIES PLANT LEGEND**

Electricity (Overhead)	—E—E—E—E—
DBYD Electricity	- - -dE--dE--dE--
DBYD Telstra	—dTU--dTU--dTU--
DBYD Water	—dWM--dWM--dWM--

**SURVEY STATIONS**

STATION NO.	EASTING	NORTHING	STATION TYPE
STN 1	1496.237	5463.694	NAIL
STN 2	1493.770	5532.681	BOLT
STN 3	1686.172	5685.554	NAIL
STN 4	1900.193	5970.166	NAIL
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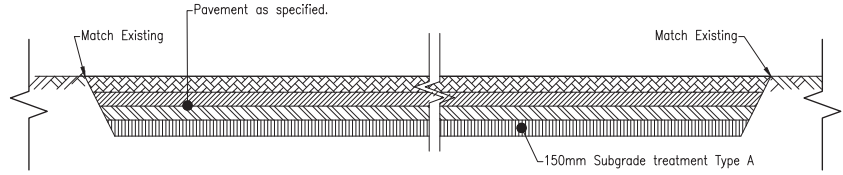
**SETOUT POINT**

PT	EASTING	NORTHING
1	1961.058	6096.658
2	1962.994	6092.727
3	1961.557	6063.331
4	1944.970	6019.365
5	1985.899	6052.850
6	1986.542	6065.006
7	1978.390	6081.658

**CONFLICT WITH SERVICES**  
Contractor to confirm service locations on site with relevant Authorities prior to construction work commencing. During construction, no work shall be carried out within 3.0m of any service without first contacting the relevant Authority.

- NOTES:**
- All line marking, RRPm's and signage shall be installed in accordance with the Manual of Uniform Traffic Control Devices
  - Road edge guide post delineators to be installed in accordance with clause 4.2.4 and 4.2.5 MUTCD Part 2 Traffic control devices for general use

**ERGON** Service Note: Possible service authority conflict

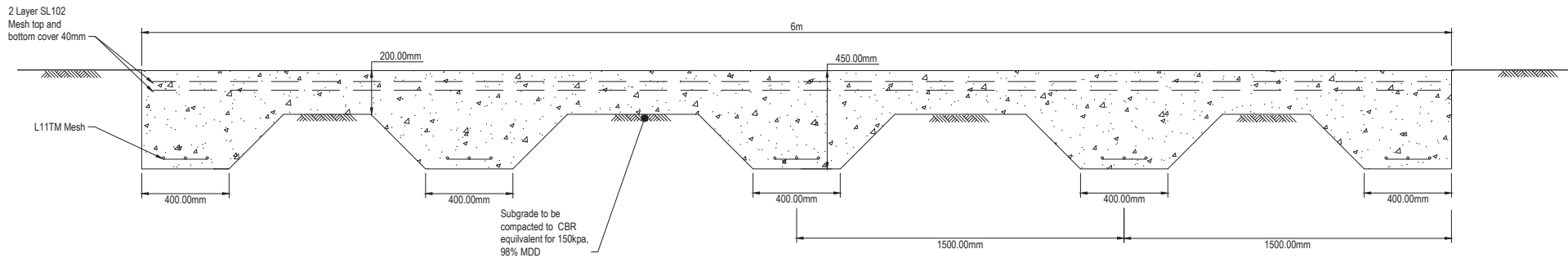


**TYPE CROSS SECTION**

Dwg Ref: c:\2020\Jara\TME-DPM\VP10382 - PKG - Clarke Creek Wind Farm - 828\A1\Drawings\A1\_Dwg\196-326 MACFARLAN DRIVE.dwg Plot Date: 01/12/2021

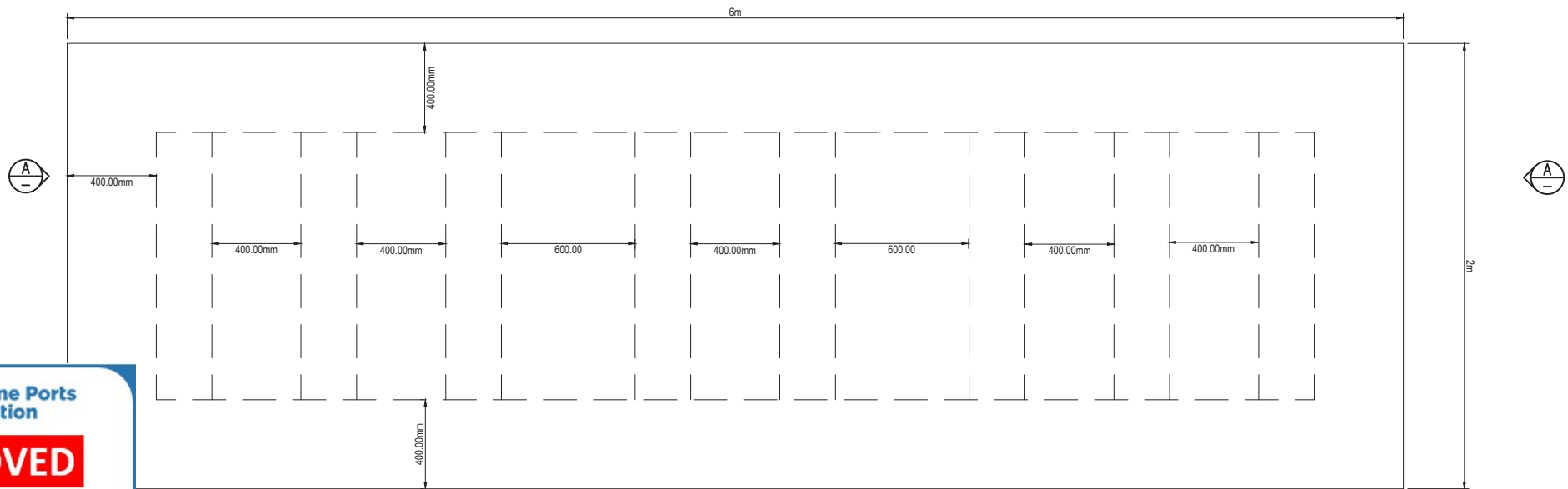
NOTE: FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALED MEASUREMENTS. VERIFY ALL ON SITE DIMENSIONS & LEVELS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. COPYRIGHT OF THIS DRAWING IS VESTED WITH HARRISON INFRASTRUCTURE GROUP.			CLIENT: <b>GOLDWIND AUSTRALIA</b>	SCALES: SCALE A: 0 2.5 5 7.5 10 12.5m Plan - Scale 1:250 (A1)		PROJECT: CLARKE CREEK WIND FARM Rockhampton Office 159 Denison St ROCKHAMPTON QLD P: (07) 4921 0606	Drawn: DAH Check: CDP Design: DAH Veri: GDP Project No.: P10382	Engineering Cert. RPEQ: T. GALLAGHER RPEQ No: 13396	Dwg. No.: 1195-326 Sheet: 12 of 15 Revision: B	
REVISIONS A ISSUE FOR CONSTRUCTION B IFC AMENDMENTS		CDP 23/11/21	APPD DATE Original Size - A1							

Doc Ref: c:\026\urban\1195\1195-332-LES JONES AVENUE - PLAT FORK&ag - 828\A\0 Drawings\11\_Dwg\1195-332 LES JONES AVENUE - PLAT FORK&ag - Plot Date: 01/12/2021



TYPICAL CROSS SECTION A

NOTES  
Concrete  $f_t = 40$  mpa cover 40mm



SLAB DESIGN



APPROVED

Name: Erin Clark  
Date: 5:00pm 21/03/2022

REVISIONS	APPD	DATE	Original Size - A1
A			ISSUE FOR CONSTRUCTION

NOTE: FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALED MEASUREMENTS. VERIFY ALL ON SITE DIMENSIONS & LEVELS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. COPYRIGHT OF THIS DRAWING IS VESTED WITH HARRISON INFRASTRUCTURE GROUP.

CLIENT:  
**GOLDWIND AUSTRALIA**

SCALES:  
0 0.1 0.2 0.3 0.4 0.5m  
Plan - Scale 1:10 (A1)  
Dimensions in metres except where shown otherwise.

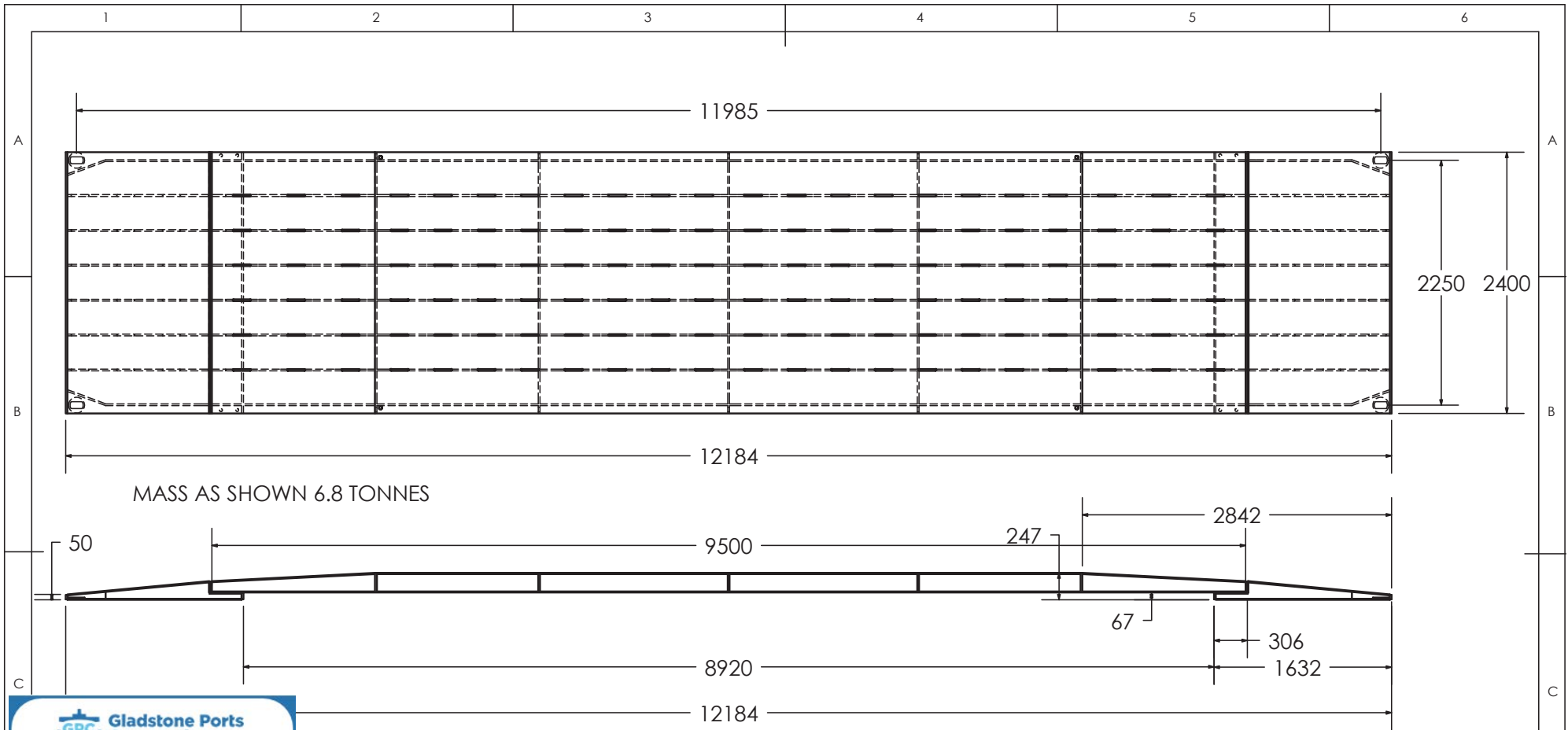


Rockhampton Office  
159 Denison St  
ROCKHAMPTON QLD  
P: (07) 4921 0606

PROJECT:  
CLARKE CREEK WIND FARM

TITLE:  
CCWF URBAN WORKS  
LES JONES AVENUE - PLATFORM

Drawn DAH	Check CDP	Design DAH	Veri. GDP	Project No. P10382
Engineering Cert.				Dwg. No. 1195-332
RPEQ: RPEQ No:			Sheet 13 of 15	Revision A



MASS AS SHOWN 6.8 TONNES

**GPC Gladstone Ports Corporation**

**APPROVED**

Name: Erin Clark  
Date: 5:11pm 21/03/2022

MATERIAL TO COMPLY WITH  
AS 1163 C350 HOLLOW SECTIONS  
AS 3678 350 PLATE  
AS 3679.1 300 FLATS AND SECTIONS  
ALL WELDS AS 1554.1 (USING WP01-08)

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PERMISSION FROM  
BRYSTOCK IND P/L

THIRD ANGLE PROJECTION  
DIMENSIONS IN MILLIMETRES  
TOLERANCES  
- LINEAR ± 2.0

REV	DESCRIPTION	DATE	DRN	CKD	APP
0	ISSUED FOR APPROVAL	6/1/2015	H.A	H.A	W.A
R	ISSUED FOR REVIEW	6/1/2015	H.A	H.A	

**BRYSTOCK INDUSTRIES PTY LIMITED**  
**ENGINEERED TRANSPORTATION**

PO BOX 271 PENRITH NSW 2751  
PH 02 4721 7633  
FAX 02 4721 7644  
WWW.RJA.COM.AU

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**BRIDGING BEAM**

**CAPACITY 12T/ROW  
OVER 4 AXLES**

DO NOT SCALE

DRG NO: 619\_101

**A4**





Figure 1 Aerial of Works area 4 and locations of Photos shown in Table 1. Yellow highlight delineates where trimming is required (Nearmap, 2021)

Plan 1 - DA2021/31/01 - Landscaping works area.  
As amended 21/03/2022