Genex
Renewable Energy, On Tap

Kidston Hybrid Roadshow 2025

Your Region, Your Energy: Introducing the Kidston Hybrid Project

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May 2025

Agenda

01 / Who is Genex

02 / Kidston Clean Energy Hub

03 / Kidston Hybrid Project

04 / How we stay in touch

05 / Q&A

Genex

1. Genex

Genex at a glance

- Diverse portfolio of renewable energy and storage projects across QLD and NSW
- Founded in 2014 as an ASX-listed company and transitioned to a wholly owned subsidiary of J-POWER in 2024

Solar

Pumped Hydro

Wind

Battery

THE >$1.2BN PORTFOLIO OFFERS:	
150 MW	In Operation
250 MW	Under construction
2.3 GW	In Pipeline Assets
985 GWh	Generated
815,566	Tonnes CO_2 saved

The first pumped storage hydro project in Australia in >40 years

Our purpose is to play a leading role in Australia's transition to a clean energy future through innovative renewable energy generation and storage projects

Diverse renewable energy portfolio

KIDSTON CLEAN ENERGY HUB

Kidston Pumped Storage Hydro (K2H)

Ownership:	100%
Capacity:	250MW/2,000MWh
Status:	Under construction, commissioning 2H 2025

Kidston Stage 1 Solar (KS1)

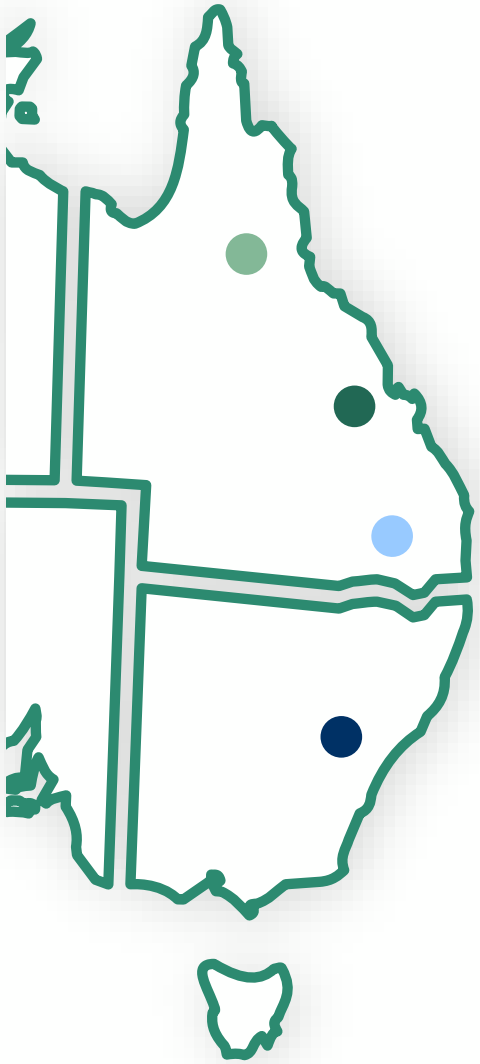
Ownership:	100%
Capacity:	50MW
Status:	In operation since Dec-17

Kidston Wind & BESS Project (K3-Hybrid)

Ownership:	100%
Capacity:	Up to approx. 270MW/600MWh
Status:	In development, targeting FID in early 2026

Jemalong Solar Project (JSP)

Ownership:	100%
Capacity:	50MW
Status:	In operation since Jul-21



Bouldercombe Battery Project (BBP)

Ownership:	100%
Capacity:	50MW/100MWh
Status:	In operation since Dec 2023

Bulli Creek Stage 1 Solar (BCS)

Ownership:	100%
Capacity:	775MW
Status:	In development, targeting FID by mid-2025

Bulli Creek Stage 1 BESS (BCB)

Ownership:	100%
Capacity:	600MW/2,400MWh
Status:	In development, targeting FID by mid-2026

Other Pipeline Projects

Bulli Creek Solar (100%)	Capacity for subsequent stages of up to 825MW
Bulli Creek BESS (100%)	Capacity for subsequent stages of up to 825MW
BBP 2 (100%)	Expansion opportunity for further 50MW/100MWh

2. Kidston Clean Energy Hub


Integrating **Wind, Solar, Hydro**, and
BESS for a **Sustainable Future**.
Delivering **clean energy** and
enhancing the **stability** and
reliability of the **Queensland grid.**
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Australia's first co-located clean energy precinct

Solar

- 50MW
- Contributes ~145,000 MWh/year powering equivalent of ~26,500 homes annually
- 170 jobs were created with 35% positions filled by women and 15% by Indigenous individuals; a vast number from the local region
- Consistently high performing utility scale solar farm

Pumped Hydro

- 250MW / 2,000MWh
- First PSH in Australia for over 40 years
- First in the world to convert a disused gold mine into large scale PSH
- 900 direct jobs created
- Will power approx. 143,000 homes for 6 hours + during peak demand periods
- In partnership with MDJH JV, developed an Indigenous Engagement Strategy serving as a leading case study for Indigenous employment and procurement

Wind

- 120MW of wind energy
- Together with the BESS, this is the final stage of the Hub and will strategically utilise remaining capacity of the 275Kv transmission line
- Will create up to 180 construction and 10 operational jobs
- Will prioritise procurement via local businesses and support internships and scholarships
- Will utilise existing infrastructure including roads, accommodation camp, and transmission line

BESS

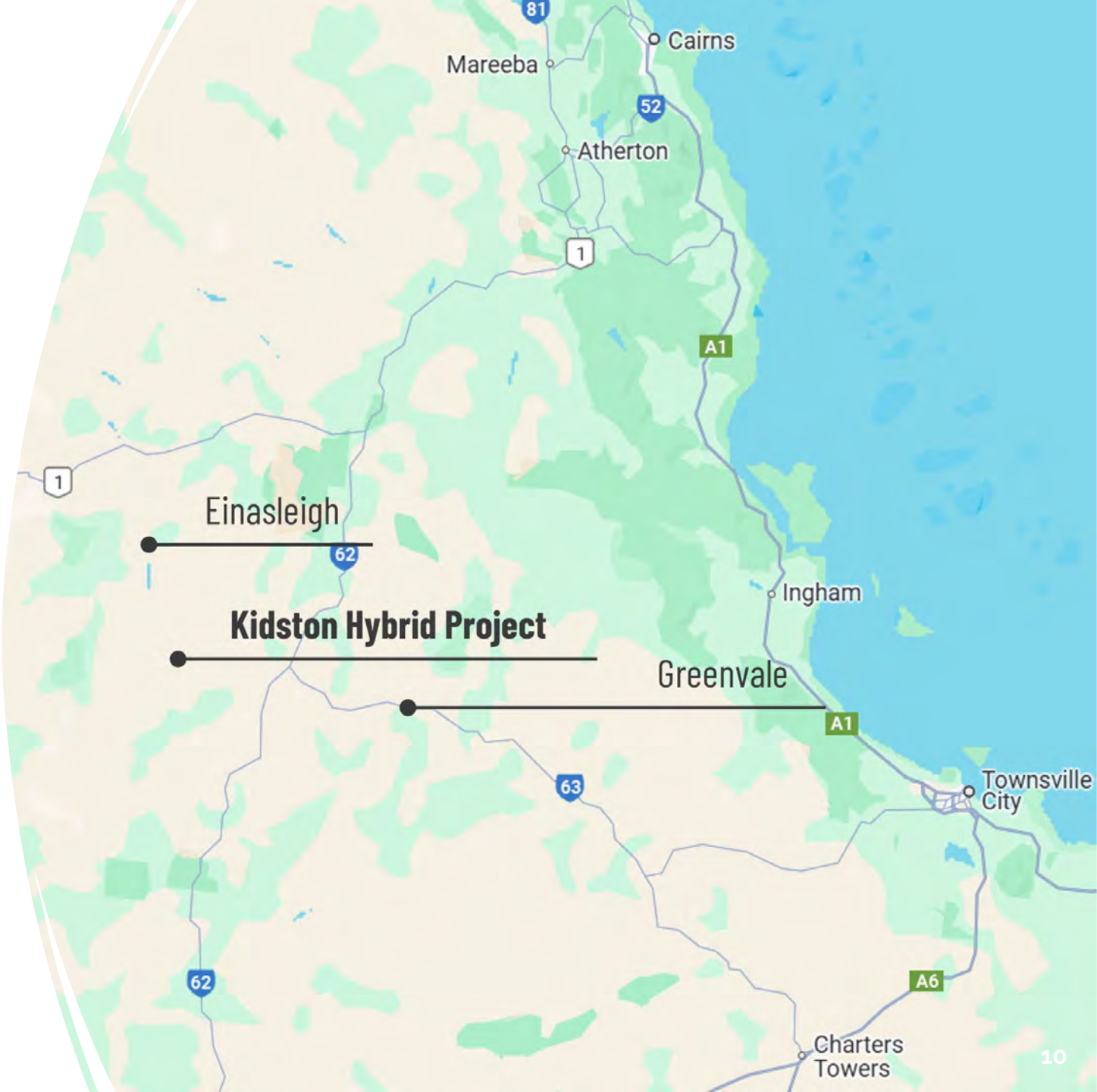
- 150MW / 600MWh of battery energy storage system
- Will complement its co-located renewable energy counterparts by quicky injecting or absorbing energy – stabilising the NQ grid
- Enables better utilisation of the 275kV transmission line by smoothing intermittent generation
- New pivoted model of wind + BESS, reduces environmental and social impacts, including fewer wind turbines, reduced land clearing, and total land required

3. K3-Hybrid

K3-Hybrid at a glance

Images for illustration purposes only

- Located in Kidston, North Queensland
- Formerly the 258MW Kidston Wind Project, pivoted to a 120MW wind farm plus 150MW/600MWh BESS, boosting performance and reducing environmental impact
- Final phase of the Kidston Clean Energy Hub
- Financial close, supply chain/workforce engagement, and commencing construction targeted for 2026



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K3-Hybrid technical details

Image courtesy of Goldwind

Image courtesy of Fluence

- 20 Goldwind 6.0MW wind turbines
- Turbine hub height of 130m and blade tip height of 215m
- 275kV overhead transmission line between a new wind farm substation and the existing Aurumfield substation at Kidston Hydro
- 120 Fluence Gridstack Pro 4-hour storage BESS units, coupled to 48 SMA inverter units located between the existing Kidston Solar and Kidston Hydro
- Supporting infrastructure such as communications towers, operations buildings, fences and roads

Partnerships

Significantly reduced execution risk via carefully structured contracts and selected counterparties

J-POWER	Investment partners
Powerlink Queensland	Grid connection partners
Goldwind	Turbine supply partners
FLUENCE A Siemens and AES Company	BESS supply partners
nacap A Quanta Services Company / Consolidated Power Projects	Civil and electrical construction partners

Upcoming activities

- Finalising agreements with key stakeholders, including communities and Councils.
- Finalising contractual agreements with suppliers and principal contractor.
- Progressing all necessary planning and environmental approvals through local, State and Federal pathways.
- Progressing revised grid connection arrangements with Powerlink with the enhanced support of the BESS.
- Preparing for construction, which will create local jobs and economic opportunities.

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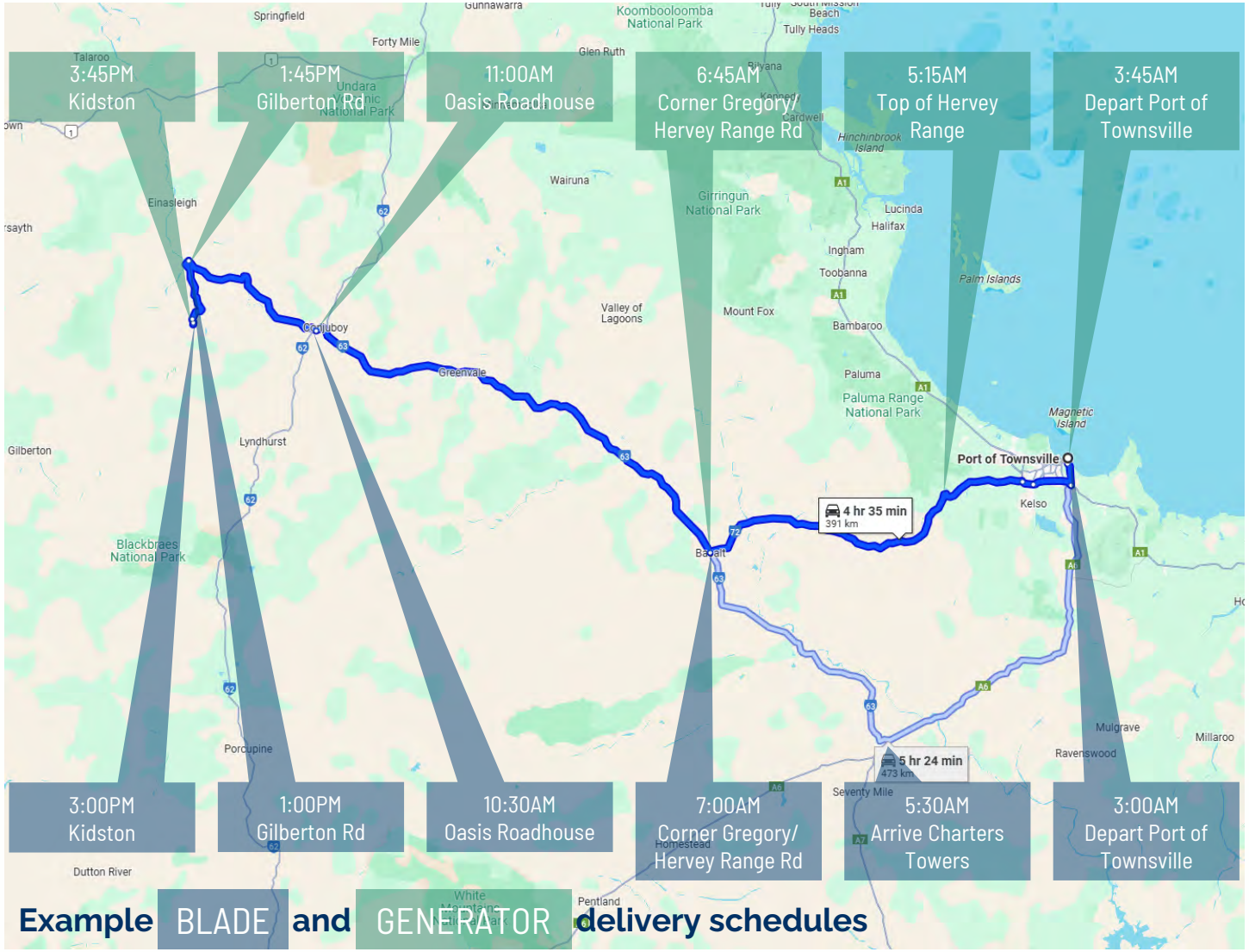
Implications for communities

Although the project will cause some disruption, primarily due to road use for component deliveries during construction, local communities can expect a series of benefits:

- Creation of approximately 180 construction jobs and 10 ongoing operational roles for skilled personnel
- Local opportunities for procurement and supply chain involvement during construction
- Support for internships, apprenticeships and scholarships
- Community Benefit Scheme that will provide funding for local projects and priorities to be prepared in consultation with Councils and community groups in 2025
- Maintenance of and improvements to roads used by the project

Transportation of turbine components



- A total of 260 oversized loads will be required for the wind farm components.
- Genex will aim for all deliveries of heavy loads to be completed in the dry season of 2027.
- Deliveries will follow two routes, depending on the size of the load and concurrent deliveries taking place.
- The largest loads, for example turbine blades, will be delivered via Charters Towers.
- Hervey Range Road will be utilised for other loads to best manage road disruption.

4. How we stay in touch

Getting involved and staying in touch

Procurement and supply chain opportunities

The Kidston Hybrid Project will provide opportunities for local engagement in procurement and supply chain. Once the project's detailed design is finalised and all regulatory approvals granted by the Federal and State governments, Genex and our Principal Contractor (CPP and Nacap, or the CNJV) will be reaching out to the community and interested parties to confirm how to express interest and engage.

How to stay informed

As we get closer to finalising key agreements and receiving regulatory approvals, Genex will organise more frequent community information sessions and publish regular project updates via a new project website, our usual social media channels and a project newsletter.

If you have any questions or feedback, or would like to register your interest to be kept informed, please get in touch via the Contact Us page on our website, which you can access by scanning this QR code.

Questions & Answers

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NOT FOR CONSTRUCTION

629 SP149333 | 630 SP149333 | 631 SP149333 | 516 SP126573 | 515 SP126573 | 514 SP126573 | 513 SP126573 | 512 SP126573 | 511 SP126573 | 510 SP126573 | 509 SP126573 | 508 SP126573 | 507 SP126573

BRUCE HIGHWAY (10M)

THE RING ROAD

ANGUS SMITH DRIVE

R2-6L

R5-35R

AUTHORISED VEHICLES EXCEPTED
R9-4

R5-35L

AUTHORISED VEHICLES EXCEPTED
R9-4

Gate to be confirmed at detailed design

Culvert 01A
450x450 RCBC (38.00m)

A
00002

52.358

Join neatly to back of existing kerb

Existing light pole to remain
DO NOT DISTURB

CONTROL LINE MCA10

0.000

Yellow No Stopping line

7.00

Concrete protection slab

Existing Stormwater Inlet to remain
DO NOT DISTURB

Existing gate to remain

Concrete protection slab

Concrete protection slab

Concrete protection slab

Yellow No Stopping line

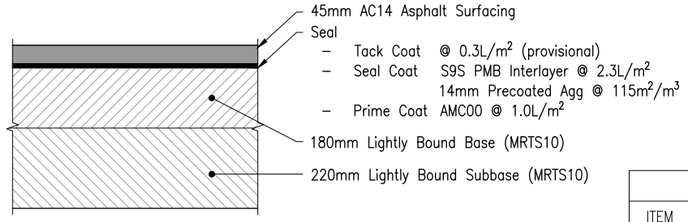
Join neatly to existing pavement

CAUTION:
Existing overhead electrical exists in this area. Approx. 8.7m min. clearance.

LAYOUT PLAN
1:250

LEGEND

- Sign Post
- Pavement Extents
- Existing Light Pole
- Existing Electrical Overhead
- Existing Electrical Underground
- Existing Comms Underground
- Existing Water Main



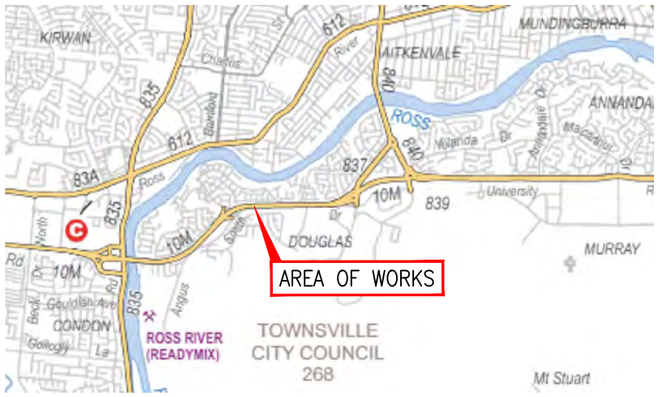
PAVEMENT DETAILS
N.T.S

NOTES

1. Design vehicle swept path movement supplied by RJA Transport.
2. Number of trees to be removed to be confirmed on site.
3. Pavement to match existing Bruce Highway (The Ring Road) pavement layers and thickness. Pavement design has been provided based on historical as constructed data. Pavement design to be revised in detailed design based on current practice and products.

SCHEDULE OF QUANTITIES

ITEM	DESCRIPTION	QUANTITY	UNIT
a	Traffic Management	1	lumpsum
b	Clearing of vegetation	650	m^2
c	Installation of traffic sign including signpost and sleeve	4	No
d	Pavement	367	m^2
e	450x450 RCBC inclusive base slab and end structures	38	m
f	1800mm high chainwire fence	23	m
g	Double swing gate	1	Item
h	Remove and reconfigure irrigation network (by others)	1	lumpsum



LOCALITY PLAN
N.T.S

REVISIONS

No.	BY	DATE	DESCRIPTION	APPD
P2	MM	13.09.24	Issued For Client Review	
P1	TM	08.07.24	Issued For Client Review	

DRAWING SCALES (A1)

1 : 250 (0, 5, 10, 12.5m)

SURVEY DATA
HORIZ. DATUM A.H.D.
HORIZ. GRID
HEIGHT DATUM
SURVEY REF:

THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM QUALITY ASSURANCE SYSTEM TO ISO 9001-2000

DESIGNED	M. MINISINI	CHECKED	M. BARBAGALLO
DRAWN	M. MINISINI	CHECKED	T. MADSEN
APPROVED		DATE	

AECOM

RPEQ No.
AECOM Australia Pty Ltd A.B.N. 20 093 846 925

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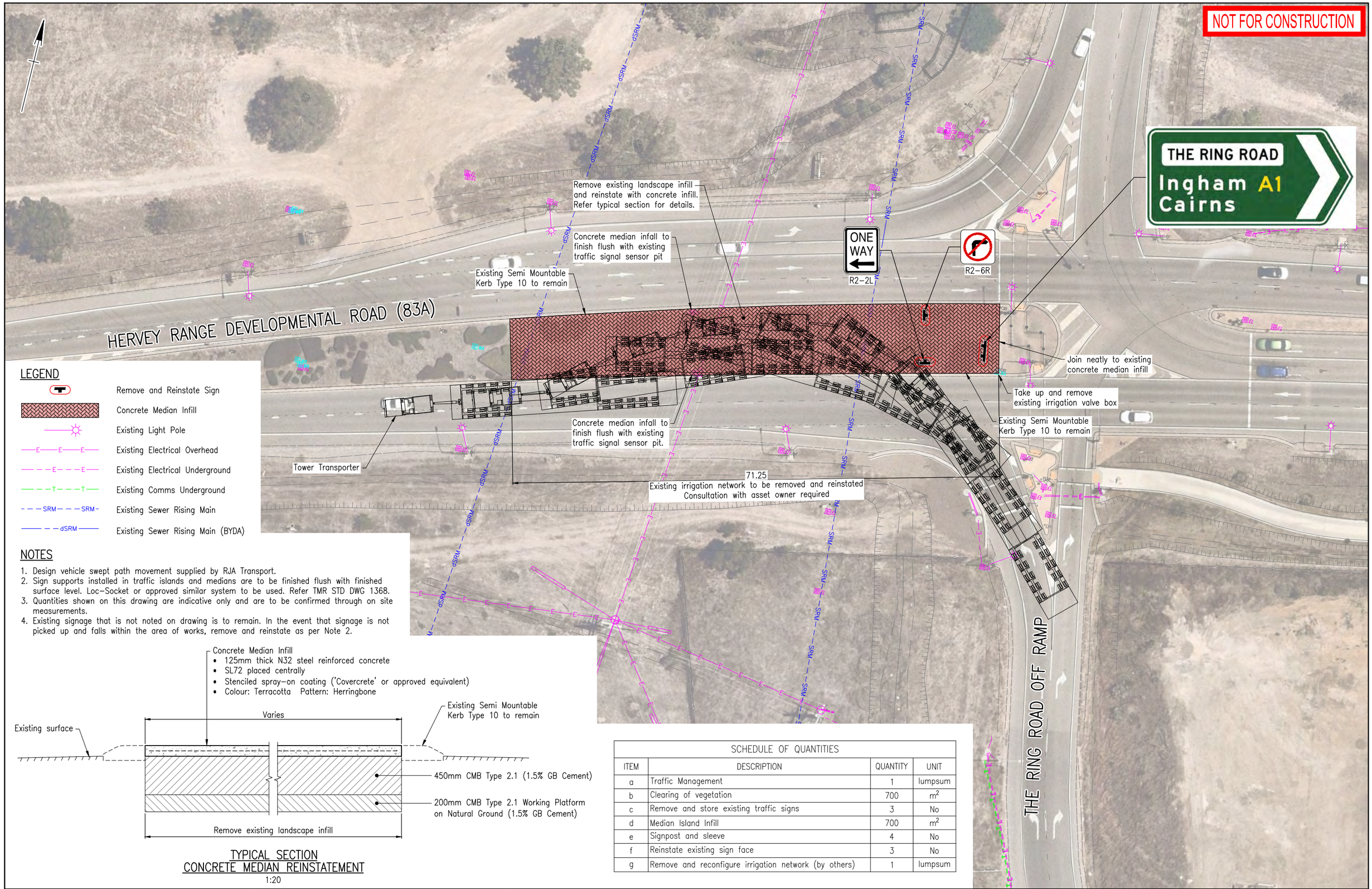
KIDSTON STAGE 3 WIND PROJECT - OFFSITE

R2-004 - BRUCE HIGHWAY (10M) ONTO ANGUS SMITH DRIVE -OFF RAMP LAYOUT PLAN

Status: NOT FOR CONSTRUCTION | Drg No.: 2004-00001 | Rev.: P2

NOT FOR CONSTRUCTION



LEGEND

- Remove and Reinstate Sign
- Concrete Median Infill
- Existing Light Pole
- E — E — E — Existing Electrical Overhead
- E — E — E — Existing Electrical Underground
- T — T — T — Existing Comms Underground
- SRM — SRM — Existing Sewer Rising Main
- dSRM — dSRM — Existing Sewer Rising Main (BYDA)

NOTES

1. Design vehicle swept path movement supplied by RJA Transport.
2. Sign supports installed in traffic islands and medians are to be finished flush with finished surface level. Loc-Socket or approved similar system to be used. Refer TMR STD DWG 1368.
3. Quantities shown on this drawing are indicative only and are to be confirmed through on site measurements.
4. Existing signage that is not noted on drawing is to remain. In the event that signage is not picked up and falls within the area of works, remove and reinstate as per Note 2.

TYPICAL SECTION
CONCRETE MEDIAN REINSTATEMENT
1:20

SCHEDULE OF QUANTITIES			
ITEM	DESCRIPTION	QUANTITY	UNIT
a	Traffic Management	1	lumpsum
b	Clearing of vegetation	700	m^2
c	Remove and store existing traffic signs	3	No
d	Median Island Infill	700	m^2
e	Signpost and sleeve	4	No
f	Reinstate existing sign face	3	No
g	Remove and reconfigure irrigation network (by others)	1	lumpsum

REVISIONS

No.	BY	DATE	DESCRIPTION	APPD
P1	TM	08.07.24	Issued For Client Reiew	

DRAWING SCALES (A1)

1:250 0 5 10 12.5m

1:20 0 0.2 0.4 0.6 0.8 1.0m

SURVEY DATA
HORIZ. DATUM A.H.D.
HORIZ. GRID
HEIGHT DATUM
SURVEY REF:

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DESIGNED	T. MADSEN	CHECKED	M. BARBAGALLO
DRAWN	T. MADSEN	CHECKED	R. BENNETT
APPROVED		DATE	

AECOM

RPEQ No.
AECOM Australia Pty Ltd A.B.N. 20 093 846 925

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KIDSTON STAGE 3 WIND PROJECT - OFFSITE

R2-005 - BRUCE HIGHWAY (10M)
& HERVEY RANGE DEVELOPMENTAL ROAD (83A)
INTERSECTION RECONFIGURATION

Status: NOT FOR CONSTRUCTION
Drg No.: 2005-00001
Rev.: P1

NOT FOR CONSTRUCTION

GREGORY DEVELOPMENTAL ROAD (98C)
DALRYMPLE ROAD

CENTENARY PARK

GREGORY DEVELOPMENTAL ROAD (98C)

Blade Transporter

KEEP LEFT
R2-3L(B)

Existing concrete median island to remain.
DO NOT DISTURB.

Breakout and remove existing kerb and concrete traffic island

Reconstruct concrete traffic island. Dimensions to be confirmed on site. Refer typical section for details.

GIVE WAY
R1-2(B)

Semi Mountable Kerb Type 12 (below road surface). Refer TMR STD DWG 1033 for details.

GIVE WAY
R1-2(B)

GIVE WAY
R1-2(B)

KEEP LEFT
R2-3L(B)
Shared post – back to back

KEEP LEFT
R2-3L(B)

Breakout and remove existing kerb and concrete median

KEEP LEFT
R2-3L(B)

Semi Mountable Kerb Type 8 (on road surface). Refer TMR STD DWG 1033 for details.

Reconstruct concrete median island. Dimensions to be confirmed on site. Refer typical section for details.

Existing concrete traffic island to remain.
DO NOT DISTURB.

No.91
Hackett Terrace

No.93
Hackett Terrace

CHARTERS TOWERS MOTEL

No.95
Hackett Terrace

HACKETT STREET

BRIDGE STREET

No.97
Hackett Terrace

LEGEND

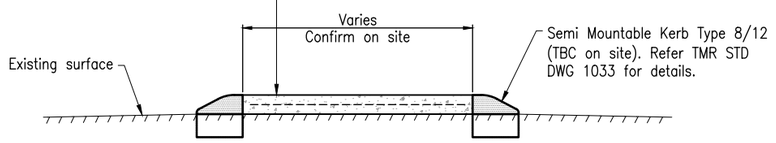
- Proposed sign location
- Existing sign to be relocated
- Semi Mountable Kerb
- Concrete Median Island

SCHEDULE OF QUANTITIES			
ITEM	DESCRIPTION	QUANTITY	UNIT
a	Traffic Management	1	lumpsum
b	Break out and remove concrete kerbing	100	m
c	Break out and remove concrete slabs	78	m^2
d	Remove and store existing traffic signs	6	No
e	Median Island Infill	7	m^2
f	Semi Mountable Kerb Type 8	66	m
g	Semi Mountable Kerb Type 12	34	m
h	Signpost and sleeve	6	No
i	Sign Plate (R1-2)	2	No
j	Sign Plate (R2-3L)	4	No
k	Pavement marking including new and refurbishment of existing	1	lumpsum
l	Raised retroreflective pavement markers (RRPM)	1	lumpsum

NOTES

1. Design vehicle swept path movement supplied by RJA Transport.
2. Pavement assumed to extend beneath concrete median. To be confirmed on site.
3. Sign supports installed in traffic islands and medians are to be finished flush with finished surface level. Loc-Socket or approved similar system to be used. Refer TMR STD DWG 1368.
4. Quantities shown on this drawing are indicative only and are to be confirmed through on site measurements.
5. Existing signage that is not noted on drawing is to remain.

Concrete Median Infill
- 125mm thick N32 steel reinforced concrete
- SL72 placed centrally
- Stenciled spray-on coating ('Covercrete' or approved equivalent)
- Colour: Terracotta Pattern: Herringbone



TYPICAL SECTION
CONCRETE MEDIAN REINSTATEMENT
1:20

REVISIONS				
No.	BY	DATE	DESCRIPTION	APPD
P1	MM	2.02.24	Issued For Client Reiew	

DRAWING SCALES (A1)
1:250 0 5 10 12.5m
1:20 0 0.2 0.4 0.6 0.8 1.0m

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DESIGNED	TM	CHECKED	
DRAWN	TM	CHECKED	
APPROVED		DATE	

AECOM

RPEQ No.
AECOM Australia Pty Ltd A.B.N. 20 093 846 925

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KIDSTON STAGE 3 WIND PROJECT - OFFSITE

R1-006 - GREGORY DEVELOPMENTAL ROAD AND BRIDGE STREET INTERSECTION - CHARTERS TOWERS INTERSECTION RECONFIGURATION

Status: NOT FOR CONSTRUCTION
Drg No.: 1006-00001
Rev.: P1