



Cape EA Prac

Cape Environmental Assessment Practitioners (Pty) Ltd

Reg. No. 2008/004627/07
VAT No 4720248386



Telephone: (044) 874 0365
Facsimile: (044) 874 0432

Web: www.cape-eaprac.co.za

17 Progress Street, George
PO Box 2070, George 6530

27 July 2020

Our Ref: KAI582

Attention: John Almond

VIA EMAIL

**REQUEST FOR SPECIALIST PALAEOLOGY CONFIRMATION LETTER OF IMPACTS –
PROPOSED BATTERY ENERGY STORAGE SYSTEM FOR THE DYASONSKLIP SOLAR ENERGY
FACILITY 1 ON THE REMAINDER OF THE FARM DYASONSKLIP 454.**

Cape Environmental Assessment Practitioners (Cape EA Prac) have been appointed by Dyasonsklip Solar Energy Facility 1 (Pty) Ltd. to apply for an amendment to the EA for the authorised Dyasonsklip Solar Energy Facility 1 PV Project. The applicant intends to amend the EA to make provision for a Battery Energy Storage System (BESS) within the authorised footprint, adjacent to the on-site sub-station.

The applicant intends including provision for a 400 Megawatt Hour (MW/h) on approximately 4 hectares within the authorised footprint as shown in the figure below and in Appendix 2.



As mentioned above, the BESS area will be accommodated entirely within the authorised footprint and does not encroach into any of the spatially sensitive features identified during the Environmental Assessment Process.

A google Earth KMZ showing the position of the BESS within the footprint is attached as annexure 3.

The proposed technology is lithium battery technology Battery and units would arrive on site fully assembled (flow batteries not considered and no assembly of individual battery components will take place on site).

What is important to note is that the battery systems include thermal management systems to mitigate potential risk of fire and leakage and that the proposed technology does not contain heavy metals (Lead, Cadmium, Mercury)

The battery storage technical report is attached in appendix 1 and typical examples shown in the two photographs below.



In terms of the EIA regulations, Cape EAPrac will submit an application for amendment of the original EA including:

- An impact assessment report including statements from all participating specialists;
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As the Palaeontology Specialist during the original EIA process, could you kindly provide a statement of the following in the form of a letter:

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Kind regards,

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Mr Dale Holder

Cape EAPrac

0824489225

Appendix 1: Battery Energy Storage Technical Report.

Appendix 2: Proposed updated layout plan.

Appendix 3: Google Earth KMZ showing location of BESS.



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Attention: Stephen Stead

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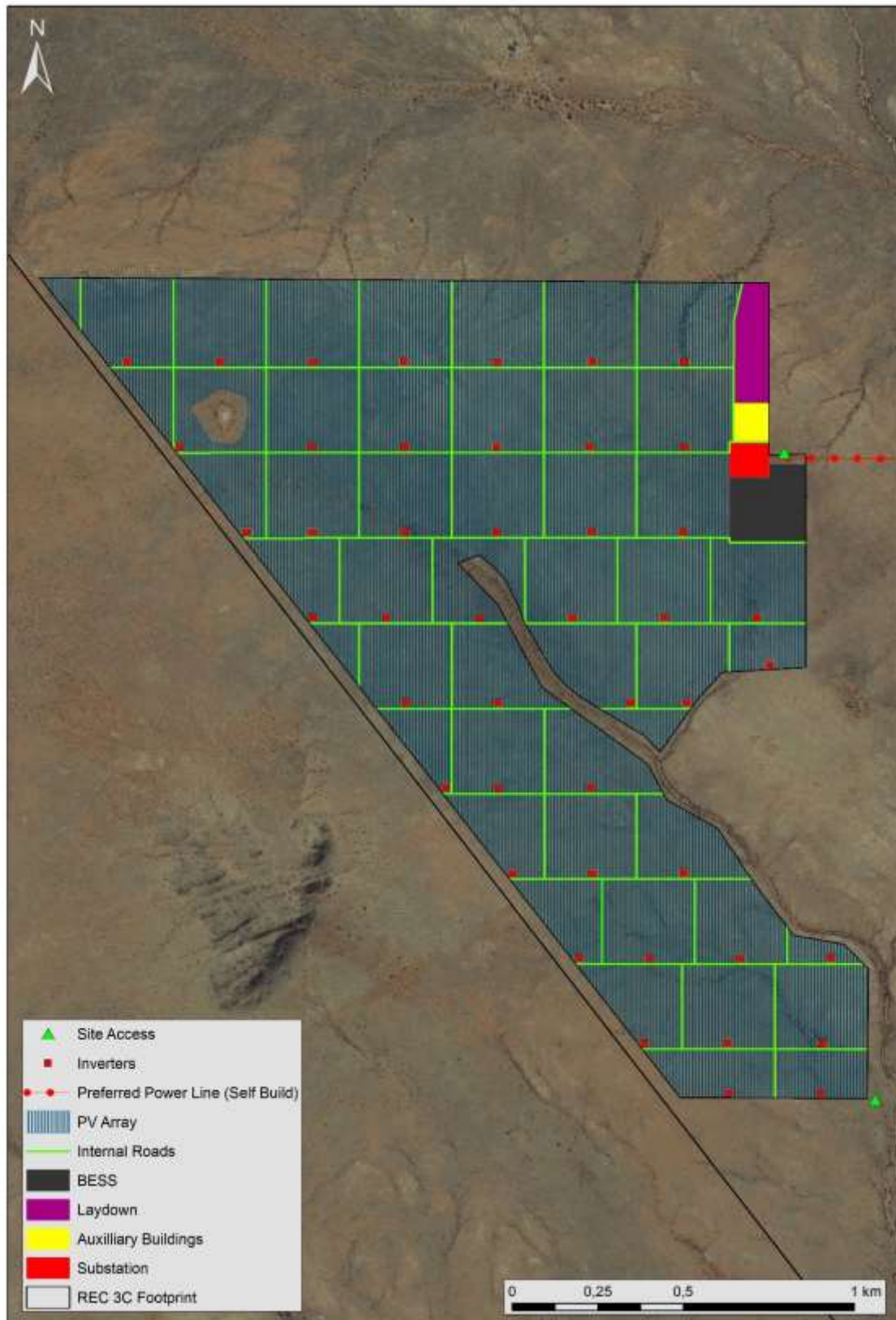
Attention: Christo Lubbe

VIA EMAIL

REQUEST FOR SPECIALIST AGRICULTURAL CONFIRMATION LETTER OF IMPACTS – PROPOSED BATTERY ENERGY STORAGE SYSTEM FOR THE RE CAPITAL 3C SOLAR DEVELOPMENT ON THE REMAINDER OF THE FARM DYASONSKLIP 454.

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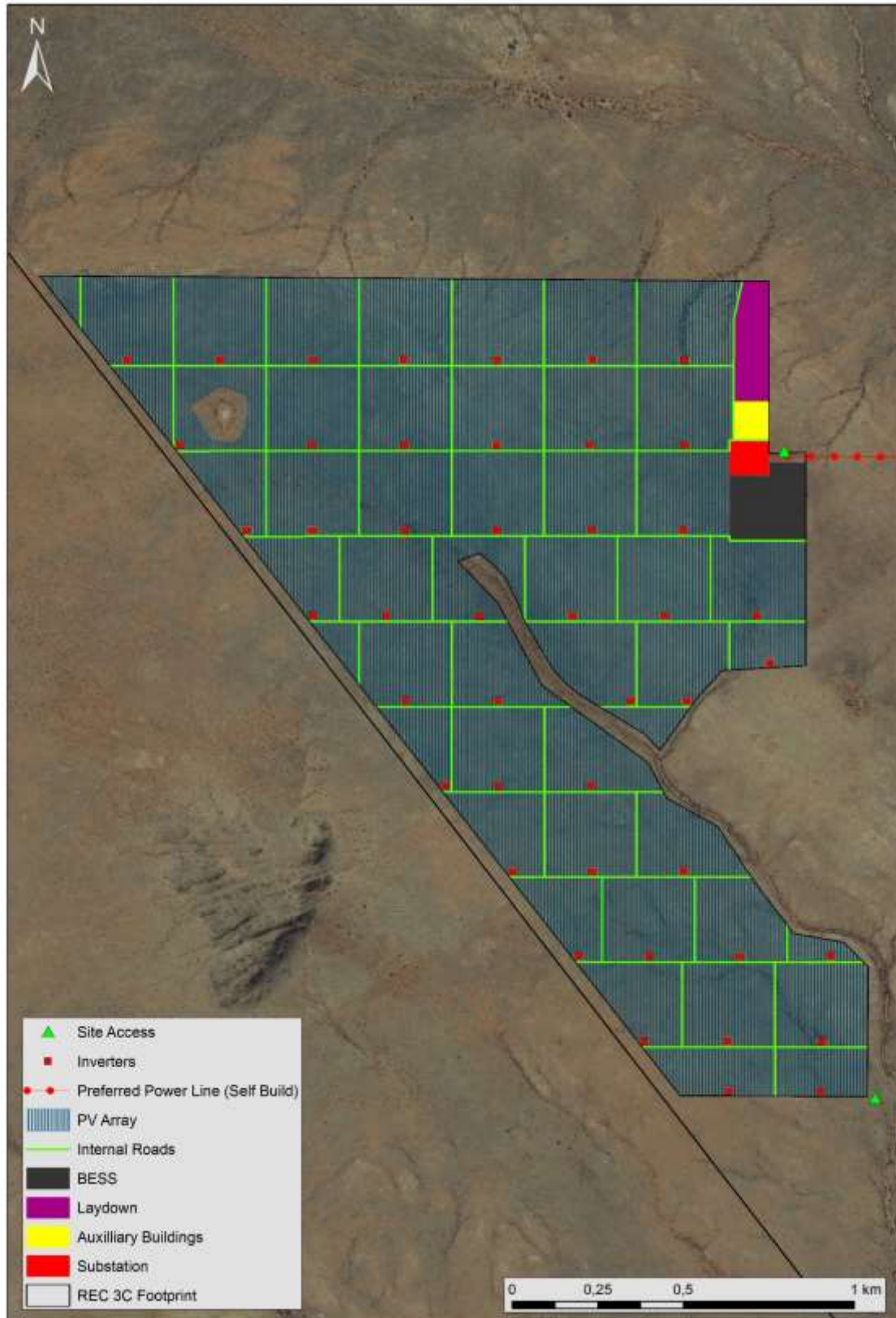
Attention: Simon Todd

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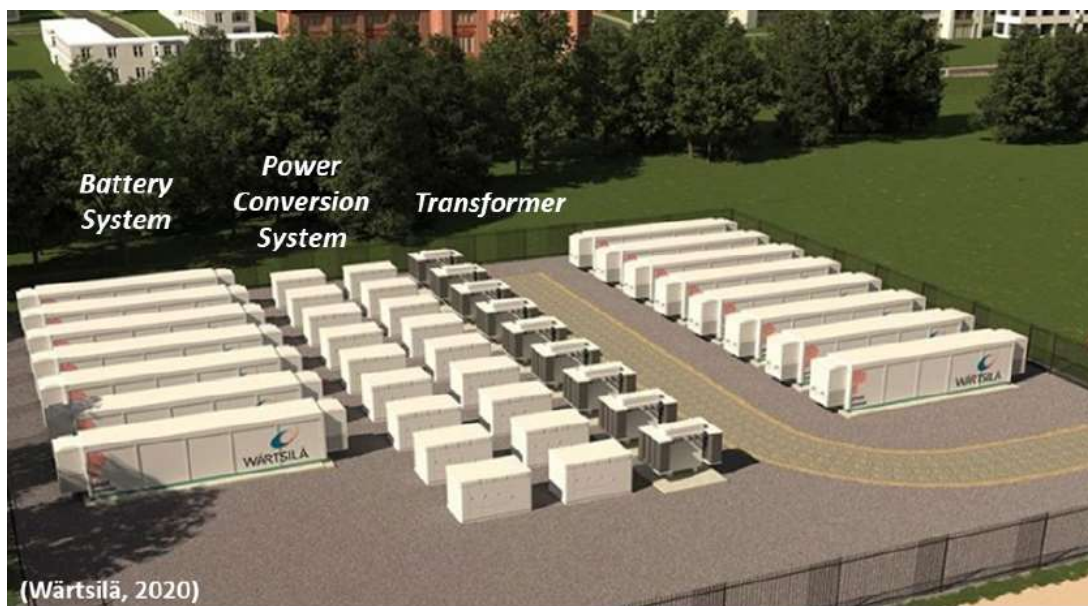
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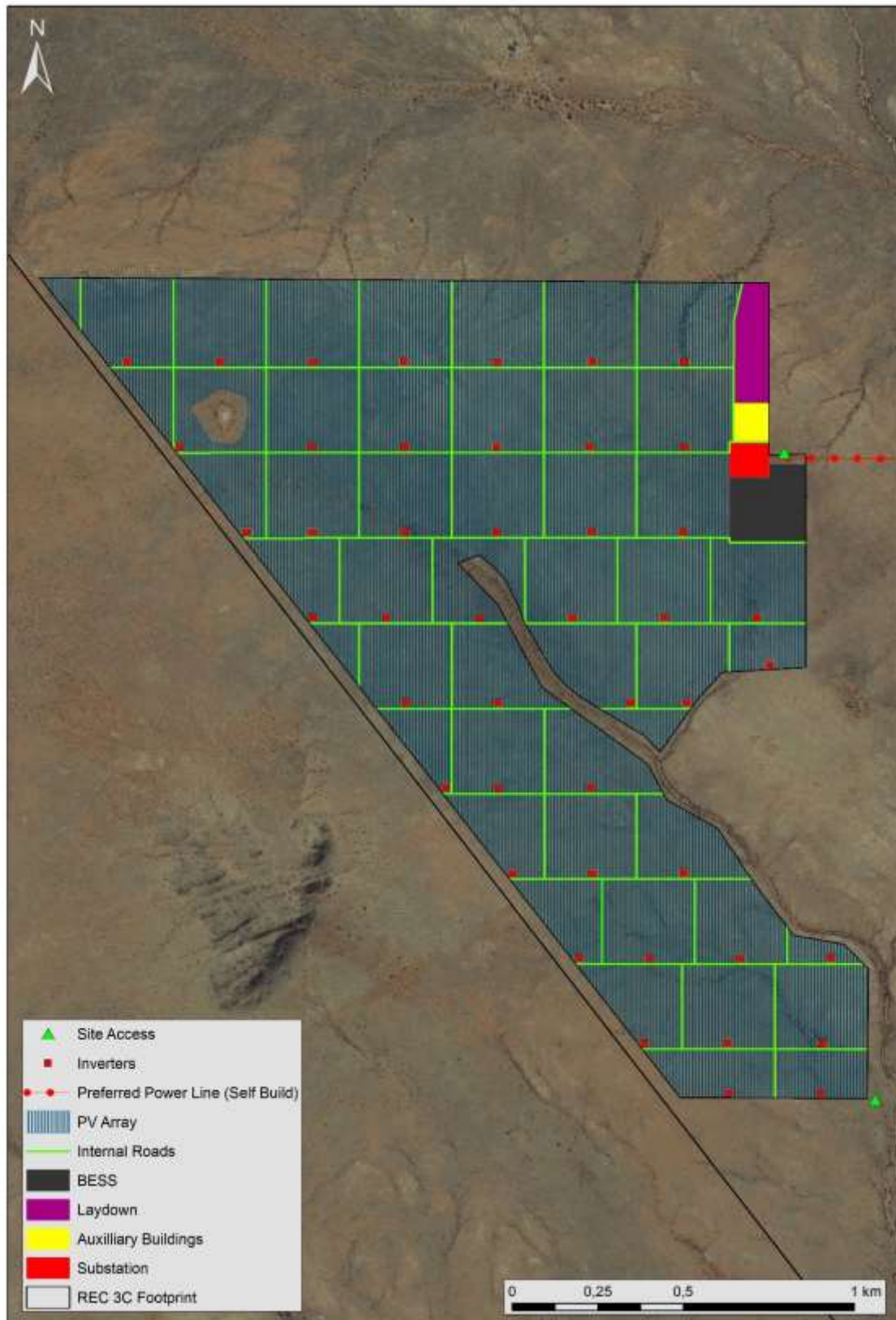
Attention: Dr David Morris

VIA EMAIL

REQUEST FOR SPECIALIST HERITAGE CONFIRMATION LETTER OF IMPACTS – PROPOSED BATTERY ENERGY STORAGE SYSTEM FOR THE RE CAPITAL 3C SOLAR DEVELOPMENT ON THE REMAINDER OF THE FARM DYASONSKLIP 454.

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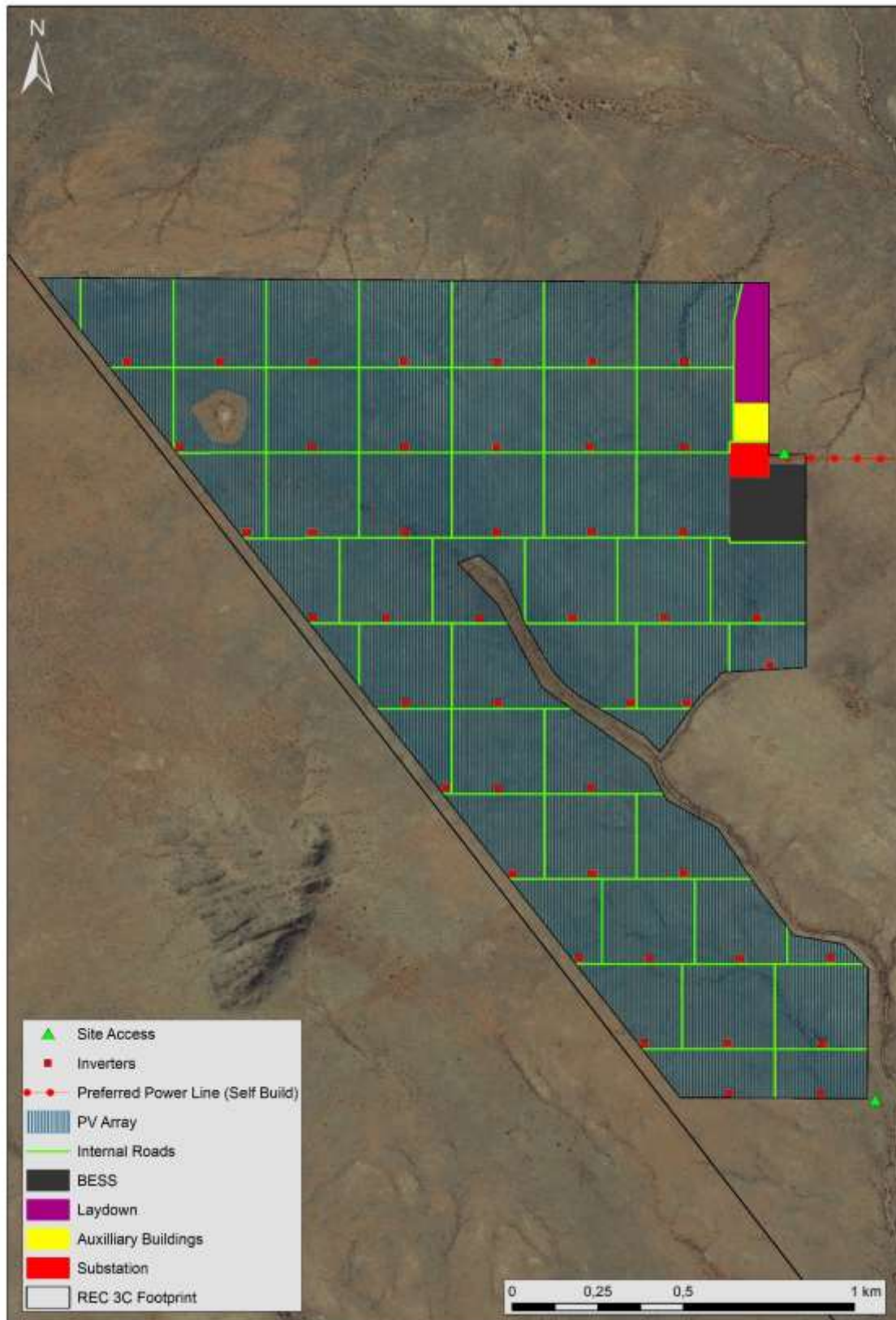
Attention: Dr John Almond

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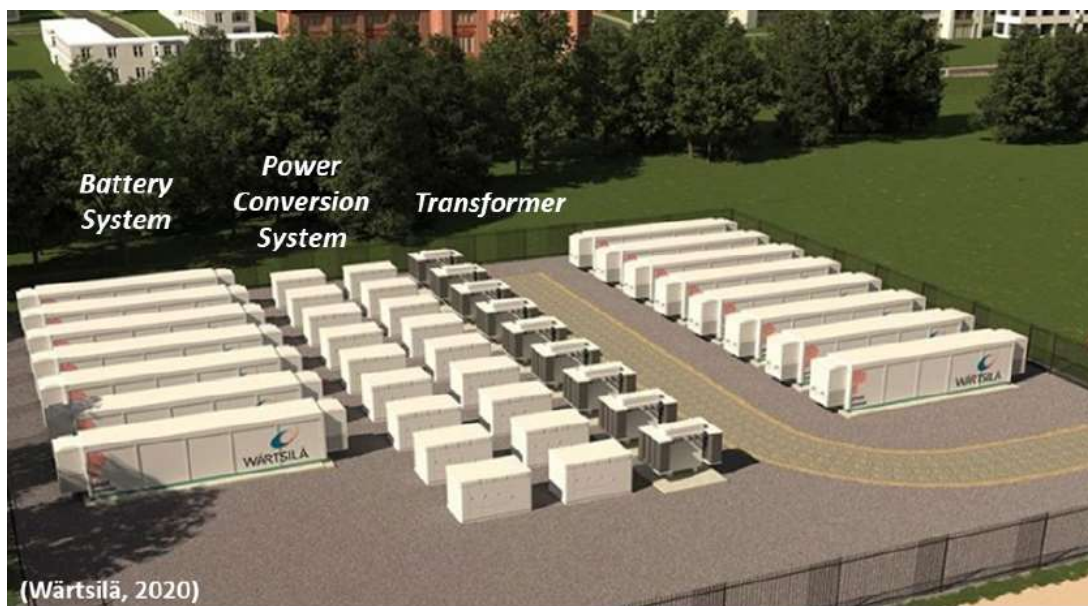
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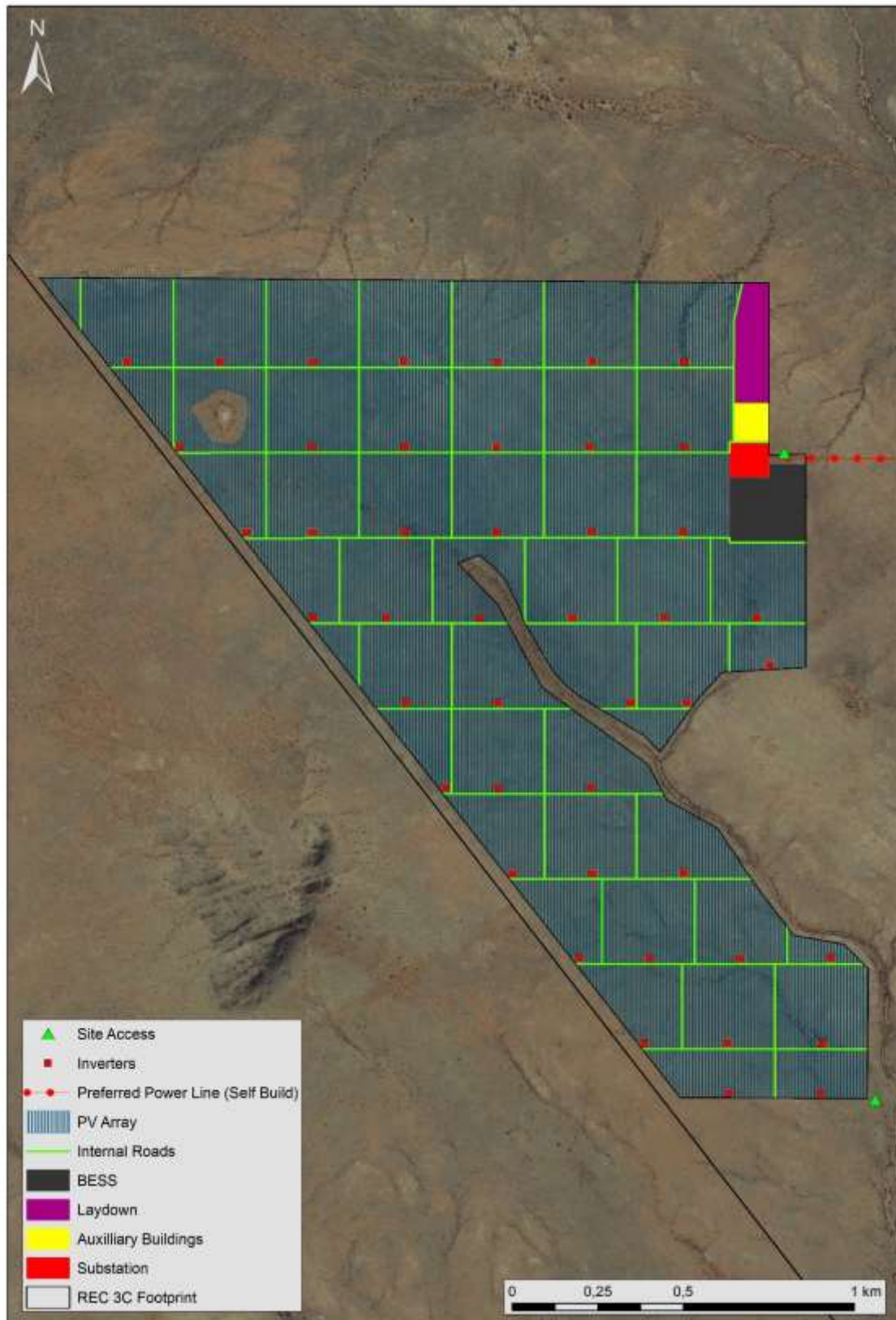
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2. Whether the BESS is likely to result in any additional impacts that were not previously assessed in your study.

3. Whether any additional management outcomes or mitigation measures in terms of your specialist discipline would be applicable to the BESS.

Kind regards,

A handwritten signature in black ink, appearing to read 'Dale Holder', with a horizontal line drawn through the middle of the signature.

Mr Dale Holder

Cape EAPrac

0824489225

Appendix 1: Battery Energy Storage Technical Report.

Appendix 2: Proposed updated layout plan.

Appendix 3: Google Earth KMZ showing location of BESS.