

Donna Clarke
Solar and Energy Storage
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Our Ref: RD_2022s0934_L001-1

23 August 2022

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Dear Ms Clarke,

EA Query Ref KT/2022/129750/01-L01

We write in response to the planning consultation response by the Environment Agency dated 28 June 2022 (Ref KT/2022/129750/01-L01) and Flood Risk.

In response to this query, we have prepared a drawing, IRA-JBAU-XX-XX-SK-C-0001-Plan_&_Section, that accompanies this correspondence that illustrates a typical section drawn at the lowest elevation within the site where solar panels would be present. As shown in Typical Section A-A, the design flood level does not exceed the base level of the solar panels which are set 800mm above existing ground level. It is considered that a design flood event will not affect any solar panels within the site and all solar panels will remain fully operational during a design flood event.

We trust this is sufficient to answer your query however, if you would like to discuss this further, please do not hesitate to contact the undersigned.

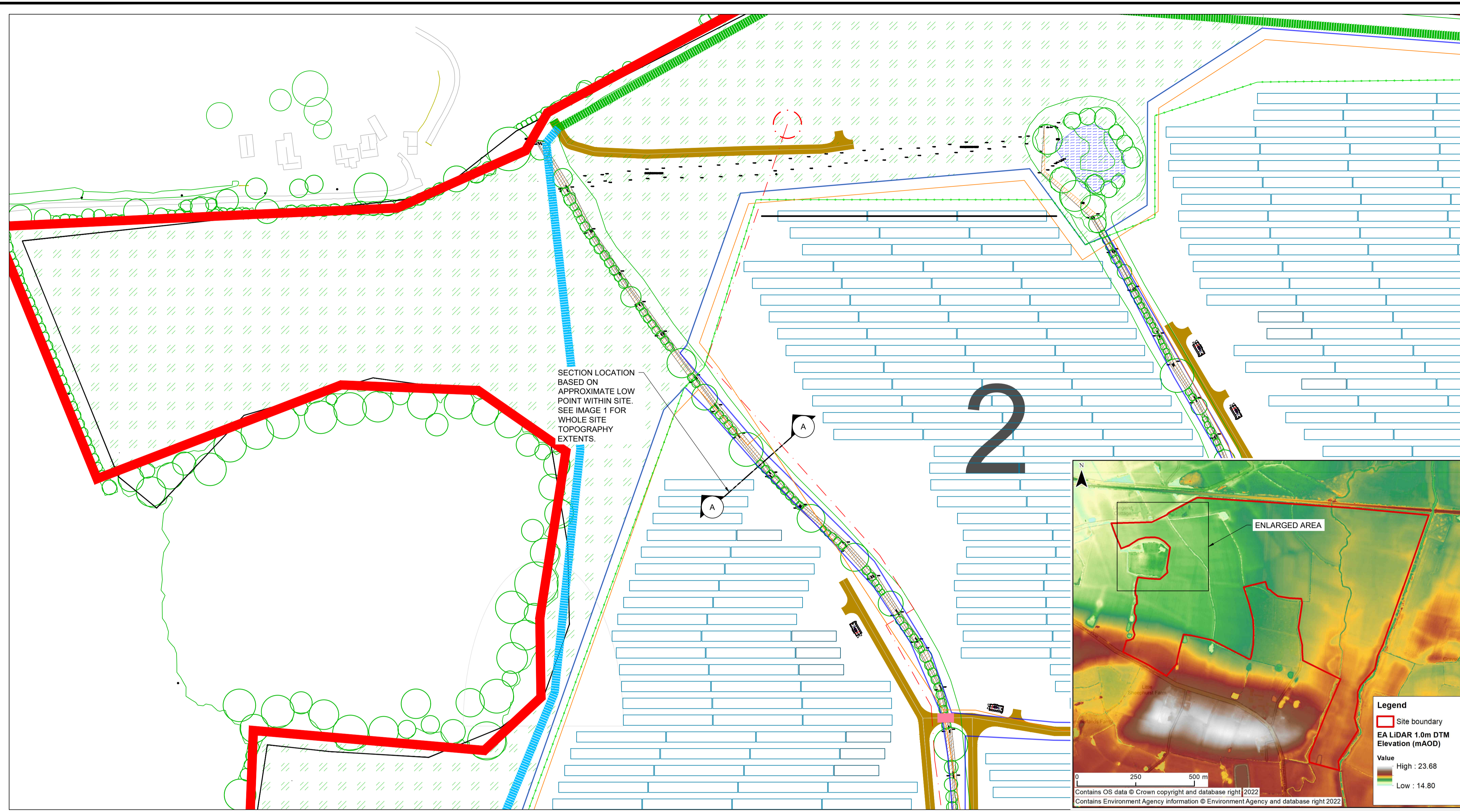
Yours sincerely,



Rene Dobson
Associate Director
rene.dobson@jbaconsulting.com

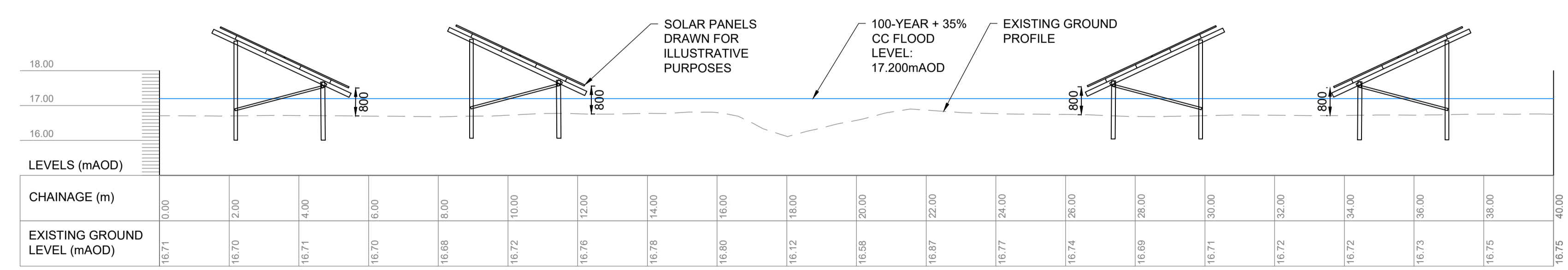
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SECTION LOCATION
1:1000

IMAGE 1 - SITE TOPOGRAPHY



TYPICAL SECTION A-A
1:100

Addendum Statement
 This drawing illustrates a Typical Section A-A drawn at the lowest elevation within the site where solar panels would be present. As shown in Typical Section A-A, the design flood level does not exceed the base level of the solar panels which are set 800mm above existing ground level. To conclude, a design flood event will not affect any solar panels within the site and all solar panels will remain fully operational during a design flood event.

LEGEND
 EXISTING GROUND PROFILE
 100-YEAR + 30% CC FLOOD LEVEL

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Project **Marden SWDS**

Title **Section Through Lowest Site Elevation (Highest Flood Depth)**

Client **Origin Power Services**

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Drawn: D Anderson	Designed: D Anderson
Checked: R Dobson	Approved: R Dobson
Project Reference: 2019s0929	Scale: As Shown @ A1
Drawing Number: IRA-JBAU-XX-XX-SK-C-0001	Status: S3
	Revision: P01
	Sheet Size: A1