



ARCUS

ALDEBY SOLAR PARK TREE PROTECTION PLAN

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1 INTRODUCTION

Arcus Consultancy Services Ltd (Arcus) has been commissioned by Infinis Solar Developments Ltd (the Applicant) to prepare a Tree Protection Plan (TPP) in relation to the proposed Aldeby Solar Park (hereafter known as 'the Development'), located on the closed Aldeby landfill site located approximately 1.2 km to the southeast of Aldeby and 400 m south of Burgh St Peter ('the Site') in Norfolk. An original TPP was submitted with the Planning Application dated June 2021. However, following comments from Norfolk County Council's Tree Officer, and subsequent changes to the Site Layout, the TPP has been amended accordingly.

2 TREE PROTECTION PLAN

The Development has been designed so that there would be no disturbance to the existing hedgerows and trees within and adjacent to the Site. As part of the design for the Development there are areas of new infill planting and new tree and hedgerow planting that are proposed, primarily to the southeast, southwest and north of the Solar Park as well as along the southern boundary of the Solar Park. There is an existing access road off Common Road to the west, which currently serves the landfill site and would be used for the construction and operation of the Development. There are no works required to this access road and so the Tree Protection Plan focuses on the area around the Solar Park only.

The existing vegetation at the Site forms an effective screen / filter of the Development, and it is important that this vegetation is protected and retained, in line with British Standard 5837:2012 - Trees in relation to design, demolition and construction. Information on existing vegetation was obtained from a drone topographic survey undertaken at the Site in October 2020.

Some of the hedgerow planting around the northern and western boundaries of the Solar Park, and the woodland block to the northwest, whilst not yet implemented may be implemented before construction of the Solar Park commences, as they are an obligation of the approved landfill restoration plan. As such, these areas of landscaping are also shown on the TPP to ensure they are appropriately protected.

Before any work commences on site, temporary tree protection fencing would be erected as shown on the Plan. This largely follows the Solar Park perimeter fence along the western and northern boundaries and is at a 5 m distance from the hedgerow and trees along the southern and eastern boundary of the Site. This is based on a minimum distance of a trunk diameter multiplied by 12. In this instance, with the boundaries largely made up of hedgerows, we have adopted an approximate trunk diameter of 30 centimetres x 12 = 3.6m distance, but increased to 5 m for the Root Protection Zone as a precautionary measure.

The temporary tree protection fencing would remain in place for the duration of the construction works, and then be taken down at the last phase of works to install the long-term perimeter fencing. Please refer to the appended Tree Protection Plan drawing for details and specification for the Tree Protection Fencing.

No tree works to retained trees are permitted without prior agreement of the project Landscape Architect/ Arboriculturist and Local Planning Authority (LPA).

There will be a requirement during construction to not move or damage tree protection fencing / ground protection.

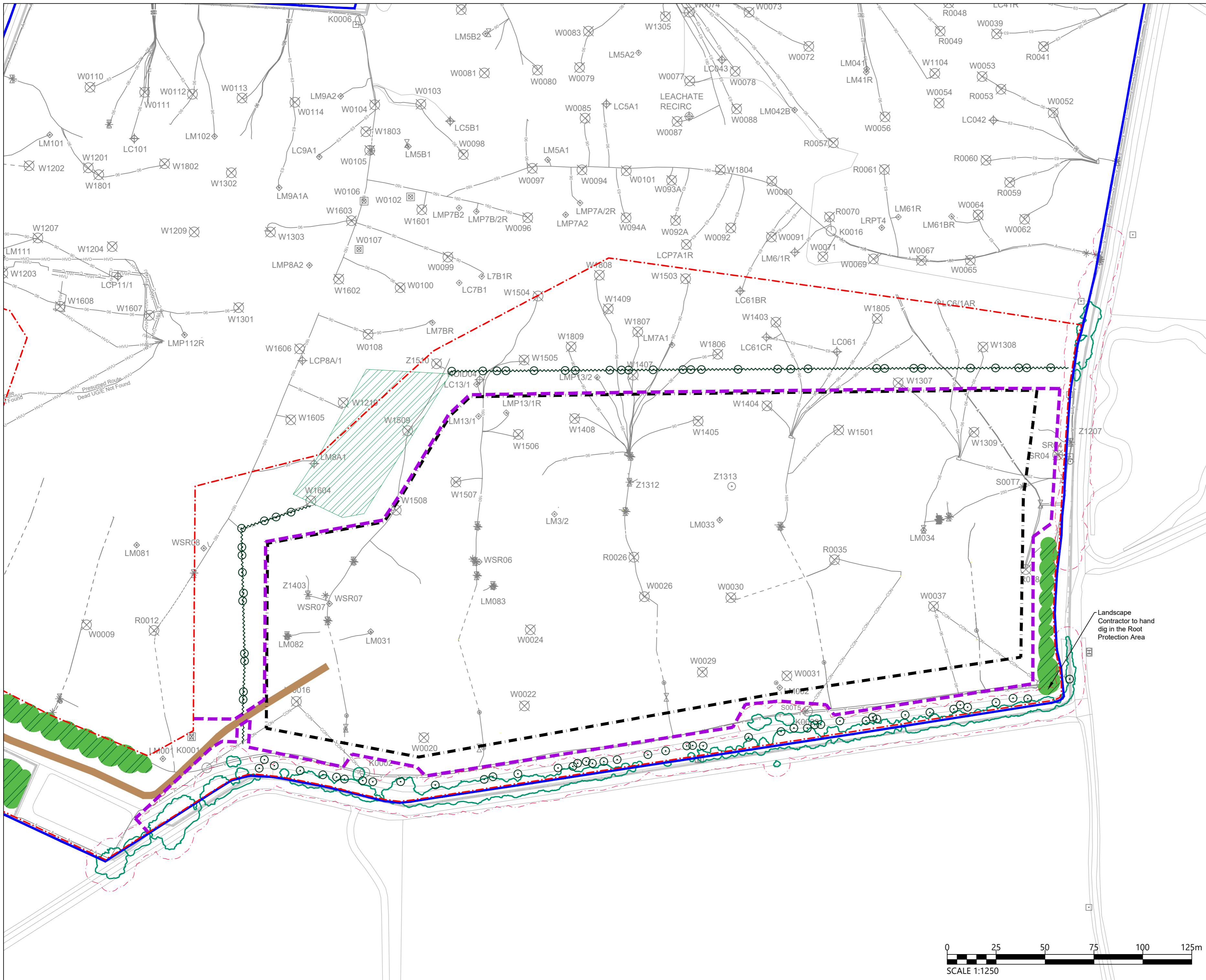
There will be no access to RPA / crown spread of a retained tree (vehicular / pedestrian) unless a fit for purpose ground protection is in place.

Similar measures to the above would need to be considered for the decommissioning phase of the Development, at the end of its operational period of 35 years, to ensure that decommissioning works do not impact existing trees.







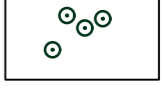
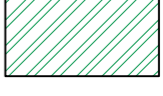



3 CONCLUSION

With the above protection measures in place there would be no risk of impact on existing trees, associated with the Development.

TREE PROTECTION PLAN DRAWING



KEY

-  LAND OWNERSHIP BOUNDARY
-  SITE BOUNDARY
-  EXISTING TREE TO BE RETAINED
-  RPA (ROOT PROTECTION AREA)
-  PROPOSED NATIVE SPECIES HEDGEROW WITH TREES
-  PROPOSED NATIVE HEDGEROW PLANTING AND GAPPING UP
-  PROPOSED NATIVE SPECIES TREES
-  PROPOSED NATIVE SPECIES WOODLAND MIX
-  PROPOSED FENCE
-  TEMPORARY TREE PROTECTION FENCE
-  PROPOSED ACCESS ROAD


REVISION SCHEDULE		
Rev	Date	Description
A	25.06.21	Revised following client comments (WM)
B	19.11.19	Revised following client comments (WM)

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STATUS: **FOR PLANNING**

PROJECT: Aldeby Solar Park
 TITLE: Tree Protection Plan
 CLIENT: Infinis Solar Development Ltd.
 DATE: 25.05.2021 SCALE: 1:1250@A2
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