



OAKLANDS FARM SOLAR PARK

Applicant: Oaklands Farm Solar Ltd

Environmental Statement

Chapter 7 - Figures 7.1

January 2024

Document Ref: EN010122/APP/6.1/Fig 7.1

Revision: -

Planning Act 2008

Infrastructure Planning (Application: Prescribed Forms and Procedure) Regulations 2009 - 5(2)(a)



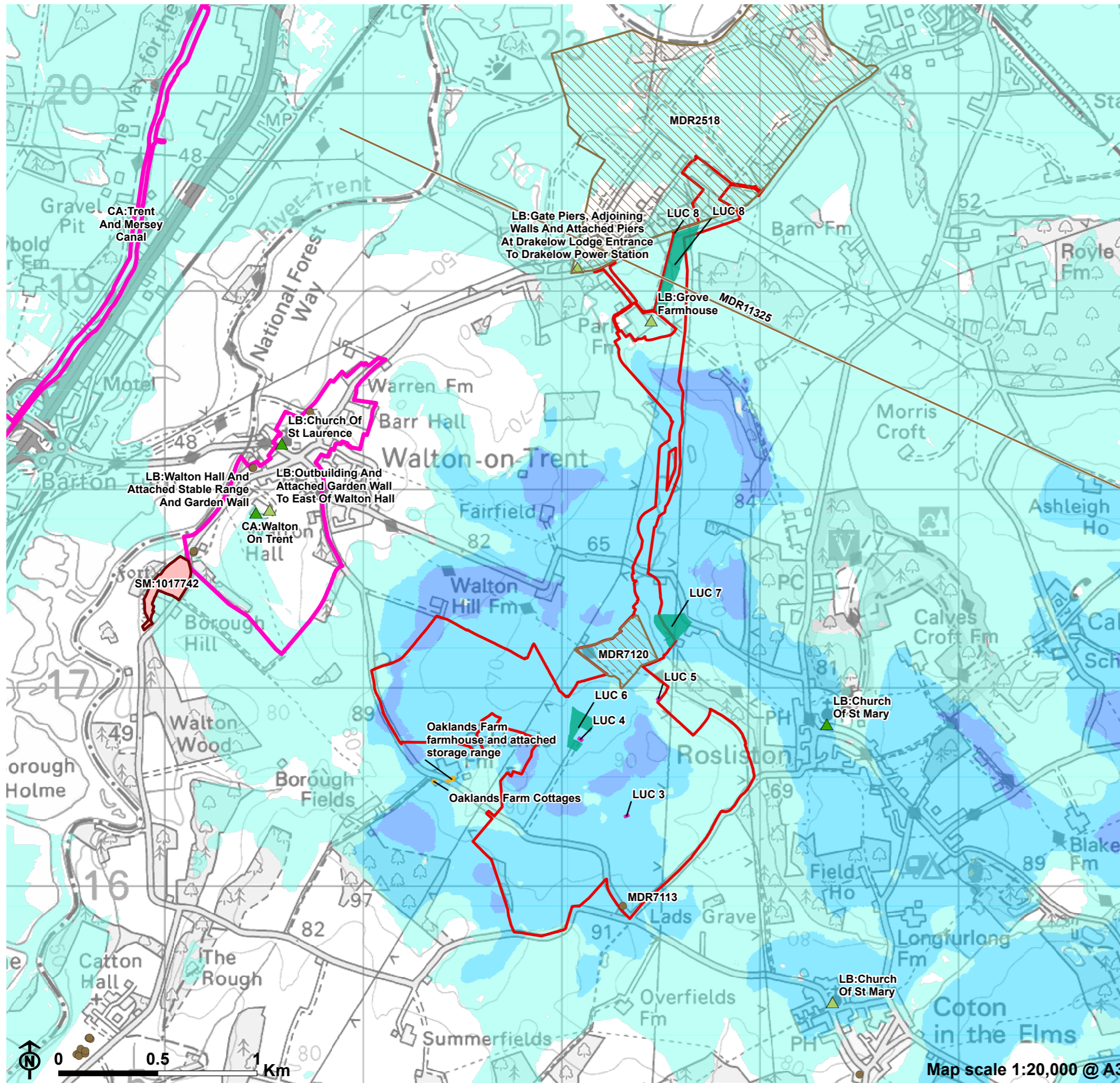
**Oaklands Farm Solar
Park - Environmental
Statement Volume 2**
Chapter 7: Historic
Environment Figures

Final report
Prepared by LUC
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Figure 7.1: Heritage Assets Identified as Potentially Susceptible to Effects



Figure 7.1: Heritage assets identified as potentially susceptible to effects



- Site boundary
- Scheduled Monument (SM)
- Conservation Area (CA)
- Listed Building (LB)**
 - ▲ Grade II*
 - ▲ Grade II
 - HER entry - point
 - HER entry - linear
 - HER entry - area
- Additional non designated assets**
 - Standing building
 - Site of building
 - Shallow ridge and furrow earthworks
- Theoretical visibility**
 - Lower visibility
 - Higher visibility

The ZTV indicates the theoretical visibility of the PV solar panel at a maximum height of 2.7m from a viewing height of 2m above ground level. The terrain model is based on OS Terrain 5 digital terrain model (DTM) data (5m grid, obtained from BayWa 2021). The DTM was edited to create an indicative Digital Surface Model (DSM), incorporating:

- Existing buildings, based on OSVML building data with an assumed height of 8m for each building.
- Existing woodland, based on the woodland category of the Forestry Commission NFI 2020 dataset, with an assumed height of 15m for each type of woodland ('Assumed woodland', 'Broadleaved', 'Conifer', 'Mixed mainly broadleaved', 'Mixed mainly conifer'), irrespective of age. Hedgerows are not modelled.

Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1 software.

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