

From:Honor Whitfield
Sent:17 Aug 2020 12:10:56 +0100
To:planning
Subject:FW: Planning Application 20/01242/FULM - Halloughton
Attachments:Attachment 1.pdf

Please can you idox as additional Archaeology information (email and attachment)

From: Chris Morley <Chris.Morley@pegasusgroup.co.uk>
Sent: 12 August 2020 13:10
To: Matthew Adams <Matthew.Adams@lincolnshire.gov.uk>
Cc: Honor Whitfield <Honor.Whitfield@newark-sherwooddc.gov.uk>
Subject: RE: Planning Application 20/01242/FULM - Halloughton

Hi Matt,

Thanks again for supplying the information from the local archaeology group, and for providing your thoughts. I've taken a good look at all of the information for you and I've also processed some of the 1m resolution data available from the environment agency myself.

I've attached an annotated figure interpreting the earthwork features visible (**Attachment 1**). In sum, the earthworks identifiable on the LiDAR all relate to historic agricultural use of the land, principally ponds and field boundaries, as well as to the underlying geology, extant tree-cover, modern pylons and other infrastructure. I can see why the group may have thought that the features they identified were perhaps more significant than this - to the untrained eye a slight depression/mound relating to a back-filled pond can have all the appearance of a barrow on LiDAR imagery, while better surviving lengths of former field/furlong boundary can appear to create coherent 'enclosures'.

In creating my own model, I exaggerated the scale of the features by a factor of 20 and also rotated the azimuth (light angle) through 360 degrees, so to reveal the subtler micro-topography visible under the varying light conditions. I have many years of working with, processing and interpreting DTM and DSM data and there is nothing in my dataset or that supplied by the local interest group that represents anything other than historic agricultural use of the land within and around the Site, as per the findings of the geophysical survey.

You also mention in your email about the potential geological / pedological processes that may have occurred more recently within the Site (colluvium, alluvium and general soil movement), which may have masked any earlier traces. I have taken a look at this for you also, but I can find no supporting evidence. The British Geological Survey (BGS) maps mudstone across the Site, with occasional narrow bands of siltstone. There is no alluvium mapped along Westhorpe Dumble and no other superficial deposits mapped anywhere else within the Site. I can see no reason to doubt the veracity of the BGS data. The comparatively level topography across the Site, and the slightness of the watercourses, is consistent with the profile presented; it would suggest a low potential for significant superficial deposits to have accrued and/or geological movements to have taken place within the Site.

I appreciate that the group are still undertaking their own research, but I can commend my professional interpretation to you with confidence. I would be happy to talk through any aspects with you if of use. Overall, the LiDAR data corroborates the findings of the DBA and geophysical survey in demonstrating a low potential for significant archaeological remains to survive buried within the Site. Combined with the minimal level of impact that would result from the solar farm proposal, it remains our position that any further pre-determination work would be disproportionate, and that a condition proportionate in scope to the low potential and minimal impact would be the right way forward here.

I hope that this all makes sense, Matt. Please do give me a call if there is anything that you would like to discuss. Otherwise, I'll look forward to hearing any thoughts.

Best wishes,

Chris

Chris Morley B.A., M.Phil., MCIf
s A
Associate Heritage Consultant

t

Pegasus Group

p

PLANNING | DESIGN | ENVIRONMENT | ECONOMICS | HERITAGE

Querns Business Centre | Whitworth R | Cirencester | GL7 1RT

d

T 01285 64171 | **E** Chris.Morley@pegasusgroup.co.uk
7

M 07817 12964 | **DD** 01285 88804 | **EXT** 1084
5 1

Birmingham | Bracknell | Bristol | Cambridge | Cirencester | Dublin | East Midlands | Leeds | Liverpool | London | Manchester | Newcastle | Peterborough | Solent

  www.pegasusgroup.co.uk

Pegasus Group is the trading name of Pegasus Planning Group Ltd [07277000] registered in England and Wales. This email and any associated files, is intended for the exclusive use of the addressee only. If you are not the intended recipient you should not use the contents nor disclose them to any other person. If you have received this message in error please notify us immediately. We have updated our Privacy Statement in line with the GDPR; please click here to view it.



Please consider the environment before printing this email message.

*****IMPORTANT INFORMATION REGARDING PEGASUS GROUP & CORONAVIRUS / COVID-19*****

