

DC/21/03600	Installation of 8no separate section solar PV carport arrays on Mid Suffolk District Council owned public use carpark. Battery storage cabinet. 5no connected electric vehicle charging points.	Gainsborough Road Car Park Gainsborough Road for Mid Suffolk District Council	There is no objection from the Town Council to the grant of planning consent.
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Your Ref:DC/21/03600
Our Ref: SCC/CON/2947/21
Date: 14 July 2021
Highways Enquiries to: Highways.DevelopmentControl@suffolk.gov.uk



All planning enquiries should be sent to the Local Planning Authority.

Email: planning@babberghmidsuffolk.gov.uk

The Planning Department
MidSuffolk District Council
Planning Section
1st Floor, Endeavour House
8 Russell Road
Ipswich
Suffolk
IP1 2BX

For the attention of: Alex Scott

Dear Alex,

TOWN AND COUNTRY PLANNING ACT 1990

CONSULTATION RETURN: DC/21/03600

PROPOSAL: Planning Application. Installation of 8no separate section solar PV carport arrays on Mid Suffolk District Council owned public use carpark. Battery storage cabinet. 5no connected electric vehicle charging points.

LOCATION: Gainsborough Road Car Park, Gainsborough Road, Stowmarket, Suffolk IP14 1LH

Notice is hereby given that the County Council as Highway Authority recommends that any permission which that Planning Authority may give should include the conditions shown below:

Condition: The use shall not commence until the area(s) within the site shown on Drawing No. P-02 Rev. A for the purposes of [LOADING, UNLOADING,] manoeuvring and parking of vehicles has been provided and thereafter that area(s) shall be retained and used for no other purposes.

Reason: To ensure that sufficient space for the on site parking of vehicles is provided and maintained in order to ensure the provision of adequate on-site space for the parking and manoeuvring of vehicles where on-street parking and manoeuvring would be detrimental to highway safety to users of the highway.

Yours sincerely,

Kyle Porter

Development Management Technician

Growth, Highways and Infrastructure

From: BMSDC Planning Area Team Blue <planningblue@baberghmidsuffolk.gov.uk>

Sent: 28 Jun 2021 02:47:20

To:

Cc:

Subject: FW: DC/21/03600

Attachments:

From: Simon Davison <Simon.Davison@baberghmidsuffolk.gov.uk>

Sent: 28 June 2021 12:05

To: BMSDC Planning Area Team Blue <planningblue@baberghmidsuffolk.gov.uk>

Subject: DC/21/03600

Dear Alex,

APPLICATION FOR PLANNING PERMISSION - DC/21/03600

Proposal: Planning Application. Installation of 8no separate section solar PV carport arrays on Mid Suffolk District Council owned public use carpark. Battery storage cabinet. 5no connected electric vehicle charging points.

Location: Gainsborough Road Car Park, Gainsborough Road, Stowmarket, Suffolk IP14 1LH.

Many thanks for your request to comment on the application.

I have no objection to the proposed application.

Kind regards

Simon Davison PIEMA

Senior Environmental Management Officer

Babergh and Mid Suffolk District Councils - Working Together

Mobile: 07874 634932

t: 01449 724728

email: simon.davison@baberghmidsuffolk.gov.uk

w: www.babergh.gov.uk www.midsuffolk.gov.uk

From: BMSDC Planning Area Team Green <planninggreen@baberghmidsuffolk.gov.uk>

Sent: 06 Aug 2021 03:03:46

To:

Cc:

Subject: FW: DC/21/03600 additional comments

Attachments:

From: Andy Rutson-Edwards <Andy.Rutson-Edwards@baberghmidsuffolk.gov.uk>

Sent: 06 August 2021 14:07

To: Alex Scott <Alex.Scott@baberghmidsuffolk.gov.uk>; BMSDC Planning Area Team Blue

<planningblue@baberghmidsuffolk.gov.uk>; BMSDC Planning Mailbox <planning@baberghmidsuffolk.gov.uk>

Cc: Owen Fayers <Owen.Fayers@baberghmidsuffolk.gov.uk>

Subject: DC/21/03600 additional comments

Environmental Health -
Noise/Odour/Light/Smoke

APPLICATION FOR PLANNING PERMISSION - DC/21/03600

Proposal: Planning Application. Installation of 8no separate section solar PV carport arrays on Mid Suffolk District Council owned public use carpark. Battery storage cabinet. 5no connected electric vehicle charging points.

Location: Gainsborough Road Car Park, Gainsborough Road, Stowmarket, Suffolk IP14 1LH

Good Afternoon,

I have previously made consultee comments on the application above.

I now have additional comments to add to those I have already submitted.

Following the provision of additional information regarding the carpark PV panels and associated invertors/vehicle chargers, there is still not sufficient information provided for us to make an informed recommendation that the development is approved without condition at this stage.

Following a discussion between Officers, Environmental Protection have no objection in principle. However, We would require pre-commencement conditions.

I would suggest that the following conditions are added to any permissions granted:

Requirement for Noise Assessment

The development hereby approved shall not commence until full details of all plant to be installed including precise acoustic specification, as well as a noise assessment, to include details of the prevailing existing background level, to be based on methodology as given in British Standard BS4142:2014 have been submitted to an approved by the LPA, in order to allow the likelihood of loss of amenity to be determined.

Reason: to minimise detriment to nearby residential amenity

Ongoing requirement – BS4142 limit on external noise levels

The rating level of sound emitted from any fixed plant and/or machinery associated with the development for the use hereby approved shall not exceed background sound levels by more than 5dB(A) between the hours of 0700-2300 (taken as a 15 minute LA90 at the nearest sound sensitive premises) and shall not exceed the background sound level between 2300-0700 (taken as a 15 minute LA90 at the nearest/any sound sensitive premises). All measurements shall be made in accordance with the methodology of BS4142 (2014) (Methods for rating and assessing industrial and commercial sound) and/or its subsequent amendments.

Where access to the nearest sound sensitive property is not possible, measurements shall be undertaken at an appropriate location and corrected to establish the noise levels at the nearest sound sensitive property. This shall be the initial noise condition.

Where the levels predicted, exceed the background levels by more than those established in the initial noise condition then a scheme of mitigation to ensure compliance shall be submitted for approval by the LPA.

Reason: to minimise detriment to nearby residential amenity

Ongoing requirement – maintenance

The plant and any noise mitigation scheme as required, hereby approved by the LPA, shall be maintained throughout the lifetime of the development to ensure the level of noise emitted from the site shall not exceed the initial noise condition.

Reason: to minimise detriment to nearby residential amenity

Andy

Andy Rutson-Edwards, MCIEH AMIOA
Senior Environmental Protection Officer
Babergh and Mid Suffolk District Council - Working Together

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From: BMSDC Planning Area Team Blue <planningblue@baberghmidsuffolk.gov.uk>

Sent: 30 Jul 2021 01:16:52

To:

Cc:

Subject: FW: Environmental Protection latest response - DC/21/03600 - Gainsborough Road Car Park, Stowmarket

Attachments:

From: Andy Rutson-Edwards <Andy.Rutson-Edwards@baberghmidsuffolk.gov.uk>

Sent: 19 July 2021 16:06

To: BMSDC Planning Mailbox <planning@baberghmidsuffolk.gov.uk>; Alex Scott <Alex.Scott@baberghmidsuffolk.gov.uk>; BMSDC Planning Area Team Blue <planningblue@baberghmidsuffolk.gov.uk>

Subject: DC/21/03600

Environmental Health -
Noise/Odour/Light/Smoke

APPLICATION FOR PLANNING PERMISSION - DC/21/03600

Proposal: Planning Application. Installation of 8no separate section solar PV carport arrays on Mid Suffolk District Council owned public use carpark. Battery storage cabinet. 5no connected electric vehicle charging points.

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Thank you for consulting me on this application. Environmental Protection have no objection in principle to the above proposal for EV charging points and solar energy storage, however the associated equipment which includes inverters and in some cases fans have the potential to cause a significant adverse impact on noise sensitive dwellings, particularly at night when background noise levels are lower. The noise emitted can also have a tonal characteristic they is likely to attract attention.

The additional sheets submitted to support the application provide very little detail concerning the charging points and invertors (including housing). No technical specification for the selected equipment has been provided and no assessment of noise impacts have been carried out (this would typically be undertaken in consideration of BS4142:2014 by comparing a derived Noise Rating level for the site with existing Background noise levels at noise sensitive dwellings The car charging points appear to be less than 25 metres from the nearest residential premises.

With regards to the noise details provided with the application. There is a statement that the charging units create next to no noise but may have a buzz depending on the install. The Buzz will be tonal noise. The full specification of the charger that will be installed and its proposed location should be provided. It is unknown if the charger station has associated fans or not.

The statement concerning the inverters confirms that there are data sheets available with different noise outputs depending what inverter is used. The range of noise emissions appears to range from <25dB to <60dB. In addition a sheet is provided that indicates noise emission from 1m away from louvres (It is not shown if these louvres are sited at the battery housing location or near to the car ports) of between 53 and 66dBA at 1m form specific elevations. It is not clear how this is derived (what equipment is behind the louvres?) and it is not clear where, or what the orientation of the housing/louvres are in context of the proposed site plan.

It is not therefore possible to determine whether or not the noise would have an adverse impact on noise sensitive dwellings or not. I therefore recommend that unless the applicant supplies a BS4142:2014 noise assessment and proposed mitigation methods in support of this application then the application is refused due to insufficient information on potential noise emissions and impacts. However, should the documents requested be received please re consult me on the application.

Andy

Andy Rutson-Edwards, MCIEH AMIOA
Senior Environmental Protection Officer

Babergh and Mid Suffolk District Council - Working Together

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From: BMSDC Planning Area Team Blue <planningblue@babberghmidsuffolk.gov.uk>

Sent: 02 Jul 2021 01:57:54

To:

Cc:

Subject: FW: DC/21/03600

Attachments:

From: Andy Rutson-Edwards <Andy.Rutson-Edwards@babberghmidsuffolk.gov.uk>

Sent: 02 July 2021 13:23

To: Alex Scott <Alex.Scott@babberghmidsuffolk.gov.uk>; BMSDC Planning Area Team Blue <planningblue@babberghmidsuffolk.gov.uk>; BMSDC Planning Mailbox <planning@babberghmidsuffolk.gov.uk>

Subject: DC/21/03600

Environmental Health -
Noise/Odour/Light/Smoke

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Thank you for consulting me on this application.

Please ask the applicant to provide details of the plant to include noise levels from the charging points, invertors and any cooling fans associated with the batter storage cabinet if required. Once these are received please re consult as this may need a noise impact assessment

Regards

Andy

Andy Rutson-Edwards, MCIEH AMIOA

Senior Environmental Protection Officer

Babergh and Mid Suffolk District Council - Working Together

Tel: 01449 724727

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