

DESIGN AND ACCESS STATEMENT

For SYMCA + Stagecoach

Wakefield road Bus Depot
Wakefield road
Barnsley
S71 1NT

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Revision:

Revision	Detail	Date

1.0 INTRODUCTION

This application is for proposed works to the current Wakefield Road bus depot which is operated by stagecoach. The application is for the installation of electric vehicle infrastructure to convert an existing diesel bus fleet to fully electric vehicles (EV).

The application is to be carried out for the purposes of installing additional high-level gantry mounted EV chargers and ground mounted chargers to increase the number of electric vehicles on site.

The proposal includes the construction of 5 new steel gantries, ground mounted chargers around the site along with the relocation of the sites existing bus wash facilities and the necessary EV Infrastructure to facilitate this consisting of RMU, transformers and feeder panels. The additional demolition of the site's removal of the existing fuel tank, Chassis wash and Bus wash.

This 'Design and Access Statement' aims to provide an overview of the design process and physical characteristics of the site.

2.0 SCHEDULE OF PLANS FOR APPROVAL

A full table with a schedule of the drawings submitted with the planning application has been included below.

Identification No.	Title	Rev
1455-100	Site Plan and location plan – As Existing	-
1455-101	Site Plan – As Proposed	-
1455-102	Elevations – As Proposed	-
1455-103	Transformer, Feeder Panel and Charger Elevations	-
1455-104	Site Render	-

We have also reviewed the Local Information Requirements from Barnsley Council Website and we are to provide the following document for Validations.

Document	Required	Comments
Flood Risk Assessment	Yes	See RIDA Report
Ecological assessment	Yes	See Eco Support Report
Noise impact assessment	Yes	See ENS Report
Tree Survey	Yes	See Woodsage

3.0 PLANNING HISTORY

The site functions as an existing operational Stagecoach depot. Previous Planning applications and works carried out are as follows:

Planning permission for erection of workshop for commercial and P.S.V. vehicles. Application B/79/0466/BA on **16/01/1991**

Planning permission for erection of extension to existing building and installation of new service facility. Application 2007/0936 on **17/05/2007**

Planning permission for erection of a 1.8m high timber acoustic fence and gate to depot. Application Number 2009/0667 on **18/05/2009**

Planning permission for raising a section of roof over garage bays 4 and 5 to match the height of the adjacent main roof to garage bays 1 to 3. Also replacing roof over garage bays 6 to 11, maintaining existing roofline. Application 2024/0565 on **25/06/2024**

4.0 SITE

The site functions as an operational Stagecoach depot, with a depot building located in the south-eastern portion of the site. The existing buildings comprise of a mix of office and workshop accommodation of two-storey construction. The site also contains existing bus washing facilities located in the middle of the site and a chassis wash located in the southwest of the site. There is a small accommodation and fuel tank located north of the site, with most of the current bus parking located to the north of the main depot building.

The site is located in a mainly existing residential area however closely surrounded by an industrial estate within Barnsley.

The site is located within Flood Zone 1 according to the Government's Flood Risk Map for planning.



5.0 AMOUNT OF DEVELOPMENT

The proposal is to provide ground-mounted chargers to house electric vehicles on the current site. Additionally, the proposal requires infrastructure to charge a full fleet of Electric Buses on the site which involves additional power supply to the site so that Ring Main Unit, Feeder Panel and Transformer be needed to convert the incoming power so that it can be used by Dual headed chargers located around the site for the full EV scheme, that can be seen detailed on drawing 1455 - 101.

6.0 DESIGN / LAYOUT

To provide the required electrification to the site additional GRP housing are required as detailed in drawing 1455-103. Below is a typical example of a green GRP substation housing.



Buses will still access the site via the existing entrance, travel around the depot in an anticlockwise direction and proceed through the relocated wash each night.

A number of ground-mounted chargers will be installed both on the perimeter and within the centre of the depot to charge the optimum charging layout.



7.0 APPEARANCE

The Overhead gantries are set back from the pedestrian walkway to reduce visual impact. The GRP buildings are also painted green to lessen their impact on the view from the pavement. Render of proposed works to take place on Site.



8.0 ECOLOGY

Please see the Woodsage and Eco Support reports – we strive to remove the least amount of ecology as possible, and we have placed most of the equipment on the existing hard standing areas. Where ecology is removed, we will replace it to suit the reports

9.0 ACCESS

The existing site access will still be used; buses and cars will still access the site in the north-western corner and travel around the site in a clockwise direction.