JANUS
Architecture

DESIGN AND ACCESS STATEMENT

Firstbus

First Bus Huddersfield Depot
Old Fieldhouse Ln,
Huddersfield
HD2 1AG

Issued 12.05.2026

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Revision:

Revision	Detail	Date

1.0 INTRODUCTION

This application is for the electrification of an existing diesel bus depot currently operated by FirstBus which will be part of the WYCA franchising process to provide up to 118 Fully electric buses on the site for use in the local area.

The proposed electrification of the depot involves the demolition of an existing fuelling canopy on site to provide more yard area.

The proposal also includes the installation of electrical infrastructure consisting of 3 Feeder panels. These will provide power across the site. The proposal indicates the construction of 10 No. overhead steel gantries with drop down reel chargers plus overhead steel structures that will transfer cable around the site.

The proposal also indicates 20 No. ground mounted Heliox Flex 250A chargers with further chargers provided inside the building. To provide power to the chargers around the site there are 38 No. ground mounted Heliox 180 power units. With further located inside the depot building. There will also be 2No. 400 KW chargers located in the car parking area that can be used for opportunity charging in the daytime.

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
1483-100	Existing Parking Plan	-
1483-101	Proposed 100% Parking Plan	-
1483-105	Elevations – As Existing	-
1483-106	Elevations – As Existing	-
1483-107	Elevations - As proposed - Gantries 1	-
1483-108	Elevations - As proposed - Gantries 2	-

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

Document	Required	Comments
Archaeological Field Evaluation	N/A	Not required
Flood Risk Assessment	Yes	Provided
Ecological Assessment	Yes	Provided
Arboricultural (tree) assessment	Yes	Provided
Transport statements, assessments, and interim travel plans	No	No change to transport – no more buses will be provided on site
Land contamination desk top studies and intrusive investigations	Yes	See Attached
Noise impact assessment	Yes	See Attached
Air quality assessment	No	Not required as proposal is to replace diesel buses with Electric Buses
Community Infrastructure Levy	Yes	See attached
Lighting Assessment	Yes	See Ridings Plan attached
Drainage assessment	No	No works to existing system

3.0 PLANNING HISTORY

Previous planning permission applications for this site include.

Planning permission for installation of electrical infrastructure - Application. 2026/62/90033/W On 16 March 2026

Planning permission for installation of 358 roof mounted solar panels - Application. 2023/CLASS J/90382/W On 03 April 2023

Planning permission for installation of 2.4m high fencing with automatic vehicular access and security-controlled pedestrian gate - Application. 2023/CLASS J/90382/W On 31 March 2008

4.0 SITE

This is currently an operational FirstBus depot with the main depot building situated in the centre of the site with majority of the bus parking located towards the western and eastern boundary of the site.



5.0 AMOUNT OF DEVELOPMENT

The proposal is to provide 10No. overhead gantries to provide electric charging for buses. The proposal also includes the installation of relevant electrical substations including 3No. Feeder Panel. PV panels will be installed on the roofs of the gantries to allow the suns power to be harvested to be used for EV charging.

6.0 DESIGN / LAYOUT

The existing site will continue to be used in a similar way to it is now. Buses will continue to enter the site without being backed up into the road via the entrance on old fieldhouse lane they will then be washed to the east of the site. There are adequate stacking zones so that buses will not back up on to the main road.

The chargers are mostly under overhead gantries that have drop down reels to provide clear access under with no trip hazards of floor mounted chargers. This area can then be used as an overflow car park for staff in the daytime.

7.0 APPEARANCE

The overhead steel gantries are to be painted grey in colour. An example of these is show below – these have been successfully used at multiple bus depots across the UK including successful Western Super Mare, Bristol, Basildon and Leicester.



The proposed Electrical substation GRP housing is to be Green in colour.



Below is an example of the ground mounted chargers to be used on site.



8.0 ECOLOGY

No works will affect the exiting ecology on the site – please see the more detail AIA and PEA for details

9.0 ACCESS

The site access remains the same all proposed construction is situated in a way such that there is ample room for buses to move around the site without stacking at the entrance, this provides constant access to the site.

Existing on site car parking will remain as currently provided on the site – a small dedicated car park will be provided – and once the buses are out on the road in the morning further car parking spaces will be provided for drivers and staff cars as denotes on the day time parking plan provided.