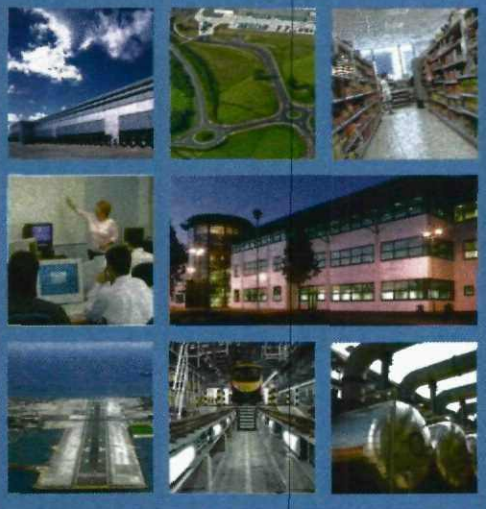
RPS Burks Green

Design and Access Statement

Prepared For
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1.0 Introduction

1.1 This application is for the addition of an energy centre to the northern elevation the existing warehouse.

2.0 Building Mass

2.1 The existing warehouse is approximately 250m long and 85m wide.

3.0 Building Layout

3.1 The proposed energy centre will be situated approximately 110m along the northern elevation from the north western corner of the existing warehouse. The proposed energy centre is approximately 22m long and 7.5m wide.

4.0 Scale

4.1 The scale of the proposed energy centre in comparison to the existing warehouse is small. This is due to the proposed energy centre being 22m long in an elevation of 110m long.

5.0 Landscaping

5.1 This is not relevant to this application.

6.0 Appearance

6.1 The appearance of the proposed energy centre will match the existing building, with the same colour of cladding to trim around and between the doors.

7.0 Noise

7.1 The proposed energy centre will contain plant and equipment, including compressors and condensers, which will generate noise.

7.2 A noise assessment report has been prepared separately and is submitted with this application under a separate cover.

8.0 External Lighting

8.1 It is not proposed to make any changes to the external lighting.

9.0 Vehicular Access

9.1 It is not proposed to make any changes to the vehicular access to the site. Access to the proposed energy centre will be provided by the existing on site vehicle route.

10.0 Travel Plan

10.1 This is not relevant to this application.

11.0 Pedestrian Access External

11.1 No changes to the existing external pedestrian access are envisaged.

12.0 Pedestrian Access Internal

12.1 No changes to the existing internal pedestrian access are envisaged.

13.0 Eco Strategy

13.1 The purpose of constructing the proposed energy centre is so that the existing refrigeration plant on site can be replaced. The existing system uses Refrigerant 22 (R22) which will be replaced with a primary NH3 (Ammonia) system, which will pump liquid ammonia to a series of evaporators in the temperature controlled areas.

13.2 Ammonia is an organic compound found in the environment which causes zero ozone depletion. By utilising ammonia as the primary refrigerant the coefficient on the system will be improved, resulting in a reduction in the power consumed.