



DESIGN AND ACCESS STATEMENT

INSTALLATION OF A GROUND SOURCE HEAT PUMP AT KEPAK GROUP
LTD, PENGARNDDU INDUSTRIAL ESTATE, DOWLAIS, MERTHYR
TYDFIL, CF48 2TA

Client

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1. INTRODUCTION

This report has been commissioned by Kepak Group Ltd of McIntosh Donald, Cookston Road, Portlethen, Aberdeen, AB12 4QB.

Section 42 of the Planning and Compulsory Purchase Act 2004 requires a Design and Access Statement to be submitted with the majority of planning applications. The purpose of this report is to satisfy the requirements of Section 42 of the aforementioned Act.

This report has been prepared to illustrate the process that has led to the development proposal and to explain and justify the proposal in a structured way.

This report has been prepared by Ian Pick. Ian Pick is a specialist Agricultural and Rural Planning Consultant. He holds a Bachelor of Science with Honours Degree in Rural Enterprise and Land Management and is a Professional Member of Royal Institution of Chartered Surveyors, being qualified in the Rural Practice Division of the Institution.

Ian Pick has 22 years experience in rural planning whilst employed by MAFF, ADAS, Acorus and most recently Ian Pick Associates Limited.

2. PROPOSED DEVELOPMENT

This application seeks full planning consent for the installation of a 6.2MW ground source heat pump and associated boreholes.

3. USE

The ground source heat pumps will provide a renewable energy heating system for the factory unit.

4. LAYOUT

The layout of the development is shown on the attached site plan (drawing No. IP/KG/02). The layout includes the siting of steel containers to house the heat pumps, together with an area for 40 No. 100m deep boreholes.

5. SCALE

The scale of the development extends to 4 No. steel containers covering 93 sq m and an area for boreholes extending to 225 sq m. The total area of the development is 0.032 hectares.

6. LANDSCAPING

The proposal relates to the installation of a renewable energy heating system and most of the development is underground. The shipping containers are sited adjacent to existing structures. The proposals have a negligible impact on the landscape.

7. APPEARANCE

The heat pumps will be housed within standard shipping containers.

8. VEHICULAR ACCESS & TRANSPORT LINKS

The system has no requirement for any fuel deliveries and will therefore pose no impact on the local highway network.

Ian Pick

April 2020.