AGRICULTURAL LAND CLASSIFICATION

Flixborough Wharf
Scunthorpe
Proposed Industrial and Wharf Development

Leeds Regional Office

2FCS 4481
July 1989

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CONTENTS

MAP

1.   AGRICULTURAL LAND CLASSIFICATION

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AGRICULTURAL LAND CLASSIFICATION REPORT ON LAND
AT FLIXBOROUGH WHARF, SCUNTHORPE

Introduction

The site is located at Grid Reference SE 855150 adjoining the
River Trent at Flixborough about 5 km north west of Scunthorpe town
centre. It covers an area of approximately 3.7 ha almost all of which
is in agricultural use.

Survey work was carried out in June 1989 when soils were examined by
hand auger borings at points predetermined by the National Grid at a
density of about 2 borings per hectare.

Land Use

All of the agricultural land is in arable use.

Climate and Relief

Mean annual rainfall is approximately 620 mm.

Accumulated temperature (above $0^{o}C$) between January and June is 1408
day ^{o}C and the field capacity period is 136 days. There are thus no
overall climatic restrictions on land use.

The site is level at an altitude of about 5 m a.o.d.

Geology, Soils and Drainage

Soils over the whole site are formed on heavy to medium textured silty
estuarine alluvium (warp). Topsoils consist of heavy or medium silty
clay loam over calcareous slightly mottled silty clay loam, silt loam
or, occasionally, sandy silt loam subsoils.

There are no slowly permeable horizons in the soils which are
predominantly moderately well drained and fall within Wetness Classes I
and II.

1

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AGRICULTURAL LAND CLASSIFICATION

Grade 2 (3.5 ha, 95% of site)

All of the arable land falls within this grade. The only limitation on ALC grade is the heavy and medium topsoil textures which will give slight workability problems in early spring.

Non agricultural (0.2 ha, 5% of site)

This consists of a narrow strip of uncultivated land around part of the southern edge of the site.

RPG Leeds
July 1989

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MAP

3

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