

Appendix 10

Historical Site Investigations

(Thorburn Colquhoun, Plot 2100, Plot 1300 and Plot 1400, dated 1997)

ARLINGTON PROPERTY DEVELOPMENTS LIMITED

GLASGOW BUSINESS PARK, SPRINGHILL

FACTUAL SITE INVESTIGATION REPORT

PLOT 2100

**THORBURN COLQUHOUN
243 WEST GEORGE STREET
GLASGOW
G2 4QE**

**GLASGOW BUSINESS PARK - SPRINGHILL
COMPLETION REPORT ON BULK EARTHWORK PLATFORMING WORKS AS OF 31/5/98**

PLOT 2100

1. A cut and fill bulk earthworks exercise has been carried out at Glasgow Business Park, Springhill. In order to provide building platforms for development, selected excavated materials were reused to upfill lower lying areas to achieve suitable platform levels. A vegetation and topsoil strip was carried out prior to the earthworks commencing. The upfilling was carried out in layers and compacted in accordance with Table 6/4 of the Department of Transport Specification for Highway Works. It should be noted that during prolonged inclement weather, the upfilling operations were not possible. On-site testing was carried out on completion of the earthworks.
2. For Plot 2100, approximately 60% of the platform area was achieved by excavation (in the south) and approximately 40% was achieved by upfilling. The platform area was upfilled generally by less than 2.00 metres, but was locally up to a maximum of 3.50 metres.
3. The underlying soils consist of glacial till and glacial sands and gravels and the bulk earthworks infill materials comprise site won glacial till and sands and gravels. It is considered but not guaranteed that for preliminary design purposes an allowable bearing pressure of 75 kN/m² could be adopted. However, it is recommended that further site investigation is carried out as there may be areas where a bearing capacity of less than 75 kN/m² would be applicable.
4. Test results indicate CBR values were >5%.
5. This report relates to the condition of the plot on completion of the platforming works. Given the nature of the materials it can be expected that weathering may have caused the condition of the exposed surface materials to have deteriorated since completion of these works. In addition subsequent ditching, drainage and soiling may have been carried out.
6. For detailed design purposes further specific site investigation works may be required.
7. Reference should be made to Drawing No. 9635/130C which details constraints which may influence development of the plot.
8. The original site investigation information specific to Plot 2100 is enclosed together with earthworks test results carried out during and on completion of the works. Notwithstanding, this information should be read in conjunction with the Factual Site Investigation Report prepared for the Glasgow Business Park held by Arlington.
9. The plot can be considered free from contamination.
10. The mineral stability of the plot is considered satisfactory.

ARLINGTON PROPERTY DEVELOPMENTS LIMITED

GLASGOW BUSINESS PARK, SPRINGHILL

FACTUAL SITE INVESTIGATION REPORT

PLOT 1300

**THORBURN COLQUHOUN
243 WEST GEORGE STREET
GLASGOW
G2 4QE**

GLASGOW BUSINESS PARK - SPRINGHILL**COMPLETION REPORT ON BULK EARTHWORK PLATFORMING WORKS AS OF 31/5/98****PLOT 1300**

1. A cut and fill bulk earthworks exercise has been carried out at Glasgow Business Park, Springhill. In order to provide building platforms for development, selected excavated materials were reused to upfill lower lying areas to achieve suitable platform levels. A vegetation and topsoil strip was carried out prior to the earthworks commencing. The upfilling was carried out in layers and compacted in accordance with Table 6/4 of the Department of Transport Specification for Highway Works. It should be noted that during prolonged inclement weather, the upfilling operations were not possible. On-site testing was carried out during and on completion of the earthworks.
2. For Plot 1300, approximately 80% of the platform area was achieved by excavation and approximately 20% was achieved by upfilling (in the southeast). The platform area was upfilled generally by <1.50 metres.
3. The underlying soils consist of glacial till and glacial sands and gravels and the bulk earthworks infill materials comprise site won glacial till and sands and gravels. It is considered but not guaranteed that for preliminary design purposes an allowable bearing pressure of 75 kN/m² could be adopted. However, it is recommended that further site investigation is carried out as there may be areas where a bearing capacity of less than 75 kN/m² would be applicable.
4. Test results indicate that the compaction achieved was >95% of maximum dry density and CBR values were >5%.
5. This report relates to the condition of the plot on completion of the platforming works. Given the nature of the materials it can be expected that weathering may have caused the condition of the exposed surface materials to have deteriorated since completion of these works. In addition subsequent ditching, drainage and soiling may have been carried out.
6. For detailed design purposes further specific site investigation works may be required.
7. A mine shaft exists within the plot boundaries which will require to be recognised in development proposals. Details of information provided by third parties and investigations subsequently carried out are enclosed.
8. Following completion of the earthworks a stockpile of material remains in the centre of the site.
9. Reference should be made to Drawing No. 9635/130C which details constraints which may influence development of the plot.
10. The original site investigation information specific to Plot 1300 is enclosed together with earthworks test results carried out during and on completion of the works. Notwithstanding, this information should be read in conjunction with the Factual Site Investigation Report prepared for the Glasgow Business Park and held by Arlington.
11. The plot can be considered free from contamination.
12. The mineral stability of the plot is considered satisfactory.

ARLINGTON PROPERTY DEVELOPMENTS LIMITED

GLASGOW BUSINESS PARK, SPRINGHILL

FACTUAL SITE INVESTIGATION REPORT

PLOT 1400

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243 WEST GEORGE STREET
GLASGOW
G2 4QE**