



Geotechnical Desk Study: Preliminary Report

Director: [REDACTED]

E108(6)
Physical and Economic
Regeneration
Glasgow City Council
20 Trongate
Glasgow G1 5EY
Phone: 0141 287 8555
Fax: 0141 287 8444

1 PROJECT & DESK STUDY BRIEF

Project No.: [REDACTED]

Project: WESTTHORN RECREATION GROUND - DEVELOPMENT POTENTIAL

Site: Westthorn Recreation Ground, London Road

Source: PER Development Section

Purpose: To provide preliminary advice on relevant geotechnical issues for the project and site given

Scope: Preliminary desk study based entirely on information held in PER Geodatabank

Applicability: Prepared for the purpose given; not applicable in any other context. Refer any changes relating to the site or project to PER Geotechnical Group for reassessment

2 GENERAL GROUND CONDITIONS

Present Topography: Site not visited. Maps indicate that the site lies is fairly level at an altitude of at least 15m but with a steep slope down to the bank of the River Clyde at an altitude of about 6m

Superficial Deposits: Boreholes from earlier investigations indicate: Made Ground 0-2m over Alluvial Clays and Silts 20m over Alluvial Sands 0-5m over Glacial Till (Boulder Clay) 0-5m

Rockhead Depth: 25-30m

Groundwater: No reliable information

Water Courses: River Clyde forms southern site boundary. Historical maps indicate presence of a spring close to the river bank

Services: No information at this stage

3 MINING POSITION

Shallow Mining: Recorded and unrecorded shallow mining in 3 coal seams

Mine Entries: Pitshaft recorded at NE boundary; no information on accurate location or condition

4 CONTAMINATION POTENTIAL

Former Land Use: c.1860 undeveloped open ground, wooded along river bank; 1896 waterworks with pumping station and reservoirs; 1946 waterworks disused; 1955 recreation ground

Imported Fill: Possible infill to reservoirs to form running track; no direct evidence

5 CONCLUSIONS

Mineral Stability: Potentially unstable. Some forms of development may only require appropriate design precautions; settlement-sensitive structures may require consolidation of

the mineworkings.

Foundations: Normal shallow spread foundations are likely to be appropriate for lightweight forms of development but the precise form may be dictated by mining considerations.
For heavyweight and settlement-sensitive structures, piling may be necessary.

Contamination: No direct evidence, but possible in the infill to the former reservoirs.

6 RECOMMENDATIONS

Further investigation is essential prior to any development on the site.

DATE	ISSUE	AUTHOR	CHECKED	APPROVED
09/12/98	01	[REDACTED]	[REDACTED]	[REDACTED]

GDB REF
E108



Glasgow City Council
Building Services

Design & Project Management
20 Trongate, Glasgow G1 5EY

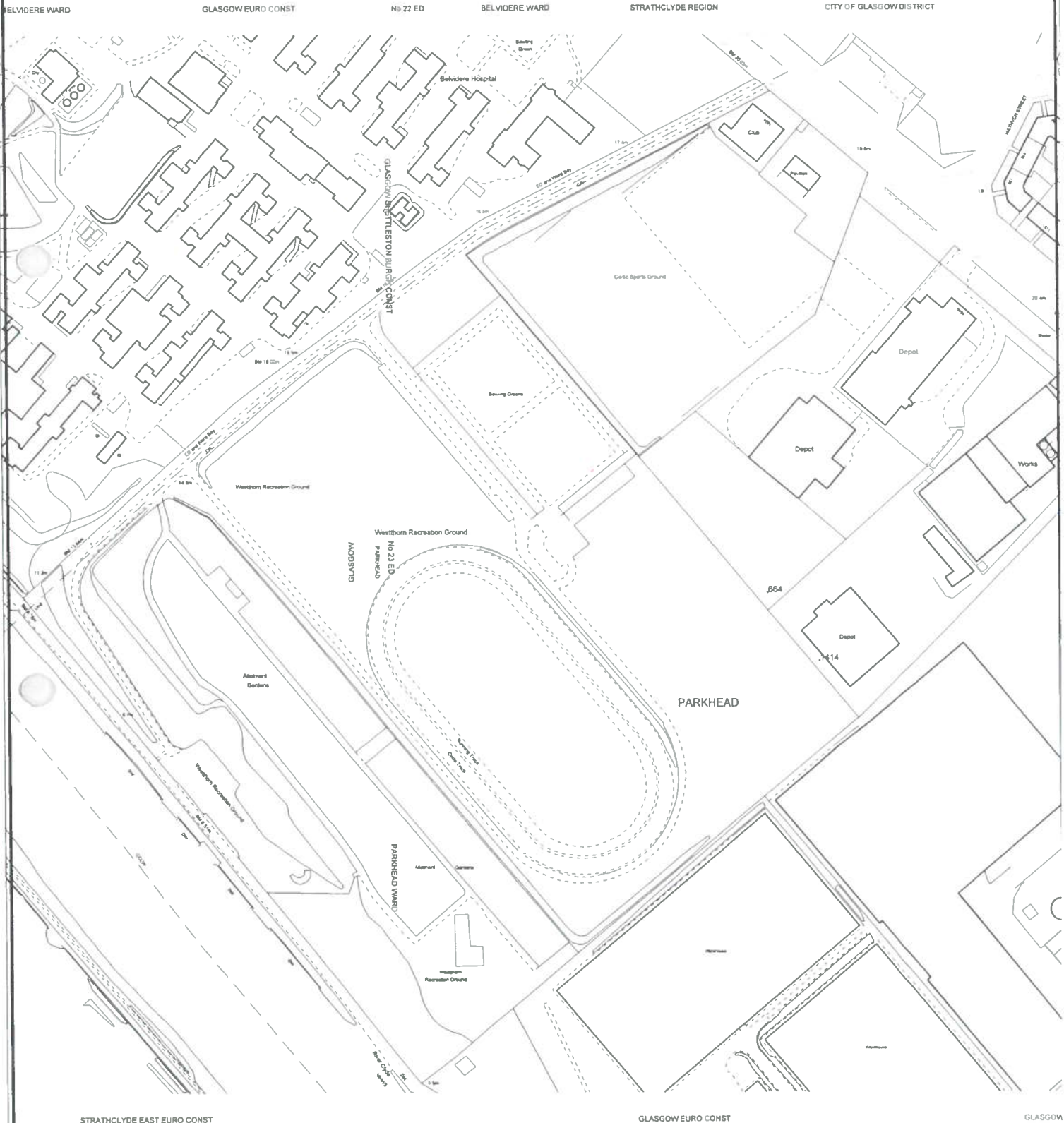
Glasgow

Tel: 0141 287 8555 Fax: 0141 287 8444
Director: [REDACTED]

JOB
WESTTHORN RECREATION GROUND

TITLE
PITSHAFT RECORD LOCATIONS

JOB	DRGNO	1
DRAWN	PM	APPROVED
SCALE	1:2500	DATE DEC 98
CAD FILE [REDACTED]		
PLOTTED BY pcuser ON 8-DEC-1998 AT 16:26		
DO NOT SCALE : WORK TO FIGURED DIMENSIONS ONLY		



STRATHCLYDE EAST EURO CONST

GLASGOW EURO CONST

GLASGOW