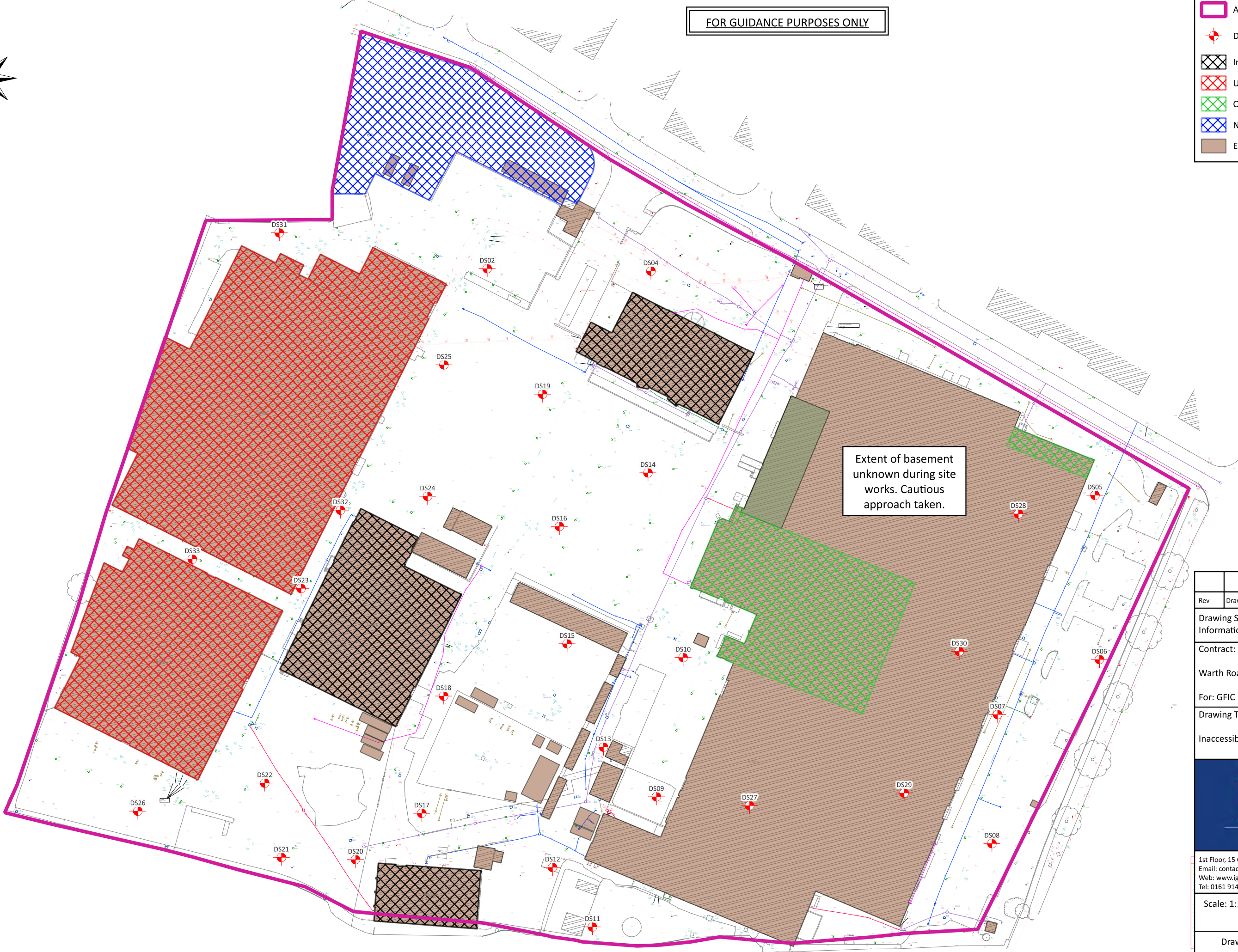


FOR GUIDANCE PURPOSES ONLY

- Approximate Site Boundary
- Dynamic Sample Boreholes
- Inaccessible Buildings
- Unsafe Buildings
- Office Areas - Inaccessible
- No sustained access possible
- Existing Buildings



Rev	Drawn	Date	Description
Drawing Status: Information			
Contract:			
Warth Road, Bury			
For: GFIC Properties Ltd			
Drawing Title:			
Inaccessible Areas Plan			
IGE consulting			
1st Floor, 15 Oxford Court, Manchester, M2 3WQ Email: contact@igeconsulting.co.uk Web: www.igeconsulting.co.uk Tel: 0161 914 9170			
Scale: 1:1000 @A3		Date: Sept 2023	
Drawn: JH		Checked: AE	
Contract No.		Drawing No.	
3972		SI-10	P1

0 20 40 60 80 100 m





FOR GUIDANCE PURPOSES ONLY

Approximate Site Boundary

Surface Water Sampling Locations

Groundwater Testing

400 Groundwater Testing Total BTEX Compounds (µg/l)

400 Groundwater Testing Total VOCs (µg/l)

400 Groundwater Testing Total TPH (µg/l)

RTW Outfalls

Present Prior to 2020-2021 RTW Installation

Added with 2020-2021 RTW Installation

Present Prior to 2020-2021 RTW Installation (<225mm diam w headwall)

Present Prior to 2020-2021 RTW Installation (>225mm diam w headwall)

Groundwater Levels AOD

67.50 - 67.75

67.75 - 68.00

68.00 - 68.25

68.25 - 68.50

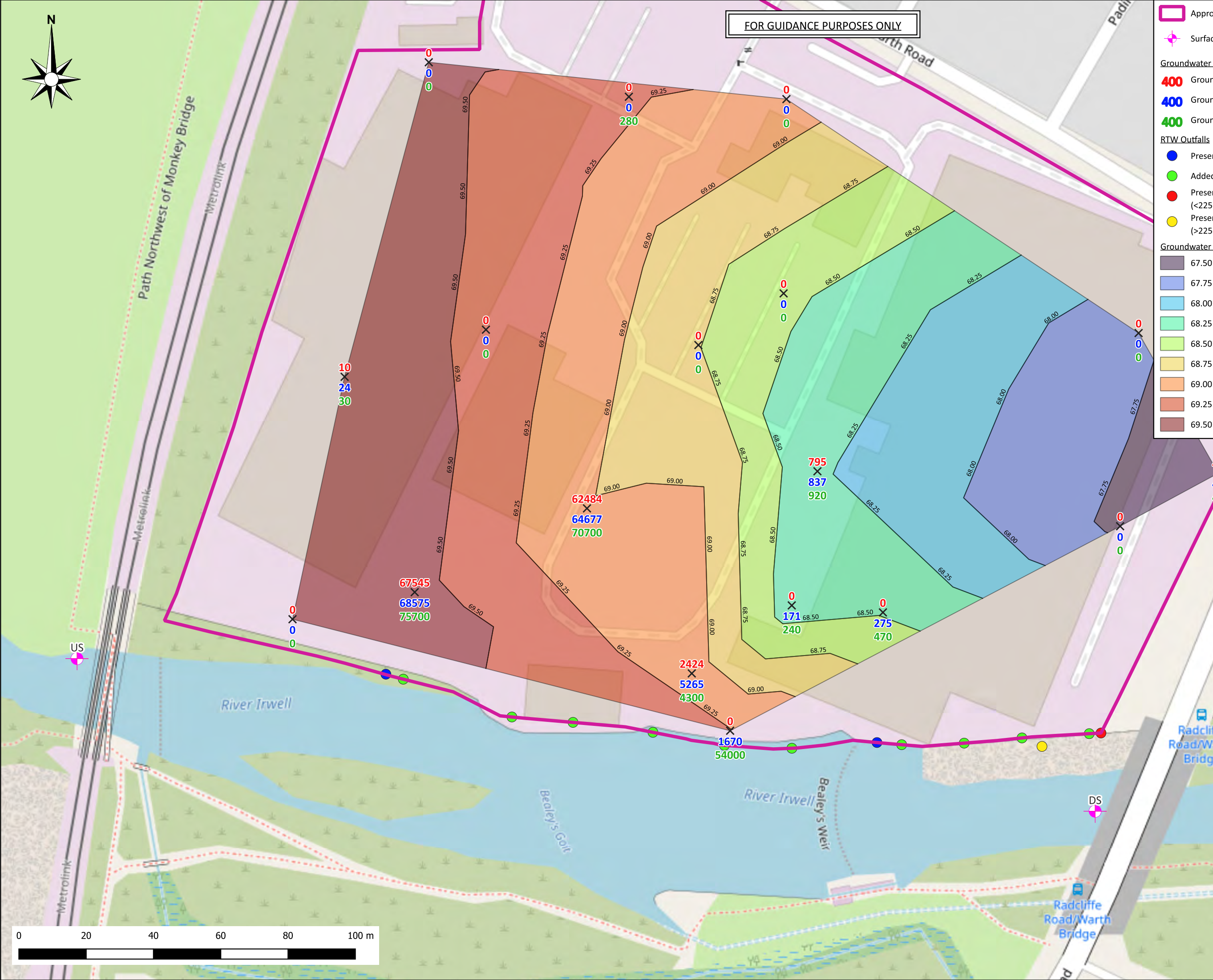
68.50 - 68.75

68.75 - 69.00

69.00 - 69.25

69.25 - 69.50

69.50 - 69.75



Rev	Drawn	Date	Description
Drawing Status: Information			
Contract: Warth Road, Bury			
For: GFIC Properties Ltd			
Drawing Title: Retaining Wall Outfalls and Surface Water Sampling Location Plan			
IGE consulting 1st Floor, 15 Oxford Court, Manchester, M2 3WQ Email: contact@igeconsulting.co.uk Web: www.igeconsulting.co.uk Tel: 0161 914 9170			
Scale: 1:1000 @A3		Date: Sept 2023	
Drawn: JH		Checked: AE	
Contract No. 3972		Drawing No. SI-12	P1

Notes

- 1 This drawings is abstract and not to scloe.
- 2 This drawing is to be read in conjunction with all relevant Architects and Service Engineers drawings.

Key

- Made Ground
- Alluvium
- River Terrace Deposits
- Glacial Till
- Pennine Lower Coal Measures
- Wigan Four Foot Coal Seam

Receptors

1. End user
2. Construction workers
3. General public / adjacent site users
4. Secondary A Aquifer (superficial deposits)
5. Secondary A Aquifer (unknown depth, rockhead anticipated at c. 20-30m bgl)
6. Buildings and services
7. River Irwell

SOURCES

Sources

1. On site Made Ground
2. On site Warth Mills (1890-present. Paint and varnish factory 1957-2004)
3. On site infilled resevoir (infilled 1977)
4. On site historical tanks and buildings (1957-2005)
5. Off site historical woolen / textile mill (1850-1910, 100m N)

Secondary Sources

6. Pooling beneath future foundations
7. Pooling in relative low points above low permeability deposits
8. Pooling within granular lenses within low permeability deposits

Ground Gas Sources

1. On site Made Ground
2. On site volatile contamination
3. On site infilled resevoir (infilled 1977)
4. Off site refuse tip, suspected infilled (1956 - unknown, 150m NW)
5. On site coal seam subcrop and deep workings

PATHWAYS

Pathways To Human Health

1. Dermal contact
2. Inhalation of soil dust and vapours

Pathways To Controlled Waters

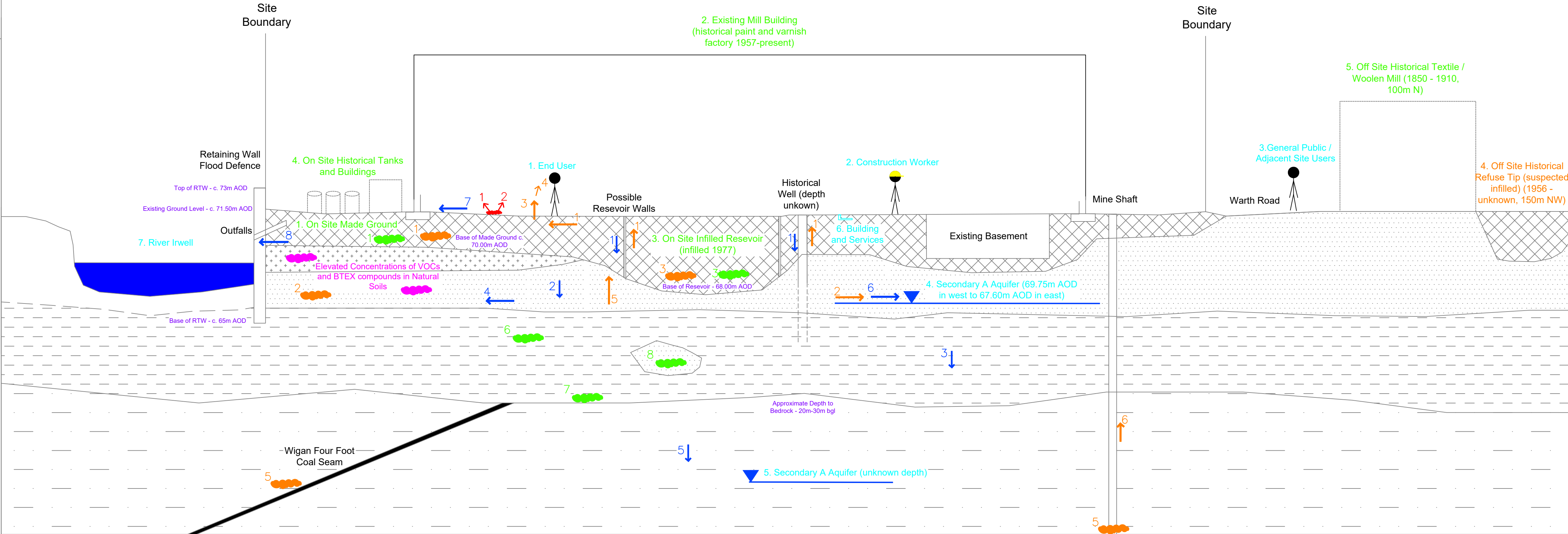
1. Vertical migration along current foundations
2. Vertical migration through coarse natural deposits (River Terrace Deposits)
3. Negligible infiltration through low permeability natural fine deposits (Glacial Till)
4. Lateral migration Along low-permeability natural fine deposits (Glacial Till)
5. Migration through fractures and fissures in bedrock
6. Migration along groundwater flow
7. Overland flow
8. Flow through retaining wall outfalls

Ground Gas Pathways

1. Preferential migration beneath hardstanding, along foundations, service ducts and trenches
2. dissolved gases within groundwater
3. Ingress through wall cavities / floors and subsequent accumulation
4. Inhalation of ground gas and vapours
5. Vertical migration through granular deposits
6. Vertical migration up mine shaft

SOUTH

NORTH



Rev	Drawn	Date	Description
Drawing Status			
INFORMATION			
Contract			
WARTH ROAD, BURY			
FOR: GFIC PROPERTIES LTD			
Drawing Title			
CONCEPTUAL SITE MODEL DIAGRAM			
IGE consulting			
1st Floor, 18 Oxford Court, Manchester, M2 3WQ email: contact@igeconsulting.co.uk web: www.igeconsulting.co.uk tel: 0161 914 9170			
Scale	NTS	Date	SEPT 2023
Drawn	JH	Checked	AE
Contract No.	3972	Drawing No.	SI-13 P1

APPENDIX 3

DYNAMIC SAMPLE BOREHOLE LOGS AND PHOTOGRAPHS

