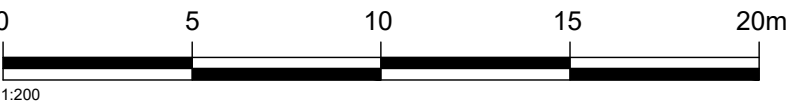


APPENDIX 2

FIGURES AND DRAWINGS



A circle with a vertical line segment from the top center to the bottom edge. At the bottom center, there is a small arc labeled 'N'.

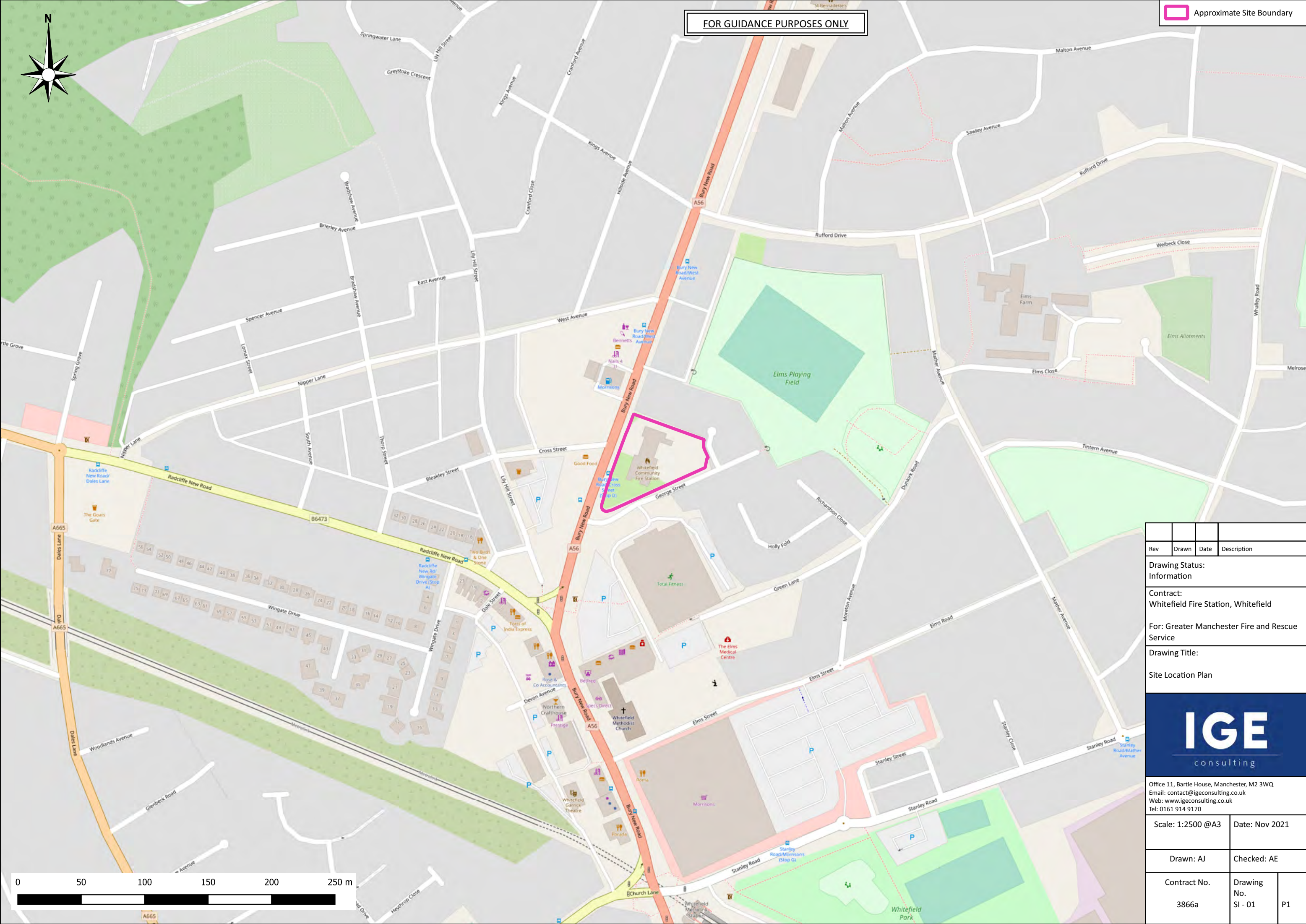
B G
& H

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21 Silverwell Street
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Bradshaw Gass & Hope LLP

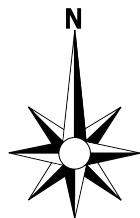
client			
GREATER MANCHESTER COMBINED AUTHORITY			
project			
NEW FIRE STATIONS FEASIBILITY STUDIES			
drawing			
WHITEFIELD FIRE STATION PROPOSED SITE PLAN			
drawn by		ST	date
			JUN 22
checked by		date	
scale		1:200	A1
dwg no		1978.35.4203	rev
			P3



FOR GUIDANCE PURPOSES ONLY

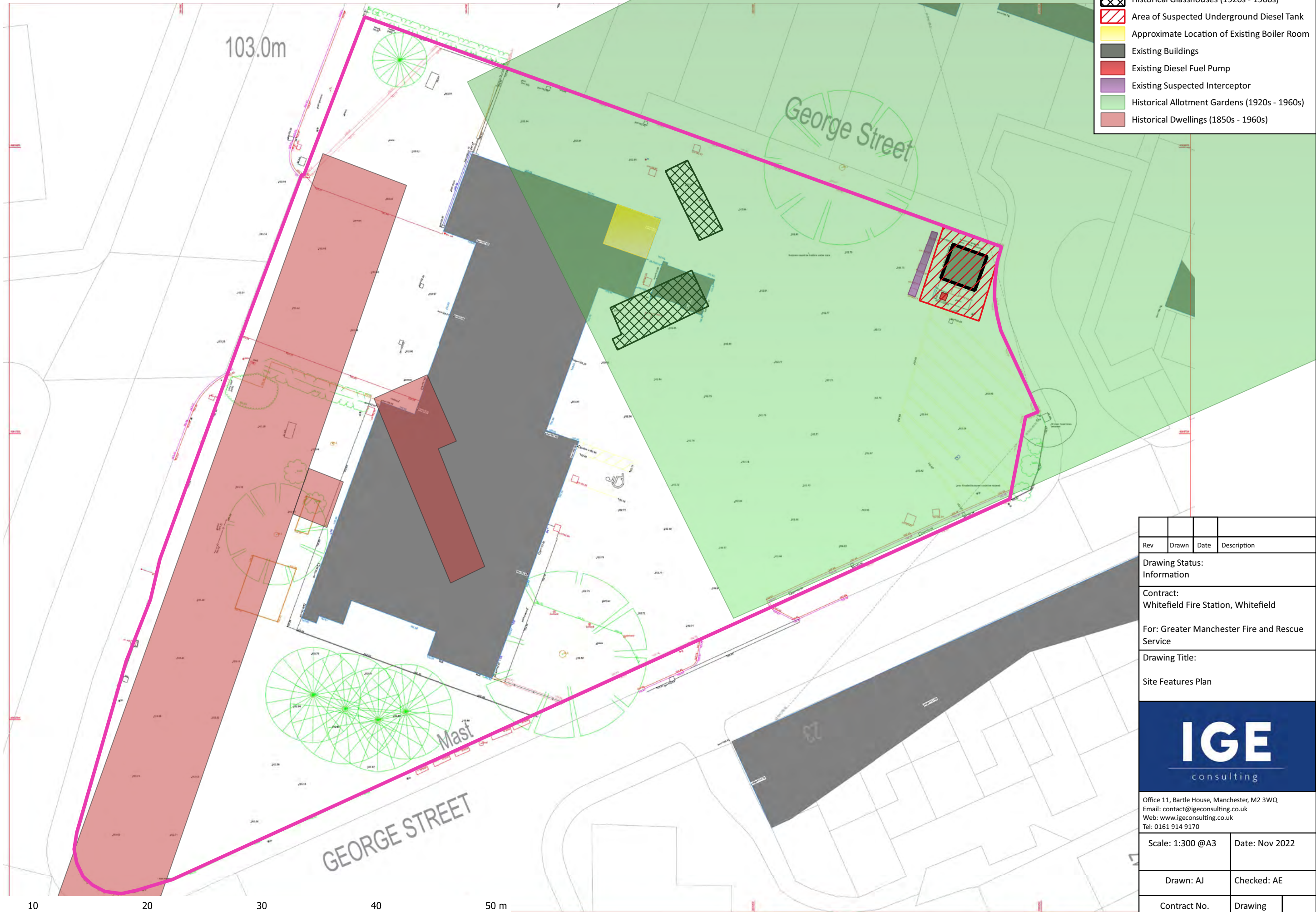
Approximate Site Boundary

Rev	Drawn	Date	Description
Drawing Status: Information			
Contract: Whitefield Fire Station, Whitefield			
For: Greater Manchester Fire and Rescue Service			
Drawing Title: Site Location Plan			
			
Office 11, Bartle House, Manchester, M2 3WQ Email: contact@igeconsulting.co.uk Web: www.igeconsulting.co.uk Tel: 0161 914 9170			
Scale: 1:2500 @A3		Date: Nov 2021	
Drawn: AJ		Checked: AE	
Contract No. 3866a		Drawing No. SI - 01	P1



FOR GUIDANCE PURPOSES ONLY

- Approximate Site Boundary
- Existing Petroleum Spirit and Adblue Storage
- Historical Glasshouses (1920s - 1960s)
- Area of Suspected Underground Diesel Tank
- Approximate Location of Existing Boiler Room
- Existing Buildings
- Existing Diesel Fuel Pump
- Existing Suspected Interceptor
- Historical Allotment Gardens (1920s - 1960s)
- Historical Dwellings (1850s - 1960s)



Rev	Drawn	Date	Description
Drawing Status: Information			
Contract: Whitefield Fire Station, Whitefield			
For: Greater Manchester Fire and Rescue Service			
Drawing Title: Site Features Plan			
Office 11, Bartle House, Manchester, M2 3WQ Email: contact@igeconsulting.co.uk Web: www.igeconsulting.co.uk Tel: 0161 914 9170			
Scale: 1:300 @A3		Date: Nov 2022	
Drawn: AJ		Checked: AE	
Contract No. 3866a		Drawing No. SI - 03	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

- Proposed Development
- Made Ground
- Glaciofluvial Deposits
- Glacial Till
- Bedrock

SOURCES

Sources

1. On-Site Made Ground

2. On-Site Fire Station (Including Tanks, Boiler Room and Chemical Storage)

3. Historical Site Ues - Allotment Gardens (Herbicides and Pesticides)

4. Existin and Historical Off-Site Industrial uses (Mills, Works and Factories)

Secondary Sources

5. Pooling Beneath Current and / or Future Foundations

6. Pooling in Relative Low Points Above Low Permeability Deposits

7. Pooling within Granular Lenses within Low Permeability Deposits

Ground Gas Sources

1. On-Site Made Ground

2. Off-Site Infilled Reservoirs (30m - 70m S/SE, 1940s - 1960s/1970s)

PATHWAYS

Pathways To Human Health

1. Dermal Contact

2. Inhalation of Soil Dust and Vapours

3. Ingestion of Soil Directly

Pathways To Controlled Waters

1. Vertical Migration Along Current and Future Foundations

2. Vertical Migration Through Granular Made Ground, Granular Natural Deposits and Granular Lenses Within Natural Cohesive Deposits

3. Negligible Infiltration Through Low Permeability Natural Deposits

4. Lateral Migration Along Low-Permeability Natural Deposits

5. Migration Through Fractures and Fissures in Bedrock

6. Migration Along Groundwater Flow

7. Overland Flow

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

RECEPTORS

Receptors

1. End User

2. Construction Workers

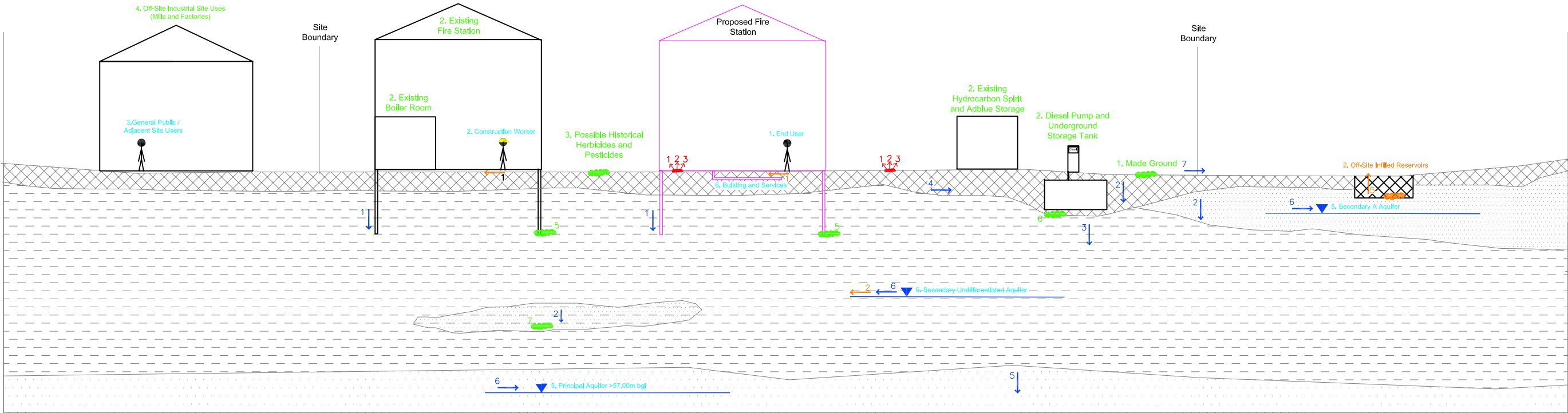
3. General Public / Adjacent Site Users

4. Secondary A Aquifer in Glacioflucial Deposits and Secondary Undifferentiated Aquifer in Glacial Till (Unknown Depth)

5. Principal Awuifer in Bedrock (>57m bgl)

6. Buildings and Services

The nearest surface water feature is located c. 710m of the site (River Irwell) therefore is not shown as no feasible contaainaitve linkages identified



Rev	Drawn	Date	Description
Drawing Status			
INFORMATION			
Contract			
WHITEFIELD FIRE STATION, WHITEFIELD			
FOR: GREATER MANCHESTER FIRE AND RESCUE SERVICE			
Drawing Title			
CONCEPTUAL SITE MODEL DIAGRAM			
Office 11, Barile House, Manchester, M2 3WQ email: contact@igeconsulting.co.uk web: www.igeconsulting.co.uk tel: 0161 914 9170			
Scale		Date	
NTS		NOV 2022	
Drawn		Checked	
AJ		AE	
Contract No.		Drawing No.	
3866a		SI-04 P1	