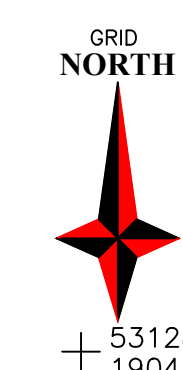
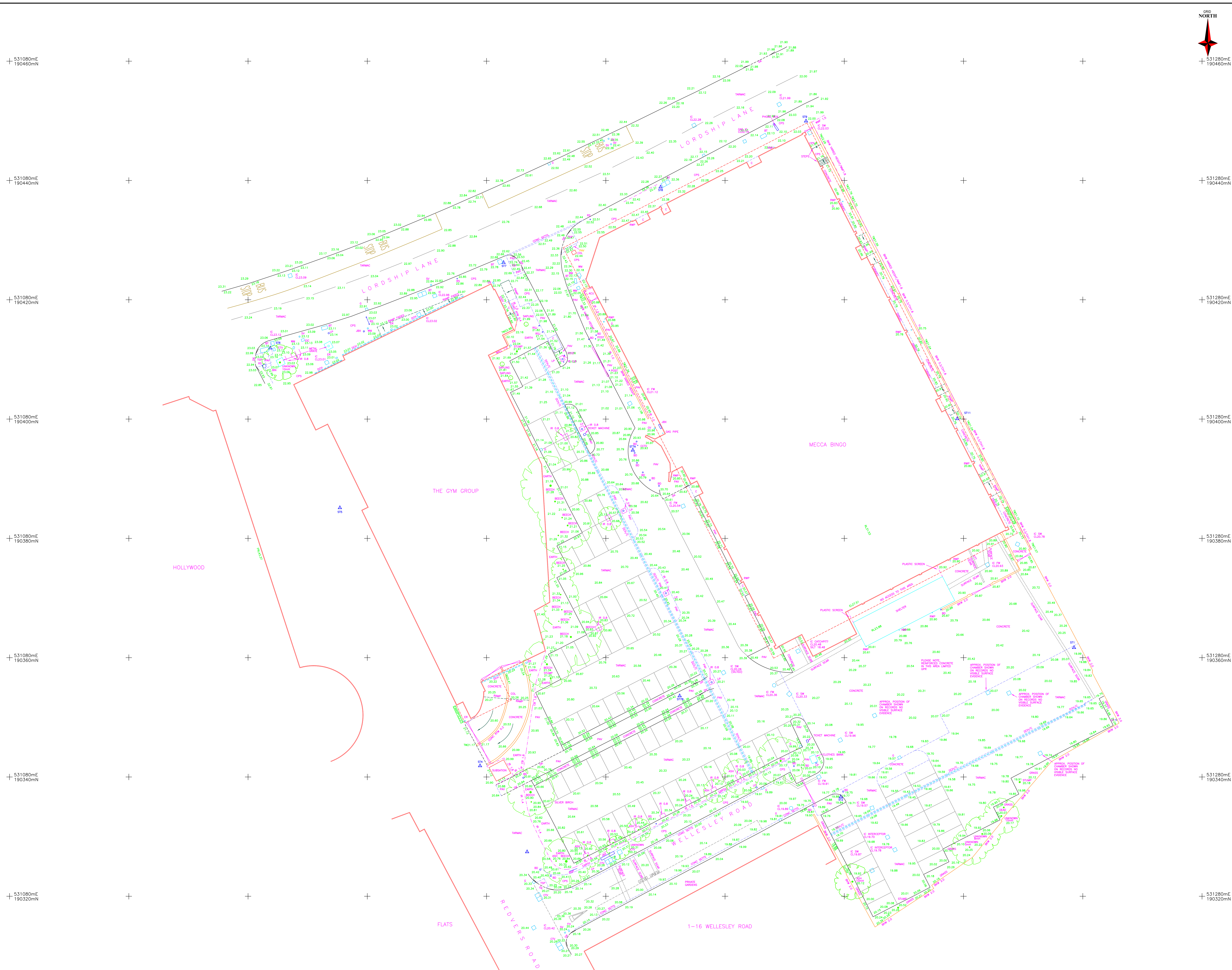


APPENDIX C – TOPOGRAPHICAL SURVEY



GRID
NORTH



+ 531280mE
190460mN

Original Drawing Size: A0

NOTES:

The accuracy and content of the drawing is commensurate with the graphical scale of the map and the original specification. The drawing should only be used for its original intended purpose.

Drainage pipe sizes (where shown) have been gauged from the surface for safety reasons and should be regarded as approximate only. Unless indicated otherwise connections between inspection covers are shown as standard.

Tree species (where shown) are indicative, if crucial expert identification by an arborist is advised.

Boundary features may not represent the extent of legal ownership.

Please note that not all buried pipes, cables and ducts can be detected and mapped in the course of their depth, location, material type, geology and position to other features. Even an appropriately and professionally arranged survey may not be able to detect all buried features. The drawing is not intended to be used for other than project requirements. It is strongly recommended that a PAS128 Quality Level 1 verification is carried out.

[illegible]

Control: All levels and co-ordinates are related to the datums described.

This survey has been carried out in PAC 128 Detection Method M2. M2: M2 search transects at 2m intervals and 2m for GPS.

Utility Degrader:-
 Depths obtained by DPL are to the centre of the utility
 Depths obtained by DPL are to the top of the utility
 All depths are given in metres and rounded to 1 decimal place
 Utility Confidence Level:-
 (51) Horizontal and vertical position verified (50m)
 (52) Horizontal (120mm) Vertical (20mm)
 (53) Horizontal and vertical position detected by multiple methods
 (54) Horizontal accuracy: 150mm Vertical accuracy: 20mm
 (55) Horizontal and vertical position detected by a single method
 (56) Horizontal accuracy: 250mm Vertical accuracy: 20mm
 (57) Horizontal position detected by a single method
 (58) Vertical position detected by a single method
 (59) Horizontal position detected by a single method (uncertified)
 (60) A utility segment which is suspected to exist but has not been
 detected is therefore marked as a suspected utility
 (61) Routes transcribed from utility asset plans and confirmed to visual
 indications and surface features (uncertified)
 (62) Routes transcribed from utility asset plans and confirmed to

	Station	Schedule	
Station	Eastbound	Northbound	Type
	531268.500	190361.692	20.089
	531219.415	190338.194	19.887
	531166.803	190327.445	20.804
	531158.611	190334.194	20.804
	531155.460	190385.131	22.267
	531233.726	190441.908	23.381
	531162.851	190426.239	22.768
7A	531184.534	190394.775	20.093
7B	531162.851	190353.194	20.768
	531169.135	190436.896	22.366
	531162.851	190446.194	22.366
11	53128.533	190400.052	20.798

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Rev.	Job	No.	Date	Revision	Detail			Surveyor	Check

Atri7 2 Limited 1st Floor Spitalfields House Stirling Way Borehamwood WD6 2FX	CLIENT
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PROJECT
Topographic & Buried Utilities Survey.
707-725 Lordship Lane
Wood Green
London
N22 5JY

Job No. 21068	Surveyor AK/NW	Checked DH	Date March 2023	Scale 1:200
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163-165 Ranelagh Road, Ipswich, Suffolk IP2 4NH
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Email | admin@edjsurveys.co.uk
Our Services – Topographic Surveys, Measured Building Surveys, GPS
Surveying and Control, 3D Laser Scanning, UAV Surveys, Utility
Surveying and CCTV Drainage Investigation.
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www.edjsurveys.co.uk

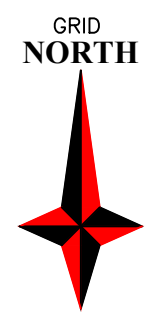
  

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**THE SURVEY
ASSOCIATION**

UKAS
ISO 9001
REGISTERED FIRM

DRAWING No.	21068/T/01-01	REV.	-
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+ 531280mE
190460mN

Original Drawing Size: A0

NOTES:-

The accuracy and content of the drawing is commensurate with the graphical scale of mapping and the original specification. The drawing should only be used for its original intended purpose.

Drainage pipe sizes (where shown) have been gauged from the surface for safety reasons and should be regarded as approximate only. Unless indicated otherwise connections between inspection covers are shown as direct.

Tree species (where shown) are indicative, if crucial expert identification by an arborist is advised.

Boundary features may not represent the extent of legal ownership.

Please note that not all buried pipes, cables and ducts can be detected and mapped in consideration of their depth, location, material type, geology and proximity to other utilities. Even an appropriate and professionally executed survey may not be able to achieve a 100% detection rate. Where an area of utilities is likely to affect client project requirements, it is strongly recommended that a PAS128 Quality Level A verification survey is carried out.

[illegible]

Building
Overhead Building Detail
Wet
Tree
Kiosk/Driv. Kiosk
Litterbox
CATV Cables
Electric Lines
Gas Pipes
Service Ducts
Traffic Control
Unidentified CTR
Unidentified DM
Unidentified DM
Overhead Lines
Taken from Records

Survey Station
Fence
Gate
Planned Road Markings
Edge of Vegetation
Banks
CCTV Cables
Fibre Optic
Fibre Optic
Heating duct
Storm water drain
Telecom cable
Unidentified DM
Unidentified DM
Unidentified DM
EDT
EDT
Unidentified DM
No Pipe Values
Pipe Diameter/Flow

Control: All levels and co-ordinates are related to the datum described.

Station Schedule				
Station	East	North	Length	Type
1	531258.550	501361.692	20.089	Hgt: Nati
2	531219.415	501336.388	20.137	Hgt: Nati
3	531166.803	501327.445	20.604	Hgt: Nati
4	531158.911	501341.867	20.944	Hgt: Nati
5	531135.460	501385.131	22.297	Hgt: Nati
6	531123.726	501411.808	23.159	Hgt: Nati
7	531162.851	501426.239	22.768	Hgt: Nati
7A	531184.654	501394.775	20.893	Hgt: Nati
7B	531192.387	501353.589	20.437	Hgt: Nati
8	531189.193	501438.896	22.695	Hgt: Nati
9	531213.580	501449.954	22.020	Hgt: Nati
11	531258.933	501400.052	20.798	Hgt: Nati

This survey has been carried out to PAC 128 Detection Method M2: EMi
search transects at 5m intervals and 2m for GPR.

Utility Depth:

- (01) Depth obtained by EMi are to the centre of the utility
- (02) Depths obtained by GPR to the top of the utility
- All depths are shown in metres
- Utility Confidence Level:
- (A) Horizontal and vertical position verified visually
- (Accuracy: Horizontal: $\pm 250mm$ Vertical: $\pm 50mm$)
- (B) Horizontal and vertical position verified by multiple methods
- (Estimated Accuracy: $\pm 100mm$ Or $\pm 15%$ of detected depth)
- (C2) Horizontal and vertical position detected by a single method
- (Estimated Accuracy: $\pm 500mm$ Or $\pm 25%$ of detected depth)
- (C3) Horizontal position detected by a single method
- (Estimated Accuracy: $\pm 500mm$ Or $\pm 25%$ of detected depth)
- (D) Utility segment which is suspected to exist but has not been detected by the method used
- (C) Route transcribed from utility asset picture and connected to visual inspection of surface features
- (D) Route transcribed from utility asset picture (accuracy undetermined)

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Rev.	JOB No.	Date	Revision Detail	Surveyor	CHECKED BY

Atri7 2 Limited
1st Floor Spitalfields House
Stirling Way
Borehamwood
WILK 2FY

PROJECT
Topographic & Buried Utilities Survey.
707-725 Lordship Lane
Wood Green
London
N22 5JY

Job No. 21068	Surveyor AK/NW	Checked TA	Date March 2023	Scale 1:200
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DRAWING No.	REV.
21068/U/01-01	-