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DATUM: OS LEVEL DATUM  
Using the OS GPS Network and applying OSGM15 National Geoid  
Made to obtain local area corrections.

- Topographic Legend
- Bottom of Bank

Top of Banking

Building

Building Canopy

Concrete Base

Contour Major

Contour Minor

Fences

General

Kerb Bottom

Kerb Drop

Kerb Top

OH Comms

OH Electric

Railway Line

Road Centre

Road Markings

SC Hard/Hard

SC Hard/Soft

SC Soft/Soft

Steps

Trees Canopy

Vegetation

Visible Trench

Walls

Water Edge

- Topographic Abbreviations
- AV

BH

BO(UL)

BS

Cab

CL=

COL

DC

DfBin

DP

EP

ER

FFL=

FH

GP

GV

GY

IC

KO

LP

MH

Mer

MP

Air Valve

Borehole

Bollard (Illuminated)

Bus Stop

Cabinet

Cover Level

Column

Concrete

Drainage Channel

Dog Foul Bin

Down Pipe

Electricity Pole

Earth Rod

Fire Hydrant

Flag Pole

Gate Post

Gas Valve

Gully

Inspection Cover

Kerb Outlet

Lamp Post

Manhole

Marker

Marker Post

PB

PBX

PGR

PM

PO

RE

RS(UL)

RWP

SP(L)

SPCam

ST

SV

SVP

TBox

TL

TOF=

TOF=

TP

VP

WB

WM

WO

WTF=

WV

Pedestrian Beacon

Post Box

Pedestrian Guard Rail

Parking Meter

Post

Rodding Eye

Road Sign (Illuminated)

Rain Water Pipe

Sign Post (Illuminated)

Speed Camera

Stop Tap

Sluice Valve

Soil Vent Pipe

Traffic Light

Top of Fence Level

Top of Wall Level

Telecoms Pole

Vent Pipe

Waste Bin

Window Bottom Level

Water Meter

Wash Out

Window Top Level

Water Valve

Monitoring Well

- Utility Legend
- Air Line

Alarm Cable

BT Cable

CATV Cable

Chamber Extent

Comms Cable

CWD Sewer

Earth Wire/Tape

Electric Cable

Fibre Optic Cable

Fuel Line

FWD Sewer

Gas Pipe

Band of Cables

Empty Service Duct

SWD Sewer

Survey Extents

Heating Pipe

HV Electric Cable

Kingston Comms

Rising Main

Traffic Control

Unknown Utility

Vent Pipe

Water

GPR Detection

Assumed Route

Records Route

Drainage

Backdrop

Cable Riser

- Utility Abbreviations
- CP

Cut

DI

DoB

DoC

ED

EoT

PE

HDPE

Cathodic Protection

Disconnected Utility

Ductile Iron

Depth of Bottom

Depth of Cover

Empty Duct

End of Trace

Polyethylene

High Density PE

VC

LoS

MDPE

SI

TLC

UDI

Unplasticised

uPVC

Polyvinyl Chloride

Unable to Raise

Unable to Trace

Vitrified Clay

- Manufacturer Stated Depths
- Detected Using Electromagnetic Location Methods

e.g. Any metallic pipe/cable. Accuracy  $\pm 2.5\%$  of depth reading.

Detected Using Electromagnetic Location Methods

e.g. Using a Sonde to locate drainage pipework. Accuracy  $\pm 2.5\%$  of depth reading.

Detected Using Ground Penetrating Radar

e.g. A plastic pipe or service not located by other means. Accuracy depends on ground conditions.

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If this drawing and any associated drawings should be used in relation to works, we advise that the users of this information follow the principles detailed by the Health and Safety Executive guidance directive H5(G) 47, "Avoiding Danger from Underground Services". Further details of this directive are available at [www.hse.gov.uk](http://www.hse.gov.uk)

Notes  
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| Rev. | Date | Comments |
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|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Client                                                                                                                                           | MCCARTHY AND STONE                                                 |
| Site Location                                                                                                                                    | HUYTON LANE,<br>HUYTON<br>KNOWSLEY,<br>L36 9XS                     |
| Purpose of Drawing                                                                                                                               | GPR UTILITY MAPPING SURVEY,<br>PRESENTED ON A TOPOGRAPHICAL SURVEY |
| Surveyed:                                                                                                                                        | AC ND TR PR                                                        |
| Checked:                                                                                                                                         | RC                                                                 |
| Date:                                                                                                                                            | 09-01-22                                                           |
| Drawn:                                                                                                                                           | RSI                                                                |
| Authorised:                                                                                                                                      | DM                                                                 |
| Scale:                                                                                                                                           | 1:200@A1                                                           |
| <div>05</div>                                                                                                                                    |                                                                    |
| <div>Centara</div>                                                                                                                               |                                                                    |
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| Project No                                                                                                                                       | 108286                                                             |
| Revision Status                                                                                                                                  | 00                                                                 |
| Sheet Number:                                                                                                                                    | Layout 1                                                           |