Notes

Utilities may continue outside of the survey area. Any paint marks outside of the area are for investigative purposes only and may not represent the full extent of the sub-surface utilities.

Only sub-surface utility information is provided. Above ground utility information may be shown where it assists with positional referencing.

Where logic indicates a utility exists but which cannot be positively confirmed with the technology, an assumed route (AR) is recorded.

ClearView Surveys does not procure statutory or private source utility information (Unless requested at time of order) as part of its detection service nor does it record any such information in a utility survey unless otherwise requested. Statutory plans should be consulted to supplement this survey.

Vertical & Horizontal Position - Vertical position (depth) is indicative to the top of the utility/feature and is recorded as DTS (depth to top of service) and should not be taken as exact. Where depth information from the technology is unclear, depth is not shown. Drains may have been detected using threading and the depth indicated could be between the top and the bottom of the drain. Horizontal position is indicative to the centre of the utility/feature and should not be taken as exact.

Warranty - Biodegradable paints are used to mark-out the position of the utilities. Before long paint markings may become illegible depending on ground, weather and traffic conditions. No warranty is given in respect of the durability of the paint markings and that they are a complete representation of the sub-surface utilities therefore this drawing should be used as the primary reference for the survey results.

This drawing does not provide an absolute representation of the sub-surface. Utilities have been detected using non-invasive technologies only and the performance can be adversely affected by ground, weather and site conditions outside of ClearView Surveys control therefore some utilities may be undetectable. While ClearView Surveys uses reasonable endeavours to detect all utilities, it does not warrant that 100% detection will be achieved and that approximate depth penetration of the technologies will be greater than two metres.

Sewer and manhole details shown on this drawing have been obtained by observation and measurement from the surface and as such cannot be guaranteed. Where precise sewer details will be critical to the project design ClearView Surveys would recommend that entry into the chamber be undertaken using a specialist team, appropriately qualified for confined space entry. These teams can be supplied on request.

Irrespective of the information provided by a utility survey and statutory plans, excavation work should be undertaken with extreme caution and in accordance with HSE Guidelines - HSG47 Avoiding Danger from Underground Services

Additional Notes:

1. The correct identification of the utility types can not be 100% guaranteed, therefore these should be independently verified prior to use in any design or building works.
2. All pipe diameters and levels are assumed to be correct, but due to non access to inspection chambers, these should be verified before any work commences.
3. All utility depths are in metres.
4. All pipe/duct sizes are in millimeters.
5. Information provided should not be altered. It should not be used for any purpose other than for which it was intended and should not be issued to other parties without prior agreement of ClearView Surveys.
6. All dimensions should be checked on site before any fabrication,construction or excavation.
7. CCTV Drainage Pipe positions are indicative only and are in an approximate position.
8. Base Topo Supplied By Client. Accuracy of this cannot be guaranteed as it was not undertaken by ClearView Surveys.
9. Utility Survey has been fitted to OS

Key:

STREET FURNITURE

BB	Bakona Beacon
BL	Bollard - Light
Bin	Litter Bin
BO	Bollard
BS	Bus Stop
CPD	Concrete Post
EC	Electric Cupboard
EFP	Electric Feeder Pillar
EP	Electric Pole
FB	Flag Base
FHM	Fire Hydrant Marker
FL	Flood Light
FP	Flag Pole
FPO	Fence Post
GB	Gas Barrier
GB	Grit Bins
GMK	Gas Marker Post
GO	Guard Post
IBO	Illuminated Bollard
LH	Lamp Hole
LP	Lamp Post
LPO	Lockable Post
MBO	Mooring
MPO	Metal Post
NP	Name Plate
PB	Post Box
PM	Parking Meter
RPO	Reflector Post
RS	Road Sign
S	Sign
SBS	Bus Stop Station
Tag	Attached to Wall/Building etc
TCB	Telephone Call Box
TL	Traffic Light
TLCB	Traffic Light Control Box
TPO	Telegraph Post
TRO	Timber Post

PIPES & CABLES

AR	Assumed Route
CIG	Cable In Ground
DBC	Directly Buried Cable
DP	Down Pipe
FGP	Fuel Gas Pipe
FWP	Foul Water Pipe
GP	Gas Pipe
ONV	Outlet Not Visible
PIG	Pipe In Ground
PNA	Pipe Not Accessible
SP	Stand Pipe
SVP	Soil Vent Pipe
UPS	Unable To Survey
UTT	Unable To Trace
VP	Vent Pipe
WP	Waste Pipe

LEVELS & DEPTHS

A	Approximate
BD	Back Drop Depth
BDL	Back Drop Level
CD	Chamber Depth
CL	Cover Level
DPC	Damp Proof Course
EL	Eaves Level
FFL	Finished Floor Level
FRL	Flat Roof Level
HD	Hanging Drop
ID	Invert Depth
IL	Invert Level
OD	Outlet Depth
OL	Outlet Level
PRL	Parapet Wall Level
RL	Ridge Level
SD	Sump Depth
SL	Sump Level
SFL	Soffit Level
SIL	Sill Level
SL	Sump Level
SSL	Structural Slab Level
TD	Top Of Rail Depth
THL	Threshold Level
TWL	Top Of Wall Level
WL	Water Level

FENCES & WALLS

BH	Block Wall
BRP	Brick Pier
BRW	Brick Retaining Wall
BRW	Brick Wall
BWF	Barbed Wire Fence
CBF	Close Board Fence
CIF	Corrugated Iron Fence
CLF	Chain Link Fence
CPF	Chestnut Paling Fence
CRW	Concrete Retaining Wall
CWF	Concrete Wall
CWF	Chicken Wire Fence
DIL	Dilapidated
HR	Hand Rail
IWF	Interwoven Fence
LPF	Larch Lap Fence
MF	Miscellaneous Fence
MRF	Metal Railing Fence
OBF	Open Board Fence
PCF	Post & Chain Fence
PEN	Post & Wire
PRF	Post & Rail Fence
PWF	Post & Wire Fence
SCR	Security Screen
STW	Stone Wall
SRTW	Stone Retaining Wall
WMF	Wire Mesh Fence

INSPECTION CHAMBERS

AC	Access Cover
CB	Catch Basin
CDC	Concrete Drainage Channel
EIC	Electric Inspection Cover
FC	Field Drain
FWIC	Foul Water Inspection Cover
FWPS	Foul Water Pumping Station
FH	Fire Hydrant
GIC	Gas Inspection Cover
GM	Gas Meter
GV	Gas Valve
G	Gully
IC	Inspection Cover
K	Kerb Inlet
MHPU	Metal Hydraulic Power
MDC	Metal Drainage Channel
MW	Monitoring Well
NI	Name Plate Information
RE	Rodding Eye
SDIC	Service Duct Inspection Cover
SV	Stop Valve
SWCP	Surface Water Catch Pit
SWIC	Surface Water Inspection Cover
SWSA	Surface Water Soakaway
TCIC	Traffic Control Inspection Cover
TC	Traffic Control Inspection Cover
UIC	Unspecified Inspection Cover
UTR	Unable To Raise
WIC	Water Inspection Cover
WM	Water Meter
WMO	Water Meter Mast Out
WSV	Water Stop Valve

SURFACES

BPav	Brick Paving
CBS	Cobble Setts
CPav	Crazy Paving
CPS	Concrete Paving Slabs
FB	Footway / Bund Border
KFC	Kerbed Flint Cobbles
T	Tiles
Tmac	Tarmac
TPav	Tactile Paving
TS	Trench Scar

MEASUREMENTS

d	Depth (m)
D	Diameter (mm)
ExtD	External Diameter (mm)
H	Object Height (m)

Linetype Key:

THIS AREA IS ALLOCATED TO SHOW SHEET LOCATION OF THE WHOLE SITE IF BROKEN DOWN INTO MULTIPLE SHEETS

CLIENT

Infrastruct CS

SITE

Northwood Hills Library
Potter Street
Northwood, HA6 1QQ

DRAWING TITLE

CCTV Drainage Survey

PROJECT NUMBER	DRAWING NUMBER	DATE
14248	14248_F	August 2023
SURVEYED BY	**DRAWN BY**	**CHECKED BY**
JM	JM	AG
SCALE	**SHEET SIZE**	**SHEET**
1:100	A1	1 of 1

Rev	Date	Notes	By

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