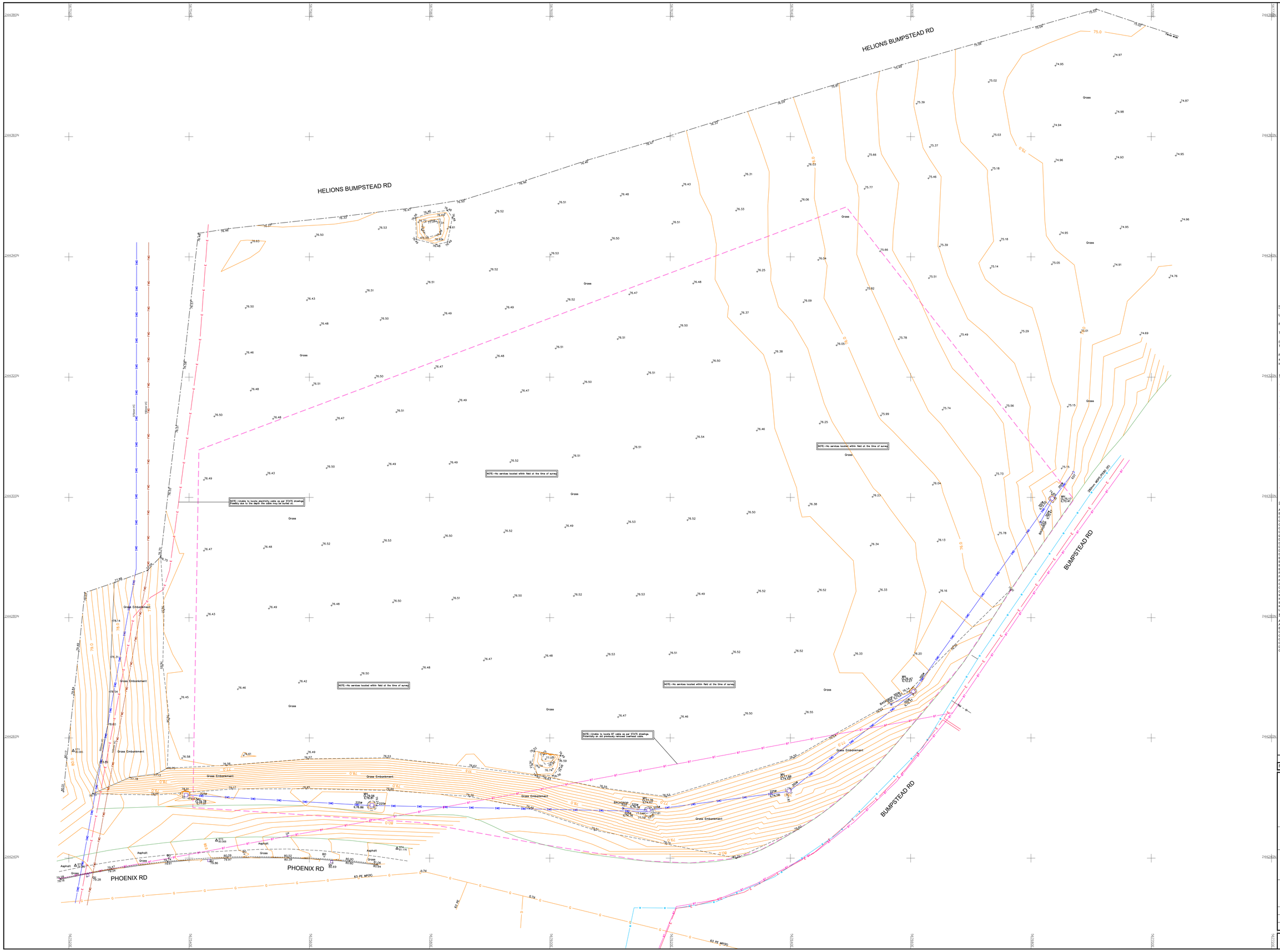

NOTES

Survey has been undertaken to an accuracy commensurate with a scale of 1:200.

Plan co-ordinates are based on modified Ordnance Survey National Grid from GNSS-derived co-ordinates with a site scale factor of 1.0000.

Levels are above ODN (Ordnance Datum Newlyn) based on GNSS observations to the National GPS Network, transformed using OSGM15.

Levels on kerb lines are channel levels unless specified.

ABBREVIATIONS

ACU	Air Conditioning Unit	IRS	Illuminated Road Sign
AL	Access Ladder	KD	Drainage Kerb
AR	Assumed Route	KO	Kerb Outlet
AV	Air Valve	LB	Litter Bin
BB	Belisha Beacon	LP	Lamp Post
BH	Borehole	MH	Manhole
BL	Basement Light	MK	Marker Post
BO	Bollard	MPF	Mesh Panel Fence
BP	Block Paving	MS (x)	Multi-Stemmed Tree (No. of Stems)
BRW	Brick Retaining Wall	NB	Notice Board
BS	Bus Stop	NPI	Street Name Plate
BT	Base Telecom IC	OHW	Overhead Wire
BW	British Waterways	OSBM	Ordnance Bench Mark
BWF	Barbed Wire Fence	P	Pillar
CB	Control Box	PB	Post Box
CBF	Close Board Fence	PC	Pedestrian Crossing
CCTV	Closed Circuit Television	PCF	Post & Chain Fence
CIF	Corrugated Iron Fence	PF	Palisade Fence
CK	Containment Kerb	PK	Portakabin
CL	Cover Level	Pl	Planter
CLF	Chain Link Fence	PL	Plinth
CLSF	Chain Link Security Fence	PM	Parking Meter
Conc	Concrete	PO	Post
Co	Column	PRF	Post & Rail Fence
CPS	Concrete Paving Slabs	PSF	Palisade Security Fence
CPF	Chestnut Paling Fence	PWF	Post & Wire Fence
CP	Concrete Plinth	RE	Rodding Eye
CR	Cycle Rack	RH	Road Hump
CRW	Concrete Retaining Wall	RL	Ridge Level
CS	Cobblestones	RS	Road Sign
CT	Cable TV IC	RW	Retaining Wall
CW	Concrete Wall	SEP	Service Entry Point
DC	Duct Covers	SL	Soffit Level
DCh	Drainage Channel	SM	Sump Manhole
DK	Drop Kerb	SP	Stand Pipe
DP	Down Pipe	SRW	Stone Retaining Wall
DPC	Damp-Proof Course Level	SW	Stone Wall
EIC	Electricity IC	SWMH	Surface Water Manhole
EL	Eaves Level (at Drip Edge)	SY	Stay Wire
EP	Electricity Pole	TCB	Telephone Call Box
ER	Earthing Rod	TDR	Traffic Direction Restrictor
FB	Flower Bed	THL	Threshold Level
FFL	Finished Floor Level	TK	Top of Kerb Level
FH	Fire Hydrant	TL	Traffic Light
FL	Flood Light	TM	Ticket Machine
FP	Fuel Pump	TP	Telegraph Pole
FR	Flat Roof	TPS	Tactile Paving Slabs
FWMH	Foul Water Manhole	TW	Top of Wall
GA	Gate	UTL	Unable To Lift:
GB	Grit Box		UTL(1) Covered
GC	Grasscrete		UTL(2) Immovable
GP	Gate Post		UTL(3) Damaged
GR	Guard Rail		UTL(4) Bolted Down
GU	Gully		UTL(5) Traffic Management
GV	Gas Valve	VP	Vent Pipe
HW	Head Wall	WB	Wheel Barrier
IB	Illuminated Bollard	WL	Water Level
IC	Inspection Cover	WM	Water Meter
IL	Invert Level	WO	Washout
IRF	Iron Railing Fence	WV	Water Valve
		VDL	Vehicle Detector Loop

NOTES

Utilities have been identified by:

Reference to statutory records.

The quality levels for the utility positions are shown in brackets as per below:

(B4) Utility segment that is suspected to exist but has not been detected. These are assumed routes taken from existing records and/or surface features.

For safety reasons, drainage pipe sizes have been determined from the surface and should be treated as approximate only. Where shown, dimensions are indicated in millimetres. Depth to top of utilities are shown in metres.

KEY

E	Electric (Voltage unknown), with node
SL	Street Lighting
W	Water Distribution, with node
CATV	Telecommunications (CATV)
CCTV	Telecommunications (CCTV)
BT	Telecommunications (BT), with node
TELE	Telecommunications (Others)
TCSU	Traffic Control Sensor Unit
G	Gas, with node
SWD	Surface Water Drainage, with flow and node
FWD	Foul Water Drainage, with flow and node
CS	Combined Sewer (with flow)
DU	Drainage Unknown
OF	Oil/Fuel
EML	Utility Unknown (EML)
GPR	Utility Unknown (GPR)
(B2)	Change in Mapping Category
	Limit of utility trace

GENERAL ABBREVIATIONS

AV	Air Valve	MH	Manhole
BT	British Telecom IC	OHW	Overhead Wire
C	Depth of Cover	(R)	Description from records
CCTV	Closed Circuit TV	RE	Rodding Eye
CL	Cover Level	RWP	Rain Water Pipe
CBMH	Combined Sewer Manhole	SEP	Service Entry Point
CT	Cable TV Cover	SM	Sump Level
D	Diameter of Pipe mm	SP	Stand Pipe
DI	Depth to Invert	SV	Stop Valve
DC	Duct Covers	SVP	Soil Vent Pipe
DCh	Drainage Channel	SWMH	Surface Water Manhole
DP	Down Pipe	TP	Telegraph Pole
DSP	Distribution Point	UTL	Unable To Lift
EIC	Electricity IC		(1) Covered at time of survey
EOT	End of Trace		(2) Heavy Duty – Immovable
EP	Electricity Pole		(3) Damaged
ER	Earthing Rod		(4) Locked or Bolted Down
FH	Fire Hydrant		(5) Traffic Management Reqd
FL	Flood Light	UTT	Unable to Trace
FWMH	Foul Water Manhole	VP	Vent Pipe
G	GPR Scan	WL	Water Level
GU	Gully	WM	Water Meter
GV	Gas Valve	WO	Washout
IB	Illuminated Bollard	WV	Water Valve
IC	Inspection Cover		
IL	Invert Level (Out going)		
KO	Kerb Outlet		
LP	Lamp Post		

MATERIALS

AK	Alkathene	GRP	Glass Reinforced Plastic
AC	Asbestos Cement	PSC	Plastic/Steel Composite
BR	Brick	UPVC	Polyvinyl Chloride
CI	Spun (Grey) Iron		(Unplasticised)
CO	Concrete	PE	Polyethylene
CC	Concrete Box Culvert	RMC	Reinforced Plastic Matrix
CU	Copper	ST	Steel
DI	Ductile Iron	VC	Vitrified Clay
GRC	Glass Reinforced Concrete		

N

Rev.	Description	Date	Svyr	Chkd
-	-	25/03/22	MS	AB

Glanville
Cornerstone House
62 Foxhall Road, Didcot
Oxon, OX11 7AD
Tel: (01235) 515550 Fax: (01235) 817799
postbox@glanvillegroup.com www.glanvillegroup.com

Client : McDonald's RESTAURANT

Project : BUMPSTEAD ROAD HAVERHILL CB9 7AE (NB8333)

Title : SITE SURVEY & UNDERGROUND UTILITY MAPPING

Project Engineer :	MS	Scale :	1:200 @ A0
Project Director :	JHJ	Date :	MAR 2022
Status :			

Drawing No. 4220178/4101 Rev