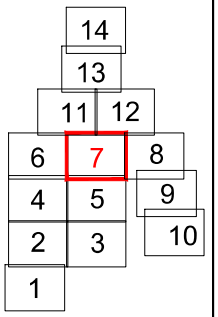
Notes

- Survey grid based on Ordnance Survey National Grid derived by multiple RTK GPS observations, Scale Factor 1.
- All levels are in metres and are above Ordnance Survey Newlyn Datum derived by multiple network RTK GPS observations.
- All quoted dimensions are in metres.
- Contours are spreads on 'Trees' layer in CAD.
- Survey undertaken in December 2022.
- All detail on layers prefixed 'existing' surveyed by others.
- Survey extension in March 2023 undertaken by UAV (including A34 and Frilsham Way).

Abbreviations

AV	Air Valve	IR	Iron Rail
BH	Bore Hole	JB	Junction Box
BL	Bollard	KO	Kerb Outlet
BM	Benchmark	LB	Letter Box
BR	Beacon	LP	Lamp Post
BS	Bus Stop Sign	LL	Level Log
BT	British Telecom Cover	LS	Light Source
BW	Boundary Wall	MH	Manhole
CB	Control Box	MW	Monitoring Well
CR	Clear Rounded	NP	Name Plate
CCTV	Closed Circuit Tv	PJ	Post
CL	Centre Line	PL	Pedestrian Light
CL	Clear Level	PM	Parking Meter
CL	Chain Link	PR	Post And Rail
CP	Crushed Paving	PW	Post And Wire
Col	Column	RE	Reading Eye
CP	Concrete	RP	Rodding Point
CPS	Concrete Paving Slabs	RWP	Rain Water Pipe
CP	Concrete Panel	SC	Stop Cock
CTV	Cable Tv	SF	Soffit Level
D	Drain Diameter	SL	Sign Light
DP	Drain Point	SW	Short Walling
DC	Drainage Channel	ST	Stump
DPC	Damp Proof Course	SV	Stop Valve
EC	Electric Cover	SW	Surface Water
EC	Electricity Cover	SW	Surface Water
EP	Electricity Pole	Tce	Tarmac Paving
ER	Earth Rod	TCB	Telecomms Call Box
FL	Floor Level	TL	Traffic Light
FL	Fence Level	TC	Telecomms Manhole Cover
FB	Flowerbed	TP	Telecomms Pole
FW	Foul Water	TW	Top Of Wall Level
GL	Ground Light	UTL	Unable To Lift
GM	Gas Meter	VC	Voltmeter Valve Cover
GP	Guard Post	WC	Water Cock
GV	Gas Valve	WCL	Window Cill Level
GY	Gully	WHL	Window Head Level
HC	Hand Hole	WL	Water Level
HR	Hand Rail	WM	Water Meter
IC	Inspection Cover	WM	Way Mark
IL	Invert Level	WO	Worm Dale Valve
INV	Desk Invert Level	WV	Water Valve

SHEET LAYOUTS



ISSUE/ REVISION

Rev	Date	Status/ Amendment	Drawn	Checked
B	13/04/23	Highways extended	CE	BS

Scale Bar

1:200 0 2m 4m 6m 8m 10m 12m 14m 16m 18m 20m
1:500 0 5m 10m 15m 20m 25m
1:1,000 0 10m 20m 30m 40m 50m

For reference only. Do not scale off this drawing.

BES GEOMATICS

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Client: Ridge and Partners LLP

Project: Land off Oxford Road
Oxford, OX5 1PH

Title: Topographical Survey

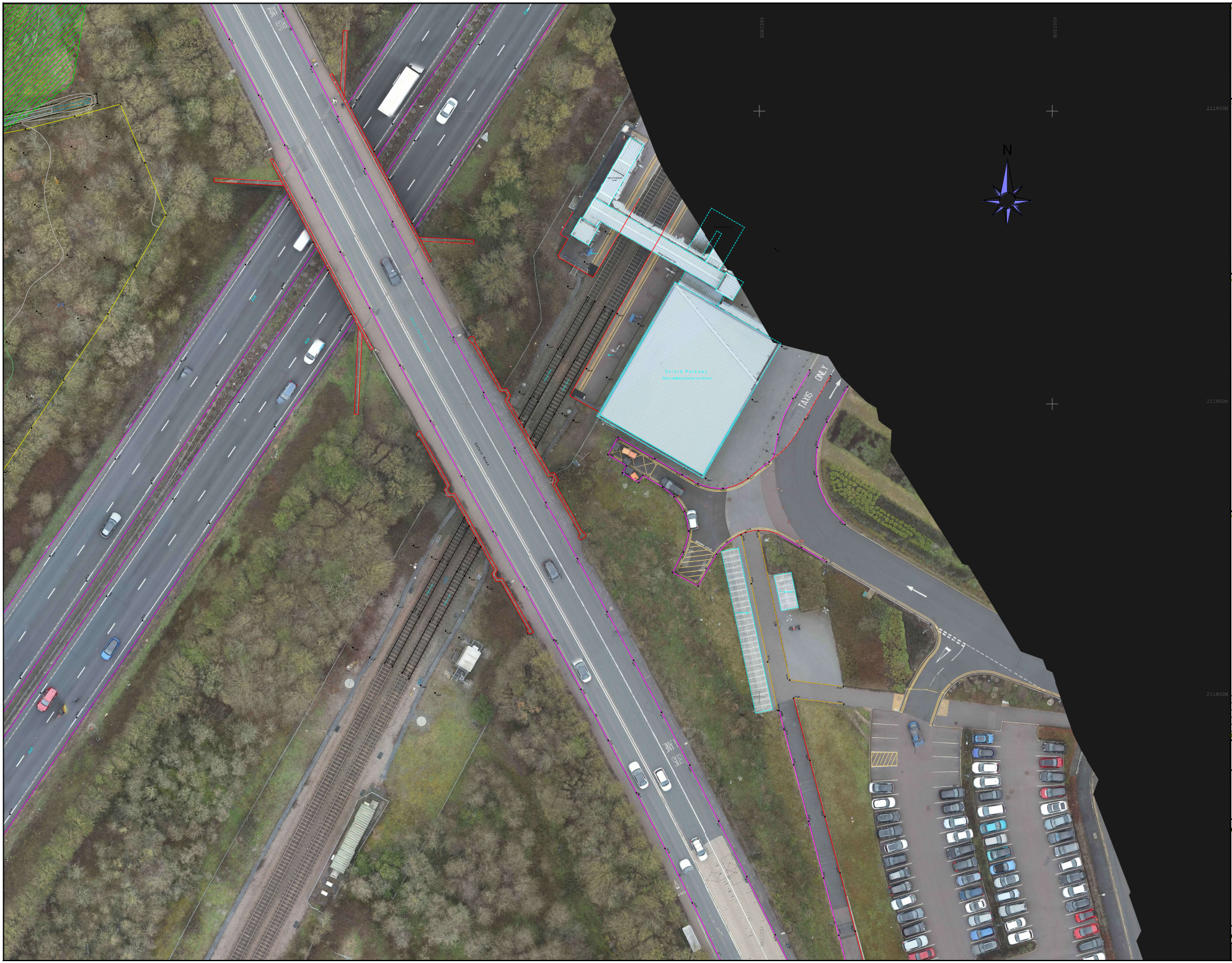
Sheet Number:

Status: For Approval Checked: KH

Drawn: BS Date: 13/12/2022 Scale: 1:200 @ A0

Project No: BES22583 Drg No: 7 Rev: B

TOPOGRAPHICAL SURVEYS GPS MEASURED BUILDING SURVEYS
3D LASER SCANNING AS-BUILT SURVEYS AREA MEASUREMENTS



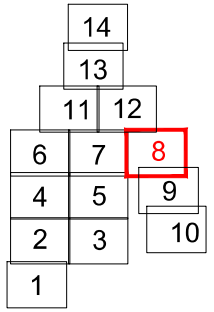
Notes

- Survey grid based on Ordnance Survey National Grid derived by multiple RTK GPS observations. Scale Factor 1.
- All levels are in metres and are above Ordnance Survey Newlyn Datum derived by multiple network RTK GPS observations.
- All quoted dimensions are in metres.
- Complete tree spreads on frozen layer in CAD.
- Survey undertaken in December 2022.
- All detail on layers prefixed 'existing' surveyed by others.
- Survey extension in March 2023 undertaken by UAV (including A34 and Frieze Way).

Abbreviations

AV	Air Valve	IR	Iron Rail
BH	Bore Hole	JB	Junction Box
BL	Bollard	KO	Kerb Outlet
BM	Bench Mark	LB	Lattice Box
BR	Bracket	LP	Lamp Post
BS	Bus Stop Sign	LL	Lamp Lug
BT	British Telecom Cover	LM	Manhole
BW	Barbed Wire	MK	Marker Post
CB	Control Box	MR	Monitoring Well
CB	Close Boarded	NP	Name Plate
CCTV	Closed Circuit Tv	P	Post
CI	Cast Iron Pipe	PU	Pedestrian Light
CL	Cover Level	PM	Parking Meter
CL	Chain Link	PAK	Post And Kail
CMP	Crushed Paving	PW	Post And Wire
Col	Column	RE	Redding Eye
Cone	Concrete	RS	Road Sign
CPS	Concrete Paving Slabs	RWP	Rain Water Pipe
CP	Concrete Panel	SC	Stop Cock
CTV	Cable Tv	SP	Soft Level
D	Trunk Diameter	SP	Sign Post
DP	Drain Pipe	SR	Steel Railing
DC	Drainage Channel	ST	Stump
DPC	Damp Proof Course	SV	Stop Valve
EB	Electricity Box	SVP	Soil Vent Pipe
EC	Electricity Cover	SW	Surface Water
EP	Electricity Pole	Tce	Textile Paving
ER	Earth Rail	TCB	Telecomm Cell Box
FL	Floor Level	TL	Traffic Light
FH	Fire Hydrant	TLC	Traffic Light Service Cover
FI	Flooding	TP	Telecomm Pole
FW	Foul Water	TW	Top Of Wall Level
GL	Ground Light	UTL	Unable To Lift
GM	Gas Meter	VC	Unknown Valve Cover
GP	Gate Post	VP	Vent Pipe
GV	Gas Valve	WCL	Window Cill Level
GY	Gully	WHL	Window Head Level
H	Hedge	WL	Water Level
HR	Hand Rail	WM	Water Meter
IC	Inspection Cover	WM	Way Mark
IL	Invert Level	WO	Water Out Valve
INV	Drain Invert Level	WV	Water Valve

SHEET LAYOUTS



ISSUE/ REVISION

Rev	Date	Status/ Amendment	Drawn	Checked
B	13/04/23	Highways extended	CE	BS

Scale Bar

1:200 0 2m 4m 6m 8m 10m 12m 14m 16m 18m 20m
1:100 0 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m
1:50 0 1m 2m 3m 4m 5m
1:500 0 10m 20m 30m 40m 50m

For reference only. Do not scale off this drawing

BES GEOMATICS

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Client: Ridge and Partners LLP

Project: **Land off Oxford Road**
Oxford, OX5 1PH

Title: **Topographical Survey**

Sheet Number:

Status: **For Approval** Checked: **KH**

Drawn: **BS** Date: **13/12/2022** Scale: **1:200 @ A0**

Project No: **BES22583** Drg No: **8** Rev: **B**

TOPOGRAPHICAL SURVEYS GPS MEASURED BUILDING SURVEYS
3D LASER SCANNING AS-BUILT SURVEYS AREA MEASUREMENTS