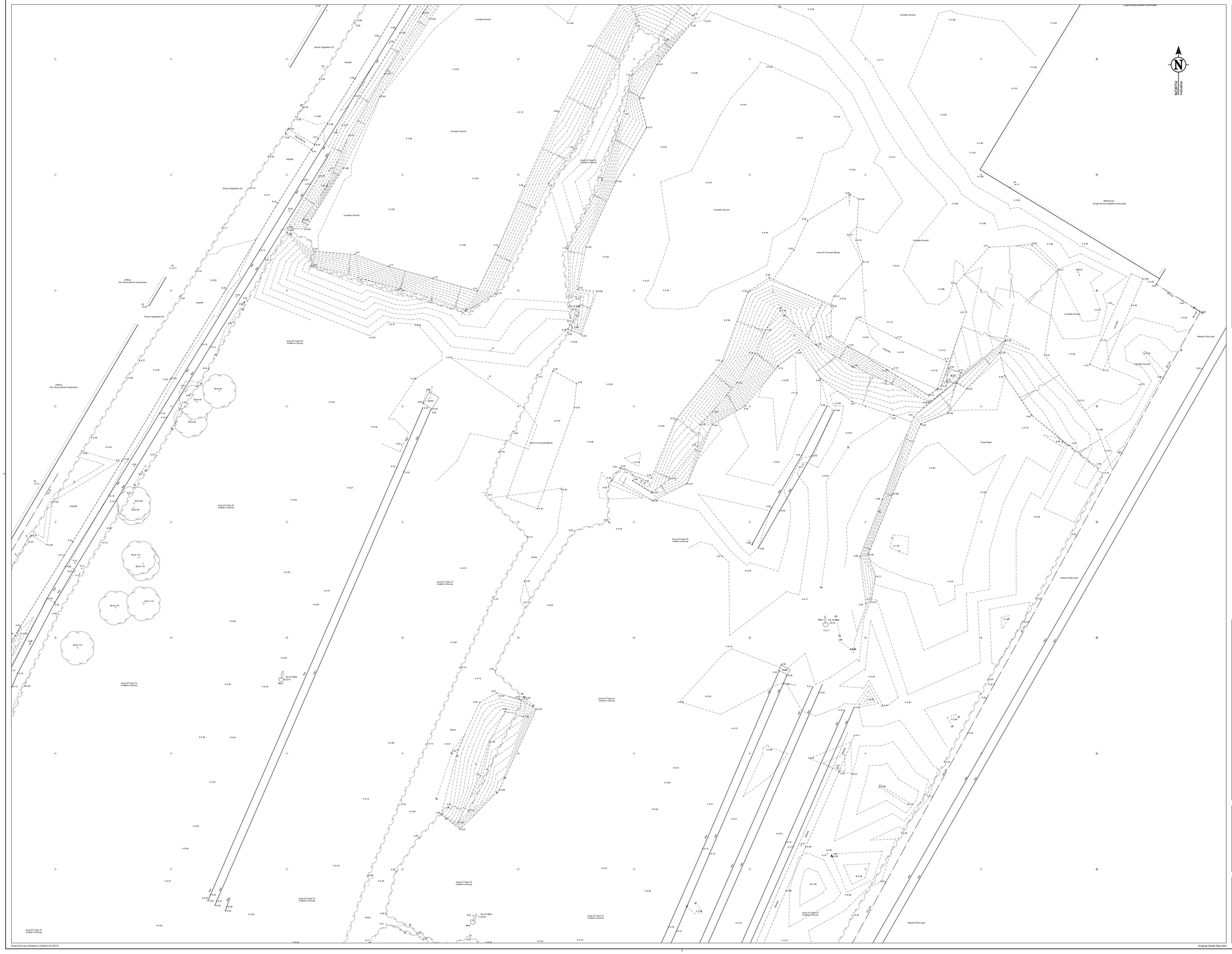
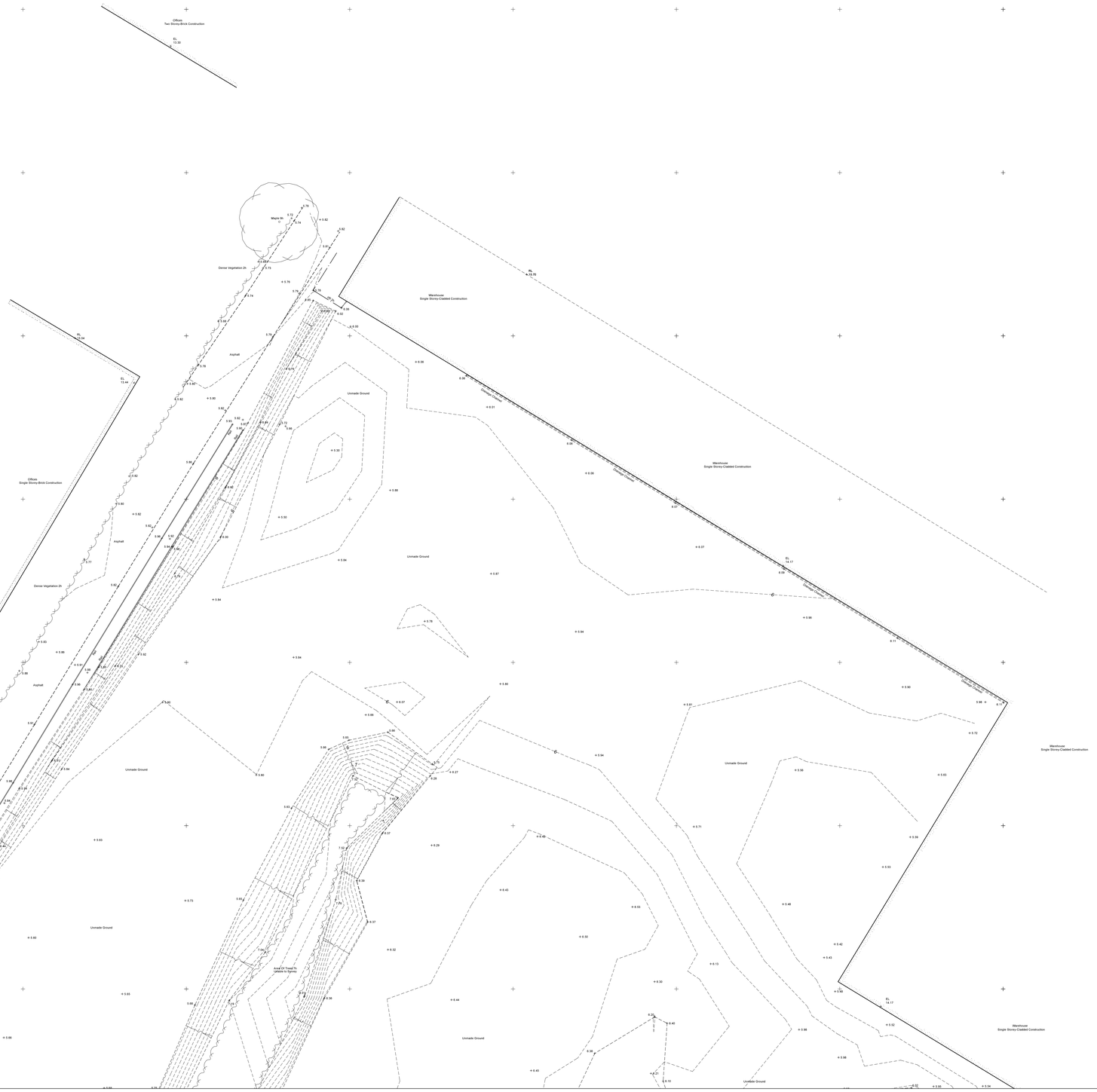
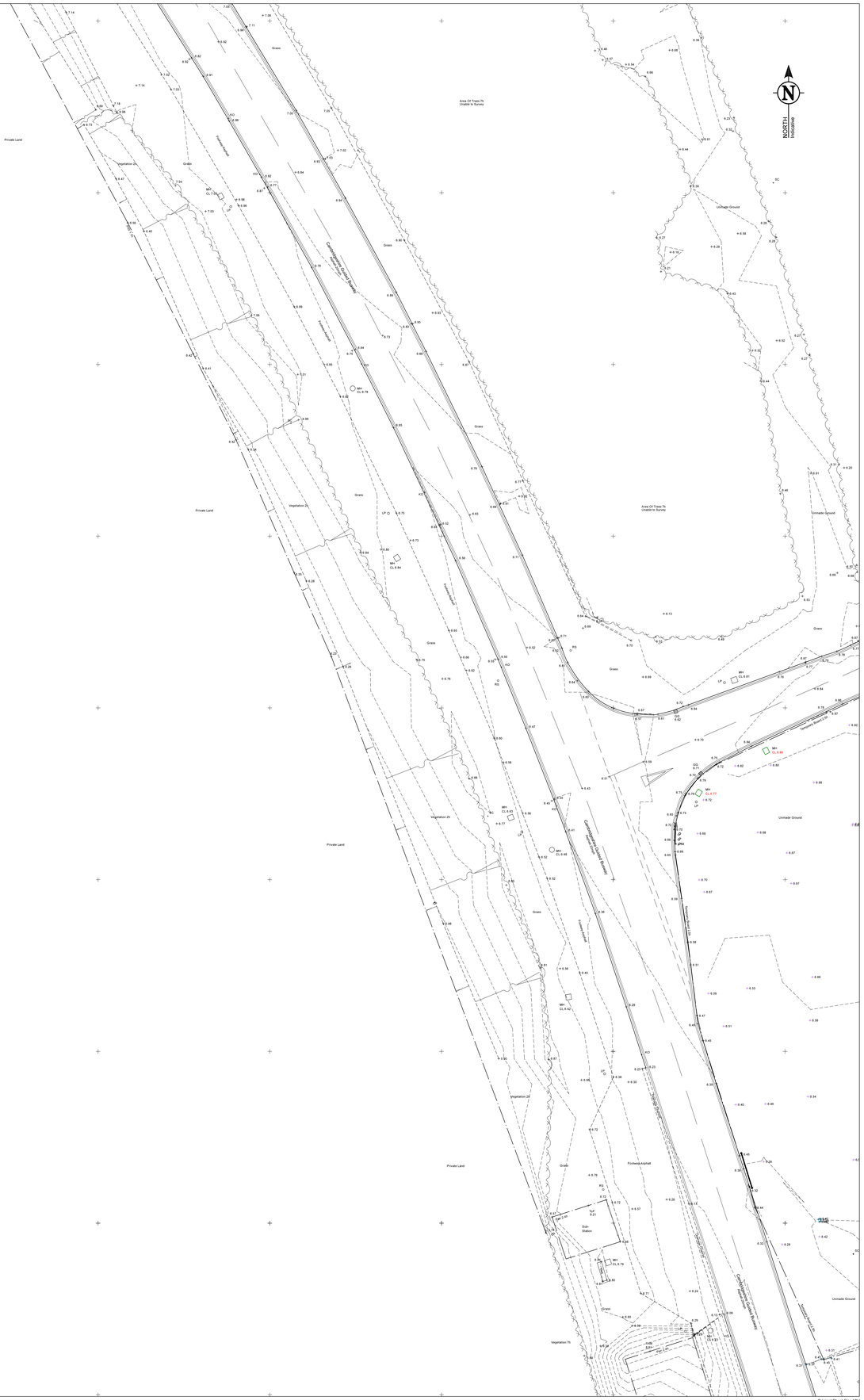

Unmade Ground
Dense Vegetation 2h
Asphalt
Area Of Trees 7h Unable to Survey
Area Of Concrete Blocks
Grass
Offices Two Storey-Brick Construction
Warehouse Single Storey-Clad/Brick Construction
Network Rail Land
Gravel
Birch 9h
Birch 11h
Buffer
Mast
Top Of Mast 22.57
Top Of Mast 22.41
Top Of Mast 22.44
Top Of Mast 22.43
Area Of Trees 7h Unable to Survey
Area Of Trees 7h Unable to Survey
Area Of Trees 7h Unable to Survey


Offices
Two Storey-Brick Construction
EL
13.30
Maple 8m
Dense Vegetation 2h
Asphalt
Unmade Ground
Warehouse
Single Storey-Cladded Construction
Offices
Single Storey-Brick Construction
Area Of Trees 7h
Latitude to Egrove
Dense Vegetation 2h
Asphalt
Unmade Ground
Warehouse
Single Storey-Cladded Construction
Offices
Single Storey-Brick Construction
Dense Vegetation 2h
Asphalt
Unmade Ground
Warehouse
Single Storey-Cladded Construction
Dense Vegetation 2h
Asphalt
Unmade Ground
Warehouse
Single Storey-Cladded Construction
Dense Vegetation 2h
Asphalt
Unmade Ground
Warehouse
Single Storey-Cladded Construction
Dense Vegetation 2h
Asphalt
Unmade Ground
Warehouse
Single Storey-Cladded Construction
Unmade Ground
Unmade Ground
Unmade Ground



TOPOGRAPHICAL & MEASURED BUILDING SURVEYS

ABBREVIATIONS & SYMBOLS

AH	Arch Head Height	FH	Fire Hydrant	RSJ	Rolled Steel Joist
AR	Assumed Route	FBD	Floor Board Direction	SI	Sign Post
AV	Air Valve	FH	Fire Hydrant	SP	Arch Spring Point Height
BB	Belisha Beacon	FL	Floor Level	SV	Stop Valve
BH	Bore Hole	FP	Flag Pole	SW	Surface Water
BL	Bed Level	FW	Foul Water	SY	Stay
BO	Bollard	GG	Gully Grate	Tac	Tactile Paving
BrP	Brace Post	GV	Gas Valve	TC	Telecom Cover
BS	Bus Stop	HH	Head Height	TH	True Fit
BU	Bush	IC	Inspection Cover	THL	Threshold Level
B/W	Barbed Wire Fence	IL	Invert Level	TL	Traffic Light
BX	Box (Utilities)	IR	Iron Railings	ToW	Top of Wall
C/B	Close Board Fence	KO	Kerb Outlet	TP	Telegraph Pole
CH	Cill Height	LP	Lamp Post	TV	Cable TV Cover
CL	Cover Level	MH	Manhole	UB	Universal Beam
CL	Chain Link Fence	MP	Marker Post	UC	Unknown Cover
C.L.	Ceiling Level	MR	Meter Board	UG	Unknown Gas
Col	Column	OHL	Overhead Line (approx)	USB	Under Side Beam
C/P	Chestnut Paling Fence	Pan	Panel Fence	UTL	Unable To Lift
CR	Cable Riser	PB	Post Box	VP	Vent Pipe
DC	Drainage Channel	PM	Parking Meter	WB	Waste Bin
DH	Door Head Height	PO	Post	WH	Weep Hole
DP	Down Pipe	P/R	Post & Rail Fence	WL	Water Level
DR	Drain	P/W	Post & Wire Fence	WM	Water Meter
EL	Eaves Level	P/Wall	Partition Wall	WO	Wash Out
EP	Electric Pole	RE	Rodding Eye		Floor to Ceiling Height
ER	Earth Rod	RL	Ridge Level		
ET	EP+Transformer	RP	Reflector Post		F/C Floor to False Ceiling Ht
FB	Flower Bed	RS	Road Sign		
FBD	Floor Board Direction	RSD	Roller Shutter Door		Survey Control Station

DRAWING NOTE

Topographical Surveys

Trees are drawn to scale showing the average canopy spread. Descriptions and heights should be used as a guide only.

All building names, descriptions, number of storeys, construction type including roof line details are indicative only and taken externally from ground level.

All below ground details including drainage, voids and services have been identified from above ground and therefore all details relating to these features including; sizes, depth, description etc will be approximate only. All critical dimensions and connections should be checked and verified prior to starting work.

Detail, services and features may not have been surveyed if obstructed or not reasonably visible at the time of the survey.

Measured Building Surveys

Measurements to internal walls are taken to the wall finishes at approx 1m above the floor level and the wall assumed to be vertical.

Cill heights are measured as floor to the cill and head heights are measured from cill to the top of window.

General

The contractor must check and verify all site and building dimensions, levels, utilities and drainage details and connections prior to commencing work. Any errors or discrepancies must be notified to Survey Solutions immediately.

The accuracy of the digital data is the same as the plotting scale implies. All dimensions are in metres unless otherwise stated.

The survey control listed is only to be used for topographical surveys at the stated scale. All control must be checked and verified prior to use.

© Land Survey Solutions Limited holds the copyright to all the information contained within this document and their written consent must be obtained before copying or using the data other than for the purpose it was originally supplied.

Do not scale from this drawing.

Sheet Template

20852ea-09

CONTROL CO-ORDINATES

STATIONS	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
ST01	547492.468	260998.996	7.136	PK Nail
ST02	547472.895	260896.091	6.360	PK Nail
ST03	547473.721	260771.093	6.079	PK Nail
ST04	547470.937	260652.860	6.387	PK Nail
ST05	547269.349	261065.042	7.408	PK Nail
ST07	547573.210	260914.597	7.012	PK Nail
ST08	547556.883	260922.683	7.018	PK Nail

SURVEY GRID AND LEVEL DATUM

The coordinate system established for this survey is related to Ordnance Survey (OS) national grid at a single point using Smartnet, then orientated to grid north with a scale factor of 1.000.

The level datum established for this survey is related to Ordnance Survey (OS) using GPS Smartnet.

To avoid discrepancies any coordinated data used in conjunction with this survey must be derived directly from this control data.

REV	DESCRIPTION	DRAWN	APPR	DATE
A	EXTRA SURVEY WORK AND CONTOURS ADDED	ND9	JA	19/01/2018

SURVEY SOLUTIONS

Ipswich Coventry Yeovil Norwich Perth Nottingham Brentwood

Tel No: 0845 0405 969
www.survey-solutions.co.uk

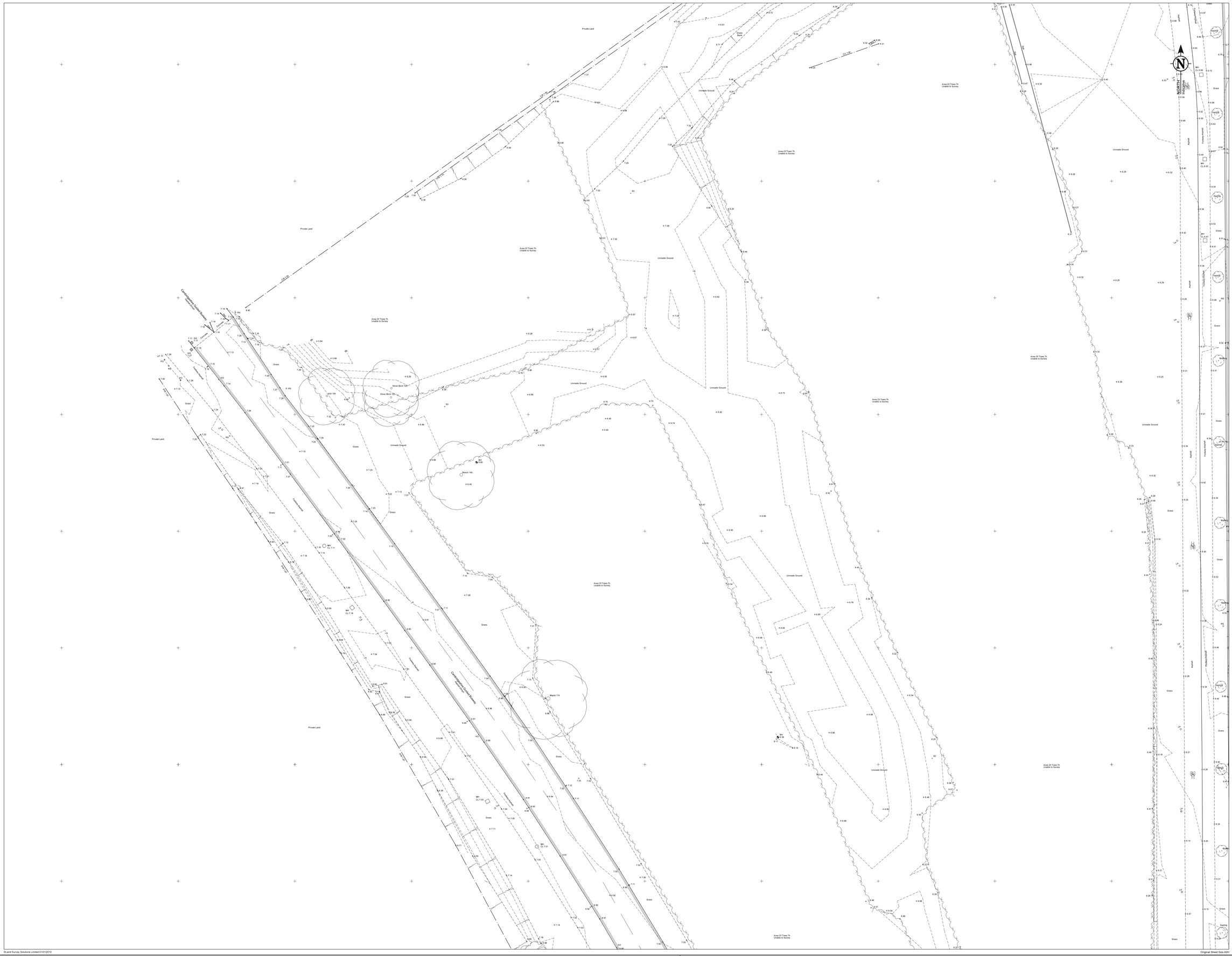
Fax No: 0845 0405 970
enquiries@survey-solutions.co.uk

LAND SURVEYING BUILDING SURVEYING UNDERGROUND SURVEYING

PROJECT TITLE: COWLEY ROAD, CAMBRIDGE, CB4 0WZ.				
DRAWING DETAIL: TOPOGRAPHICAL SURVEY Sheet 9 of 14				
CLIENT: BROOKGATE LAND LTD				SCALE: 1:200
SURVEYOR: RDS	SURVEY DATE: 12/12/2017	CHECKED BY: KJS	APPROVED BY: JA	DWG STATUS: FINAL
DRAWING NUMBER: 20852ea-09			REVISION: A	ISSUE DATE: 05/01/2018

©Land Survey Solutions Limited 01/01/2010

Original Sheet Size A0H


Private Land
Grass
Unmade Ground
Area Of Trees Th
Unable to Survey
Silver Birch 12m
Silver Birch 12m
Ash 10m
Beech 14m
Maple 11m
Cambridgeshire Guided Busway
Footway
Footway
Foot

TOPOGRAPHICAL & MEASURED BUILDING SURVEYS

ABBREVIATIONS & SYMBOLS

AH	Arch Head Height	FH	Fire Hydrant	RSJ	Rolled Steel Joist
AR	Assumed Route	FBD	Floor Board Direction	SI	Sign Post
AV	Air Valve	FH	Fire Hydrant	SP	Arch Spring Point Height
BB	Belisha Beacon	FL	Floor Level	SV	Stop Valve
BH	Bore Hole	FP	Flag Pole	SW	Surface Water
BL	Bed Level	FW	Foul Water	SY	Stay
BO	Bollard	GG	Gully Grate	Tac	Tactile Paving
BrP	Brace Post	GV	Gas Valve	TC	Telecom Cover
BS	Bus Stop	HH	Head Height	TH	True Fit
BU	Bush	IC	Inspection Cover	THL	Threshold Level
B/W	Barbed Wire Fence	IL	Invert Level	TL	Traffic Light
BX	Box (Utilities)	IR	Iron Railings	ToW	Top of Wall
C/B	Close Board Fence	KO	Kerb Outlet	TP	Telegraph Pole
CH	Cill Height	LP	Lamp Post	TV	Cable TV Cover
CL	Cover Level	MH	Manhole	UB	Universal Beam
CF	Chain Link Fence	MP	Marker Post	UC	Unknown Cover
C.Lev	Ceiling Level	MR	Metal Railing	UP	Utility Pole
Col	Column	OHL	Overhead Line (approx)	USB	Under Side Beam
C/P	Chestnut Paling Fence	Pan	Panel Fence	UTL	Unable To Lift
CR	Cable Riser	PB	Post Box	VP	Vent Pipe
DC	Drainage Channel	PM	Parking Meter	WB	Waste Bin
DH	Door Head Height	PO	Post	WH	Weep Hole
DP	Down Pipe	P/R	Post & Rail Fence	WL	Water Level
DR	Drain	P/W	Post & Wire Fence	WM	Water Meter
EL	Eaves Level	P/Wall	Partition Wall	WO	Wash Out
EP	Electric Pole	RE	Rodding Eye		Floor to Ceiling Height
ER	Earth Rod	RL	Ridge Level		
ET	EP+Transformer	RP	Reflector Post		F/C Floor to False Ceiling Ht
FB	Flower Bed	RS	Road Sign		
FBD	Floor Board Direction	RSD	Roller Shutter Door		Survey Control Station

DRAWING NOTE

Topographical Surveys

Trees are drawn to scale showing the average canopy spread. Descriptions and heights should be used as a guide only.

All building names, descriptions, number of storeys, construction type including roof line details are indicative only and taken externally from ground level.

All below ground details including drainage, voids and services have been identified from above ground and therefore all details relating to these features including; sizes, depth, description etc will be approximate only. All critical dimensions and connections should be checked and verified prior to starting work.

Detail, services and features may not have been surveyed if obstructed or not reasonably visible at the time of the survey.

Measured Building Surveys

Measurements to internal walls are taken to the wall finishes at approx 1m above the floor level and the wall assumed to be vertical.

Cill heights are measured as floor to the cill and head heights are measured from cill to the top of window.

General

The contractor must check and verify all site and building dimensions, levels, utilities and drainage details and connections prior to commencing work. Any errors or discrepances must be notified to Survey Solutions immediately.

The accuracy of the digital data is the same as the plotting scale implies. All dimensions are in metres unless otherwise stated.

The survey control listed is only to be used for topographical surveys at the stated scale. All control must be checked and verified prior to use.

© Land Survey Solutions Limited holds the copyright to all the information contained within this document and their written consent must be obtained before copying or using the data other than for the purpose it was originally supplied.

Do not scale from this drawing.

Sheet Template

20852ea-11

CONTROL CO-ORDINATES

STATIONS	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
ST01	547462.468	260998.996	7.136	PK Nail
ST02	547472.895	260890.091	6.360	PK Nail
ST03	547473.721	260771.093	6.579	PK Nail
ST04	547470.937	260682.860	6.387	PK Nail
ST05	547569.349	261005.042	7.408	PK Nail
ST07	547575.210	260914.597	7.012	PK Nail
ST08	547556.883	260922.683	7.018	PK Nail

SURVEY GRID AND LEVEL DATUM

The coordinate system established for this survey is related to Ordnance Survey (OS) national grid at a single point using Smartnet, then orientated to grid north with a scale factor of 1.000.

The level datum established for this survey is related to Ordnance Survey (OS) using GPS Smartnet.

To avoid discrepancies any coordinated data used in conjunction with this survey must be derived directly from this control data.

REV	DESCRIPTION	DRAWN	APPR	DATE
A	EXTRA SURVEY WORK AND CONTOURS ADDED	NDS	JA	19/01/2018

SURVEY SOLUTIONS

Ipswich Coventry Yeovil Norwich Perth Nottingham Brentwood

Tel No: 0845 0405 969
www.survey-solutions.co.uk

Fax No: 0845 0405 970
enquiries@survey-solutions.co.uk

LAND SURVEYING BUILDING SURVEYING UNDERGROUND SURVEYING

PROJECT TITLE COWLEY ROAD, CAMBRIDGE, CB4 0WZ				
DRAWING DETAIL TOPOGRAPHICAL SURVEY Sheet 11 of 14				
CLIENT BROOKGATE LAND LTD				SCALE 1:200
SURVEYOR RDS	SURVEY DATE 12/12/2017	CHECKED BY KJS	APPROVED BY JA	DWG STATUS FINAL
DRAWING NUMBER 20852ea-11			REVISION A	ISSUE DATE 05/01/2018