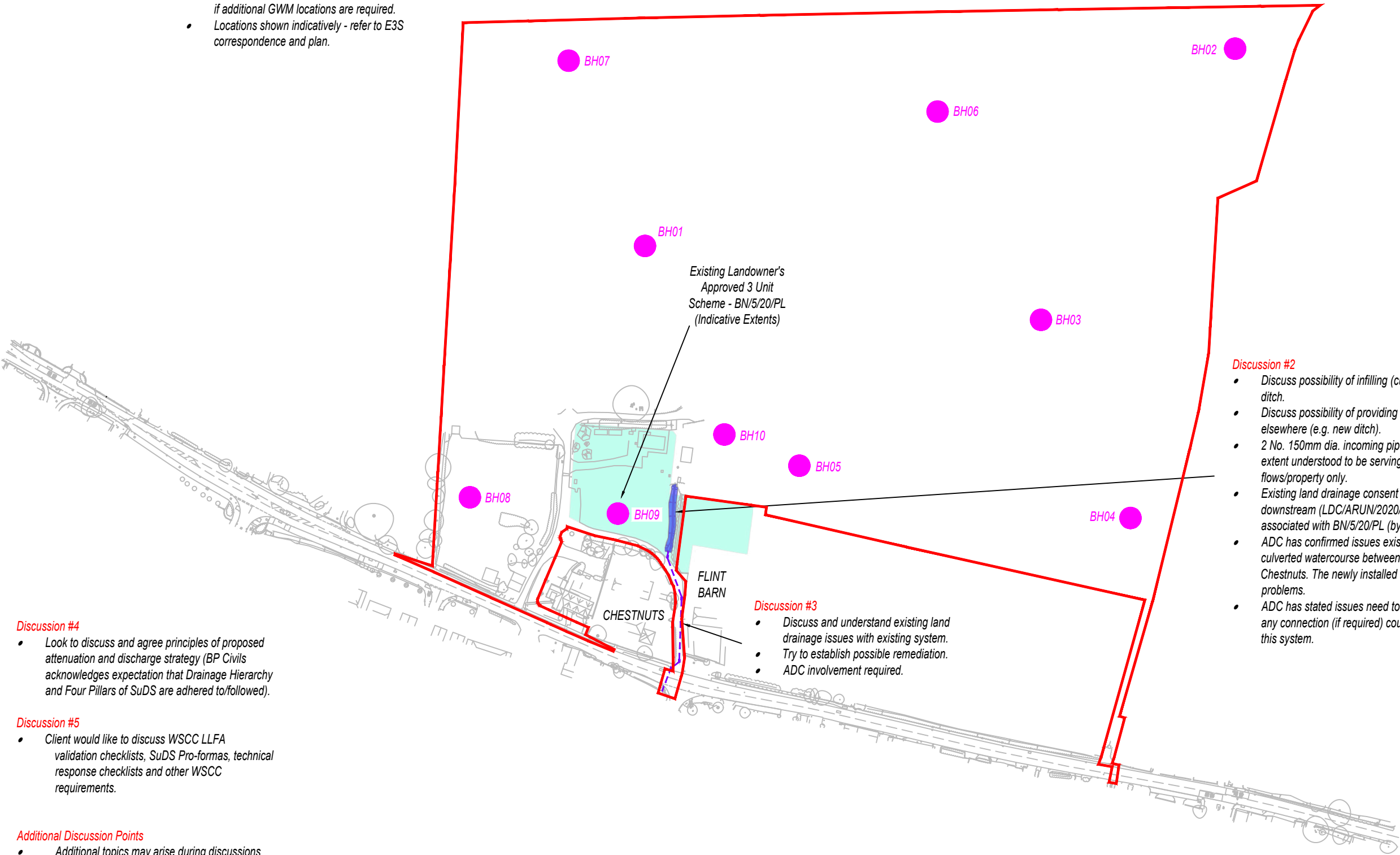




BOUNDARIES ON PLAN SHOWN
INDICATIVELY. SUBJECT TO
SURVEY WORKS AND
CONFIRMATION FROM LAND
OWNER / CLIENT / ARCHITECT.

Discussion #1

- Discuss existing GWM install locations.
- WSCC to confirm if site coverage is acceptable, or if additional GWM locations are required.
- Locations shown indicatively - refer to E3S correspondence and plan.



Discussion #4

- Look to discuss and agree principles of proposed attenuation and discharge strategy (BP Civils acknowledges expectation that Drainage Hierarchy and Four Pillars of SuDS are adhered to/ followed).

Discussion #5

- Client would like to discuss WSCC LLFA validation checklists, SuDS Pro-formas, technical response checklists and other WSCC requirements.

Additional Discussion Points

- Additional topics may arise during discussions with WSCC and ADC which may require further discussion. Please do not treat this plan as an exhaustive list of topics.

Discussion #2

- Discuss possibility of infilling (culverting) existing ditch.
- Discuss possibility of providing compensation elsewhere (e.g. new ditch).
- 2 No. 150mm dia. incoming pipes @ northern extent understood to be serving private flows/property only.
- Existing land drainage consent secured downstream (LDC/ARUN/2020/016) for works associated with BN/5/20/PL (by third party).
- ADC has confirmed issues exist in relation to the culverted watercourse between Flint Barn and Chestnuts. The newly installed system also has problems.
- ADC has stated issues need to be resolved before any connection (if required) could be considered to this system.

Discussion #3

- Discuss and understand existing land drainage issues with existing system.
- Try to establish possible remediation.
- ADC involvement required.

NOTES

A3

1. This drawing is to be read in conjunction with all other BP Civils drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
2. BP Civils accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
3. Do not scale, work to figured dimensions only. All dimensions are in millimeters unless noted otherwise and all levels are in metres from the topographic survey datum.
4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain. The main contractor is responsible for checking all information on site prior to work commencing and taking due care whilst undertaking the works.
5. All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
6. The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. Figured dimensions must be used for setting out and detailing. BP Civils logos and company information must be removed from copies if information is re-used.
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B	20/05/26	Red application boundary updated
A	29/08/24	BH09 and BH10 added
-	23/08/24	Original Issue
Rev.	Date	Amendments
BP CIVILS CONSULTING INCORPORATING BRIGHT PLAN CIVILS 2 West Barn, Old Dairy Lane, Aldingbourne, West Sussex PO20 3AF Tel: 01243 210418 www.bpcivils.co.uk enquiries@bpcivils.co.uk		
Drawing Status FOR INFORMATION NOT FOR CONSTRUCTION		
Client Luken Beck		
Project Sunnyside, Yapton Road, Barnham		
Drawing Title WSCC LLFA Pre-app Discussion Plan		
Scale at A3 1:2000	Date Aug. '24	Drawn By SPB
Checked By MJA	Project No. D2298	
Drawing No. SK200		Rev. B

APPENDICES

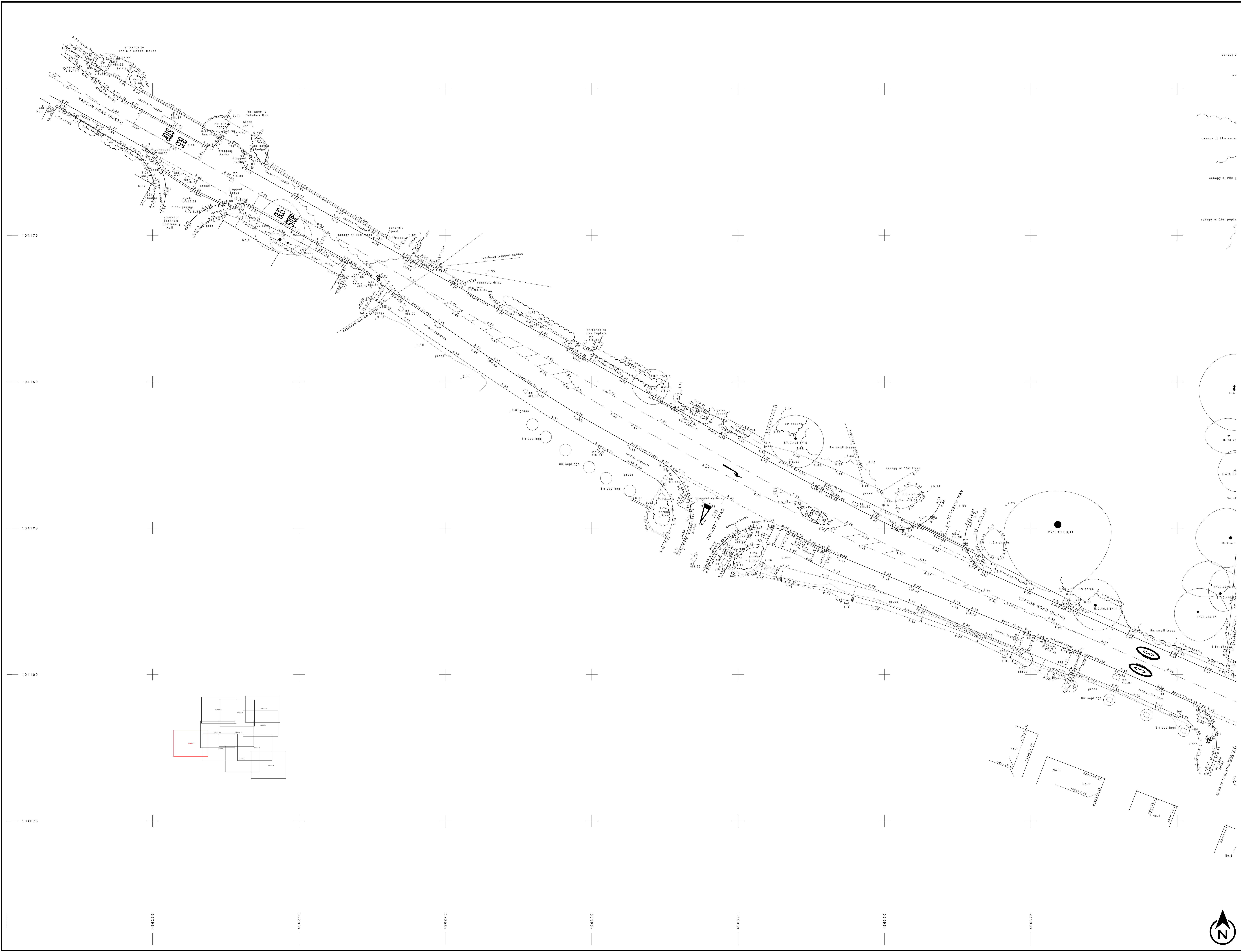
Appendix A Architectural Development Proposals



Existing Caravan/Camping Site
And Storage Area

BN/5/20/PL

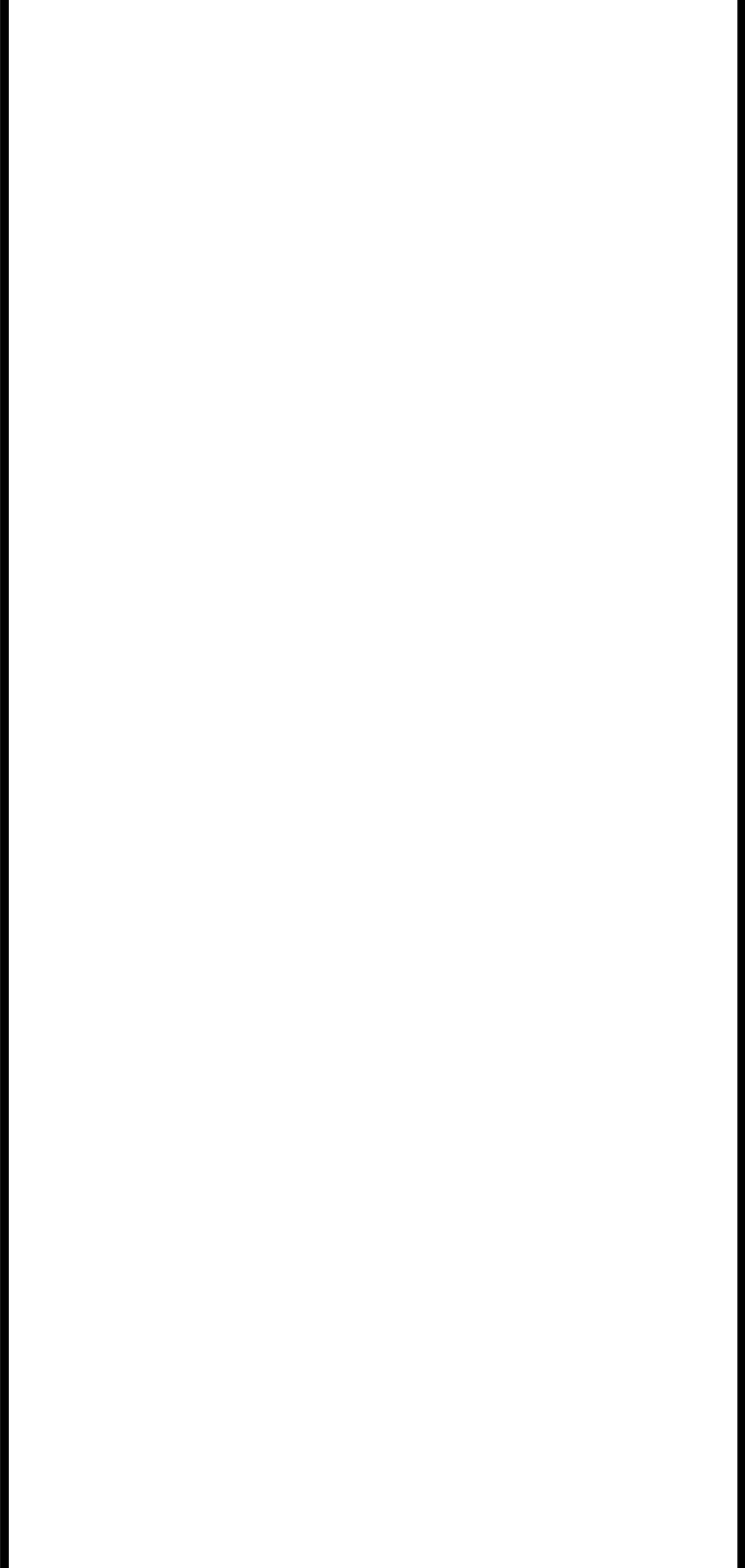
Appendix B Topographic Survey



KEY	air conditioning	post box
av	air valve	pram cross
bn	bollard	road crossing
bol	bollard	road name
bs	bus stop	road sign
ctv	cable TV	rain water
el	electric box	soakaway
ep	electricity pole	stay / s
fr	fire hydrant	stop valve
fmh	foul water manhole	soil vent
g	gas stop valve	telephone
ic	inspection cover	trial hole
kd	kerb drain	traffic
ls	litter bin	telegraph
lp	lamp post	unable to
lt	light	vent pipe
mh	manhole	water meter
mkr	marker post	wash
mhw	monitoring well	water stop
oh	overhead	yard

TREE	Species / trunk diameter / max. height
AL	ash LR
AP	apple MG
BA	bay OK
BT	blackthorn
CB	cedar PA
CH	cherry PM
CO	cypress PO
EU	eucalyptus
FM	field maple
HB	hornbeam
HC	horse chestnut
HO	holm oak
HW	hawthorn
HZ	hazel
JM	japanese maple
LB	laburnum
LO	locust

FENCES	LEVELS
bwl	barbed wire fence
cbf	closed-board fence
cp	concrete post
clf	chestnut paling fence
ckf	chicken wire fence
irf	iron railing fence
prf	post and rail fence
pwf	post and wire fence
scf	security fence
sp	steel post
wmf	wire mesh fence



REVISION A - SEPTEMBER 2024
Survey extended north to include remaining

NOTES

The survey grid has been related to OS flat earth projection and metric scale. Station HB1. Levels are related to OS the National GPS Network using OSGM

All setting out should be referenced to stations shown on this survey. Do not operate on the OS Active Network without a site calibration.

No assumptions should be made regarding interconnection of manholes. Drainage obtained from surface inspection and is of critical importance.

The position and height of adjacent buildings obtained using higher level reflector may not take account of single storey conservatories below the line of sight.



t: 023 8081 100 | siteline.co.uk

Drawing Title

SITE SURVEY

Drawing Number

657SN01A

Client

HANBURY PROPERTIES LIMITED

Contact

SUNNYSIDE
YAPTON ROAD
BARNHAM

Scale

1:200 at A0

Date

APRIL 2024

Surveyor(s)

HB BT

Drawn by

HB/BT/JBA

Checked by



KEY	air conditioning	post
av	air valve	pram cross
bn	boiler	rodding
bs	bus stop	road name
cb	cable tv down	road s
el	electric box	rain water
ep	electric pole	soakway
fr	transformer	stop
ft	fire hydrant	soil vent
fmh	foul water manhole	storm water
g	gas stop	telecoms
gv	gas valve	trial
ic	inspection cover	traffic
kd	kerb drain	telegraph
ld	litter drum	unusable
lp	lamp post	vent p
lt	light	water m
mh	manhole	wash
mkr	marker post	water stop
mw	monitoring well	yard
oh	overhead	

TREE	species / trunk diameter / max. s	
AL	ash LR	laurel
AP	apple MG	magnolia
BA	bay OK	monkey p
BT	blackthorn	oak
CB	cedar PA	pin
CH	cherry PD	plum
CO	cypress PO	poplar
EL	elder R	red o
EU	eucalyptus	redwood
FM	field maple	rhododend
FR	fruit (gen)	rowan
HB	hornbeam	silver l
HC	horse chestnut	sweet che
HO	holm oak	scots p
HW	hawthorn	spruce
HY	holly SY	sycamore
HZ	hazel TU	tulip
IB	indian bean tree	unident
JM	japanese maple	willow
LM	lamb willow	whitebe
LO	locust	walnut

FENCES	LEVELS
bwl	barbed wire fence
cbt	closed-board fence
cp	concrete post
cl	chestnut paling fence
clt	chicken wire fence
irf	iron railing fence
pft	picket fence
prf	post and rail fence
pwl	post and wire fence
scf	security fence
stf	steel post
wmf	wire mesh fence
wpf	wood panel fence

REVISION A - SEPTEMBER 2024
Survey extended north to include rema
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the National GPS Network using OSGM
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critical importance.
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Drawing Title
SITE SURVEY

Drawing Number
657SN01A

Client
HANBURY PROPERTIES LIMITED

Contract
SUNNYSIDE
YAPTON ROAD
BARNHAM

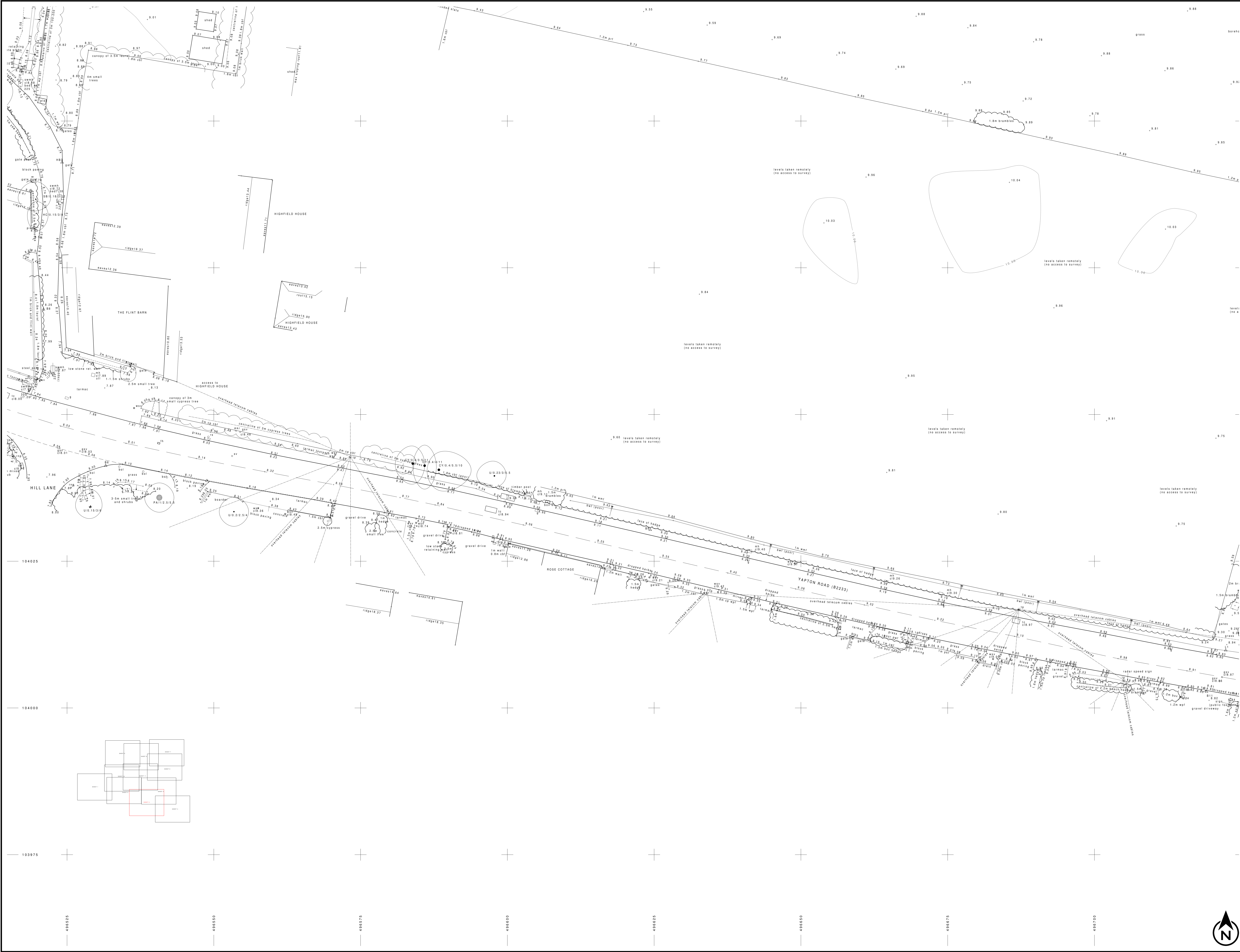
Scale
1:200 at A0

Date
APRIL 2024

Surveyor(s)
HB BT

Drawn by
HB/BT/JBA

SHEET 2 OF 2



KEY	air conditioning	post box
av	air valve	pram cross
br	braking	rodding
bol	boiler	road name
bs	bus stop	road s
ctv	cable tv cove	rain water
el	electric box	soakaw
ep	electric pole	stay / s
tr	transformer	stop w
er	earth rod	soil vent
fh	fire hydrant	storm water m
fmh	foul water manhole	telephone
g	gas stop valve	telecoms
gsv	gas stop valve	trial h
ic	inspection cover	traffic
kd	kerb drain	telegraph
li	litter bin	unable l
lp	lamp post	vent p
lt	light	water m
mh	manhole	wash c
mkr	marker post	water stop
mww	monitoring well	yard g
oh	overhead	

TREES	Species / trunk diameter / max. s
A	ash LR
AL	alder M
AP	apple MG
BA	bay OK
BT	blackthorn
CB	copper beech
CH	cherry PM
CO	cypress PO
EL	elder R
EU	eucalyptus B
FM	field maple
FR	fruit (gen) G
HB	hornbeam S
HCO	horse chestnut
HO	holm oak S
HW	hawthorn BU
HY	holly SY
HZ	hazel TU
IB	indian bean tree
JM	japanese maple
LM	lime WN
LO	locust Y

FENCES	LEVELS
bwt	barbed wire fence
cbt	closed-board fence
cp	concrete post
cl	chestnut paling fence
cd	chicken wire fence
irf	iron railing fence
prf	post and rail fence
pwt	post and wire fence
scf	security fence
sp	steel post
wmt	wire mesh fence
wpf	wood panel fence

REVISION A - SEPTEMBER 2024
Survey extended north to include rema

NOTES

The survey grid has been related to OS flat earth projection and metric scale. Station HB1. Levels are related to OS the National GPS Network using OSGM

All setting out should be referenced to stations shown on this survey. Do not operating on the OS Active Network with a site calibration.

No assumptions should be made regard interconnection of manholes. Drainage obtained from surface inspection and a critical importance.

The position and height of adjacent buildings obtained using higher level reflector. may not take account of single storey conservatories below the line of sight.



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Drawing Title

SITE SURVEY

Drawing Number

657SN01A

Client

HANBURY PROPERTIES LIMITED

Contract

SUNNYSIDE
YAPTON ROAD
BARNHAM

Scale

1:200 at A0

Date

APRIL 2024

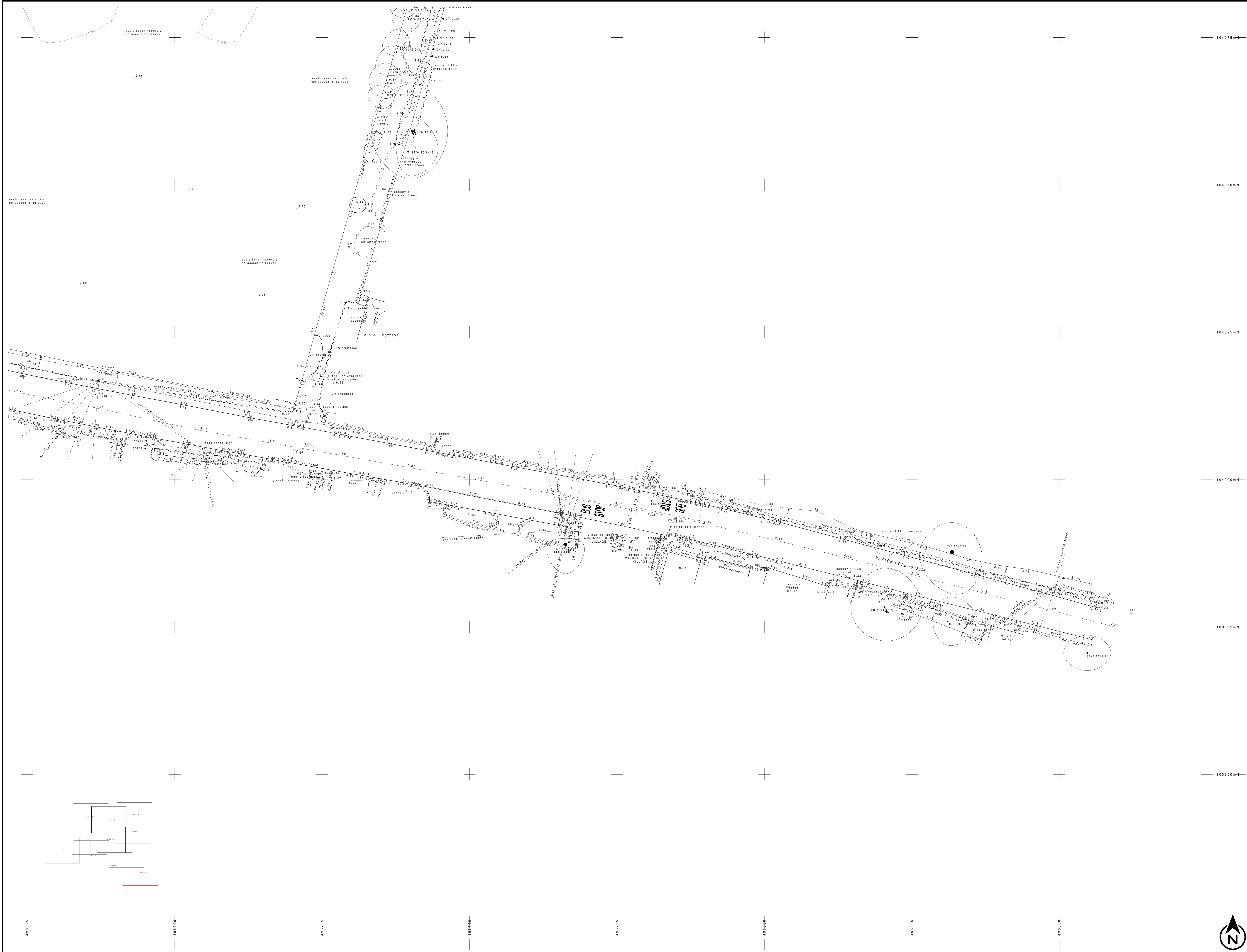
Surveyor(s)

HB BT

Checked by

HB/BT/JBA

SHEET 3 OF 3

[illegible]

REVISION A - SEPTEMBER 2024
Survey extended north to include remainder of station.

NOTES

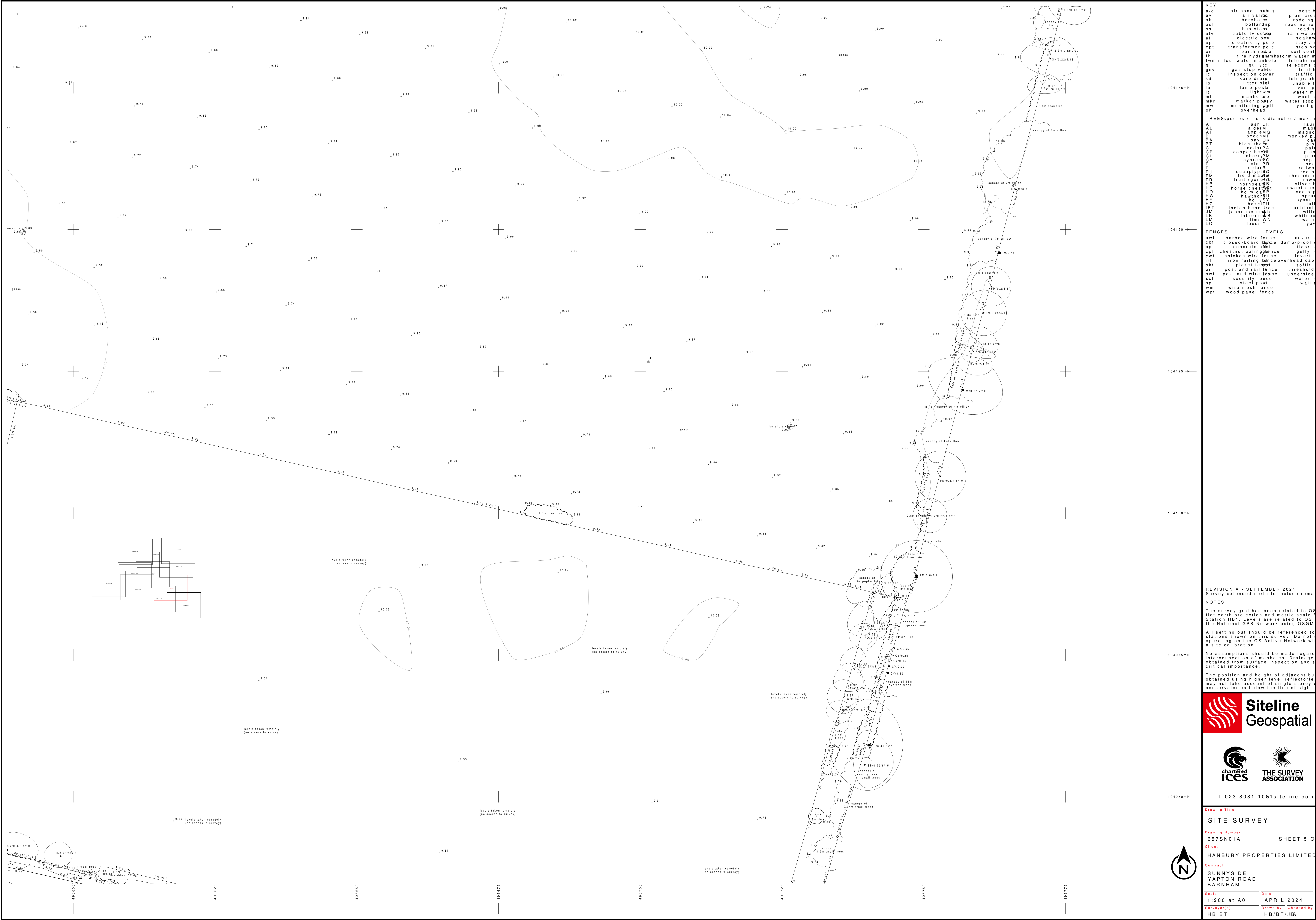
The survey grid has been related to OS flat earth projection and metric scale of Station HB1. Levels are related to OS, the National GPS Network using OSGM 11.

All setting out should be referenced to station HB1, not to any survey. Do not operate on the OS Active Network without a site calibration.

No assumptions should be made regarding the location of manholes. Drainage obtained from site inspection and is of critical importance.

The position and height of adjacent buildings obtained using higher level reflectorless total station take account of single storey conservatories below the line of sight.

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 THE SURVEY ASSOCIATION	
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<u>Drawing Title</u> SITE SURVEY	
<u>Drawing Number</u> 657SN01A	<u>Sheet</u> SHEET 4 OF 10
<u>Client</u> HANBURY PROPERTIES LIMITED	
<u>Contract</u> SUNNYSIDE YAPTON ROAD BARNHAM	
<u>Scale</u> 1:200 at A0	<u>Date</u> APRIL 2024
<u>Surveyor(s)</u> HB BT	<u>Drawn by</u> <u>Checked by</u> HB/BT/JEA



KEY	air conditioning	post box
av	air valve	pram cross
bn	bridge	rodding
bol	boiler	road name
bs	bus stop	road sign
ctv	cable tv	rain water
el	electric box	soakaway
ep	electricity pole	stay / s
fr	transformer	stop valve
er	earth rod	soil vent
fh	fire hydrant	storm water m
fmh	foul water manhole	telephone
g	gas stop valve	telecoms
gsv	gas stop valve	trial h
ic	inspection cover	traffic
kd	kerb drain	telegraph
lp	litter bin	unable l
ip	lamp post	vent p
lt	light	water m
mh	manhole	wash c
mkr	marker post	water stop
m	monitoring well	yard g
oh	overhead	

TREE	Species /	trunk diameter /	max. s
A	ash	LR	laur
AL	alder	M	map
AP	apple	MG	magn
B	beech	MP	monkey p
BA	bay	OK	oak
BT	blackthorn		pin
C	cedar	PA	plan
CB	copper beech		plan
CH	cherry	PM	popl
COY	cypress	PO	popl
EL	elder	R	redwo
EUL	eucalyptus	RB	red b
FM	field maple		rhodode
HB	hornbeam	BS	rowan
HC	horse chestnut	BT	sweet che
HO	holm oak	SP	scots p
HW	hawthorn	SU	spruce
HY	holly	SY	sycam
HZ	hazel	TU	tul
IBT	indian bean tree		unident
JM	japanese maple		willow
LM	lamb	WB	whitebe
LO	locust		waln
			yew

FENCES	LEVELS
bwl	barbed wire fence
cbf	closed-board fence
cp	concrete post
cpf	chestnut paling fence
chf	chicken wire fence
irf	iron railing fence
prf	post and rail fence
pwl	post and wire fence
scf	security fence
sp	steel post
wmf	wire mesh fence
wpf	wood panel fence

REVISION A - SEPTEMBER 2024
Survey extended north to include rema

NOTES
The survey grid has been related to OS
Station HB1. Levels are related to OS
the National GPS Network using OSGM

All setting out should be referenced to
stations shown on this survey. Do not
operating on the OS Active Network w
a site calibration.

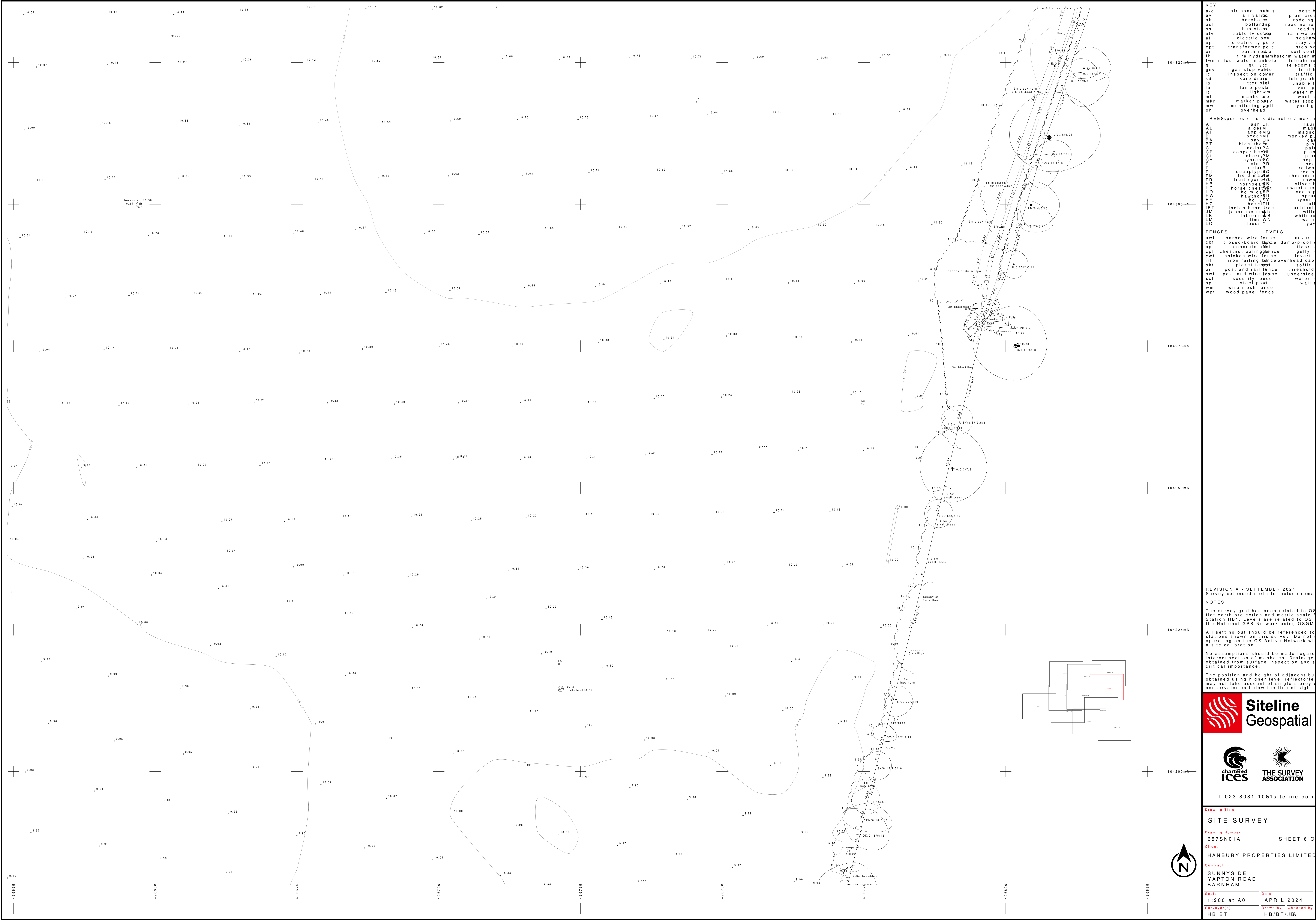
No assumptions should be made regard
interconnection of manholes. Drainage
obtained from surface inspection and a
critical importance.

The position and height of adjacent bu
obtained using higher level reflector
may not take account of single storey
conservatories below the line of sight.



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Drawing Title	
SITE SURVEY	
Drawing Number	SHEET 5 OF 5
Client	
HANBURY PROPERTIES LIMITED	
Contract	
SUNNYSIDE YAPTON ROAD BARNHAM	
Scale	Date
1:200 at A0	APRIL 2024
Surveyor(s)	Drawn by
HB BT	HB/BT/JBA



KEY	air conditioning	post box
av	air valve	pram cross
bn	benches	rodding
bol	bollards	road name
bs	bus stops	road sign
ctv	cable tv	rain water
el	electric box	soakway
ep	electric pole	stay / s
tr	transformer	stop valve
er	earth rod	soil vent
fh	fire hydrant	storm water m
fmh	foul water manhole	telephone
g	gas stop valve	telecoms
gsv	gas stop valve	trial h
ic	inspection cover	traffic
kd	kerb drain	telegraph
ld	litter drum	unable l
lp	lamp post	vent p
lt	lighting	water m
mh	manhole	wash c
mkr	marker post	water stop
mw	monitoring well	yard g
oh	overhead	

TREE	Species / trunk diameter / max. s
A	ash LR
AL	alder M
AP	apple MG
BA	bay OK
BT	blackthorn
CB	cedar PA
CH	cherry PM
CO	cypress PO
EL	elder R
EU	eucalyptus
FM	field maple
HB	hornbeam
HC	horse chestnut
HO	holm oak
HW	hawthorn
HY	holly SY
HZ	hazel TU
IB	indian bean tree
JM	japanese maple
LM	lime WN
LO	locust Y

FENCES	LEVELS
bwl	barbed wire fence
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cp	concrete post
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pwl	post and wire fence
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REVISION A - SEPTEMBER 2024
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NOTES
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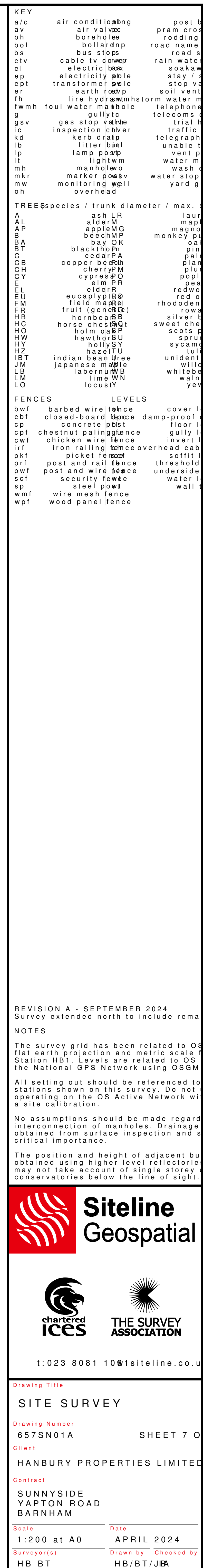
No assumptions should be made regard
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Drawing Title	
SITE SURVEY	
Drawing Number	SHEET 6 OF 6
657SN01A	
Client	HANBURY PROPERTIES LIMITED
Contract	SUNNYSIDE YAPTON ROAD BARNHAM
Scale	Date
1:200 at A0	APRIL 2024
Surveyor(s)	Drawn by
HB BT	HB/BT/JBA



KEY			
a/c	air conditioning	post	st
av	air valve	pram	cross
bb	borehole	road	riding
bol	bolton	road	road
bs	bus stops	road	g
bs	cable company	road	g
e	electric	soak	w
ep	electricity	stay	f
f	transformer	stop	ve
f	earth rock	soil	vent
g	gas	water	water
g	water	water	m
g	gully	telecoms	s
g	gully	trial	l
g	inspection cover	telegraph	g
k	kerb drain	telegraph	g
l	light	water	m
l	lamp post	vent	p
l	light	water	m
l	manhole	water	m
mkr	marker post	water stop	st
m	monitoring well	yard	g

TreeSpecies	trunk diameter / max. height	laur
AL ash LR		laur
AL ash LR		map
AL ash LR		pin
BE beechM		monkey pu
BE oak OK		pl
BT blackfinH		pin
BT sPR		pl
CH copper beech		pl
CH cherryM		pl
CY cypress O		pu
EL elm PR		pl
EL elder		pl
EU eucalyptLR		red o
FR field maple		rhodod
FR fruit (gen&E)		row
HO hornbeamB		silver B
HO horse chest		sw
HO holm asp		scots pr
HO hawthru		sw
HY hollySY		sycam
HA hazelTU		sw
IST indian beech tree		unident
JAPANES		unident
LABURNUMB		whitebe
LE lindenW		sw
LO locust		yew

FENCES	LEVELS
bwl	barbed wire fence cover 1
cbl	closed-board fence damp-proof
cp	concrete post floor 1
cpf	chestnut paling fence gully 1
cwf	chicken wire fence invert 1
irf	iron railing fence overhead cab
prf	picket fence soft 1
prk	post and rail fence threshold
pwf	post and wire fence underside
scf	security fence water 1
sp	steel post wall 1
wmf	wire mesh fence
wnf	wound nail fence

REVISION A - SEPTEMBER 2024
Survey extended north to include rema
NOTES

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Drawing Title

SITE SURVEY

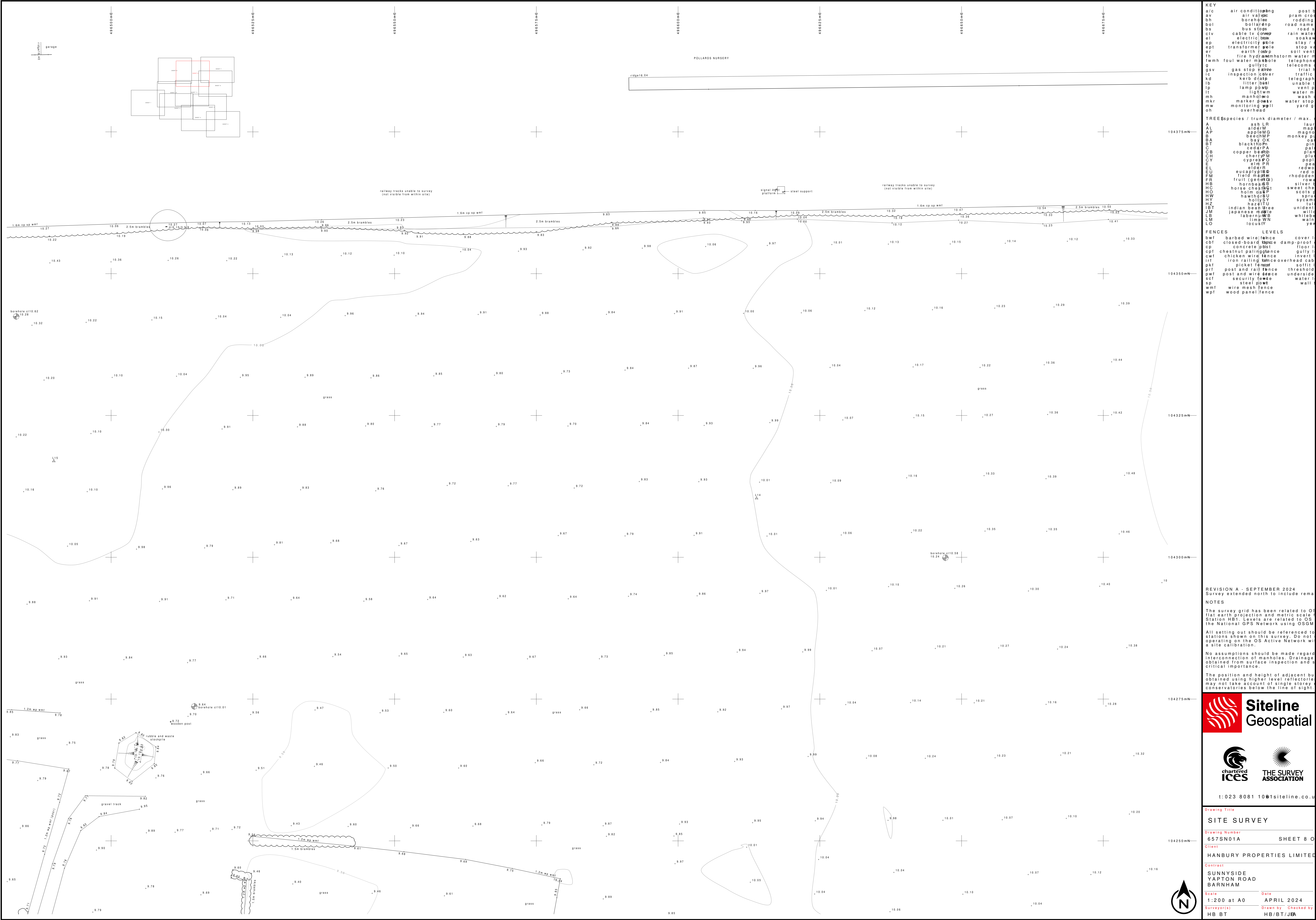
Drawing Number
657SN01A SHEET 7 OF 7

HANBURY PROPERTIES LIMITED

SUNNYSIDE
YAPTON ROAD
BARNHAM

Scale 1:200 at A0 Date APRIL 2024

Surveyor(s)	Drawn by	Checked by
HB BT	HB/BT/JBA	



KEY	air conditioning	post box
av	air valve	pram cross
bn	boiler	rodding
bol	bolthead	road name
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HO	holm oak
HW	hawthorn
HY	holly SY
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JM	japanese maple
LB	laburnum
LO	lime WN

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REVISION A - SEPTEMBER 2024
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Drawing Title
SITE SURVEY

Drawing Number
657SN01A

Client
HANBURY PROPERTIES LIMITED

Contract
SUNNYSIDE
YAPTON ROAD
BARNHAM

Scale
1:200 at A0

Date
APRIL 2024

Surveyor(s)
HB BT

Checked by
HB/BT/JBA



KEY	air conditioning	post
av	air valve	pram cross
br	barrier	roading
bol	boiler	road name
bs	bus stop	road
civ	cable tv	rain water
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CO	cypress PO
EL	elder R
EU	eucalyptus
FM	field maple
HR	hornbeam
HOC	horse chestnut
HOC	holm oak
HW	hawthorn
HY	holly SY
HZ	hazel TU
IST	indian bean tree
JM	japanese maple
LM	lamb willow
LO	locust

FENCES	LEVELS
bwl	barbed wire fence
cbf	closed-board fence
cp	concrete post
chf	chestnut paling fence
chf	chicken wire fence
irf	iron railing fence
prf	post and rail fence
pwl	post and wire fence
scf	security fence
sp	steel post
wmf	wire mesh fence
wpf	wood panel fence

REVISION A - SEPTEMBER 2024
Survey extended north to include rema

NOTES

The survey grid has been related to OS
Station HB1. Levels are related to OS
the National GPS Network using OSGM

All setting out should be referenced to
stations shown on this survey. Do not
operating on the OS Active Network with
a site calibration.

No assumptions should be made regard
interconnection of manholes. Drainage
obtained from surface inspection and a
critical importance.

The position and height of adjacent bu
obtained using higher level reflectors
may not take account of single storey
conservatories below the line of sight.

t: 023 8081 100 | siteline.co.uk

Drawing Title	SITE SURVEY
Drawing Number	657SN01A
Client	HANBURY PROPERTIES LIMITED
Contract	SUNNYSIDE YAPTON ROAD BARNHAM
Scale	1:200 at A0
Date	APRIL 2024
Surveyor(s)	HB BT
Drawn by	HB/BT/JBA



KEY	air conditioning	post box
av	air valve	pram cross
bn	boiler	rodding
bol	boiler	road name
bs	bus stop	road
ca	cable 15' down	rain water
el	electric box	soakway
ep	electric pole	stay / s
er	transformer	stop valve
fh	fire hydrant	soil vent
fmh	foul water manhole	storm water m
g	gas stop valve	telecoms
ic	inspection cover	trial
kd	kerb drain	traffic
lp	litter bin	telegraph
lt	lamp post	unable l
lt	light	vent p
mh	manhole	water m
mkr	marker post	water stop
mw	monitoring well	yard
oh	overhead	

TREE	Species / trunk diameter / max. s
A	ash LR
AL	alder M
AP	apple MG
BA	bay OK
BT	blackthorn
CB	cedar PA
CH	copper beech
CH	cherry PM
CO	cypress PO
EL	elder R
EU	eucalyptus B
FM	field maple
HB	hornbeam S
HOC	horse chestnut
HO	holm oak S
HW	hawthorn BU
HY	holly SY
HZ	hazel TU
IB	indian bean tree
JM	japanese maple
LM	lime WN
LO	locust Y

FENCES	LEVELS
bwl	barbed wire fence
cbt	closed-board fence
cp	concrete post
cp	chestnut paling fence
cp	chicken wire fence
irf	iron railing fence
prf	post and rail fence
pwl	post and wire fence
scf	security fence
sp	steel post
wmt	wire mesh fence
wp	wood panel fence

REVISION A - SEPTEMBER 2024
Survey extended north to include rema
NOTES
The survey grid has been related to OS
flat earth projection and metric scale f
Station HB1. Levels are related to OS
the National GPS Network using OSGM
All setting out should be referenced to
stations shown on this survey. Do not
operating on the OS Active Network w
a site calibration.
No assumptions should be made regard
interconnection of manholes. Drainage
obtained from surface inspection and a
critical importance.
The position and height of adjacent bu
obtained using higher level reflectorie
may not take account of single storey
conservatories below the line of sight.



t:023 8081 100 | siteline.co.uk

Drawing Title

SITE SURVEY

Drawing Number
657SN01A

Client
HANBURY PROPERTIES LIMITED

Contract
SUNNYSIDE
VAPTON ROAD
BARNHAM

Scale
1:200 at A0

Date
APRIL 2024

Surveyor(s)
HB BT

Checked by
HB/BT/JBA

SHEET 11 OF 11

Appendix C ES3 Consulting Reporting



The Old Brewhouse
Appuldurcombe House
Wroxall, Ventnor
Isle of Wight, PO38 3EW

e3sconsulting.co.uk

31 January 2024

Our ref: NN1740R01

Chris Slade
chris@cgscivils.co.uk

Attention: Mr Slade

Dear Sir,

GROUND WATER MONITORING WELL INSTALLATIONS, YAPTON ROAD, BARNHAM

This letter presents a summary of the ground water well installation undertaken by E3S Consulting Ltd (E3S) on behalf of CGS Civils Ltd (The Client) in relation to a proposed residential development at the above site.

Fieldwork was undertaken on 30 and 31 January 2024. The site works consisted of the advancement of 8 groundwater well installations (BH01 to BH08) advanced to a maximum depth of 4.00m bgl or refusal. A borehole location plan is included as **Figure 1** of this report.

The borehole location was set out based on site access and logged by a Geo-Environmental Consultant from E3S, the total number of wells was determined as part the extent of the scope as agreed with the client. The borehole logs are presented as **Appendix A** of this letter. The soil descriptions are based on field observations only, it is recommended that lab based classification testing be undertaken to confirm these descriptions if required.

Groundwater was encountered within 6 of the 8 wells at the time of drilling as detailed in Table 1 below, no further groundwater monitoring or assessment was undertaken.

Table 1: Recorded Groundwater levels at time of drilling (meters below ground level, mbgl)

Borehole ID	Groundwater level mbgl
BH01	2.10
BH02	2.30
BH03	2.30
BH04	2.40
BH05	1.70
BH06	DRY
BH07	DRY
BH08	1.50

We trust that the site works undertaken and summary letter meet your current requirements. Should you have any immediate comments or queries please do not hesitate to contact the undersigned.

Kind Regards,

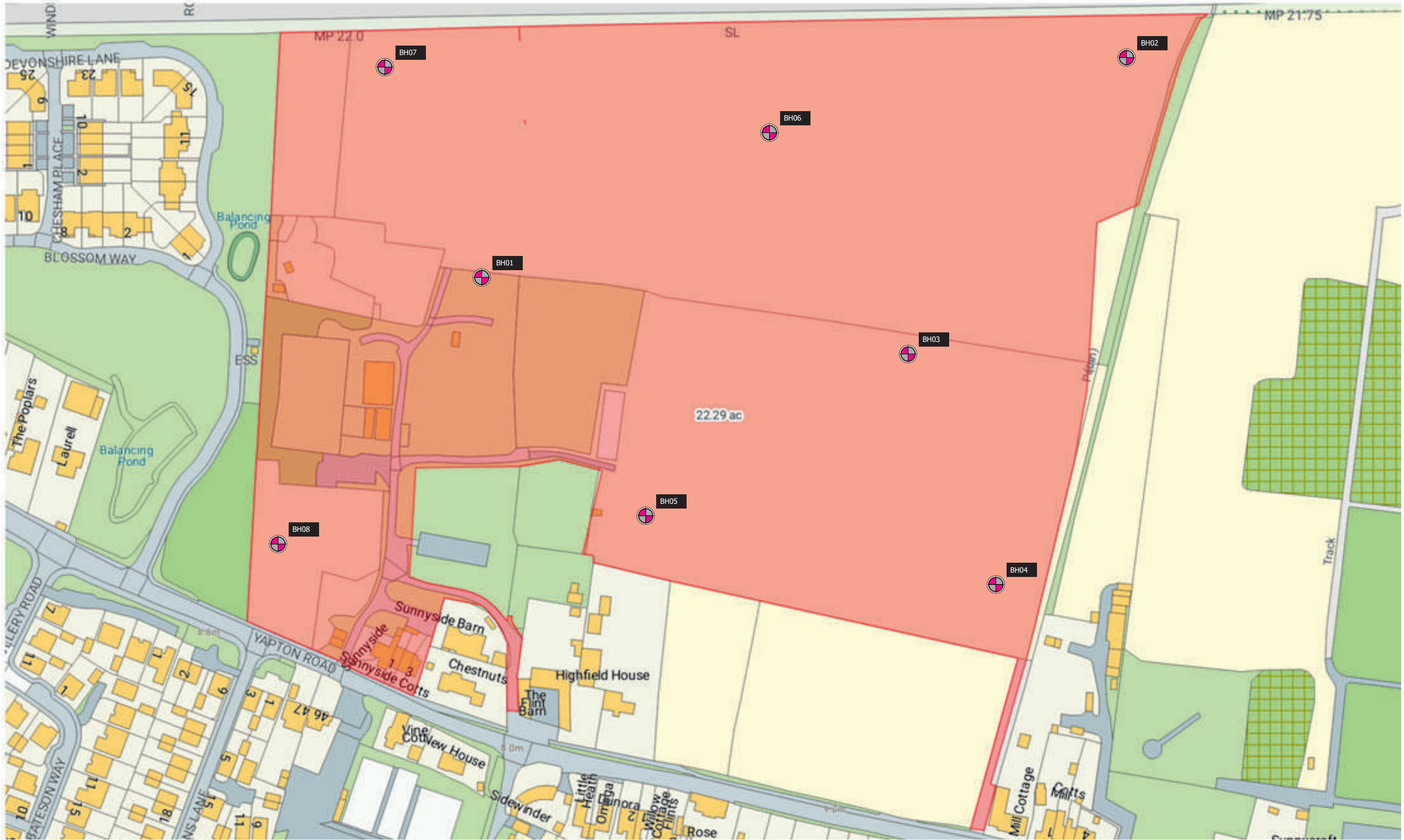
For and on behalf of E3S Consulting Ltd,

Chris Barron BSc (Hons) MEnvSc CGeol FGS

Attachments;

Figure 1 – Site & Borehole Location Plan (1 page)

Appendix A – Borehole Logs (8 Pages)



Site base plan provided by client. Locations are approximate only, no survey undertaken.

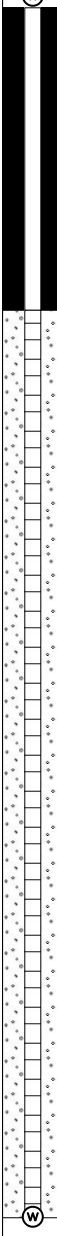
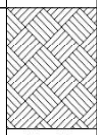
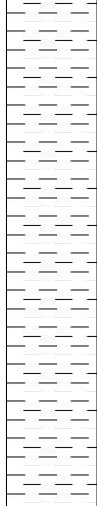
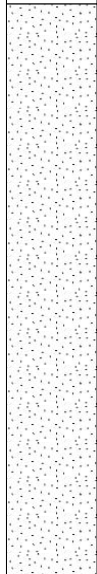
Drawn	CB		Client: CGS CIVILS		
Approved	JO		Project: GROUNDWATER MONITORING WELLS YAPTON ROAD, BARNHAM		
Date	23/01/2024		Title: WELL LOCATION PLAN		
Scale	NTS		Project no: NN1740	Figure no: FIGURE 1	Rev: 1
Original	A3				

APPENDIX A

BOREHOLE LOGS

BOREHOLE LOG

Project Name: Ground Water Well Installation			Client: CGS Civils Ltd			Date: 30/01/2024		
Location: Yapton Road, Barnham			Contractor:					
Project No. : NN1740			Crew Name:			Drilling Equipment:		
Borehole Number BH01		Hole Type BH		Level		Logged By		Scale 1:25 Page Number Sheet 1 of 1

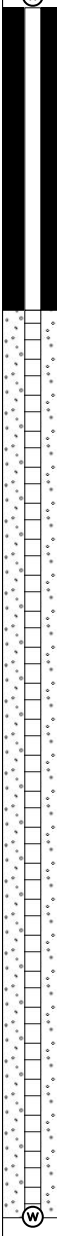
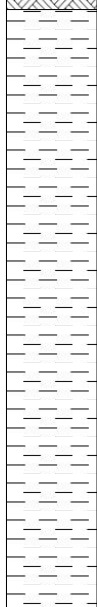
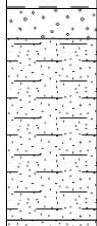
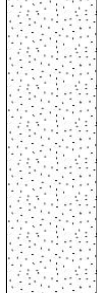
Well Ⓜ	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.40			Dark brown slightly sandy TOPSOIL.	
								Orange brown mottled grey slightly sandy CLAY sand is fine to medium grained, with rare fine sub rounded gravel.	1
					2.10			Orange brown fine to medium grained slightly silty SAND.	2
					4.00			End of Borehole at 4.000m	4
									5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks

BOREHOLE LOG

Project Name: Ground Water Well Installation			Client: CGS Civils Ltd			Date: 30/01/2024		
Location: Yapton Road, Barnham			Contractor:					
Project No. : NN1740			Crew Name:			Drilling Equipment:		
Borehole Number BH02		Hole Type BH		Level		Logged By		Scale 1:25 Page Number Sheet 1 of 1

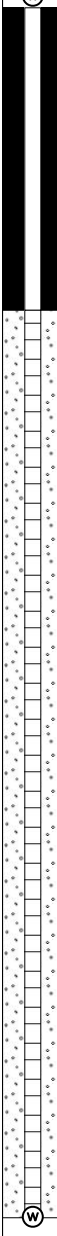
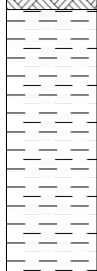
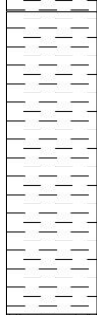
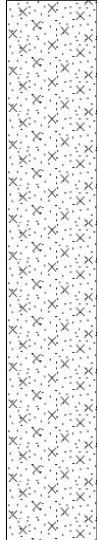
Well Ⓢ	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			Dark brown slightly sandy TOPSOIL.	
								Orange brown mottled grey slightly sandy CLAY sand is fine to medium grained, with rare fine sub rounded gravel.	1
					2.30 2.40			Off white to grey angular fine to coarse GRAVEL of flint lens. Orange brown to grey fine to medium brown Clayey SAND.	2
					3.00			Orange brown fine to medium grained slightly silty SAND.	3
					4.00			End of Borehole at 4.000m	4
									5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks

BOREHOLE LOG

Project Name: Ground Water Well Installation		Client: CGS Civils Ltd		Date: 30/01/2024	
Location: Yapton Road, Barnham		Contractor:			
Project No. : NN1740		Crew Name:		Drilling Equipment:	
Borehole Number BH03	Hole Type BH	Level	Logged By	Scale 1:25	Page Number Sheet 1 of 1

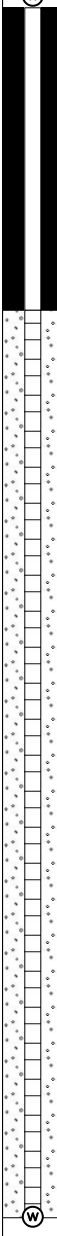
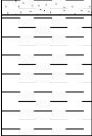
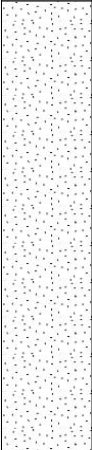
Well Ⓢ	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			Orange brown mottled grey slightly sandy CLAY sand is fine to medium grained, with rare fine sub rounded gravel.	
								Orange brown mottled grey slightly sandy CLAY sand is fine to medium grained, with rare fine sub rounded gravel.	1
					1.20			Orange brown slightly sandy slightly gravelly CLAY, gravel is fine to coarse sub angular to angular.	2
					2.20			Orange brown fine to medium silty sand becoming sand with depth.	3
					4.00			End of Borehole at 4.000m	4
									5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks

BOREHOLE LOG

Project Name: Ground Water Well Installation			Client: CGS Civils Ltd			Date: 30/01/2024		
Location: Yapton Road, Barnham			Contractor:					
Project No. : NN1740			Crew Name:			Drilling Equipment:		
Borehole Number BH04		Hole Type BH		Level		Logged By		Scale 1:25 Page Number Sheet 1 of 1

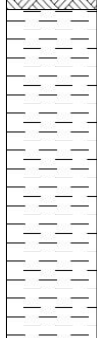
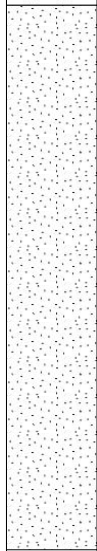
Well Ⓢ	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			Dark brown slightly sandy TOPSOIL.	
								Orange brown mottled grey slightly gravelly slightly sandy CLAY, gravel is fine to coarse sub angular to angular.	1
					2.10			Orange brown mottled grey slightly sandy CLAY sand is fine to medium grained, with rare fine sub rounded gravel.	2
					2.50			Orange brown fine to medium grained slightly silty SAND.	3
					4.00			End of Borehole at 4.000m	4
									5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks

BOREHOLE LOG

Project Name: Ground Water Well Installation		Client: CGS Civils Ltd		Date: 30/01/2024	
Location: Yapton Road, Barnham		Contractor:			
Project No. : NN1740		Crew Name:		Drilling Equipment:	
Borehole Number BH05	Hole Type BH	Level	Logged By	Scale 1:25	Page Number Sheet 1 of 1

Well Ⓢ	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			Dark brown slightly sandy TOPSOIL.	
								Orange brown mottled grey slightly sandy CLAY sand is fine to medium grained, with rare fine sub rounded gravel.	1
					1.40			Orange brown fine to medium grained slightly silty SAND.	2
					3.20			End of Borehole at 3.200m	3
									4
									5

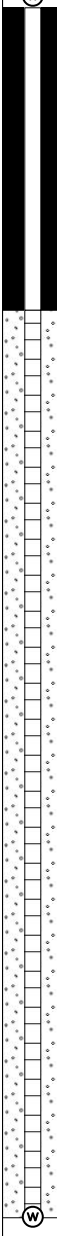
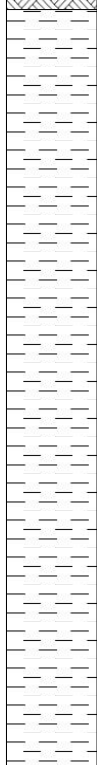
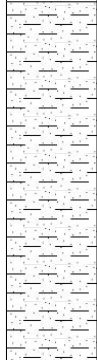
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks



BOREHOLE LOG

Project Name: Ground Water Well Installation			Client: CGS Civils Ltd			Date: 30/01/2024		
Location: Yapton Road, Barnham			Contractor:					
Project No. : NN1740			Crew Name:			Drilling Equipment:		
Borehole Number BH06		Hole Type BH		Level		Logged By		Scale 1:25 Page Number Sheet 1 of 1

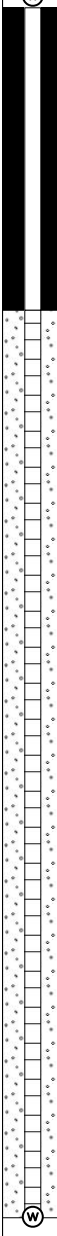
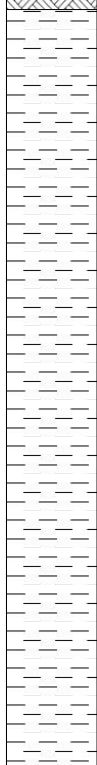
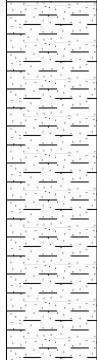
Well Ⓜ	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			Dark brown slightly sandy TOPSOIL.	
								Orange brown mottled grey slightly sandy CLAY sand is fine to medium grained, with rare fine sub rounded gravel.	1
					2.80			Orange brown Sandy CLAY sand is fine to medium grained. With lenses of fine to medium grained clayey SAND.	3
					4.00			End of Borehole at 4.000m	4
									5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks

BOREHOLE LOG

Project Name: Ground Water Well Installation		Client: CGS Civils Ltd		Date: 30/01/2024	
Location: Yapton Road, Barnham		Contractor:			
Project No. : NN1740		Crew Name:		Drilling Equipment:	
Borehole Number BH07	Hole Type BH	Level	Logged By	Scale 1:25	Page Number Sheet 1 of 1

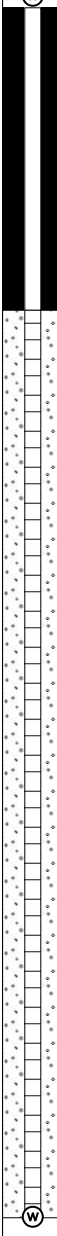
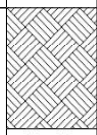
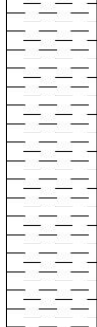
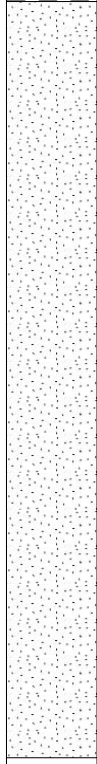
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		Depth (m)	Type	Results					
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								Orange brown mottled grey slightly sandy CLAY sand is fine to medium grained, with rare fine sub rounded gravel.	1
					2.80			Orange brown Sandy CLAY sand is fine to medium grained. With lenses of fine to medium grained clayey SAND.	3
					4.00			End of Borehole at 4.000m	4
									5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks	
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BOREHOLE LOG

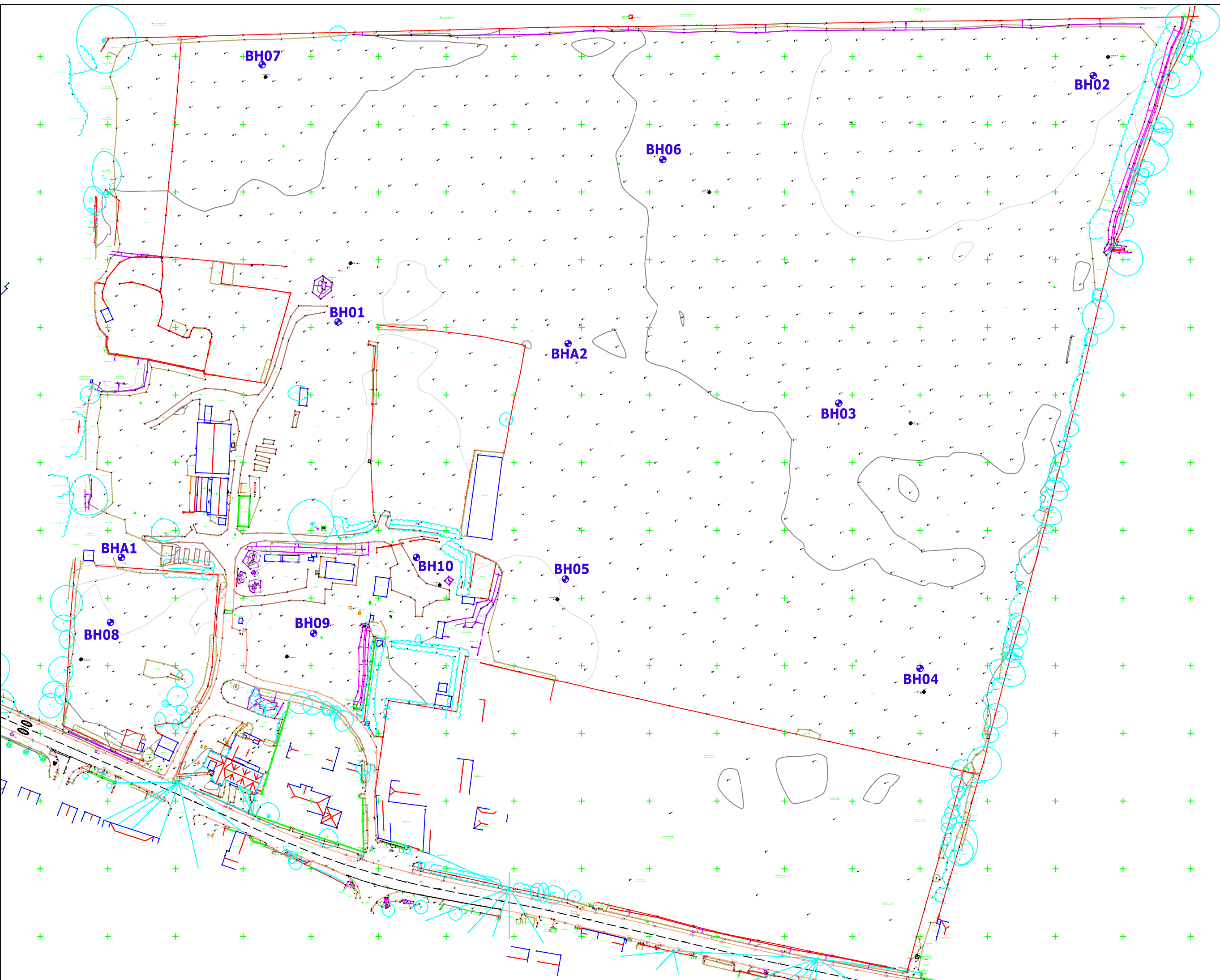
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Location: Yapton Road, Barnham			Contractor:					
Project No. : NN1740			Crew Name:			Drilling Equipment:		
Borehole Number BH08		Hole Type BH		Level		Logged By		Scale 1:25 Page Number Sheet 1 of 1

Well Ⓢ	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.40			Dark brown slightly sandy TOPSOIL.	
								Orange brown mottled grey slightly sandy CLAY sand is fine to medium grained, with rare fine sub rounded gravel.	1
					1.50			Orange brown fine to medium grained slightly silty SAND.	2
					4.00			End of Borehole at 4.000m	4
									5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks

Appendix D Ashdown Site Investigation Reporting



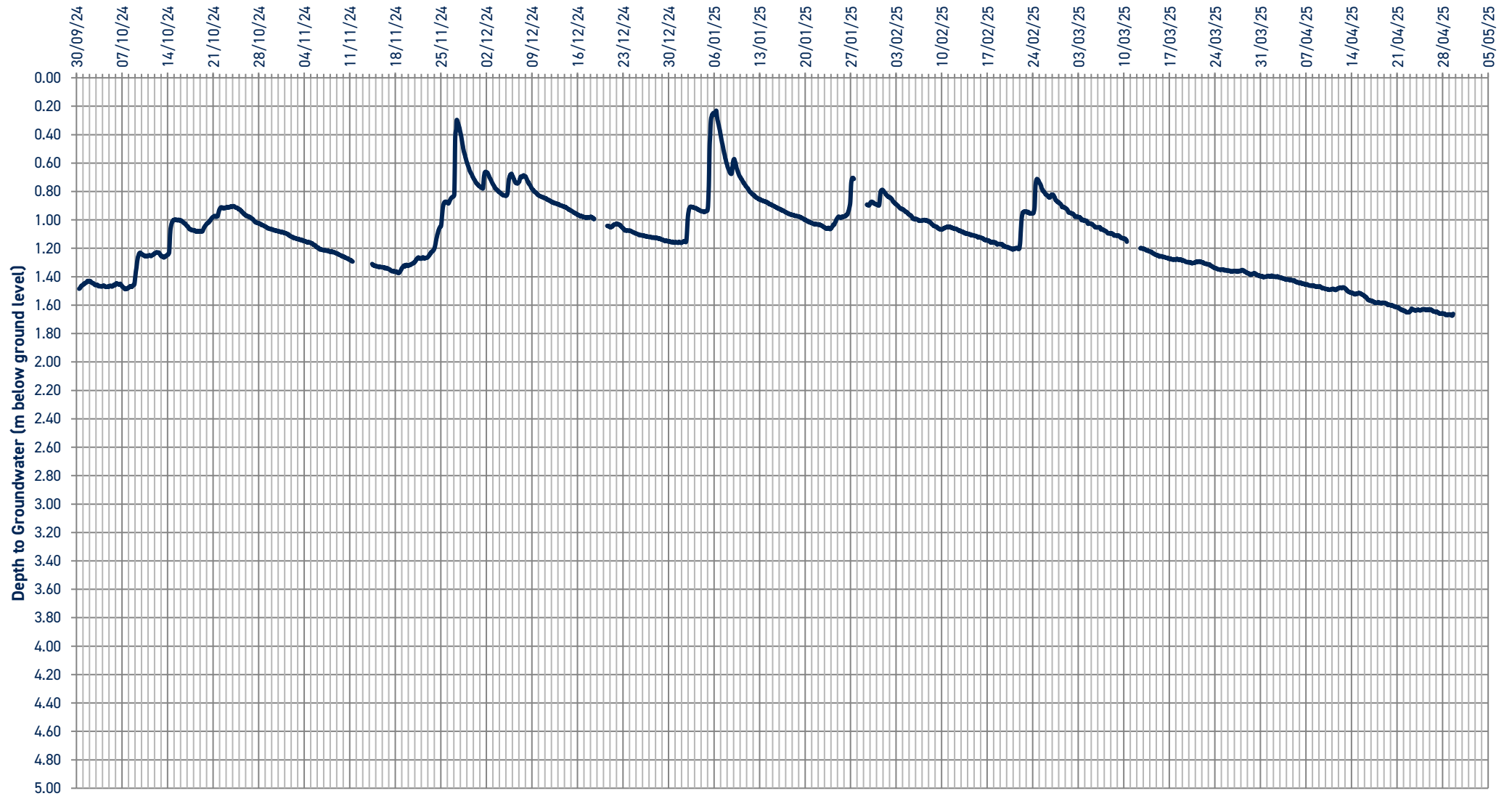
ASHDOWN SITE INVESTIGATION
L · I · M · I · T · E · D

Unit 3
The Old Grain Store
Ditchling Common Business Park
Ditchling
East Sussex
BN6 8SG
01273 483119
contact@ashdownsi.co.uk

Site:
Sunnyside Yapton Road Barnham West Sussex
Project Ref:
P16815
Figure No.
1
Drawing Title
Site Plan
Scale
NTS

Site: Sunnyside, Yapton Road, Barnham, West Sussex

Project Ref: P16815



BH01