






Key

-  Window sample borehole with falling head tests
-  Window sample boreholes
-  DCP test locations
-  Soakaway locations
-  Cable percussive boreholes with falling head tests



00	Dec 2021	Original Drawing	EB	RP	NR
Rev	Date	Description	By	Check	App.

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Client	Barchester Healthcare Ltd				
Project	57 Top Dartford Road Hextable Kent				
Office	London				
Discipline	GeoEnvironmental				
Title	Exploratory Hole Location Plan				
Scale @ A3	NTS	Status	Live		



Originator	Job Number	Discipline	Building/Zone
EB	10/1781	GEO	-
Type	Level	Drawing No.	Revision
GA	00	04	00

Birmingham 0121 2027600 | Glasgow 0141 227 5300 | London 020 39716970 | Manchester 0161 653 8000 | Newcastle 0191 2117070 | Norwich 01603 305150 | Preston 01292 475375 | Reading 0118 9417888



Project Title: 57 Top Dartford Road, Hextable

BH01

Project Number: 10/1781

Client: Barchester Healthcare Ltd.

Sheet 1 Of 5

GL (mAOD): 57.73

N Coord: 170835

E Coord: 552516

Date: 06/12/2021-07/12/2021

Method: Cable Percussion

Driller: South-Eastern Drilling Services
Logged By: EB

Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe
57.48			57.48		0.25	MADE GROUND: Grass over very soft dark brown silty sandy gravelly CLAY, with roots and rootlets. Sand is fine to coarse. Gravel is fine to coarse, subrounded to angular of flint, chalk, brick and charcoal.		
57.33			57.33		0.40			
57.23			57.23		0.50			
56.73			56.73		1.00	Soft light brown silty slightly sandy gravelly CLAY, with roots and rootlets. Sand is fine to coarse. Gravel is fine to coarse, subrounded to subangular of flint and chalk. (LEWES NODULAR CHALK FORMATION)		
56.63			56.63		1.10			
55.73			55.73		2.00	Structureless CHALK, composed of brownish white sandy gravelly SILT. Gravel is weak, low to medium density, white and subangular. (LEWES NODULAR CHALK FORMATION)		
54.73			54.73		3.00	Structureless CHALK, composed of brownish white sandy gravelly SILT, with medium cobble content. Clasts are weak, low to medium density, white and subangular. (LEWES NODULAR CHALK FORMATION)		
53.73			53.73		4.00	Structureless CHALK, composed of white, sandy gravelly SILT with medium chalk cobble content. Clasts are weak, low density, white with localised iron staining and subangular. Low subangular flint gravel and cobble content. (LEWES NODULAR CHALK FORMATION)		
52.73			52.73		5.00	Structureless CHALK, composed of cream gravelly SILT, with medium chalk cobble content. Clasts are weak, low density, white and subangular. Low subangular flint gravel and cobble content. (LEWES NODULAR CHALK FORMATION)		
51.73			51.73		6.00	Structureless CHALK, composed of greyish white gravelly SILT, with medium chalk cobble content. Clasts are weak, low density, cream to white and subangular. Subrounded to subangular flint gravel. (LEWES NODULAR CHALK FORMATION)		
						Structureless CHALK, composed of cream gravelly SILT, with medium chalk cobble content. Clasts are weak, low density, white and subangular. Lenses of brownish white chalk silt with rare rootlets. Low subangular flint gravel and cobble content. (LEWES NODULAR CHALK FORMATION)		

Borehole Continues

KEY

- D - Disturbed Sample
- B - Bulk Sample
- U - Undisturbed
- W - Water Sample
- S - Standard Penetration Test
- C - Cone Penetration Test
- N - Penetration Test 'N' Value
- V - Hand Shear Vane kPa
- Groundwater Strike
- Groundwater Level



REMARKS

No Groundwater Encountered
Location scanned with CAT prior to excavation. Borehole installed to a depth of 30.00m bgl.

Scale: 1:40

Water Strikes

Date	Strike	Level	Minutes	Casing	Sealed

Daily Log Of Depths

Chiselling

Date	Casing	Water	From	To	Hours



Project Title: 57 Top Dartford Road, Hextable

BH01

Project Number: 10/1781

Client: Barchester Healthcare Ltd.

Sheet 2 Of 5

GL (mAOD): 57.73

N Coord: 170835

E Coord: 552516

Date: 06/12/2021-07/12/2021

Method: Cable Percussion

Driller: South-Eastern Drilling Services

Logged By: EB

Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe
			47.23		10.50	Structureless CHALK, composed of cream gravelly SILT, with medium chalk cobble content. Clasts are weak, low density, white and subangular. Lenses of brownish white chalk silt with rare rootlets. Low subangular flint gravel and cobble content. (LEWES NODULAR CHALK FORMATION)		
						Structureless CHALK, composed of white to cream silty GRAVEL and occasional COBBLES. Clasts are weak, low density, white with localised iron staining and subangular. Rare subangular flint cobbles. (LEWES NODULAR CHALK FORMATION)		
						Structureless CHALK, composed of white silty GRAVEL and COBBLES. Clasts are weak, low density, white with localised iron staining and subangular. Low subangular flint cobble content. (LEWES NODULAR CHALK FORMATION)		
						Borehole Continues		

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- ▽ - Groundwater Strike
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REMARKS

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Scale: 1:40

Water Strikes

Date	Strike	Level	Minutes	Casing	Sealed

Daily Log Of Depths

Chiselling

Date	Casing	Water	From	To	Hours



Project Title: 57 Top Dartford Road, Hextable

BH01

Project Number: 10/1781

Client: Barchester Healthcare Ltd.

Sheet 3 Of 5

GL (mAOD): 57.73

N Coord: 170835

E Coord: 552516

Date: 06/12/2021-07/12/2021

Method: Cable Percussion

Driller: South-Eastern Drilling Services
Logged By: EB

Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe
						Structureless CHALK, composed of white silty GRAVEL and COBBLES. Clasts are weak, low density, white with localised iron staining and subangular. Low subangular flint cobble content. (LEWES NODULAR CHALK FORMATION)		
						Structureless CHALK, composed of cream with localised iron staining gravelly SILT, with occasional chalk cobbles. Clasts are weak, low to medium density, white and subangular. Low subangular flint gravel and cobble content. (LEWES NODULAR CHALK FORMATION)		
						Structureless CHALK, composed of white gravelly SILT, with medium chalk cobble content. Clasts are weak, low density, white with localised iron staining and subangular. Low subangular flint gravel and cobble content. (LEWES NODULAR CHALK FORMATION)		
						Borehole Continues		

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Scale: 1:40

Water Strikes

Date	Strike	Level	Minutes	Casing	Sealed

Daily Log Of Depths

Chiselling

Date	Casing	Water	From	To	Hours



Project Title: 57 Top Dartford Road, Hextable

BH01

Project Number: 10/1781

Client: Barchester Healthcare Ltd.

Sheet 4 Of 5

GL (mAOD): 57.73

N Coord: 170835

E Coord: 552516

Date: 06/12/2021-07/12/2021

Method: Cable Percussion

Driller: South-Eastern Drilling Services

Logged By: EB

Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe
						Structureless CHALK, composed of white gravelly SILT, with medium chalk cobble content. Clasts are weak, low density, white with localised iron staining and subangular. Low subangular flint gravel and cobble content. (LEWES NODULAR CHALK FORMATION)		
						25.00 - 28.00 Increased iron content.		
						Borehole Continues		

Draft

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- N - Penetration Test 'N' Value
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REMARKS

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Location scanned with CAT prior to excavation. Borehole installed to a depth of 30.00m bgl.

Scale: 1:40

Water Strikes

Date	Strike	Level	Minutes	Casing	Sealed

Daily Log Of Depths

Chiselling

Date	Casing	Water	From	To	Hours



Project Title: 57 Top Dartford Road, Hextable

BH01

Project Number: 10/1781

Client: Barchester Healthcare Ltd.

Sheet 5 Of 5

GL (mAOD): 57.73

N Coord: 170835

E Coord: 552516

Date: 06/12/2021-07/12/2021

Method: Cable Percussion

Driller: South-Eastern Drilling Services
Logged By: EB

Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe
						Structureless CHALK, composed of white gravelly SILT, with medium chalk cobble content. Clasts are weak, low density, white with localised iron staining and subangular. Low subangular flint gravel and cobble content. (LEWES NODULAR CHALK FORMATION)		
						End Of Borehole At 30.00 m		

Draft

KEY

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REMARKS

No Groundwater Encountered
Location scanned with CAT prior to excavation. Borehole installed to a depth of 30.00m bgl.

Scale: 1:40

Water Strikes

Date	Strike	Level	Minutes	Casing	Sealed

Daily Log Of Depths

Chiselling

Date	Casing	Water	From	To	Hours



Project Title: 57 Top Dartford Road, Hextable

BH02

Project Number: 10/1781

Client: Barchester Healthcare Ltd.

Sheet 1 Of 4

GL (mAOD): 56.98

N Coord: 170843

E Coord: 552541

Date:

Method: Cable Percussion

Driller: South-Eastern Drilling Services
Logged By: EB

Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe
56.73			0.25		0.25	MADE GROUND: Grass over very soft dark brown silty sandy gravelly CLAY, with roots and rootlets. Sand is fine to coarse. Gravel is fine to coarse, subrounded to subangular of flint, chalk, brick and charcoal.		
56.08			0.90		0.90	MADE GROUND: Very soft light brown sandy gravelly CLAY, with roots and rootlets. Sand is fine to coarse. Gravel is fine to coarse, subrounded to subangular of flint, chalk, brick and charcoal.		
55.98			1.00		1.00			
55.83			1.15		1.15			
55.48			1.50		1.50	Structureless CHALK, composed of brownish white sandy gravelly SILT. Gravel is weak, low to medium density, white and subangular. (LEWES NODULAR CHALK FORMATION)		
54.98			2.00		2.00	Structureless CHALK, composed of white silty GRAVEL. Gravel is weak, low to medium density, white and subangular. (LEWES NODULAR CHALK FORMATION)		
53.98			3.00		3.00	Structureless CHALK, composed of white to greyish white gravelly SILT, with medium chalk cobble content. Clasts are weak, low density, white and subangular. Occasional subangular flint cobbles. (LEWES NODULAR CHALK FORMATION)		
52.98			4.00		4.00	2.50 Subangular flint boulders.		
51.98			5.00		5.00			
50.98			6.00		6.00	Structureless CHALK, composed of white gravelly SILT, with chalk cobbles. Clasts are weak, low density, white and subangular. Low subangular flint cobble content. (LEWES NODULAR CHALK FORMATION)		
						Borehole Continues		

KEY

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- S - Standard Penetration Test
- C - Cone Penetration Test
- N - Penetration Test 'N' Value
- V - Hand Shear Vane kPa
- Groundwater Strike
- Groundwater Level



REMARKS

No Groundwater Encountered
Location scanned with CAT prior to excavation. Borehole backfilled with arisings upon completion.

Scale: 1:40

Water Strikes

Date	Strike	Level	Minutes	Casing	Sealed

Daily Log Of Depths

Chiselling

Date	Casing	Water	From	To	Hours



Project Title: 57 Top Dartford Road, Hextable

BH02

Project Number: 10/1781

Client: Barchester Healthcare Ltd.

Sheet 2 Of 4

GL (mAOD): 56.98

N Coord: 170843

E Coord: 552541

Date:

Method: Cable Percussion

Driller: South-Eastern Drilling Services
Logged By: EB

Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe
						Structureless CHALK, composed of white gravelly SILT, with chalk cobbles. Clasts are weak, low density, white and subangular. Low subangular flint cobble content. (LEWES NODULAR CHALK FORMATION)		
						Structureless CHALK, composed of white gravelly SILT. Gravel is weak, low to medium density, white and subangular. Rare subangular flint cobbles. (LEWES NODULAR CHALK FORMATION)		
						Structureless CHALK, composed of white to cream with localised iron staining, gravelly SILT, with chalk cobbles. Clasts are weak, low density, white and subangular. Low subangular flint cobble content. (LEWES NODULAR CHALK FORMATION) 12.50 - 13.50 Increased flint cobble content.		
						Borehole Continues		

Draft

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- V - Hand Shear Vane kPa
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- ▼ - Groundwater Level



REMARKS

No Groundwater Encountered
Location scanned with CAT prior to excavation. Borehole backfilled with arisings upon completion.

Scale: 1:40

Water Strikes

Date	Strike	Level	Minutes	Casing	Sealed

Daily Log Of Depths

Chiselling

Date	Casing	Water	From	To	Hours



Project Title: 57 Top Dartford Road, Hextable

BH02

Project Number: 10/1781

Client: Barchester Healthcare Ltd.

Sheet 3 Of 4

GL (mAOD): 56.98

N Coord: 170843

E Coord: 552541

Date:

Method: Cable Percussion

Driller: South-Eastern Drilling Services

Logged By: EB

Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe
						Structureless CHALK, composed of white to cream with localised iron staining, gravelly SILT, with chalk cobbles. Clasts are weak, low density, white and subangular. Low subangular flint cobble content. (LEWES NODULAR CHALK FORMATION) 13.50 - 14.00 Increased iron content.		
						Structureless CHALK, composed of white to cream with localised iron staining, gravelly SILT, with chalk cobbles, localised iron staining and increasing silt content with depth. Clasts are weak, low density, white and subangular. Increasing subangular flint cobble content with depth. (LEWES NODULAR CHALK FORMATION)		
						Borehole Continues		

KEY

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REMARKS

No Groundwater Encountered
Location scanned with CAT prior to excavation. Borehole backfilled with arisings upon completion.

Scale: 1:40

Water Strikes

Date	Strike	Level	Minutes	Casing	Sealed

Daily Log Of Depths

Chiselling

Date	Casing	Water	From	To	Hours



Project Title: 57 Top Dartford Road, Hextable

BH02

Project Number: 10/1781

Client: Barchester Healthcare Ltd.

Sheet 4 Of 4

GL (mAOD): 56.98

N Coord: 170843

E Coord: 552541

Date:

Method: Cable Percussion

Driller: South-Eastern Drilling Services

Logged By: EB

Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe
						Structureless CHALK, composed of white gravelly SILT, with chalk cobbles, localised iron staining and increasing silt content with depth. Clasts are weak, low density, white and subangular. Increasing subangular flint cobble content with depth. (LEWES NODULAR CHALK FORMATION) End Of Borehole At 20.00 m		

Draft

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REMARKS

No Groundwater Encountered
Location scanned with CAT prior to excavation. Borehole backfilled with arisings upon completion.

Scale: 1:40

Water Strikes

Date	Strike	Level	Minutes	Casing	Sealed

Daily Log Of Depths

Chiselling

Date	Casing	Water	From	To	Hours