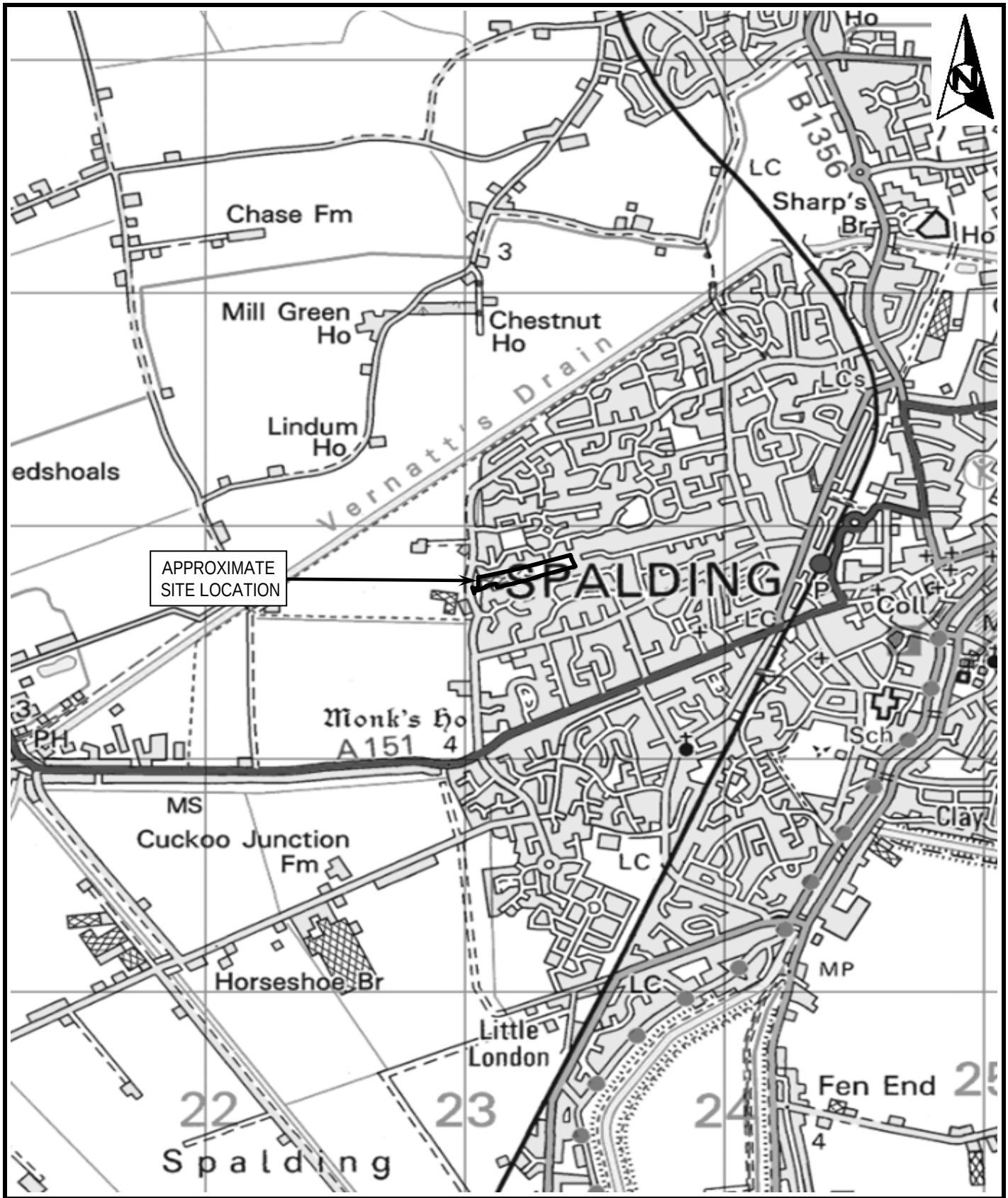
APPENDIX I

Site Location Plan
(Figure No. D44101/01)



Project No.	D44101	Drawn	SJ
Client	Seagate Homes	Checked	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Approved	PK
		Scale	NTS
		Date Drawn	03/03/2025
Title	Site Location Plan	Rev.	
		Figure No.	D44101/01

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APPENDIX II

Proposed Site Layout Plan

MONKS HOUSE LANE, SPALDING

NOTES:

All dimensions to be checked on site prior to construction or off-site fabrication by the Contractor, his Sub-contractor or Supplier.

Do not scale plans - use figure or grid dimensions where given.
Any deviation from the drawing is to be reported to the originator immediately.

IF IN DOUBT ASK !

1:500 @ A1

0 10 50

LEGEND

- Application Site Boundary
- Proposed Housing
- Existing Surrounding Buildings
- Private Rear Garden Area
- Private Front Garden Area
- Public Open / Green Space (Wildflower mix, Emorsgate EM3)
- Adoptable road/ Footpaths
- Adoptable roads and footpaths to be Tarmac (Contrasting block paved areas to denote key/junction locations)
- Block paving across roadways, drives and parking bays to be Marshalls or equivalent keyblock natural with charcoal paving denoting parking spaces. Tarmac areas to have concrete edge to denote.
- Existing Tree Planting - Retained
- Trees to be removed (Please refer to Tree Constraints Plan by Andrew Belson)
- Proposed Tree Planting
- Extensive 'Woodland' planting
  Tree planting to replace existing trees that become removed from site frontage. Existing trees classed as low quality and planned for removal.
- Proposed Hedge/Shrub planting. Refer to landscaping plans for full extent.
- Individual bin points (1No 600mm² paving slab to be used at plot curtilledge) BCP
- Natural wildflower/ Fern and grasses (multiple heights)
- Timber shed for secure cycle storage (or garage)

House Type Schedule

1 Bed Houses			
S102	(52.2m² / 562.10 ft²)	9, 10, 11, 12	4
S153	(49.76m² / 535.61 ft²)	44, 45	2
2 Bed Houses			
S213	(68.61² / 738.5ft²)	13, 14, 15, 16, 20, 21, 22, 23, 24, 25, 26, 33, 34, 35, 40, 41, 42, 43, 48, 49, 50, 51, 52, 53, 54, 55, 66, 67	28
3 Bed Houses			
S301 V4	(86.6m² / 932ft²)	1	1
S301 V5	(86.6m² / 932ft²)	30	1
S303 V4	(83.1m² / 894ft²)	2, 3, 4, 5, 62, 63, 64, 65	8
S306 V3	(86.8m² / 934ft²)	68	1
S312 V2	(89.3m² / 961 ft²)	8, 17, 27	3
S318 V2	(77.9m²/ 838.51 ft²)	7, 19, 31, 37, 46, 58, 61, 69	8
S319 V2	(83.46m² / 898ft²)	6, 18, 32, 36, 47, 59, 60, 70	8
4 Bed Houses			
S430 V3	(124.6m²/1341.19ft²)	28, 29, 38, 39, 56, 57	6

Total = 70

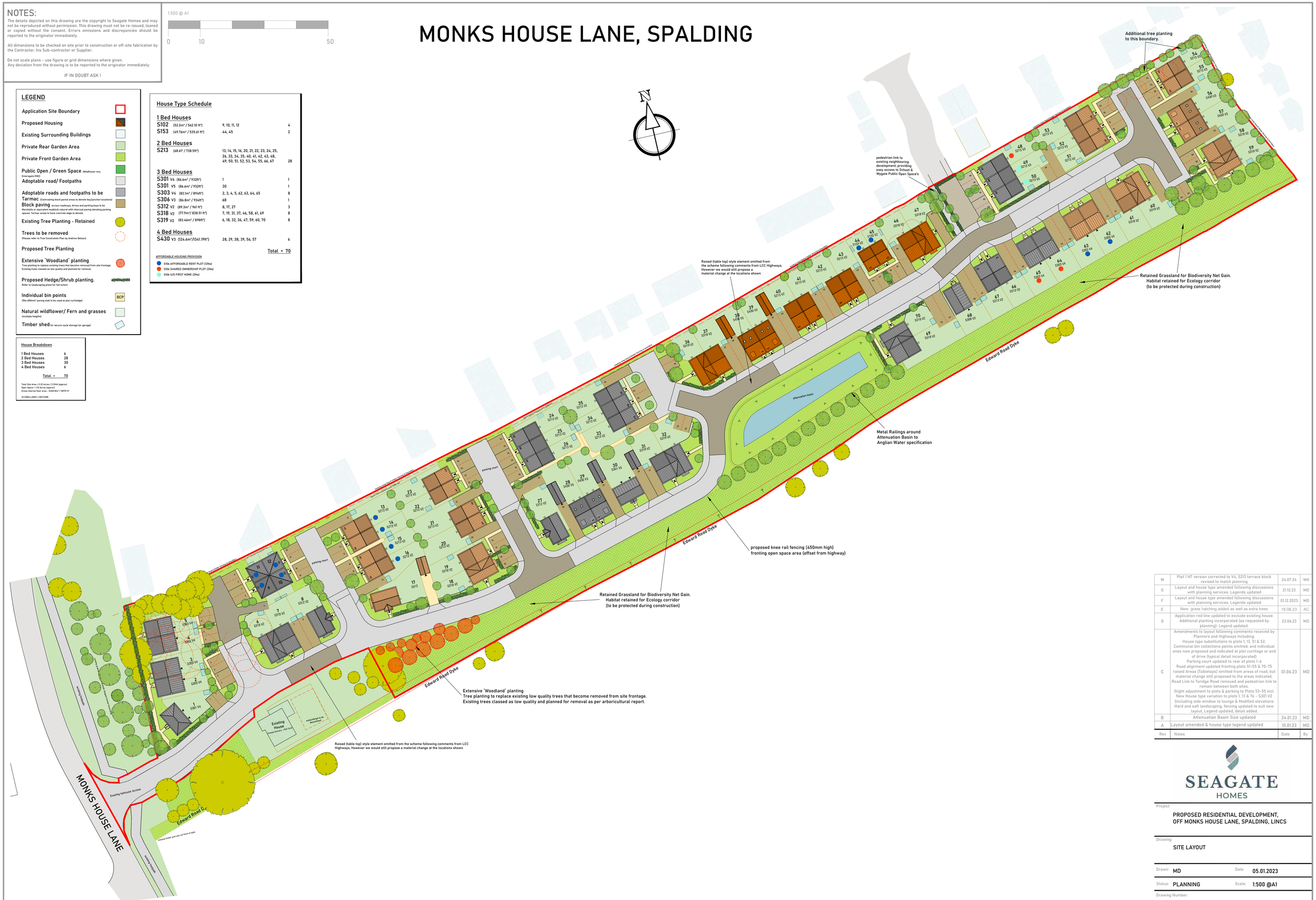
AFFORDABLE HOUSING PROVISION
- S106 AFFORDABLE RENT PLOT (12No)
- S106 SHARED OWNERSHIP PLOT (3No)
- S106 S/O FIRST HOME (2No)

House Breakdown

1 Bed Houses	6
2 Bed Houses	28
3 Bed Houses	30
4 Bed Houses	6
Total =	70

Total Site Area = 5.32 Acres / 2.15HA (approx)
Open Space = 1.22 Acres (approx)
Gross internal floor area - 5438.5m² / 58751 ft²

32 DWELLINGS / HECTARE



Rev	Notes	Date	By
H	Plot 1 HT version corrected to V4, S213 terrace block revised to match planning	24.07.24	WK
G	Layout and house type amended following discussions with planning services. Legends updated	21.12.23	MD
F	Layout and house type amended following discussions with planning services. Legends updated	01.12.2023	MD
E	New grass hatching added as well as extra trees	16.08.23	AC
D	Application red line updated to exclude existing house. Additional planting incorporated (as requested by planning). Legend updated.	23.06.23	MD
C	Amendments to layout following comments received by Planners and Highways Including: House type substitutions to plots 1, 13, 51 & 52. Communal bin collections points omitted, and individual ones now proposed and indicated at plot curtilage or end of drive (typical detail incorporated) Parking court updated to rear of plots 1-6 Road alignment updated fronting plots 51-55 & 70-75 raised Areas (Tabletops) omitted from areas of road, but material change still proposed to the areas indicated. Road Link to Toridge Road removed and pedestrian link to remain between both sites. Slight adjustment to plots & parking to Plots 53-55 incl. New House type variation to plots 1, 13 & 76 - S301 V2 (including side window to lounge & Modified elevations Hard and soft landscaping, fencing updated to suit new layout, Legend updated, detail added.	01.06.23	MD
B	Attenuation Basin Size updated	24.01.23	MD
A	Layout amended & house type legend updated	10.01.23	MD

SEAGATE HOMES

Project:
PROPOSED RESIDENTIAL DEVELOPMENT,
OFF MONKS HOUSE LANE, SPALDING, LINCS

Drawing:
SITE LAYOUT

Drawn: MD Date: 05.01.2023

Status: PLANNING Scale: 1:500 @A1

Drawing Number:
MHL-SH-PD-SL-1002 H

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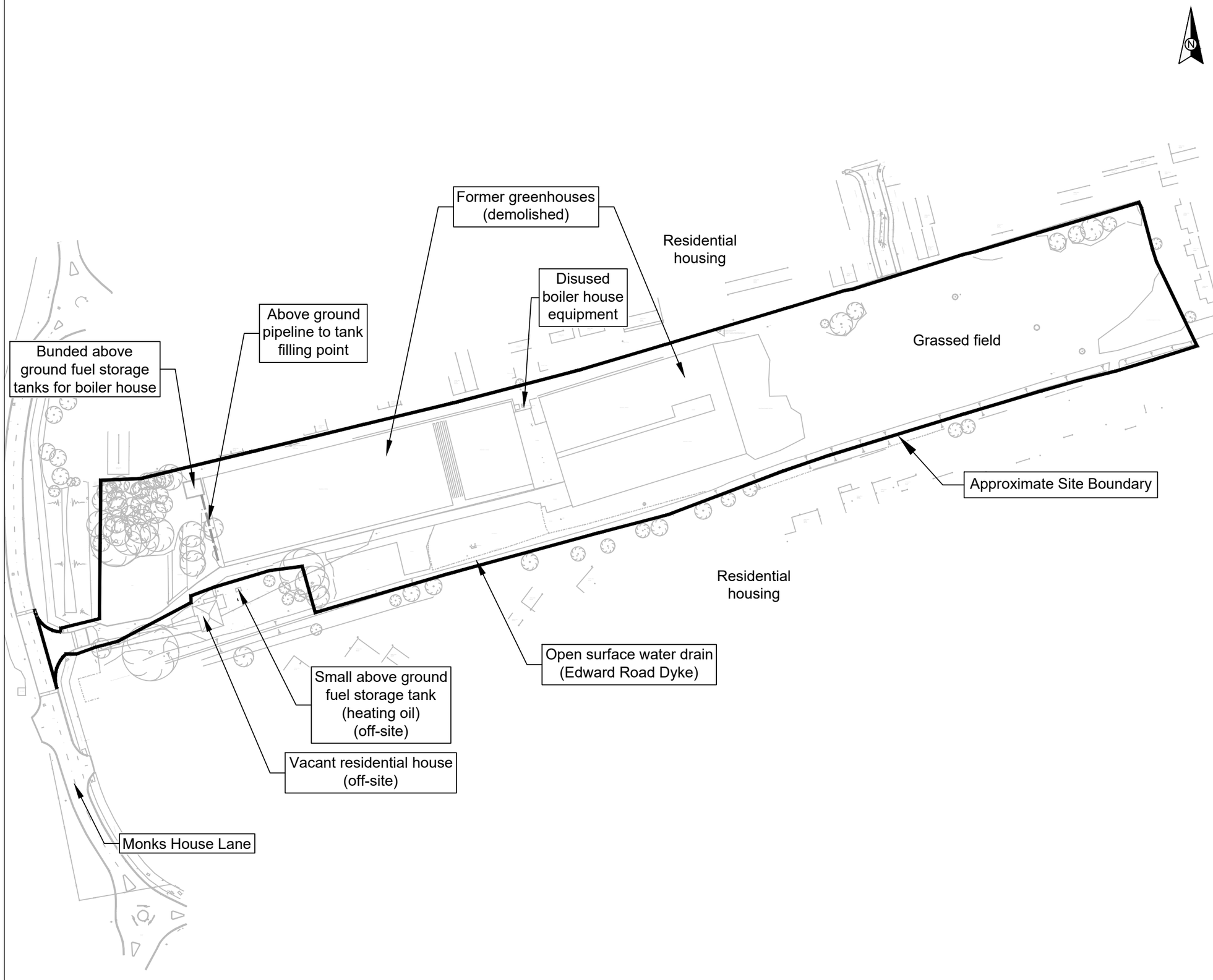
APPENDIX III

Annotated Site Plan
(Figure No. D44101/02)



Project No.	D44101
Client	Seagate Homes
Project	Ivanda Nursery, Monks House Lane, Spalding
Title	Annotated Site Plan

Drawn By	SJ
Checked By	DB
Approved By	PK
Scale	NTS
Date Drawn	27/02/2025
Revision	
Figure No.	D44101/02

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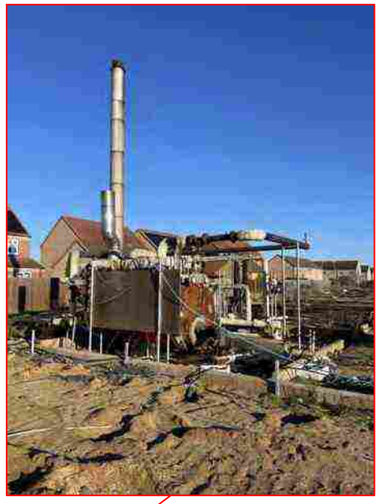
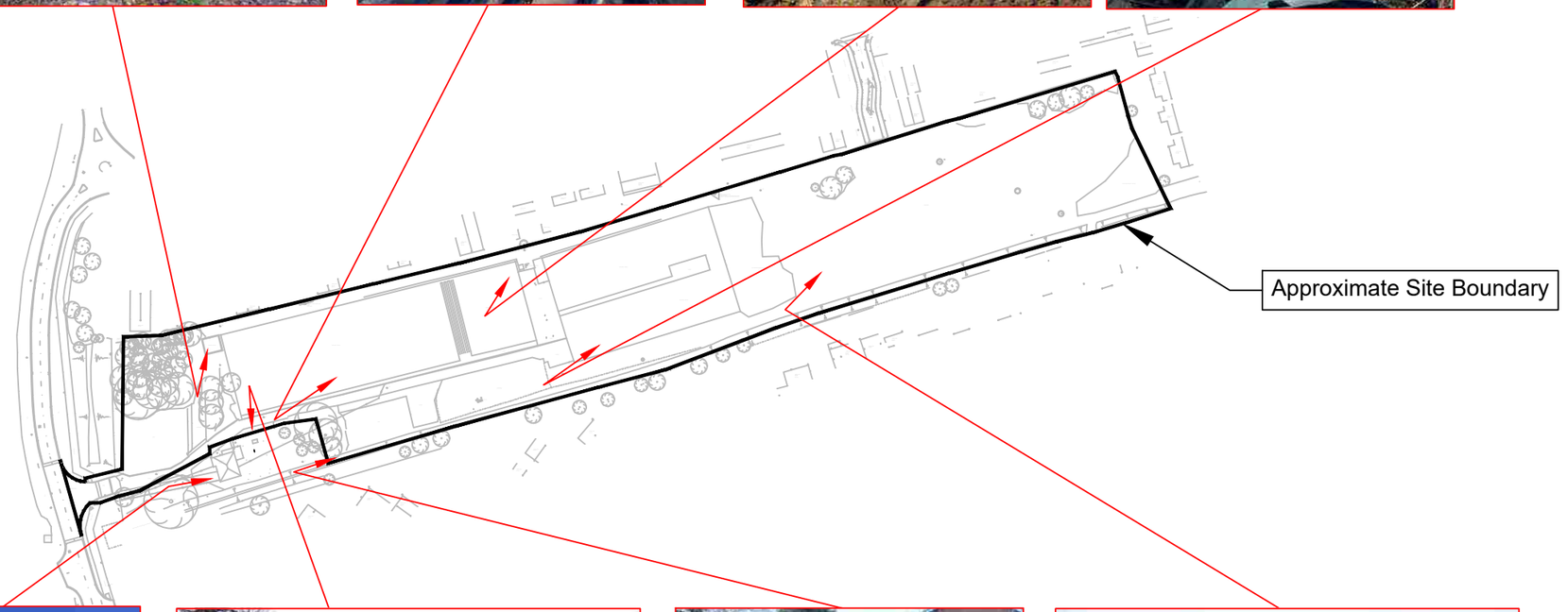
APPENDIX IV

Site Plan Showing General Site Views
(Figure No. D44101/03)





- Drawing based on Topographical Survey by MFM Land Surveys & Engineering Services Ltd Drawing No. 16170503-SEA-MONK -3D-TOPO Rev B Dated: 27/11/2022. Used, edited and reproduced with permission of the Client.

Project No.	D44101
Client	Seagate Homes
Project	Ivanda Nursery, Monks House Lane, Spalding
Title	Site Plan Showing General Site Views
Drawn By	SJ
Checked By	DB
Approved By	PK
Scale	NTS
Date Drawn	27/02/2025
Revision	
Figure No.	D44101/03

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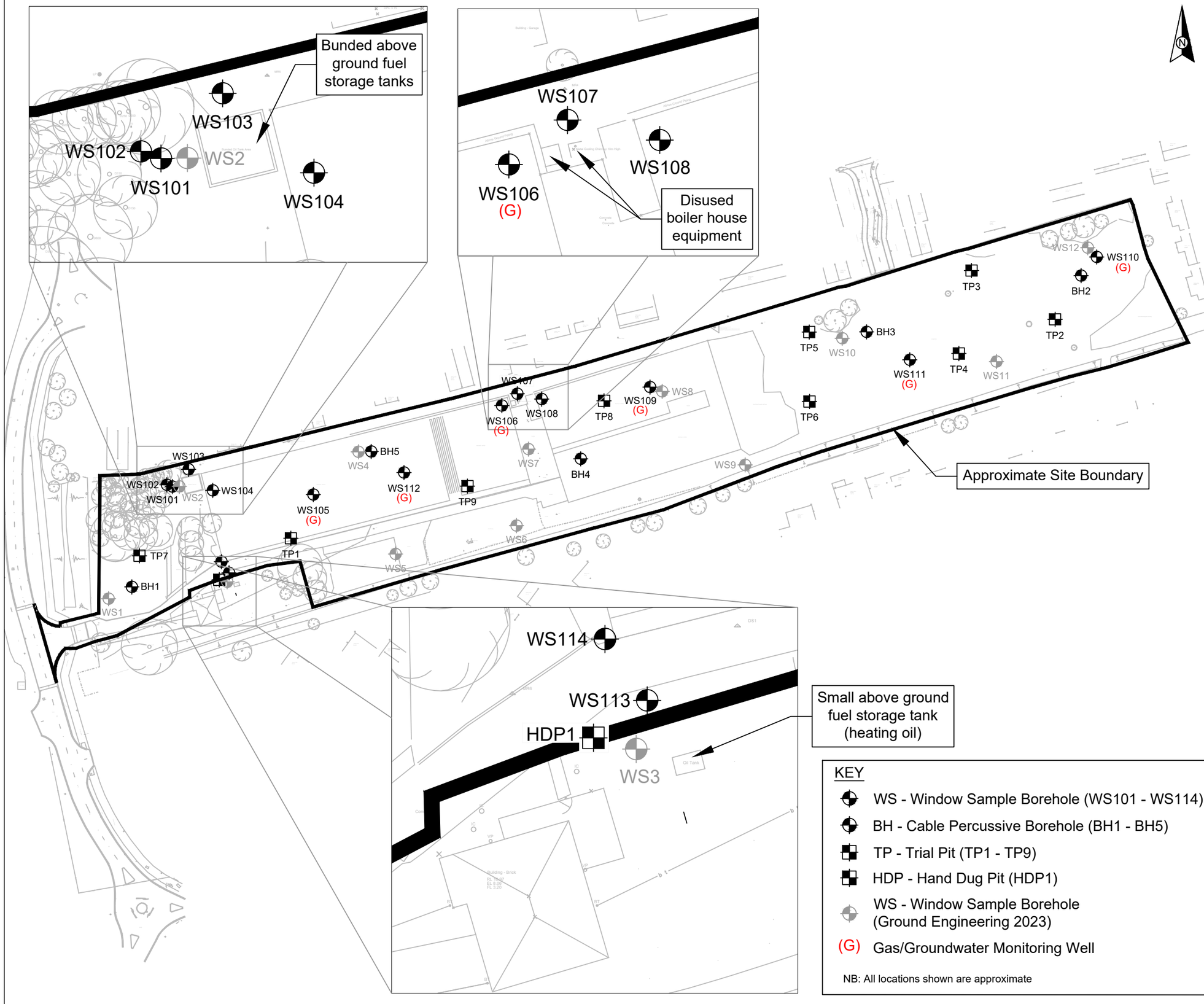
APPENDIX V

Exploratory Hole Location Plans
(Figure No. D44101/04a & D44101/04b)



KEY

- WS - Window Sample Borehole (WS101 - WS114)
- BH - Cable Percussive Borehole (BH1 - BH5)
- TP - Trial Pit (TP1 - TP9)
- HDP - Hand Dug Pit (HDP1)
- WS - Window Sample Borehole (Ground Engineering 2023)
- (G) Gas/Groundwater Monitoring Well

NB: All locations shown are approximate

Project No.	D44101
Client	Seagate Homes
Project	Ivanda Nursery, Monks House Lane, Spalding
Title	Exploratory Hole Location Plan
Drawn By	SJ
Checked By	DB
Approved By	PK
Scale	NTS
Date Drawn	27/02/2025
Revision	
Figure No.	D44101/04a

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KEY

- WS - Window Sample Borehole (WS101 - WS114)
- BH - Cable Percussive Borehole (BH1 - BH5)
- TP - Trial Pit (TP1 - TP9)
- HDP - Hand Dug Pit (HDP1)
- WS - Window Sample Borehole (Ground Engineering 2023)
- (G) Gas/Groundwater Monitoring Well

NB: All locations shown are approximate

Project No.	D44101
Client	Seagate Homes
Project	Ivanda Nursery, Monks House Lane, Spalding
Title	Exploratory Hole Location Plan with Proposed Site Layout
Drawn By	SJ
Checked By	DB
Approved By	PK
Scale	NTS
Date Drawn	27/02/2025
Revision	
Figure No.	D44101/04b

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APPENDIX VI

Exploratory Hole Logs
(WS101 to WS114, TP1 to TP9, HDP1 and BH1 to BH5)

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WS101

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
				Dark brown slightly sandy clayey topsoil with roots (upto 10mm diameter) and fine to coarse subangular gravel of flint and limestone (possible Reworked Natural Strata) (MADE GROUND)		(0.40)			
0.50 - 0.90	D/J/V	T/J/V		Firm brown becoming light brown clayey sandy SILT (TIDAL FLAT DEPOSITS)		0.40 (0.50)			
				Medium dense light brown very silty fine to medium grained SAND containing clayey bands (TIDAL FLAT DEPOSITS)		0.90			
1.60 - 1.80	D/J	T/J		...becoming damp below 1.50m					
2.40 - 2.60	J/V	J/V		...with a faint hydrocarbon (diesel-like) odour from 2.30m ...PID reading in sample at 2.40m to 2.60m = 3.3ppm ...possible slight dark discolouration between 2.40m to 2.60m					
2.90 - 3.00	D/J	T/J		...PID reading in sample at 2.90m to 3.00m = 1.4ppm ...very faint hydrocarbon odour to 3.00m		(4.10)			
3.60 - 3.80	J	J							
4.40 - 4.60	D	T							
				End of Borehole at 5.00m		5.00			

Remarks

1.Borehole sides unstable below 2.00m.
2.No water encountered. Soils damp from 1.50m.
3.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.
4.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
= Water Strike (m)
= Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	08/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS101

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WS102

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
				Dark brown slightly gravelly clayey topsoil with fine to coarse angular gravel of limestone and rare ceramic fragments (MADE GROUND - TOPSOIL)		(0.45)			
				Firm brown clayey sandy SILT (TIDAL FLAT DEPOSITS)		0.45			
				...becoming light brown and slightly clayey below 0.75m					
1.50 - 1.70	D	T				(1.75)		▽	
				Medium dense light brown and grey-brown silty fine to medium SAND (TIDAL FLAT DEPOSITS)		2.20			
2.40 - 2.60	D/J	T/J		...with a slight to faint hydrocarbon (diesel-like) odour and a slight sheen at 2.40m to 2.60m, becoming faint then very faint odour (with no sheen)					
3.00 - 3.20	D/J	T/J		...PID reading in sample at 3.00m to 3.20m = 1.7ppm		(1.80)			
3.60 - 3.80	D/J	T/J		...no hydrocarbon odour noted by 3.50m					
				End of Borehole at 4.00m		4.00			

Remarks

1.Borehole sides unstable below 2.00m.
2.Water encountered at 2.00m.
3.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.
4.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	08/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS102

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WS103

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
				Brown to dark brown slightly gravelly slightly sandy clayey topsoil with subangular to subrounded gravel of flint (MADE GROUND)		0.10			
				Brown sandy gravelly clay with fine to coarse subangular to subrounded gravel of flint, limestone and occasional brick fragments (MADE GROUND)		(0.65)			
				Firm to stiff becoming firm light brown initially clayey very sandy SILT (TIDAL FLAT DEPOSITS)		0.75			
1.50 - 1.70	D	T				(1.85)			
2.10 - 2.40	D/J	T/J		...with a faint hydrocarbon (diesel-like) odour and occasional reed vegetation at 1.95m ...PID reading in sample at 2.10m to 2.40m = 5.2ppm				▽	
2.70 - 2.90	D/J	T/J		Loose to medium dense grey-brown silty fine to medium SAND with a very faint hydrocarbon odour (TIDAL FLAT DEPOSITS)		2.60			
3.50 - 3.60	D	T		...with no hydrocarbon odour noted with depth		(1.40)			
3.80 - 4.00	D	T							
				End of Borehole at 4.00m		4.00			

Remarks

1.Borehole sides unstable below 2.00m.
2.Water encountered at approximately 2.00m.
3.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.
4.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	08/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS103

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WS104

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.05 - 0.15	D/J	T/J		Light brown fine to coarse sand over a black plastic membrane above and below a 25mm thick polystyrene layer (MADE GROUND)		0.15			
0.35 - 0.45	D/J	T/J		Brown to dark brown sandy silty clay with organic inclusions initially and rare brick fragments and subrounded flint gravel (MADE GROUND)		(0.60)			
0.50 - 0.95	C		8						
				Soft to firm brown becoming light brown sandy clayey SILT (TIDAL FLAT DEPOSITS)		0.75			
1.00 - 1.45	C		7				1.00		
1.30 - 1.50	D	T							
1.50 - 1.95	C		6						
2.00 - 2.45	C		6					▽	
2.20 - 2.40	D/J	T/J				(3.25)			
3.00 - 3.45	C		7						
3.30 - 3.50	D/J	T/J		...with a slight to faint organic odour between 3.30m and 3.60m					
3.80 - 4.00	J	J							
4.00 - 4.45	C		15	End of Borehole at 4.00m		4.00			

Remarks

1.Borehole sides unstable below 2.00m.
2.Water encountered at approximately 2.00m.
3.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.
4.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	08/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS104

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Tel: 01332 290798
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WS105

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
				Light brown fine to coarse sand over a black plastic membrane above and below a 25mm thick polystyrene layer (MADE GROUND)		0.16			
				Brown and red-brown slightly gravelly sandy clay with rare clinker (MADE GROUND)		(0.44)			
				Stiff brown slightly gravelly sandy CLAY (REWORKED NATURAL STRATA)		0.60 (0.35)			
1.10 - 1.40	D	T		Dark brown-black amorphous PEAT (TIDAL FLAT DEPOSITS)		0.95 (0.55)			
				Very soft light grey-brown slightly organic CLAY (TIDAL FLAT DEPOSITS)		1.50			
				Firm light brown becoming grey-brown very sandy SILT (TIDAL FLAT DEPOSITS)		1.65 (0.75)		▽	
				Loose to medium dense grey-brown very silty fine grained SAND containing thin strands of almost completely degraded vegetation (TIDAL FLAT DEPOSITS)		2.40 (1.60)			
				End of Borehole at 4.00m		4.00			

Remarks

1.Borehole sides unstable below 2.00m.
2.Water encountered at approximately 2.20m.
3.Plain pipe installed from ground level to 0.50m in a bentonite surround. Slotted pipe installed from 0.50m to 4.00m in a gravel surround.
4.Bung, valve and lockable cover installed.
5.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.
6.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	08/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS105

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WS106

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
				Light brown fine to coarse sand with a black plastic membrane at base over pea gravel (MADE GROUND)		0.20			
				Brown slightly sandy slightly gravelly clay with fine to coarse subrounded flint (Possible Reworked Natural Strata) (MADE GROUND)		0.40			
0.50 - 0.95	C		8	Firm becoming soft to firm sandy clayey SILT (TIDAL FLAT DEPOSITS)					
1.00 - 1.45	C		7				1.00		
1.40 - 1.60	D	T		...becoming damp below 1.30m					
1.50 - 1.95	C		7						
2.00 - 2.45	C		7					▽	
2.20 - 2.40	D/J	T/J				(4.30)			
3.00 - 3.45	C		3						
3.50 - 3.70	D/J	T/J		...becoming dark brown and grey with a slight organic odour at approximately 3.50m					
4.00 - 4.45	C		2						
				Medium dense grey-brown fine to medium grained SAND (TIDAL FLAT DEPOSITS)		4.70 (0.30)			
5.00 - 5.45	C		8	End of Borehole at 5.00m		5.00			

Remarks

1.Borehole cased to 1.00m. Sides unstable below 4.00m.
2.Water encountered at approximately 2.00m.
3.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.
4.Borehole fitted with plain pipe and bentonite seal from ground level to 1.00m and with slotted pipe in a gravel surround from 1.00m to 4.00m.
5.Bung, valve and lockable cover installed.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	09/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS106

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WS107

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
				Light brown clayey sand and gravel to cobbles of fine to coarse limestone and occasional possible igneous rock fragments (MADE GROUND)		(0.45)			
						0.45			
				Firm brown and grey-brown slightly sandy silty CLAY (TIDAL FLAT DEPOSITS)					
0.70 - 0.80	D	T							
				...becoming soft at 0.85m		(1.05)			
						1.50			
				Soft to firm slightly clayey sandy SILT becoming silty SAND (TIDAL FLAT DEPOSITS)				▽	
2.20 - 2.40	J	J		...becoming very soft/very loose between 2.10m to 2.40m and below 3.90m		(2.50)			
3.40 - 3.60	D/J	T/J							
				End of Borehole at 4.00m		4.00			

Remarks

1.Borehole sides unstable below 2.00m.
2.Water encountered at approximately 2.00m.
3.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.
4.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	09/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS107

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WS108

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.30 - 0.50	D/J	T/J		Light brown fine to coarse sand with a black plastic membrane above and below a 25mm thick polystyrene layer at 0.20m with pea gravel beneath (MADE GROUND)		0.27			
				Dark grey-brown with red-brown inclusions slightly sandy silty clay (MADE GROUND)		(0.48)			
				Firm light brown clayey sandy SILT (TIDAL FLAT DEPOSITS)		0.75			
1.20 - 1.40	D	T		...becoming soft to firm below 1.10m					
				...with soft bands from 1.50m including between 2.00m and 2.50m					
2.20 - 2.40	D/J	T/J				(3.25)			
				...becoming grey-brown with slight organic odour at 2.70m					
				...very soft with very sandy bands beneath between 3.00m to 3.60m					
3.50 - 3.70	D/J	T/J							
				End of Borehole at 4.00m		4.00			

Remarks

1.Borehole sides unstable below 2.00m.
2.Water encountered at approximately 2.00m.
3.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.
4.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
= Water Strike (m)
= Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	09/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS108

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WS109

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.05 - 0.15	D/J	T/J		Light brown fine to coarse sand with a black plastic membrane above and below a 25mm thick polystyrene layer at 0.22m and pea gravel beneath (MADE GROUND)		0.28			
				Brown and grey-brown slightly sandy silty clay (Possible Reworked Natural Strata) (MADE GROUND)		0.55			
				Firm light brown to brown clayey sandy SILT (TIDAL FLAT DEPOSITS)					
				...becoming soft to firm below 1.10m					
				...becoming soft between 1.30m and 1.70m					
				...becoming soft to very soft between 2.00m to 2.40m and 3.00m to 3.30m		(2.75)			
				...becoming grey-brown with a slight organic odour below 2.85m					
				Loose to medium dense grey silty fine to medium SAND with a faint organic odour (TIDAL FLAT DEPOSITS)		3.30 (0.70)			
				End of Borehole at 4.00m		4.00			

Remarks

1.Borehole sides unstable below 3.00m.
2.Water encountered at approximately 2.00m.
3.Plain pipe installed from ground level to 0.50m in a bentonite surround. Slotted pipe installed from 0.50m to 3.50m in a gravel surround.
4.Bung, valve and lockable cover installed.
5.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.
6.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
= Water Strike (m)
= Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	09/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS109

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WS110

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.05 - 0.15	D/J	T/J		Grass over dark brown sandy silty clayey TOPSOIL (TOPSOIL)		0.15			
				Firm brown to light brown slightly sandy to sandy silty CLAY (TIDAL FLAT DEPOSITS)		(0.50)			
				Firm brown to light brown clayey sandy SILT with clayey bands (TIDAL FLAT DEPOSITS)		0.65			
				...with soft bands at 1.45m and 1.55m		(2.05)			
				...becoming soft between 2.00m to 2.30m and 3.00m to 3.70m					
				Loose to medium dense grey-brown very silty fine grained SAND with a faint organic odour (TIDAL FLAT DEPOSITS)		2.70			
						(1.30)			
				End of Borehole at 4.00m		4.00			

Remarks

1.Borehole sides unstable below 3.00m.
2.Water encountered at approximately 2.00m.
3.Plain pipe installed from ground level to 0.50m in a bentonite surround. Slotted pipe installed from 0.50m to 4.00m in a gravel surround.
4.Bung, valve and lockable cover installed.
5.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.
6.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample

S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
= Water Strike (m)
= Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	09/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS110

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WS111

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.05 - 0.15	D/J	T/J		Grass over dark brown sandy silty very clayey TOPSOIL (TOPSOIL)		0.15			
				Soft to firm brown to light brown sandy very silty CLAY (TIDAL FLAT DEPOSITS)		(0.45)			
0.50 - 0.95	C		7			0.60			
				Soft to firm brown to light brown clayey sandy SILT (TIDAL FLAT DEPOSITS)					
1.00 - 1.45	C		5	...becoming soft at 1.00m			1.00	▽	
				...becoming very soft from 1.30m					
1.50 - 1.95	C		8						
				...becoming grey-brown below 1.90m					
2.00 - 2.45	C		3			(3.40)			
3.00 - 3.45	C		50/300mm						
4.00 - 4.45	C		50/300mm	End of Borehole at 4.00m		4.00			

Remarks

1.Borehole cased to 1.00m.
2.Water encountered at approximately 1.00m.
3.Plain pipe installed from ground level to 1.00m in a bentonite surround. Slotted pipe installed from 1.00m to 4.00m in a gravel surround.
4.Bung, valve and lockable cover installed.
5.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	09/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS111

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WS112

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.10 - 0.30	D/J	T/J		Light brown fine to coarse grained sand (MADE GROUND)		0.08			
				Brown with red-brown inclusions becoming dark brown slightly sandy slightly gravelly clay (MADE GROUND)		(0.62)			
0.50 - 0.95	C		5						
				Firm light brown clayey sandy SILT (TIDAL FLAT DEPOSITS)		0.70			
1.00 - 1.45	C		7				1.00		
				...becoming soft to firm from 1.20m					
1.50 - 1.95	C		5			(1.75)			
2.00 - 2.45	C		4						
				Loose to medium dense grey-brown to dark grey very silty SAND with a faint organic odour (TIDAL FLAT DEPOSITS)		2.45			
3.00 - 3.45	C		5						
				...becoming very soft between 3.15m to 3.40m		(1.55)			
4.00 - 4.45	C		10						
				End of Borehole at 4.00m		4.00			

Remarks

1.Borehole cased to 1.00m. Sides unstable below 3.00m.
2.Water encountered at approximately 1.80m.
3.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.
4.Borehole fitted with plain pipe and bentonite seal from ground level to 0.50m and with slotted pipe in a gravel surround from 0.50m to 3.50m.
5.Bung, valve and lockable cover installed.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
= Water Strike (m)
= Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	09/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS112

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WS113

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.20 - 0.30	D/J	T/J		Light brown and black sand and gravel of quartzite, limestone with pockets/bands of black ash and clinker (MADE GROUND)		(0.35)			
						0.35			
0.50 - 0.80	D/J/V	T/J/V		Brown to dark brown slightly gravelly slightly sandy silty clay with occasional brick fragments (MADE GROUND)		(0.50)			
						0.85			
0.90 - 1.00	D/J	T/J		Firm dark brown slightly sandy silty CLAY with an organic odour (TIDAL FLAT DEPOSITS) ...PID reading in sample at 0.90m to 1.00m = 2.2ppm		(0.35)			
						1.20			
1.50 - 1.60	J/V	J/V		Soft to firm grey-brown clayey sandy SILT with a slight hydrocarbon (diesel-like) odour (TIDAL FLAT DEPOSITS) ...PID reading in sample at 1.50m to 1.60m = 44.3ppm		(1.50)		▽	
2.20 - 2.40	J/V	J/V		...PID reading in sample at 2.20m to 2.40m = 19.0ppm					
						2.70			
3.00 - 3.30	J/V	J/V		Loose to medium dense grey-brown silty fine grained SAND with a slight to faint hydrocarbon (diesel-like) odour (TIDAL FLAT DEPOSITS) ...PID reading in sample at 3.00m to 3.30m = 27.5ppm ...becoming a faint hydrocarbon odour from 3.00m		(1.30)			
3.80 - 3.90	J/V	J/V		...no hydrocarbon odour noted by 3.70m					
				End of Borehole at 4.00m		4.00			

Remarks

1.Borehole sides unstable below 3.00m.
2.Water encountered at approximately 2.00m.
3.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.
4.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	10/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS113

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WS114

Project No. D44101

Sheet 1 of 1

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.10 - 0.30	D	T		Dark brown slightly sandy silty clayey topsoil (MADE GROUND - TOPSOIL)		(0.30)			
0.35 - 0.45	D/J	T/J		Brown slightly sandy slightly gravelly silty clay with occasional fine to coarse subrounded quartzite and rare ceramic (MADE GROUND)		0.30 (0.40)			
				Firm brown slightly sandy silty CLAY with a 20mm diameter root at 0.70m to 1.00m (TIDAL FLAT DEPOSITS)		0.70 (0.70)			
2.20 - 2.40	D/J	T/J		Soft to firm light brown clayey sandy SILT (TIDAL FLAT DEPOSITS)		1.40 (2.60)		▽	
3.40 - 3.60	D	T							
				End of Borehole at 4.00m		4.00			

Remarks

1.Borehole sides unstable below 3.00m.
2.Water encountered at approximately 1.90m.
3.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.
4.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DB	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Competitor Rig	**Drawing Ref:**
Date:	10/01/2025	**Approved:**	PK	DB24/01	**Scale:**	1:25	WS114

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TP1

Project No: D44101

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Light brown fine to coarse sand over a black plastic membrane above and below a 25mm thick polystyrene layer with pea gravel beneath (MADE GROUND)		0.28					
Dark brown to brown slightly silty clay (possible reworked Natural Strata) (MADE GROUND)		0.50 - 0.90	T/J/V	D/J/V			
Firm brown-grey silty CLAY (TIDAL FLAT DEPOSITS)		0.90 1.00				38, 41, 47, 49	
		1.20				51, 54, 56	
Soft to firm grey-brown slightly clayey sandy SILT (TIDAL FLAT DEPOSITS)		1.25 1.50				16, 21, 22	
Soft black-brown peaty CLAY (TIDAL FLAT DEPOSITS)		1.70 1.80 - 2.00	T	D			
...becoming grey-brown with depth							▽
Soft grey silty CLAY (TIDAL FLAT DEPOSITS)		2.10					
Loose to medium dense light brown silty SAND (TIDAL FLAT DEPOSITS)		2.40					
End of Trial Pit at 2.80m		2.80					

Remarks:

1.Trial pit sides stable.
2.Water seepage noted at 2.00m.
3.Trial pit backfilled with arisings upon completion.
4.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m2) P = Penetrometer (kN/m2)
J = Jar Sample V = Vial Sample ▽ = Water Strike (m) ▼ = Steady Water Level (m)

Project: Ivanda Nursery, Monks House Lane, Spalding			**Client:** Seagate Homes	
Logged: DB	**Checked:** DB	**Field Book Ref:** DB25/01	**Plant:** 360 Tracked Excavator	**Drawing No.** TP1
Date: 10/01/2025	**Approved:** PK		**Scale:** 1:25	

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TP2

Project No: D44101

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Dark brown slightly sandy silty TOPSOIL (TOPSOIL)		0.30					
Firm light brown mottled grey slightly sandy silty CLAY (TIDAL FLAT DEPOSITS)		0.75	T	J/V	In-Situ SV	56, 58, 58	
Soft to firm grey mottled light brown slightly sandy SILT with rare root fragments (TIDAL FLAT DEPOSITS) ...becoming soft light brown-grey and damp below approximately 1.00m		0.80 1.15			In-Situ SV	28, 30, 30	
...becoming very soft with depth		1.40			In-Situ SV	15, 18, 20	
...becoming wet below approximately 2.00m							
End of Trial Pit at 2.50m		2.50					

Remarks:

1.Sides stable until pit reached a depth of 2.50m. Rapid and total collapse of pit sides from near ground level to base of pit.
2.No water seepage noted in pit but soils noted to be wet below approximately 2.00m.
3.Trial pit terminated due to collapsing sides.
4.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m2) P = Penetrometer (kN/m2)
J = Jar Sample V = Vial Sample ▽ = Water Strike (m) ▼ = Steady Water Level (m)

Project:			Client:	
Ivanda Nursery, Monks House Lane, Spalding			Seagate Homes	
Logged: PK	**Checked:** PK	**Field Book Ref:** PK2023/01	**Plant:** 360 Tracked Excavator	**Drawing No.** TP2
Date: 10/01/2025	**Approved:** DB		**Scale:** 1:25	

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TP3

Project No: D44101

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Dark brown slightly sandy silty TOPSOIL (TOPSOIL)		0.25					
Soft light brown-grey slightly sandy SILT with rare root fragments (TIDAL FLAT DEPOSITS)							
...becoming very sandy below approximately 0.70m		0.75	B	B			
		0.85			In-Situ SV	38, 28, 30	
...becoming very soft and damp below approximately 1.20m							
		1.40			In-Situ SV	18, 15, 15	
...with pockets of wet Silt below approximately 1.50m							
End of Trial Pit at 1.80m		1.80					

Remarks:

1.Sides stable until pit reached a depth of 1.80m. Rapid and total collapse of one pit side from near ground level to base of pit.
2.No water seepage noted in pit but pockets of wet soil noted below approximately 1.50m.
3.Trial pit terminated due to collapsing sides.
4.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m2) P = Penetrometer (kN/m2)
J = Jar Sample V = Vial Sample ▽ = Water Strike (m) ▼ = Steady Water Level (m)

Project: Ivanda Nursery, Monks House Lane, Spalding			**Client:** Seagate Homes	
Logged: PK	**Checked:** PK	**Field Book Ref:** PK2023/01	**Plant:** 360 Tracked Excavator	**Drawing No.** TP3
Date: 10/01/2025	**Approved:** DB		**Scale:** 1:25	

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TP4

Project No: D44101

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Dark brown slightly sandy silty TOPSOIL (TOPSOIL)		0.30					
Firm light brown-grey slightly sandy SILT (TIDAL FLAT DEPOSITS)							
...becoming soft to firm below approximately 0.70m		0.80			In-Situ SV	40, 45, 45	
...becoming soft and slightly damp below approximately 1.00m		1.10			In-Situ SV	30, 30, 28	
...with pockets of wet Silt below approximately 1.80m							
End of Trial Pit at 2.50m		2.50					

Remarks:

1.Sides stable until pit reached a depth of 2.50m. Rapid and total collapse of pit sides from near ground level to base of pit.
2.No water seepage noted in pit but pockets of wet soil noted below approximately 1.80m.
3.Trial pit terminated due to collapsing sides.
4.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m2) P = Penetrometer (kN/m2)
J = Jar Sample V = Vial Sample ▽ = Water Strike (m) ▼ = Steady Water Level (m)

Project: Ivanda Nursery, Monks House Lane, Spalding			**Client:** Seagate Homes	
Logged: PK	**Checked:** PK	**Field Book Ref:** PK2023/01	**Plant:** 360 Tracked Excavator	**Drawing No.** TP4
Date: 10/01/2025	**Approved:** DB		**Scale:** 1:25	

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TP5

Project No: D44101

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Dark brown slightly sandy silty TOPSOIL (TOPSOIL)							
		0.30					
Firm light brown-grey slightly sandy silty CLAY with rare root fragments (TIDAL FLAT DEPOSITS)							
		0.80			In-Situ SV	44, 52, 58	
Soft to firm light brown-grey slightly sandy SILT with rare root fragments (TIDAL FLAT DEPOSITS)		0.85 0.90	T	J/V			
...becoming soft with depth		1.25			In-Situ SV	20, 22, 22	
...becoming wet below approximately 2.10m							
End of Trial Pit at 2.30m		2.30					

Remarks:

1.Sides stable until pit reached a depth of 2.30m. Rapid and total collapse of one pit side from near ground level to base of pit.
2.No water seepage noted in pit but soils noted to be wet below approximately 2.10m.
3.Trial pit terminated due to collapsing sides.
4.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m2) P = Penetrometer (kN/m2)
J = Jar Sample V = Vial Sample ▽ = Water Strike (m) ▼ = Steady Water Level (m)

Project: Ivanda Nursery, Monks House Lane, Spalding			**Client:** Seagate Homes	
Logged: PK	**Checked:** PK	**Field Book Ref:** PK2023/01	**Plant:** 360 Tracked Excavator	**Drawing No.** TP5
Date: 10/01/2025	**Approved:** DB		**Scale:** 1:25	

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TP6

Project No: D44101

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Dark brown slightly sandy silty TOPSOIL (TOPSOIL)							
		0.25					
Firm light brown slightly sandy SILT (TIDAL FLAT DEPOSITS)							
...becoming light brown-grey below approximately 0.70m		0.70			In-Situ SV	48, 50, 55	
...becoming soft with depth		1.10			In-Situ SV	30, 30, 32	
...becoming very sandy with depth							
...becoming very sandy SILT/very silty SAND with depth							
...grading into a grey mottled dark grey damp very sandy SILT/ very silty SAND below approximately 2.30m							
...becoming very soft and wet below approximately 2.50m							
End of Trial Pit at 2.90m		2.90					

Remarks:

1.Sides stable until pit reached a depth of 2.90m. Rapid and total collapse of one pit side from near ground level to base of pit.
2.No water seepage noted in pit but soils noted to be wet below approximately 2.50m.
3.Trial pit terminated due to collapsing sides.
4.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m2) P = Penetrometer (kN/m2)
J = Jar Sample V = Vial Sample ▽ = Water Strike (m) ▼ = Steady Water Level (m)

Project: Ivanda Nursery, Monks House Lane, Spalding			**Client:** Seagate Homes	
Logged: PK	**Checked:** PK	**Field Book Ref:** PK2023/01	**Plant:** 360 Tracked Excavator	**Drawing No.** TP6
Date: 10/01/2025	**Approved:** DB		**Scale:** 1:25	

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TP7

Project No: D44101

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Dark brown slightly sandy silty topsoil (MADE GROUND - TOPSOIL)		0.05 - 0.15	T	D/J			
Mixture of dark brown and brown-grey slightly sandy silt (MADE GROUND)		0.15					
Soft to firm light brown-grey slightly sandy SILT (TIDAL FLAT DEPOSITS)		0.40					
		0.70	T	J/V			
		0.80			In-Situ SV	52, 38, 48	
...grading into a light brown-grey very sandy SILT/very silty SAND							
...grading into a very soft light brown-grey damp very sandy SILT							
...becoming wet below approximately 2.40m							
End of Trial Pit at 2.80m		2.80					▽

Remarks:

1.Sides beginning to collapse below approximately 2.00m upon completion of pit.
2.Water standing at 2.80m upon completion of pit.
3.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m2) P = Penetrometer (kN/m2)
J = Jar Sample V = Vial Sample ▽ = Water Strike (m) ▼ = Steady Water Level (m)

Project: Ivanda Nursery, Monks House Lane, Spalding			**Client:** Seagate Homes	
Logged: PK	**Checked:** PK	**Field Book Ref:** PK2023/01	**Plant:** 360 Tracked Excavator	**Drawing No.** TP7
Date: 10/01/2025	**Approved:** DB		**Scale:** 1:25	

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TP8

Project No: D44101

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Light brown fine to coarse sand over a black membrane above and below a 25mm thick polystyrene layer with pea gravel and a plastic pipe beneath (MADE GROUND)		0.28					
Grey-brown with red-brown inclusions slightly sandy silty clay (Possible reworked Natural Strata) (MADE GROUND)		0.50 - 0.90	T/J/V	D/J/V			
Firm light brown clayey sandy SILT (TIDAL FLAT DEPOSITS)		0.90					
End of Trial Pit at 1.10m		1.10					

Remarks:

1.Trial pit sides stable.
2.No water encountered.
3.Trial pit backfilled with arisings upon completion.
4.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m2) P = Penetrometer (kN/m2)
J = Jar Sample V = Vial Sample ▽ = Water Strike (m) ▼ = Steady Water Level (m)

Project: Ivanda Nursery, Monks House Lane, Spalding			**Client:** Seagate Homes	
Logged: DB	**Checked:** DB	**Field Book Ref:** DB25/01	**Plant:** 360 Tracked Excavator	**Drawing No.** TP8
Date: 13/01/2025	**Approved:** PK		**Scale:** 1:25	

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TP9

Project No: D44101

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Light brown fine to coarse sand over a black plastic membrane above and below a 25mm thick polystyrene layer with pea gravel beneath (MADE GROUND)		0.23					
Firm brown becoming light grey brown clayey sandy SILT (TIDAL FLAT DEPOSITS)		0.50 - 1.00	T/J/V	D/J/V			
End of Trial Pit at 1.00m		1.00					

Remarks:

1.Trial pit sides stable.
2.No water encountered.
3.Trial pit backfilled with arisings upon completion.
4.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m2) P = Penetrometer (kN/m2)
J = Jar Sample V = Vial Sample ▽ = Water Strike (m) ▼ = Steady Water Level (m)

Project: Ivanda Nursery, Monks House Lane, Spalding			**Client:** Seagate Homes	
Logged: DB	**Checked:** DB	**Field Book Ref:** DB25/01	**Plant:** 360 Tracked Excavator	**Drawing No.** TP9
Date: 13/01/2025	**Approved:** PK		**Scale:** 1:25	

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HDP1

Project No: D44101

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey brown sandy gravel containing predominantly igneous rock with occasional possible clinker and breeze block fragments (MADE GROUND)		0.05 - 0.15	T/J	D/J			
		0.15					
Brown and red-brown sandy silty clay (MADE GROUND) ...with a pocket of light brown limestone gravel with whole red bricks between 0.15m and 0.25m at the western end of the trial pit ...with organic inclusions and occasional metal and glass fragments from 0.30m		0.30 - 0.40	T/J	D/J			
End of Trial Pit at 0.60m		0.60					

Remarks:

1.Trial pit sides stable.
2.No water encountered.
3.Trial pit backfilled with arisings upon completion.
4.VOC headspace testing undertaken on soil samples recovered using a PID. All readings were <1ppm, unless recorded on the log.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m2) P = Penetrometer (kN/m2)
J = Jar Sample V = Vial Sample ▽ = Water Strike (m) ▼ = Steady Water Level (m)

Project: Ivanda Nursery, Monks House Lane, Spalding			**Client:** Seagate Homes	
Logged: DB	**Checked:** DB	**Field Book Ref:** DB25/01	**Plant:** Stainless Steel Spade	**Drawing No.** HDP1
Date: 13/01/2025	**Approved:** PK		**Scale:** 1:25	

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BH1

Project No. D44101

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
				Grass over dark brown slightly clayey slightly sandy slightly gravelly silty topsoil. Gravel is fine to medium subangular to subrounded of chert and quartzite with fragments of brick and rare glass		(0.50)			
0.70	D	D		(MADE GROUND - TOPSOIL)		0.50			
1.00	B	B		Dark grey-brown mottled brown slightly gravelly clayey silt with an organic odour. Gravel is fine to medium subangular to subrounded of chert and quartzite					
1.00 - 1.45	S		3						
1.00 - 1.45	D	SD		(MADE GROUND)		(1.50)			
2.00	D	D				2.00			
2.00 - 2.45	S		8	Soft dark grey-brown slightly sandy silty CLAY / clayey SILT containing inclusions of PEAT		(0.40)			
2.00 - 2.45	D	SD		(TIDAL FLAT DEPOSITS)		2.40			
2.00 - 2.50	B	B		Medium dense grey-brown slightly clayey silty fine grained SAND				▽	
3.00	B/D	B/D		(TIDAL FLAT DEPOSITS)					
3.00 - 3.45	S		11						
3.00 - 3.45	D	SD		…becoming wet and less clayey from 3.30m					
4.00 - 4.45	S		15	…becoming slightly silty with increased depth					
4.00 - 4.45	D	SD							
5.00 - 5.45	S		13						
5.00 - 5.45	D	SD							
						(7.20)			
6.50 - 6.95	S		15						
6.50 - 6.95	D	SD							
8.00 - 8.45	S		12						
8.00 - 8.45	D	SD							
9.50 - 9.95	S		22						
9.50 - 9.95	D	SD		Firm grey-brown to dark brown silty CLAY with bands of PEAT		9.60 (0.40)			
9.60 - 10.00	B/D	B/D		(TIDAL FLAT DEPOSITS)		10.00	10.00		
10.00 - 10.50	D	D		Firm to stiff brown slightly gravelly CLAY. Gravel is fine to					

Remarks

1.Borehole drilled using 200mm diameter casing to 10.00m and 150mm diameter casing to 18.00m, with bentonite seal.
2.Slight water seepage encountered at approximately 2.50m. Water also added during drilling process.
3.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DL	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Dando 2000	**Drawing Ref:**
Date:	06/01/2025	**Approved:**	PK	DL24/02	**Scale:**	1:50	BH1

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BH1

Project No. D44101

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
10.00 - 11.00	B	B		Firm to stiff brown slightly gravelly CLAY. Gravel is fine to coarse subangular to rounded of chalk and occasional angular flint (TIDAL FLAT DEPOSITS)					
11.00 - 11.45	S		28			(1.70)			
11.00 - 11.45	D	SD							
11.70 - 12.50	B/D	B/D		Very stiff dark grey slightly gravelly CLAY. Gravel is fine to coarse subangular to rounded of chalk (OXFORD CLAY)		11.70			
12.50 - 12.95	S		50/160mm						
12.50 - 12.81	D	SD							
14.00 - 14.45	S		50/150mm						
14.00 - 14.30	D	SD				(6.52)			
15.50 - 15.95	S		50/105mm	…a very small inclusion of dark brown sand between 15.50m and 15.80m					
15.50 - 15.80	D	SD							
16.00 - 16.45	S		50/150mm						
16.00 - 16.23	D	SD							
17.00 - 18.00	B	B							
18.00 - 18.45	S		50/150mm				18.00		
18.00 - 18.23	D	SD		End of Borehole at 18.23m		18.23			

Remarks

1.Borehole drilled using 200mm diameter casing to 10.00m and 150mm diameter casing to 18.00m, with bentonite seal.
2.Slight water seepage encountered at approximately 2.50m. Water also added during drilling process.
3.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
= Water Strike (m)
= Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DL	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Dando 2000	**Drawing Ref:**
Date:	06/01/2025	**Approved:**	PK	DL24/02	**Scale:**	1:50	BH1

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BH2

Project No. D44101

Sheet 1 of 2

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.00 - 0.60	D	D		Grass over dark brown slightly clayey silty TOPSOIL with occasional clayey pockets (TOPSOIL)		(0.60)			
0.60 - 1.20	B	B		Soft light brown mottled grey-brown slightly sandy silty CLAY with sandy pockets (TIDAL FLAT DEPOSITS)		0.60 (0.60)			
1.00 - 1.45	S		6						
1.00 - 1.45	D	SD							
1.20 - 2.00	B	B		Loose grey-brown slightly clayey silty fine grained SAND / sandy SILT (TIDAL FLAT DEPOSITS)		1.20			
2.00 - 2.45	S		6			(1.80)		▽	
2.00 - 2.45	D	SD							
2.00 - 3.00	B	B							
3.00 - 3.45	S		6	Loose light brown mottled dark grey-brown silty fine grained SAND (TIDAL FLAT DEPOSITS)		3.00			
3.00 - 3.45	D	SD							
3.00 - 4.00	B	B							
4.00 - 4.45	S		7	…becoming slightly silty and grey-brown from 4.00m		(2.80)			
4.00 - 4.45	D	SD							
5.00	D	D							
5.00 - 5.45	S		6						
5.00 - 5.45	D	SD							
5.80 - 6.50	D	D		Soft to firm grey-brown silty CLAY with PEAT bands throughout including bands with an organic and sulphurous odour (TIDAL FLAT DEPOSITS)		5.80			
6.50 - 6.95	S		4						
6.50 - 6.95	D	SD							
8.00 - 8.45	S		4			(4.20)			
8.00 - 8.45	D	SD							
9.50 - 9.95	S		6					▼	
9.50 - 9.95	D	SD							
10.00 - 11.00	D	D		Stiff light brown mottled dark grey-brown slightly silty slightly		10.00		▽	

Remarks

1.Borehole drilled using 200mm diameter casing to 11.00m and 150mm diameter casing to 20.00m, with bentonite seal.
2.Water seepage at 2.00m and water also encountered at approximately 10.00m, which rose to 9.50m after 20 minutes.
3.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DL	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Dando 2000	**Drawing Ref:**
Date:	09/01/2025	**Approved:**	PK	DL24/02	**Scale:**	1:50	BH2

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BH2

Project No. D44101

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
				Stiff light brown mottled dark grey-brown slightly silty slightly sandy very gravelly CLAY. Gravel is fine to coarse subangular to subrounded of chert and quartzite (TIDAL FLAT DEPOSITS)		(1.00)			
11.00 - 11.45	S		28			11.00	11.00		
11.00 - 11.45	D	SD		Stiff brown slightly gravelly CLAY. Gravel is fine to coarse subangular to rounded of chalk and occasional flint with rare very thin (1-2mm) organic inclusions/streaks (TIDAL FLAT DEPOSITS)					
11.00 - 12.00	B	B				(1.50)			
12.50 - 12.95	S		50/150mm	Very stiff dark grey slightly gravelly CLAY. Gravel is fine to coarse subangular to rounded of chalk and rare flint (OXFORD CLAY)		12.50			
12.50 - 12.79	D	SD							
14.00 - 14.45	S		50/150mm						
14.00 - 14.30	D	SD							
15.00 - 16.00	B	B							
15.50 - 15.95	S		50/135mm						
15.50 - 15.73	D	SD				(7.71)			
17.00 - 17.45	S		50/150mm						
17.00 - 17.24	D	SD							
18.50 - 18.95	S		50/115mm						
18.50 - 18.70	D	SD							
20.00 - 20.45	S		50/135mm				20.00		
20.00 - 20.21	D	SD		End of Borehole at 20.21m		20.21			

Remarks

1.Borehole drilled using 200mm diameter casing to 11.00m and 150mm diameter casing to 20.00m, with bentonite seal.
2.Water seepage at 2.00m and water also encountered at approximately 10.00m, which rose to 9.50m after 20 minutes.
3.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample

S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
= Water Strike (m)
= Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DL	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Dando 2000	**Drawing Ref:**
Date:	09/01/2025	**Approved:**	PK	DL24/02	**Scale:**	1:50	BH2

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BH3

Project No. D44101

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.00 - 0.50	D	D		Grass over brown sandy clayey TOPSOIL (TOPSOIL)		(0.50)			
0.50 - 1.00	B	B		Loose brown slightly clayey slightly silty fine grained SAND with bands of clay (TIDAL FLAT DEPOSITS)		0.50			
1.00 - 2.00	B	B		…becoming grey-brown		(1.50)			
2.00 - 3.00	B	B		Firm grey-brown sandy SILT becoming very sandy SILT / very silty SAND with increased depth (TIDAL FLAT DEPOSITS)		2.00		▽	
5.00	D	D				(7.50)		▼	
9.00 - 9.45	S		7						
9.00 - 9.45	D	SD							
9.50 - 10.00	B	B		Soft brown slightly silty slightly sandy gravelly CLAY. Gravel is fine to medium subangular to subrounded of chert quartzite and flint		9.50 (0.50)			
10.00 - 10.50	B	B		(TIDAL FLAT DEPOSITS)		10.00		▽	

Remarks

1.Borehole drilled using 150mm diameter casing to 15.00m.
2.Water seepage from approximately 2.00m and water encountered at approximately 10.00m which rose to 6.00m after 20 minutes. Water also added during the drilling process.
3.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DL	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Dando 2000	**Drawing Ref:**
Date:	14/01/2025	**Approved:**	PK	DL24/02	**Scale:**	1:50	BH3

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BH3

Project No. D44101

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
10.50 - 10.95	S		15	Medium dense light brown SAND and GRAVEL with fine to coarse subangular to subrounded chert, quartzite and flint (TIDAL FLAT DEPOSITS)		(1.00)			
10.50 - 10.95	D	SD							
11.00 - 12.00	B	B		Firm to stiff dark grey-brown slightly gravelly slightly sandy CLAY. Gravel is fine to coarse subangular to rounded of chalk (TIDAL FLAT DEPOSITS)		11.00 (1.10)			
12.00 - 12.45	S		50/125mm	Very stiff dark grey slightly gravelly CLAY. Gravel is fine to coarse subangular to rounded of chalk (OXFORD CLAY)		12.10			
12.00 - 12.21	D	SD							
12.10 - 13.00	B	B							
13.50 - 13.95	S		50/150mm			(3.11)			
13.50 - 13.77	D	SD							
15.00 - 15.45	S		50/115mm				15.00		
15.00 - 15.21	D	SD		End of Borehole at 15.21m		15.21			

Remarks

1.Borehole drilled using 150mm diameter casing to 15.00m.
2.Water seepage from approximately 2.00m and water encountered at approximately 10.00m which rose to 6.00m after 20 minutes. Water also added during the drilling process.
3.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DL	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Dando 2000	**Drawing Ref:**
Date:	14/01/2025	**Approved:**	PK	DL24/02	**Scale:**	1:50	BH3

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BH4

Project No. D44101

Sheet 1 of 2

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.00 - 0.30	D	D		Light brown slightly gravelly medium to coarse sand. Gravel is fine to medium subrounded to rounded of quartzite (MADE GROUND)		(0.30)			
0.30 - 1.00	B	B		…with a black membrane at 0.30m		0.30			
				Soft grey-brown and light brown clayey SILT (TIDAL FLAT DEPOSITS)					
1.00 - 1.45	S		4						
1.00 - 1.45	D	SD							
1.00 - 2.00	B	B							
2.00 - 2.45	S		4	...becoming very clayey				▽	
2.00 - 2.45	D	SD							
2.00 - 3.00	B	B							
3.00 - 3.45	S		5	…becoming firm					
3.00 - 3.45	D	SD							
						(6.70)			
4.00 - 4.45	S		4	…becoming slightly clayey and soft to firm					
4.00 - 4.45	D	SD							
5.00	D	D		…becoming very clayey					
5.00 - 5.45	S		4						
5.00 - 5.45	D	SD							
6.00 - 6.45	S		2	…becoming very soft					
6.00 - 6.45	D	SD							
7.00 - 7.50	B	B		Loose grey-brown fine to medium very silty SAND with occasional clay bands (TIDAL FLAT DEPOSITS)		7.00 (0.50)			
7.50 - 7.95	S		8	Soft to firm dark grey-brown slightly silty CLAY with PEAT bands throughout (TIDAL FLAT DEPOSITS)		7.50			
7.50 - 7.95	D	SD							
7.50 - 9.00	B	B				(2.00)			
9.00 - 9.45	S		12				9.00		
9.00 - 9.50	D	SD							
9.50 - 10.00	B	B		Stiff brown mottled grey slightly gravelly CLAY. Gravel is fine to coarse subrounded to rounded of chalk (TIDAL FLAT DEPOSITS)		9.50			

Remarks

1.Borehole drilled using 200mm diameter casing to 9.00m and 150mm diameter casing to 15.00m, with bentonite seal.
2.Slight water seepage encountered at approximately 2.00m.
3.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DL	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Dando 2000	**Drawing Ref:**
Date:	15/01/2025	**Approved:**	PK	DL24/02	**Scale:**	1:50	BH4

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BH4

Project No. D44101

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
10.50 - 10.95	S		50/160mm	Stiff brown mottled grey slightly gravelly CLAY. Gravel is fine to coarse subrounded to rounded of chalk (TIDAL FLAT DEPOSITS)					
10.50 - 10.81	D	SD		…becoming very stiff		(2.50)			
12.00 - 12.45	S		50/150mm	Very stiff dark grey mottled brown slightly gravelly CLAY. Gravel is fine to coarse subangular to rounded of chalk (OXFORD CLAY)		12.00			
12.00 - 12.26	D	SD							
13.50 - 13.95	S		50/125mm	…becoming dark grey					
13.50 - 13.70	D	SD							
15.00 - 15.45	S		50/125mm			(6.21)	15.00		
15.00 - 15.20	D	SD							
16.50 - 16.95	S		50/135mm						
16.50 - 16.74	D	SD							
18.00	D	D							
18.00 - 18.45	S		50/125mm			18.21			
18.00 - 18.21	D	SD		End of Borehole at 18.21m					

Remarks

1.Borehole drilled using 200mm diameter casing to 9.00m and 150mm diameter casing to 15.00m, with bentonite seal.
2.Slight water seepage encountered at approximately 2.00m.
3.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample

S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
= Water Strike (m)
= Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DL	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Dando 2000	**Drawing Ref:**
Date:	15/01/2025	**Approved:**	PK	DL24/02	**Scale:**	1:50	BH4

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BH5

Project No. D44101

Sheet 1 of 2

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.30 - 0.80	D	D		Light brown slightly gravelly medium to coarse sand. Gravel is fine to medium subrounded to rounded of quartzite (MADE GROUND)		(0.30) 0.30			
				…with a black membrane at 0.30m		(0.50)			
0.80 - 1.00	B	B		Soft brown slightly silty CLAY (TIDAL FLAT DEPOSITS)		0.80			
1.00 - 2.00	B	B		Loose light brown silty very clayey fine grained SAND (TIDAL FLAT DEPOSITS)					
				…becoming brown		(1.20)			
2.00 - 3.00	B	B		Loose grey slightly clayey slightly silty fine grained SAND (TIDAL FLAT DEPOSITS)		2.00		▽	
						(5.00)			
5.00	D	D							
7.00 - 8.00	B	B		Soft to firm grey silty CLAY with PEAT bands throughout and occasional small shells (TIDAL FLAT DEPOSITS)		7.00			
7.50 - 8.00	D	D		…becoming softer with increased depth					
				…peat bands (including pseudo-fibrous and amorphous peat) with bands containing a strong organic and sulphurous odour		(2.50)			
				…becoming grey mottled brown					
9.50 - 10.00	B	B		Stiff brown mottled light grey with dark grey and brown inclusions slightly gravelly slightly sandy CLAY. Gravel is fine to coarse subrounded to rounded of chalk (TIDAL FLAT DEPOSITS)		9.50			
10.00 - 10.45	S		50/200mm						

Remarks

1.Borehole drilled using 150mm diameter casing to 15.00m.
2.Slight water seepage encountered at approximately 2.40m. Water also added during the drilling process.
3.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DL	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Dando 2000	**Drawing Ref:**
Date:	16/01/2025	**Approved:**	PK	DL24/02	**Scale:**	1:50	BH5

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BH5

Project No. D44101

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
10.00 - 10.35	D	SD		Stiff brown mottled light grey with dark grey and brown inclusions slightly gravelly slightly sandy CLAY. Gravel is fine to coarse subrounded to rounded of chalk (TIDAL FLAT DEPOSITS) …becoming stiff …becoming less sandy with increased depth		(2.90)			
11.50 - 11.95	S		50/170mm						
11.50 - 11.80	D	SD							
				Very stiff dark grey mottled brown slightly gravelly CLAY. Gravel is fine to coarse subangular to rounded of chalk (OXFORD CLAY)		12.40			
13.00 - 13.45	S		50/115mm						
13.00 - 13.21	D	SD				(2.60)			
14.50 - 14.95	S		50/140mm						
14.50 - 14.72	D	SD							
15.00	D	D		End of Borehole at 15.00m		15.00	15.00		

Remarks

1.Borehole drilled using 150mm diameter casing to 15.00m.
2.Slight water seepage encountered at approximately 2.40m. Water also added during the drilling process.
3.Borehole backfilled with arisings upon completion.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
= Water Strike (m)
= Steady Water Level (m)

Project:	Ivanda Nursery, Monks House Lane, Spalding			**Client:**	Seagate Homes		
Logged:	DL	**Checked:**	DB	**Field Book Ref:**	**Plant:**	Dando 2000	**Drawing Ref:**
Date:	16/01/2025	**Approved:**	PK	DL24/02	**Scale:**	1:50	BH5

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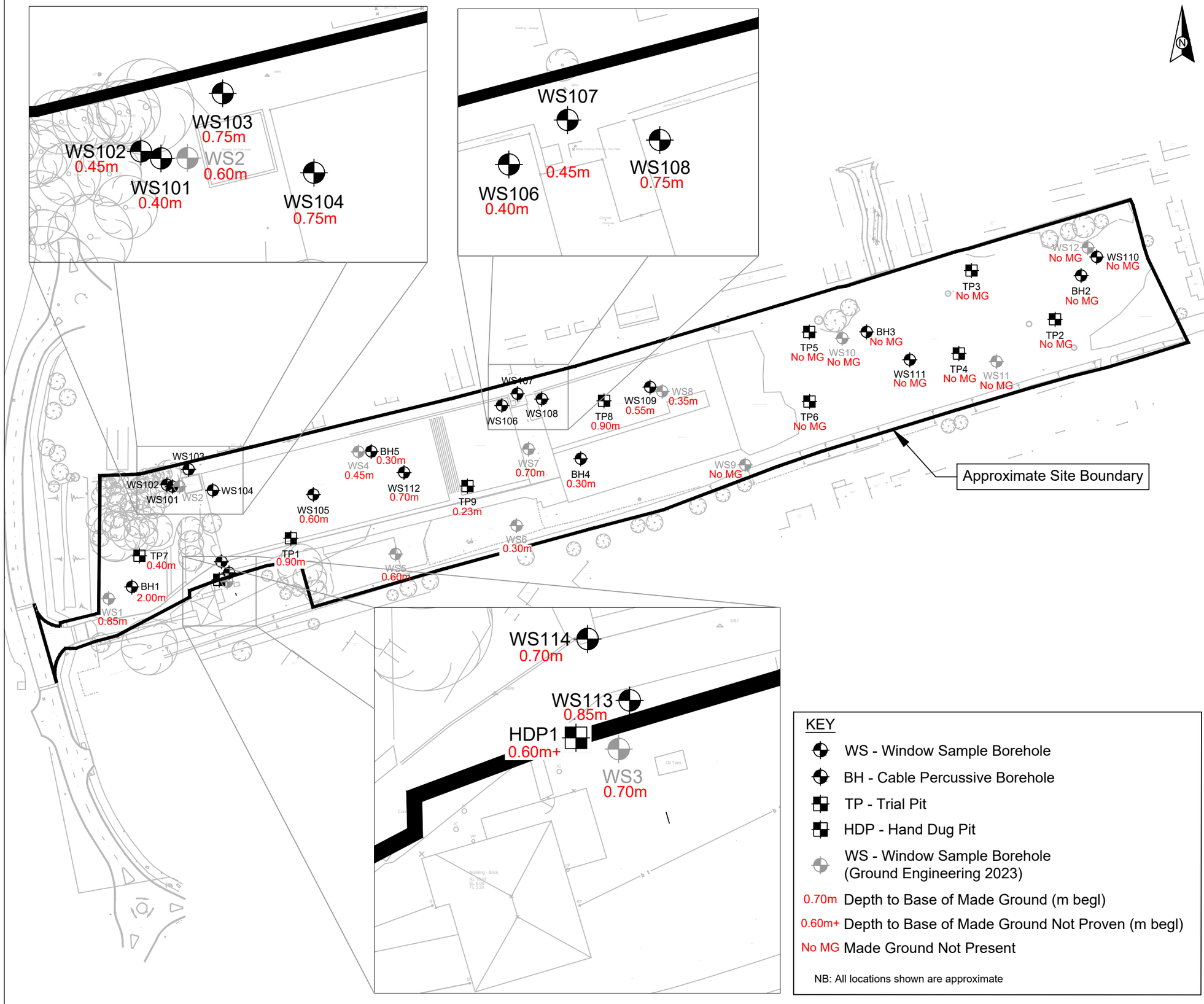
APPENDIX VII

Plan Showing Depth to Base of Made Ground
(Figure No. D44101/05)



KEY

- WS - Window Sample Borehole
- BH - Cable Percussive Borehole
- TP - Trial Pit
- HDP - Hand Dug Pit
- WS - Window Sample Borehole (Ground Engineering 2023)
- 0.70m — Depth to Base of Made Ground (m begl)
- 0.60m+ — Depth to Base of Made Ground Not Proven (m begl)
- No MG — Made Ground Not Present

NB: All locations shown are approximate

Project No.	D44101
Client	Seagate Homes
Project	Ivanda Nursery, Monks House Lane, Spalding
Title	Plan Showing Depth to Base of Made Ground
Drawn By	SJ
Checked By	DB
Approved By	PK
Scale	NTS
Date Drawn	27/02/2025
Revision	
Figure No.	D44101/05

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APPENDIX VIII

Plates

Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	DB
		Approved By	PK
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	TP1 - Completed excavation	Revision	
		Plate No.	1

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Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	TP2 - Completed excavation	Revision	
		Plate No.	2

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Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	TP3 - Completed excavation	Revision	
		Plate No.	3

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Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	TP4 - Completed excavation	Revision	
		Plate No.	4

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Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	TP5 - Completed excavation	Revision	
		Plate No.	5

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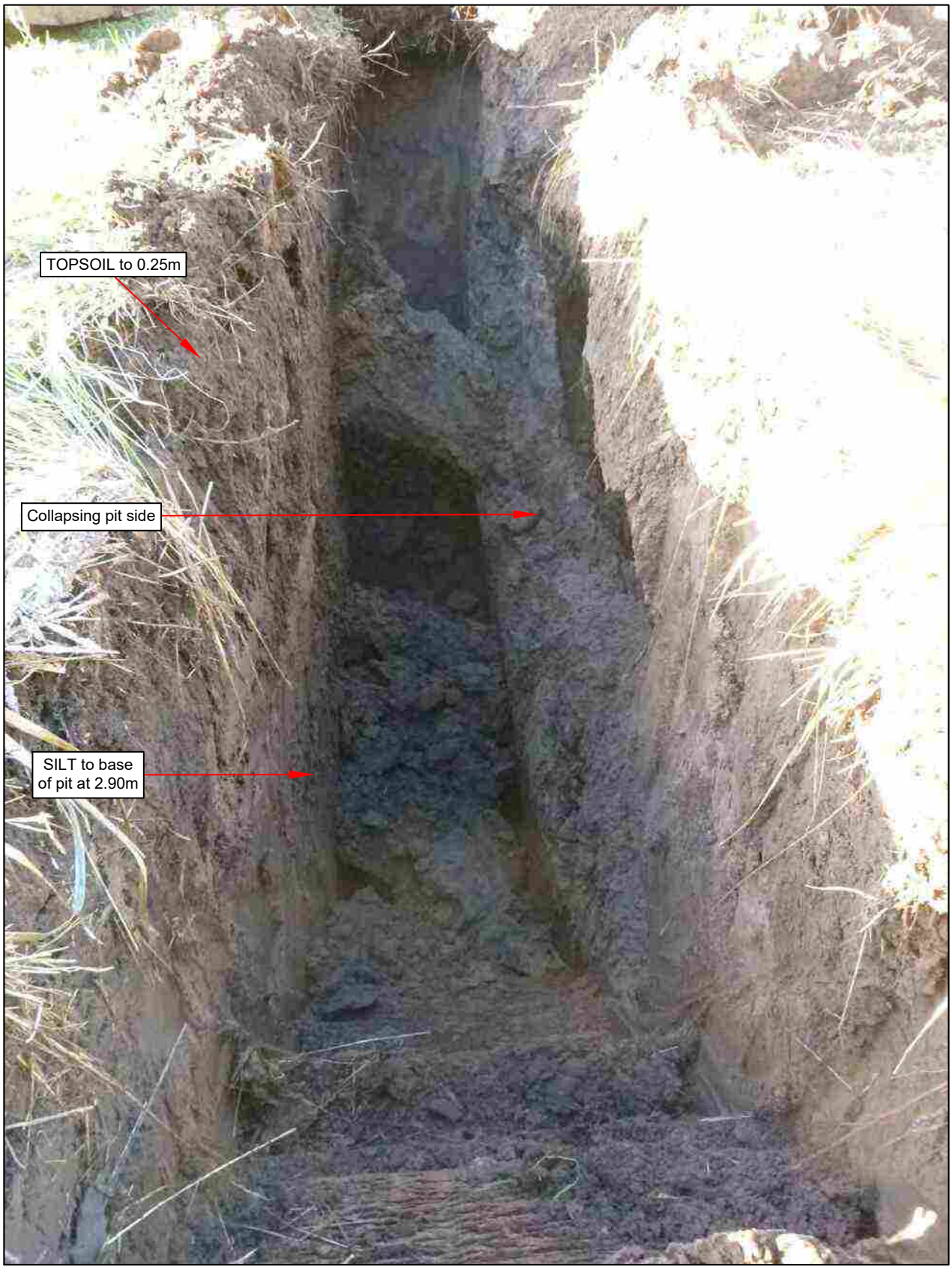

Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	TP6 - Completed excavation	Revision	
		Plate No.	6

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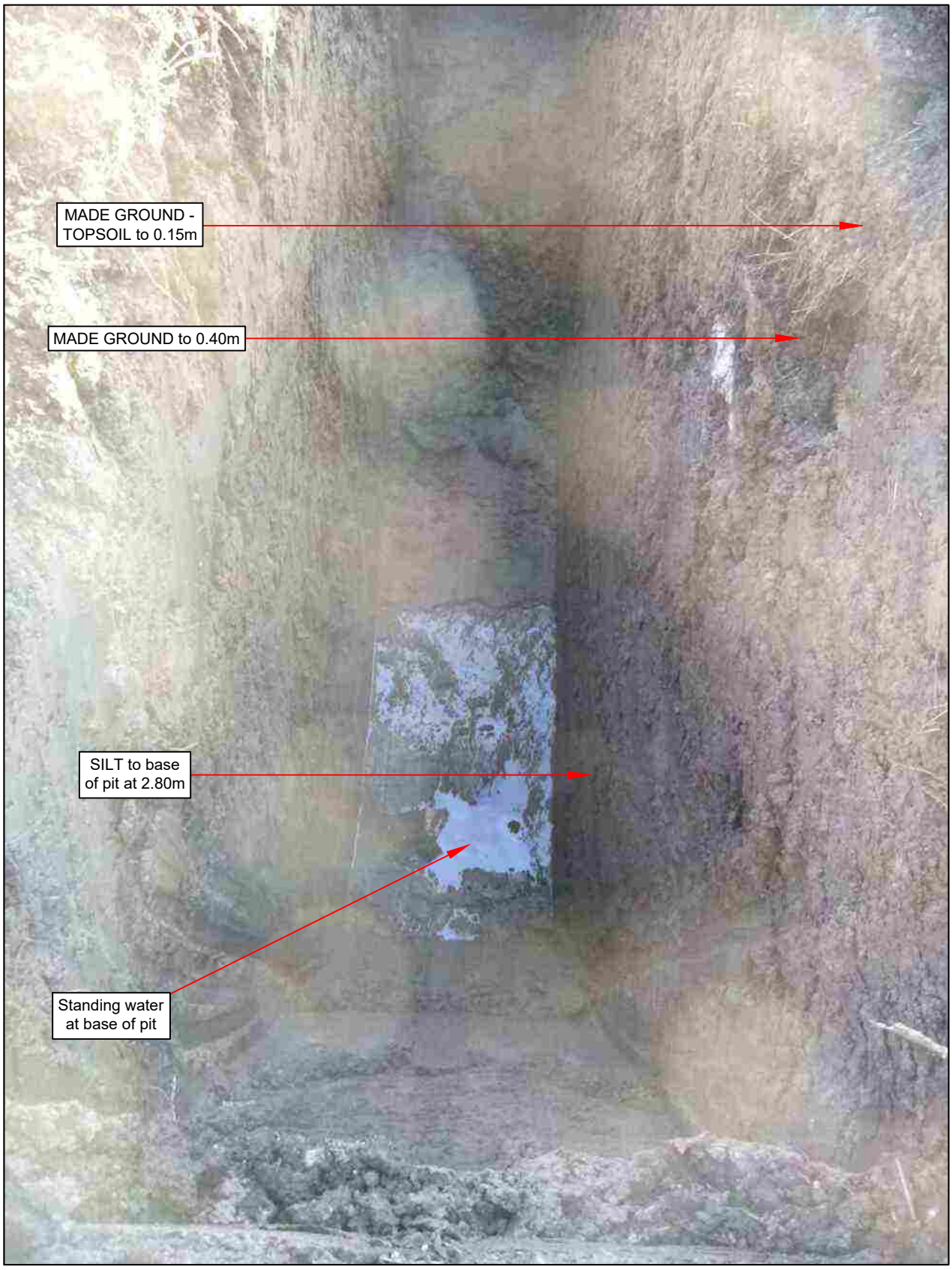

Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	TP7 - Completed excavation	Revision	
		Plate No.	7

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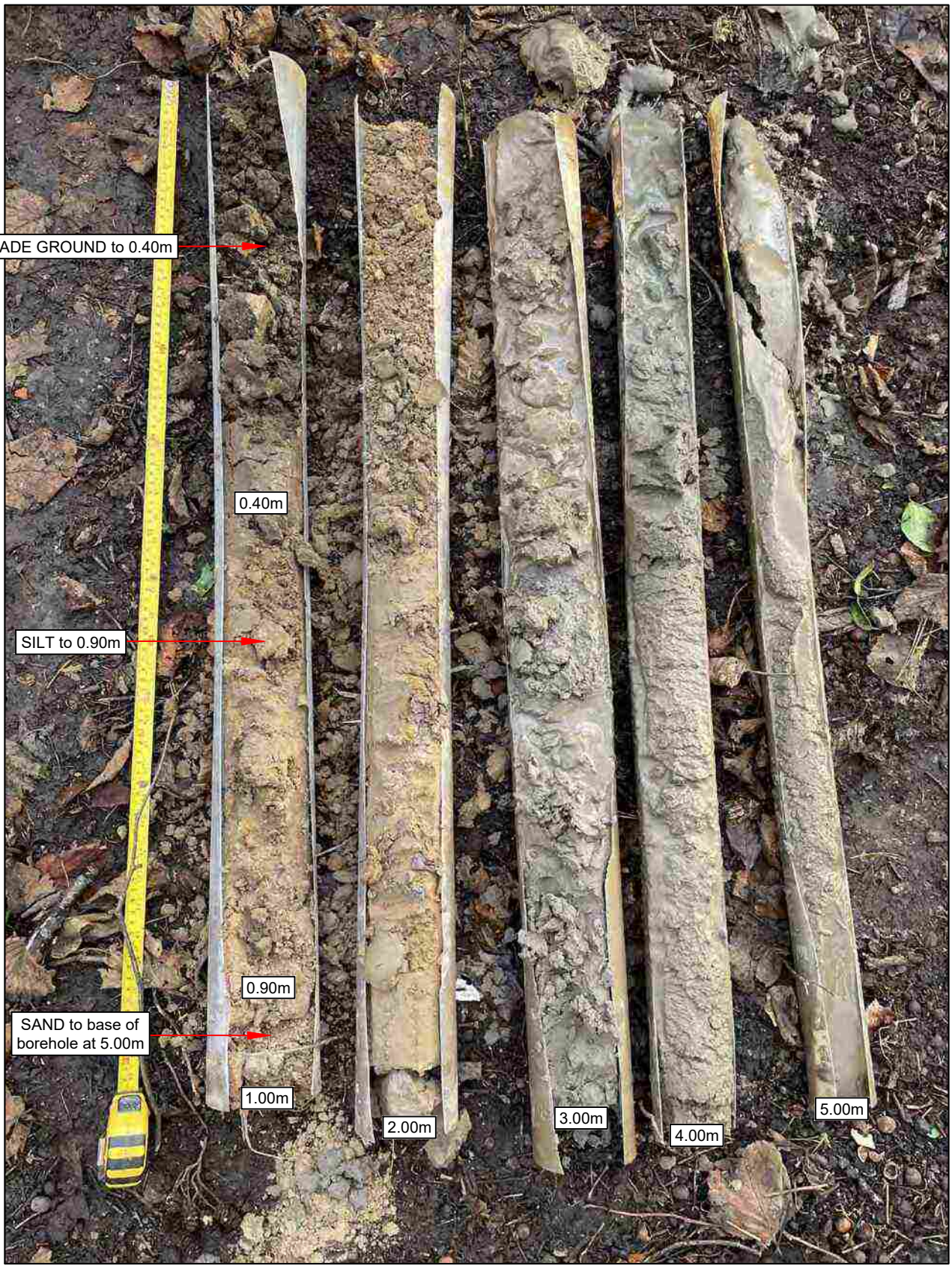

Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	WS101 - Recovered cores	Revision	
		Plate No.	8

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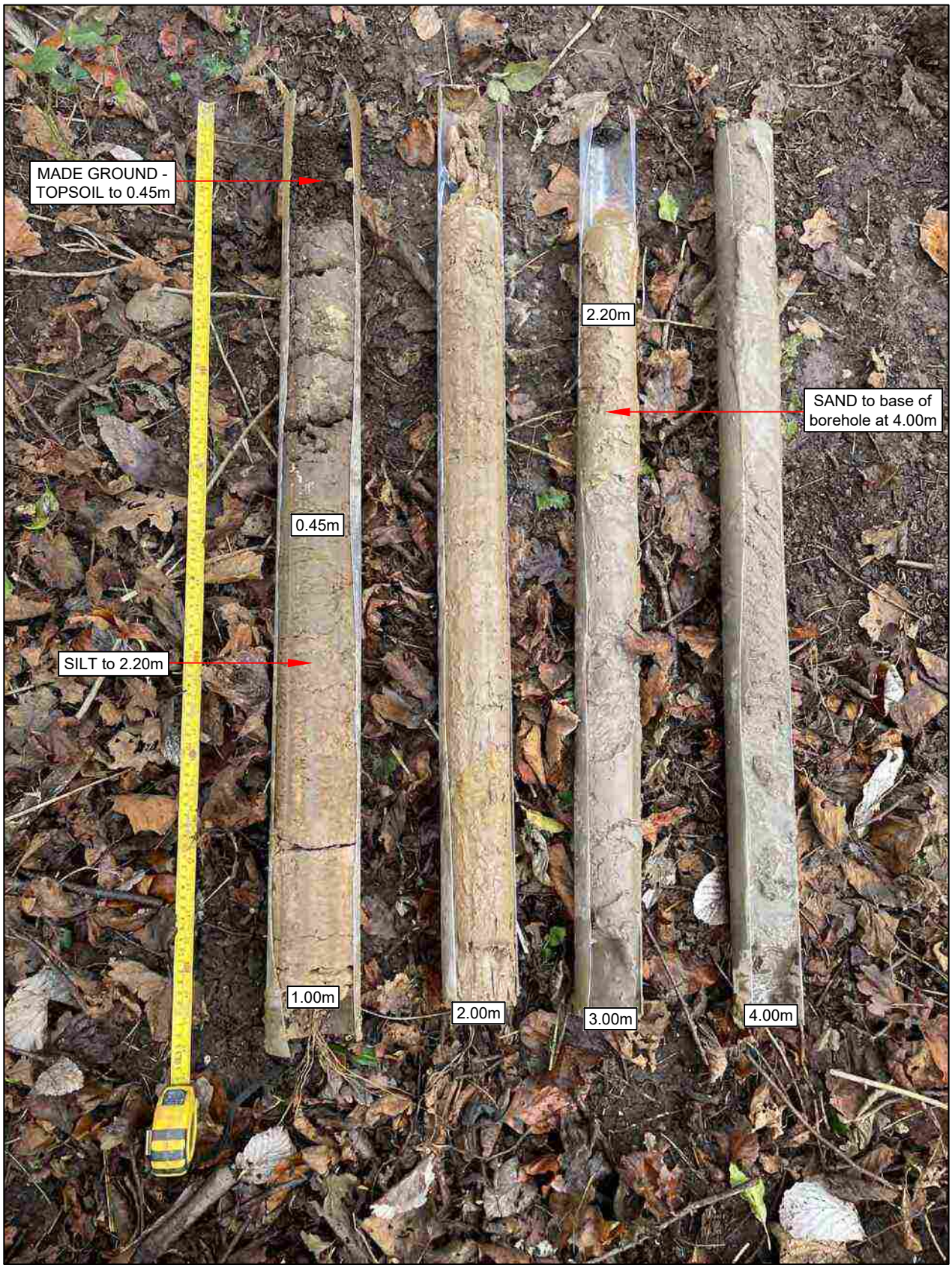

Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	WS102 - Recovered cores	Revision	
		Plate No.	9

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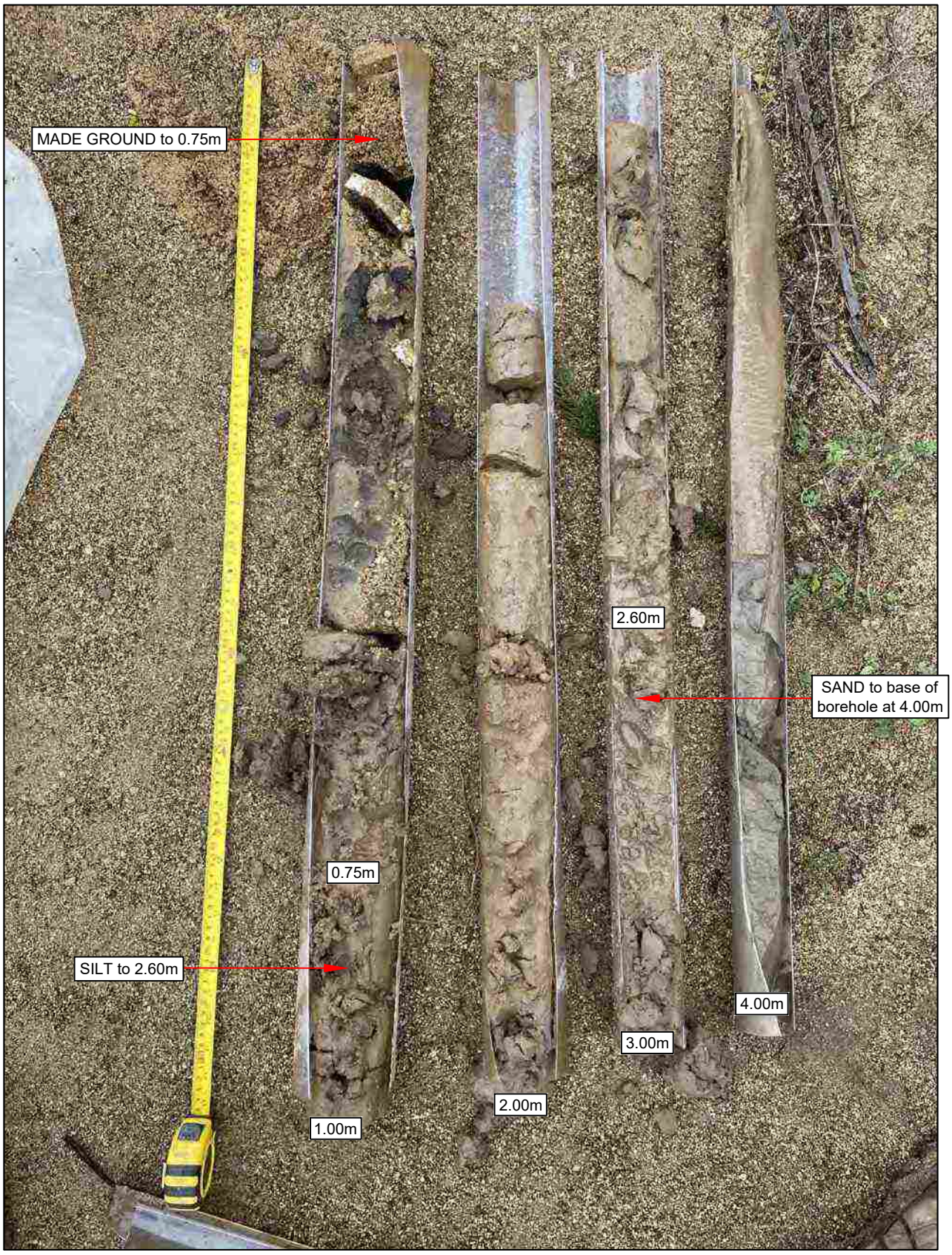

Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	WS103 - Recovered cores	Revision	
		Plate No.	10

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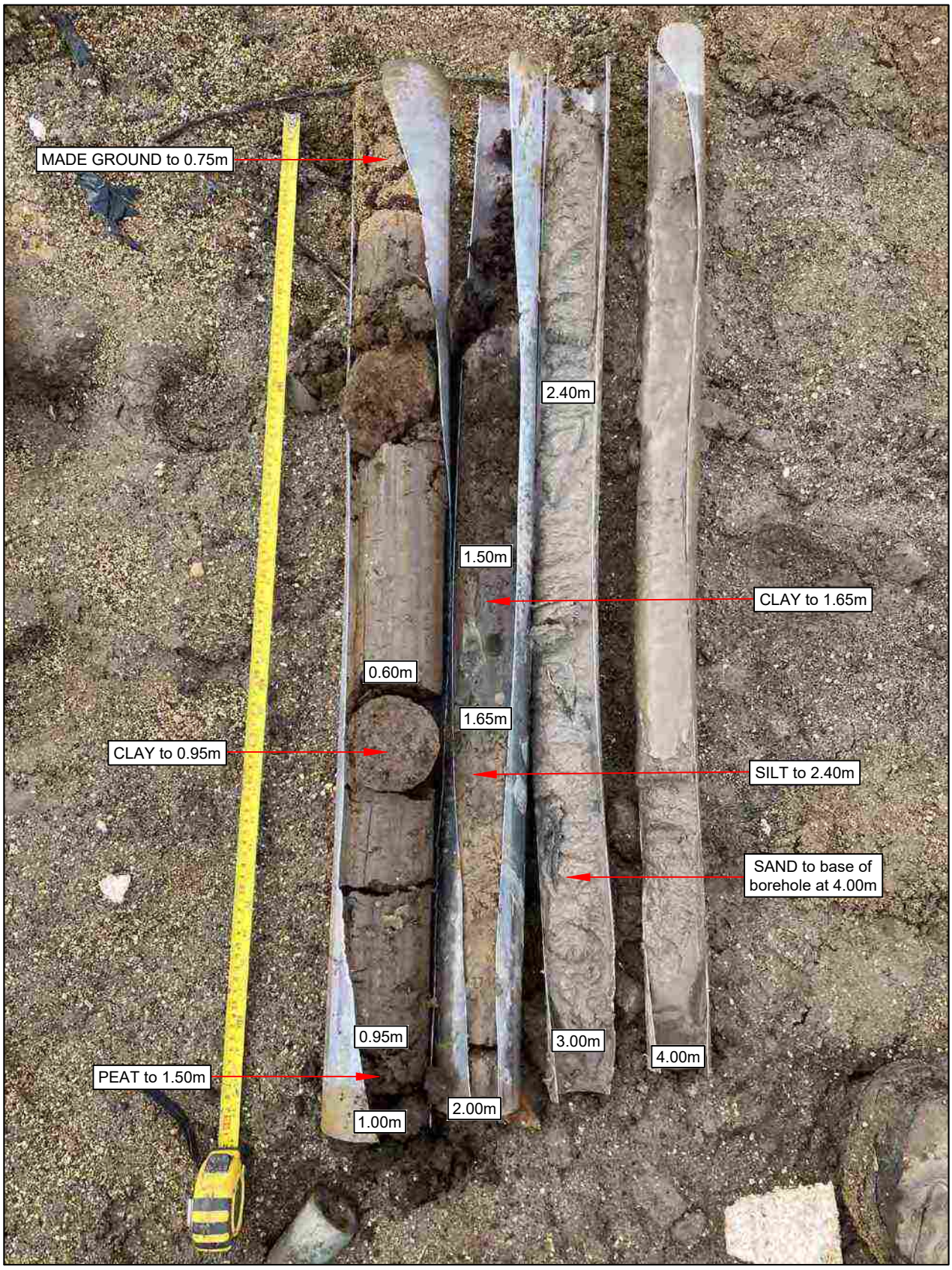

Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	WS105 - Recovered cores	Revision	
		Plate No.	11

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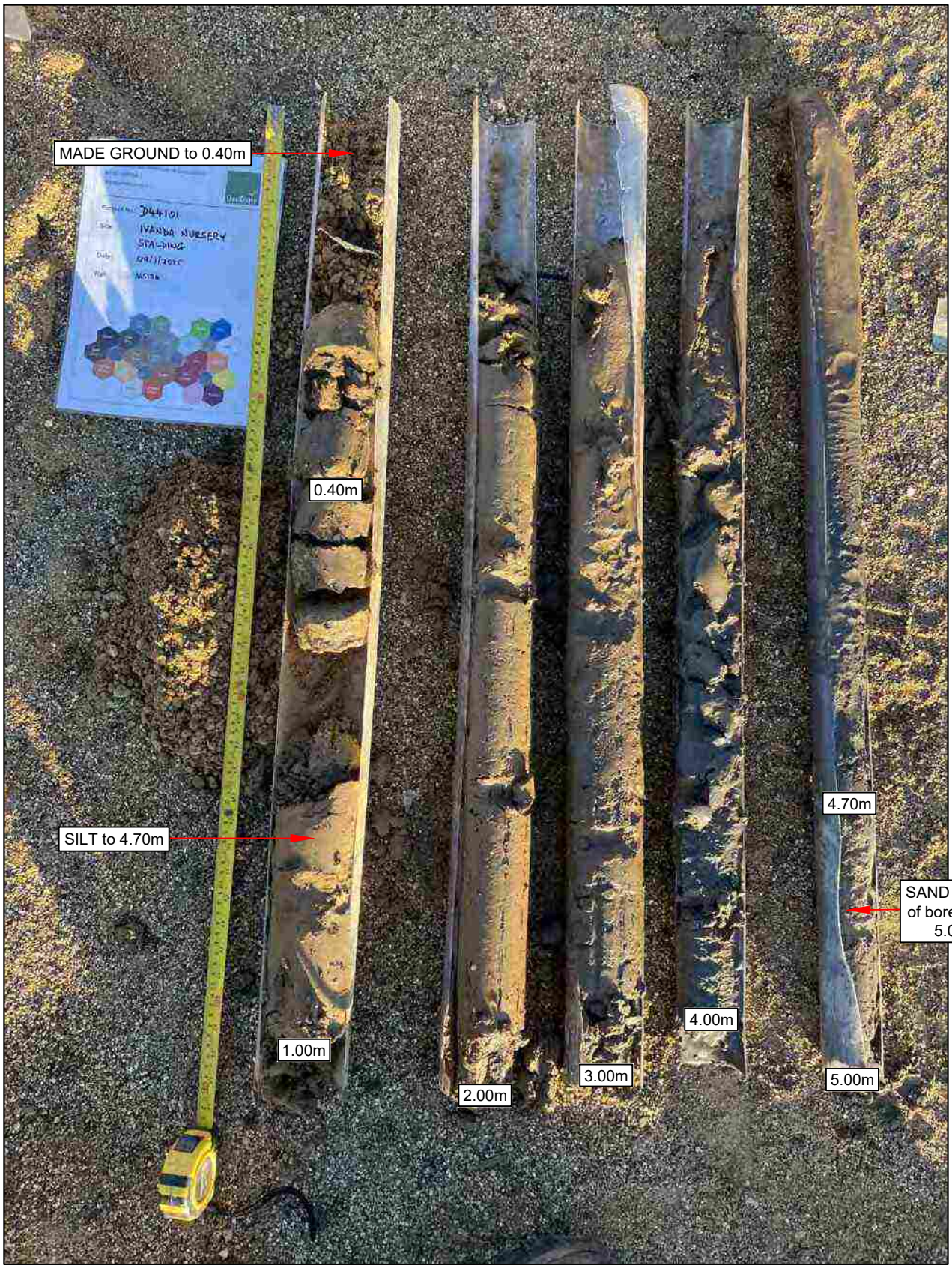

Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	WS106 - Recovered cores	Revision	
		Plate No.	12

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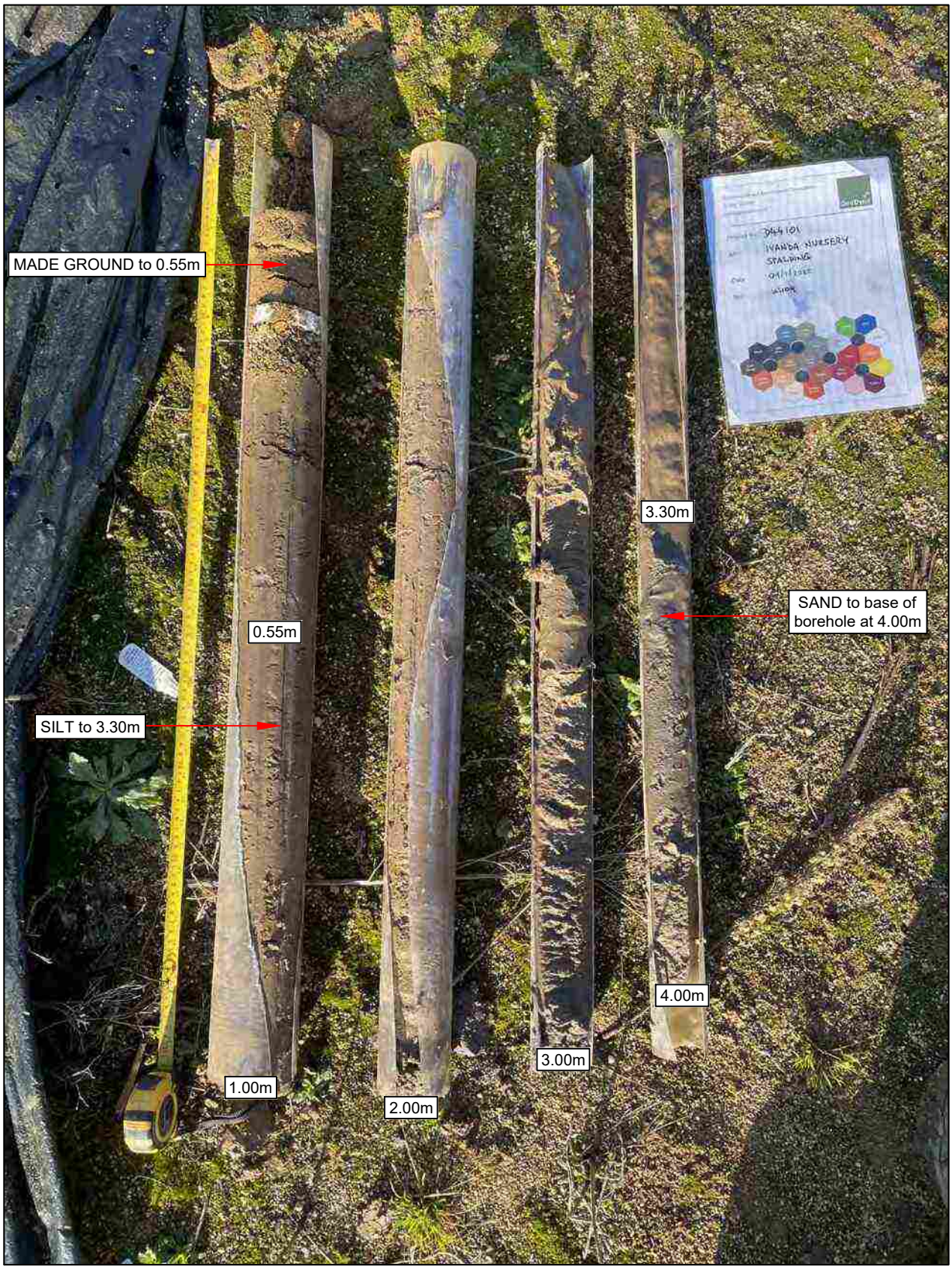

Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	WS109 - Recovered cores	Revision	
		Plate No.	13

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Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	WS110 - Recovered cores	Revision	
		Plate No.	14

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Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	WS111 - Recovered cores	Revision	
		Plate No.	15

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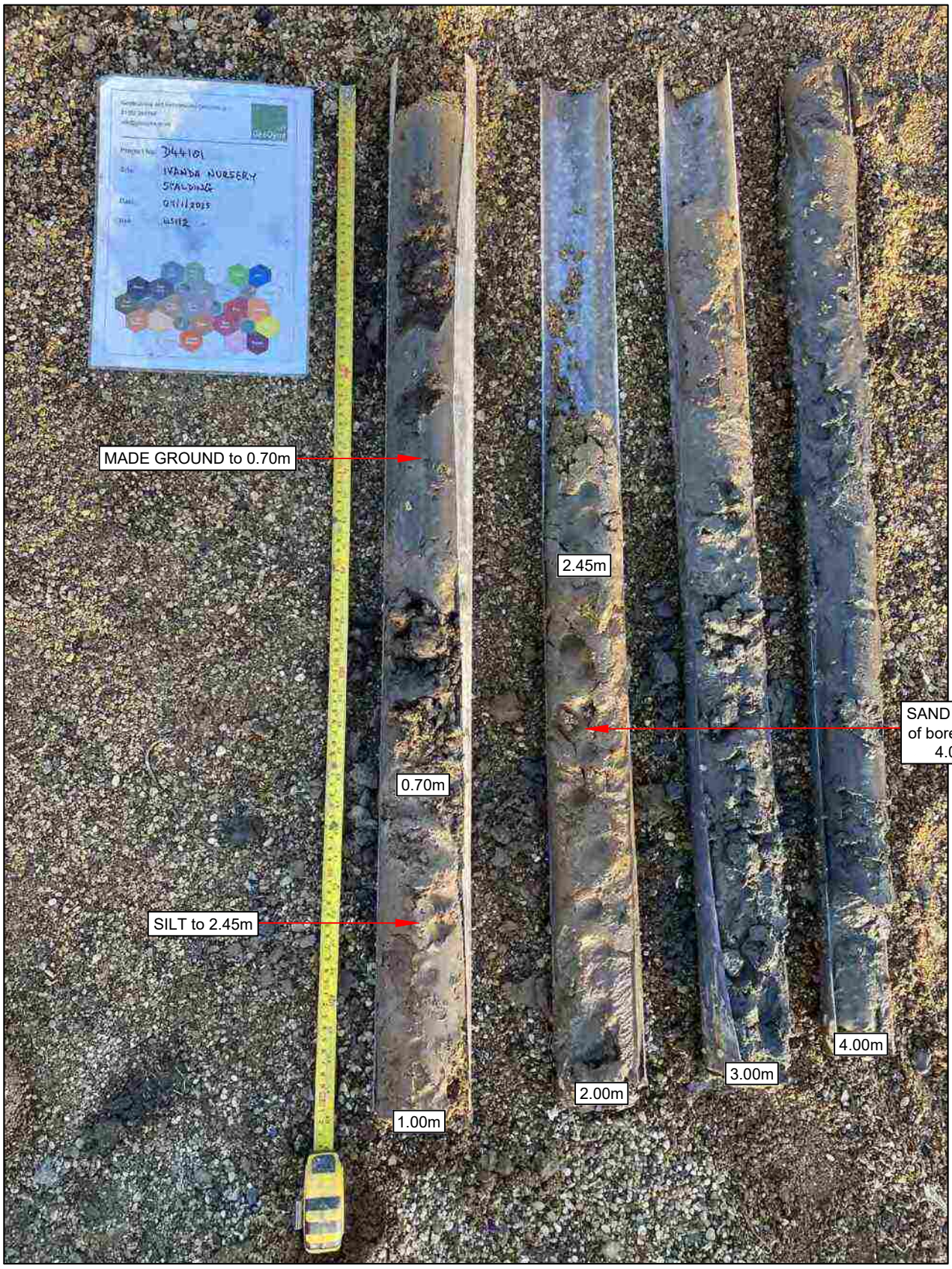

Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	WS112 - Recovered cores	Revision	
		Plate No.	16

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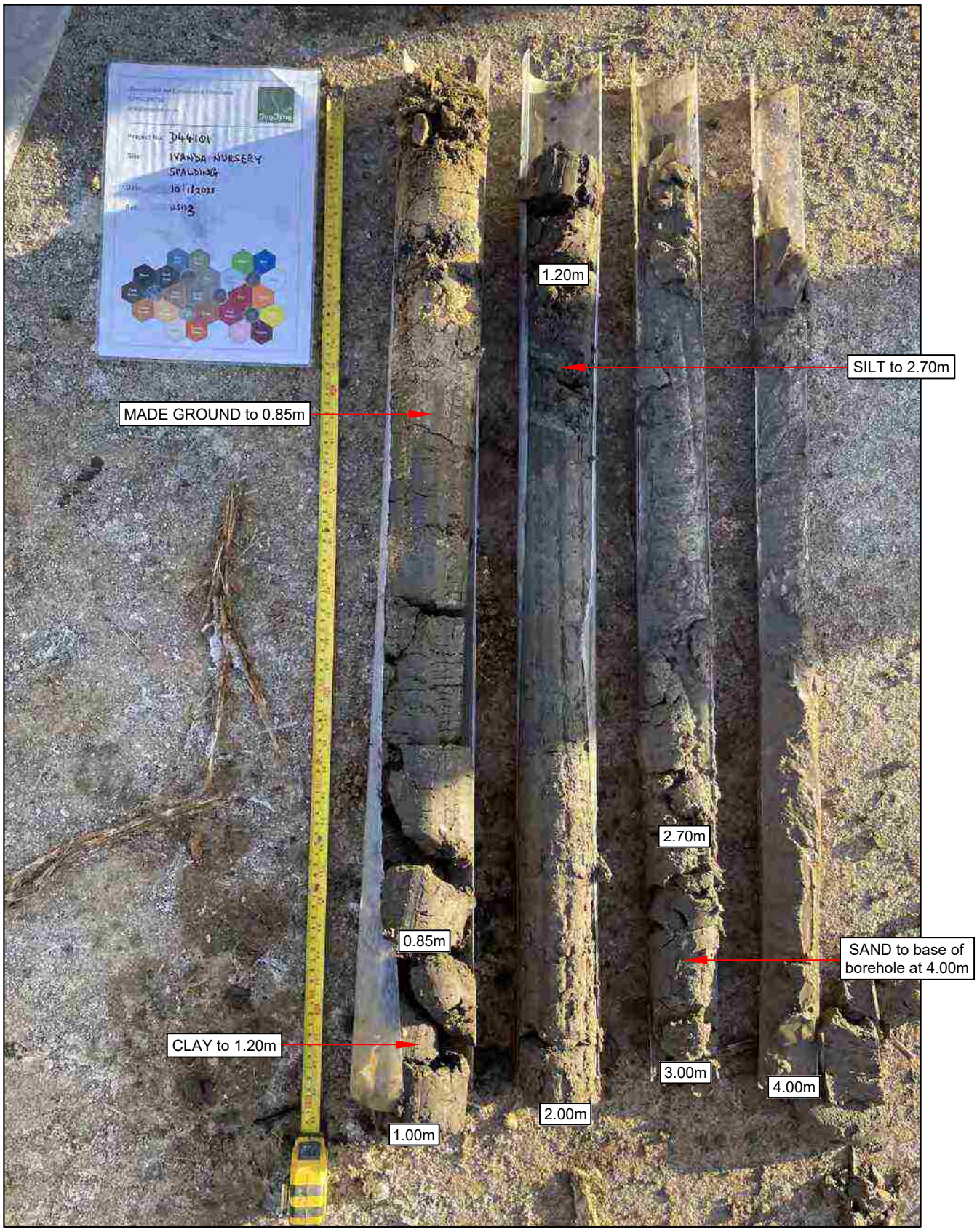

Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	WS113 - Recovered cores	Revision	
		Plate No.	17

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Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	WS114 - Recovered cores	Revision	
		Plate No.	18

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Project No.	D44101	Drawn By	SJ
Client	Seagate Homes	Checked By	PK
		Approved By	DB
Project	Ivanda Nursery, Monks House Lane, Spalding	Scale	NTS
		Date Drawn	14/01/2025
Title	View of cable percussion rig during drilling of BH1	Revision	
		Plate No.	19

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