

The Proposed tree shelter belts are shown in green with indicative trees shown within these. The mix of trees will be as follows:

- Scots Pine 5%
- Sycamore 20%
- Oak 20%
- Alder 20%
- Holly 10%
- Field Maple 15%
- Birch 10%

Irregular spacing of the trees is preferred at a density of approx 1600 trees per hectare. Alternatively line spacing between 2.1m and 3m maximum would provide an approximate density of between 2250 and 1100 trees per hectare.

Location Plan
Scale 1:2500

AMENDED

NYMNPA
07/02/2018

Ordnance Survey Licence No. 10002562

b h d partnership
Airy Hill Manor, Whitby, North Yorkshire, UK, YO21 1QB.

- DO NOT SCALE from this drawing. Only figured dimensions are to be taken from this drawing.
- The Contractor must verify all dimensions on site before commencing any work or shop drawings.
- The Contractor must report any discrepancies before commencing work. If this drawing exceeds the quantities taken in any way, the Technician is to be informed before work is initiated.
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REV	DATE	BY	AMENDMENT	CHKD	APVD
F	07.02.18	RB	Minor amendments	TH	
E	05.02.18	RB	Minor amendments	TH	
D	01.02.18	RB	Additional tree belts added	TH	
C	31.01.18	RB	Minor amendments	TH	
B	02/10/17	CE	Amended to suit client	TH	
A	11/07/17	CE	Issued for approval	TRH	nd

CLIENT: Mr & Mrs Harland			
PROJECT: Slurry lagoon High Farm Ugglebarnby			
A3	DRN: C.Eynon	DATE: 11/07/17	
SCALE: As shown	ISSUE: Preliminary		

DRAWING TITLE: Location Plan	
DRAWING NR: D11221-01	REV: F

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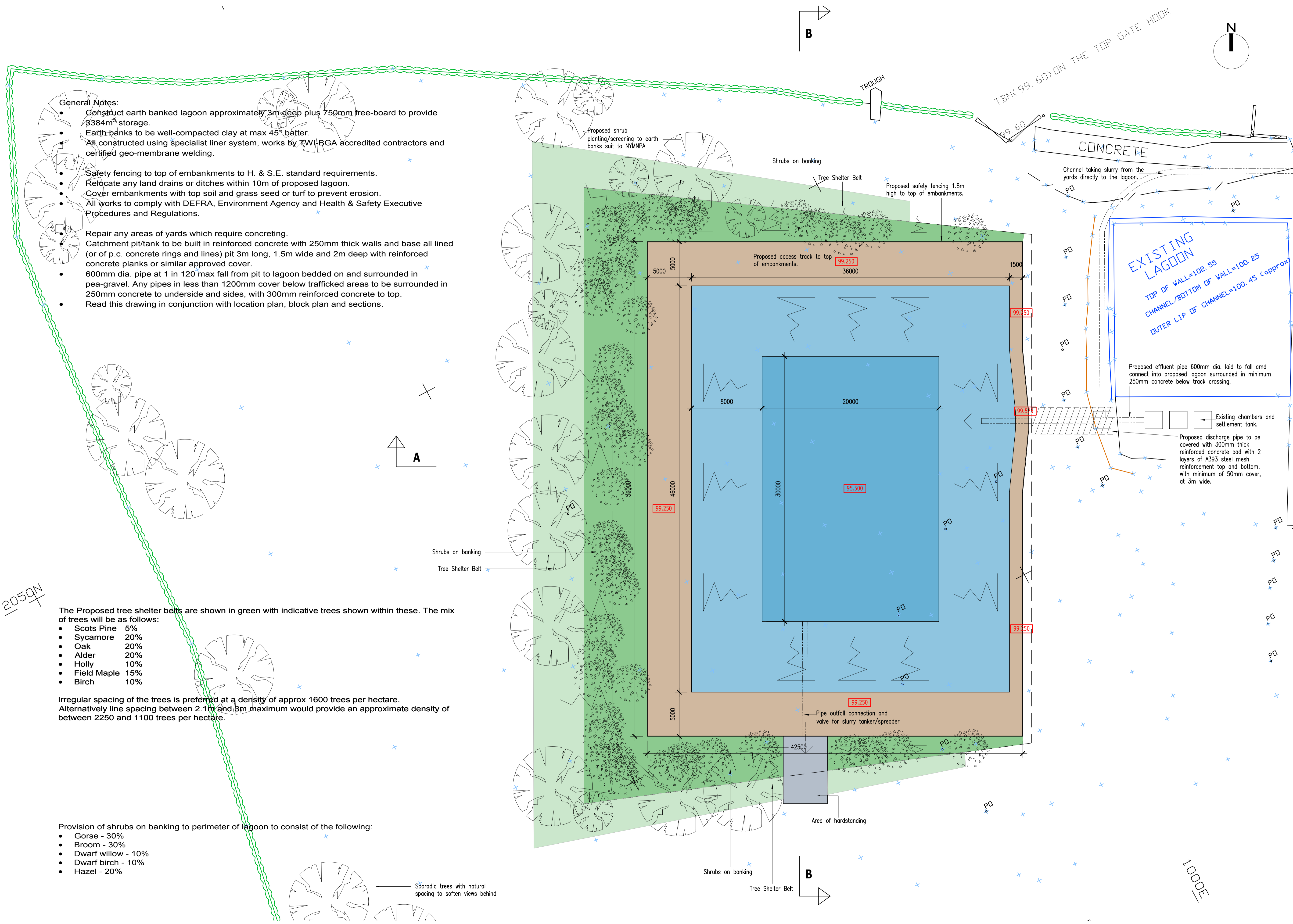
- General Notes:**
- Construct earth banked lagoon approximately 3m deep plus 750mm free-board to provide 3384m³ storage.
 - Earth banks to be well-compacted clay at max 45° batter. All constructed using specialist liner system, works by TWI-BGA accredited contractors and certified geo-membrane welding.
 - Safety fencing to top of embankments to H. & S.E. standard requirements.
 - Relocate any land drains or ditches within 10m of proposed lagoon.
 - Cover embankments with top soil and grass seed or turf to prevent erosion.
 - All works to comply with DEFRA, Environment Agency and Health & Safety Executive Procedures and Regulations.
 - Repair any areas of yards which require concreting.
 - Catchment pit/tank to be built in reinforced concrete with 250mm thick walls and base all lined (or of p.c. concrete rings and lines) pit 3m long, 1.5m wide and 2m deep with reinforced concrete planks or similar approved cover.
 - 600mm dia. pipe at 1 in 120 max fall from pit to lagoon bedded on and surrounded in pea-gravel. Any pipes in less than 1200mm cover below trafficked areas to be surrounded in 250mm concrete to underside and sides, with 300mm reinforced concrete to top.
 - Read this drawing in conjunction with location plan, block plan and sections.

- The Proposed tree shelter belts are shown in green with indicative trees shown within these. The mix of trees will be as follows:
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 - Oak 20%
 - Alder 20%
 - Holly 10%
 - Field Maple 15%
 - Birch 10%

Irregular spacing of the trees is preferred at a density of approx 1600 trees per hectare. Alternatively line spacing between 2.1m and 3m maximum would provide an approximate density of between 2250 and 1100 trees per hectare.

- Provision of shrubs on banking to perimeter of lagoon to consist of the following:
- Gorse - 30%
 - Broom - 30%
 - Dwarf willow - 10%
 - Dwarf birch - 10%
 - Hazel - 20%

Block Plan
Scale 1:200



REV	DATE	BY	AMENDMENT
F	07.02.18	RB	Minor amendments
E	05.02.18	RB	Minor amendments
D	31.01.18	RB	Minor amendments
C	07.12.17	RB	Minor amendments
B	02/10/17	CE	Amended to suit client
A	12/07/17	CE	Issued for approval

bhd partnership
Architecture + Engineering
Airy Hill Manor, Waterstead Lane,
Whitby, N. Yorks. YO21 1QB.

CLIENT: Mr & Mrs Harland

PROJECT: Slurry Lagoon at High Farm Uggelbarnby

Drawing: Proposed Block Plan
Scale 1:200

DRAWING STATUS: Preliminary

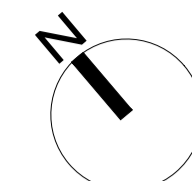
DRAWN: C Eynon
CHECKED: T R Harrison

SCALE @ SIZE: 1:200 @ A1
DATE: 12/07/17

DRAWING No: D11221-03
REV: F

Ordnance Survey Licence No. 100002562

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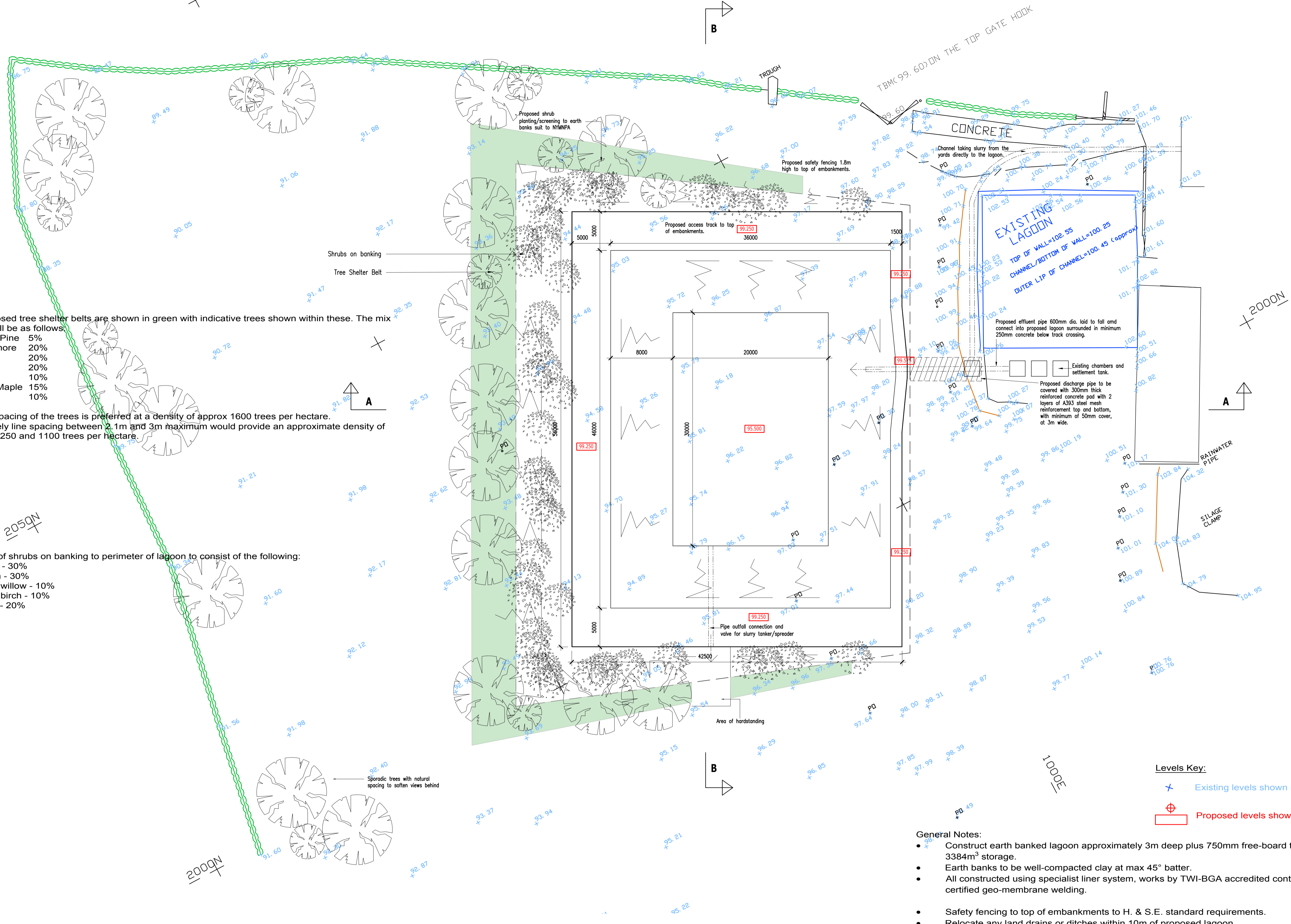
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PROPOSED Block Plan

Scale 1:250



Levels Key:
 ✕ Existing levels shown in blue.
 ⊕ Proposed levels shown in red.

- General Notes:**
- Construct earth banked lagoon approximately 3m deep plus 750mm free-board to provide 3384m³ storage.
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REV	DATE	BY	AMENDMENT
F	07.02.18	RB	Minor amendments
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D	31.01.18	RB	Minor amendments
C	07.12.17	RB	Minor amendments
B	02/10/17	CE	Amended to suit clients
A	02/08/17	CE	Issued for approval

bhd partnership
 Architecture + Engineering
 Airy Hill Manor, Waterstead Lane,
 Whitby, N. Yorks. YO21 1QB.

CLIENT: Mr & Mrs Harland
 PROJECT: Slurry Lagoon at High Farm Uglebarnby

Drawing: Proposed Block Plan
 Scale 1:250

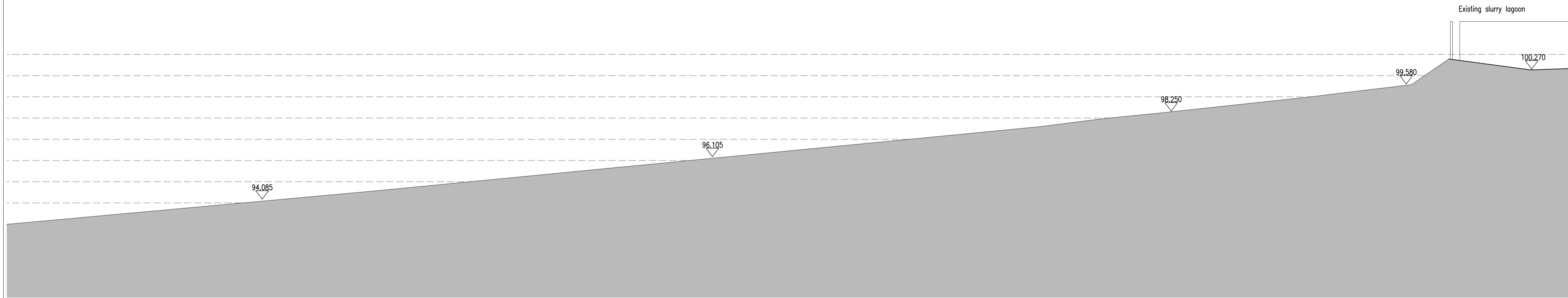
DRAWING STATUS: Preliminary
 DRAWN: C Eynon
 CHECKED: T R Harrison

SCALE @ SIZE: 1:250 @ A1
 DATE: 12/07/17

DRAWING No: D11221-04
 REV: F

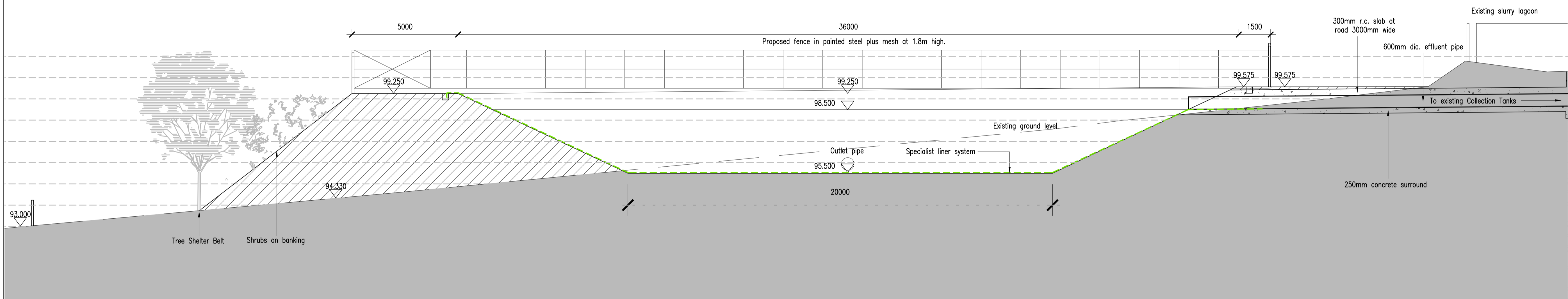
Ordnance Survey Licence No. 100002562

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EXISTING Longitudinal section through field A-A

Scale 1:100



PROPOSED Longitudinal section through lagoon A-A

Scale 1:100

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D	07.02.18	RB	Minor amendments
C	05.02.18	RB	Minor amendments
B	02/10/17	CE	Amended to suit client
A	02/08/17	CE	Issued for approval

REV	DATE	BY	AMENDMENT
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bhd partnership
 Architecture + Engineering
 Airy Hill Manor, Waterstead Lane,
 Whitby, N. Yorks. YO21 1QB.

CLIENT: Mr & Mrs Harland

PROJECT: Slurry Lagoon at High Farm Uglebarnby

Drawing: Existing and Proposed Longitudinal Sections A-A Scale 1:100

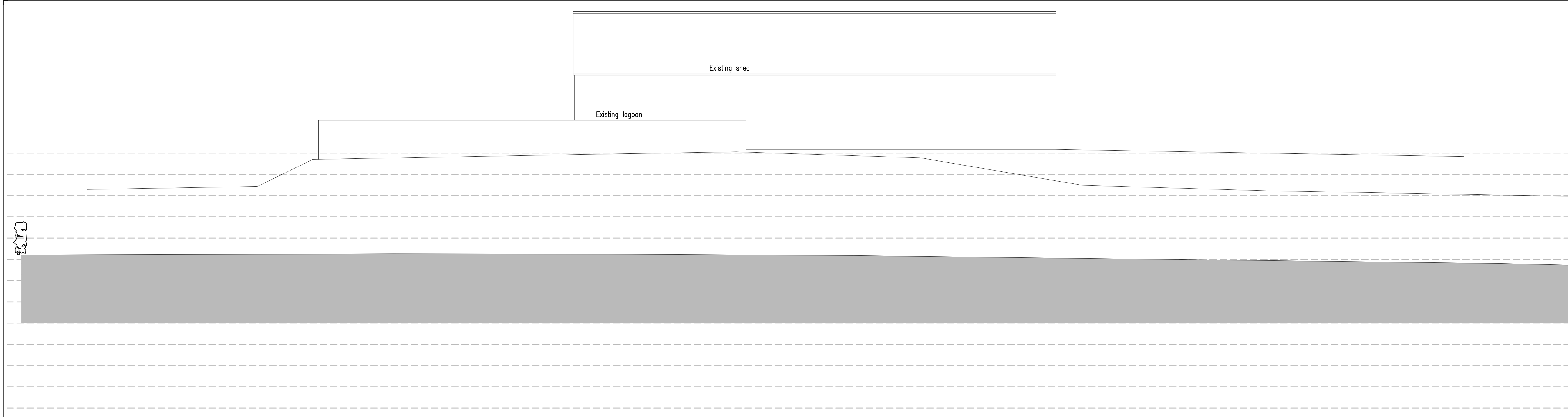
DRAWING STATUS: Preliminary

DRAWN: C Eynon CHECKED: T R Harrison

SCALE @ SIZE: 1:100 @ A1 DATE: 12/07/17

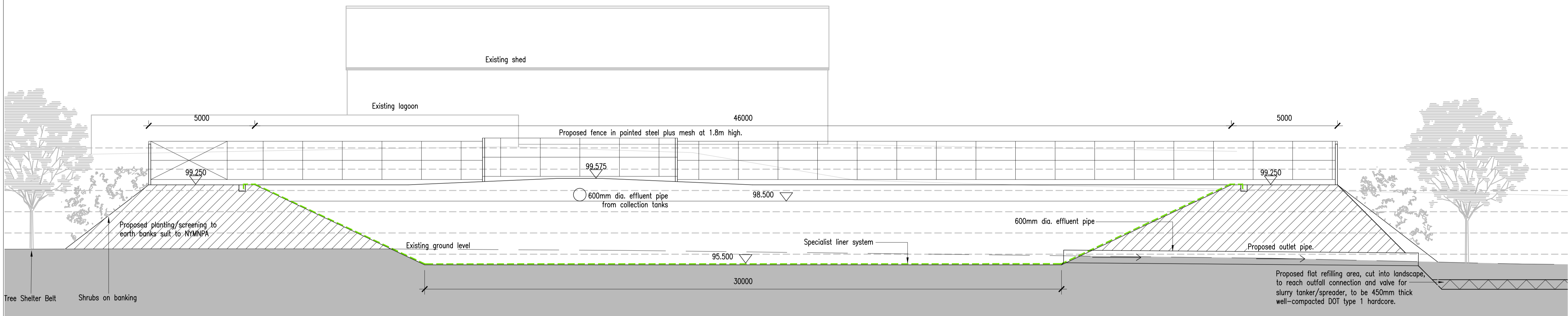
DRAWING No: D11221-05 REV: D

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EXISTING Longitudinal section through field B-B

Scale 1:100



PROPOSED Longitudinal section through lagoon B-B

Scale 1:100

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bhd
partnership
Architecture + Engineering

Airy Hill Manor, Waterstead Lane,
Whitby, N. Yorks. YO21 1QB.

CLIENT: Mr & Mrs Harland

PROJECT: Slurry Lagoon at High Farm Ugglebarnby

Drawing: Existing and Proposed Longitudinal Sections B-B Scale 1:100

DRAWING STATUS: Preliminary

DRAWN: C Eynon CHECKED: T R Harrison

SCALE @ SIZE: 1:100 @ A1 DATE: 12/07/17

DRAWING No: D11221-06 REV: D