

General Notes:

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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 TWIBGA 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 betts 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 2.1 m 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%

Sporadic trees with natural spacing to soften views behind

Shrubs on banking

Tree Shelter Belt

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* *	Mr & Mrs Harland PROJECT: Slurry Lagoon at High Farm Ugglebarnby				
r PA	Drawing: Proposed Block Plan Scale 1:200 DRAWING STATUS: Preliminary DRAWN: CHECKED:				
Ordnance Survey Licence No. 100002562	SCALE @ SIZE: DATE: 1:200 @ A1 12/07/17 DRAWING No: REV: D11221-03 F				

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1:250 @ A1

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PROPOSED Longitudinal section through lagoon B-B Scale 1:100 General Notes: Scale 5:100 Construct as helver bets are shown in green with indicative trees shown within these. The mix of trees will be as follows: • Scots Price 5% • Social Price • Alder • Proceeding and Price Price • Alder • Proceeding an	Pai Architecture + E Airy Hill Manor, Waterstead L Whitby, N. Yorks. YO21 1QB CLIENT: Mr & Mrs Ha PROJECT: Slurry Laga High Farm Ugg Drawing: Existing and P Longitudinal Sea Scale 1:1	arland pon at glebarnby roposed ctions B-B .00
 Brown - 30% Dwarf willow - 10% Hazel - 20% 	DRAWING STATUS: Preliminary DRAWN: C Eynon SCALE @ SIZE: 1:100 @ A1 DRAWING NO: D11221-06	T R Harrison 12/07/17 REV: D

