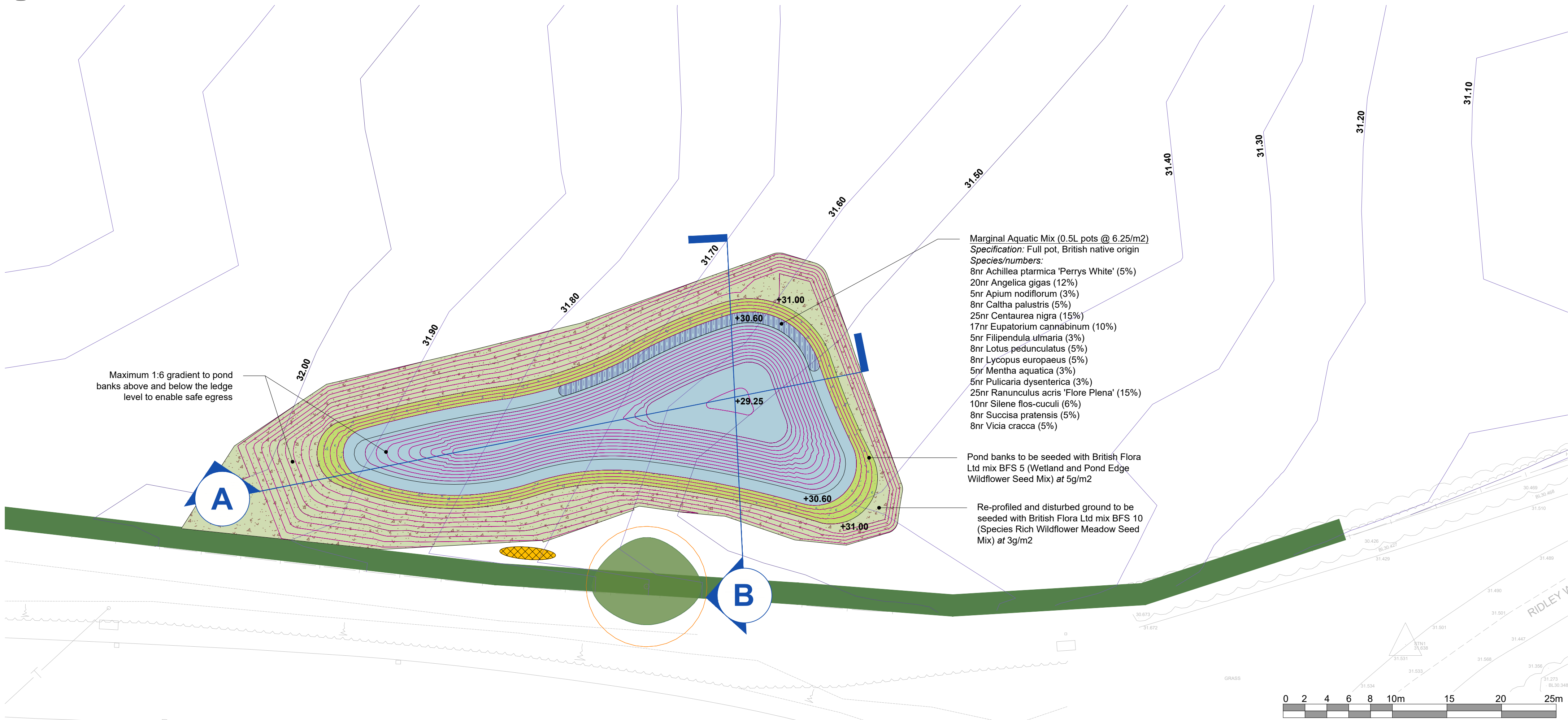


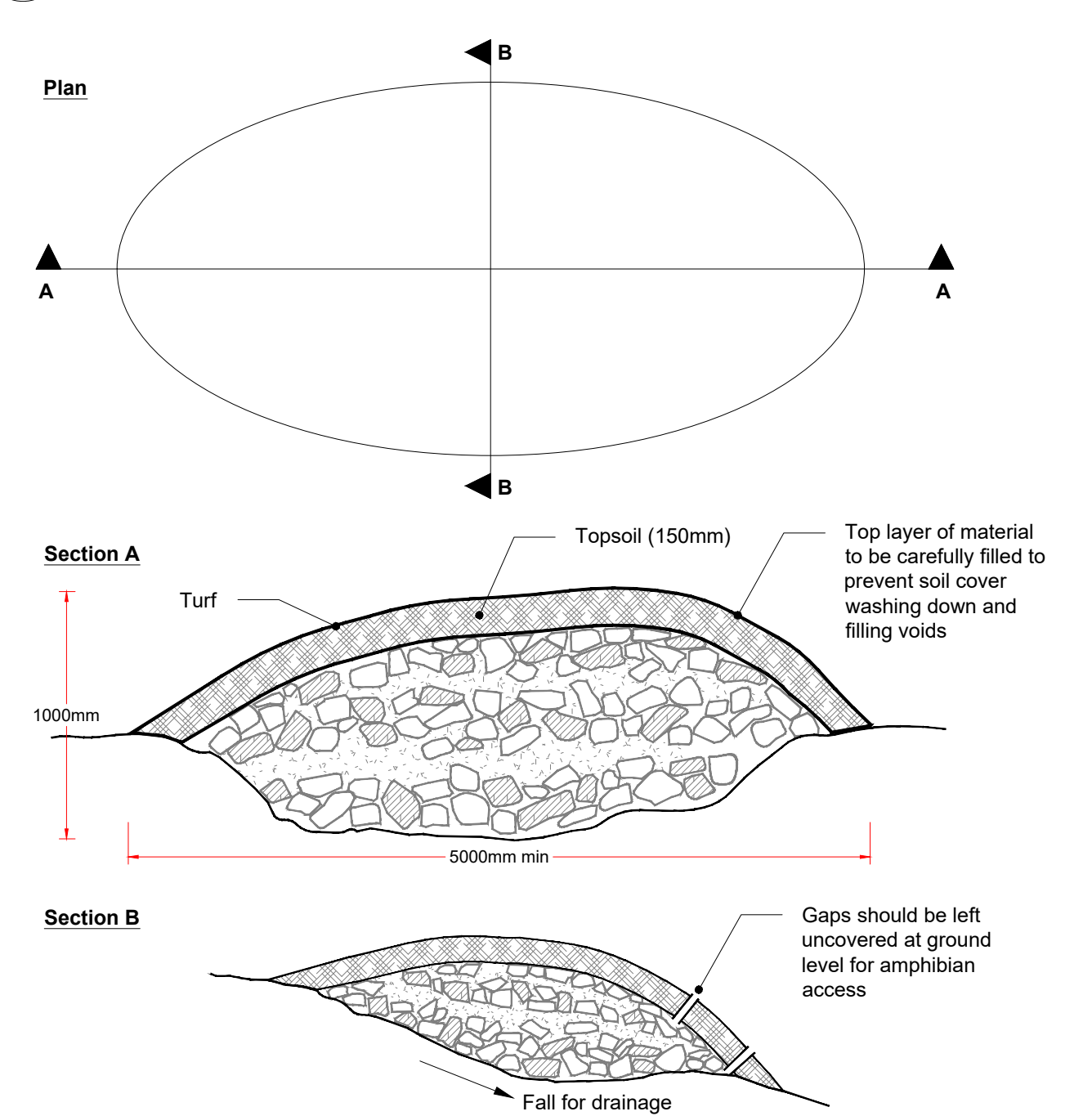
1 Pond layout

Scale: 1:250



2 Hibernacula detail

Scale: Not to scale



Hibernacular Notes

- Hibernacula to be set on high ground away from potential flooding
- The hibernacula is to be no less than 5m length x 1m width x 1m height.
- Turfs are removed prior to excavation for re-use.
- The hibernacula is to be constructed from new, clean bricks, (brick sizes to be half and full brick) and/or untreated logs.
- Vertical gaps to be no more than 50% filled with soil/vegetative matter so that voids are created for amphibians.
- Bricks or logs to be hand placed, roughly coursed with some bricks placed at 45° to the ground and locally found soil / dead leaves / grass roots to be placed in 300mm layers between courses.
- The mound is to be covered with 150mm topsoil and turfs.

Key

Existing features

- Trees retained
- Root protection area
- Hedgerow retained
- Contours

Proposed features

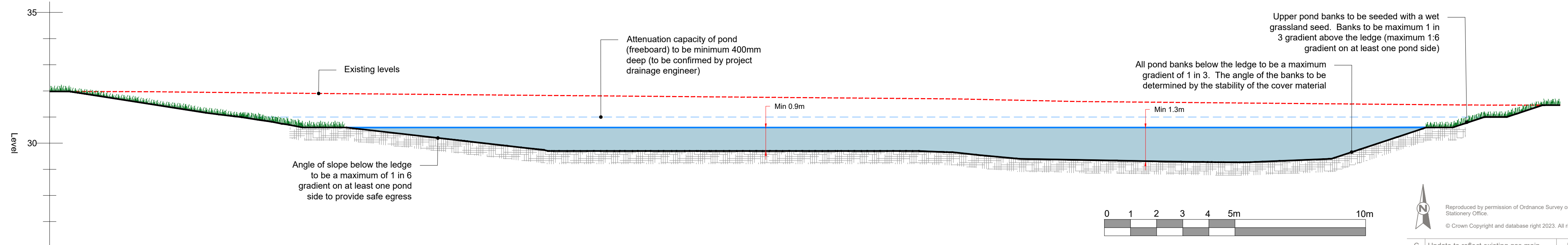
- Waterbody
- Wet grassland seeding
- Meadow grassland seeding
- Aquatic planting
- Contours
- Amphibian hibernacula

Earthworks Notes

- Levels are in metres relative to ordnance datum, unless noted otherwise.
- A cut and fill balance exercise has not been undertaken as part of the production of the drawings as this will have to be based on quantity of quarried material by the Client
- All earthworks to be undertaken in accordance with BS3882.
- Soil management, handling and placement shall be undertaken in accordance with 'Code of Practice for the Sustainable use of Soils on Construction Sites' (Defra, 2011).
- Separate stockpiling of different materials (ie. topsoil, clay, sand, etc) must be undertaken
- Care to be taken where soiling around existing trees and hedgerows. Soil levels should not be altered within the root protection area or drip line, whichever is greater.
- Subsoil should be used to raise level below topsoil finishes in soft landscaped areas to the required depth to support the final finish (ie. grass seeding, shrub planting, tree planting, etc).
- Topsoil and subsoil within 250mm of finished surface shall be free from stones in excess of 50mm diameter, wood, metal, debris, etc.
- A subsoil surface will be required for seeding areas containing wildflower within the seed mix.
- Specification and depth of the puddled clay liner to be determined by project engineer/hydrologist to suit the site geology/ground conditions.

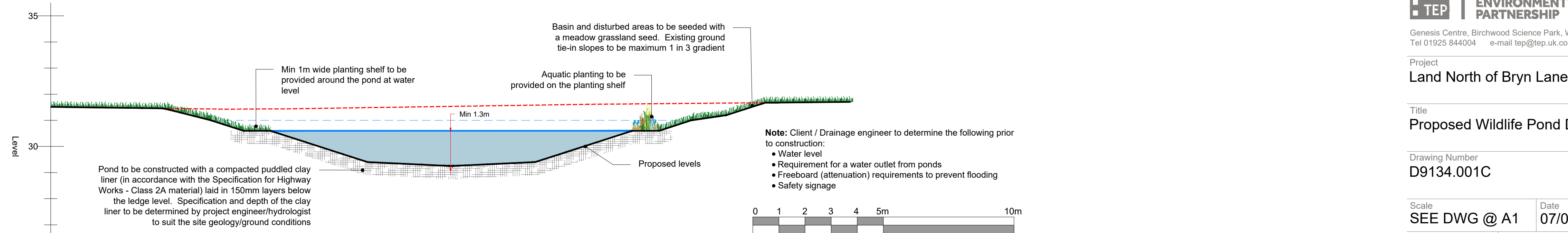
A Section A - Wildlife pond detail

Scale: 1:100



B Section B - Wildlife pond detail

Scale: 1:100



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C	Update to reflect existing gas main	RC	LGr	03/10/23
B	Update to reflect future substation	RC	LGr	29/09/23
A	Update on annotations	RC	GDA	17/08/23
Rev	Description	Drawn	Approved	Date



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Project
Land North of Bryn Lane, Wrexham

Title
Proposed Wildlife Pond Details

Drawing Number
D9134.001C

Scale	SEE DWG @ A1	Date	07/07/2023
Drawn	RJC	Checked	LGr
		Approved	LGr