

24194 – Ham Cross Farm – Proposed Conservation Pond - 19/06/26

1. *What is the purpose of the pump chamber?*

To keep pond water level topped up – specification and location TBC

2. *What is the size and design proposal for the jetty?*

10.0 x 3.0M – oak timber construction

3. *What is the proposed sectional detail for the swale?*

See attached drawing ‘MWE_24194_HCF_PO_SW&BR_X_06_06.26’

4. *What is the proposed sectional detail and materials specification for the spillway?*

See attached drawing ‘MWE_24194_HCF_PO_SW&BR_X_06_06.26’

5. *What is the proposed sectional detail and planting for the wetland*

See attached drawing ‘Wetland Standard Detail’

6. *Where the proposed 42 trees to be planted (referenced within BNG Assessment), and what species?*

Trees to be planted in groups of x3 – 4 No. as BNG Proposed Plan / Planting Plan - native species only: Oak (anchor species), Silver Birch, Rowan, Hawthorn

7. *Where will the 0.18279 ha. of new reedbeds (referenced within BNG Assessment) be located?*

Reedbed to be located within the Wetland and Swale as indicated on ecologists BNG Plan – also see Planting Plan

See drawing ‘MWE_24194_HCF_PLANTING PLAN_07_05.26’

8. *What are the proposed construction details for the lake (ie. materials and lining)?*

Lake bund constructed from site won, existing soils and to be HDPE Plastic Lined with Geotextile membrane above and below.

9. *What are the management proposals for the pond and wetland?*

- **Regular visual inspection of shoreline planting to ensure native species are thriving**
- **Schedule seasonal maintenance e.g. pruning and/or planting**
- **Monitor water quality**
- **Ensure any run-off or pollution sources are managed appropriately and action**

10. What are the management proposals for the grassland adjacent to the pond and wetland?

Grass to be cut twice annually where necessary with 5 metre strip to the NE perimeter to remain unmanaged. **See drawing 'MWE_24194_HCF_PLANTING PLAN_07_05.26'**

11. Will the proposed bunds, pond and wetland areas be planted/seeded, or left to colonise naturally?

Conservation Pond (A) – Marginal Planting

Three areas of marginal planting (two metres wide) to soften the pond edge using a cross section of pollinators and evergreens good for habitat and erosion control.

In addition to the marginal planting, a five metre area of non-intervention management to the NE perimeter of the pond will also help to blur the 'formal' pond edge while also providing refuge for amphibians.

- *Iris pseudacorus* (Yellow Flag)
- *Butomus umbellatus* (Flowering Rush)
- *Veronica beccabunga* (Brooklime)
- *Caltha palustris* (Marsh Marigold)
- *Lythrum salicaria* (Purple Loosestrife)
- *Mentha aquatica* (Water Mint),
- *Juncus inflexus* (Hard Rush)
- *Stachys palustris* (Marsh Woundwort)
- *Ranunculus lingua* (Greater Spearwort)
- *Hottonia palustris* (Water Violet)
- *Lycopus europaeus* (Meadowsweet)
- *Scrophularia aquatica* (Water Figwort)
- *Myosotis palustris* (Forget-Me-Not)
- *Alisma plantago* (Water Plantain)

Swale (B) & Wetland (C) - Soft Rush gives the swale it's wetland character. Hemp Agrimony provides height and strong visual impact and Cuckoo Flower introduces seasonal colour and a more naturalistic feel:

- *Juncus effusus* (Soft Rush)
- *Eupatorium cannabinum* (Hemp Agrimony)
- *Cardamine pratensis* (Cuckoo Flower)
-

Bunds (D) Created Neutral Grassland – sub-soil exposed and native wildflower and grass mix will be used and managed to ensure 10 species per m2.