

KEY - LANDSCAPE

234m² - AREAS RETURNED TO PLANTING: NATIVE SPECIES- RICH NEUTRAL GRASSLAND MIX OF WELSH PROVENANCE. RED FESCUE, COMMON BENT, CRESTED DOG'S TAIL WITH YELLOW RATTLE + NATIVE WILDFLOWERS SOWN AT 4-5g/m²

45m² - AREAS OF INFILL HEDGE - MATCH EXISTING HEDGE SPECIES AND RATIO WHERE POSSIBLE.

100m² - WILDFLOWER MEADOW PLANTED UNDER TREE CANOPY. EMORSGATE EM4 MEADOW MIXTURE FOR CLAY SOILS

SCHWEGLER 1FF FLAT BAT BOX. MOUNTED >3M ABV GROUND (IDEALLY 4-5M)

TREE PROTECTION THROUGHOUT CONSTRUCTION TO BS5837:2012

LANDSCAPE NOTES

- GENERAL
- All works to be read in conjunction with the ecologist's bat survey report. Where the report requires mitigation, its recommendations take precedence over these notes.
 - No external lighting to illuminate the bat box, meadow, grass areas or boundary hedgerow. Any lighting to BCT/ILP Guidance Note 08/23: warm white (≤2700K), downward-directed, PIR-controlled.
 - No ground disturbance within any scheduled monument area without Cadw consent. Contractor to confirm boundary before works.
 - No imported topsoil, fertiliser or herbicide (except spot treatment of injurious weeds) in any planted or seeded area.

GROUND PREPARATION (ALL SEEDED AREAS)

Remove all demolition material, foundations, slabs, hardcore and debris. Rip/subsoil compacted ground. Reuse site-won topsoil only where free of debris. Stale seedbed weed control, then finish to a fine, firm tilth.

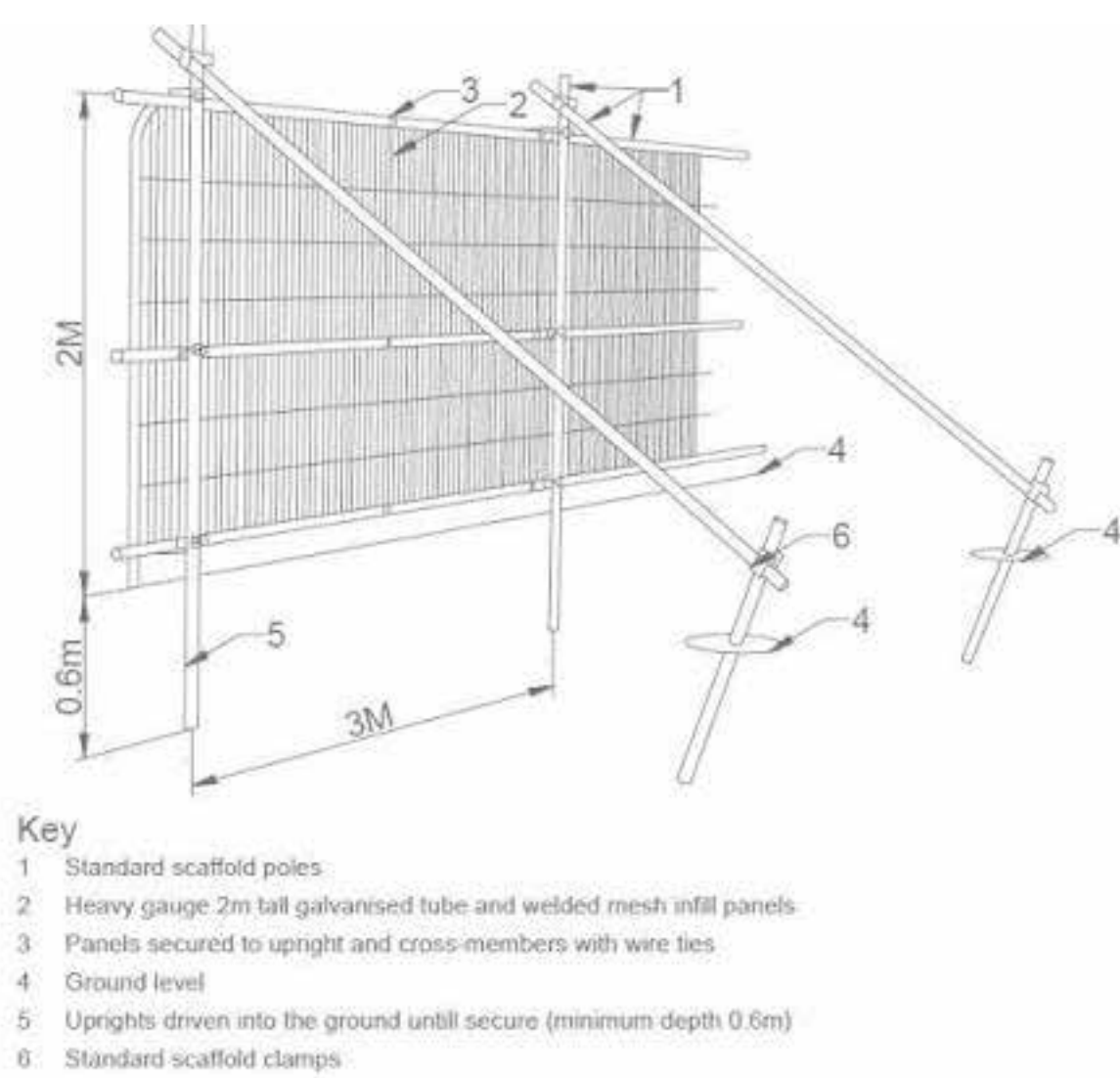
- WILDFLOWER MEADOW
- Seed: Emorsgate EM4 Meadow Mixture for Clay Soils, UK native origin. Add yellow rattle at 1 g/m² if not included in the supplied mix.
 - Sow at 4 g/m² (or supplier's recommended rate), September–October. Bulk with dry sand, surface broadcast in two directions, roll in. Do not bury seed.
 - Year 1: cut annual weed flush early August, remove arisings, then keep sward at c.50mm until end of March.
 - Year 2 onwards: no cutting April–July. Hay cut to c.50mm late July–August, leave 1–7 days to shed seed, remove all arisings. Mow regrowth to c.50mm through autumn/winter.

- GRASS AREAS
- Seed: native grass mix of UK native origin, non-cultivar: red fescue (*Festuca rubra*) 60%, crested dog's-tail (*Cynosurus cristatus*) 30%, common bent (*Agrostis capillaris*) 10%.
 - Sow at 15 g/m², September–October or March–April. No ryegrass or amenity cultivars.

- BAT BOX
- 1 no. Schwegler 1FF woodcrete flat bat box or approved equivalent.
 - Mount on a mature boundary tree or retained building, 3-5m above ground, facing south (south-east to south-west acceptable). Clear flight path of at least 1m below and in front of the box.
 - Trees: fix with manufacturer's galvanised hanger and aluminium nail only – no steel fixings into trees. Masonry: A2/A4 stainless steel screws and plugs via the box's support points.
 - Install October–March. Box not to be opened or disturbed; any inspection by licensed bat worker only.

- NATIVE HEDGEROW INFILL
- Infill gaps in existing boundary hedge. Match existing species where present; otherwise: hawthorn 55%, blackthorn 10%, hazel 10%, field maple 7%, holly 5%, dogwood 4%, dog rose 3%, guelder rose 3%, spindle 2%, crab apple 1%. Omit spindle next to grazing land. No ash.
 - Bare-root transplants 60–90cm (holly cell/pot-grown 30–40cm). UK native provenance, with UK Plant Passport.
 - Double staggered row, rows 40cm apart, 45cm centres (5 plants/linear m). Plant November–March.
 - Biodegradable spiral guard and cane to each plant. Mulch 1m strip with biodegradable mat or 75mm wood chip. No plastic sheeting.
 - Keep 1m strip weed-free for 3 years. Replace failures within 5 years like-for-like.
 - Trim no more than once every 2–3 years, January–February only. No cutting 1 March – 31 August. Maintain min. 2m high x 1.5m wide.

- TREE PROTECTION DURING CONSTRUCTION PHASE
- TO BS5837:2012, in accordance with the following:



LANDSCAPE PLAN

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