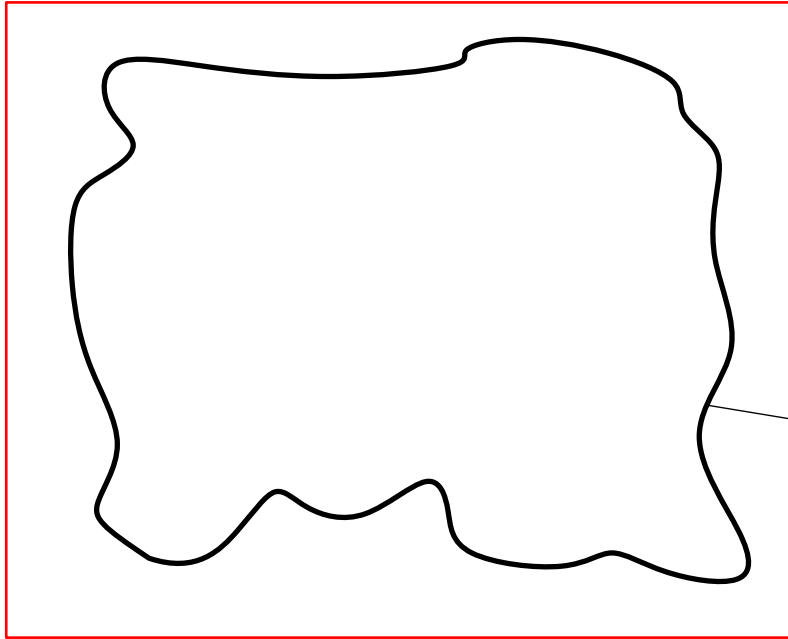


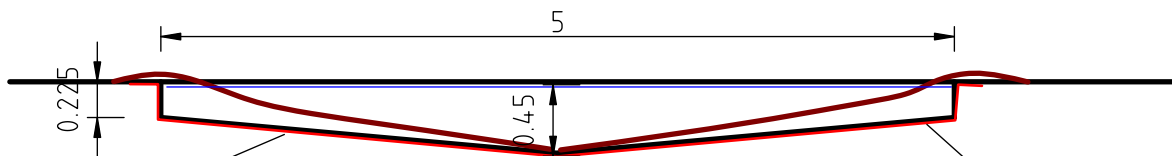
Pond creation using liners

Shallow wildlife pond dug into level lawn or field



Liner dimensions for 5m x 5m shallow pond should be not less than 6m x 6m (Standard liner width: 6.1m; x 6.1m long for a square liner) cost €20/m² including VAT, geotextile top and bottom, ex. delivery)

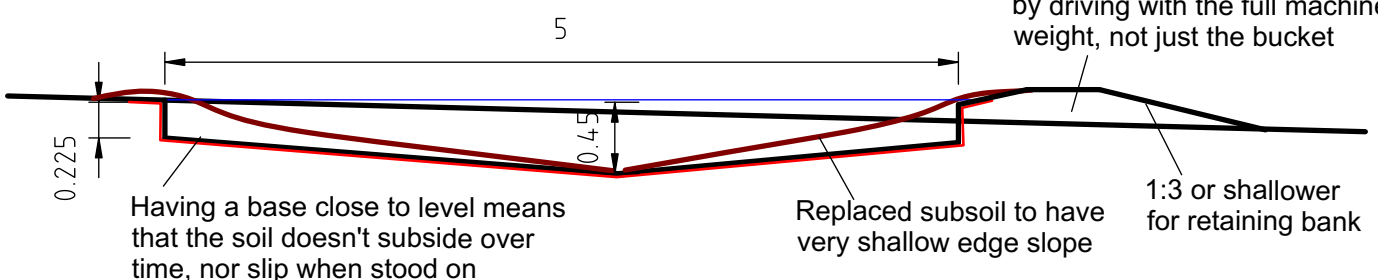
Undulating perimeter shape achieved by replacement of subsoil, not by shaping the liner. To avoid square final finish, leave wildflower perimeter outside lined area, and plant with yellow flag Iris to break regularity of edge



On seasonally wet sites slope liner upwards to avoid bubbles forming under plastic

Upper geotextile layer can wick water in dry weather, so consider keeping back from the edge of the pond, instead using to cover base only

Shallow wildlife pond dug into sloping lawn or field



- 1 - Clear topsoil and vegetation from pond (and lower bund if on sloping ground) and remove from pond site.
- 2 - Remove subsoil to required depth (moving subsoil to lower bund if on sloping ground).
- 3 - Set some subsoil to one side for use on top of liner.
- 4 - Dig vertical edges to less than 30cm depth and deepen the centre to 45cm.
- 5 - Lay geotextile and liner across clean, stone-free pond base, keeping some slack to avoid puncture when soil is replaced.
- 6 - Ensure that the upper liner edge is spot on level all around; adjusting as needed before finishing edge detail.
- 7 - Replace loose subsoil such that the soil comes up just above ground level at the edge, and slopes gently to nothing in the pond centre.

Pond will fill from rainfall only and possibly from upslope runoff. For water sources other than direct rainfall consider shed or house roof water or piped inputs from upgradient stream or drain. Note that the upper geotextile and/or replaced subsoil will wick some water in dry weather so pond may dry out in prolonged dry spells. This variability can be beneficial for wildlife, rather than a problem to be solved.

