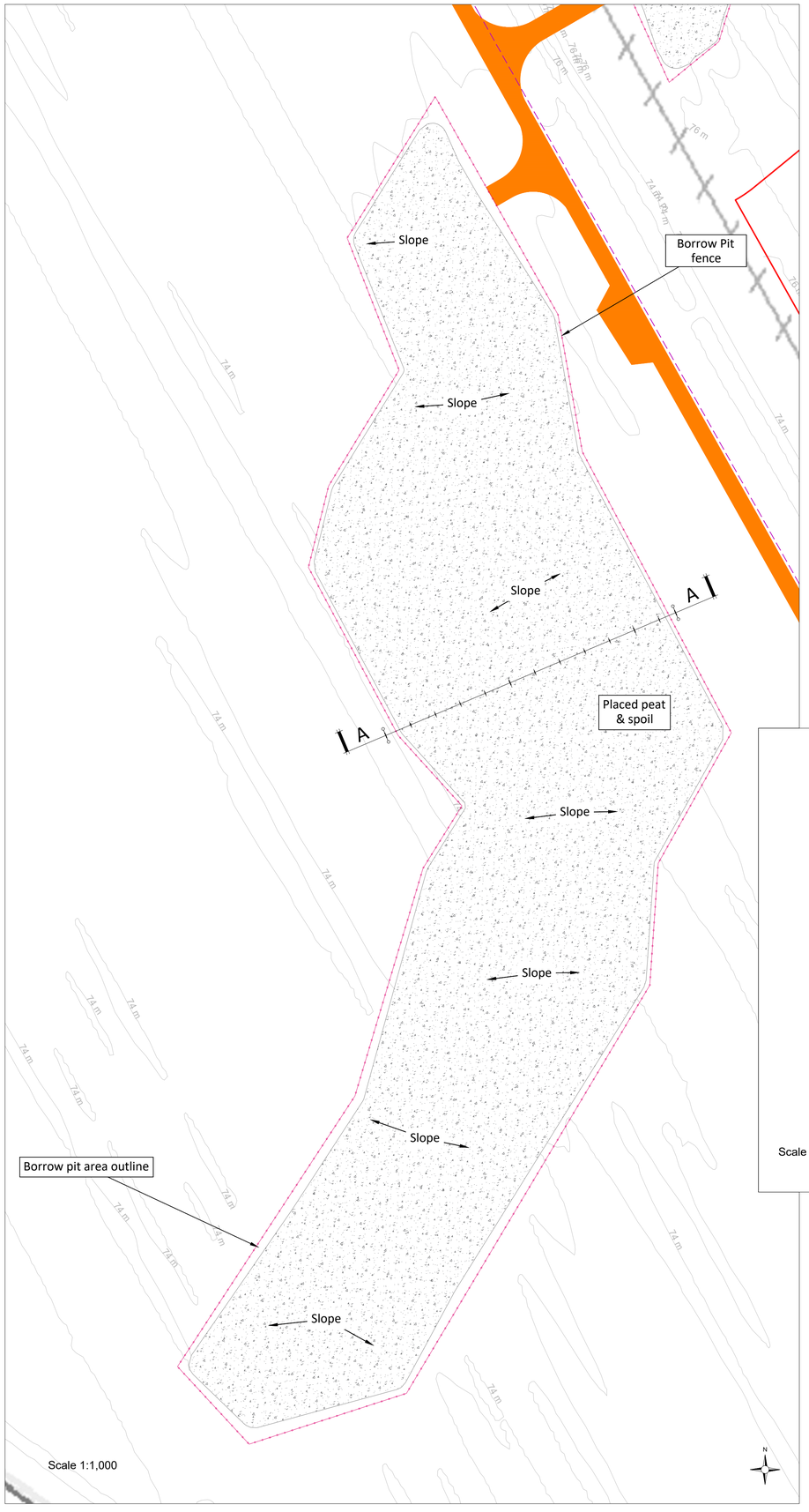
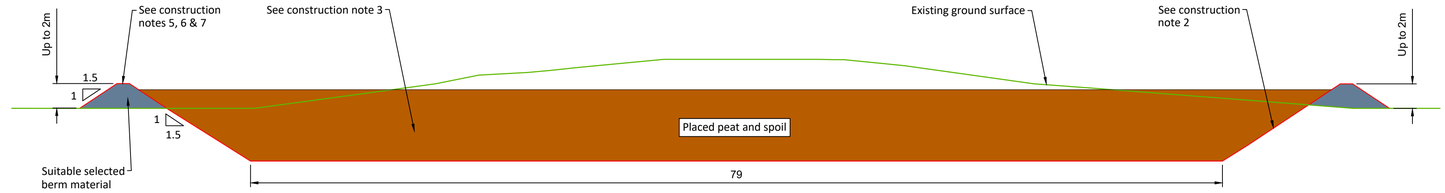


Construction Notes Borrow Pit:

(1) It is proposed to construct the borrow pit so that the base of the borrow pit is below the level of the adjacent section of access road.
(2) Slopes within the excavated formed around the perimeter of the borrow pit will be formed at stable inclinations to suit local in-situ conditions.
(3) Infilling of the peat & spoil should commence at the back edge of the borrow pit and progress towards the borrow pit entrance/buttress. Leaving in place upstands/segments of intact ground which will help to retain the placed peat & spoil and will allow the borrow pit to be developed and infilled in cells.
(4) A buttress is required at the downslope edge of the borrow pit to safely retain the infilled peat and spoil. The height of the buttresses constructed should be greater than the height of the infilled peat & spoil to prevent any surface peat & spoil run-off. A buttress up to 2m (approx.) in height is likely to be required.
(5) The buttress will be founded on competent strata. The founding stratum for the buttress should be inspected and approved by the project geotechnical engineer.
(6) In order to prevent water retention occurring behind the buttresses, the buttresses should be constructed of coarse boulder fill with a high permeability.
(7) The surface of the placed peat & spoil should be shaped to allow efficient run-off of surface water from the placed arising's.
(8) Control of groundwater within the borrow pit may be required and measures will be determined as part of the ground investigation programme.
(9) All the above-mentioned general guidelines and requirements should be confirmed by the designer prior to construction.
(10) Further guidelines on the construction of the borrow pit are included within Section 7.4 of the Peat & Spoil Management Plan



Scale 1:500

Section Scales:

1:1 Horizontal
1:1 Vertical

(No exaggeration on vertical scale i.e. true scale)

DRAWING TITLE:
Borrow Pit 1 Layout & Sections

PROJECT TITLE:
Ballivor Wind Farm, Co. Meath & Co. Westmeath

DRAWING BY: Joseph O Brien	CHECKED BY: Karen Mulryan
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MKO
Planning and Environmental Consultants
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
email: info@www.mkoireland.ie
Website: www.mkoireland.ie