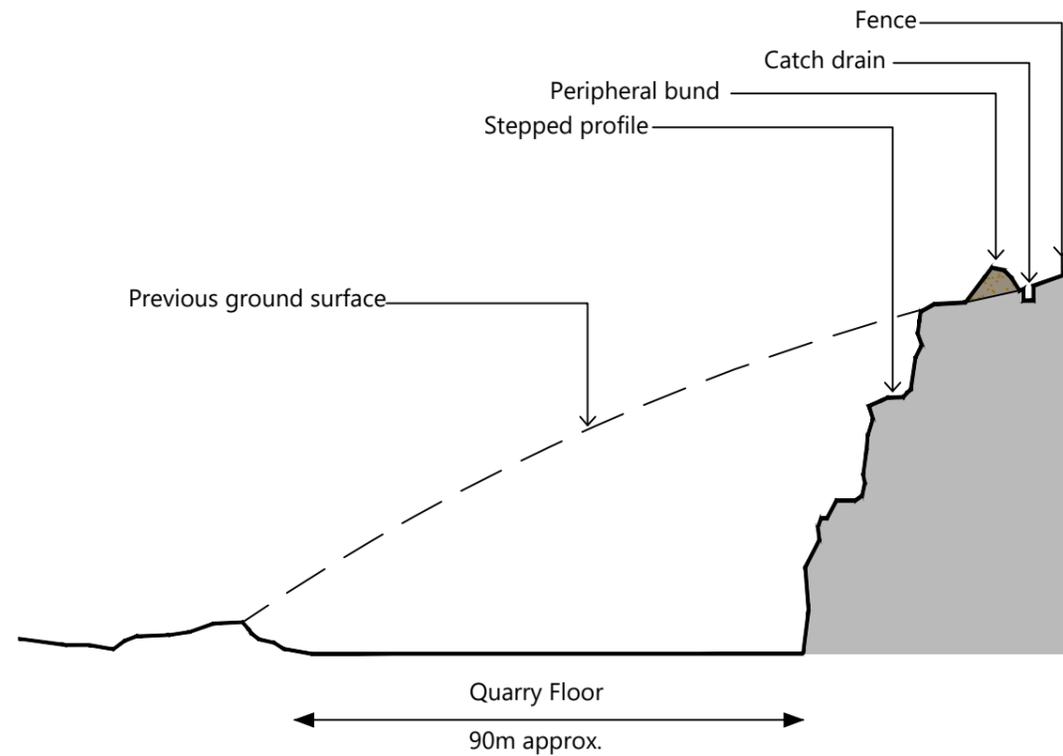


**Elevation X-X' - Indicative borrow pit design**  
**Scale 1:2000 (vertical exaggeration x5)**

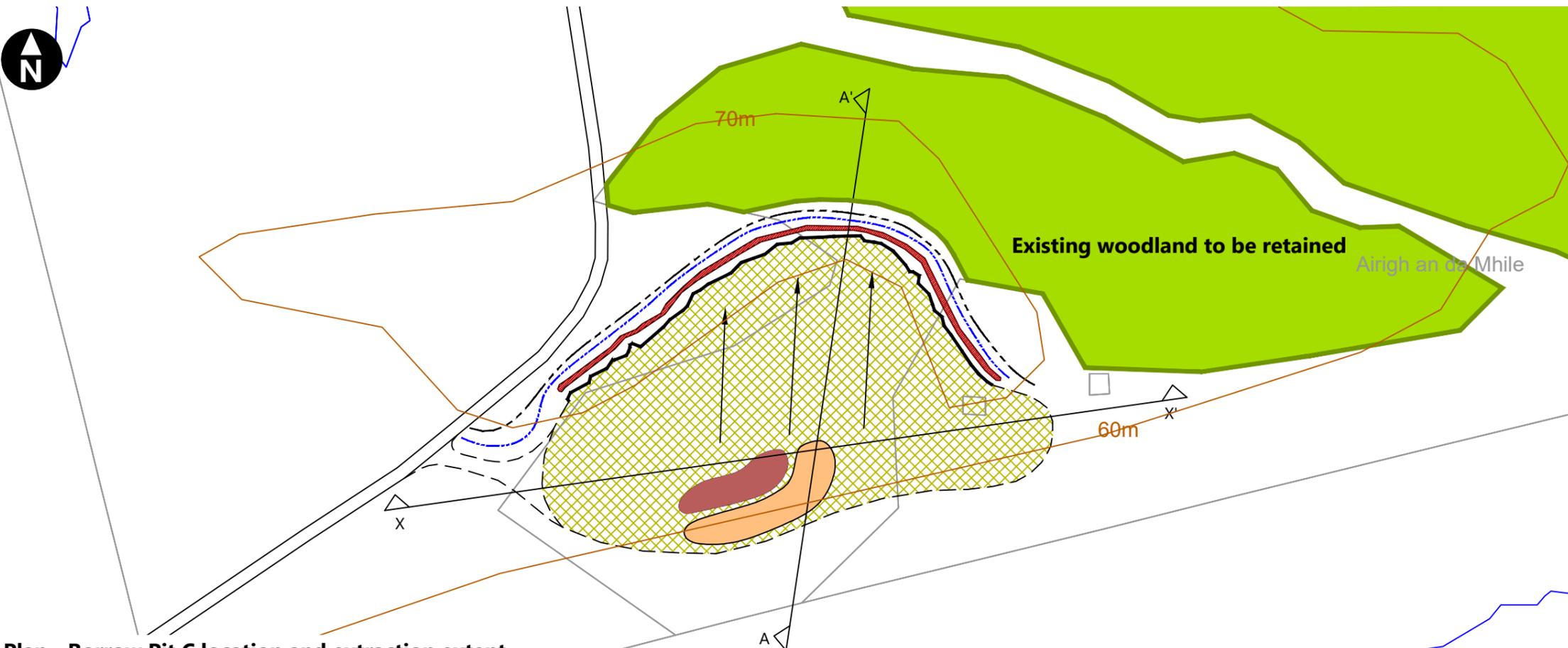


**Section A-A' - Indicative borrow pit design**  
**Scale 1:1250 (vertical exaggeration x5)**

**Key**

- Borrow pit area
- Peripheral bund
- Temporary overburden storage
- Temporary soil storage mound
- General working direction
- Indicative surface water drain (diverting water to prevent ingress into borrow pit)
- Existing woodland retained

- Notes:**
1. Indicative design only. Detailed design will require ground investigation using trial pits to determine rockhead, characterise rock mass, groundwater and assess slope stability parameters and drainage.
  2. Indicative Borrow Pit C area 19,340m<sup>2</sup>
  3. Indicative Borrow Pit C dimensions 205 x 90m
  4. Indicative depth is 12.5m
  5. Indicative volume 60,000m<sup>3</sup>
  6. Restoration profile is indicative only.



**Plan - Borrow Pit C location and extraction extent**  
**Scale 1:2000**



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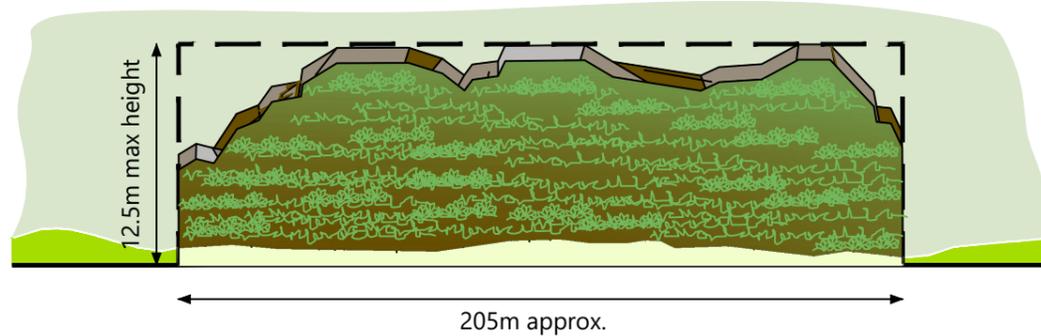
Client

Lewis Wind Power  
 Cumhachd Gaoithe

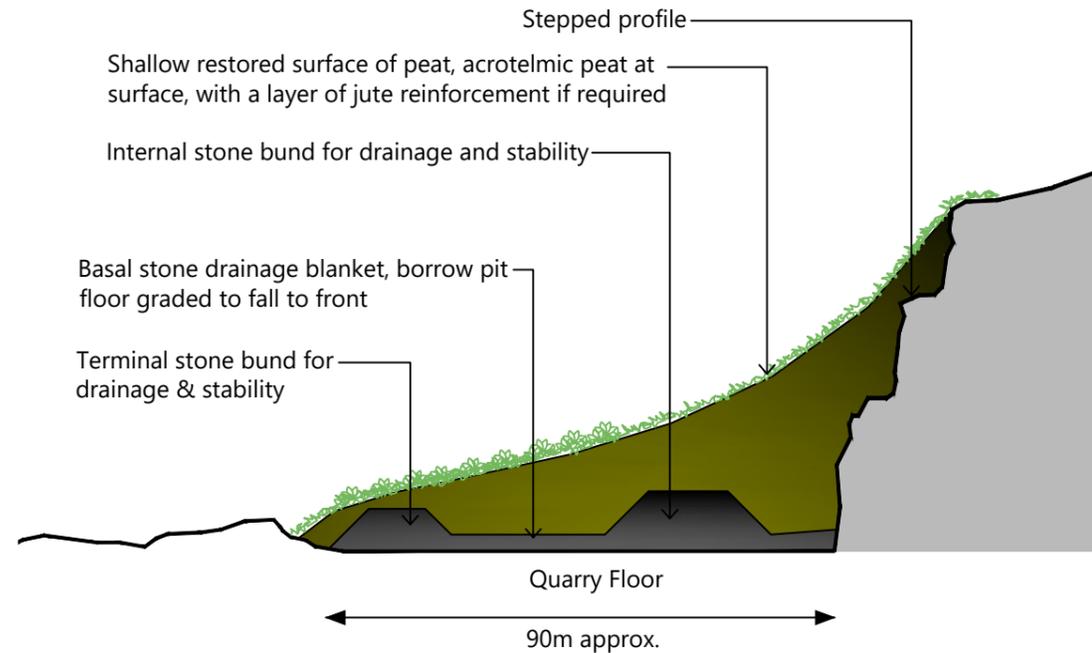
Stornoway Wind Farm  
 Additional Information

**AI Figure 4.14a**  
**Indicative Borrow Pit C design**  
**extraction proposals**

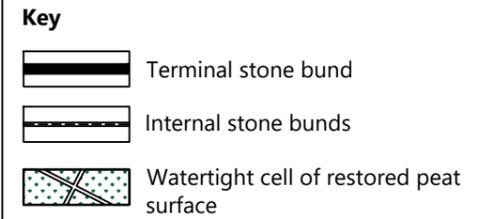
January 2020



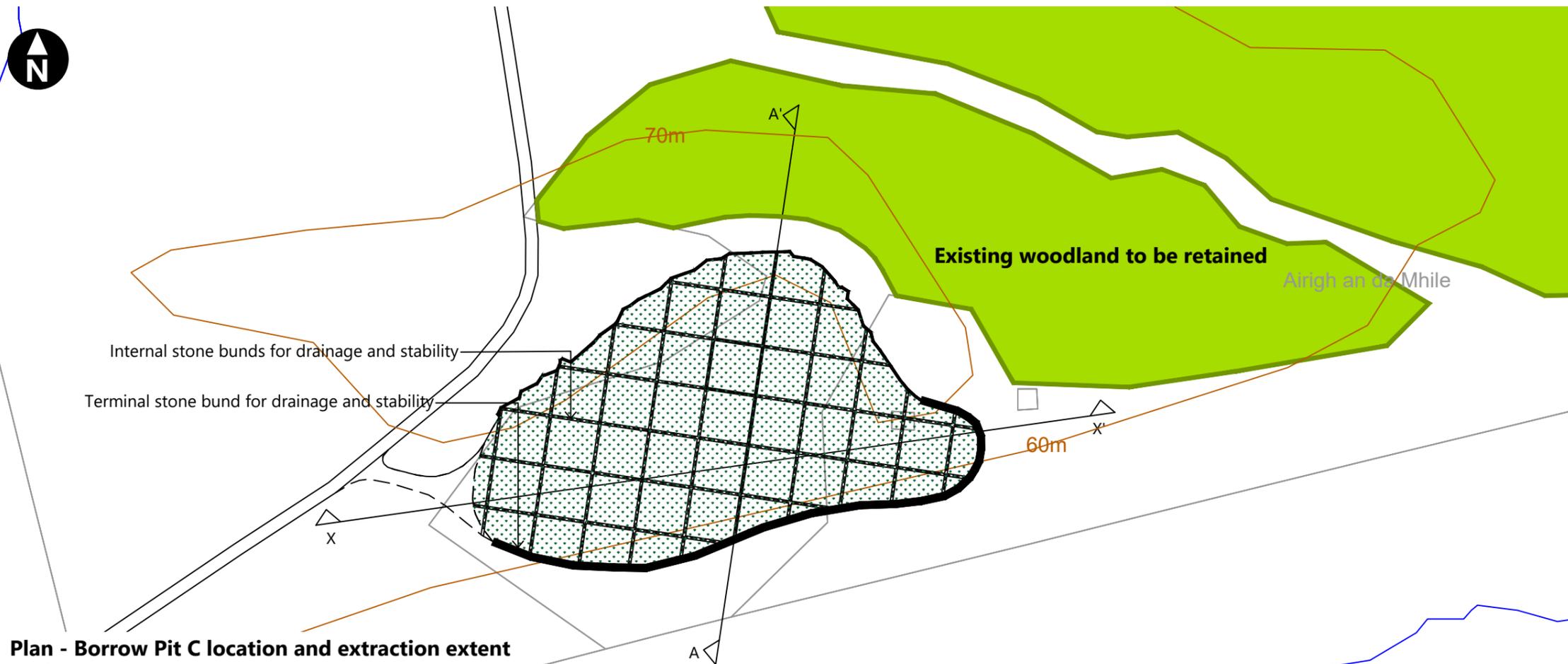
**Elevation X-X' - Indicative borrow pit design**  
Scale 1:2000 (vertical exaggeration x5)



**Section A-A' - Indicative borrow pit design**  
Scale 1:1250 (vertical exaggeration x5)



- Notes:**
1. Indicative design only.
  2. Cell construction in a chess board paddy field configuration.
  3. Construct watertight cells of 400m<sup>2</sup> by building bunds 500mm above ground level which are capped with a turf mix of grass and heather.
  4. Each cell is higher than the previous until they butt into the bund built at the bottom of the cut face. This gives a "Paddy Field" effect (when viewed from above).
  5. The purpose of the bunds is to slow the movement of below and above ground water off the bog and retain as much of it as possible on the bog.



**Plan - Borrow Pit C location and extraction extent**  
Scale 1:2000



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Stornoway Wind Farm  
Additional Information

**AI Figure 4.14b**  
Indicative Borrow Pit C design  
restoration proposals

January 2020

