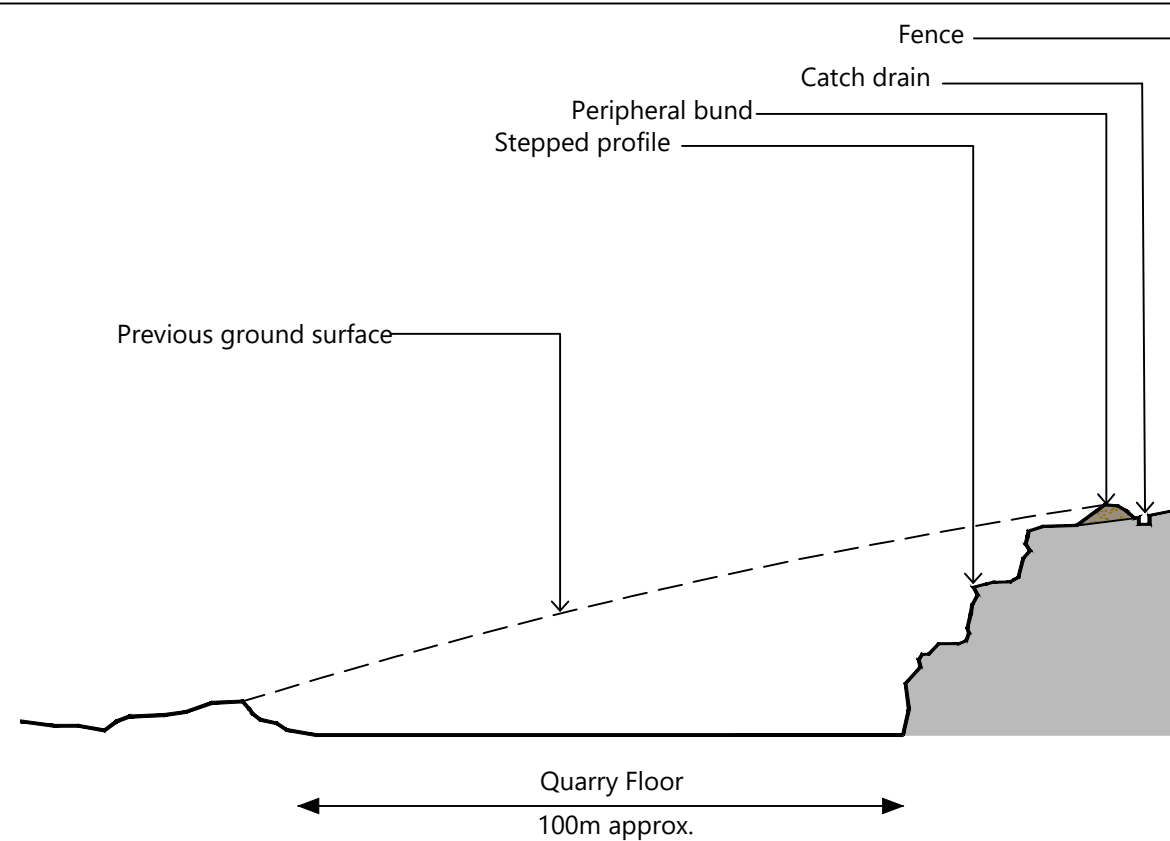


**Elevation X-X' - Indicative borrow pit design**  
**Scale 1:1250 (vertical exaggeration x3)**

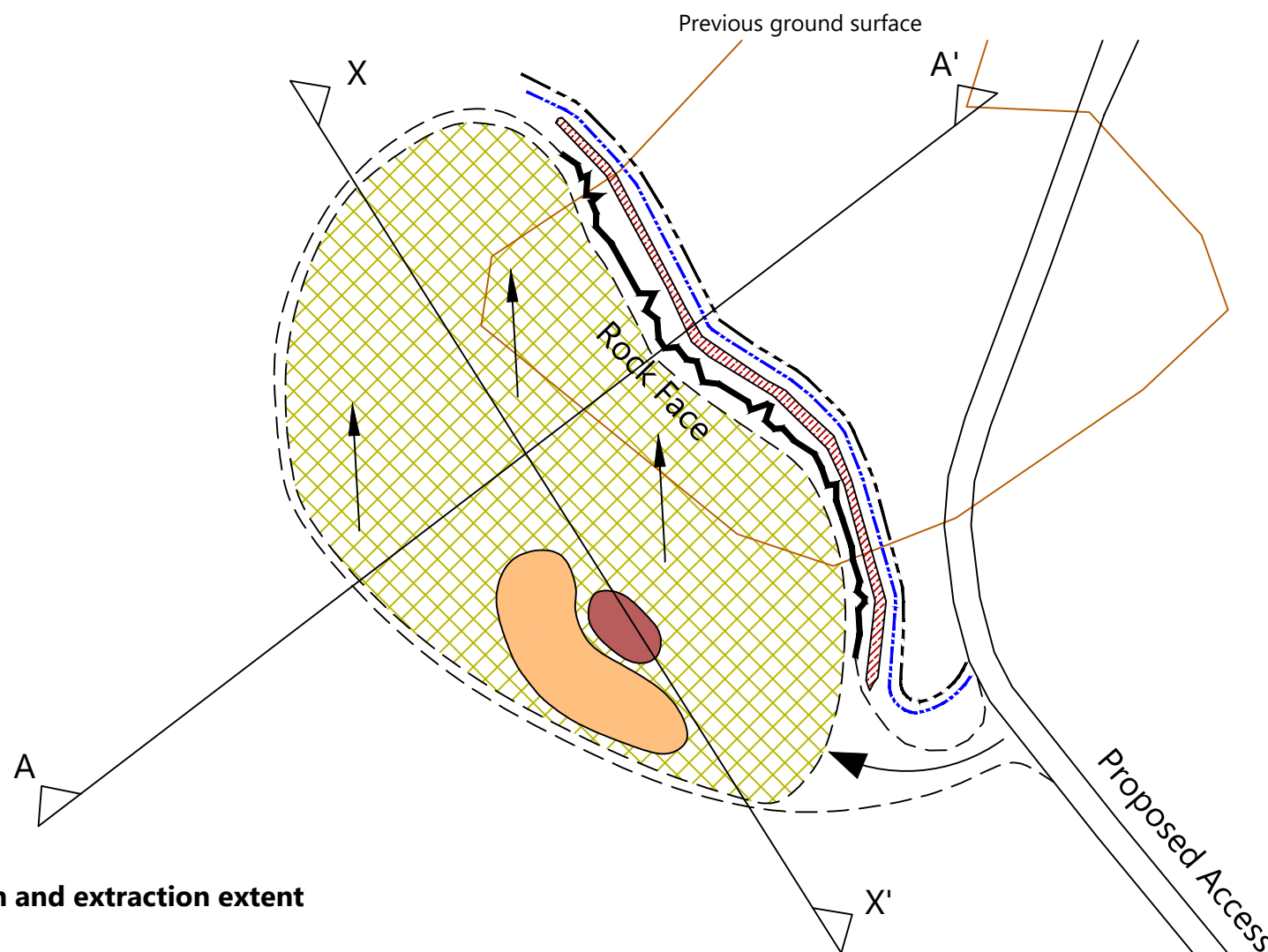


**Section A-A' - Indicative borrow pit design**  
**Scale 1:1250 (vertical exaggeration x3)**

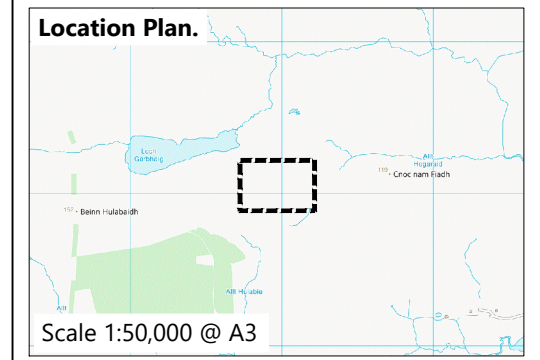
**Key**

- 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)
- Fence

- 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 B area 10,000m<sup>2</sup>
  3. Indicative Borrow Pit B dimensions 100 x 100m
  4. Indicative depth is 12.5m
  5. Indicative volume 30,000m<sup>3</sup>
  6. Restoration profile is indicative only.



**Plan - Borrow Pit B location and extraction extent**  
**Scale 1:1250**



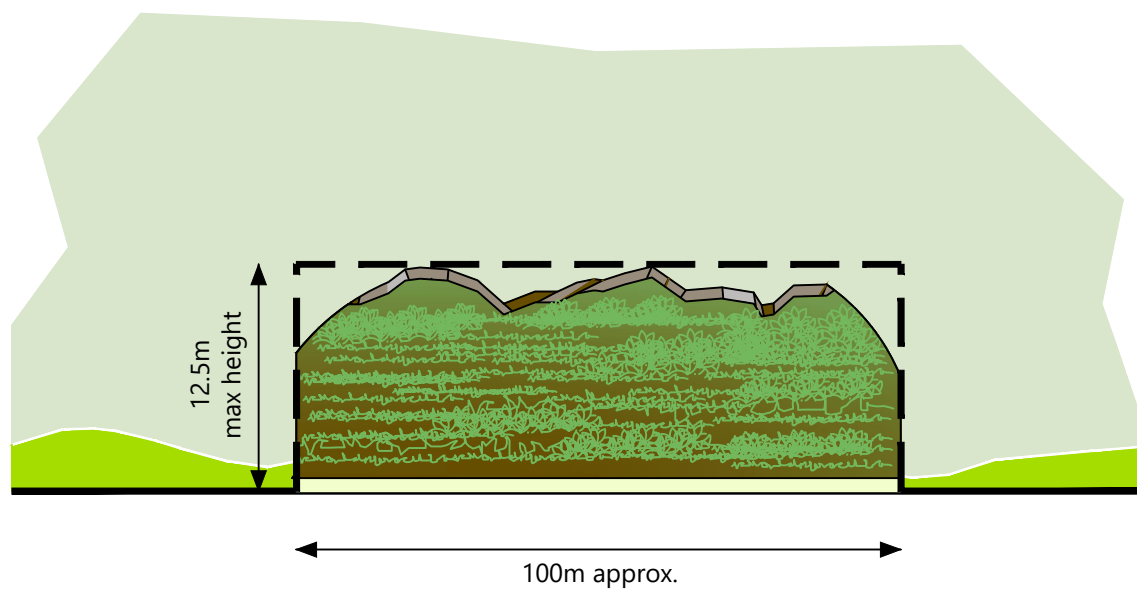
© Crown copyright. All rights reserved. Licence number AL100001776.

Client

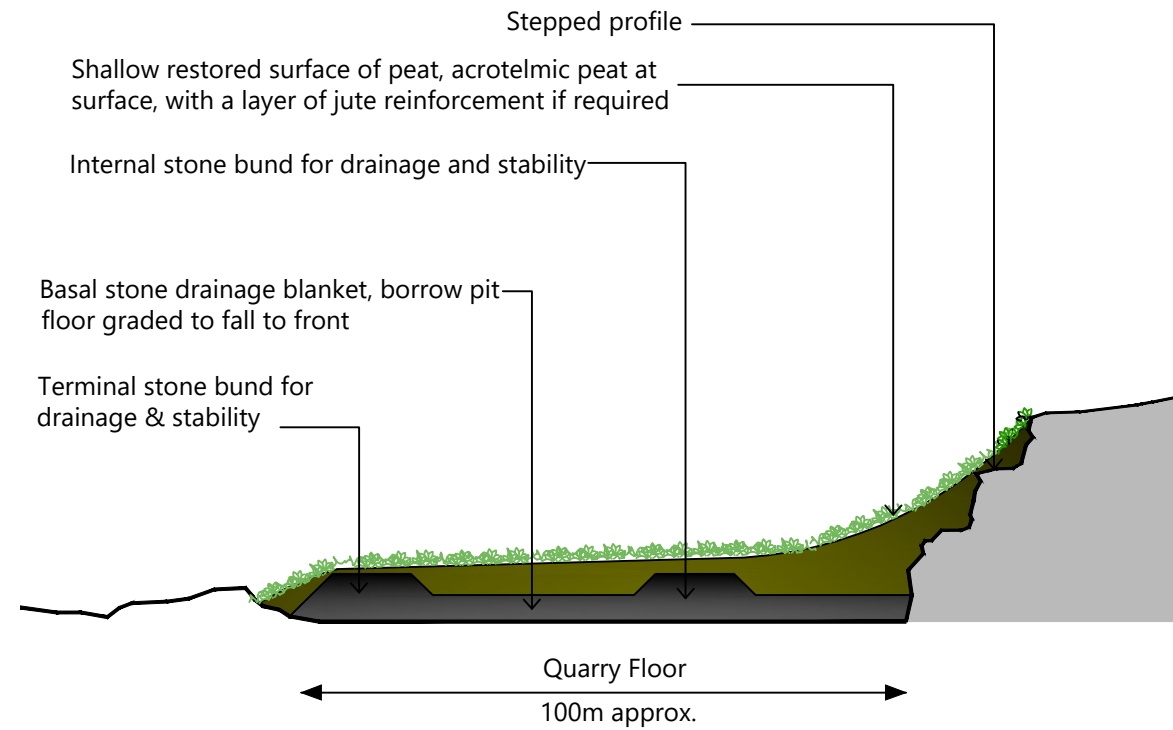
Stornoway Wind Farm  
 Additional Information

**AI Figure 4.13a**  
**Indicative Borrow Pit B design**  
**extraction proposals**

H:\Projects\40001\_GOS\_Stornoway\0040\_Design\ACAD\40001-Gos376a\_Borrow Pit B.dwg Originator: STEVE.HOLFORD






**Elevation X-X' - Indicative borrow pit design**  
Scale 1:1250 (vertical exaggeration x3)



**Section A-A' - Indicative borrow pit design**  
Scale 1:1250 (vertical exaggeration x3)

**Key**

-  Terminal stone bund
-  Internal stone bunds
-  Watertight cell of restored peat surface

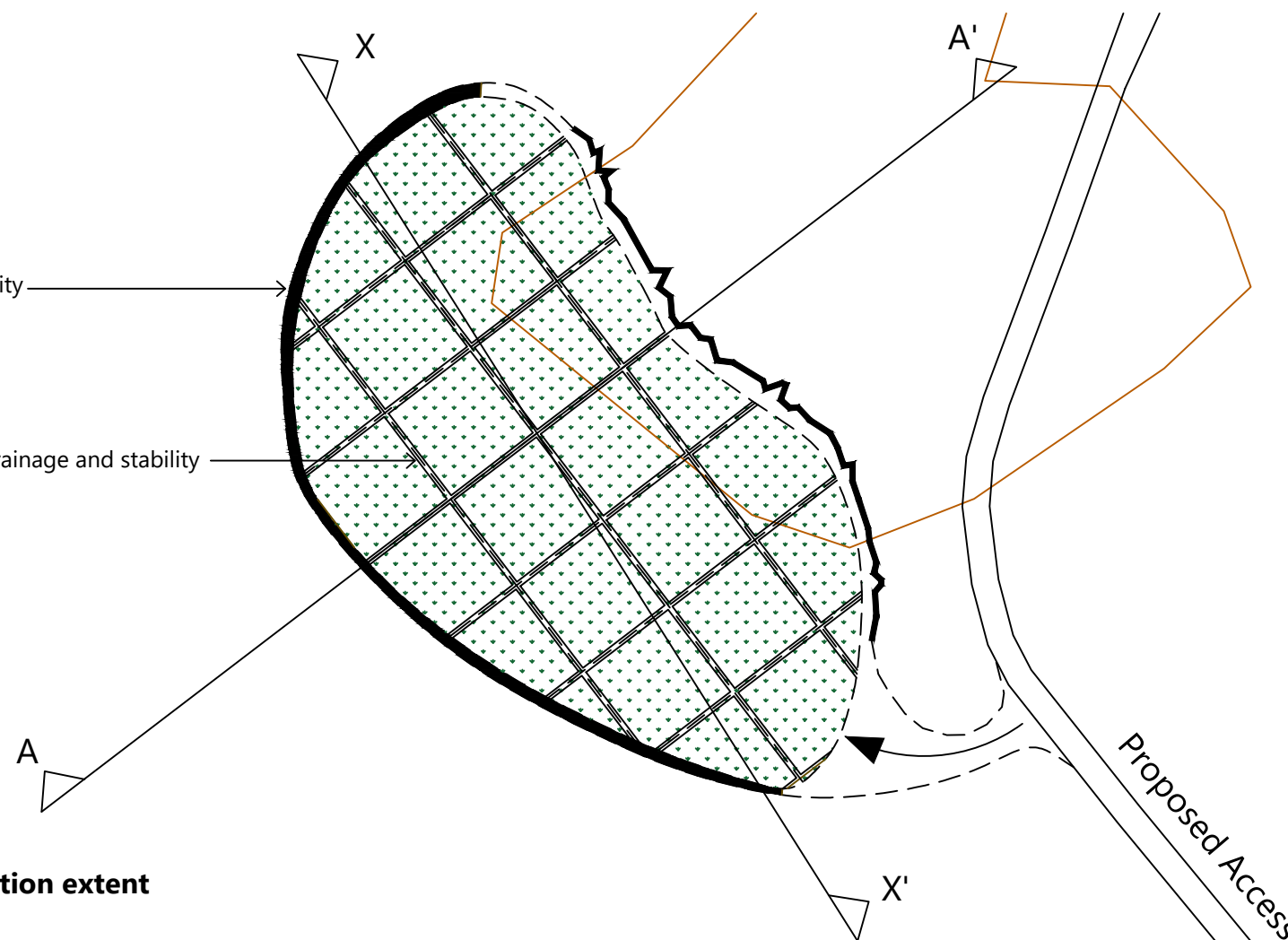
**Notes:**

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.

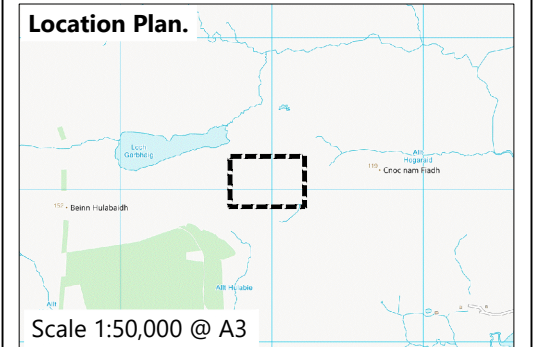


Terminal stone bund for drainage and stability

Internal stone bunds for drainage and stability



**Plan - Borrow Pit B location and extraction extent**  
Scale 1:1250



© Crown copyright. All rights reserved. Licence number AL100001776.

Client



Stornoway Wind Farm  
Additional Information

**AI Figure 4.13b**  
**Indicative Borrow Pit B design**  
**restoration proposals**

January 2020

