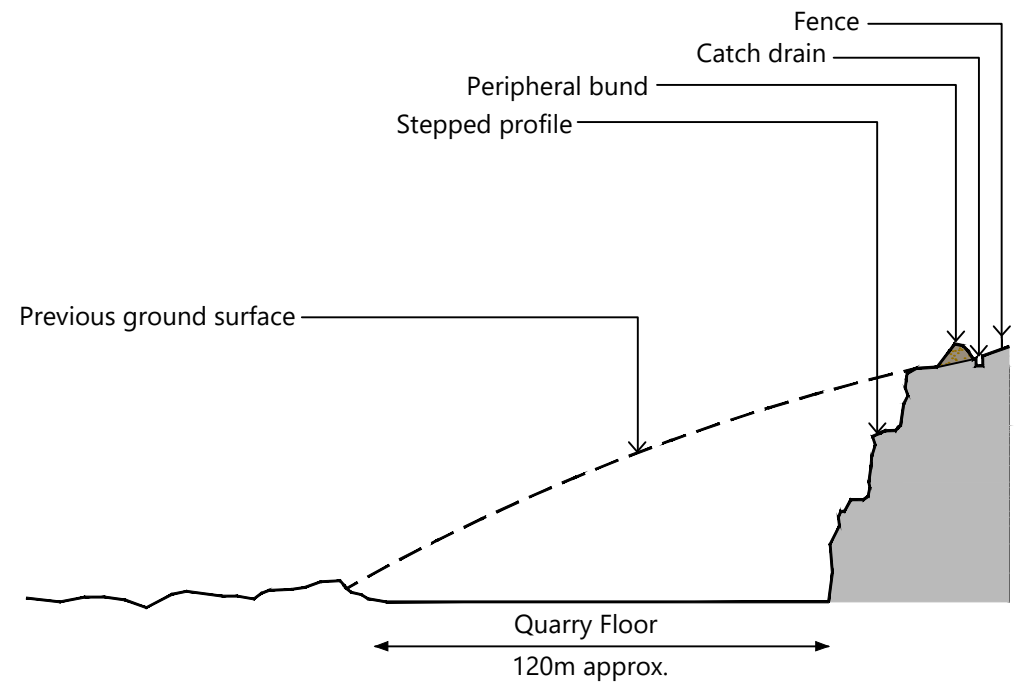


Elevation X-X' - Indicative borrow pit design
Scale 1:2000 (vertical exaggeration x5)

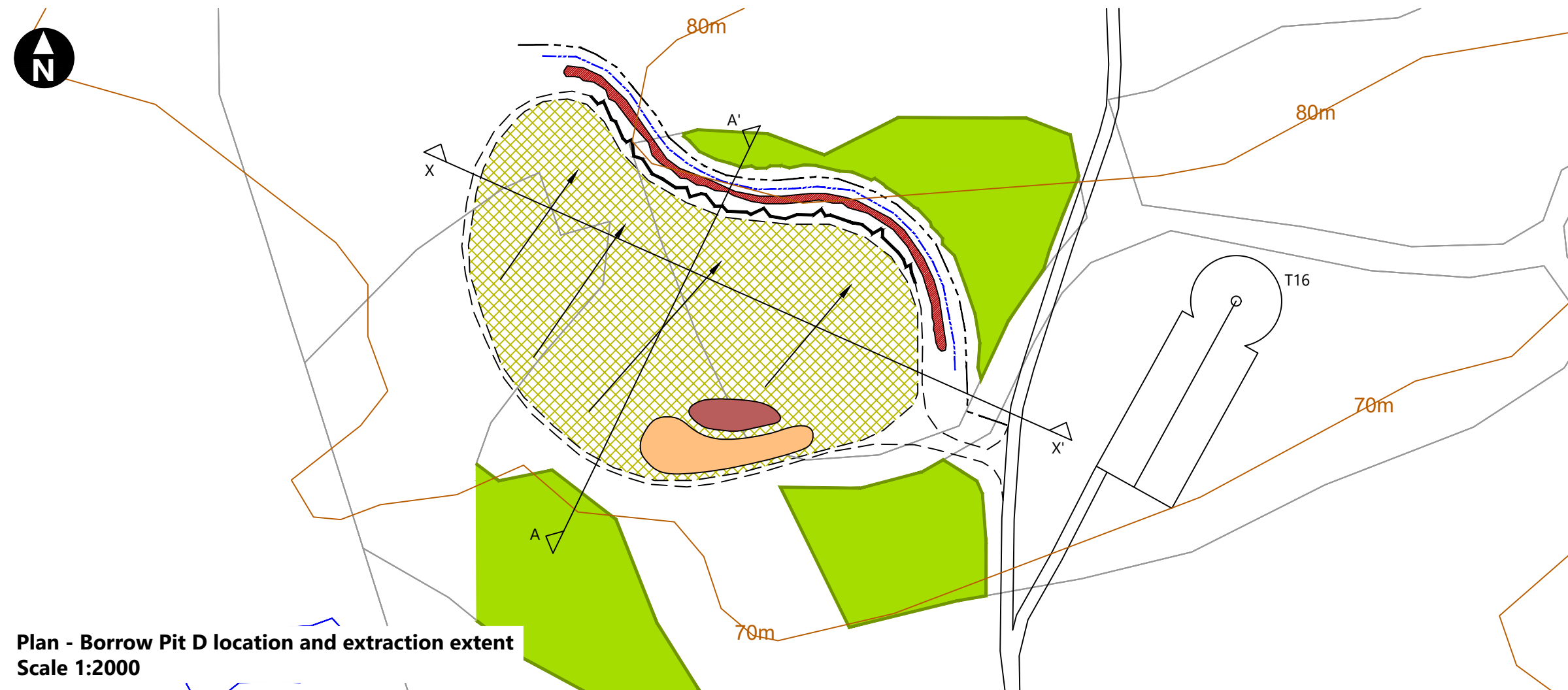


Section A-A' - Indicative borrow pit design
Scale 1:2000 (vertical exaggeration x5)

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)
- Fence
- 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 D area 23,900m²
 3. Indicative Borrow Pit D dimensions 200 x 120m
 4. Indicative depth is 12.5m
 5. Indicative volume 70,000m³
 6. Restoration profile is indicative only.



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

Location Plan.

Scale 1:50,000 @ A3

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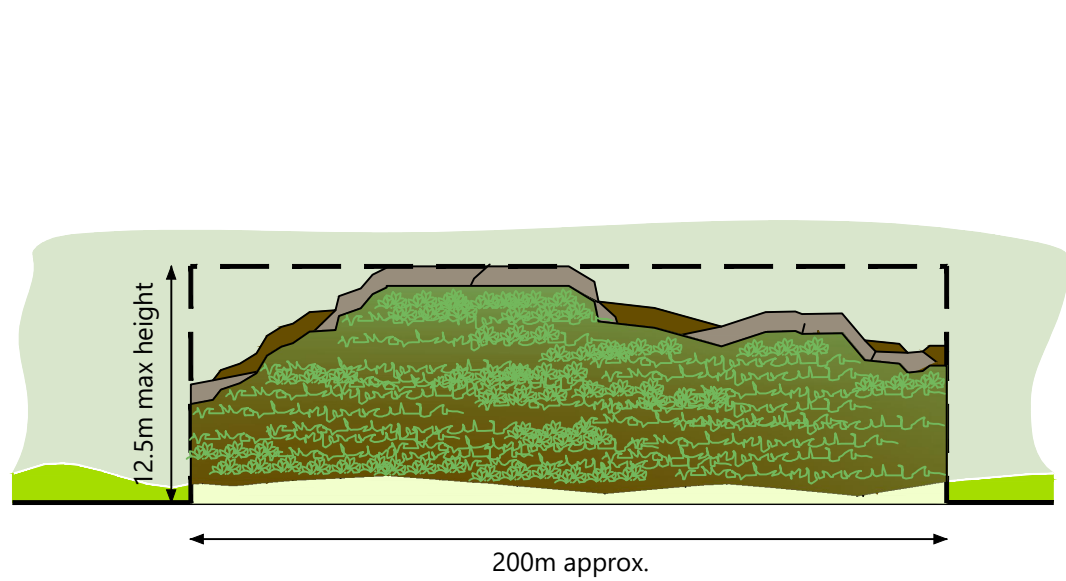
Lewis Wind Power
 Cumhachd Gaoithe

Stornoway Wind Farm
 Additional Information

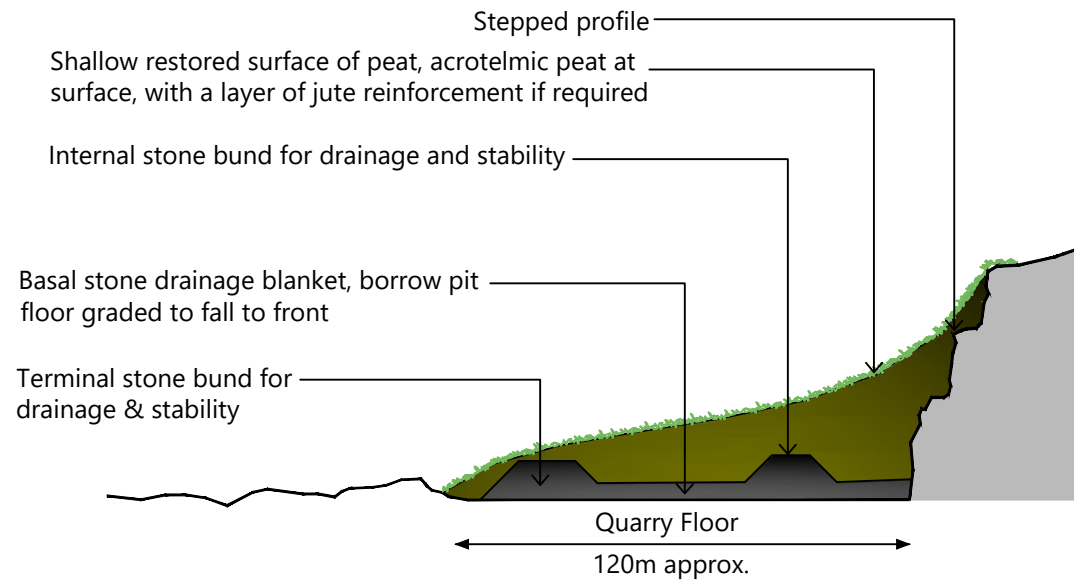
AI Figure 4.15a
Indicative Borrow Pit D design
extraction proposals

H:\Projects\40001_GOS_Stornoway\0040_Design\ACAD\40001-GOS378a_Borrow Pit D.dwg Originator: STEVE.HOLFORD

H:\Projects\40001_GOS_Stornoway\0400 Design\ACAD\40001-Gos378a Borrow Pit D.dwg Originator: STEVE.HOLFORD






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



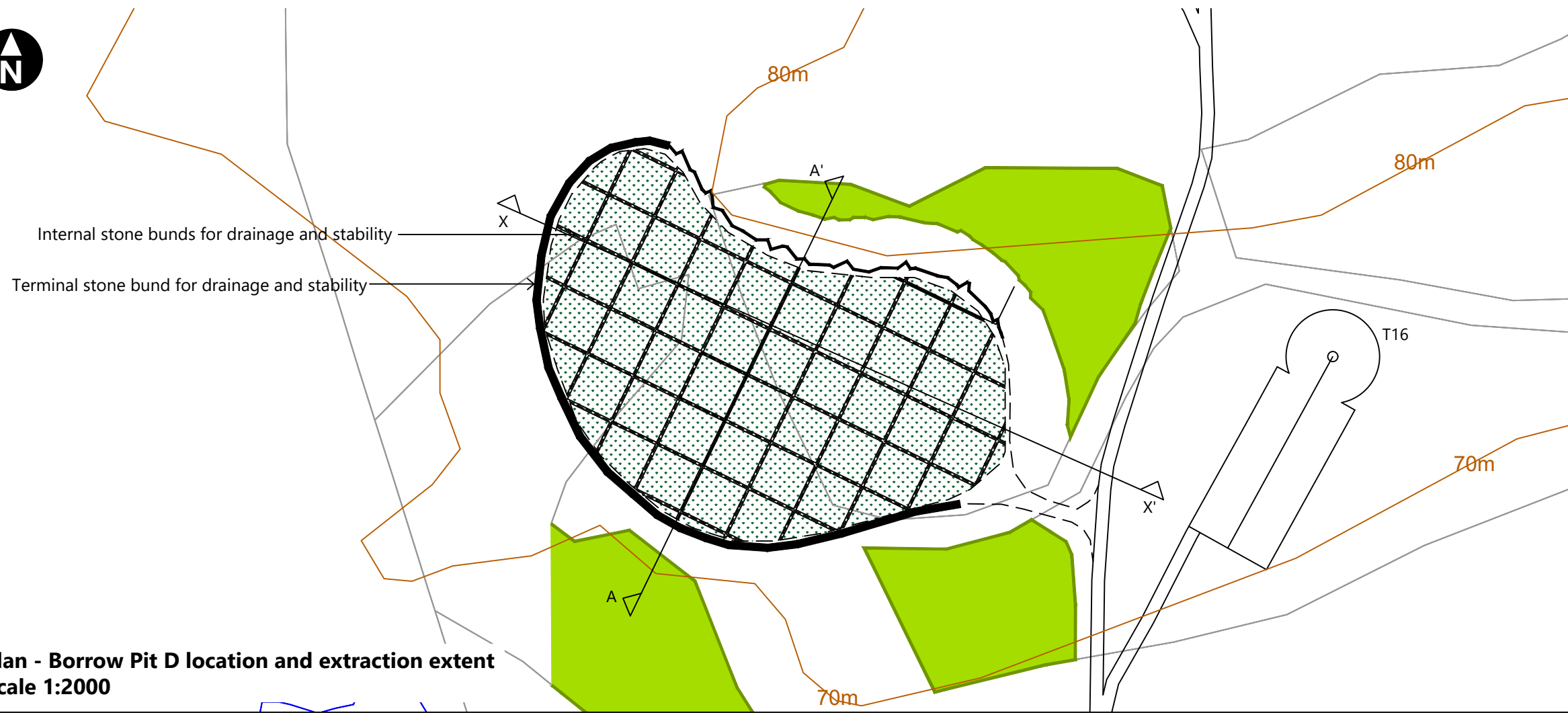
Section A-A' - Indicative borrow pit design
Scale 1:2000 (vertical exaggeration x5)

Key

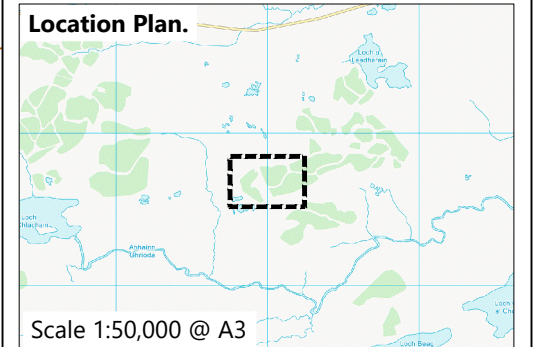
-  Terminal stone bund
-  Internal stone bunds
-  Watertight cell of restored peat surface

Notes:

1. Indicative design only.
2. Cell construction in a chess board paddy field configuration.
3. Construct watertight cells of 400m² 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 D location and extraction extent
Scale 1:2000



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Client



Stornoway Wind Farm
Additional Information

AI Figure 4.15b
Indicative Borrow Pit D design
restoration proposals

January 2020

