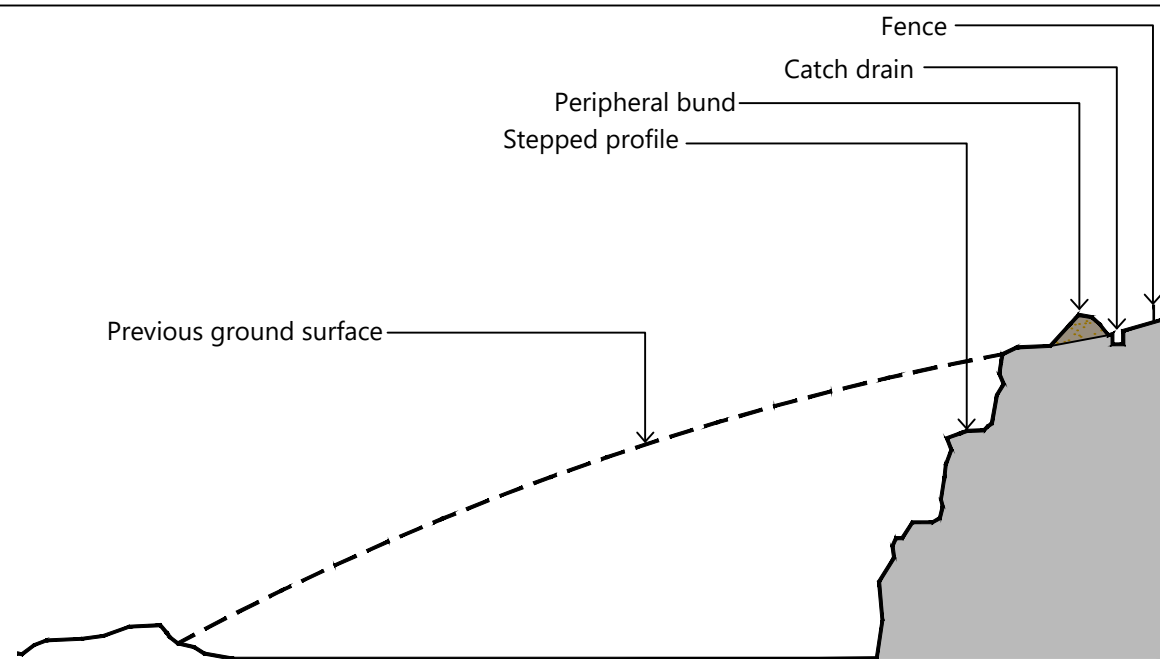


175m approx.

Elevation X-X' - Indicative borrow pit design
Scale 1:1250 (vertical exaggeration x5)



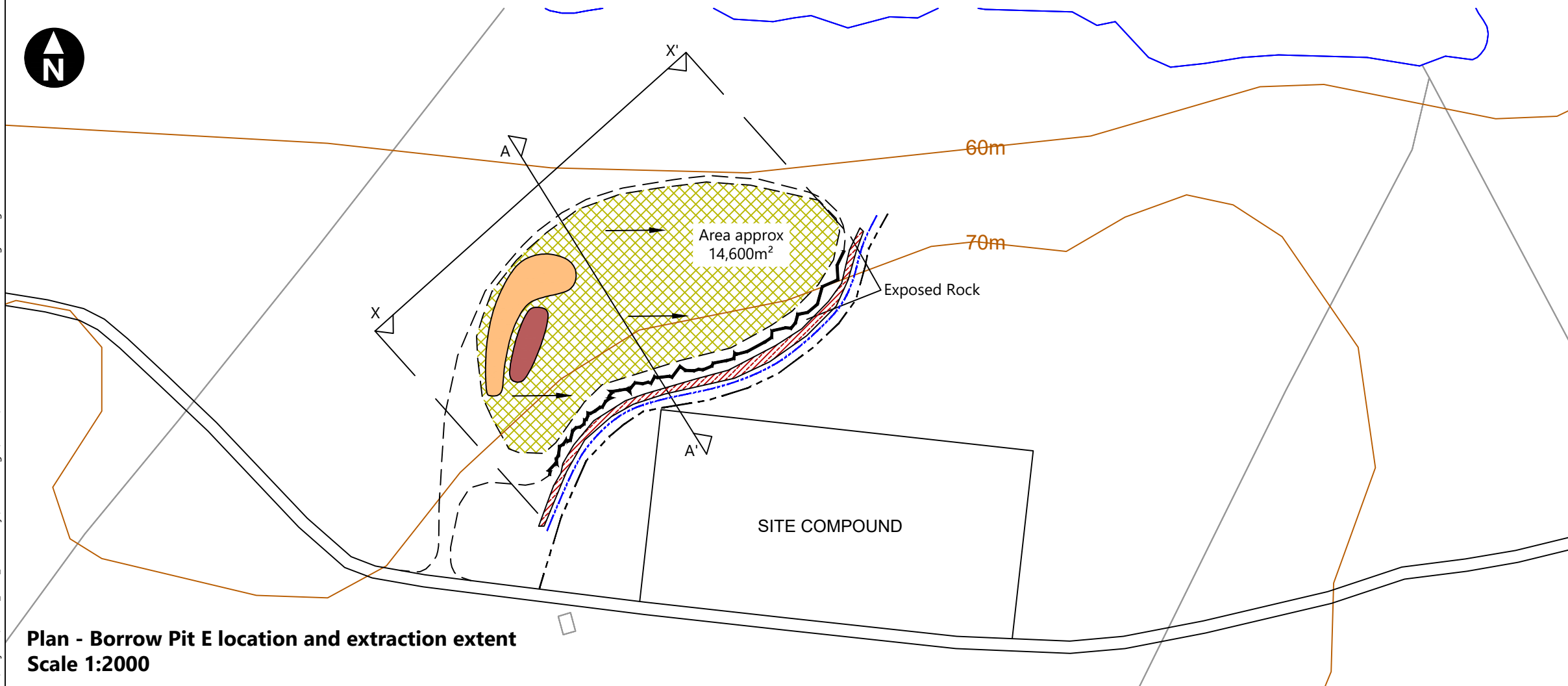
Quarry Floor
85m approx.

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

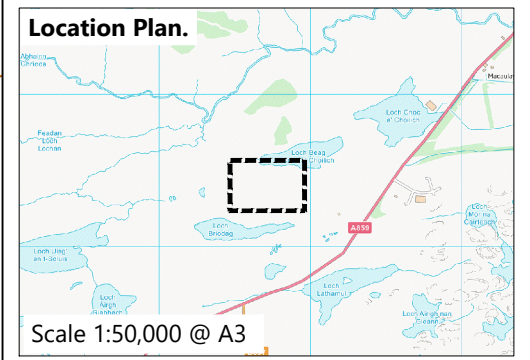
Key

	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)
	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 E area 14,660m²
 3. Indicative Borrow Pit E dimensions 175 x 85m
 4. Indicative depth is 10.5m
 5. Indicative volume 50,000m³
 6. Restoration profile is indicative only.



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



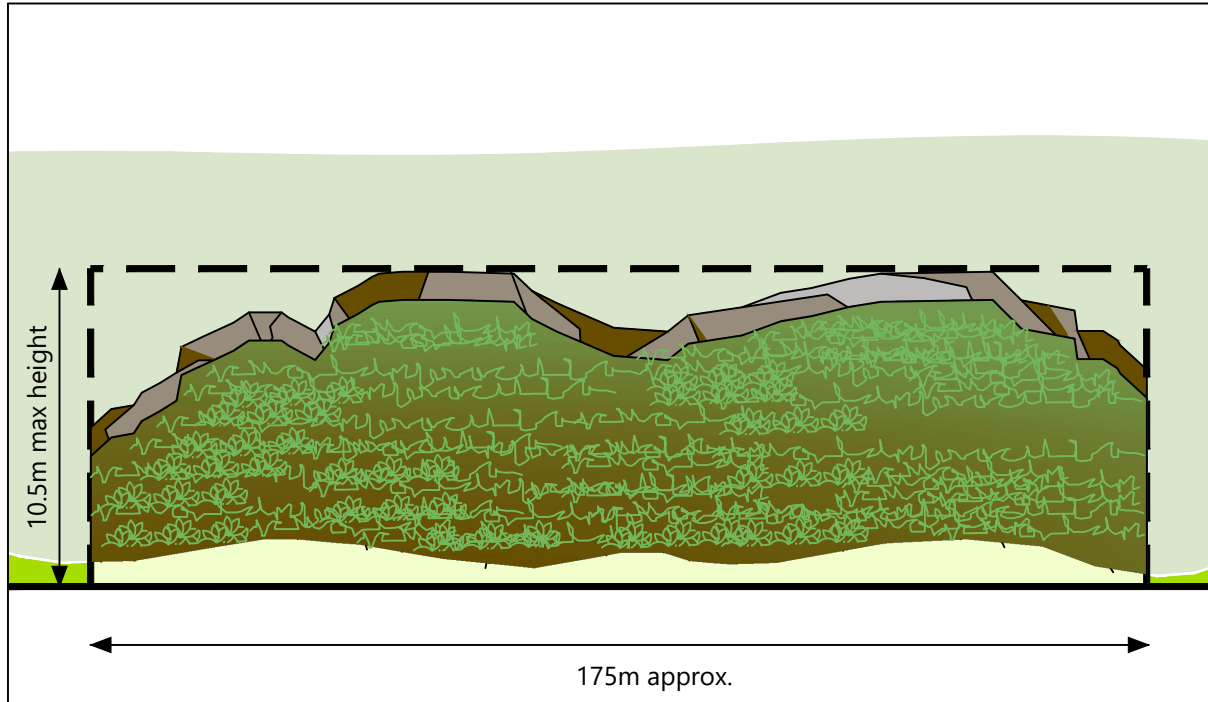
Client

Lewis Wind Power
Cumhachd Gaoithe

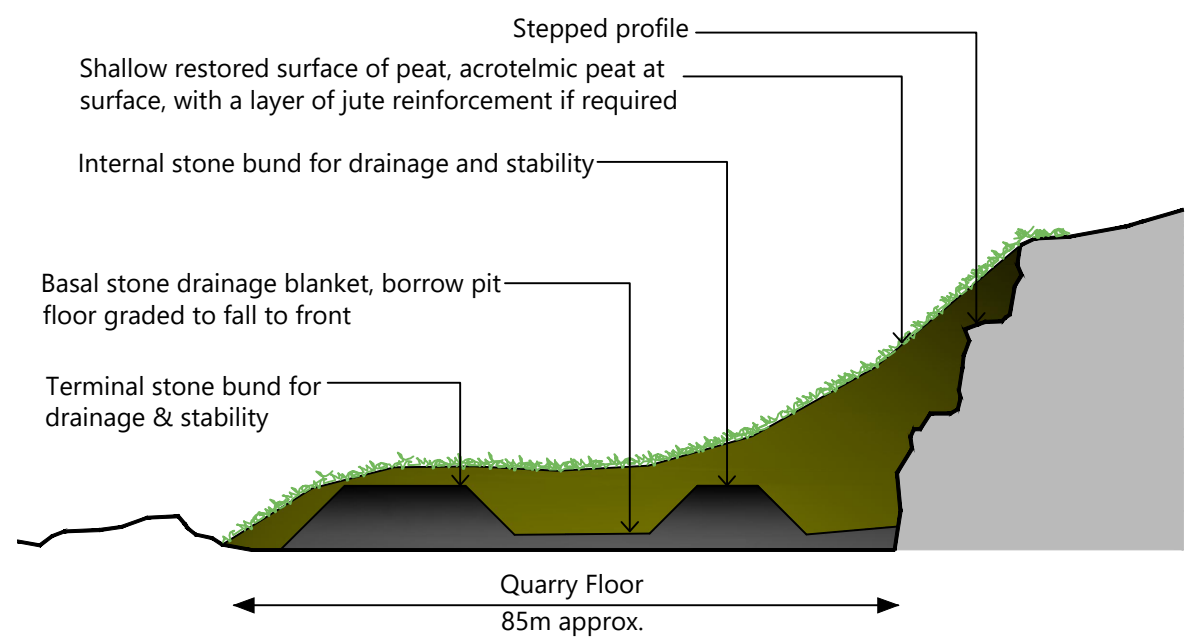
Stornoway Wind Farm
Additional Information

AI Figure 4.16a
Indicative Borrow Pit E design
extraction proposals

H:\Projects\40001_GOS_Stornoway\0400 Design\ACAD\40001-Gos379a Borrow Pit E.dwg Originator: STEVE HOLFORD



Elevation X-X' - Indicative borrow pit design
Scale 1:1250 (vertical exaggeration x5)

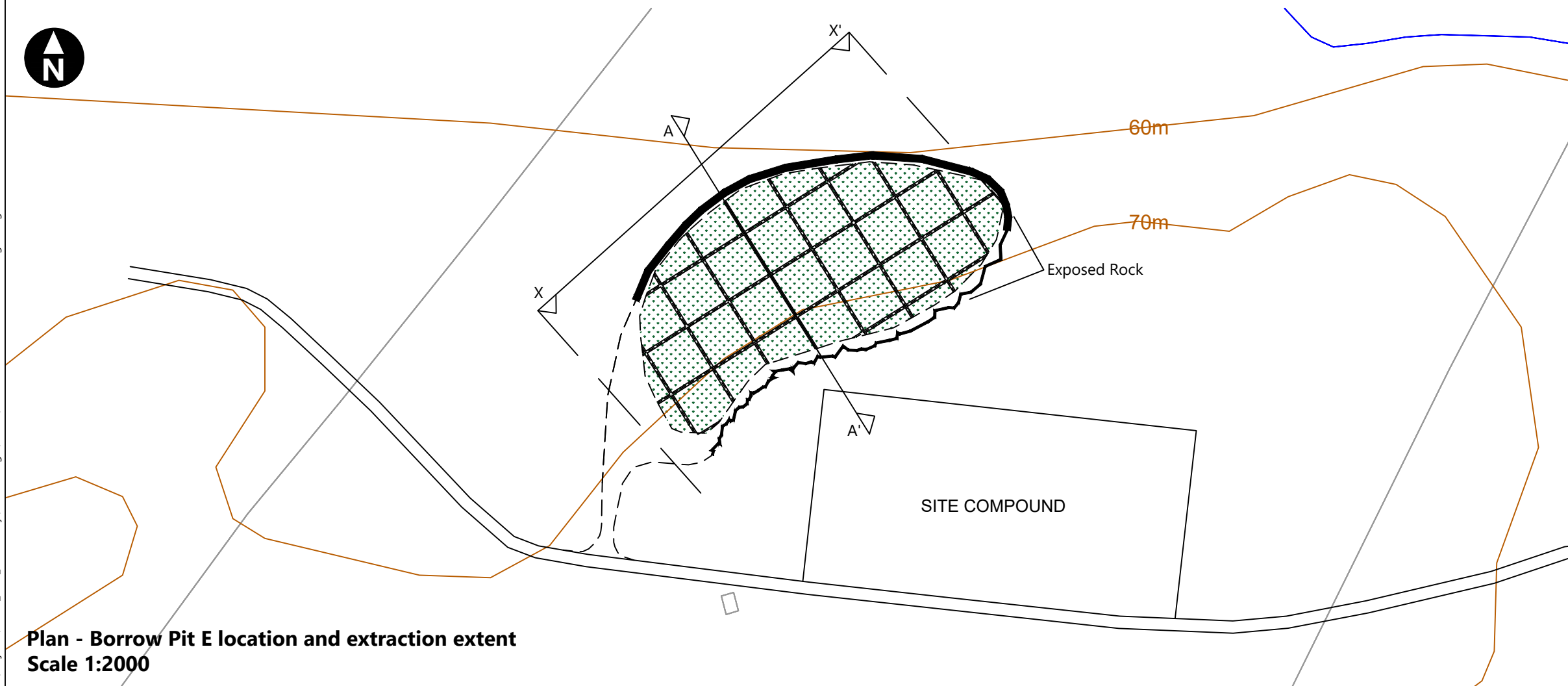


Section A-A' - Indicative borrow pit design
Scale 1:1250 (vertical exaggeration x5)

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 E location and extraction extent
Scale 1:2000

Location Plan.

Scale 1:50,000 @ A3

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Client

Stornoway Wind Farm
Additional Information

AI Figure 4.16b
Indicative Borrow Pit E design
restoration proposals

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