

Creag a' Bhaird
Wind Farm



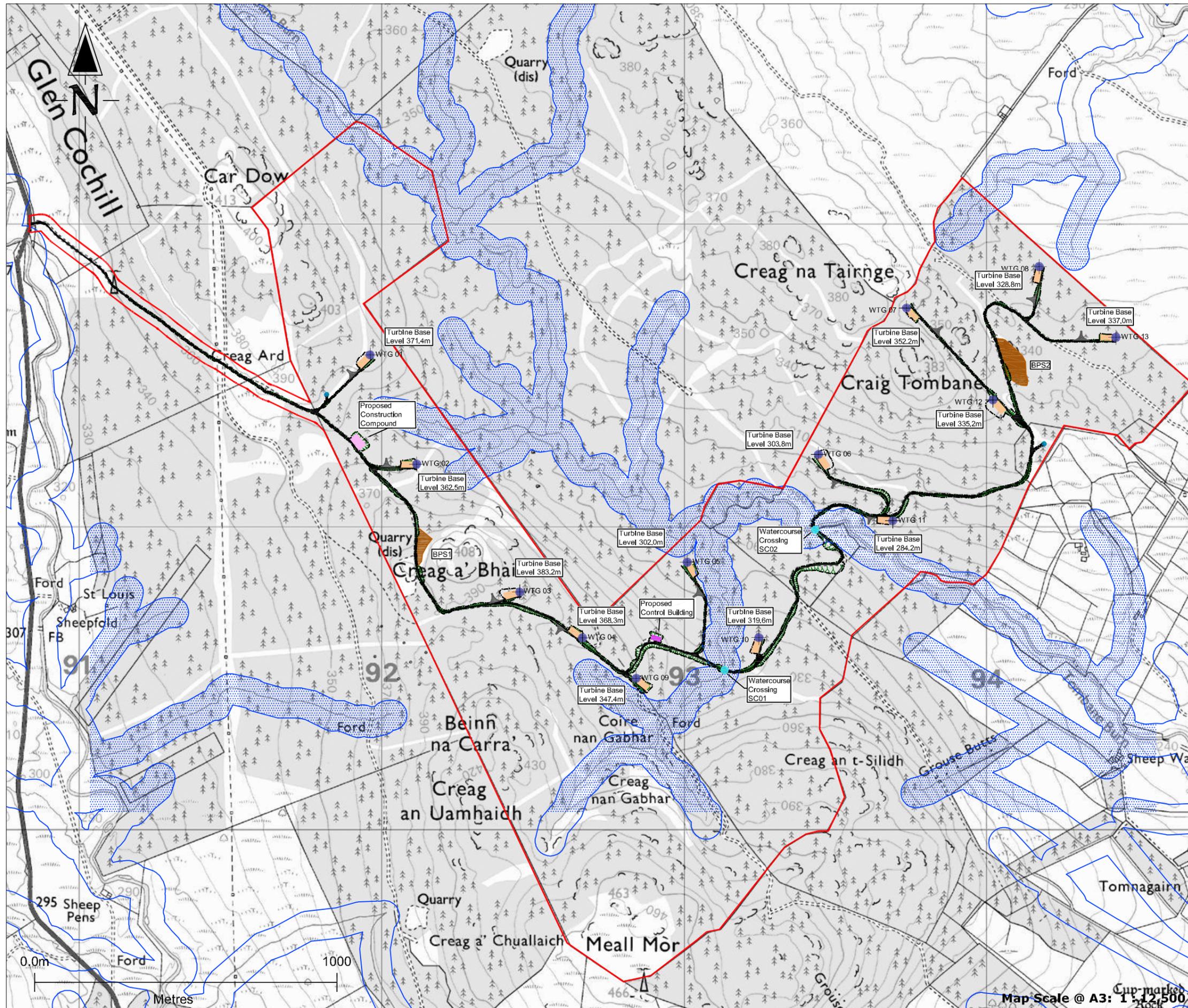
Development Layout

- Site boundary
- + Turbine location
- Meteorological mast
- Access track
- Turning head
- Crane hardstanding
- Construction compound
- Control building
- Borrow pit search area
- Watercourse crossing

Figure 4.1

Map Scale @ A3: 1:12,500





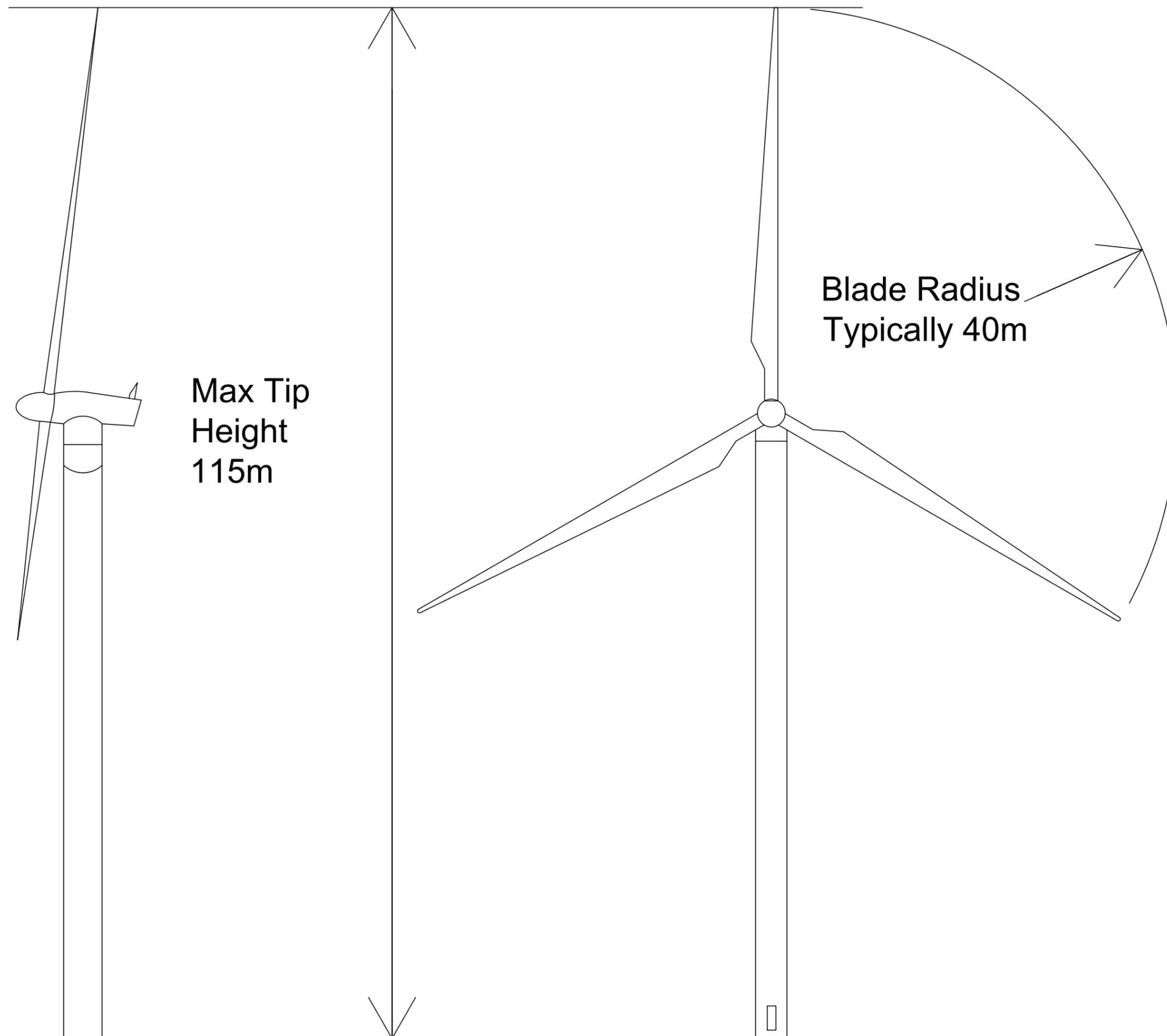
General Site Arrangement



Figure 4.1a

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Typical Wind Turbine Elevations



0.0m 50
Metres

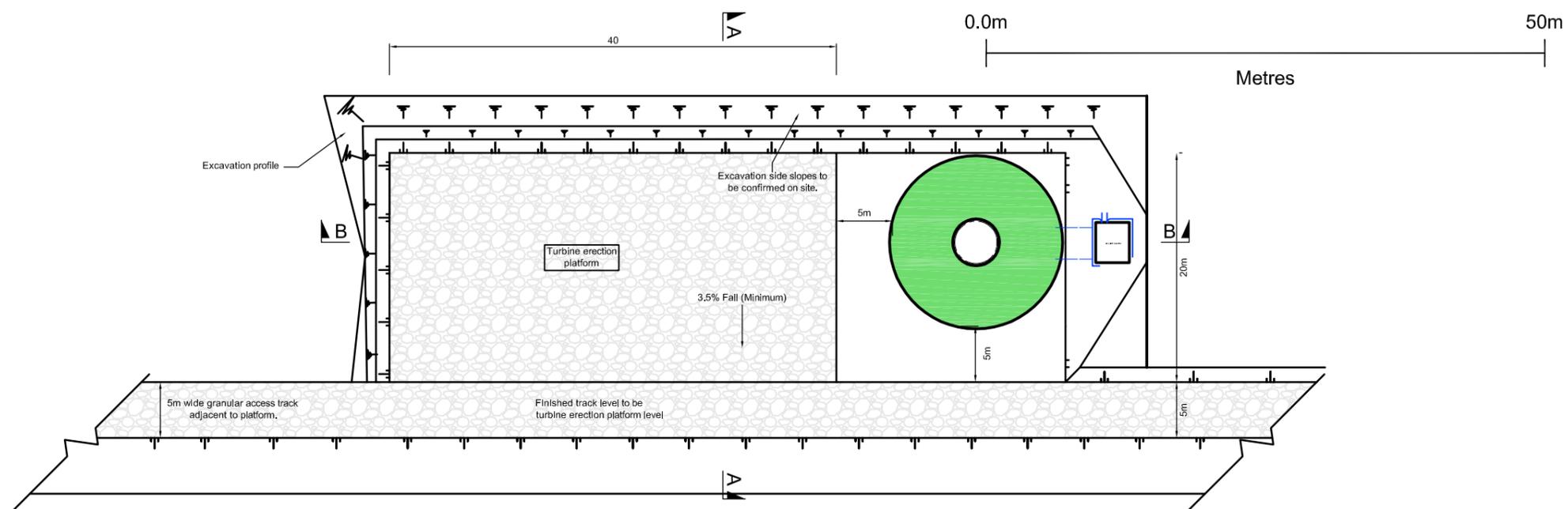
1:500

Figure 4.2

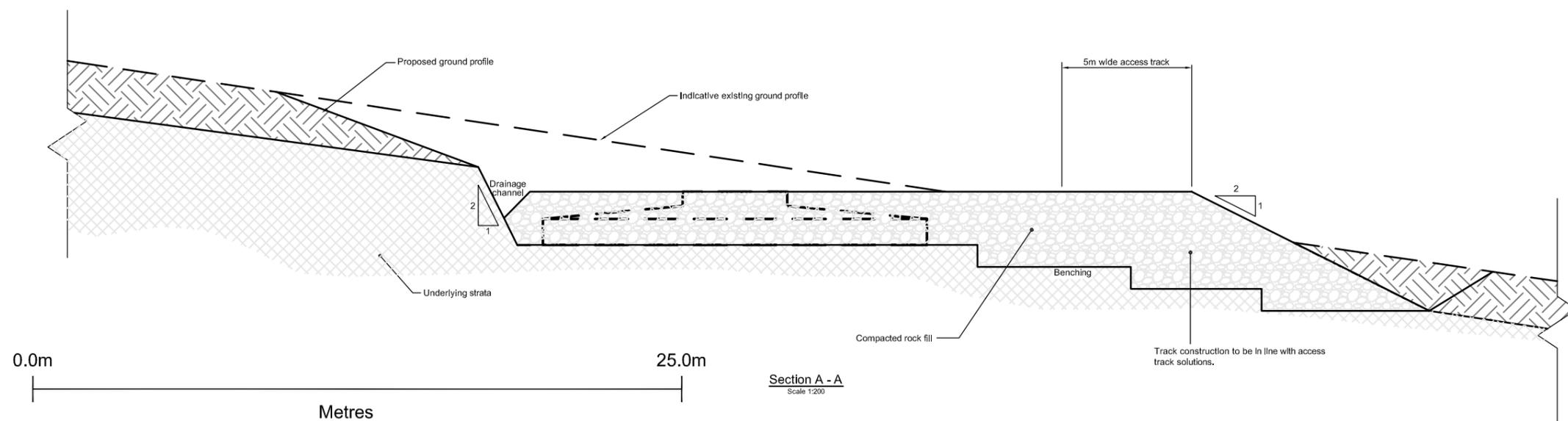
Typical Turbine Foundation / Crane Erection Platform

Notes :

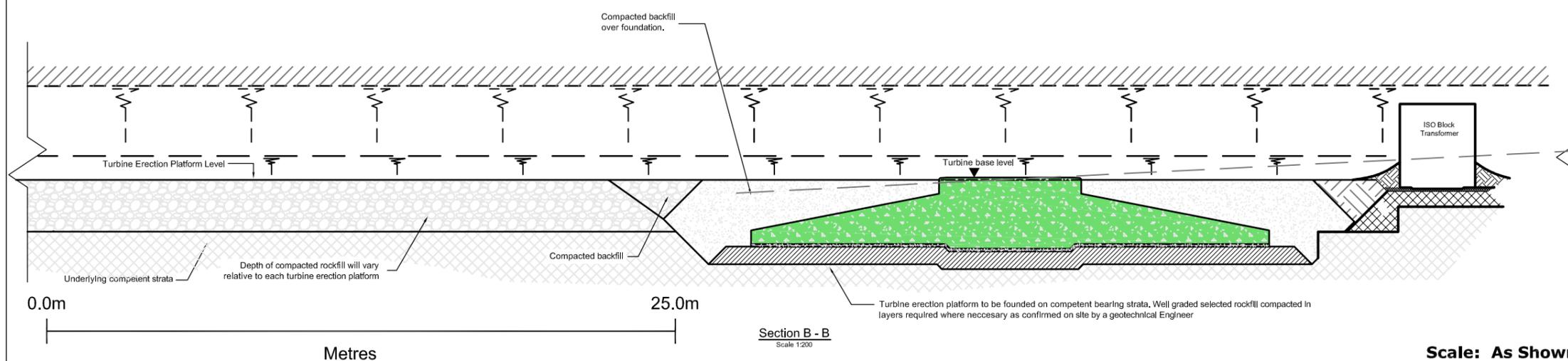
1. Wind turbine foundations to be founded on competent bearing strata. Bearing capacity to be determined during detailed design.
2. Perimeter drain to be constructed where risk of high water table is present. 150mmØ perforated upvc pipe in 20mm clean gravel, wrapped in terram fabric. Laid to falls to general site cross falls and extended to drainage scheme.
3. Earth / rock fill to be placed and compacted to achieve a required density in accordance with backfill compaction specification.
4. Excavation side slopes in peat to be confirmed by a Geotechnical Engineer.



Plan: Typical Turbine Erection Platform Arrangement
Scale 1:500



Section A - A
Scale 1:200



Section B - B
Scale 1:200

Scale: As Shown

Figure 4.3

Typical Access Track Construction

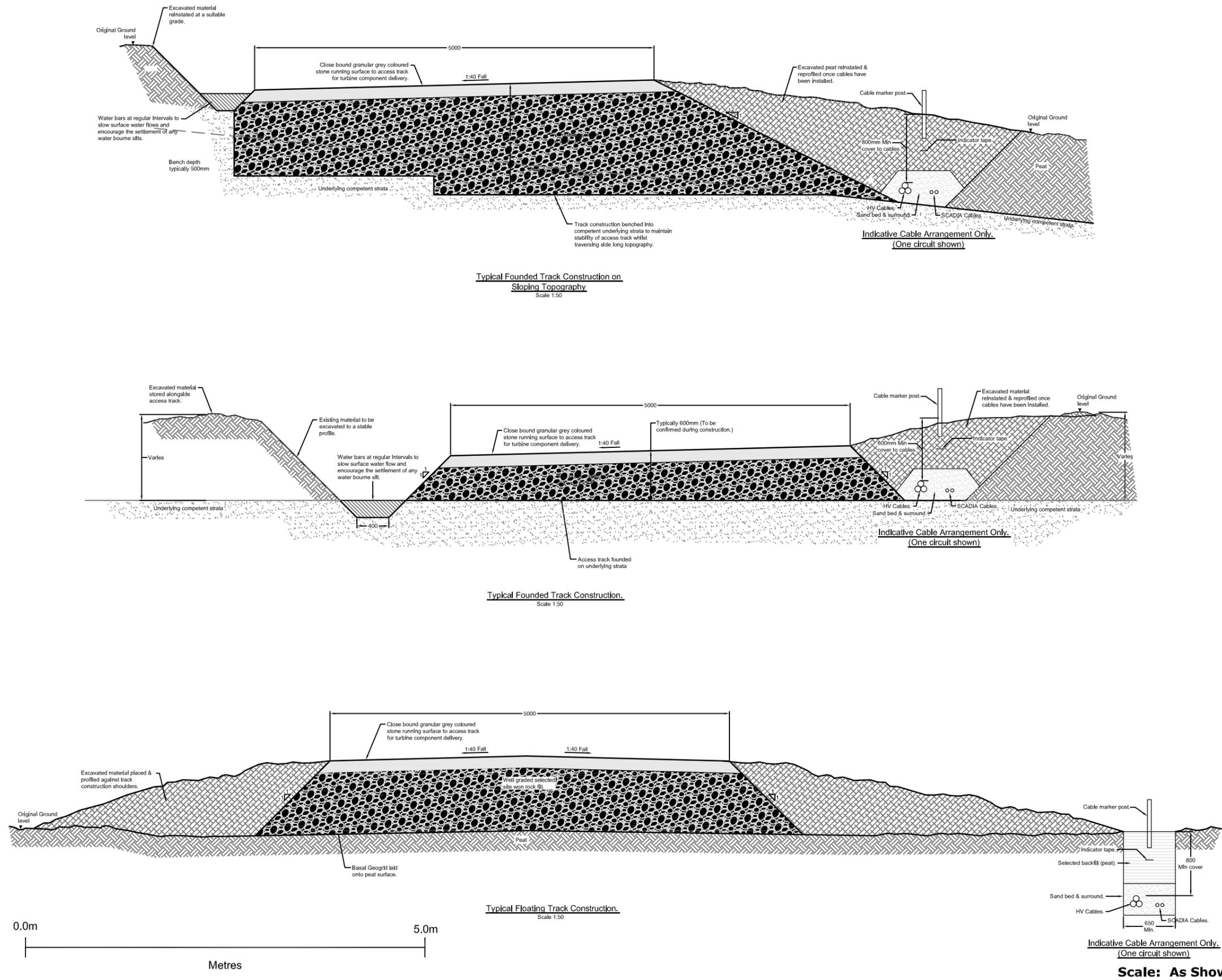
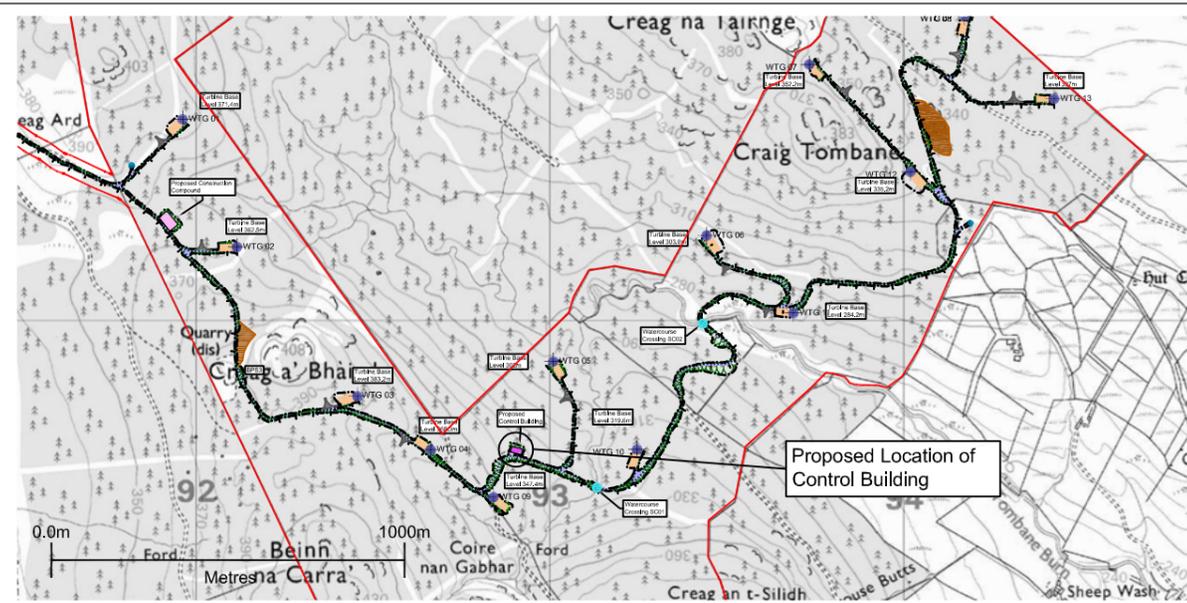
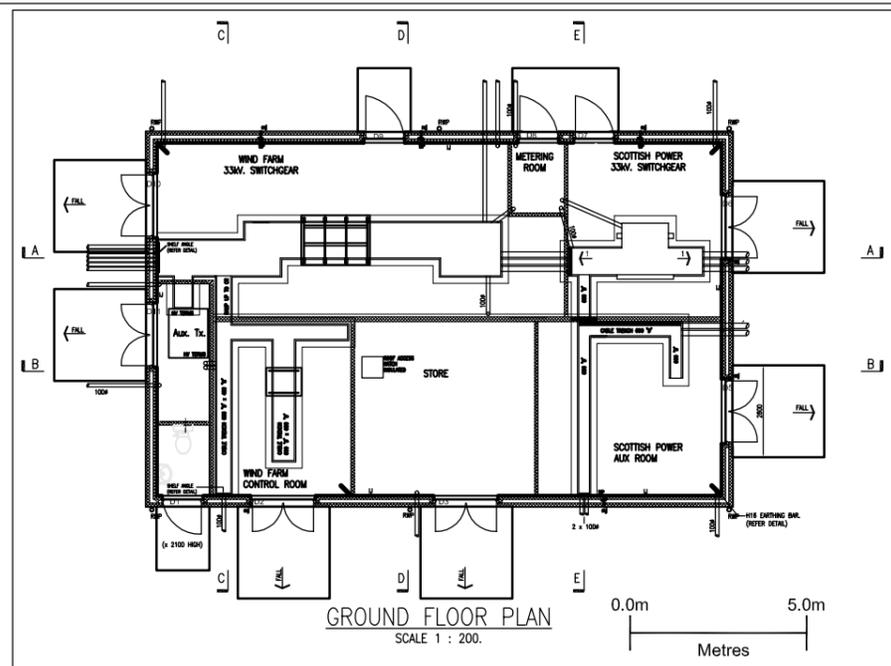


Figure 4.4

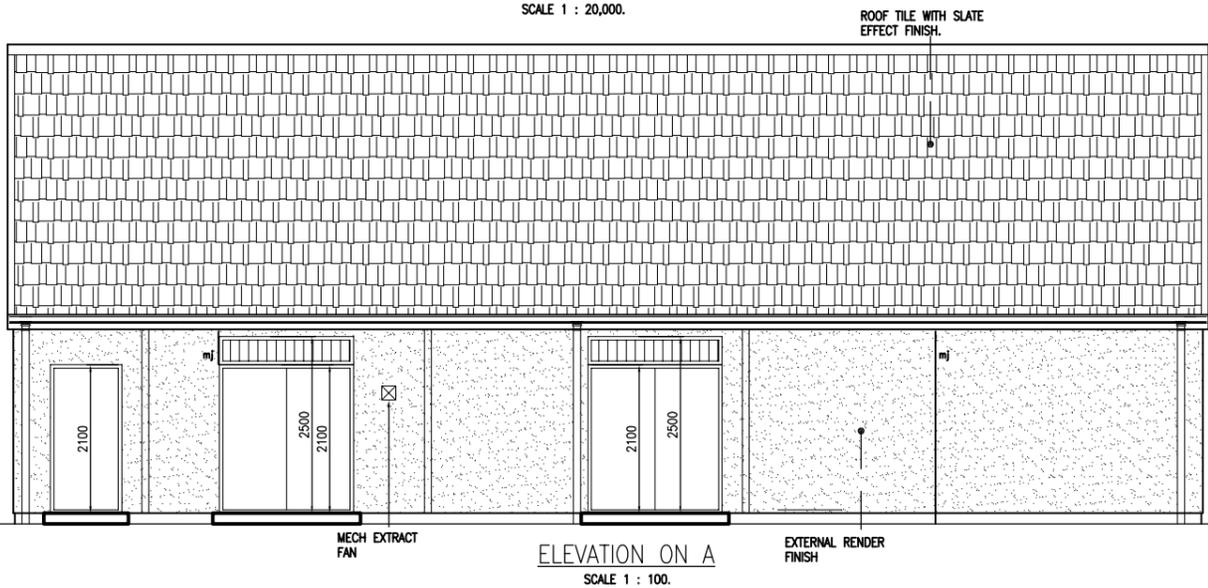


Proposed Site Layout (Extract)
SCALE 1 : 20,000.



Typical Control Building

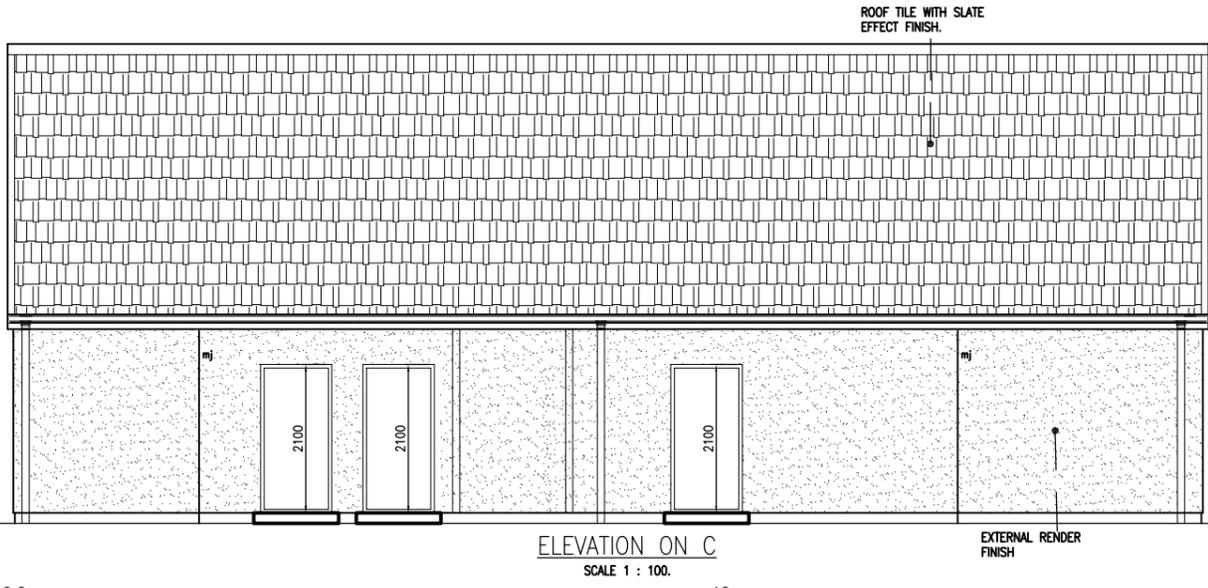
- Notes :
1. Refer to Site General Arrangement Drawing for Proposed Site Layout



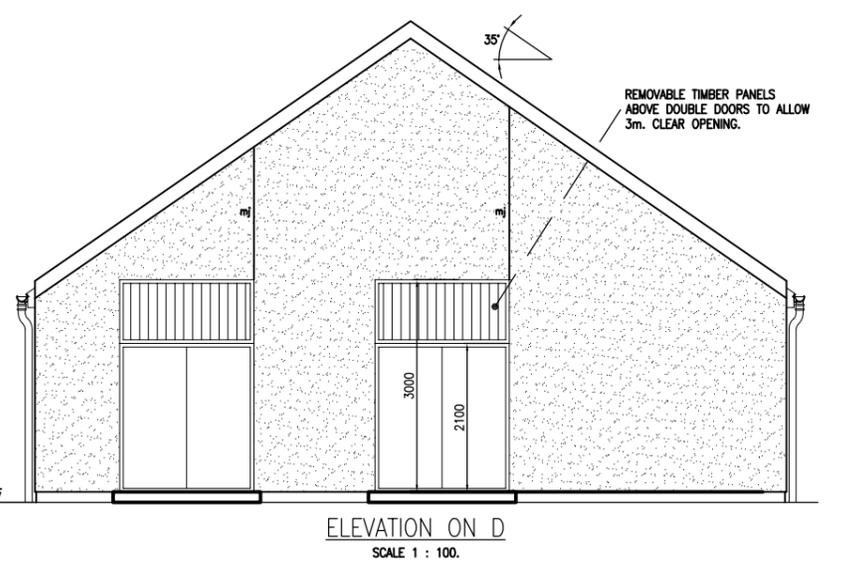
ELEVATION ON A
SCALE 1 : 100.



ELEVATION ON B
SCALE 1 : 100.



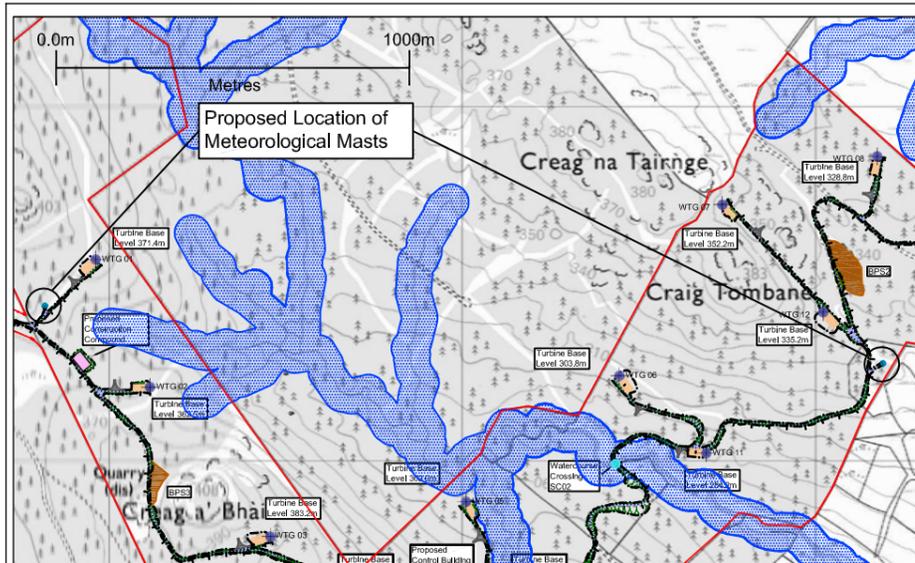
ELEVATION ON C
SCALE 1 : 100.



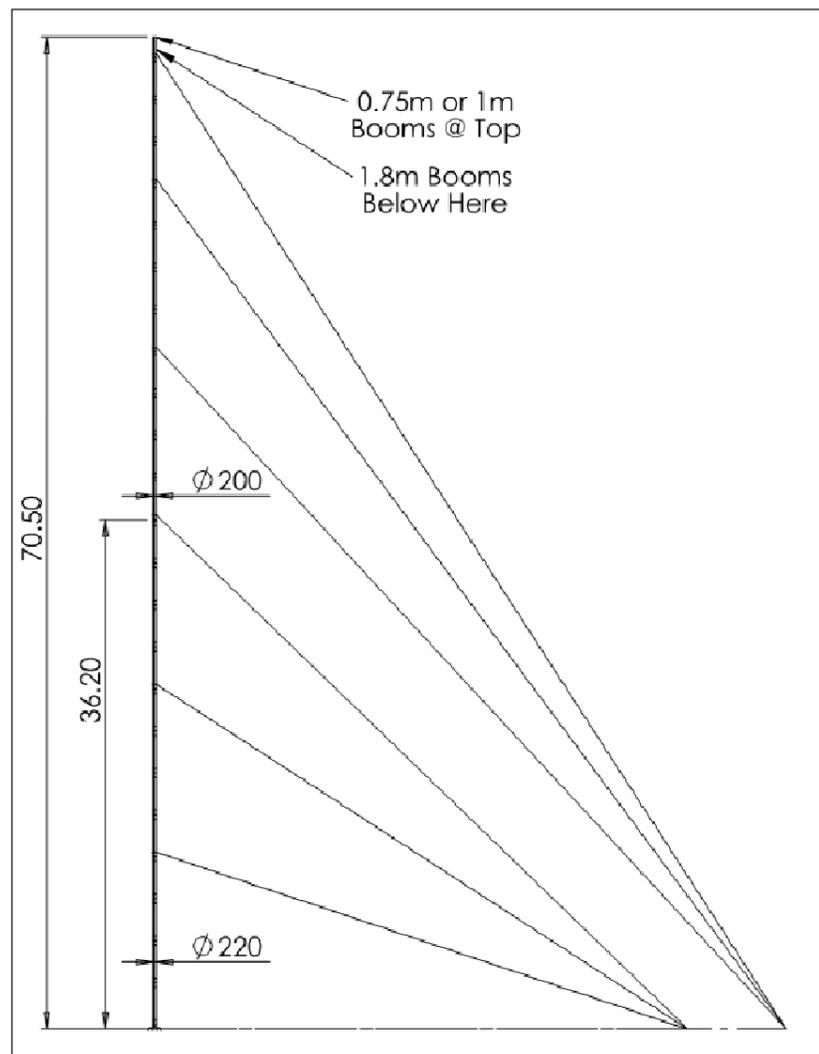
ELEVATION ON D
SCALE 1 : 100.

Figure 4.5

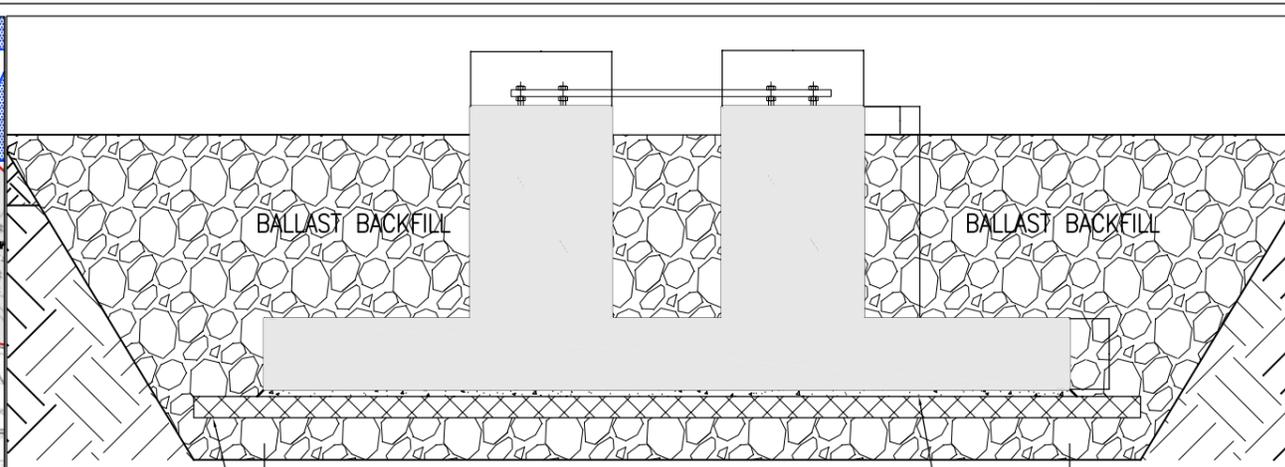
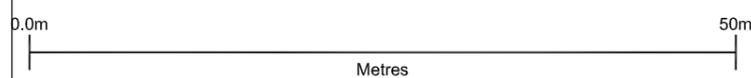
Scale: As Shown



Proposed Site Layout (Extract)
SCALE 1 : 20,000.



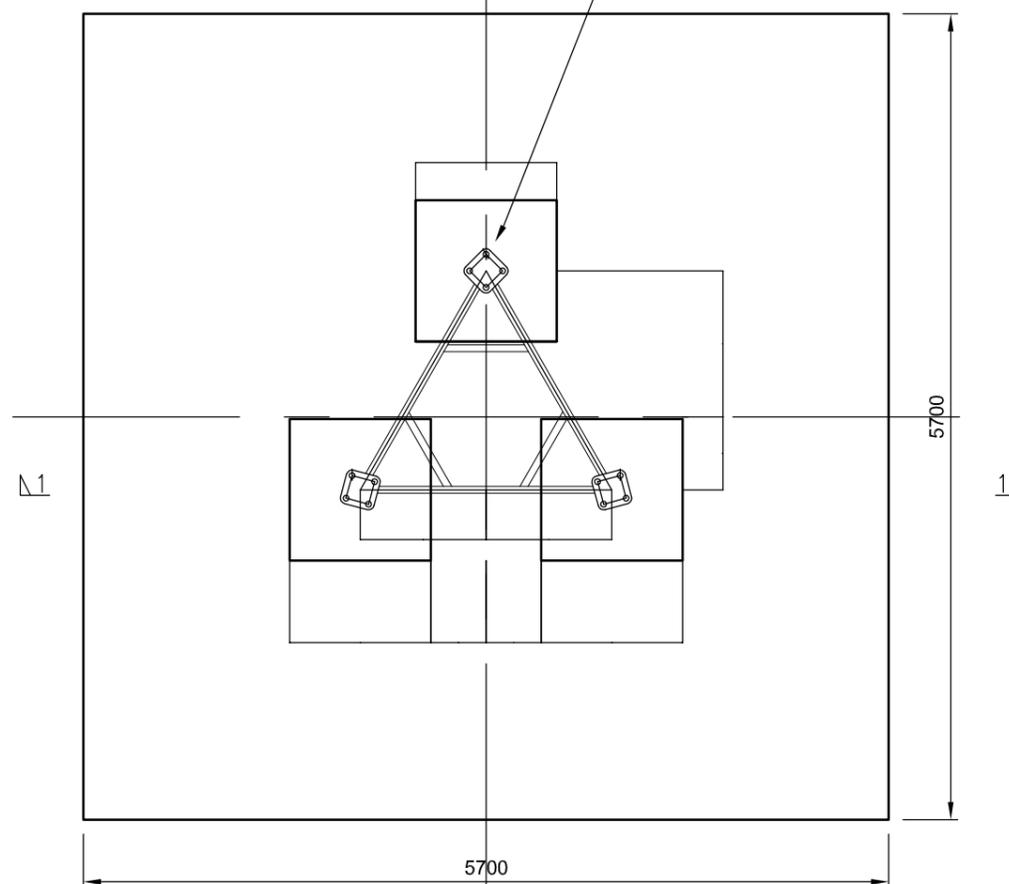
Elevation on Anemometer Mast
(Scale 1:500)



150mm (MINIMUM) TYPE 1
COMPACTED HARDCORE.

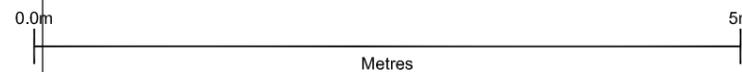
SECTION 1-1
SCALE 1:50

NOTE :
BOLT GROUPS TO BE SET OUT USING
TEMPLATE SUPPLIED BY MET MAST
MANUFACTURER.



PLAN ON MET. MAST BASE

SCALE 1:50



Scale: As Shown

Typical A70m Met Mast Detail

Notes :

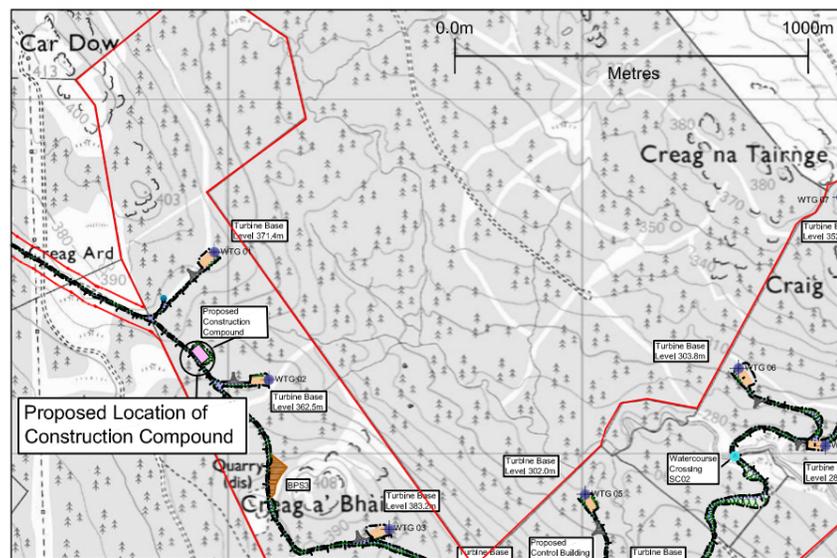
1. Refer to Site General Arrangement Drawing for Proposed Site Layout

Figure 4.6

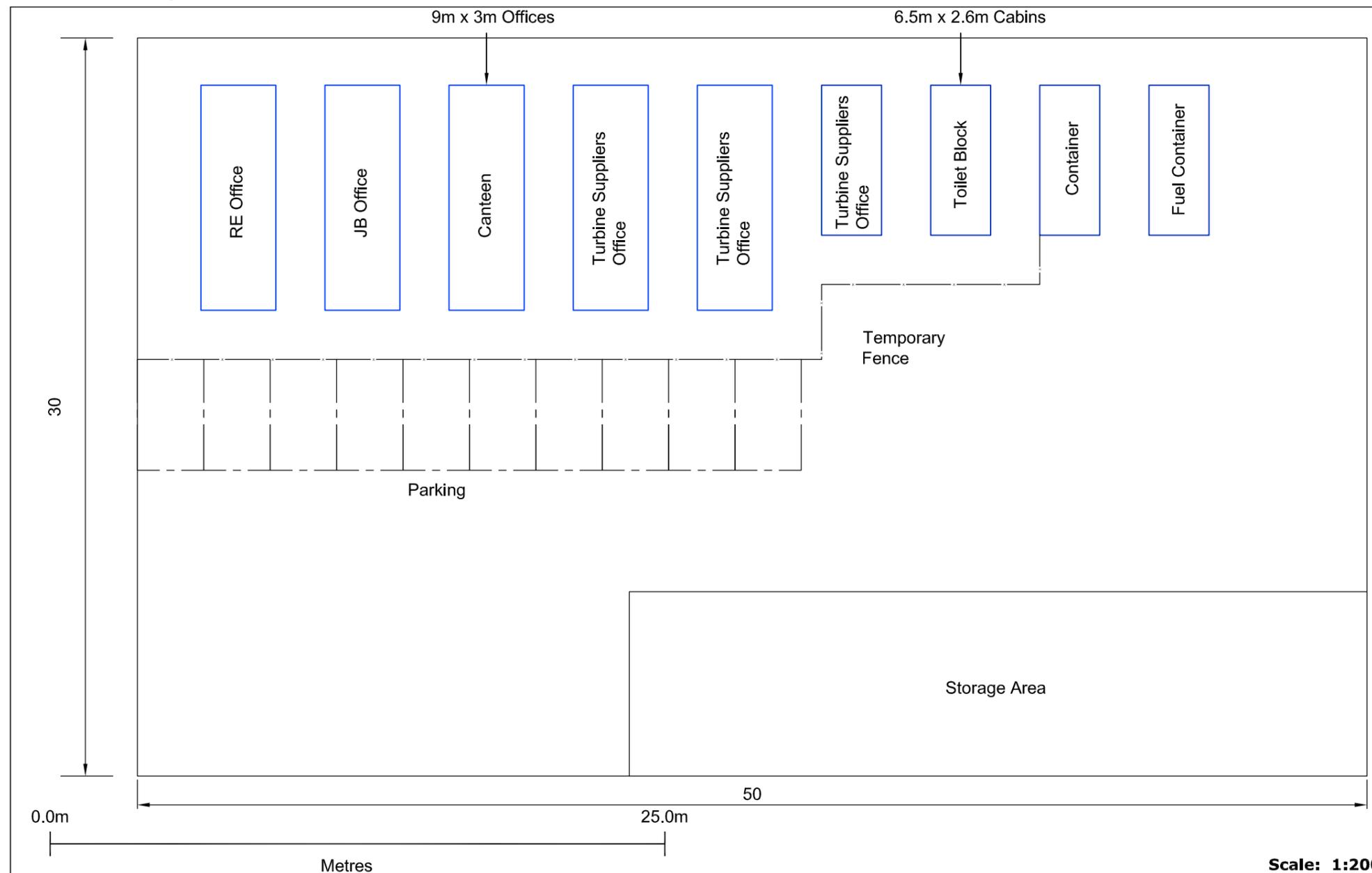
Typical Construction Compound

Notes :

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Proposed Site Layout (Extract)
SCALE 1 : 20,000.



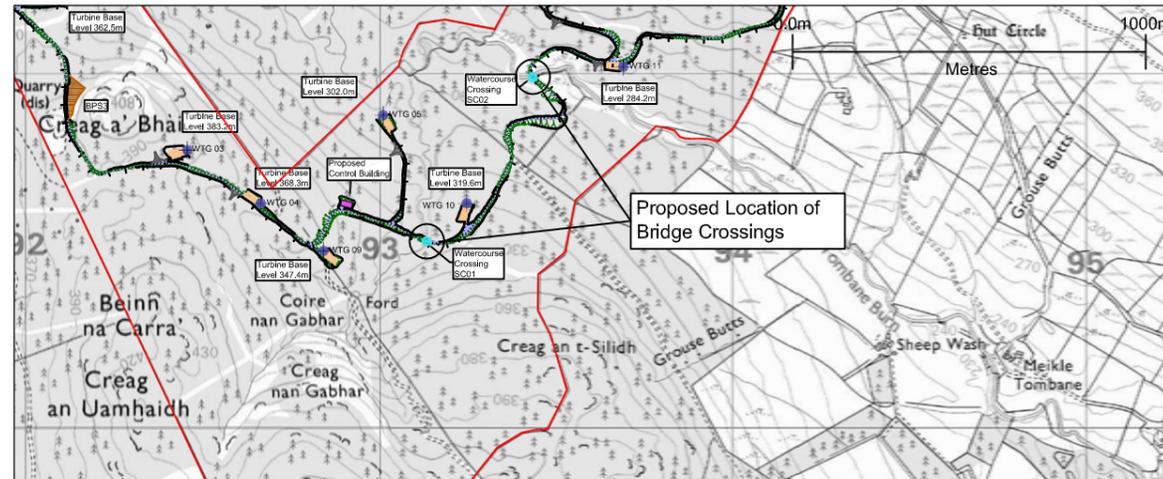
Scale: 1:200

Figure 4.7

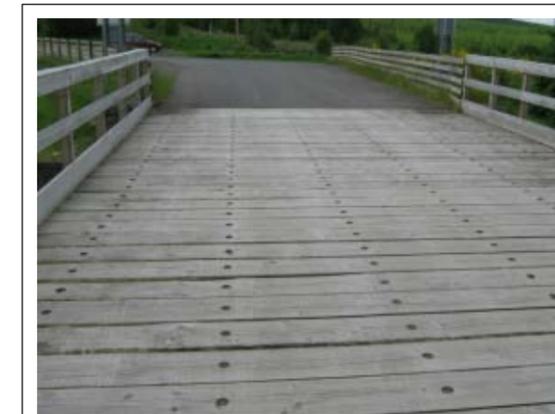
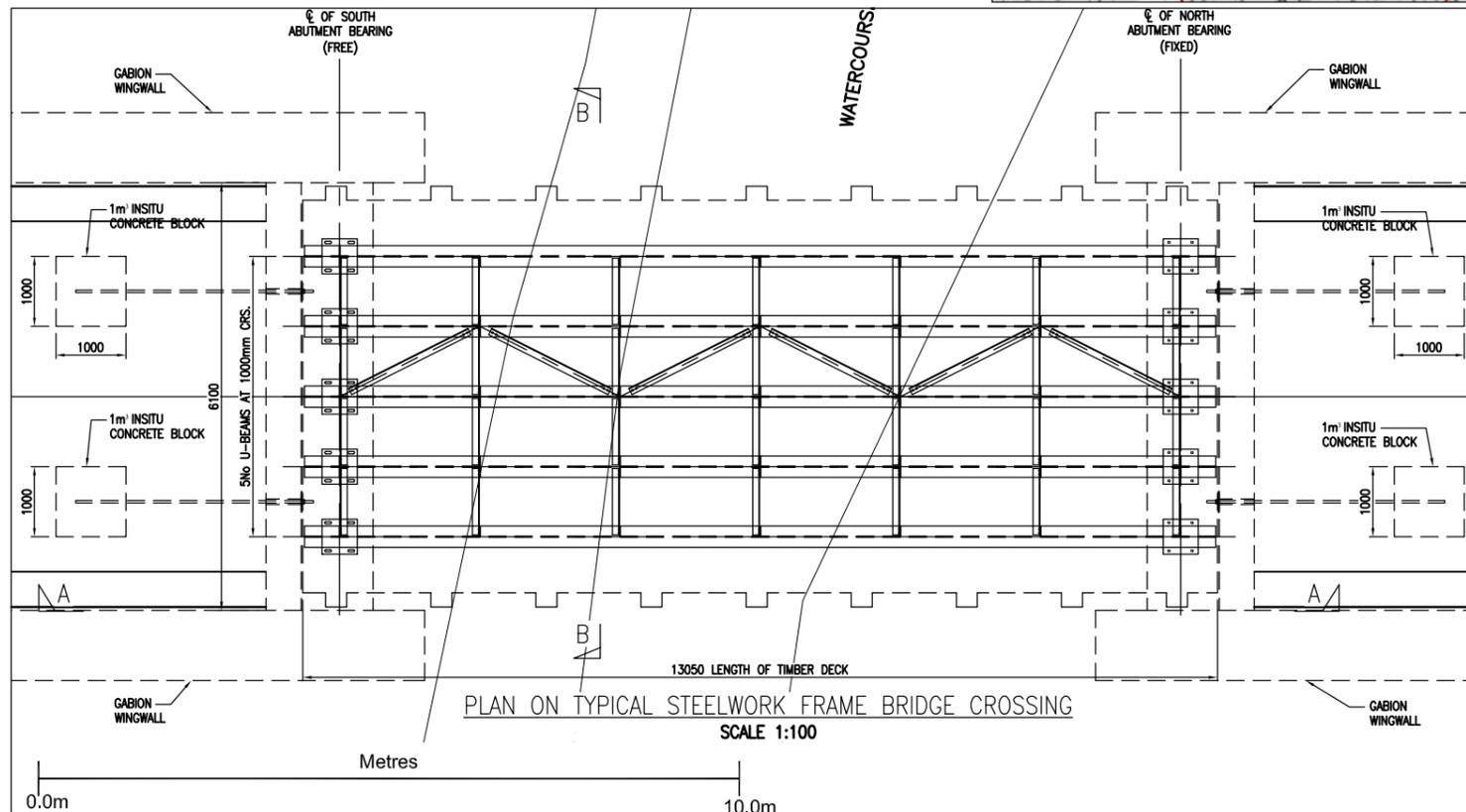
Typical Bridge Crossings at Watercourses

Notes :

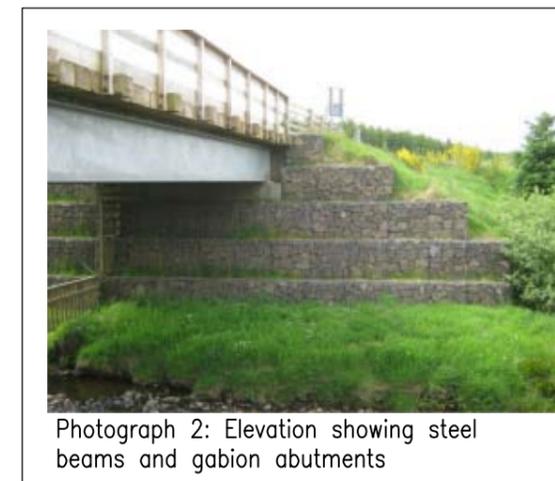
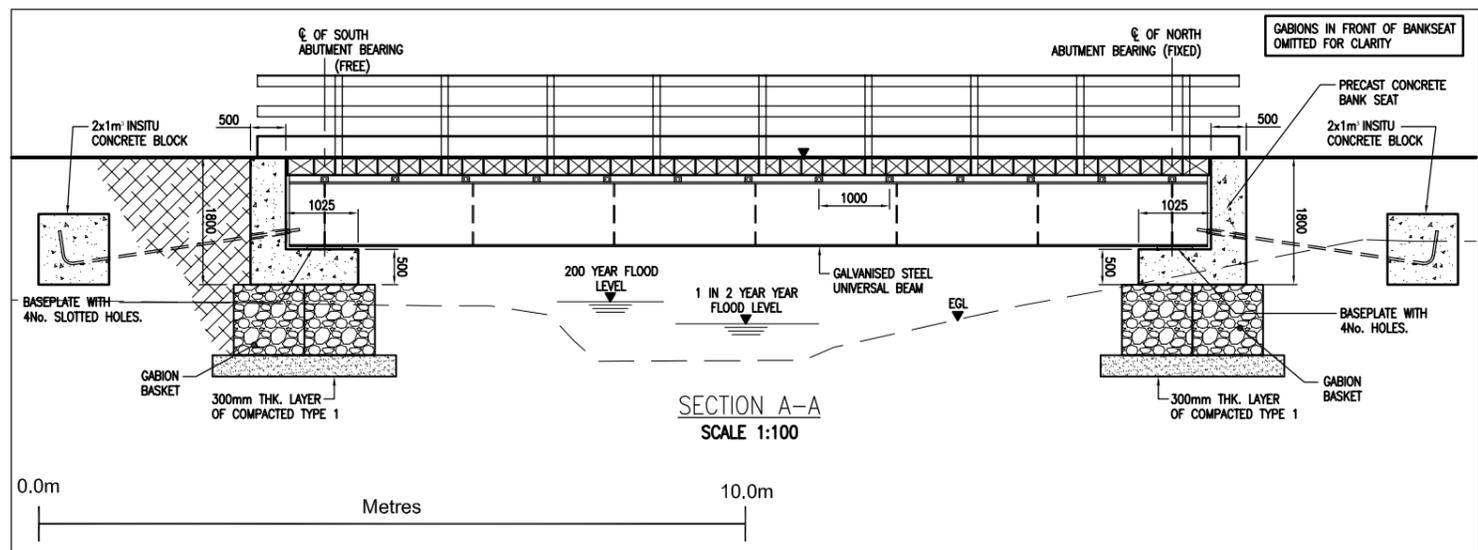
1. Refer to Site General Arrangement Drawing for Proposed Site Layout



Proposed Site Layout (Extract)
 SCALE 1 : 20,000.



Photograph 1: View showing timber deck and timber hand rails



Photograph 2: Elevation showing steel beams and gabion abutments

Photographs of Similar Bridge Installation at Wind Farm Sites

Figure 4.8

Watercourse Culvert Crossings

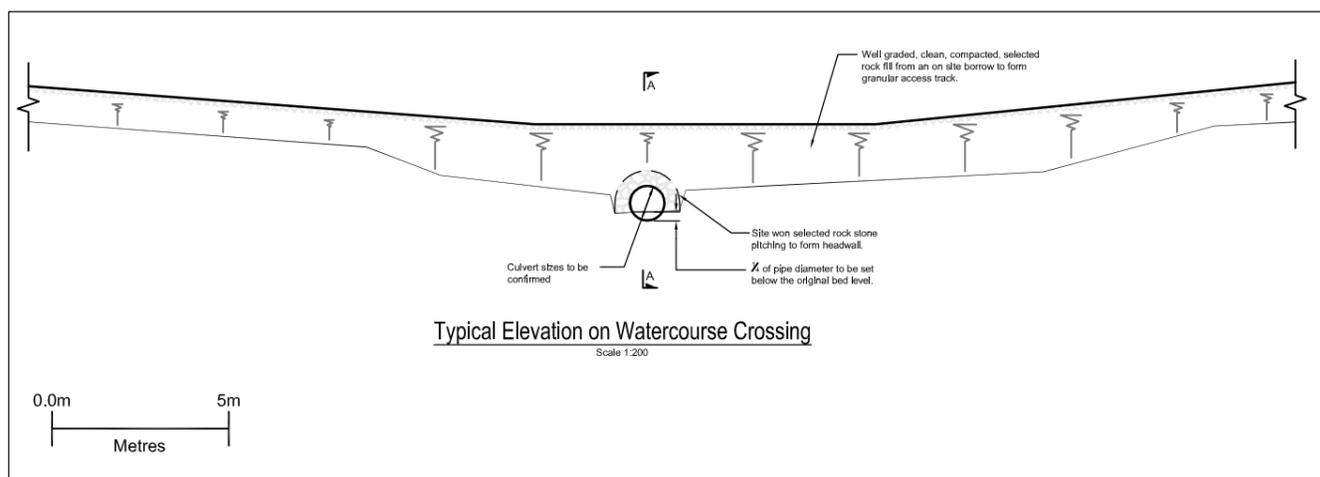
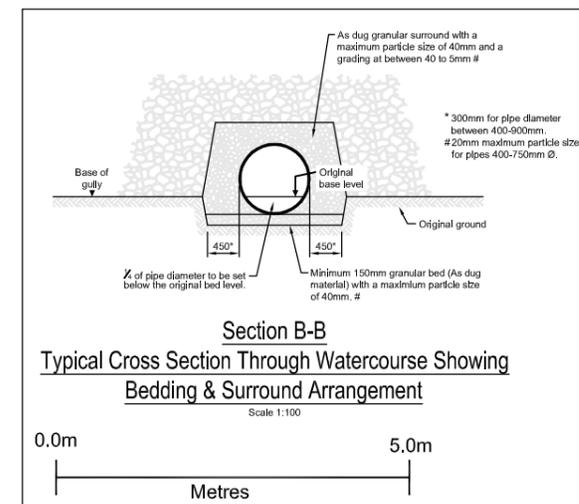
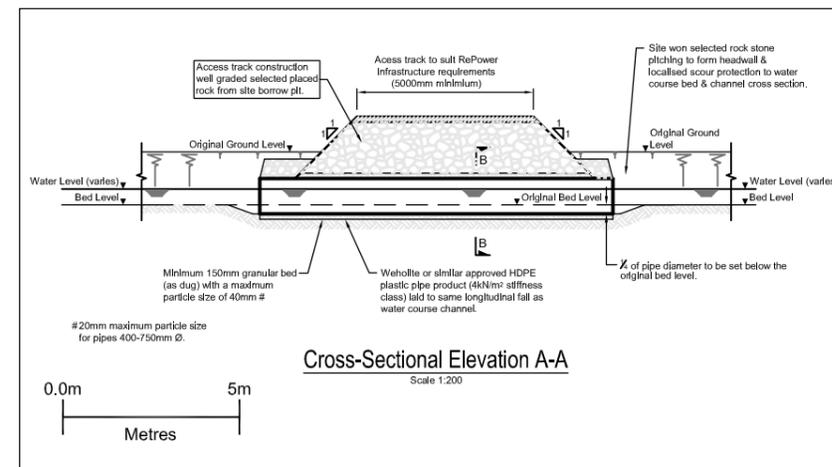
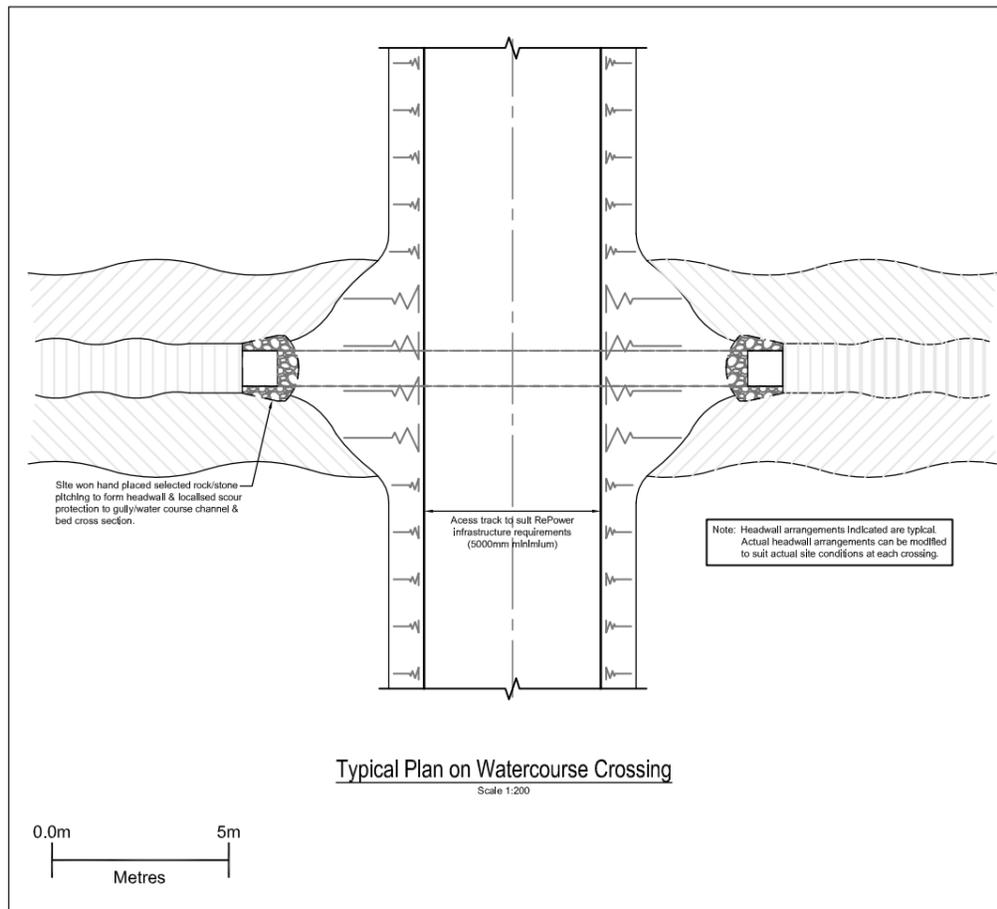
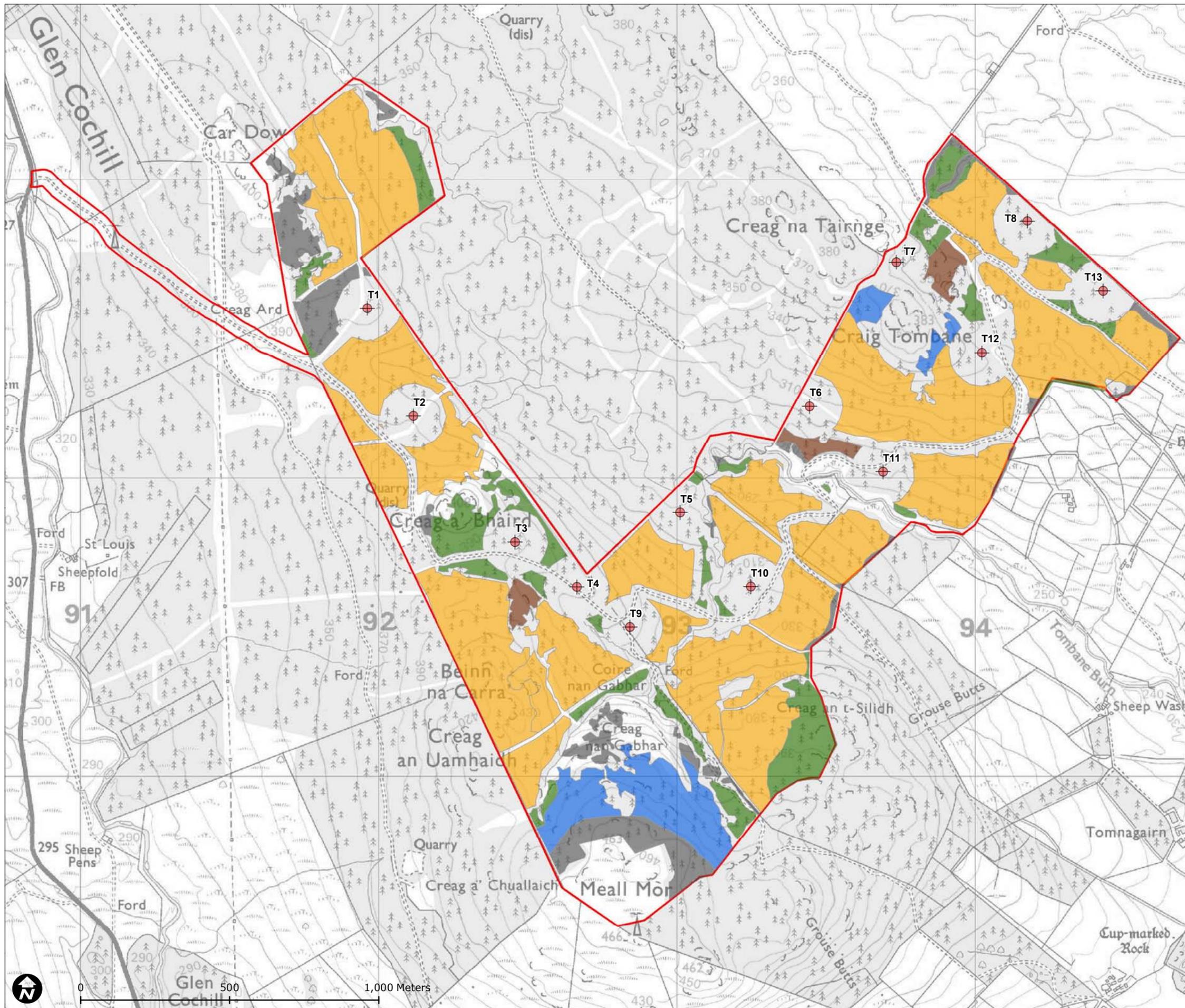


Figure 4.9



Crag a' Bhaird
Wind Farm



Indicative Forest Design Plan

- Site boundary
- + Turbine location
- Restocking species**
- Native broadleaf
- Scots pine
- Norway spruce
- Sitka spruce
- Designed open ground

Figure 4.10

Map Scale @ A3: 1:12,500

