
Appendix 6.1: Watercourse Crossing Schedule

6.1 Introduction

- 6.1.1 This document provides a revised schedule of watercourse crossings, based on the updated layout for the site to include 29 turbines with a tip height of up to 149.9 metres (m). The revised proposal would see the removal from the original 36 turbine layout of Turbines 20, 21, 22, 23, 27 and 28 which were proposed in the western cluster and Turbine 29 from the eastern cluster and the removal of associated track spurs that served these locations.
- 6.1.2 The purpose of this document is to provide an updated schedule of watercourse crossings proposed for the 29 Turbine Proposed Layout. Assessment provided in the April 2020 EIA (Technical Appendix 10.3: Watercourse Crossing Assessment) of the types of crossings that shall be installed, likely levels of CAR¹ authorisation and requirements for regulatory compliance remain unchanged.

6.2 Identification of Watercourse Crossing Locations

- 6.2.1 A total of 9 watercourse crossings would be required as part of the 29 Turbine Proposed Development (compared to 12 crossings for the 36 Turbine Proposed Development), crossing locations are presented in Figure 1. Where available, photographs of the surveyed locations are presented in Technical Annex 1 (Watercourse Crossing Photos)². The average channel width and depth in the vicinity of the potential watercourse crossing location, as well as the bed substrate material are presented below in Table 1.
- 6.2.2 The revised layout would include the removal of two proposed crossings of Allt Creag Chornaich such that the 29 Turbine Proposed Development would include no new crossings of this watercourse. A crossing of Min Choire would also no longer be required for the 29 Turbine Proposed Development layout.

¹ SEPA, 2019. The Water Environment (Controlled Activities) (Scotland) Regulations 2011 (as amended): A Practical Guide, Version 8.4. [Available at: https://www.sepa.org.uk/media/34761/car_a_practical_guide.pdf]

² As identified in Technical Appendix 10.3 of the April 2020 EIA. surveys were not carried out on four of the crossing locations, at which new crossings are proposed, as the locations had not been confirmed at the time of the site walkover. Watercourses that were not surveyed were recorded to form minor tributaries to the River Tarff. In all of these cases, the channel width of all tributaries was noted to be less than 1m at their point of discharge to the River Tarff.

Table 1: Revised Watercourse Crossing Schedule

Crossing Location	Details	Easting	Northing	Conditions at closest survey point		Likely Crossing Method	Likely Level of CAR Authorisation
				Channel width (m)	Substrate		
1	River Tarff	246854	802768	3	Bedrock/Cobble	Single span (bridge or half barrel culvert)	Simple License
2	River Tarff	246455	802768	2	Peat/Boulder	Single span (bridge or half barrel culvert)	Simple License
3	Caochan Uilleam	247722	802929	2.4	Bedrock/Boulder	Single span (bridge or half barrel culvert)	Simple License
4	Caochan Uchdach	257018	802612	1.6	Gravel/Cobble	Single span (bridge or half barrel culvert)	Registration
5	Allt Mor	257080	804112	1.6	Gravel/Cobble	Single span (bridge or half barrel culvert)	Registration
6	Tibutary to River Tarff (west)	246105	801750	N/S	N/S	Closed Culvert	Registration
7	Tibutary to River Tarff (west)	246216	801586	N/S	N/S	Closed Culvert	Registration
8	Tibutary to River Tarff (east)	246647	801341	N/S	N/S	Closed Culvert	Registration
9	Tibutary to River Tarff (east)	246843	801932	N/S	N/S	Closed Culvert	Registration

Technical Annexe 1: Watercourse Crossing Photos

Location: WC 1 (River Tarff)



Photo 1: Downstream



Photo 2: Upstream

Location: WC 2 (River Tarff)



Photo 1: Downstream



Photo 2: Upstream

Location: WC 3 (Caochan Uilleim)



Photo 1: Downstream



Photo 2: Upstream

Location: WC 4 (Caochan Uchdach)



Photo 1: Downstream



Photo 2: Upstream

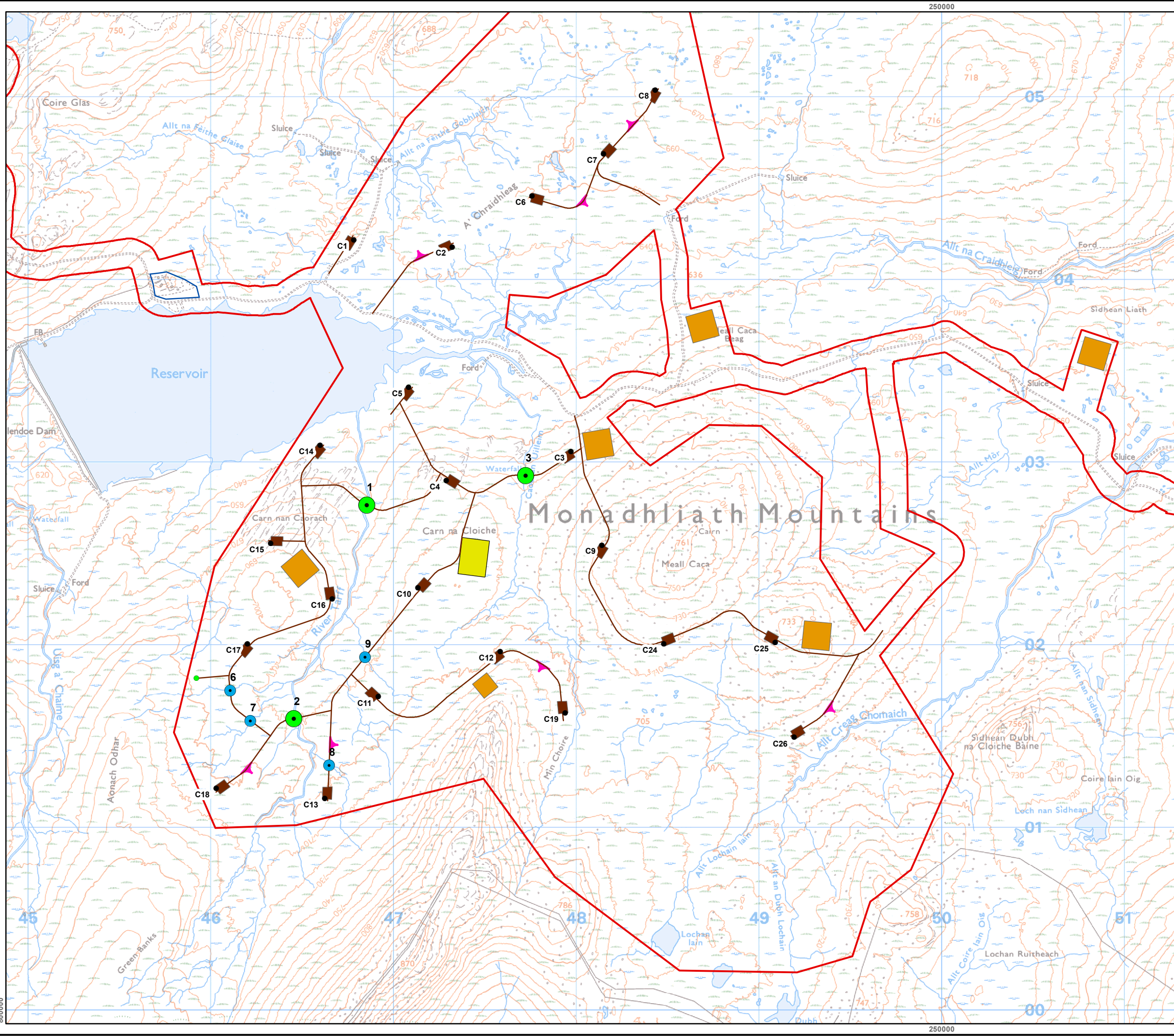
Location: WC 5(Allt Mor)



Photo 1: Downstream



Photo 2: Upstream



Key

- LiDAR
- Turbine
- Track
- Borrow Pit Search Area
- Compound
- Hardstanding
- Site Boundary
- Substation
- Turning Heads

Watercourse Crossings

Survey Status

- Surveied Crossing
- Desktop Review

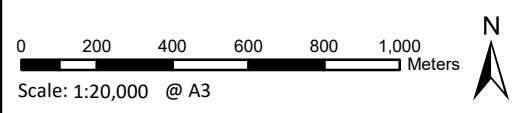
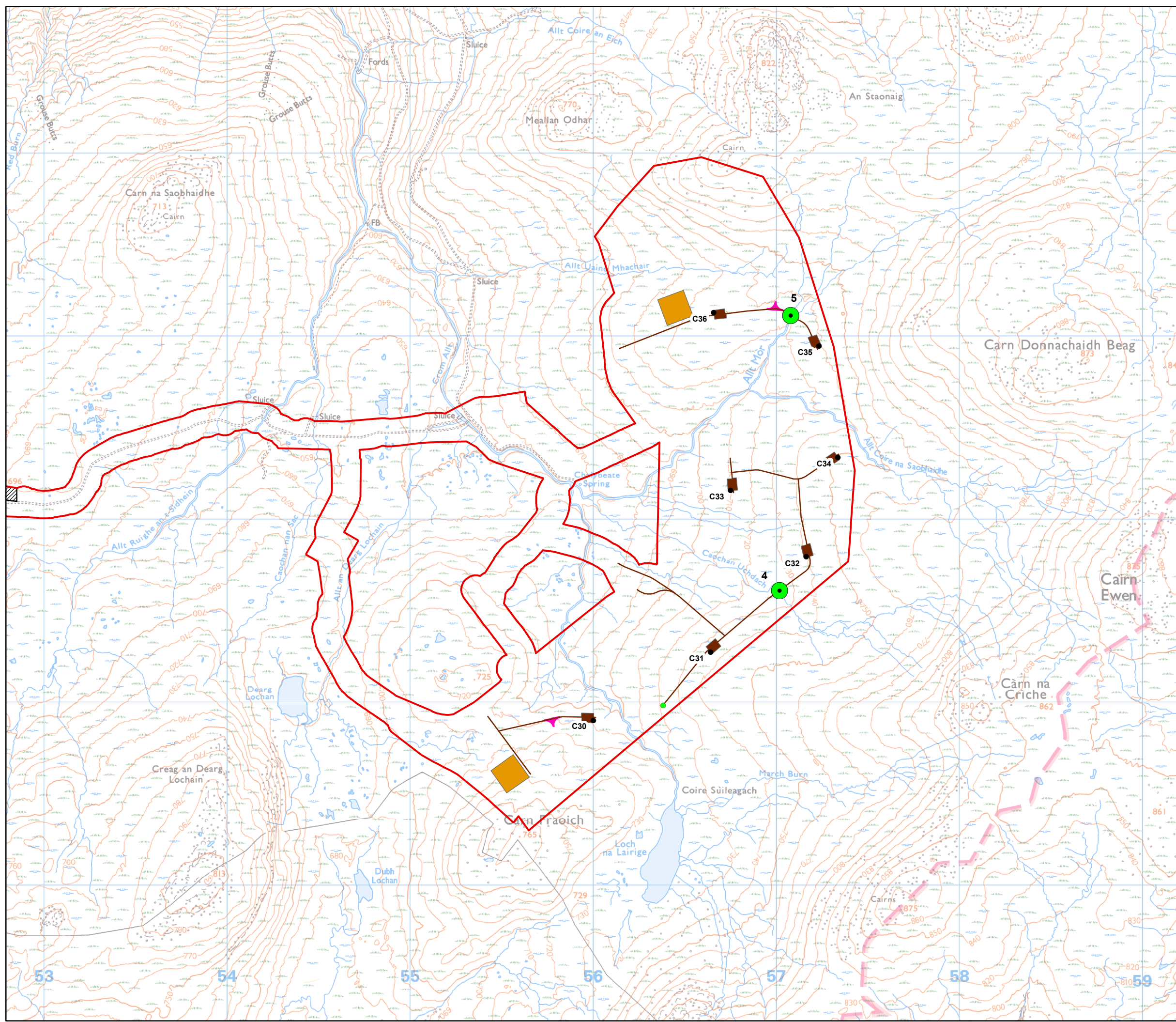


Figure 1(a)
Watercourse Crossings

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Key

- Site Boundary
- LiDAR
- Turbine
- Track
- Borrow Pit Search Area
- Compound
- Hardstanding
- Substation
- Batching Plant
- Turning Heads

Watercourse Crossings

- Surveyed Crossing
- Desktop Review

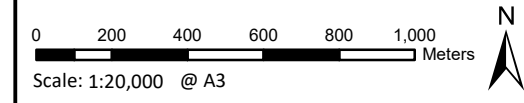


Figure 1(b)
Watercourse Crossings