

Legend

- Planning Boundary
- 3km Offsets from boundary

Landform

High

Medium

Low

Client

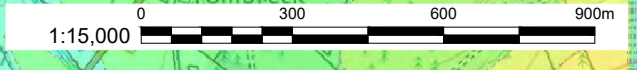
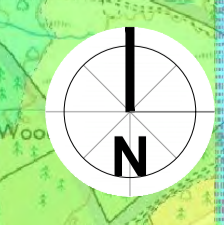
Field

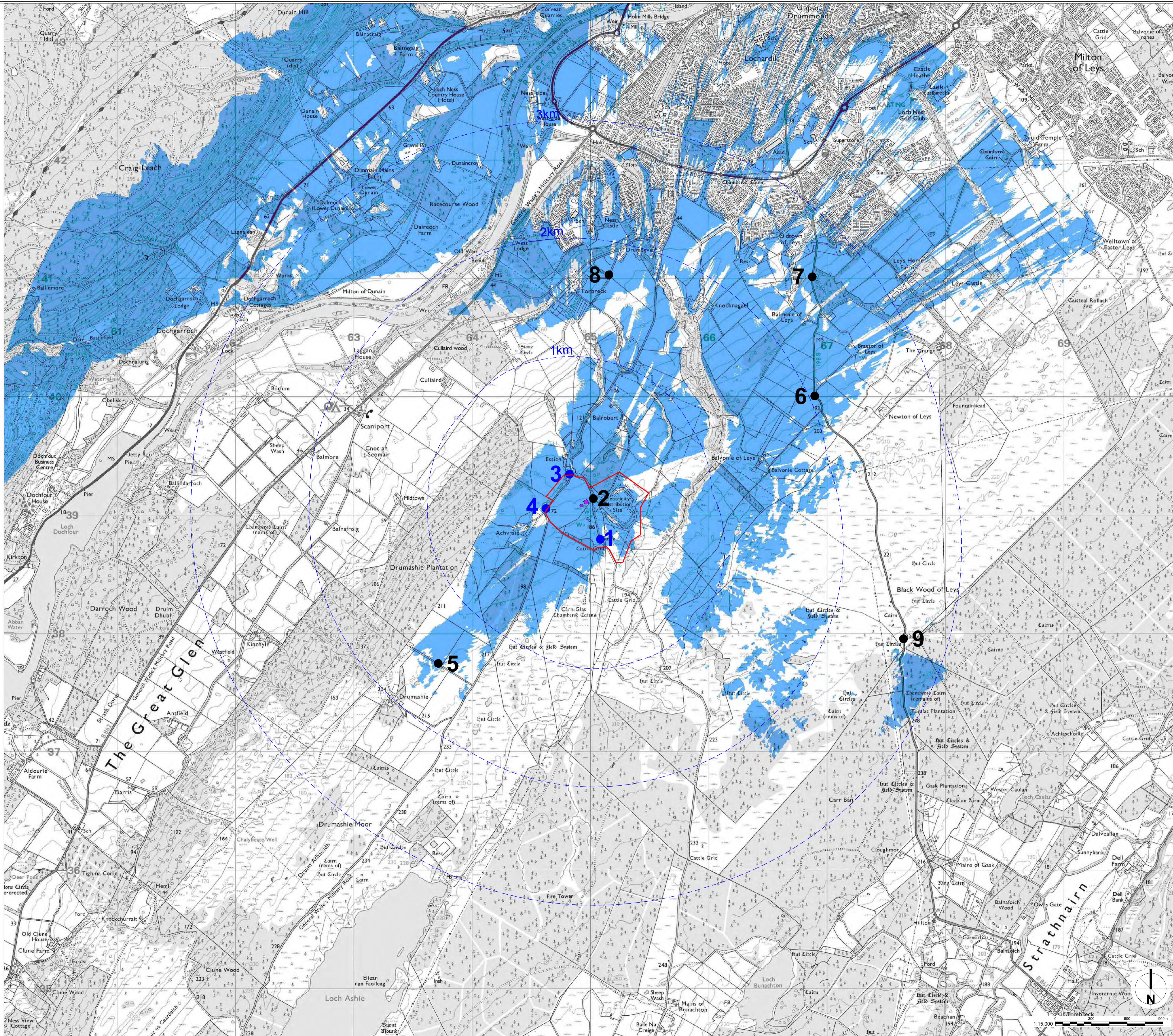
Project
 Knocknagael
 Battery Storage System

Drawing Title
 Topography

Created by	CL	ME	A1	1:15,000	Date Created	10.06.24
Drawing No.	Drawing 04				Revision	00

DRaw
 Design & Assessment





- Legend**
- Planning Boundary
 - Offsets from boundary
 - 9 Photograph view location
 - 1 Photograph view & photomontage location
 - Proposed Structures
 - Extent of Theoretical Visibility

ZTV Parameters
 Zone of Theoretical Visibility generated using 'OS Terrain 5' digital terrain data at 5m resolution. Bare Earth Model with existing buildings and structures (8m) generated from 'OS VectorMap District' data sets.

- Height parameters of ancillary buildings:
- Viewer eye-level: 2m
 - High Level Post: 7.1m
 - Switch Room: 8m

The ZTV identifies areas from which the development will be theoretically visible. Due to the frequency of low-level vegetation and structures (not included in the model) the actual visibility will be less extensive than the drawing indicates.

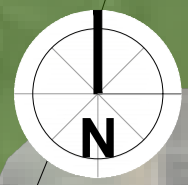
Field

Client: Knocknagael Battery Storage System

Project: Zone of Theoretical Visibility Bare Earth Model - High Level Equipment

Created by	CL	ME	A1	Scale	1:15,000	Date Created	10.06.24	
Drawing No	Drawing 05						Revision	00

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- Legend**
- Planning Boundary
 - Existing Features**
 - Coniferous woodland
 - Broadleaf woodland and scrub
 - Pasture farmland retained
 - Trees and other vegetation to be removed
 - Proposed Landscape Features***
 - Attenuation basin
 - Proposed contours (1m interval)
 - Individual tree planting
 - Tree & shrub planting
 - Heather / juniper scrub with birch trees
 - Area restored to pasture
 - Species rich neutral grassland
 - Existing wetland area retained
 - Hedgerow with trees
 - Acoustic barrier: 4m high
 - Acoustic barrier: 3m high
 - Palisade security fence: 2.4m high with 600mm electric toppler
 - Post & wire mesh stock proof fence

*All planting native species

Post construction: field area remediated and returned to pasture

Substation Compound

Western BESS Compound

Southern BESS Compound

Knocknagael Substation

5m livestock access

Client: Field

Project: Knocknagael Battery Storage System

Drawing Title: Proposed Landscape Restoration

Created by: JE	Reviewed by: MCE	Sheet Size: A1	Scale: 1:1250	Date Created: 21.06.24
Drawing No: Drawing R01				Revision: 05

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