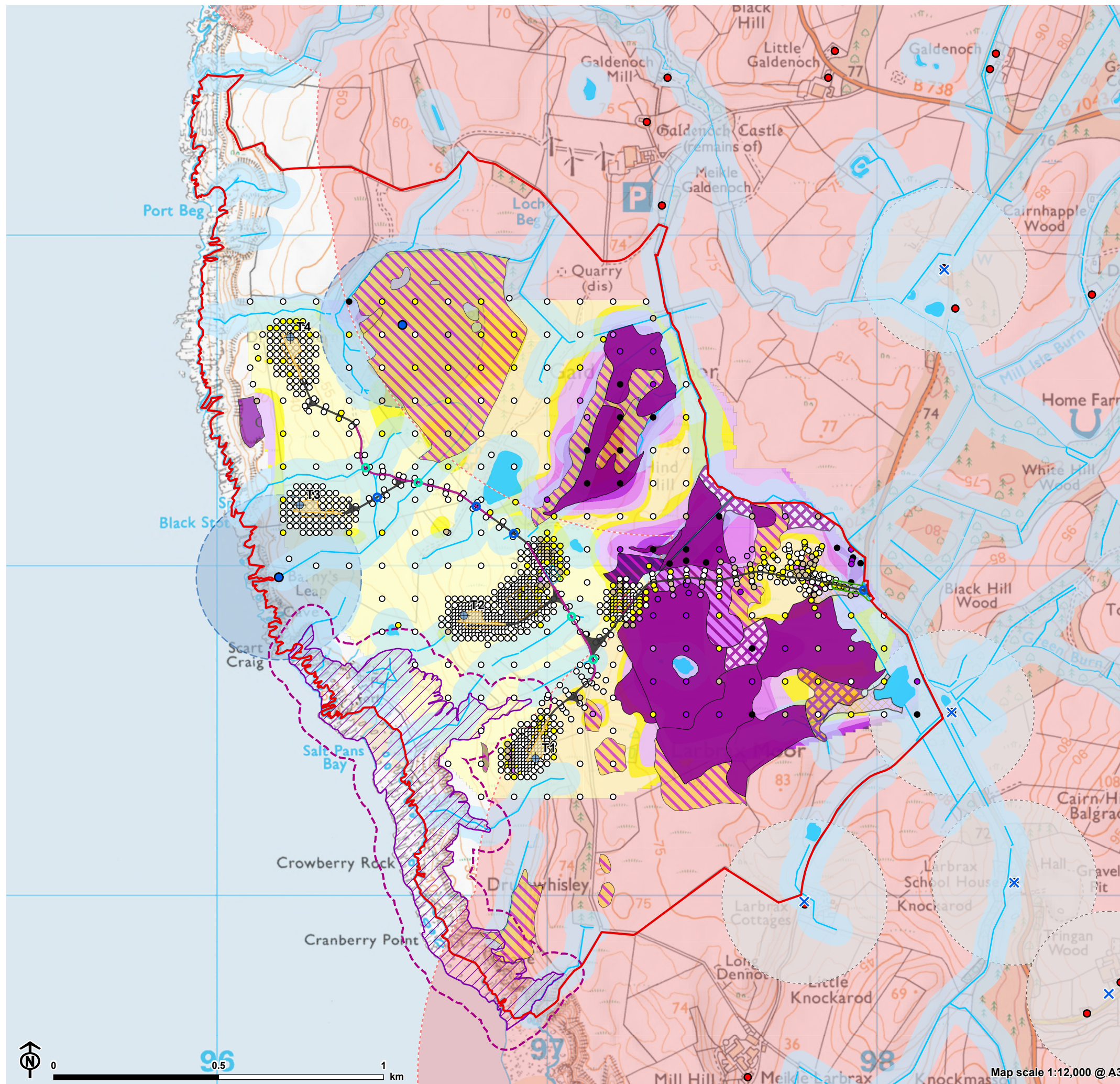


Chapter 3: Site Selection and Design Strategy - Figures

Figure 3.1: Site Constraints



- Site boundary
- Turbine
- Hardstanding temporary
- Hardstanding permanent
- Temporary borrow pit
- Temporary construction compound
- Substation/battery storage
- Track to be upgraded
- Proposed new track/access junction
- Tree/scrub removal
- New watercourse crossing
- Existing (upgraded) watercourse crossing
- Residential properties
- Residential properties 1km buffer
- Sites of Special Scientific Interest (SSSI) Salt Pans Bay
- Salt Pans Bay (SSSI) - 60m buffer
- Marsh/Marshy Grassland/Wet Modified Bog
- Wet Modified Bog
- Continuous Bracken/Wet Dwarf Shrub Heath
- Wet Dwarf Shrub Heath
- Wet Dwarf Shrub Heath/Blanket Bog
- Wet Dwarf Shrub Heath/Coastal Grassland
- Wet Dwarf Shrub Heath/Introduced Shrub
- Marsh/Marshy Grassland/Blanket Bog
- Blanket Bog
- Confirmed PWS
- Confirmed PWS 250m buffer
- GWDTE
- GWDTE 250m buffer
- Watercourses/waterbodies
- 50m buffer of watercourses
- Probed peat depth (cm)
 - 0 > 25
 - 25 > 50
 - 50 > 100
 - 100 > 150
 - 150 > 200
 - > 200
- Interpolated Phase 1 Peat Depth (cm)
 - 0 - 30
 - 30 - 50
 - 50 - 100
 - 100 - 200
 - 200 - 300
 - 300 - 400
 - >400

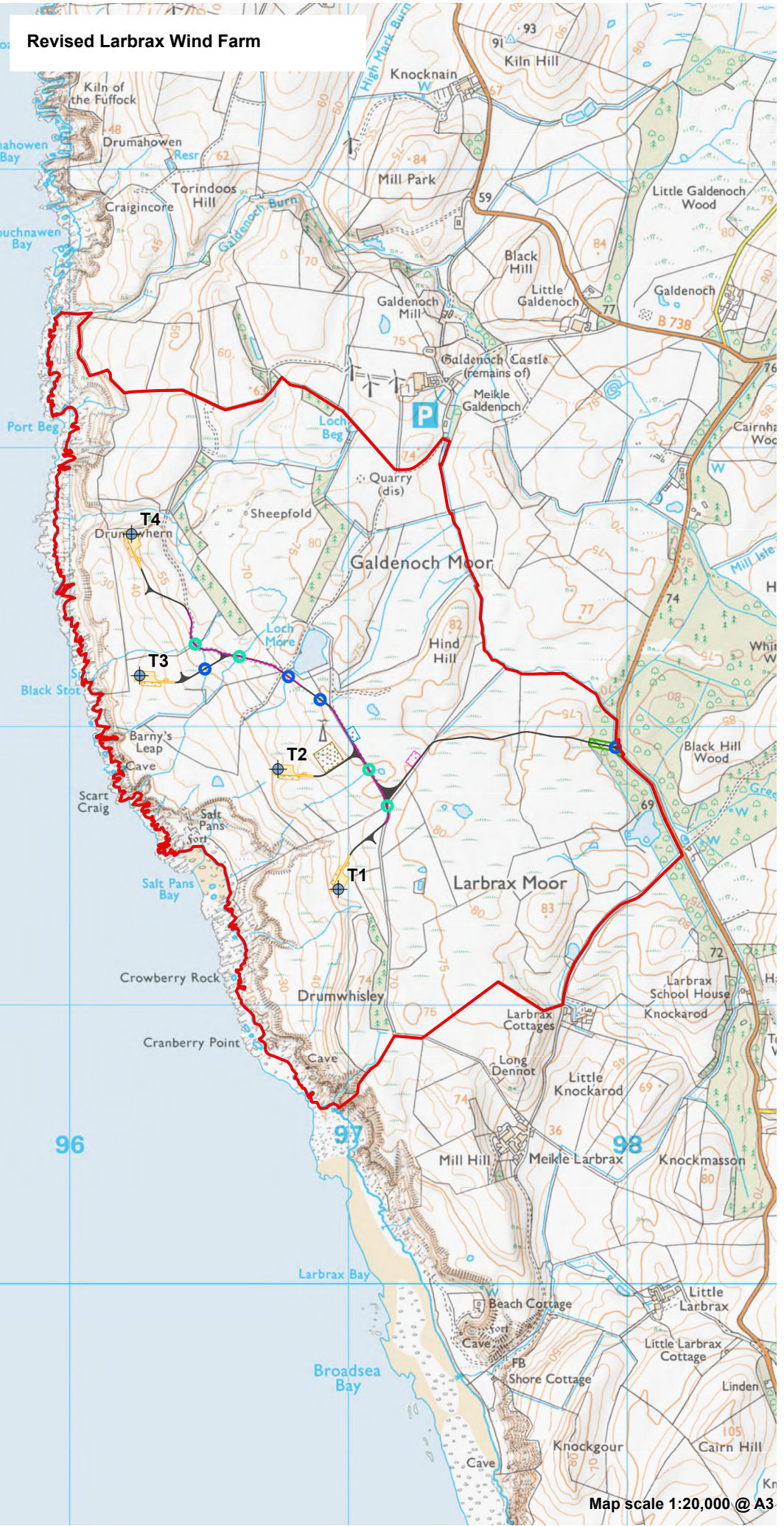


Figure 3.2: Comparison of Proposed Development with Consented Larbrax Wind Farm

Consented Larbrax Wind Farm Layout

- Site boundary
- Turbine
- Crane pad laydown area
- Borrow pit
- Construction compound
- Substation
- Water crossing
- Permanent met mast
- Power performance mast
- Site access tracks
- Proposed compensatory planting area
- Proposed felling area
- Broad-leaved woodland planting area

Revised Larbrax Wind Farm Layout

- Site boundary
- Turbine
- Hardstanding temporary
- Hardstanding permanent
- Temporary borrow pit
- Temporary construction compound
- Substation/battery storage
- Track to be upgraded
- Proposed new track/access junction
- Tree/scrub removal
- New watercourse crossing
- Existing (upgraded) watercourse crossing

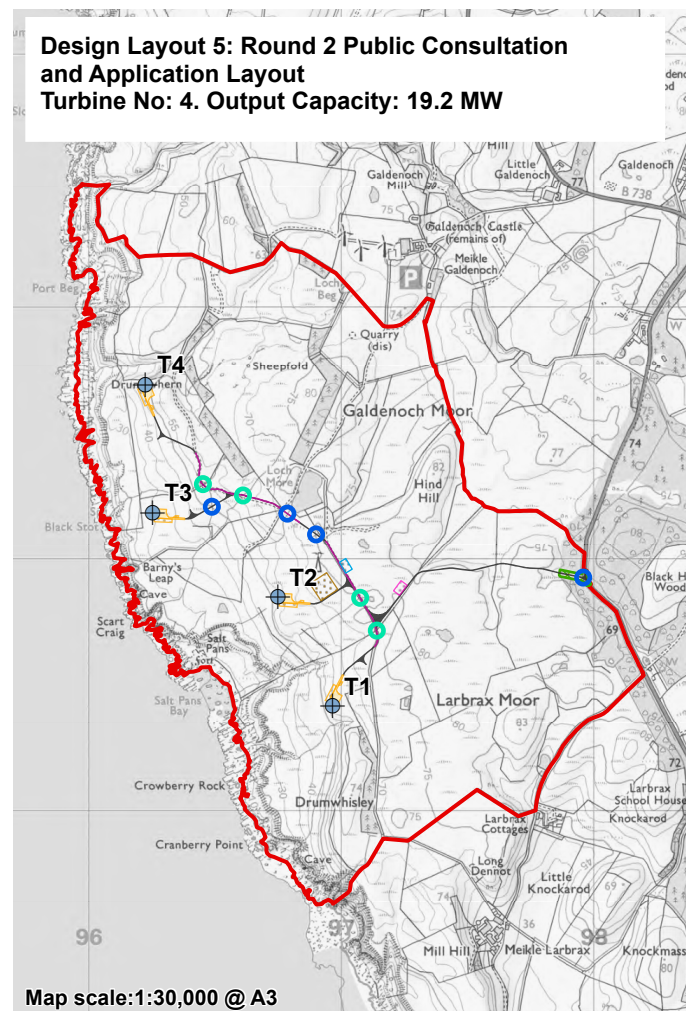
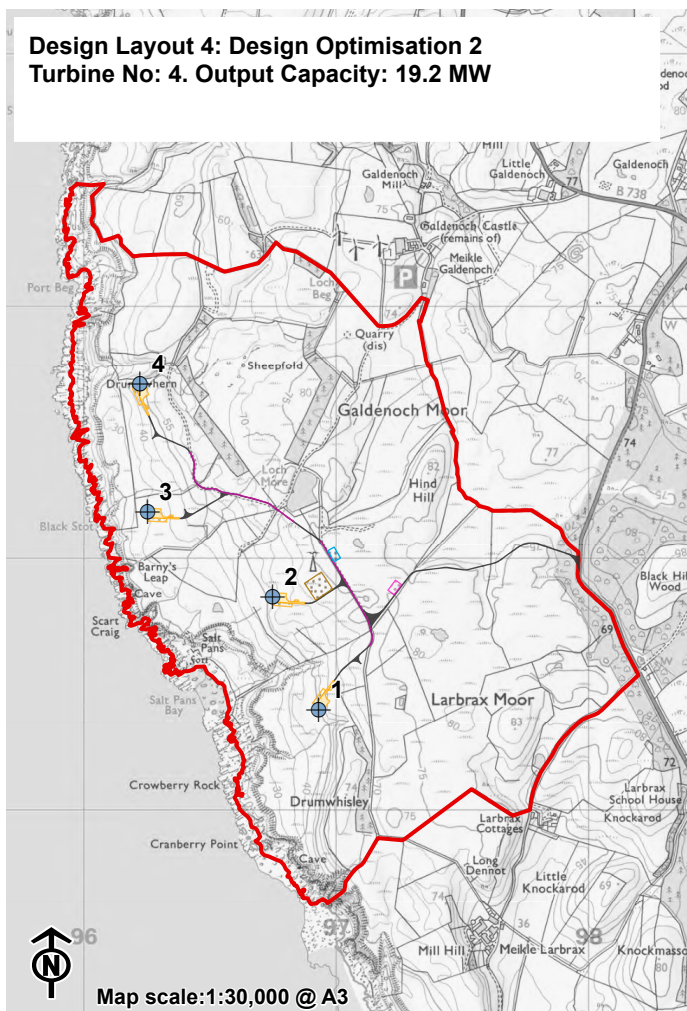
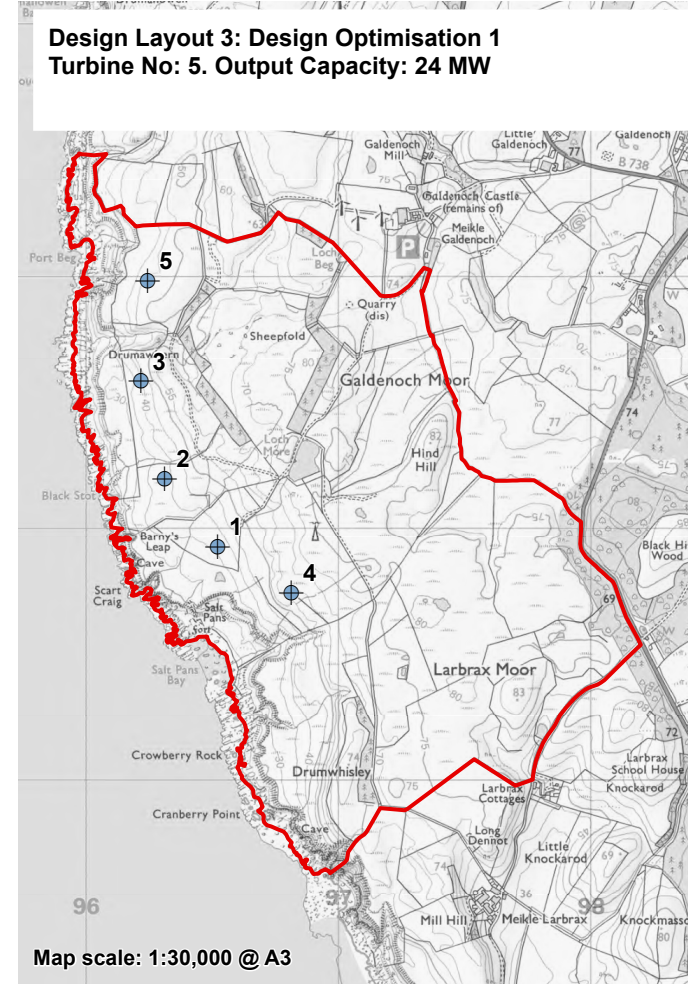
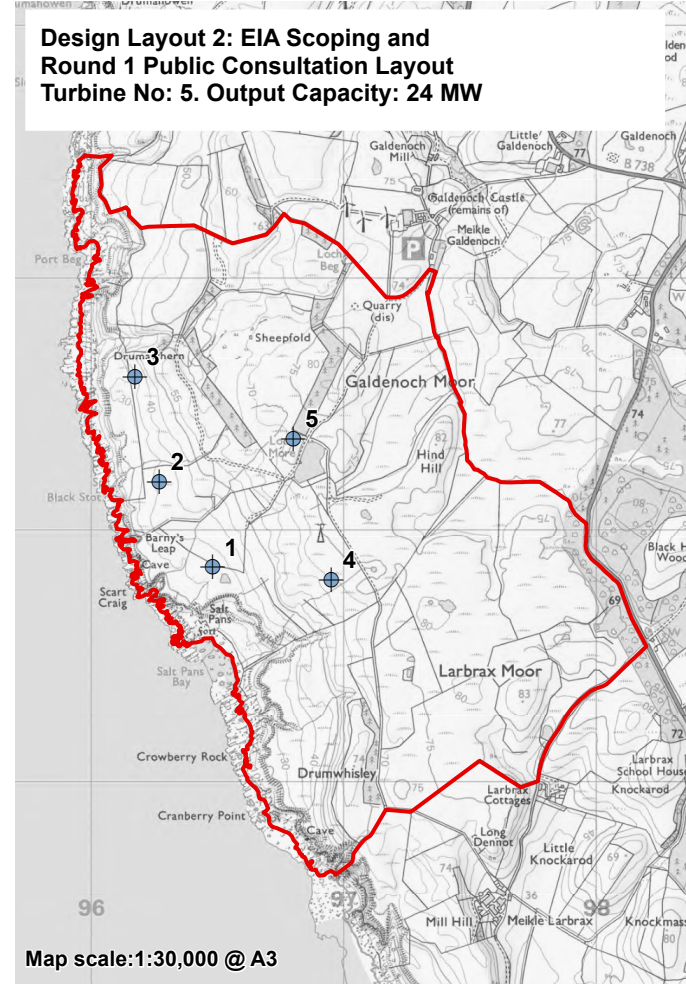
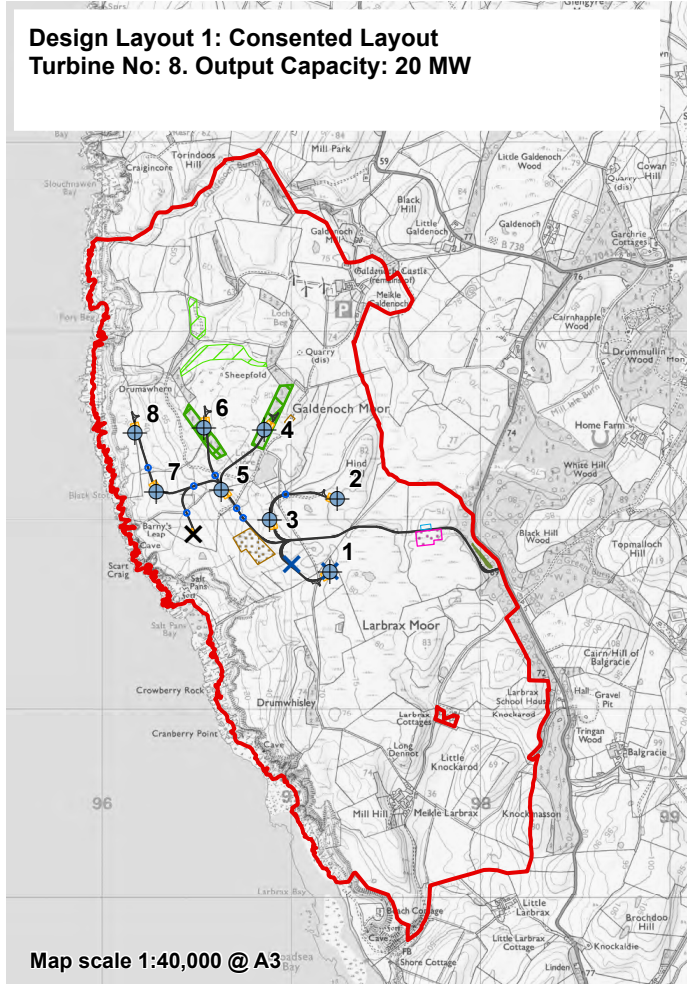


Figure 3.3: Design Layouts 1-5

Design Layout 1

- Site boundary
- Turbine
- Crane pad laydown area
- Borrow pit
- Construction compound
- Substation
- Water crossing
- Permanent met mast
- Power performance mast
- Site access tracks
- Proposed compensatory planting area
- Proposed felling area
- Broad-leaved woodland planting area

Design Layouts 2-3

- Site boundary
- Turbine

Design Layout 4

- Site boundary
- Turbine
- Hardstanding permanent
- Hardstanding temporary
- Temporary borrow pit
- Temporary construction compound
- Substation/battery storage
- Track to be upgraded
- Proposed new track/access junction

Design Layout 5

- Site boundary
- Turbine
- Hardstanding temporary
- Hardstanding permanent
- Temporary borrow pit
- Temporary construction compound
- Substation/battery storage
- Track to be upgraded
- Proposed new track/access junction
- Tree/scrub removal
- New watercourse crossing
- Existing (upgraded) watercourse crossing