

A green icon consisting of two right-pointing chevrons.

Coille Linne Wind Farm

Environmental Impact Assessment Report
Volume 2: Figures

Energiekontor UK Ltd

June 2025

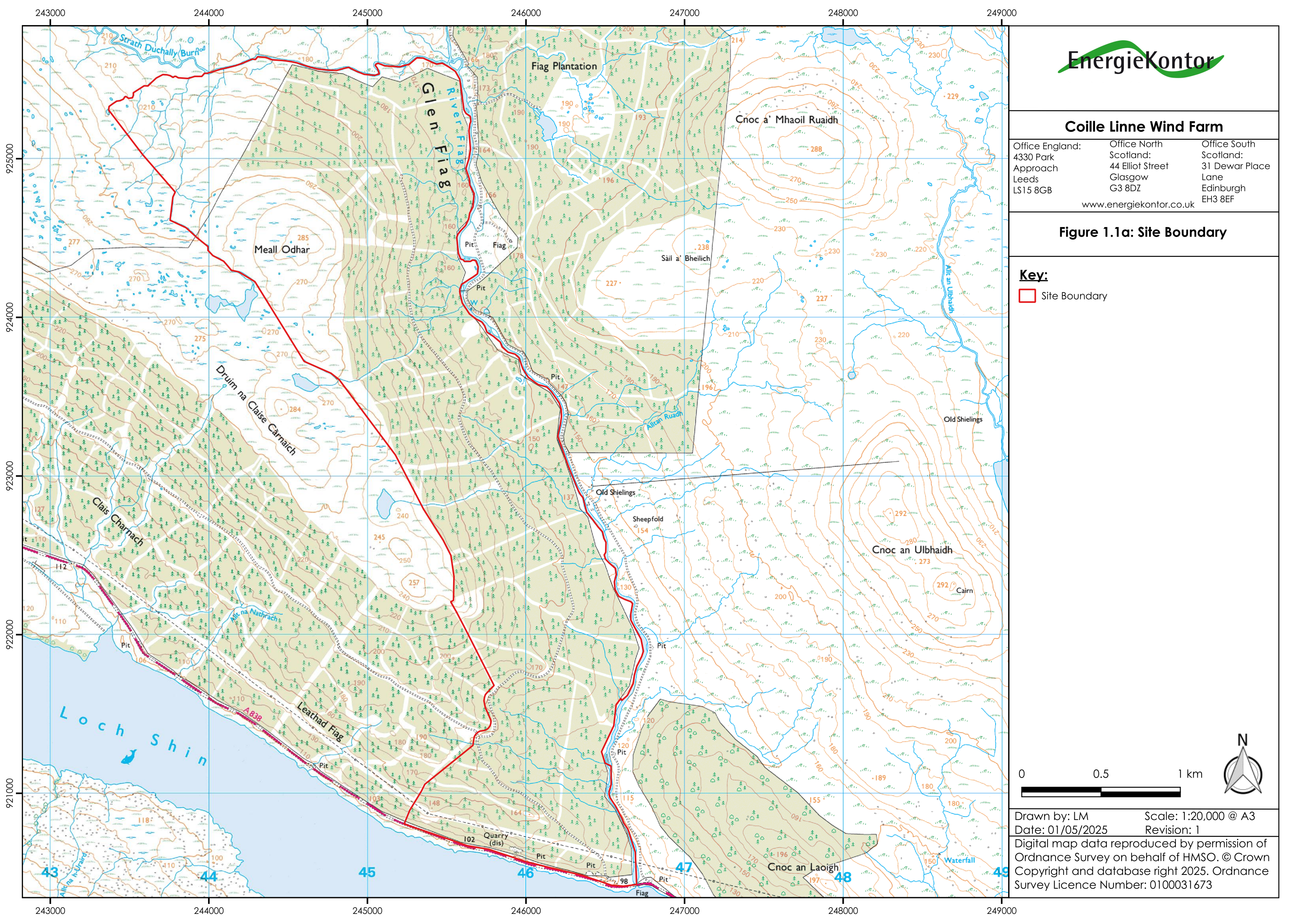
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Figure 1.1a: Site Boundary

Key:
[Red outline] Site Boundary

0 0.5 1 km



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Figure 1.1b: Access Boundaries

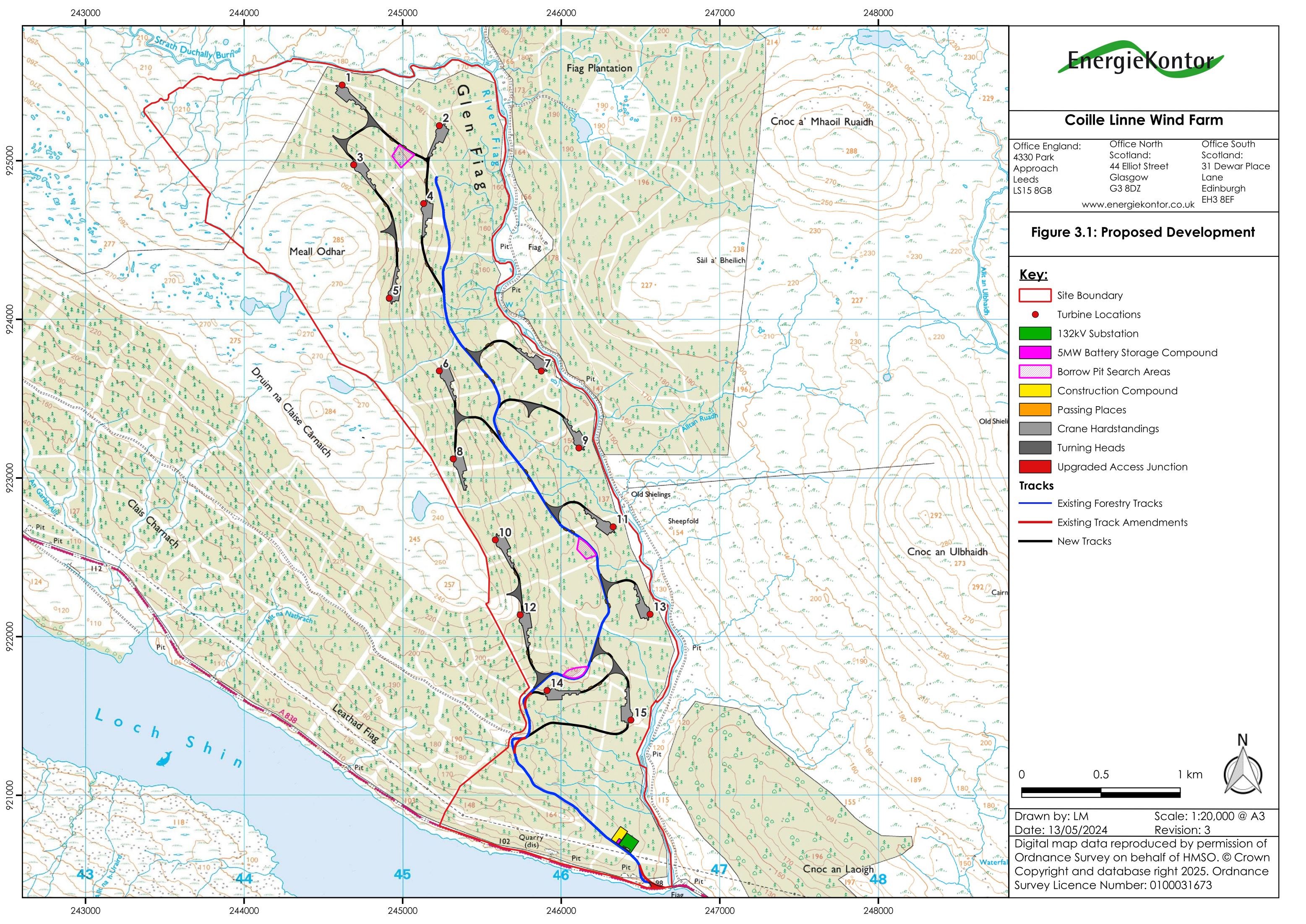
Key:
□ Access Boundaries

0 25 50 m



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Figure 3.1: Proposed Development

- Key:**
- Site Boundary
 - Turbine Locations
 - 132kV Substation
 - 5MW Battery Storage Compound
 - Borrow Pit Search Areas
 - Construction Compound
 - Passing Places
 - Crane Hardstandings
 - Turning Heads
 - Upgraded Access Junction
- Tracks**
- Existing Forestry Tracks
 - Existing Track Amendments
 - New Tracks

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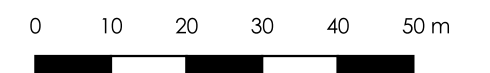
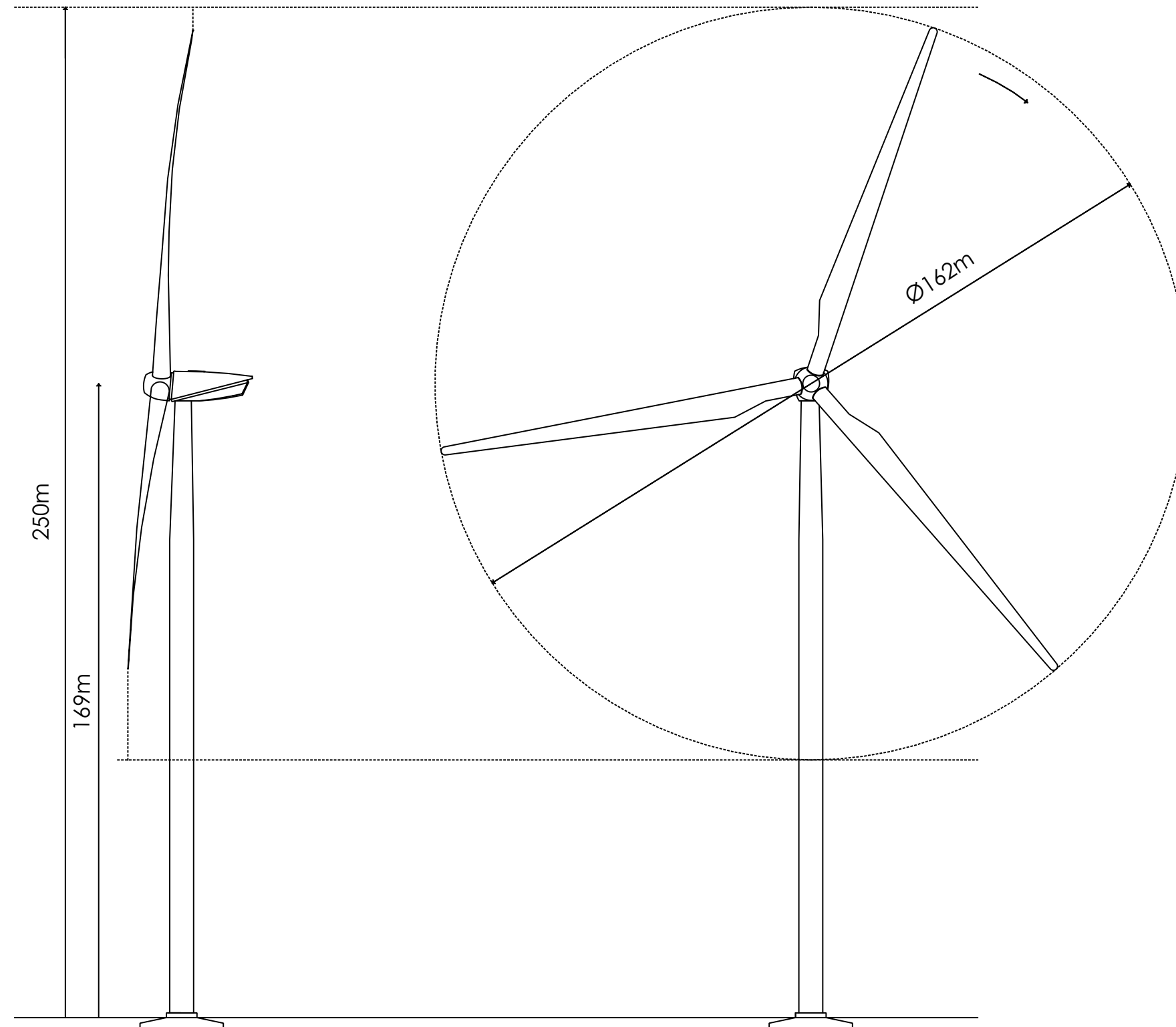
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Figure 3.2:
Typical Turbine Elevation (250m)

NOTES:

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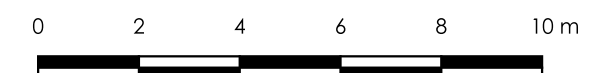
Figure 3.3: Typical Turbine Foundations

KEY:

- Turbine Base
- Area accessible to Vehicles
- Assumed Foundation
- Ramp
- Hardstanding
- Undisturbed ground
- Infill
- Selected Top soil

NOTES:

For indicative purposes only



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Hardstanding

Ramp

Area accessible
to vehicles

20m

4m

Ramp

max 1.25m

Selected top soil

Selected infill material

Undisturbed ground

Figure 3.4: Typical Track Cross Sections

KEY:

-  Access Track
-  Geotextile Membrane
-  Graded Gravel
-  Subgrade
-  Structural Fill
-  Landscaping
-  Gradient
-  Cable Trench

NOTES:

- Track width will vary depending on turbine choice, local ground conditions and at corners and crossing points.
- The proximity of cable trenches to tracks will vary.
- Landscaping will utilise excavated material where suitable. Spoil management will be in line with best practice.
- Swale design will vary.

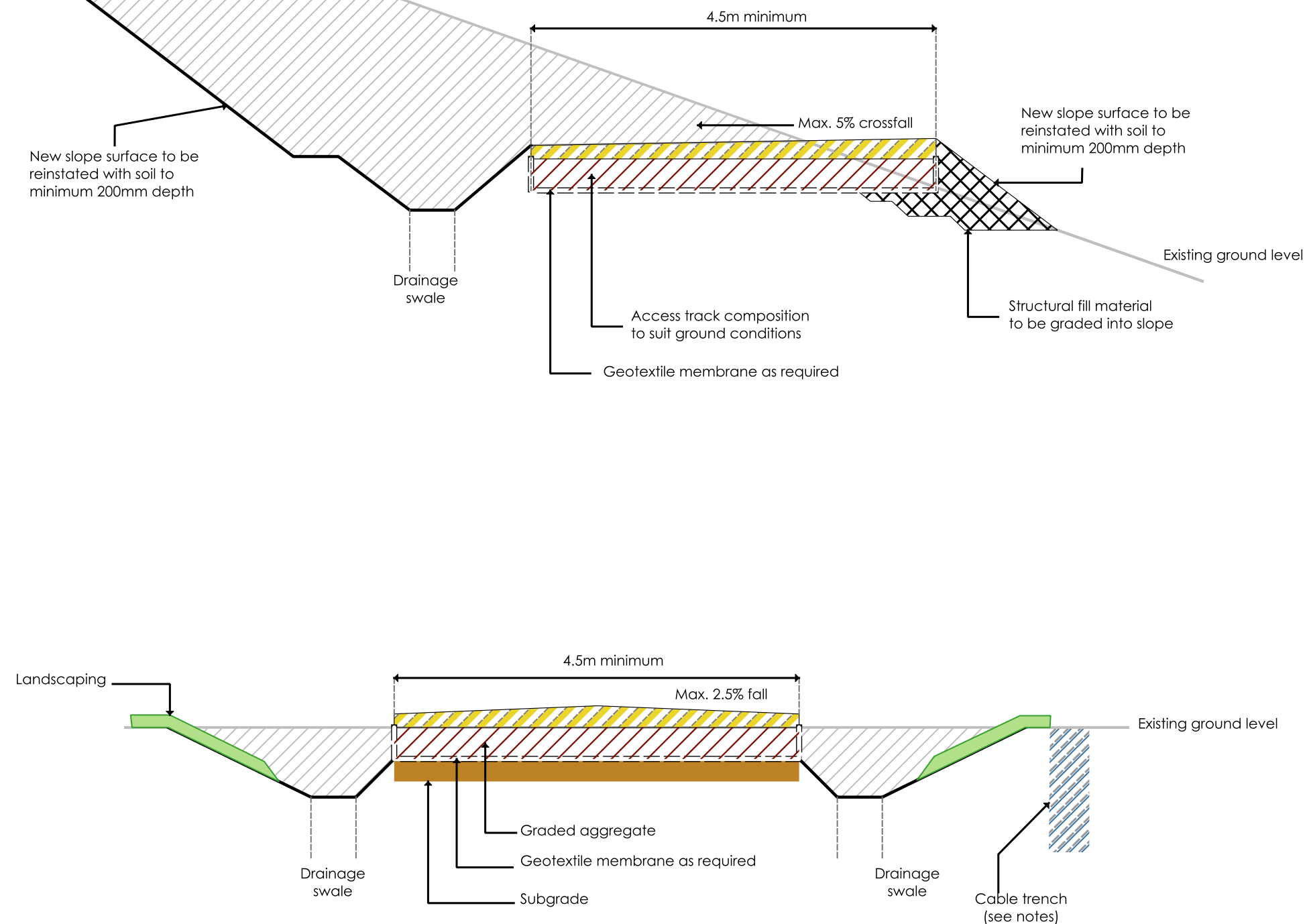
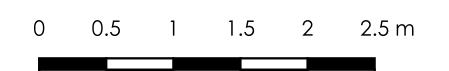
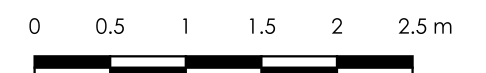
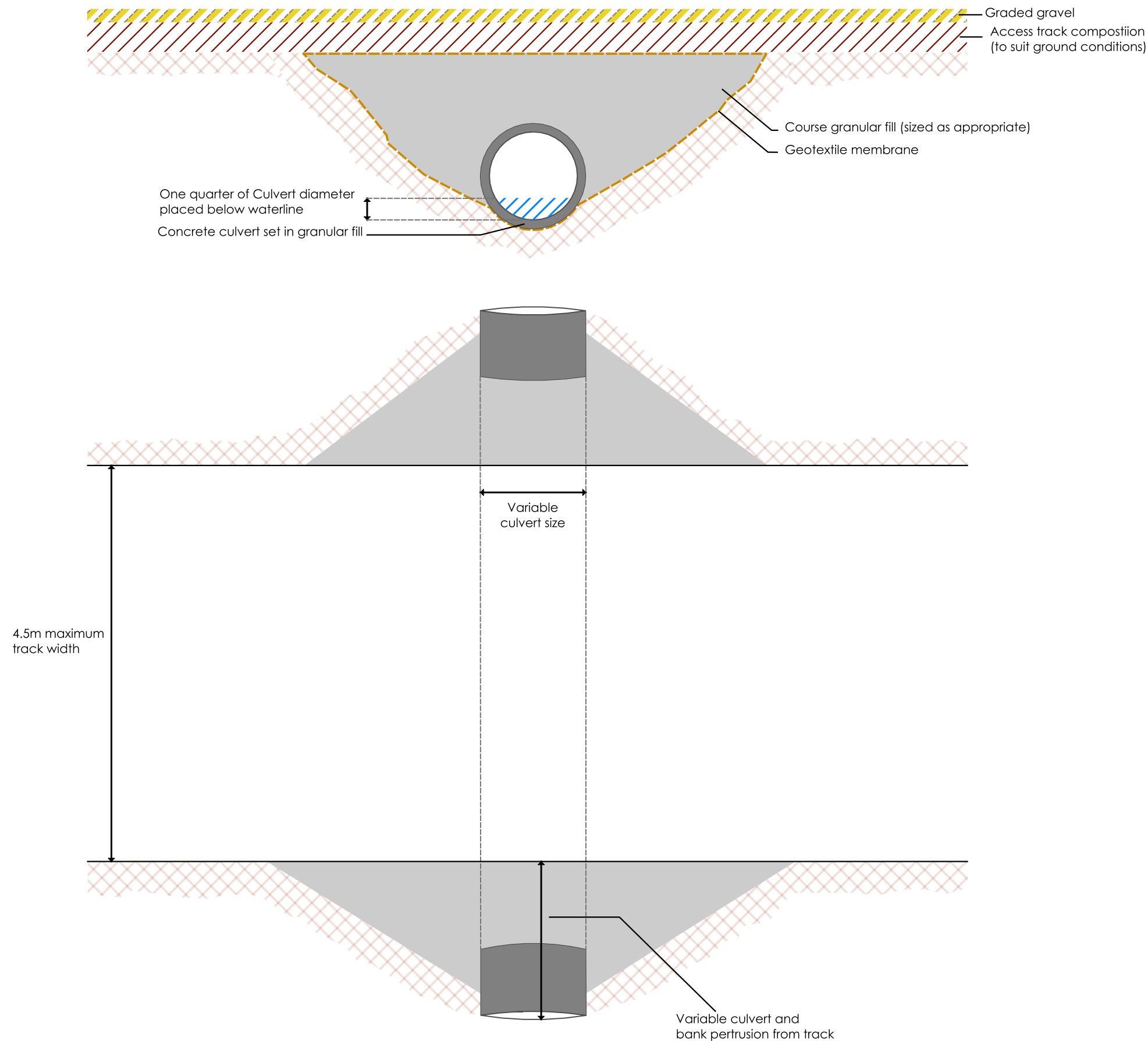


Figure 3.5: Typical Watercourse Crossing

KEY:

-  Geotextile Membrane line
-  Water
-  Culvert
-  Geotextile Membrane
-  Soil
-  Granular Fill
-  Access Track
-  Graded Gravel



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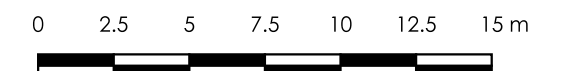
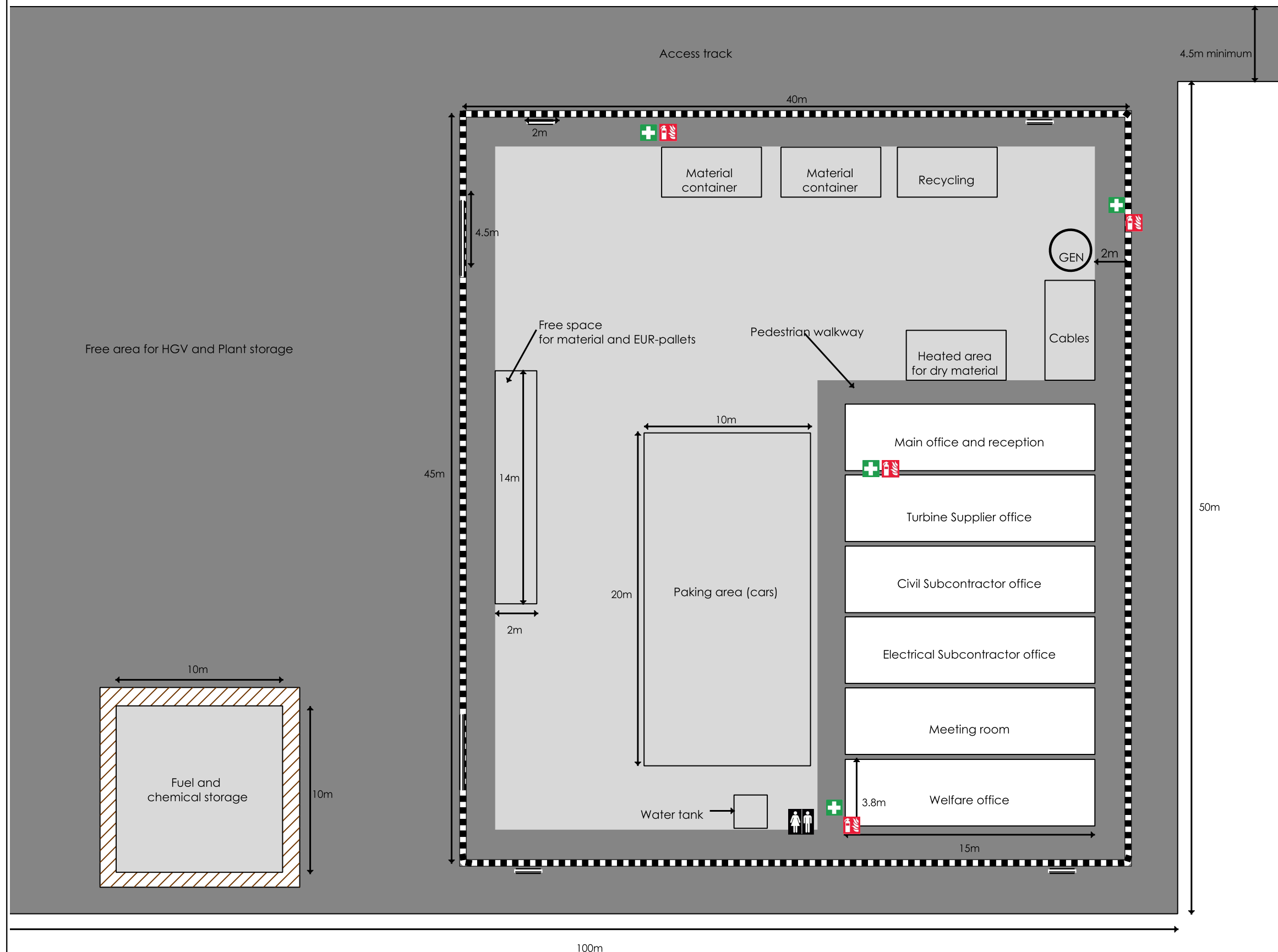
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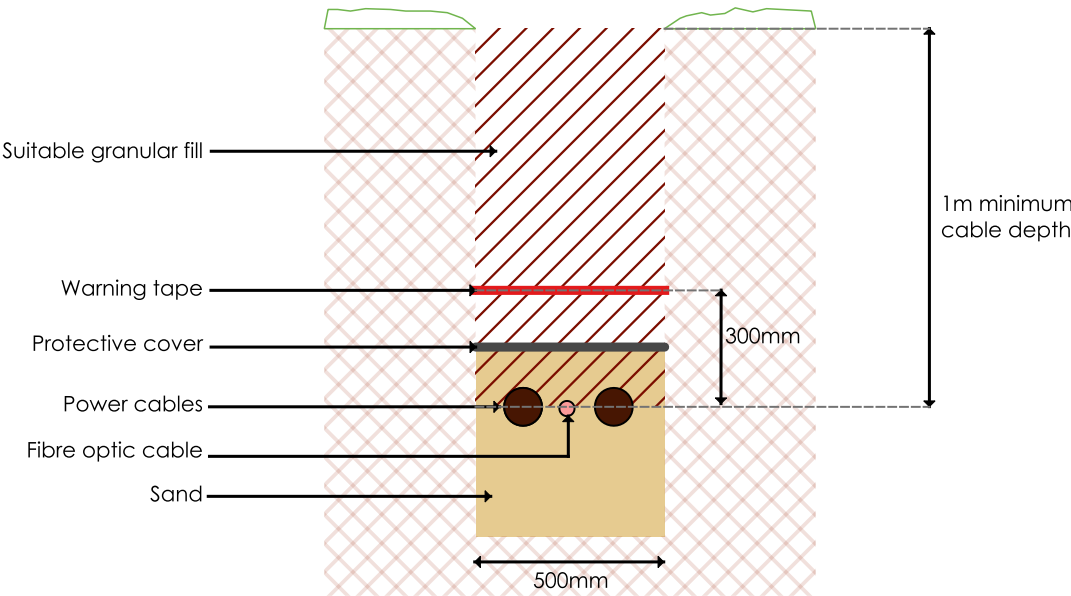
Figure 3.6: Typical Construction Compound

KEY:

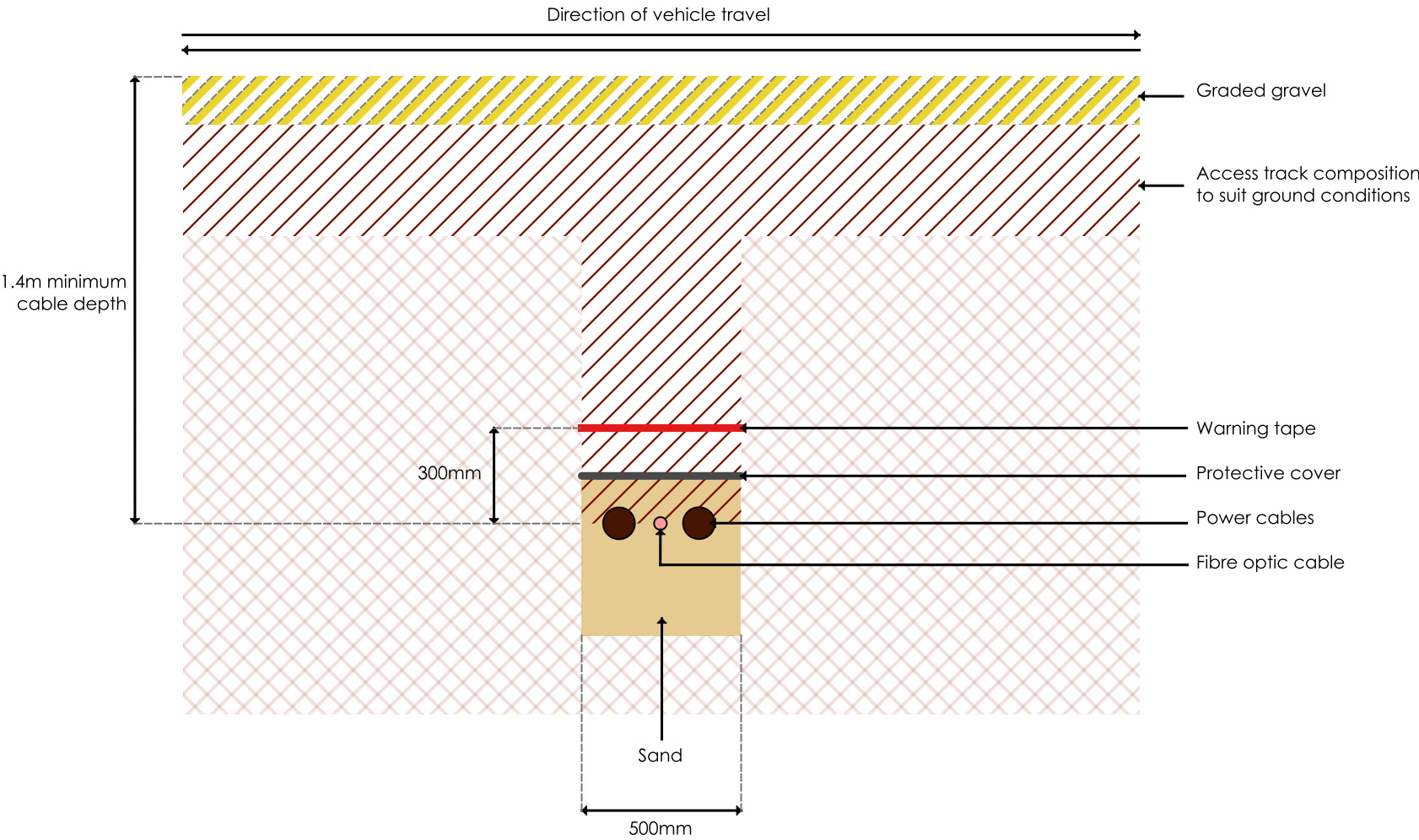
-  GEN
-  Entrance Gates
-  Compound areas
-  Areas for construction compound
-  Bunding
-  Perimeter Fence
-  Parking Area
-  Free area



TYPICAL PARALLEL TRENCH



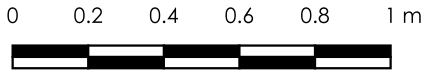
TYPICAL PARALLEL TRENCH



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Figure 3.8: Typical Cable Trench Design





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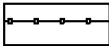
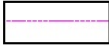
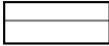
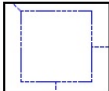
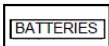
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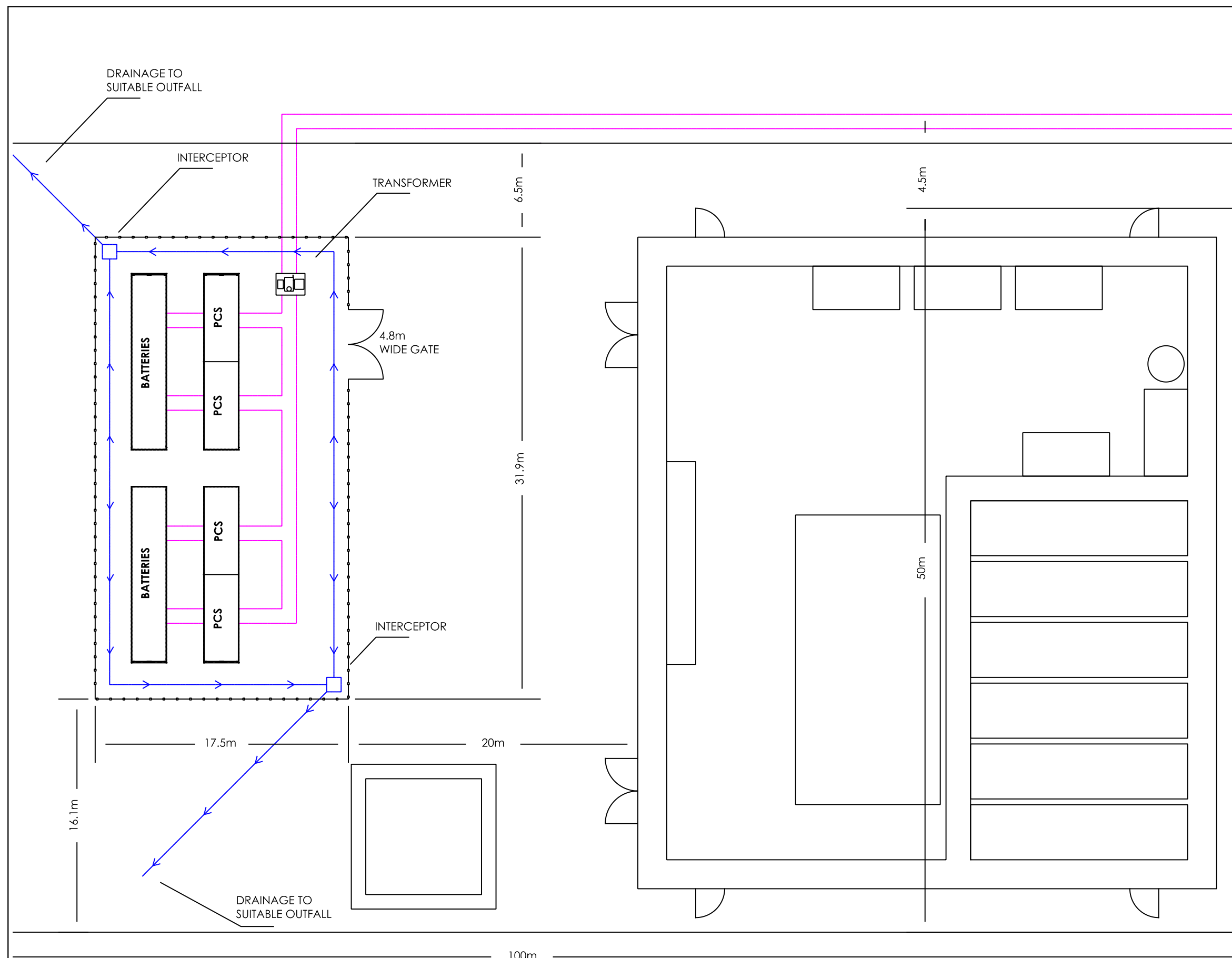
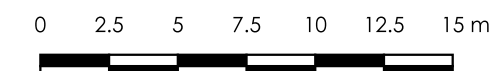
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Figure 3.9:
Typical Battery Storage Compound Plan

KEY:

-  GALVANISED STEEL PALISADE
FENCE 2.4m HIGH
-  CABLE TRENCH
-  WIND FARM TEMPORARY
CONSTRUCTION COMPOUND
-  PERIMETER DRAINAGE
MIN. 100mm Ø, LAID AT 1:100 FALL
(ARROW SHOWS FALL DIRECTION)
-  PROPRIETARY INTERCEPTOR
-  BATTERY CONTAINERS
FOUNDATIONS TO INCORPORATE
INTEGRAL BUNDING

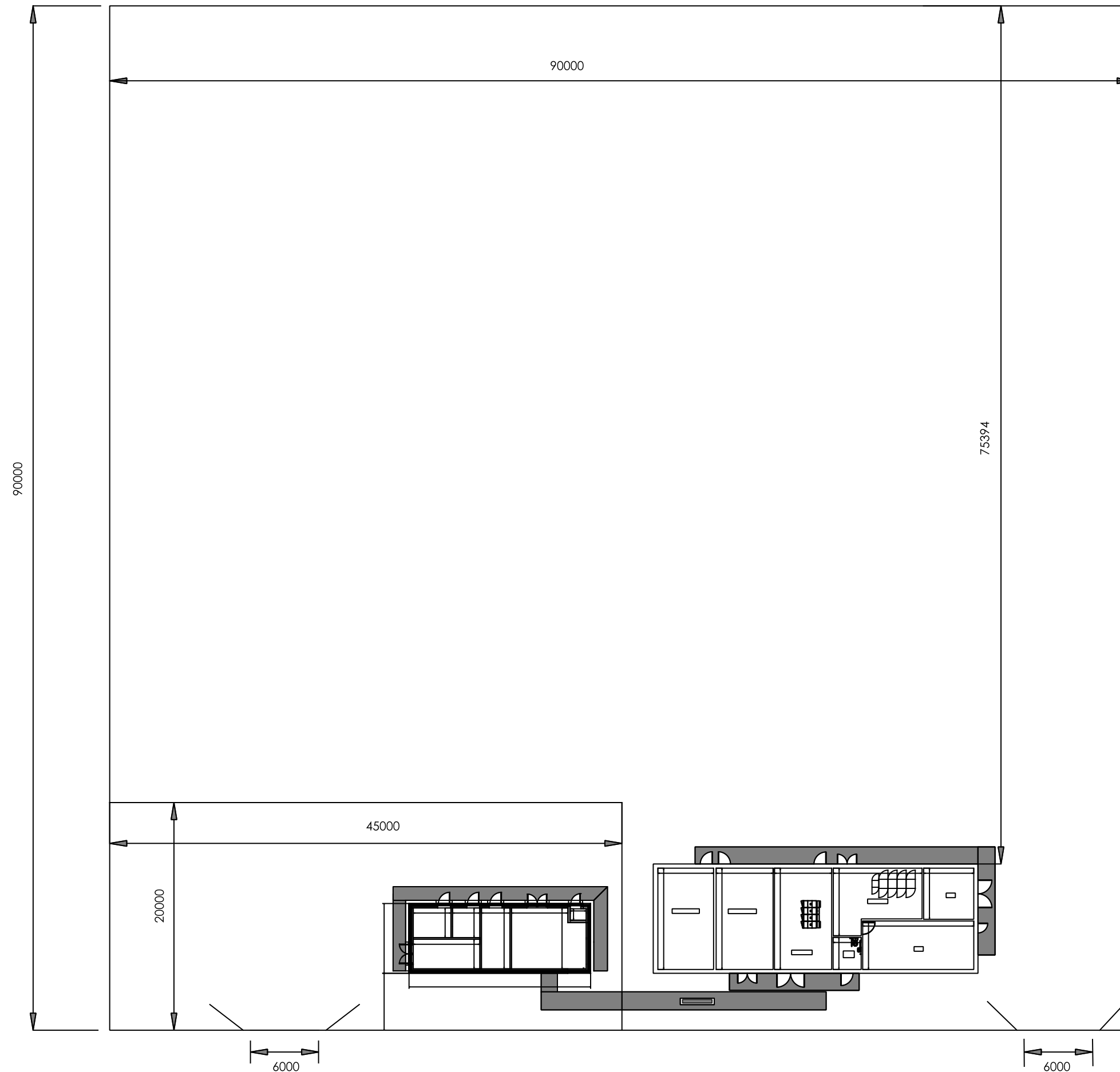




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Figure 3.10: Typical 132kV Substation & Compound



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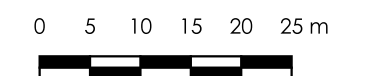
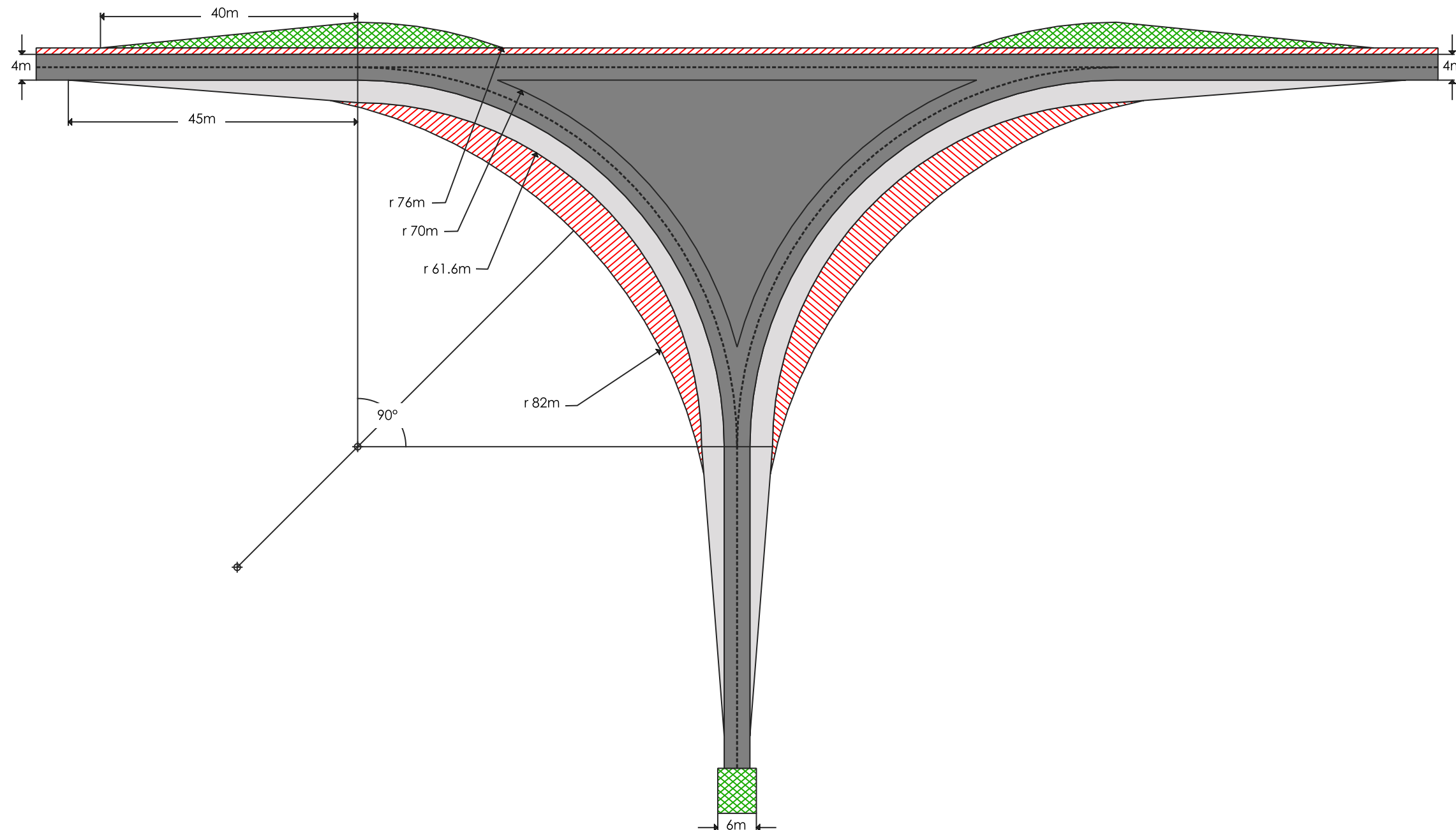
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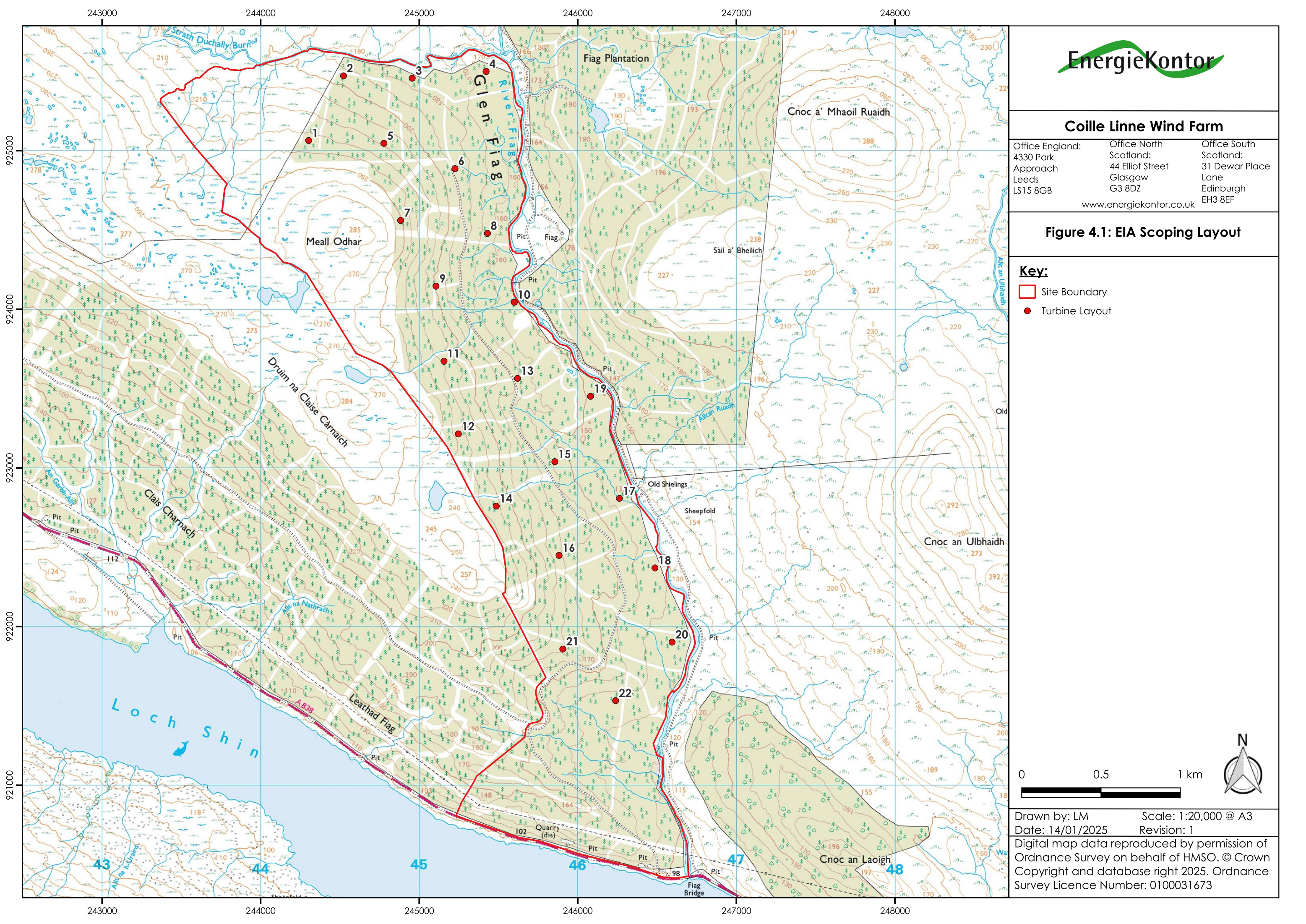
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Figure 3.11: Typical Turning Head

KEY:

-  Outer slewing area / rotor blade projection
1.00 m above ground level
-  Inner slewing area + clearance profile /
tower section projection 0.20 m
above
ground level
-  Roadway/roadway extension = ground level
-  Roadway/roadway extension = ground level





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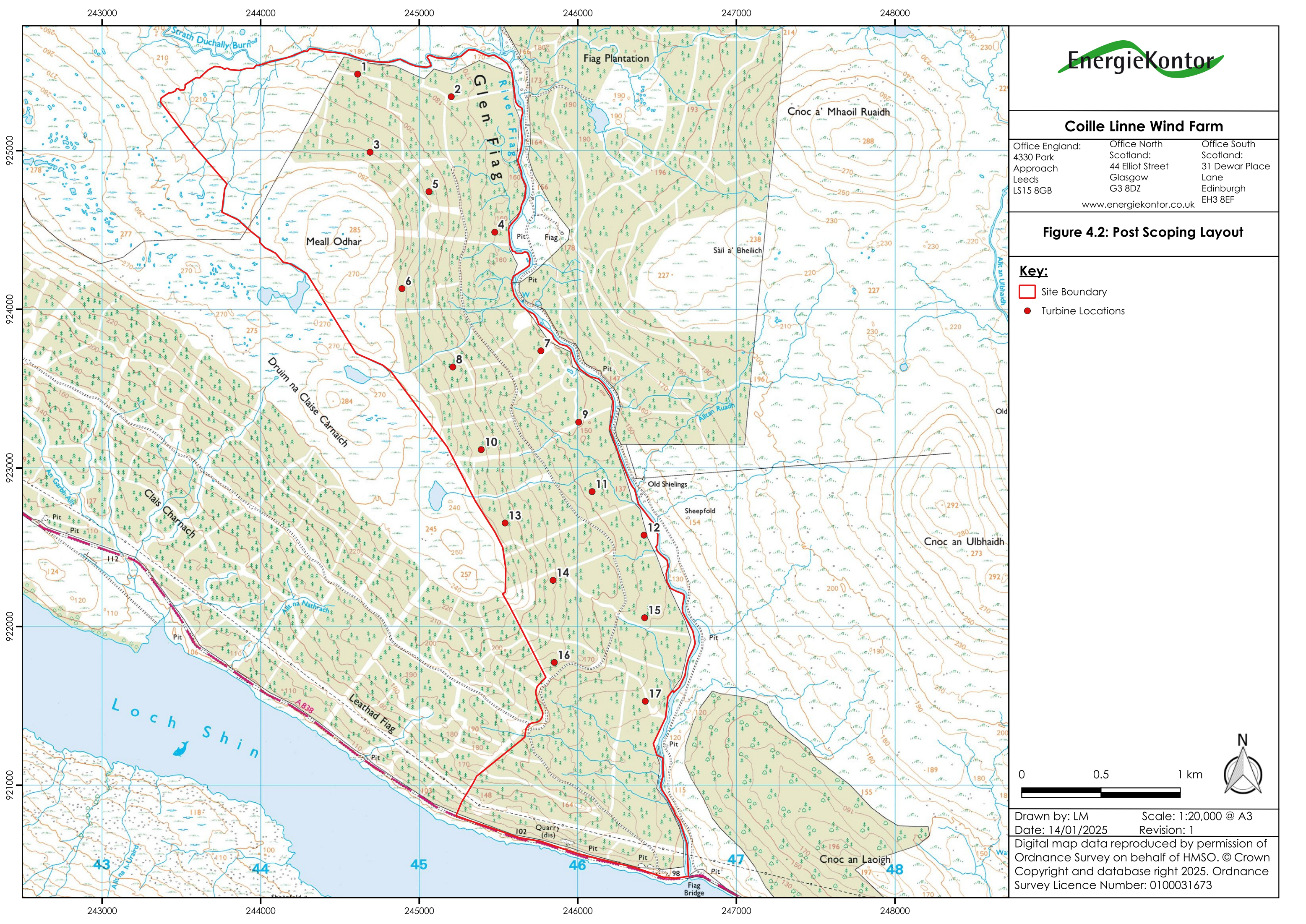
Figure 4.1: EIA Scoping Layout

- Key:**
- Site Boundary
 - Turbine Layout



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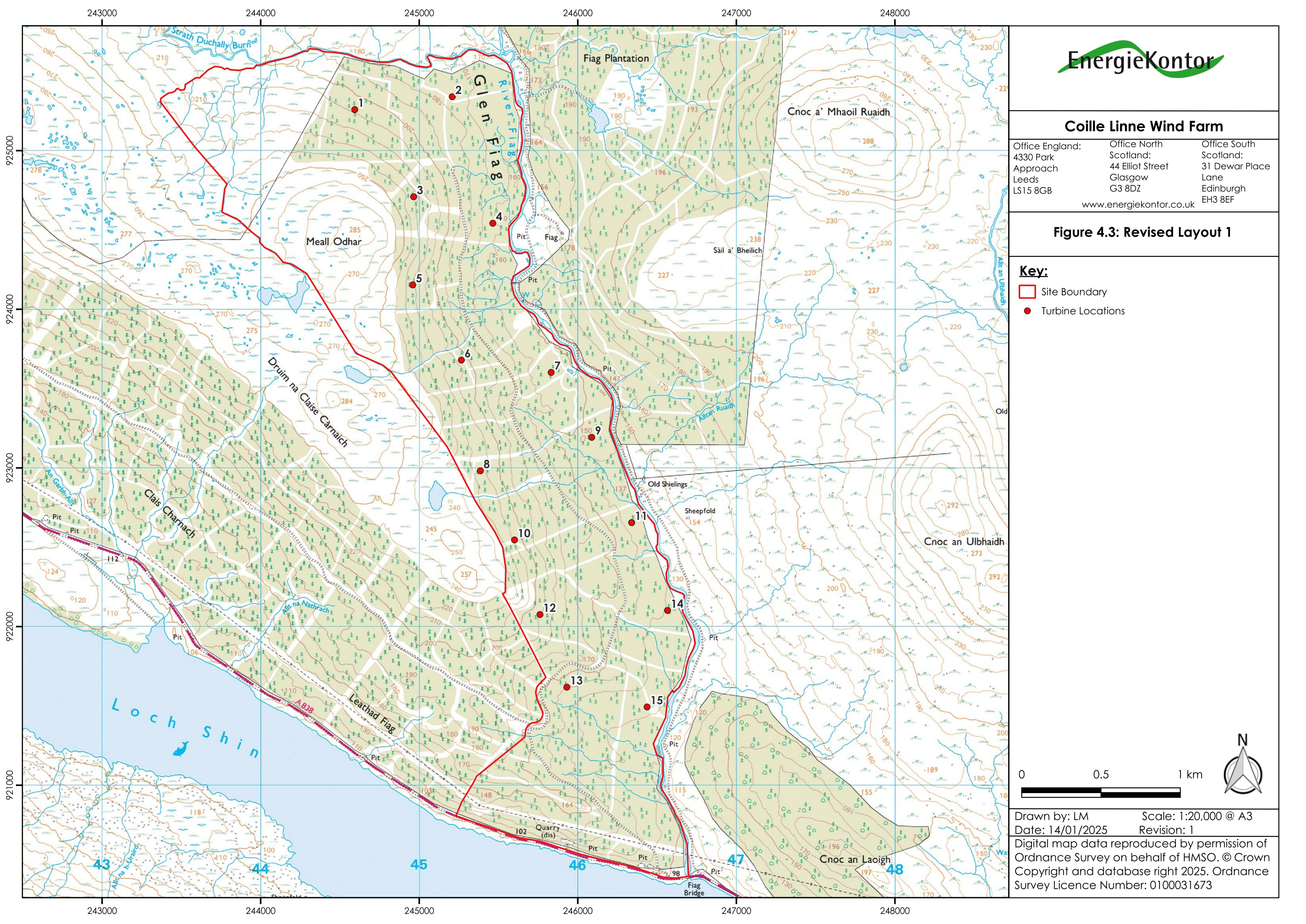
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Figure 4.2: Post Scoping Layout

- Key:**
- Site Boundary
 - Turbine Locations



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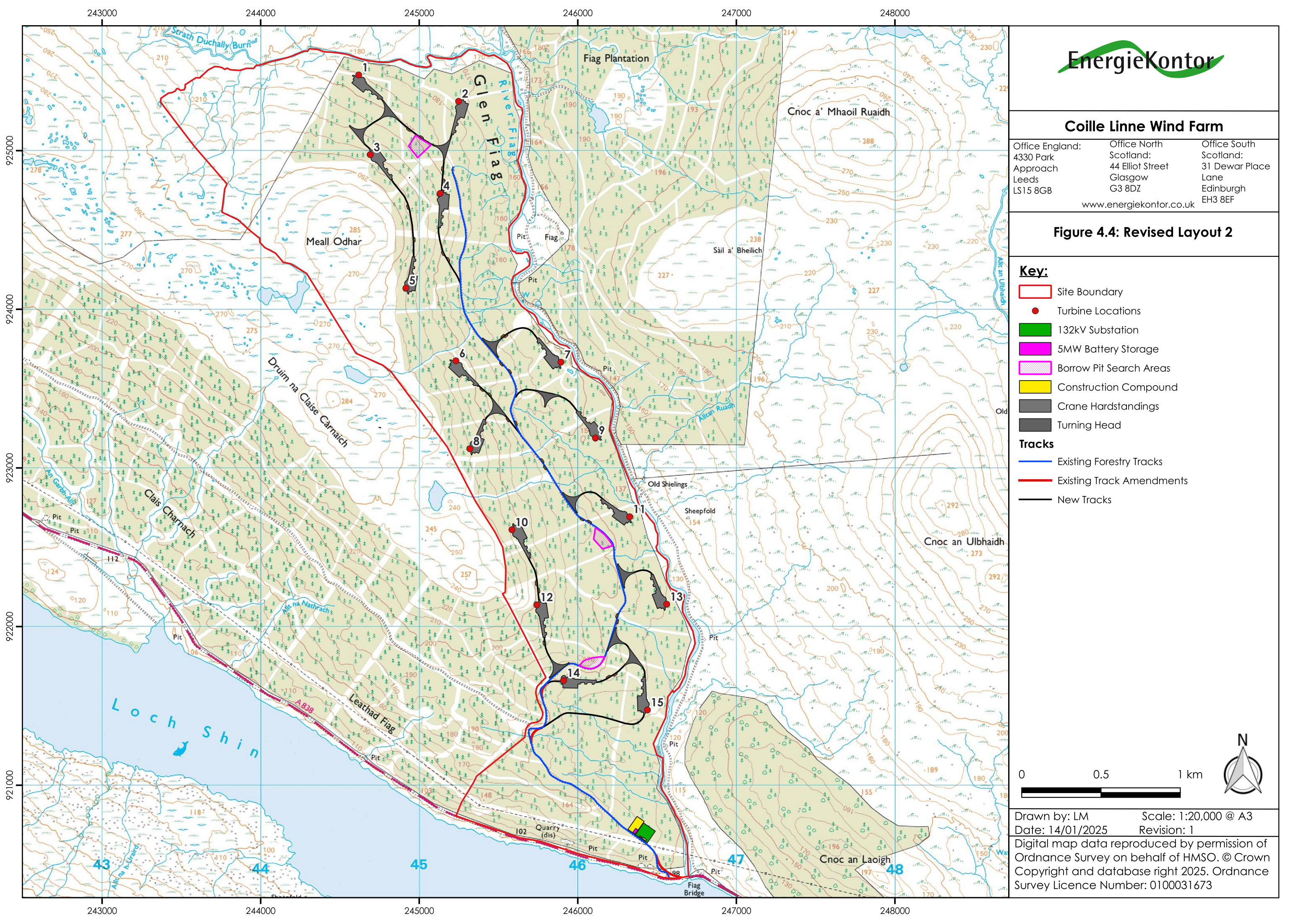
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Figure 4.3: Revised Layout 1

Key:

-  Site Boundary
-  Turbine Locations

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Figure 4.4: Revised Layout 2

Key:

- Site Boundary
- Turbine Locations
- 132kV Substation
- 5MW Battery Storage
- Borrow Pit Search Areas
- Construction Compound
- Crane Hardstandings
- Turning Head

Tracks

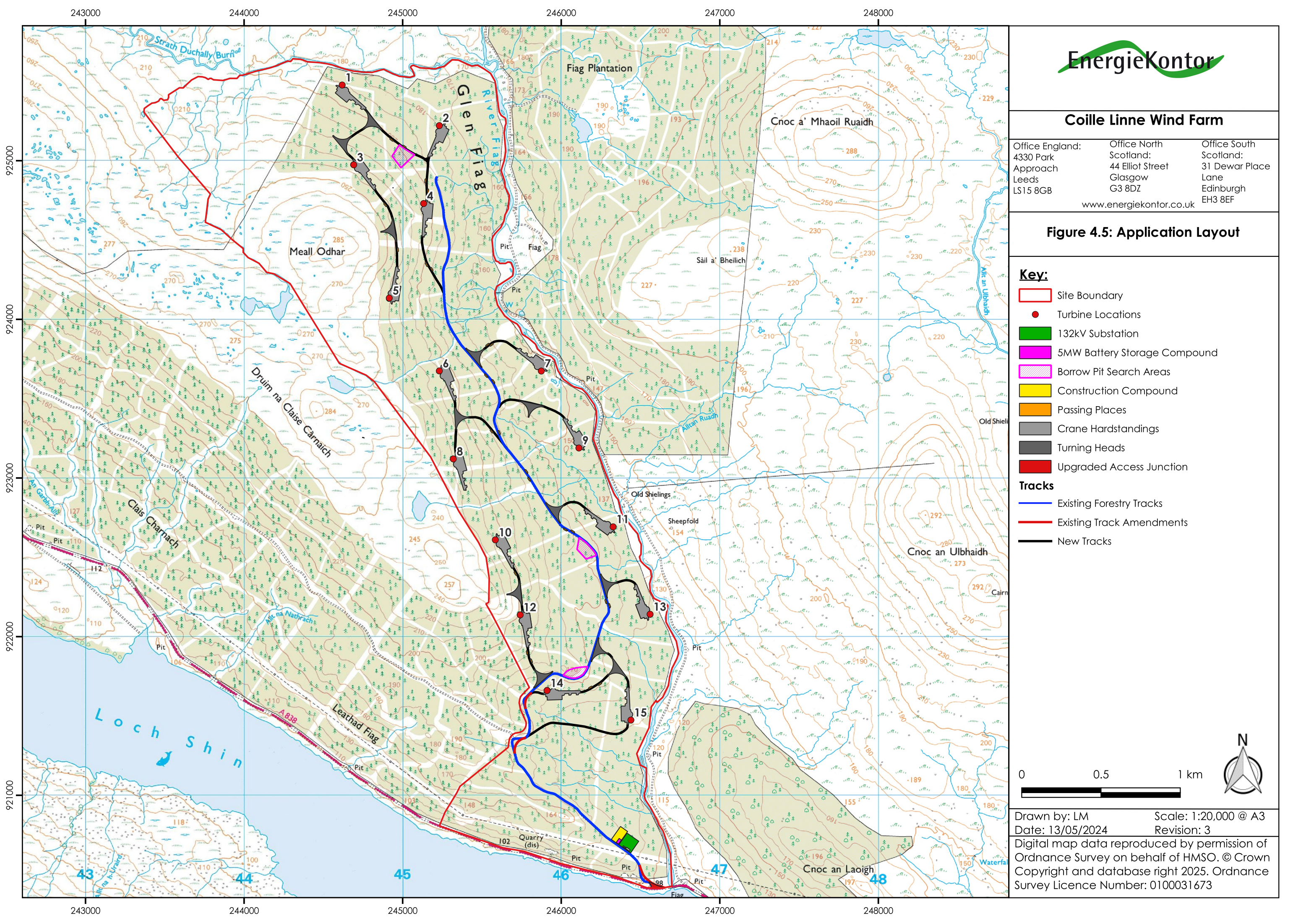
- Existing Forestry Tracks
- Existing Track Amendments
- New Tracks

0 0.5 1 km



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Figure 4.5: Application Layout

- Key:**
- Site Boundary
 - Turbine Locations
 - 132kV Substation
 - 5MW Battery Storage Compound
 - Borrow Pit Search Areas
 - Construction Compound
 - Passing Places
 - Crane Hardstandings
 - Turning Heads
 - Upgraded Access Junction
- Tracks**
- Existing Forestry Tracks
 - Existing Track Amendments
 - New Tracks



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