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Figure 3.1 Proposed Layout

Key:

-  Planning Application Boundary
-  Turbine Positions
-  Proposed Access Tracks
-  Existing track
-  Turbine Foundations
-  Crane Pads
-  Borrow Pits
-  Construction Compound / Battery Storage
-  Substation
-  Keyhole Felling

0 150 300 450 600 750 m



Drawn by: MB Scale:1:15,000 @ A3 Date: 18/12/2020

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Figure 3.2: Typical Turbine Elevation

NOTES:

For indicative purposes only

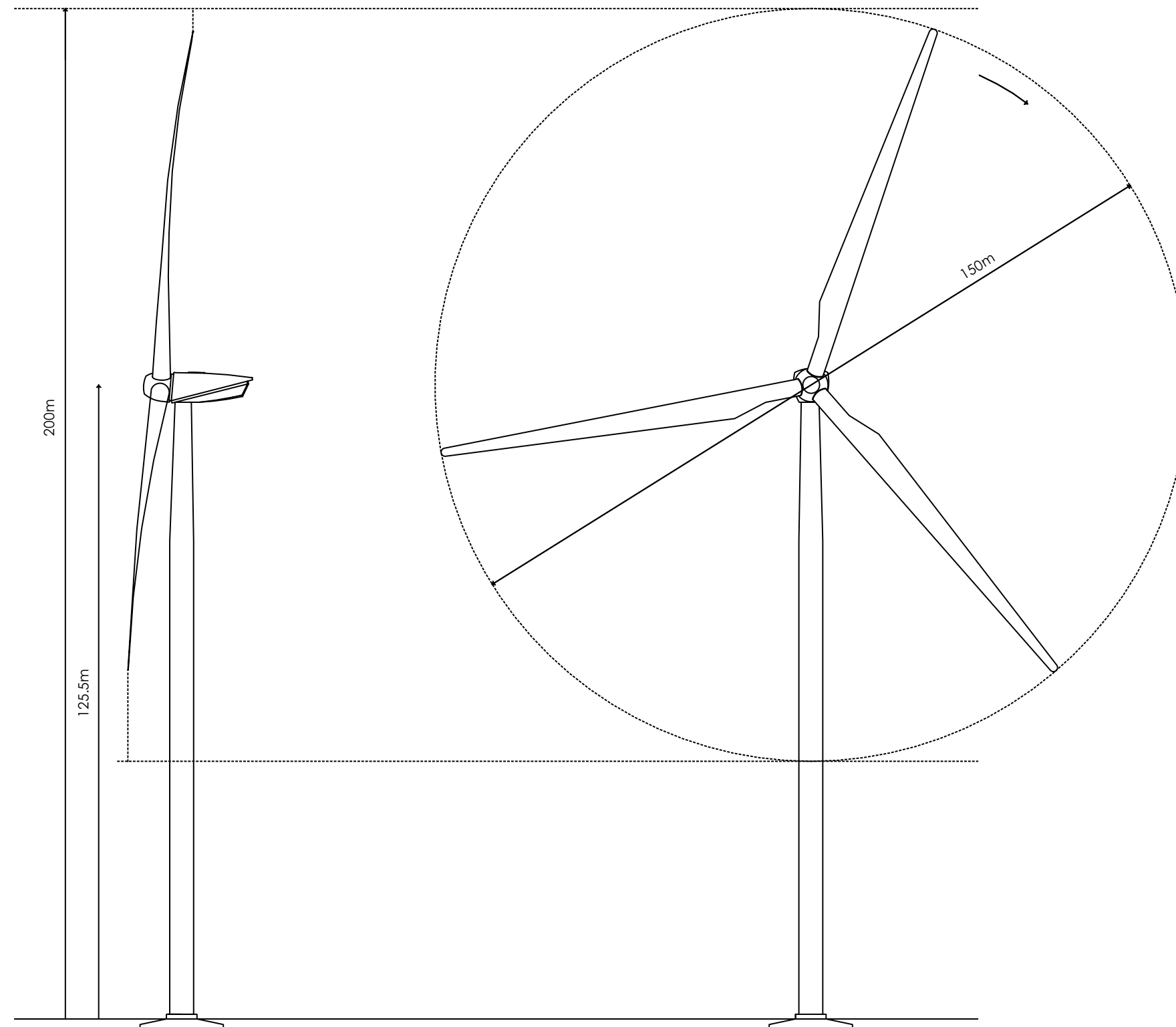


Figure 3.3: Typical Turbine Foundations

KEY:

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

Hardstanding

Ramp

Area accessible
to vehicles

20m

4m

Selected top soil
Selected infill material
Undisturbed ground

Ramp

max 1.1m

NOTES:

For indicative purposes only



Figure 3.4: Typical Track Cross Sections

KEY:

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

NOTES:

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

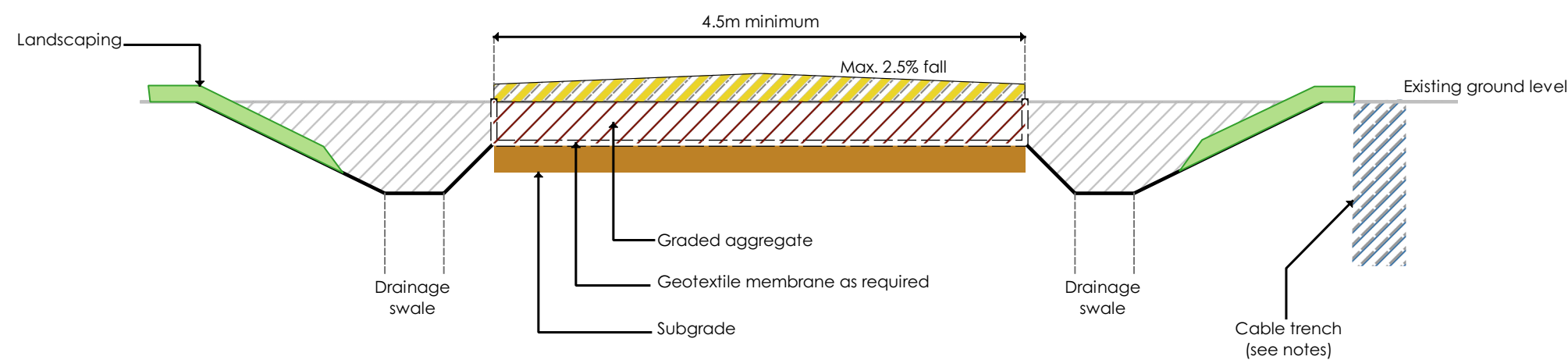
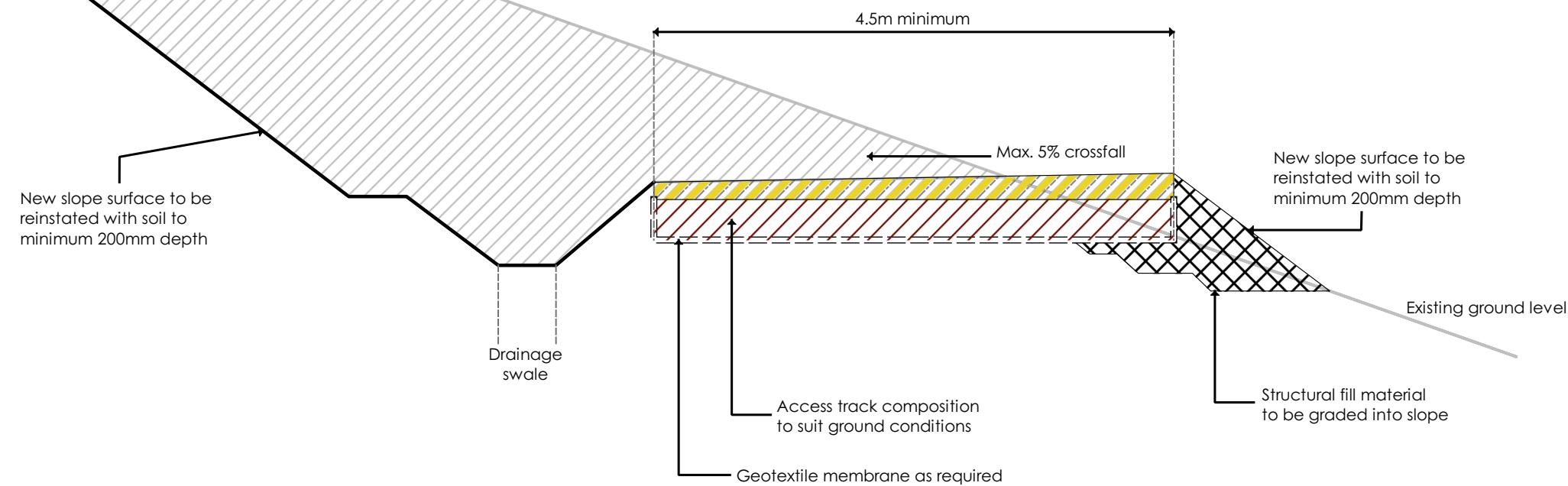
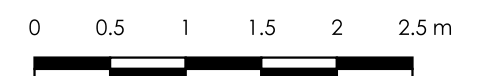
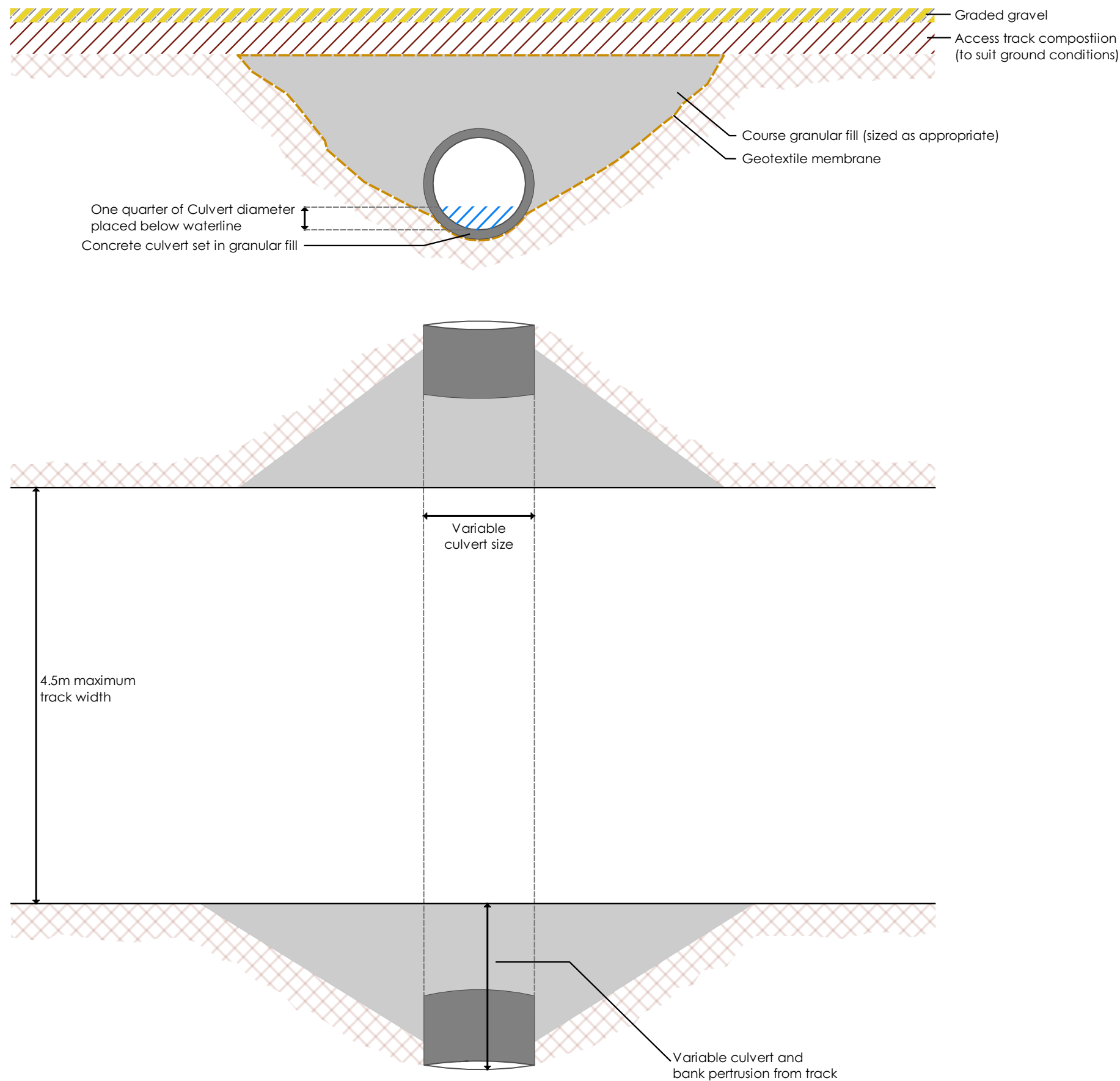


Figure 3.5: Typical Watercourse Corssing

KEY:

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



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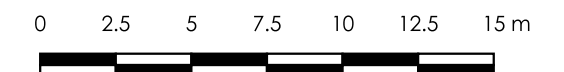
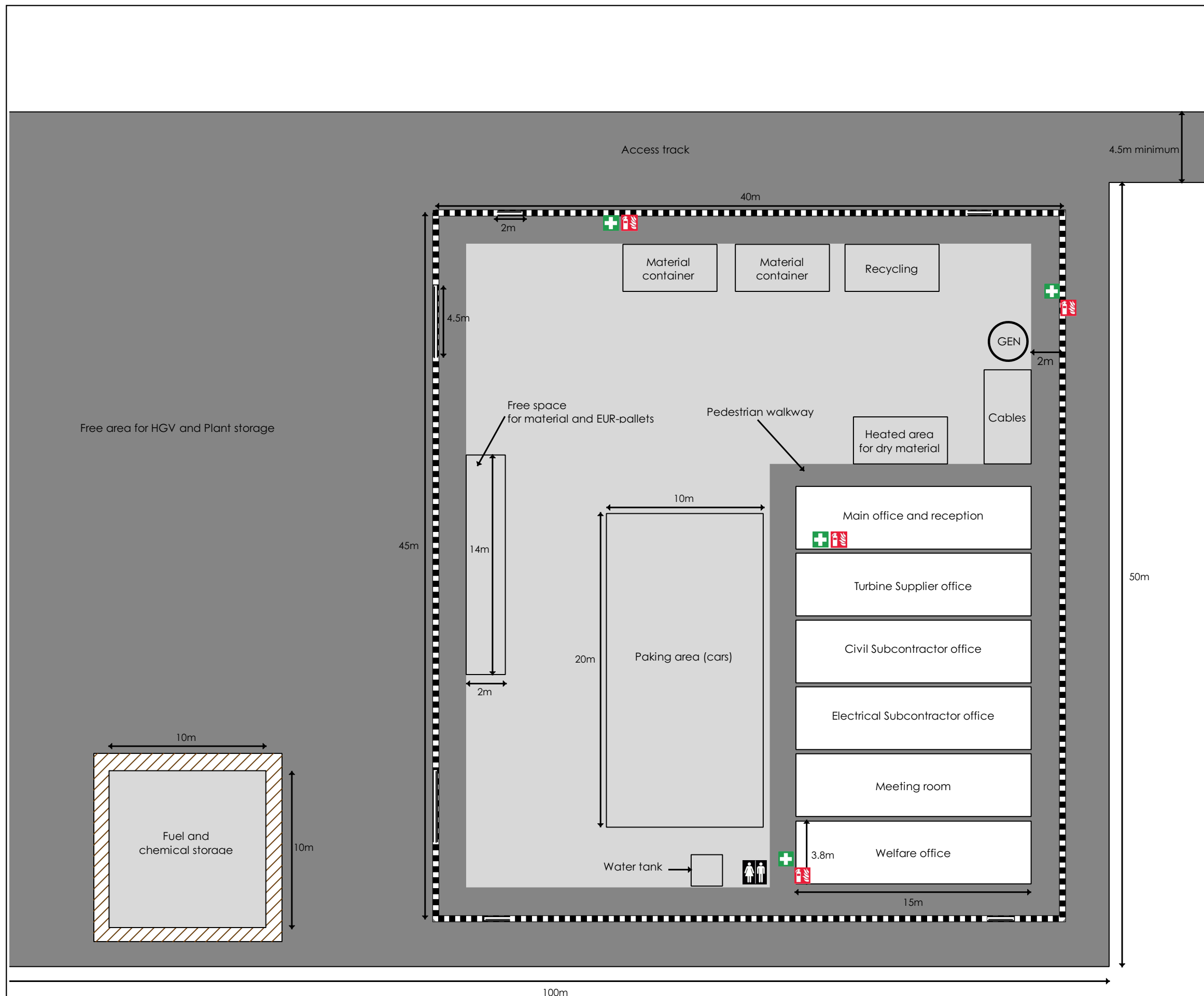
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Figure 3.6: Typical Construction Compound

KEY:

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



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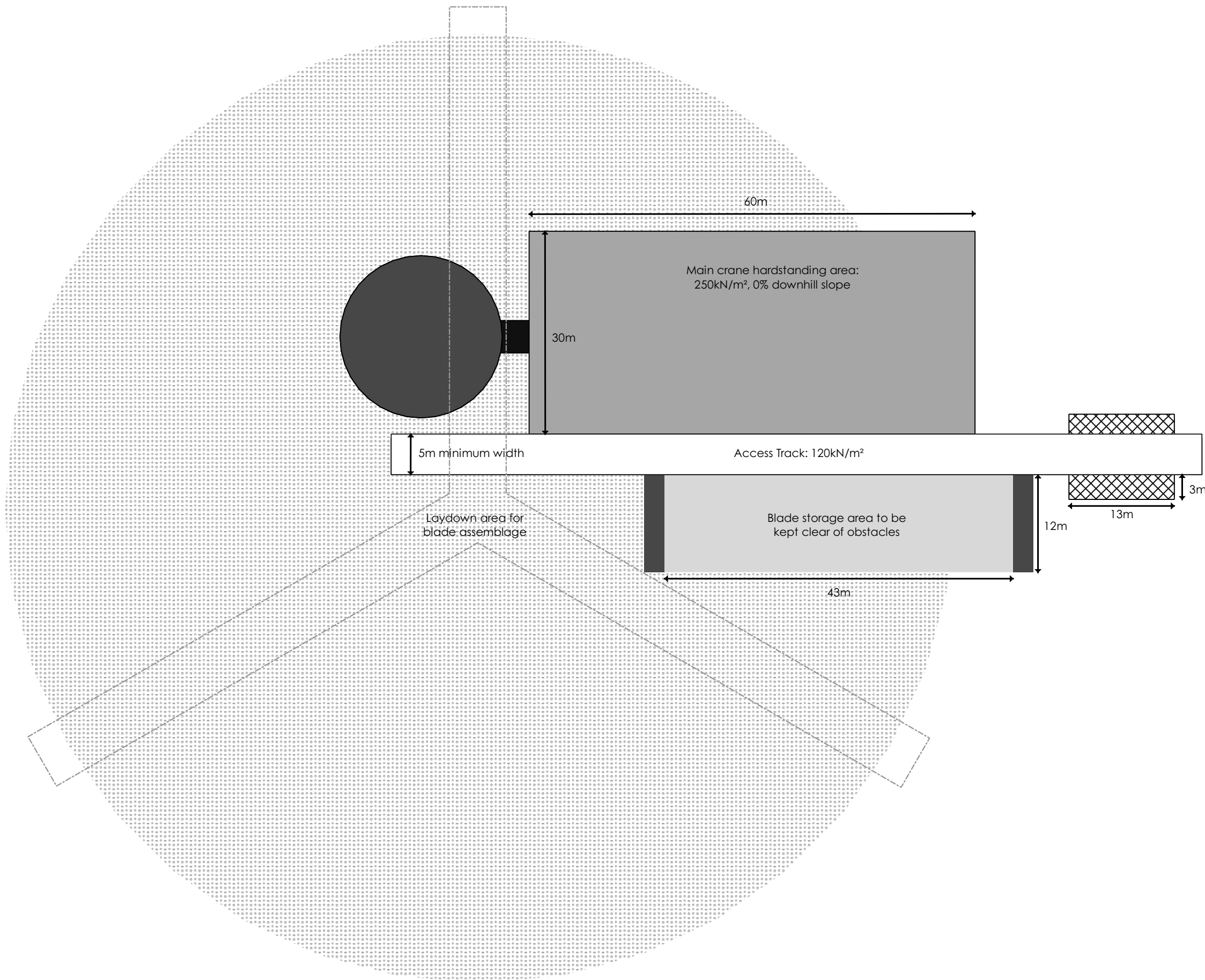
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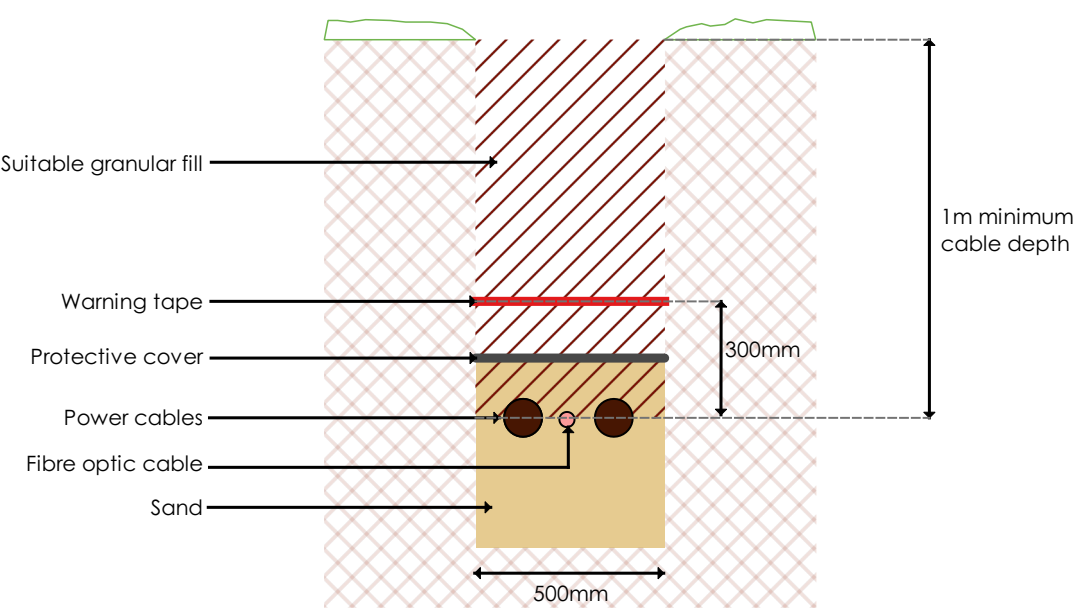
Figure 3.7: Typical Crane Hardstanding

NOTES:

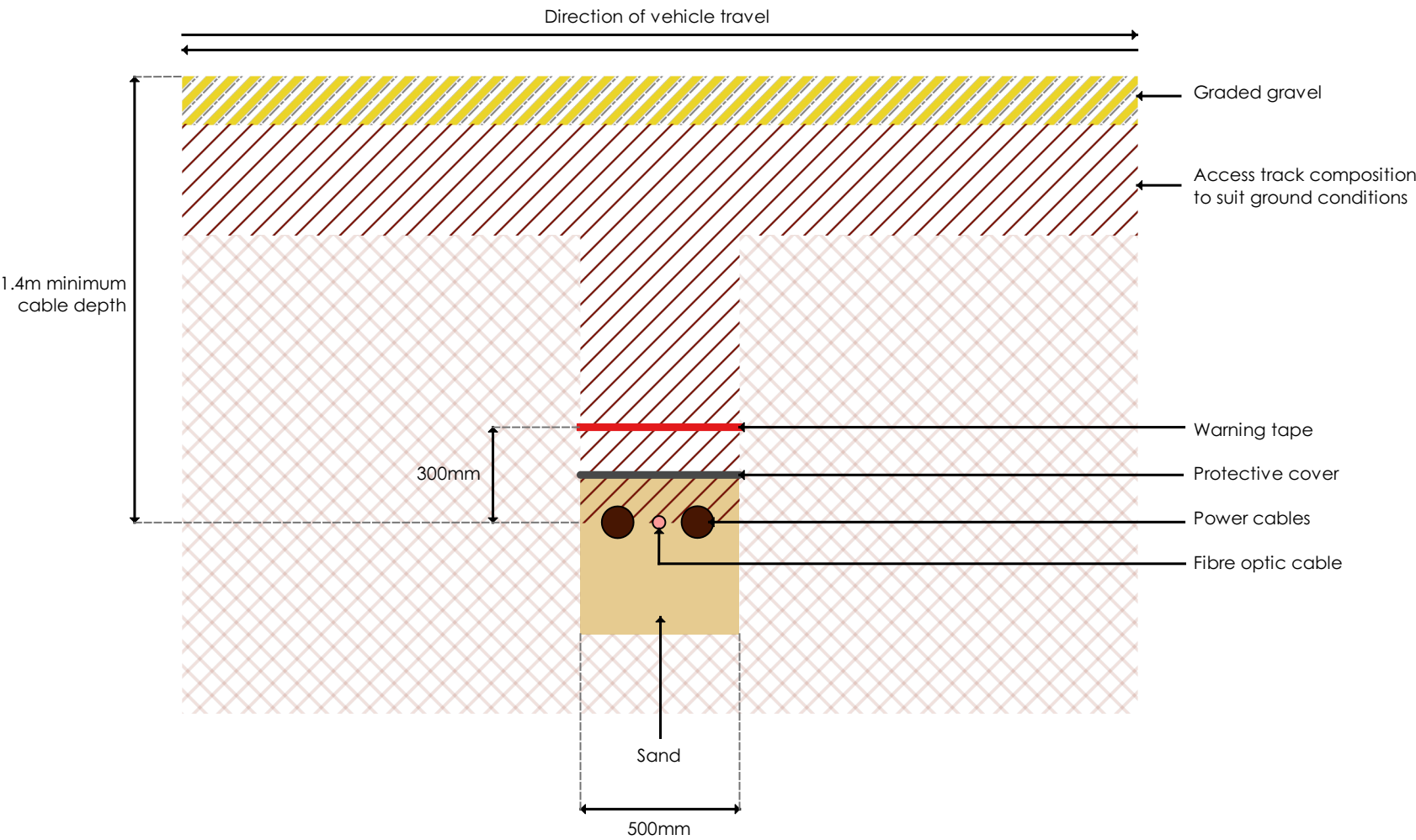
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TYPICAL PARALLEL TRENCH



TYPICAL PARALLEL TRENCH



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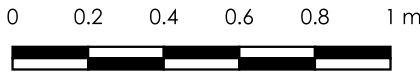
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Figure 3.8: Typical Trench Design

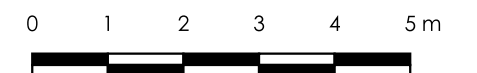
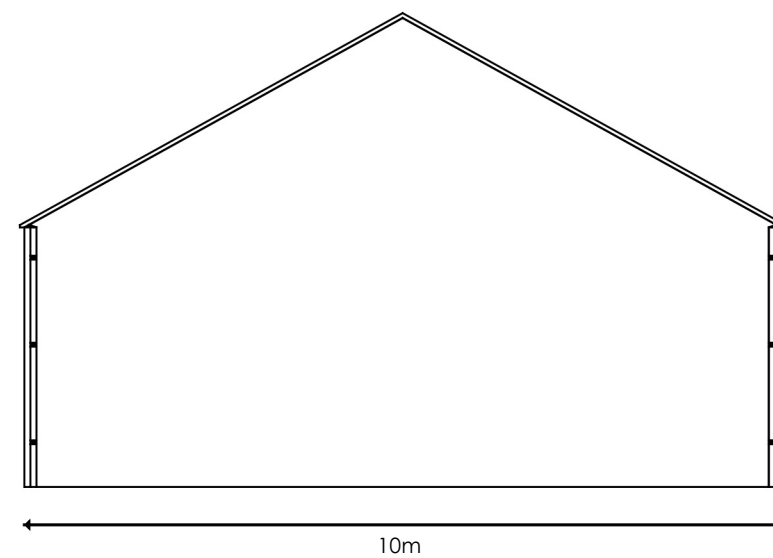
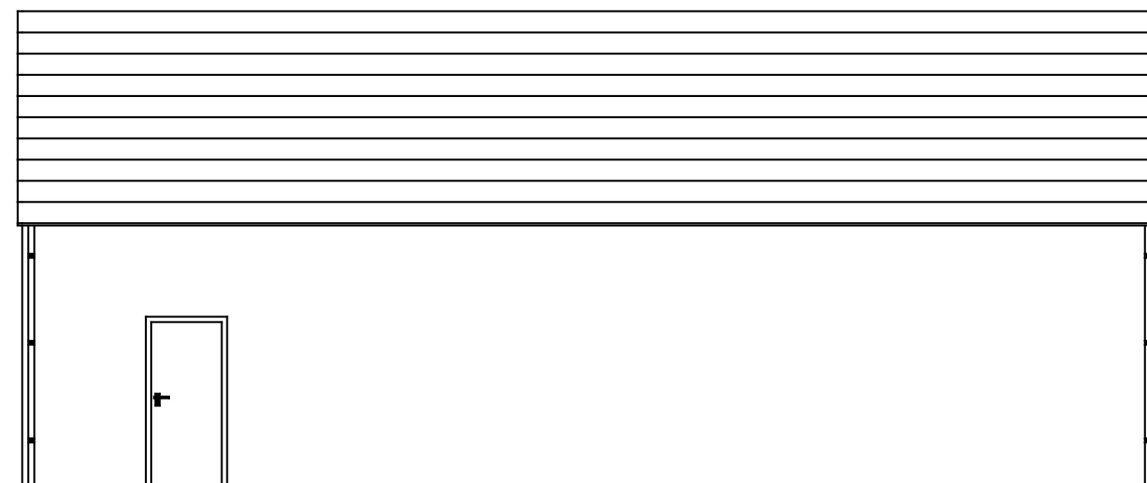
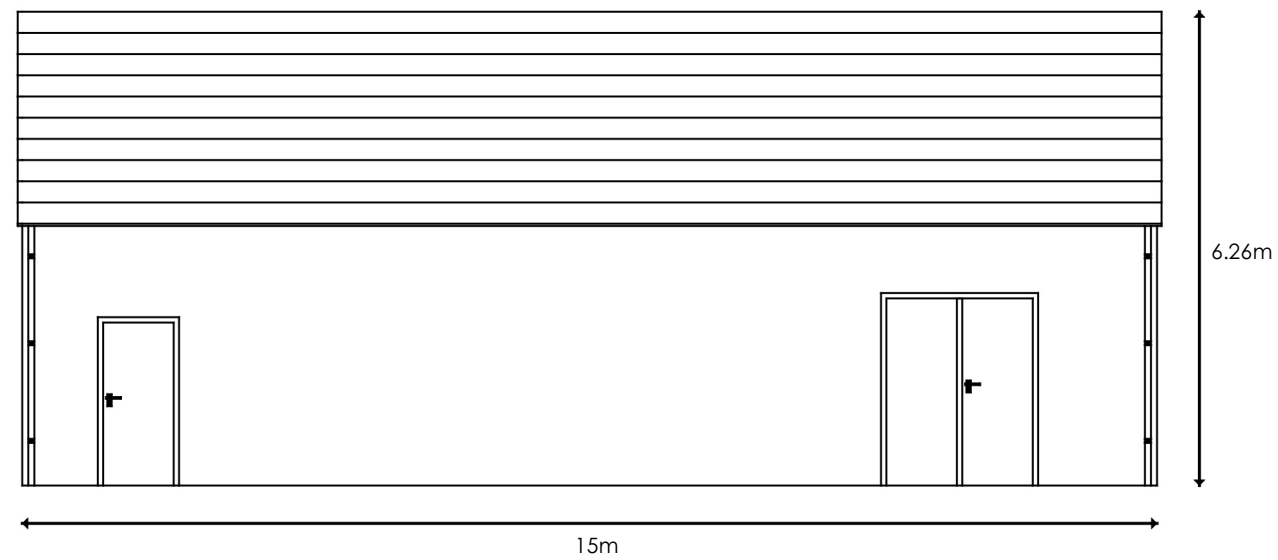




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Figure 3.9: Typical Substation Elevations



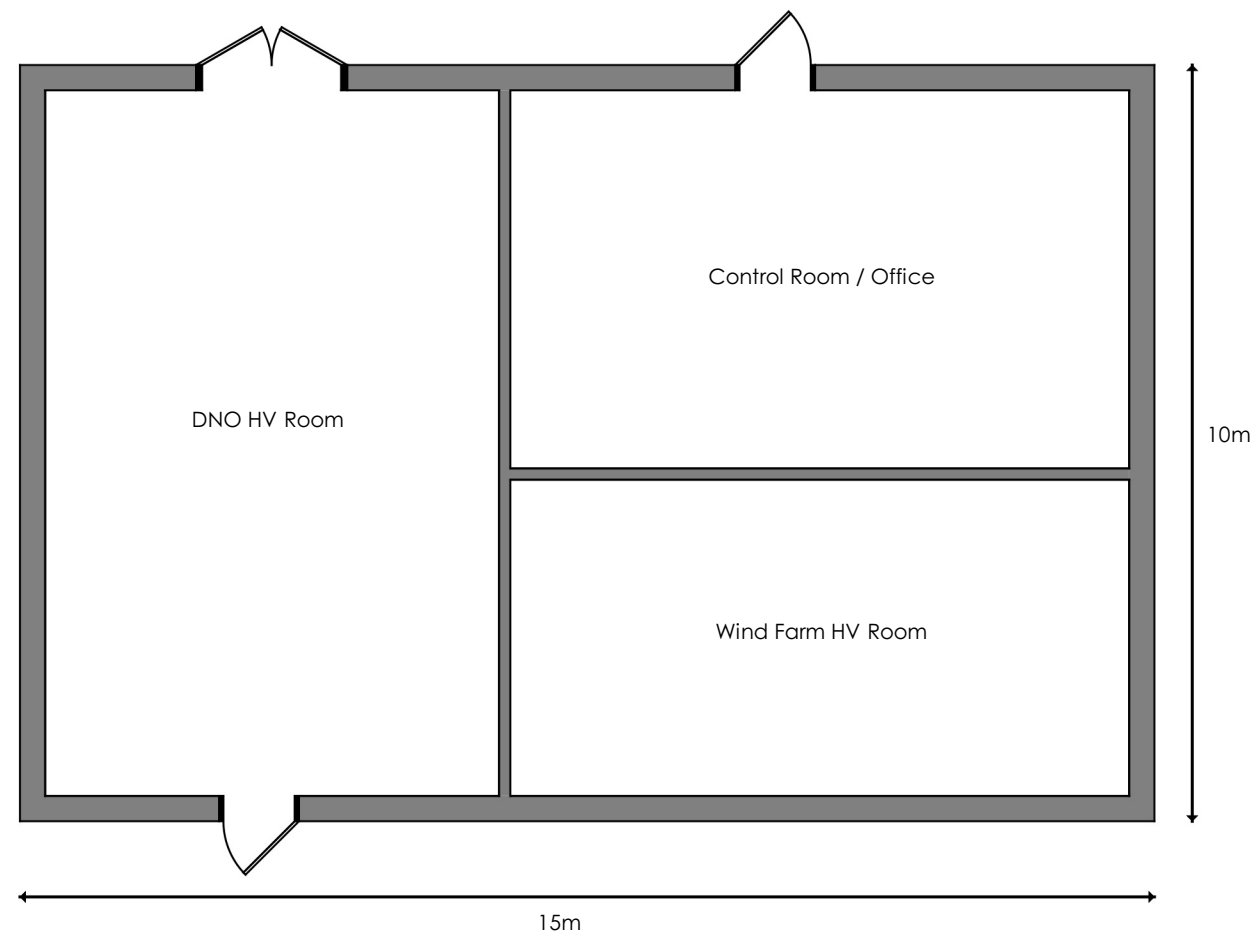


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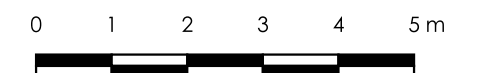
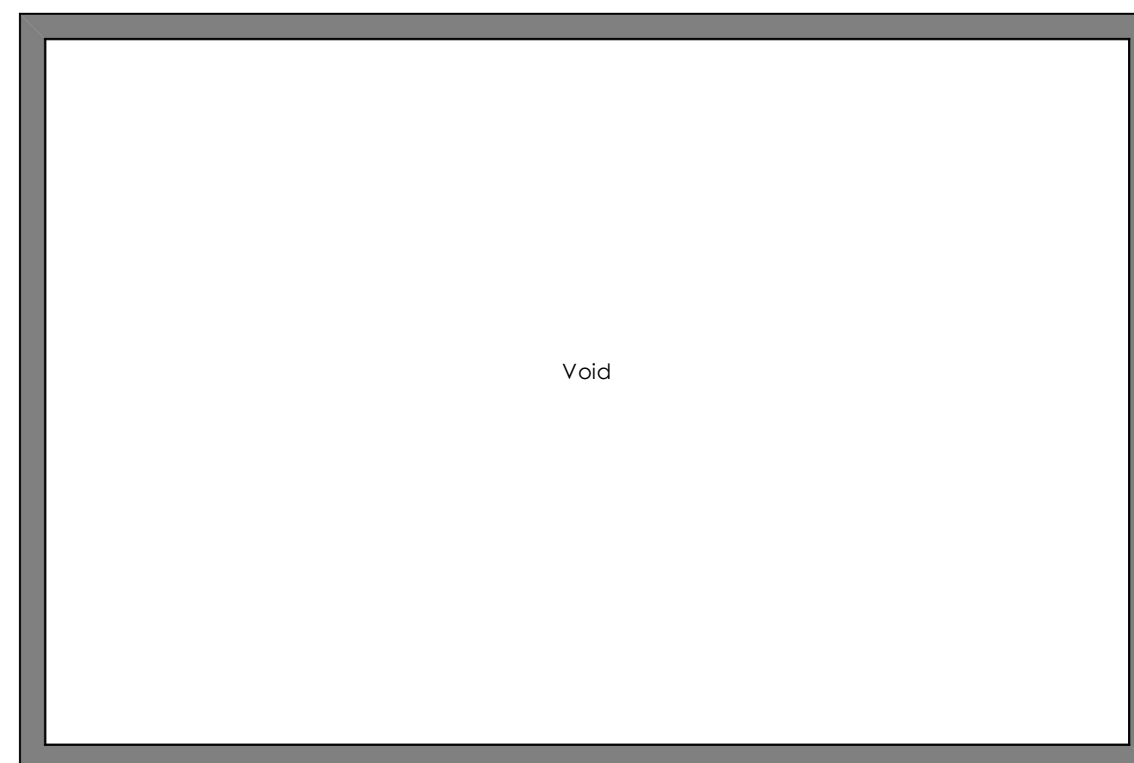
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Figure 3.10:
Typical Substation Floor and Roof Plan

Ground Floor Plan



Roof Plan





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Figure 3.11:
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

