

**Development Layout**

- Turbine Location
- Site Boundary
- Existing Track
- Access Track
- MetMast
- Control Building
- Construction Compound
- Crane Hardstanding
- Borrow Pit Search Area

**Figure 4.1**

Map Scale @ A3:1:15,000



**Site Layout:  
General Site Arrangement**

Legend Text

	Proposed Turbine Locations
	50m Watercourse Buffer Zone
	25m Watercourse Buffer Zone
	Cut
	Fill
	Proposed Borrow Pits
	Possible Watercourse Crossing
	Proposed Access Track
	Proposed Crane Hardstanding
	2m Contour
	10m Contour
	Proposed Anemometer mast

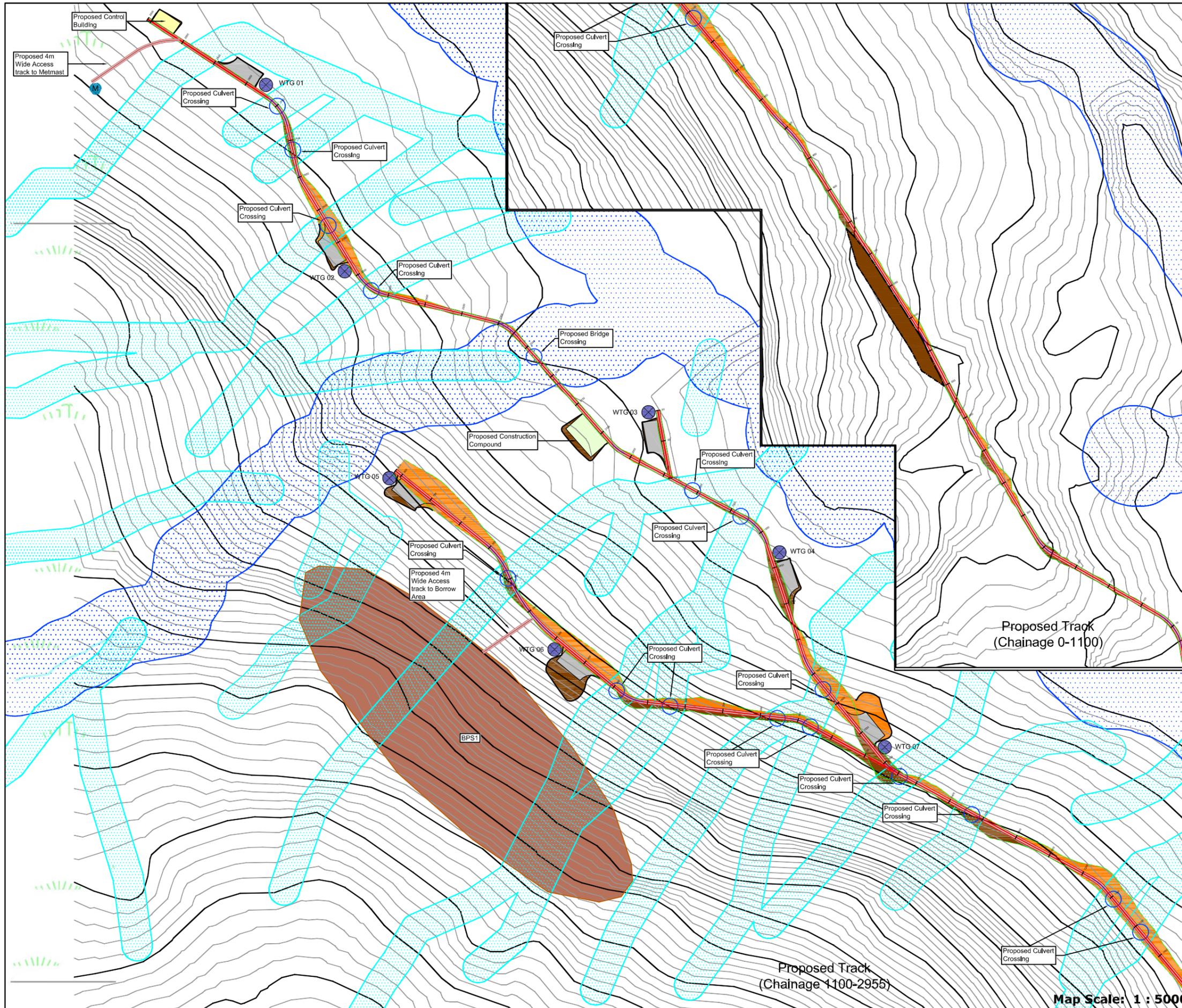
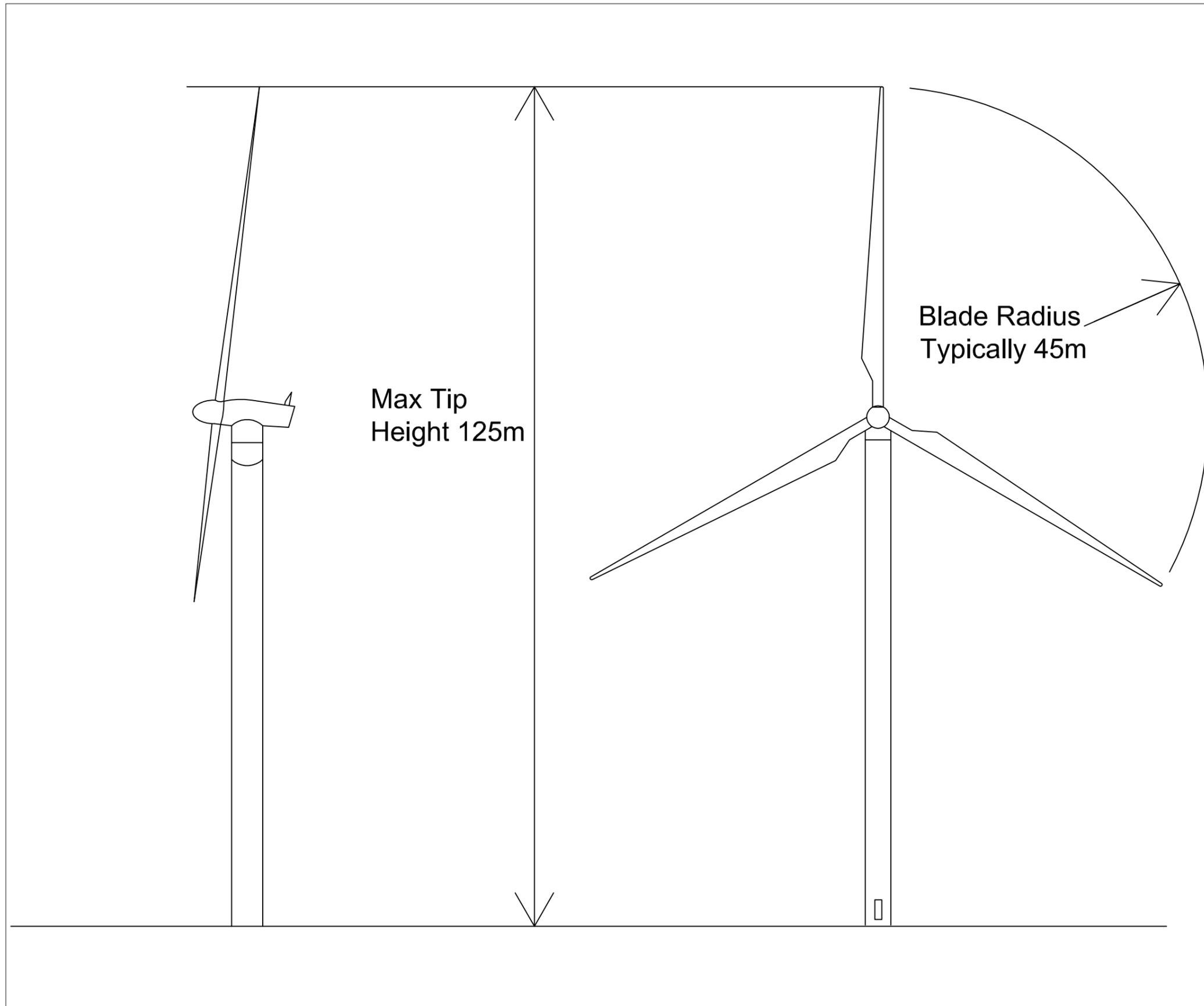


Figure 4.1a

Typical Wind Turbine



NTS

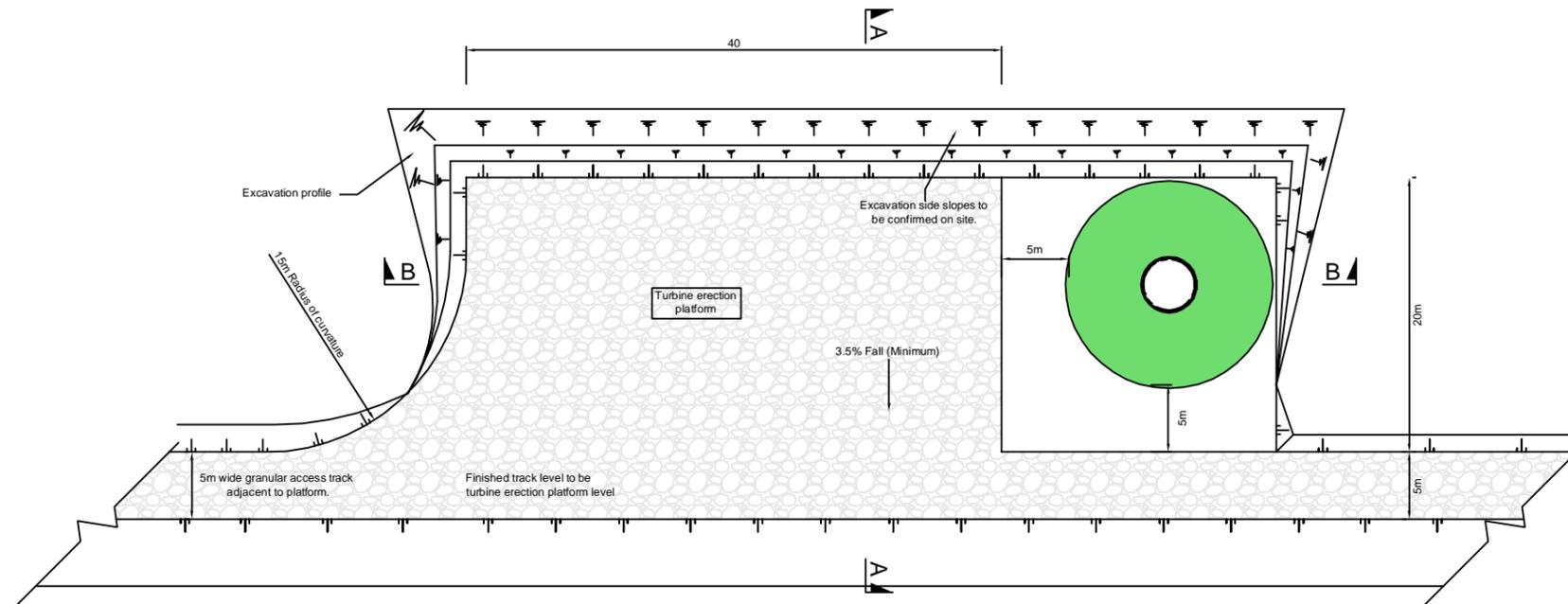
Figure 4.2



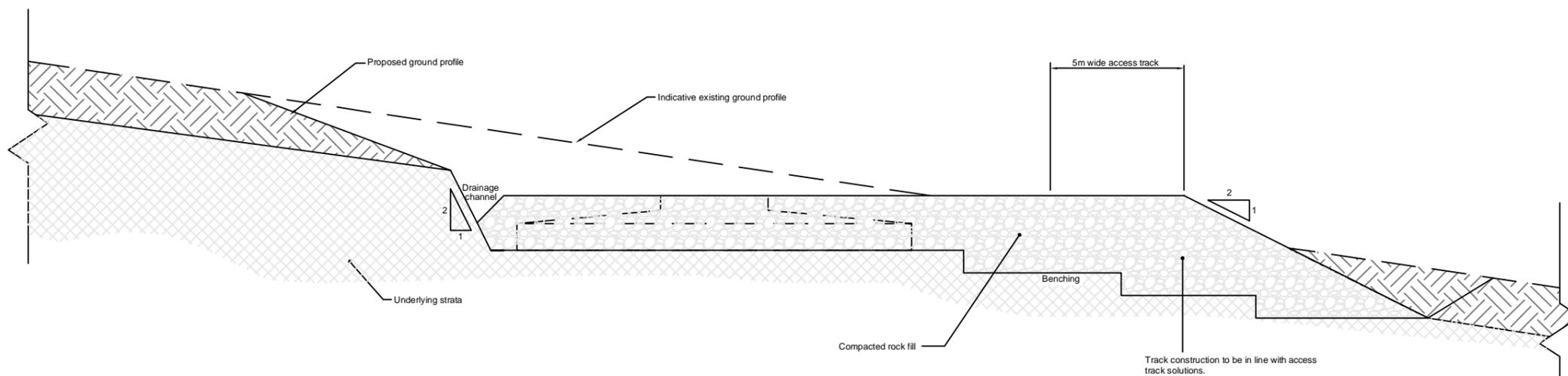
Typical Turbine Foundation /  
Crane Erection Platform

**Notes :**

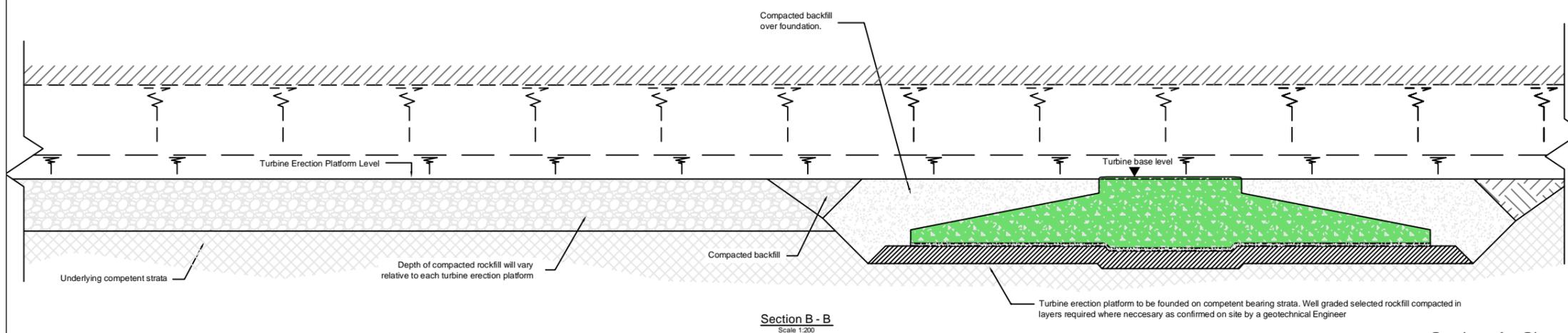
1. Wind turbine foundations to be founded on competent bearing strata  
Bearing capacity to be determined during detailed design
2. Perimeter drain to be constructed where risk of high water table is present.  
150mmØ perforated upvc pipe in 20mm clean gravel, wrapped in terram fabric.  
Laid to falls to general site cross falls and extended to drainage scheme
3. Earth / rock fill to be placed and compacted to achieve a required density in accordance with backfill compaction specification.
4. Excavation side slopes in peat to be confirmed by a Geotechnical Engineer



Plan: Typical Turbine Erection Platform Arrangement  
Scale 1:500



Section A - A  
Scale 1:200

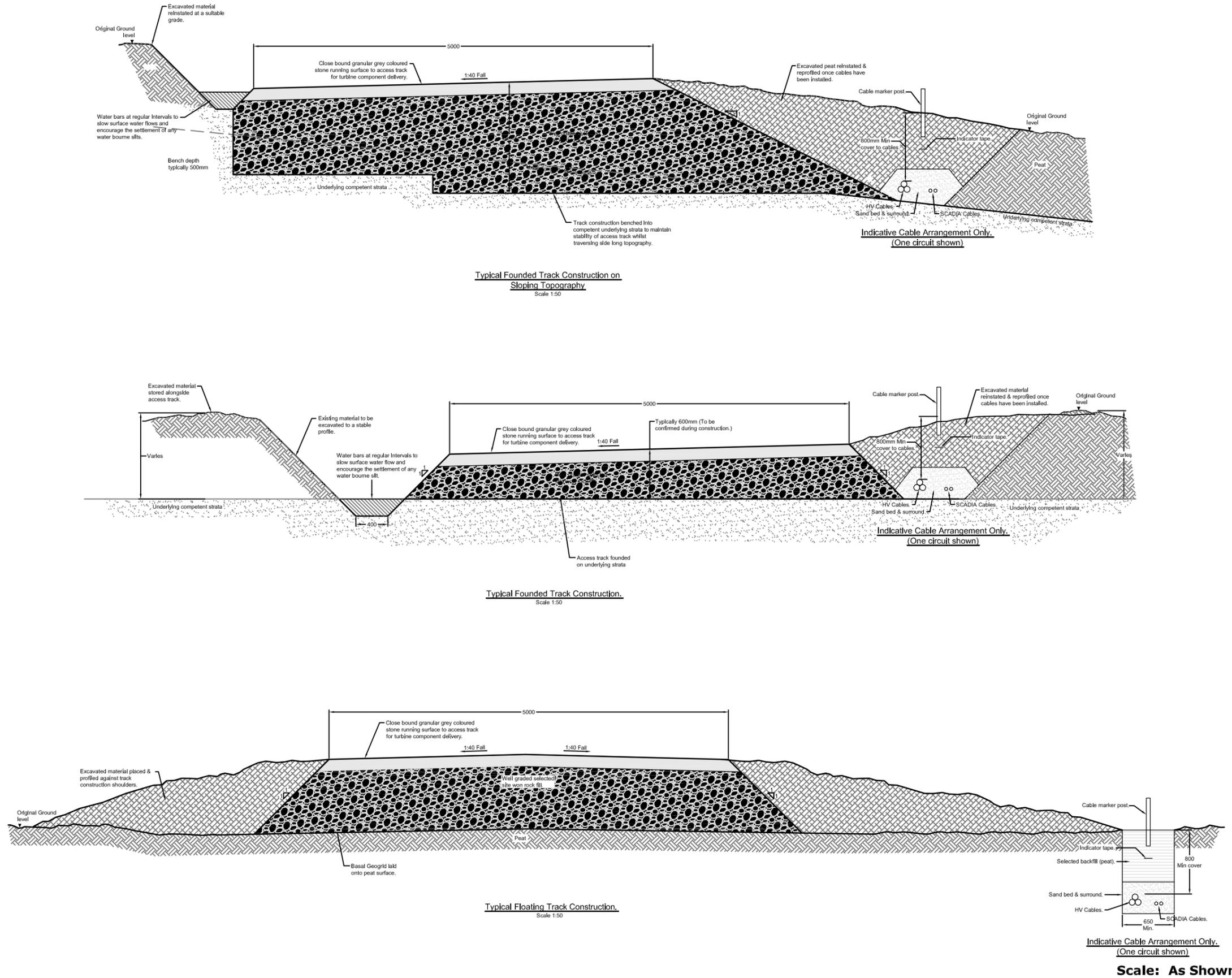


Section B - B  
Scale 1:200

Scale: As Shown

Figure 4.3

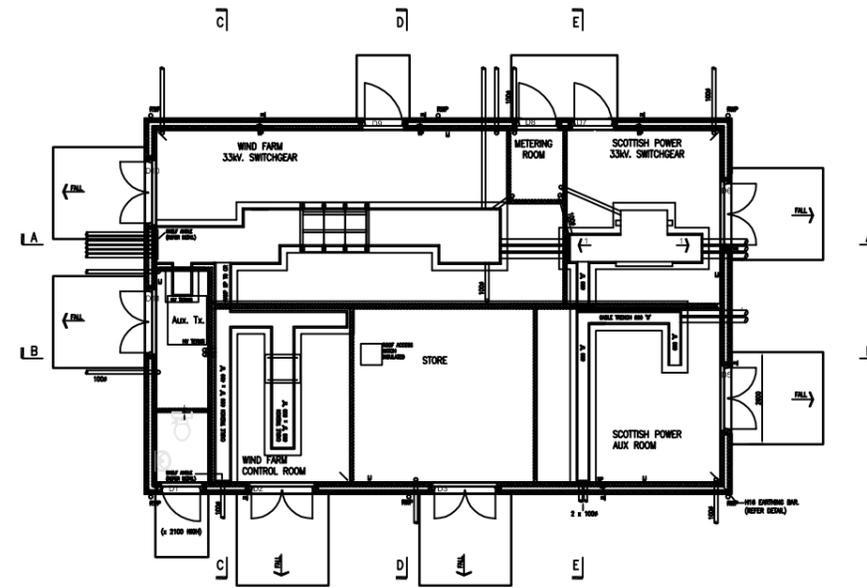
**Typical Access Track Construction**



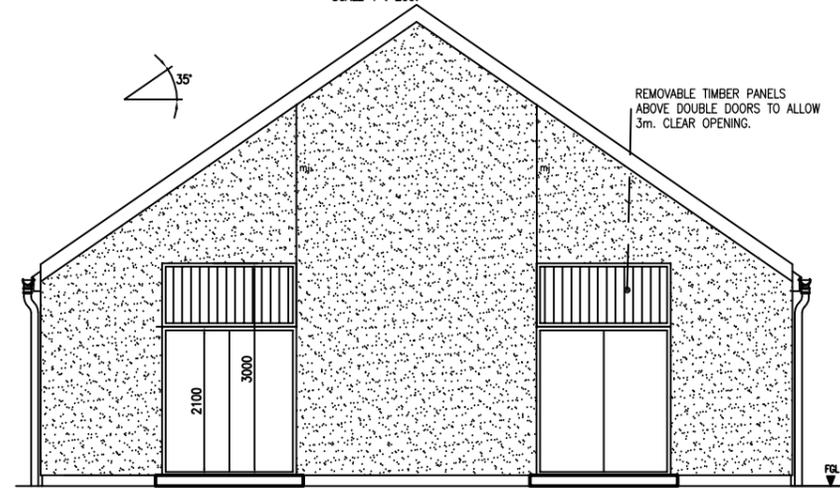
**Figure 4.4**



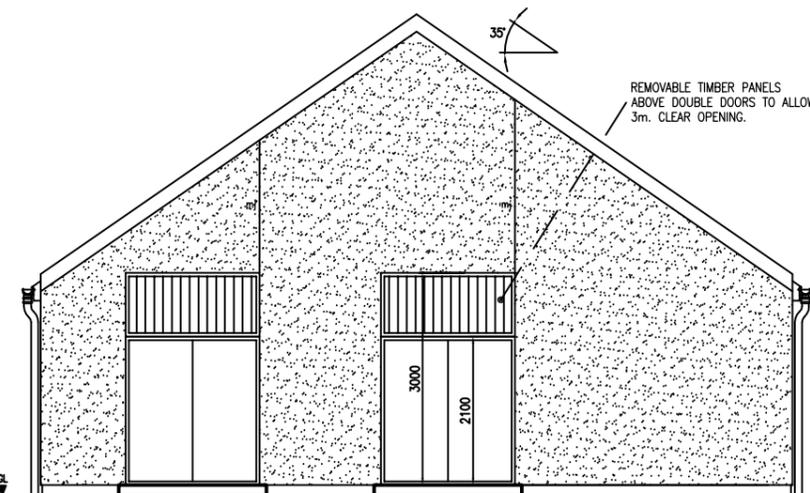
Typical Control Building



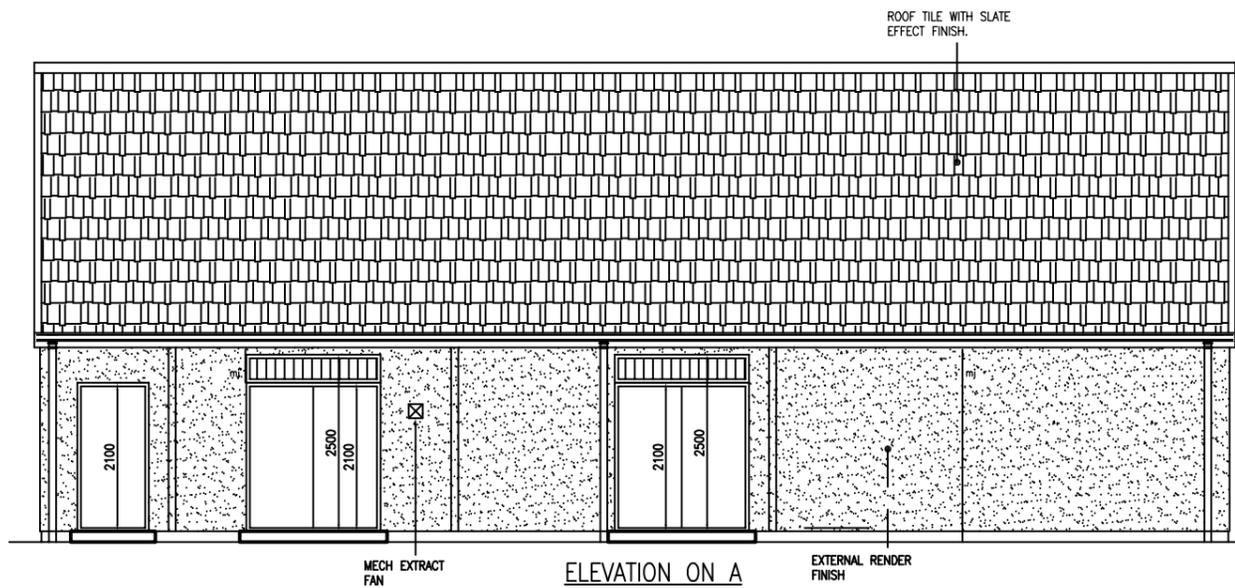
GROUND FLOOR PLAN  
SCALE 1 : 200.



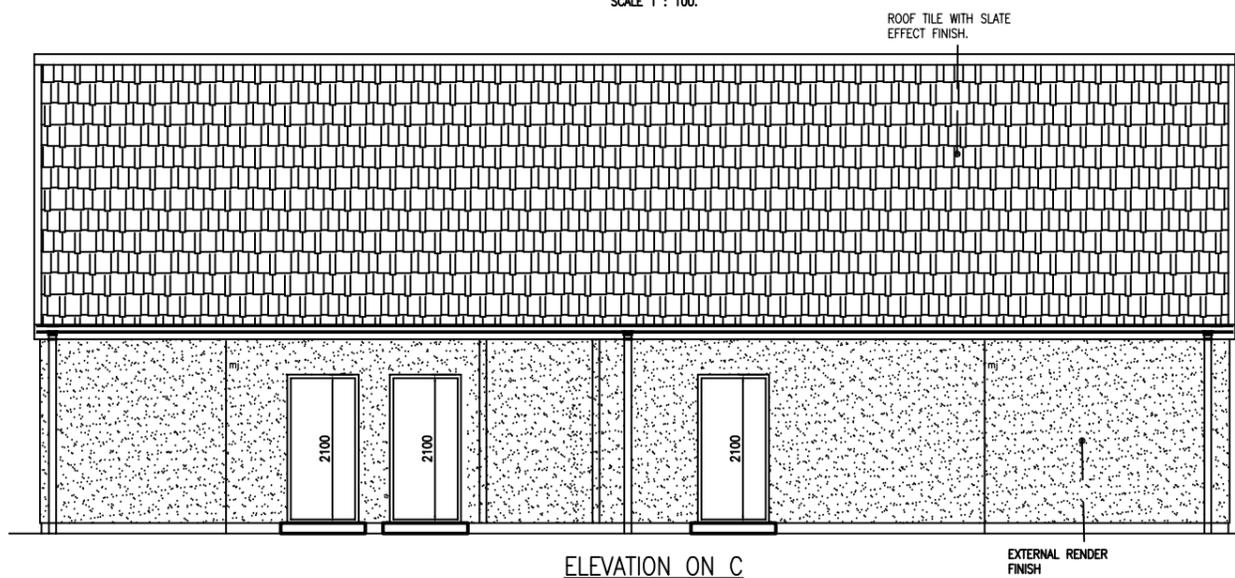
ELEVATION ON B  
SCALE 1 : 100.



ELEVATION ON D  
SCALE 1 : 100.



ELEVATION ON A  
SCALE 1 : 100.



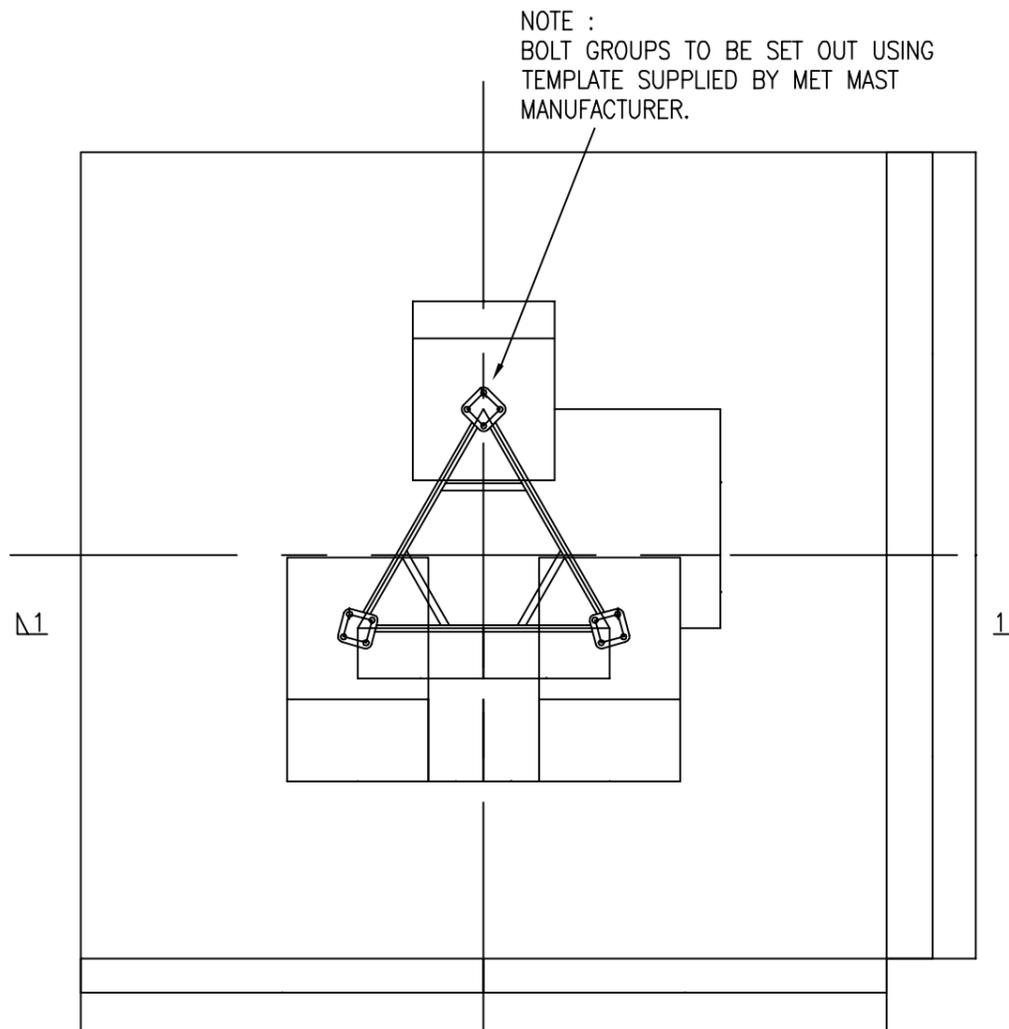
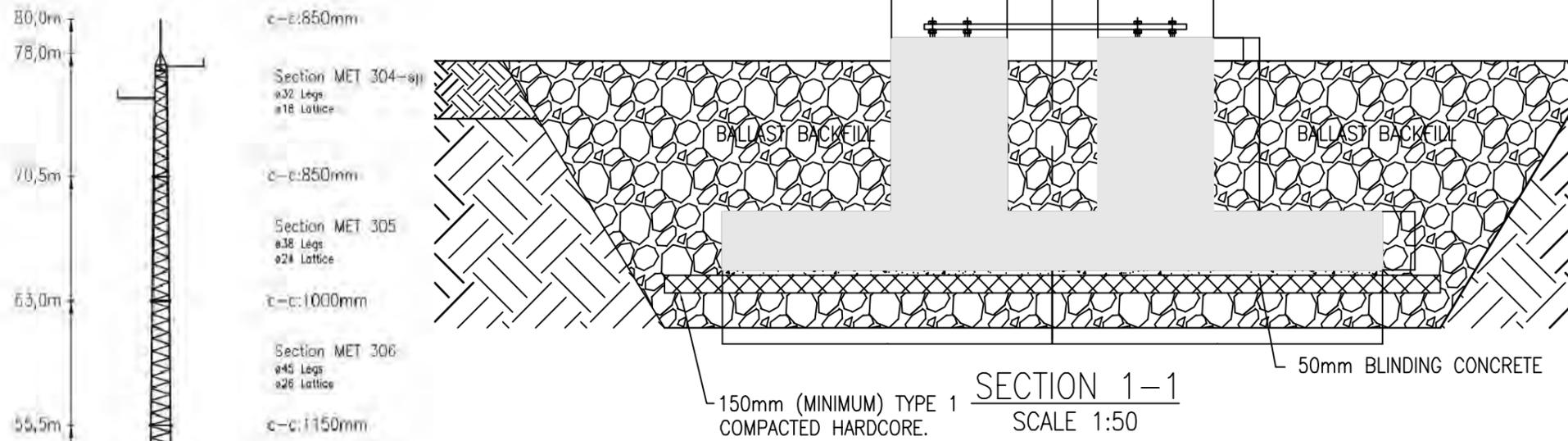
ELEVATION ON C  
SCALE 1 : 100.

Scale: As Shown

Figure 4.5



Typical A80m Met Mast Detail



Note:  
 The tower is supplied  
 with Söll safety system  
 with laddersteps.

Scale: As Shown

Figure 4.6

Typical Construction Compound

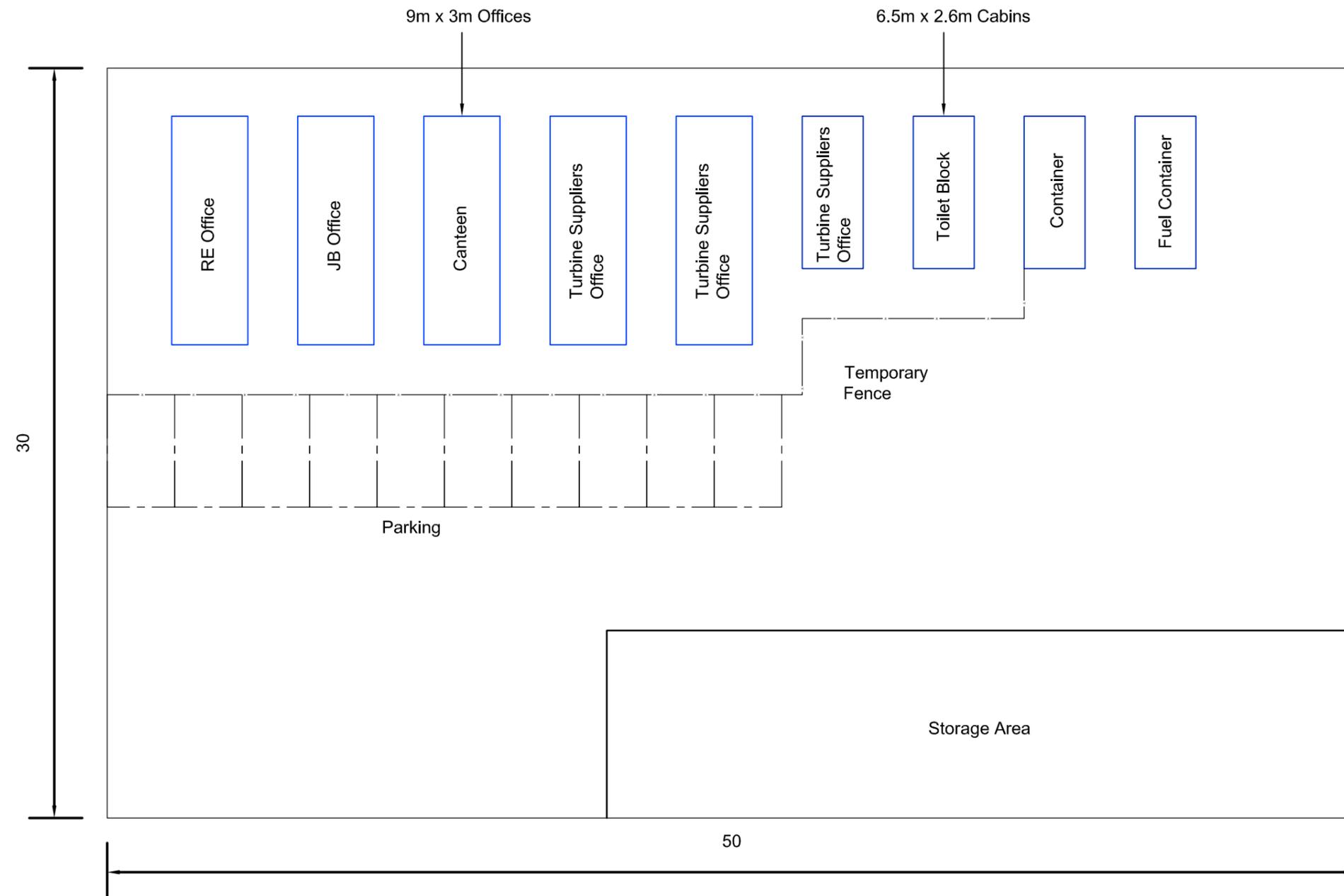


Figure 4.7