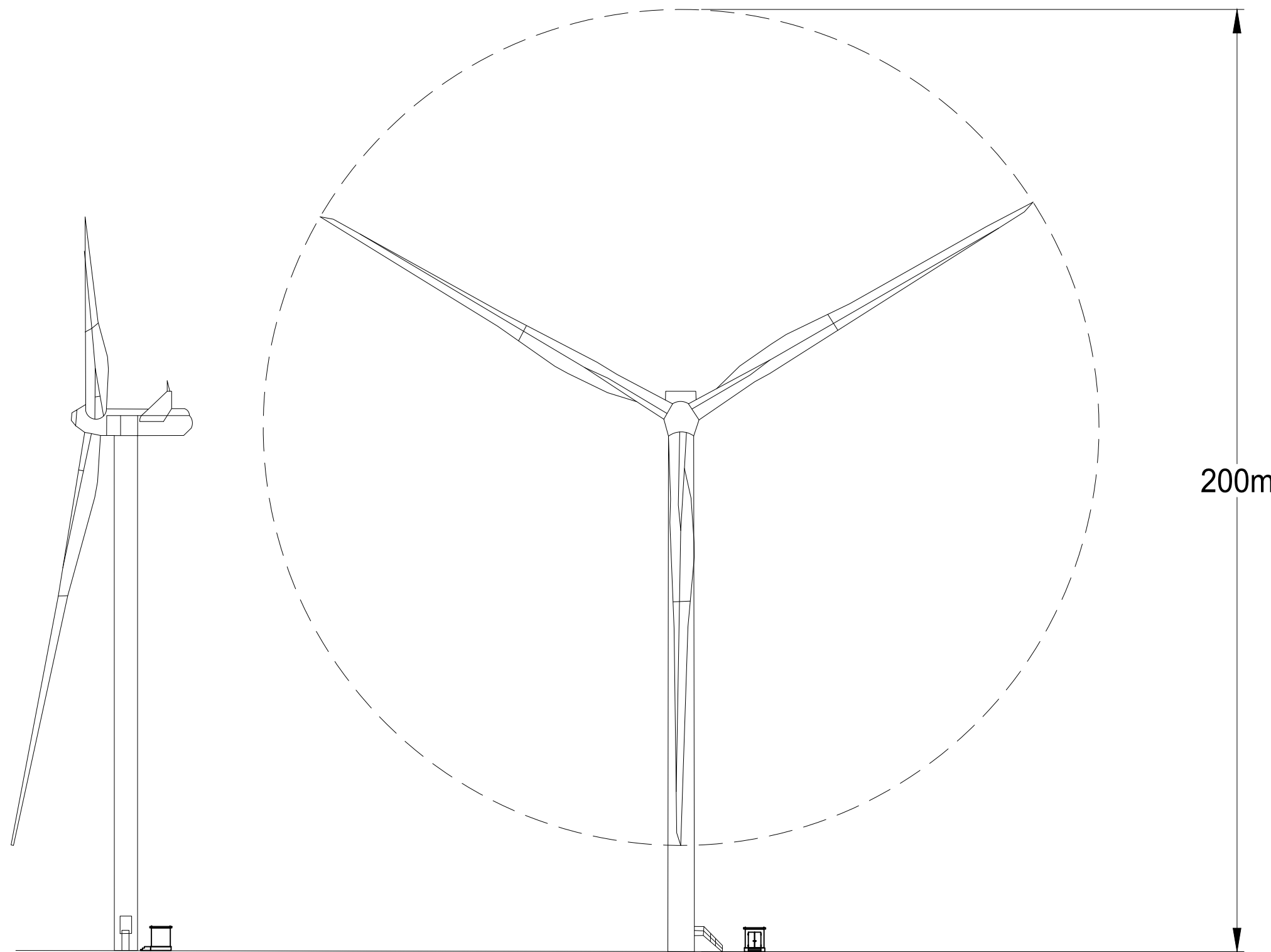


Figure 4.2a: Typical Wind Turbine - 200m Tip Height

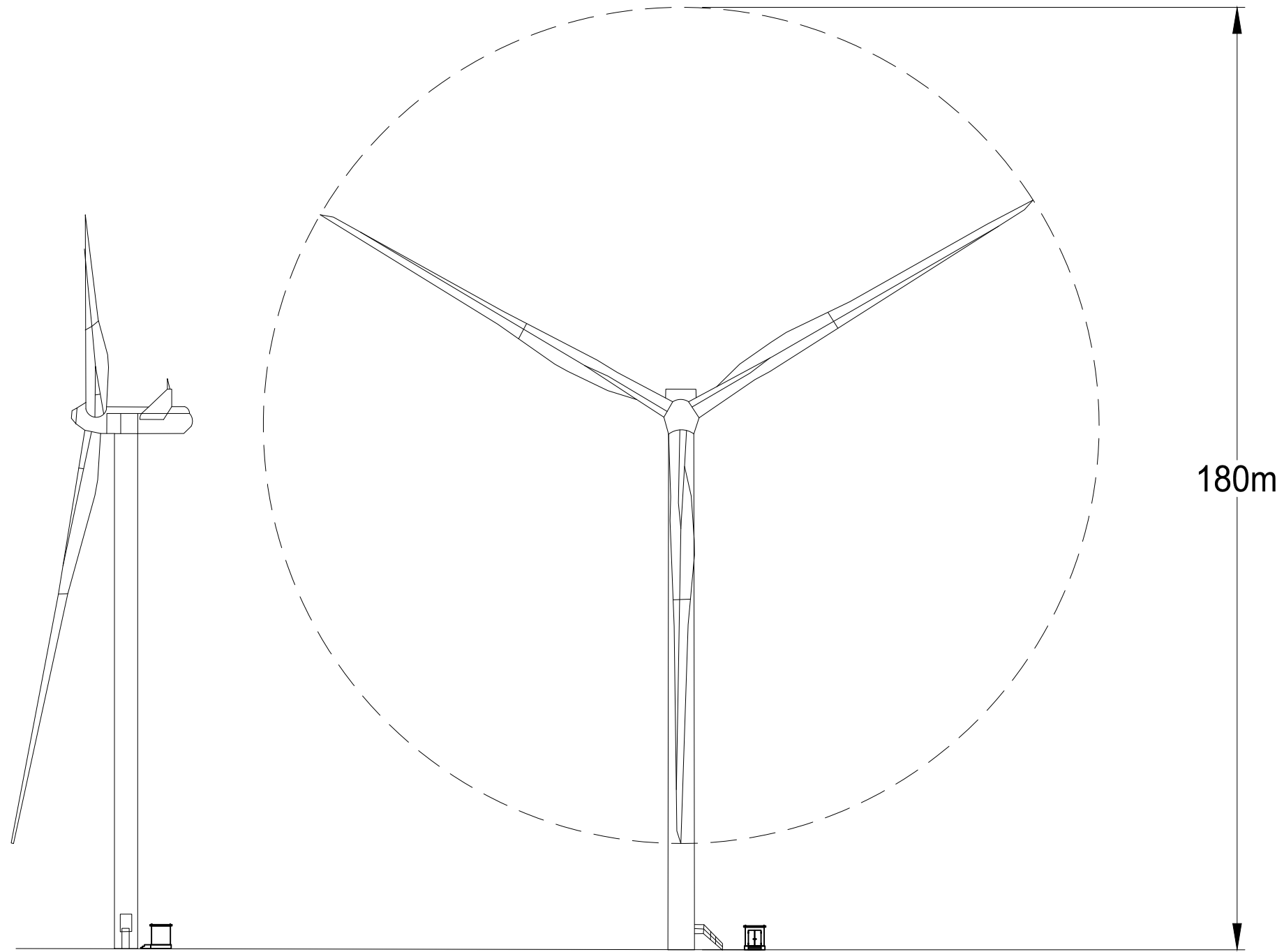


200m

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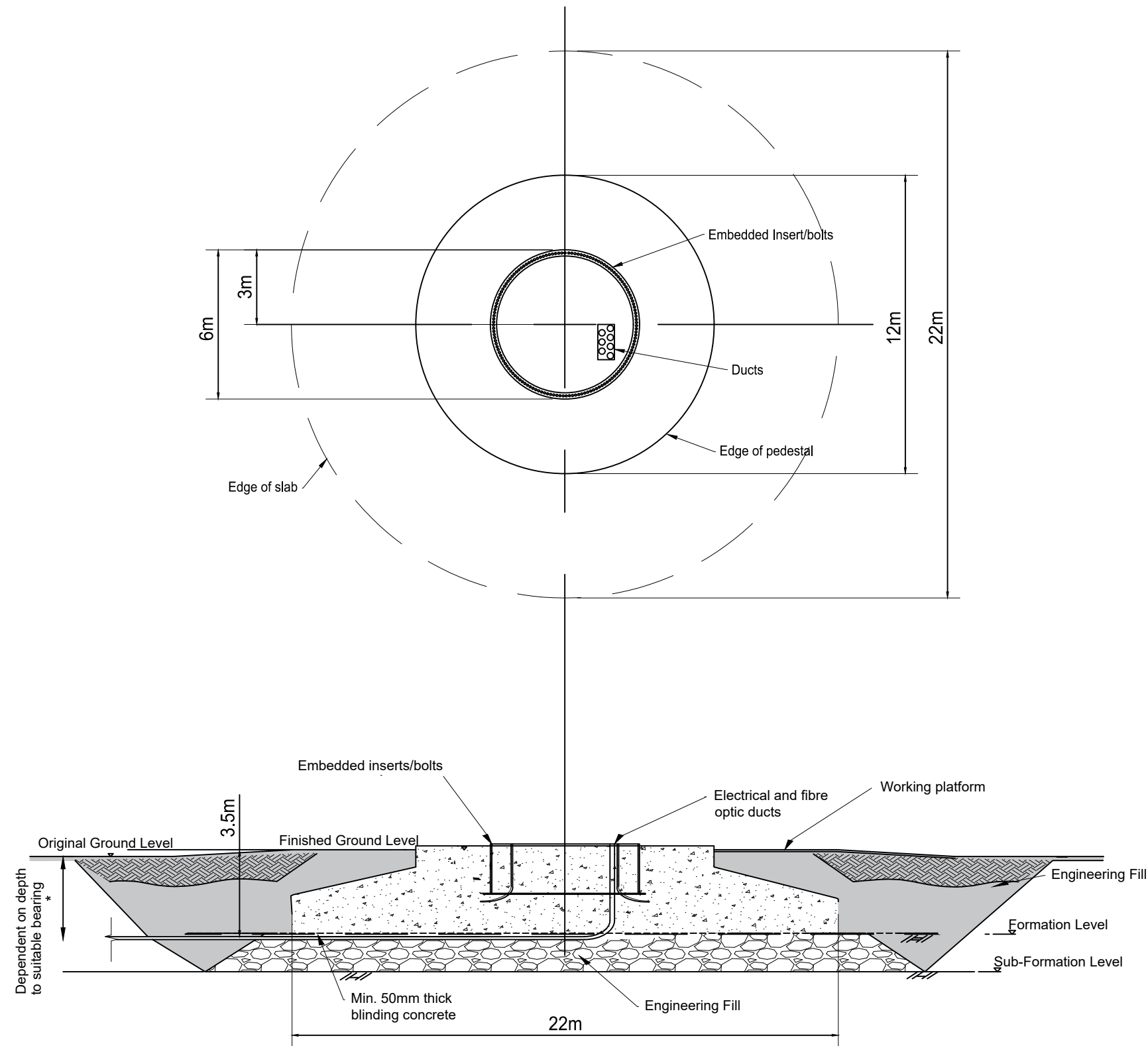
Figure 4.2b: Typical Wind Turbine - 180m Tip Height



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Figure 4.3: Typical Turbine Foundation



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Figure 4.4: Typical Crane Hardstanding

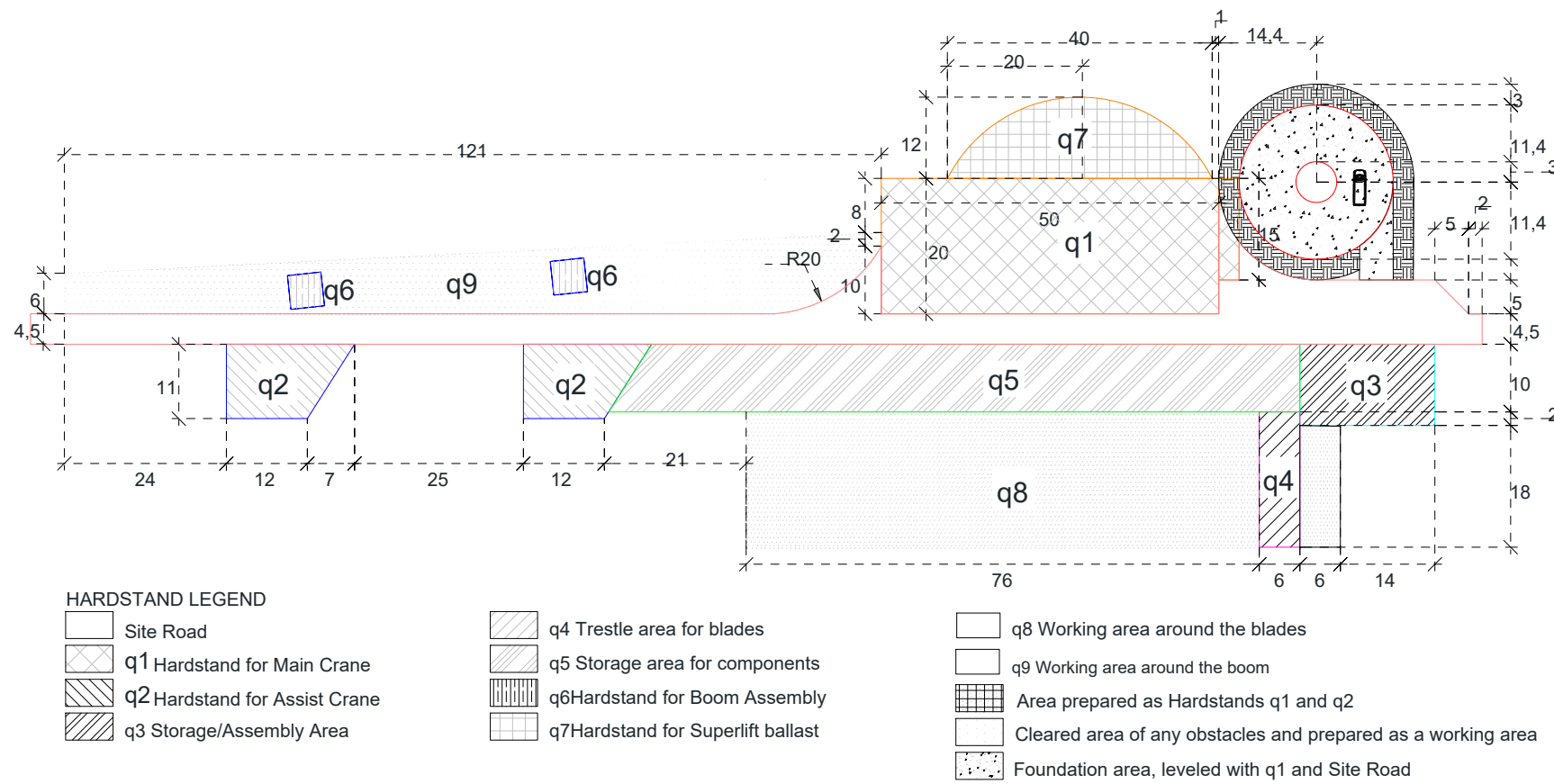


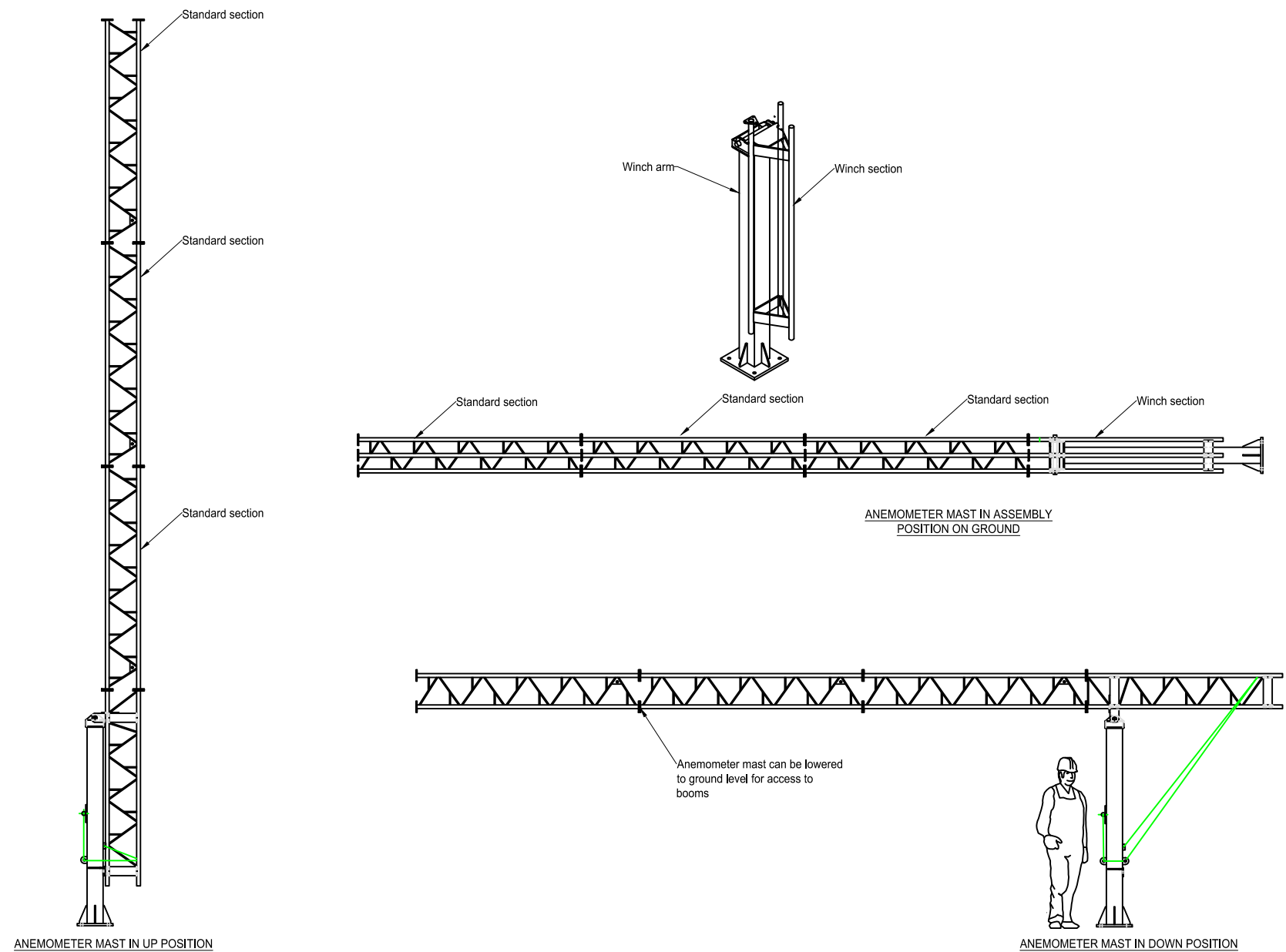
Figure 1: Example of Installation Area with modified rectangular Hardstand for the Main Crane (LG1750)

Area	Description	Max. fall	Area (m <sup>2</sup> )	Dimensions (m)	Maintenance	Relationship to other q areas
Road	Site road section from q1 to q2	≤0.25%		4,5	Permanent	Level with q1, q2, q3 and q5
q1	Hardstand for Main Crane	≤0.25%	1,045	(50 x 20) + (15 x 3)	Permanent	See comments below
q2	Hardstand for Assist Crane	1.5%	341	2x (12 x 11) + 77	Temporary	Ideally the q2 will be level with the site road, if not, then access for the assist crane must be provided.
q3	Storage/Assembly Area	≤0.25%	240	20 x 12	Temporary	Level with site road, q4 and q5
q4	Trestle area for blades	≤0.25%	120	6 x 20	Temporary	Level with q3, q5 and q8
q5	Storage area for components	≤0.25%	975	(96 x 10) + 15	Temporary	Level with site road, q2, q3, q4 and q8
q6	Hardstand for boom assembly	≤0.25%	50 / 75	2x (5 x 5) or 3x (5 x 5)	Temporary	Level with or higher than q1.
q7	Hardstand for Superlift ballast	≤0.25%	336	12 x 40 – 12 x 12	Temporary	Level with q1
q8	Working area around the blades	≤0.25%	1.628	76 x 20 + 6 x 18	Temporary	Level with q4 and q5
q9	Working area around the boom	≤ 1.5%	835 or 810	885m <sup>2</sup> – (2x 5x5) or 885m <sup>2</sup> – (3x 5x5)	Temporary	Level with site road

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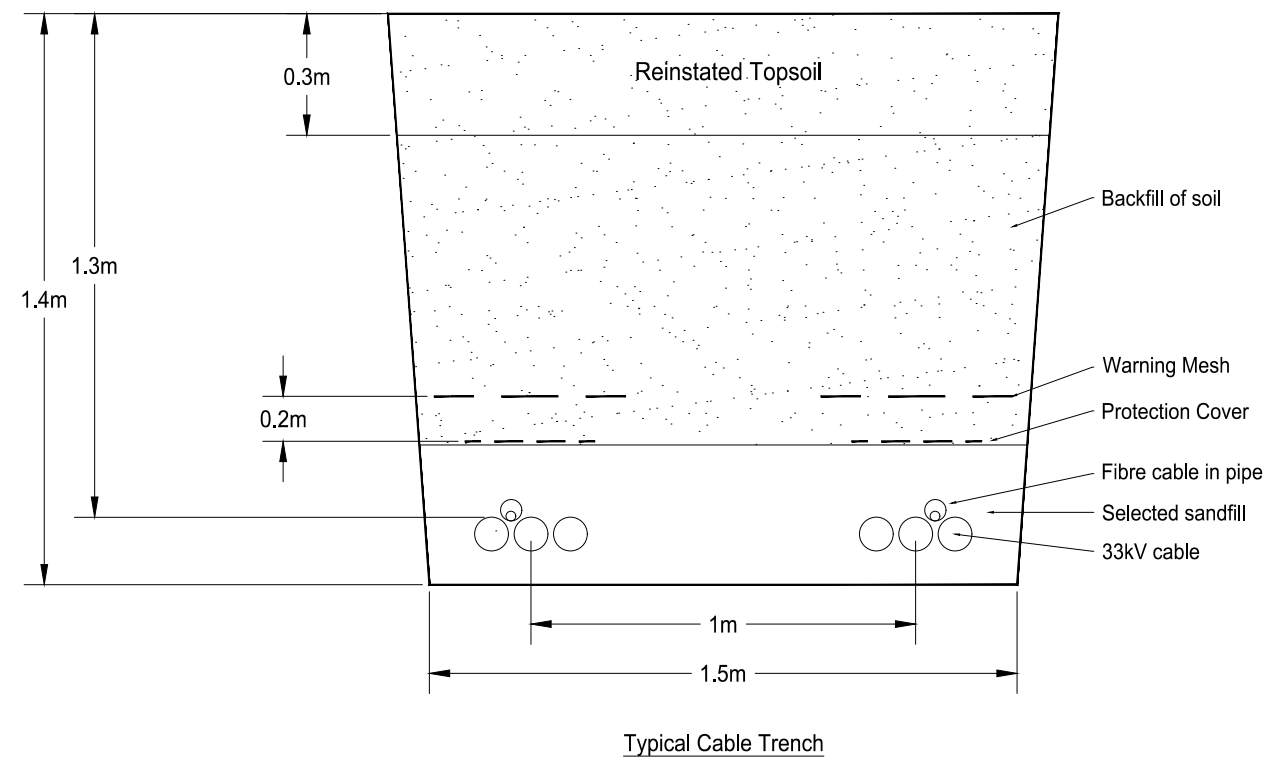
Figure 4.5: Typical Anemometer Mast



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Figure 4.6: Typical Cable Trench



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Figure 4.7: Proposed Construction Compound and Substation

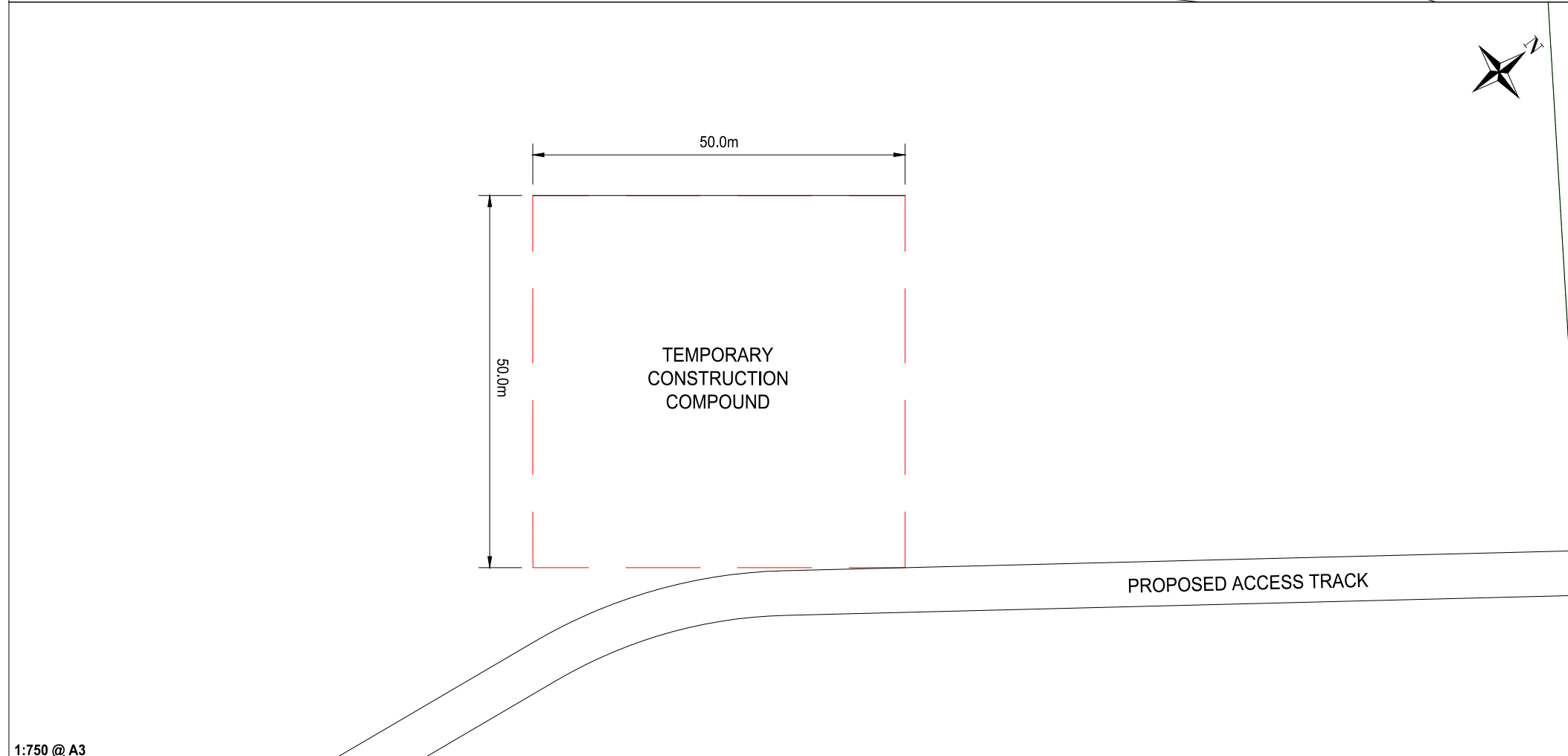
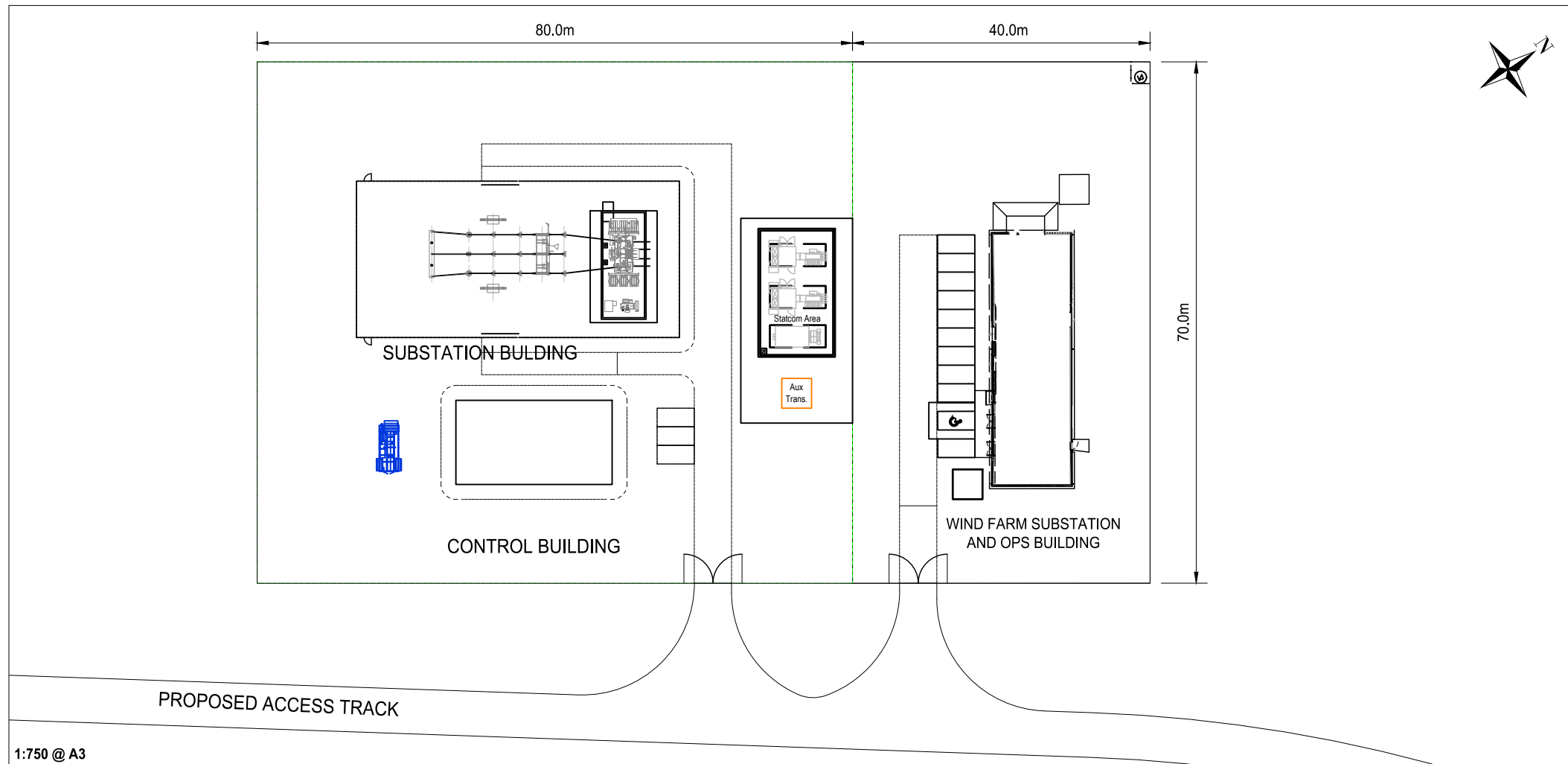
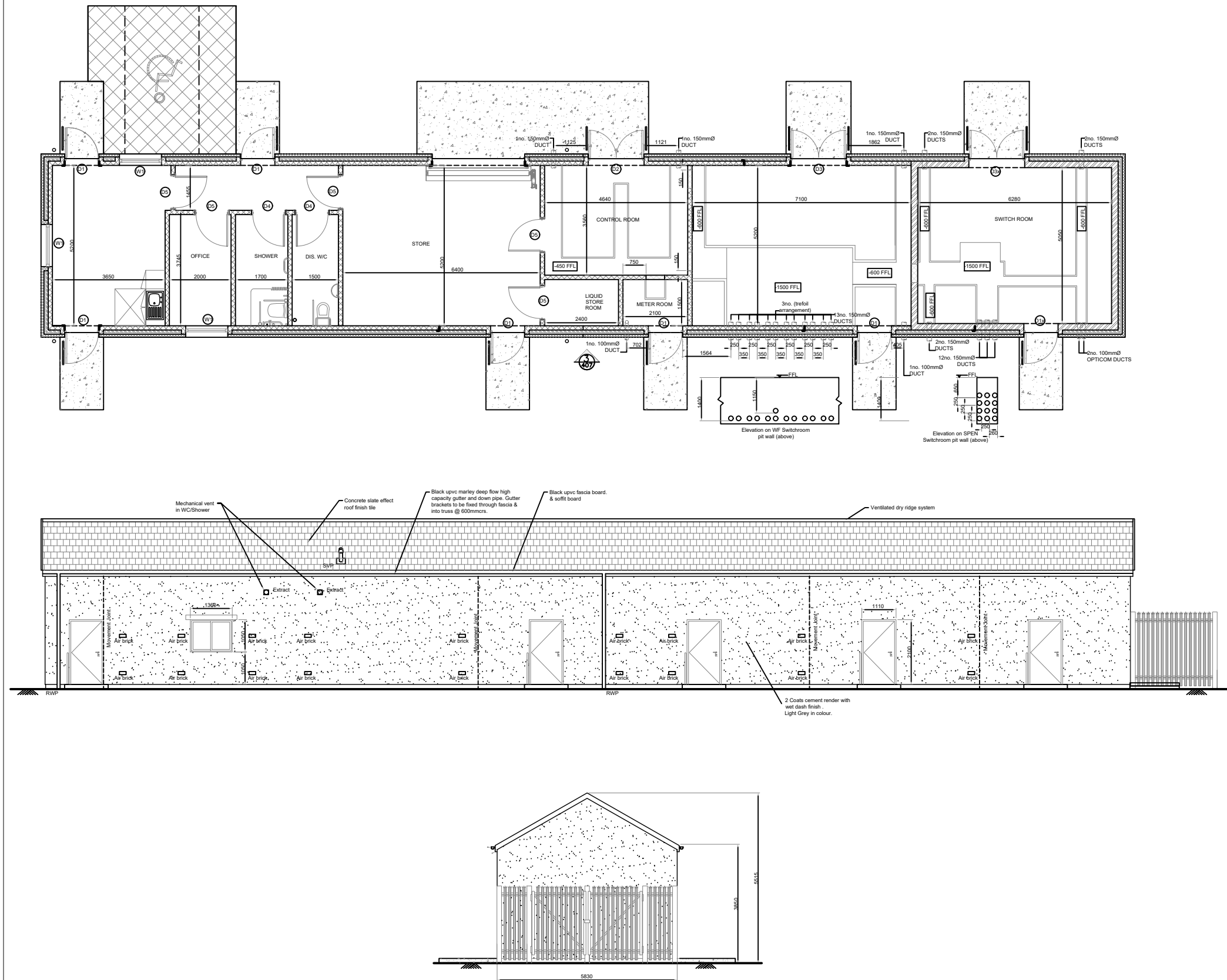


Figure 4.8: Typical Onsite Control Building - Plan and Elevation

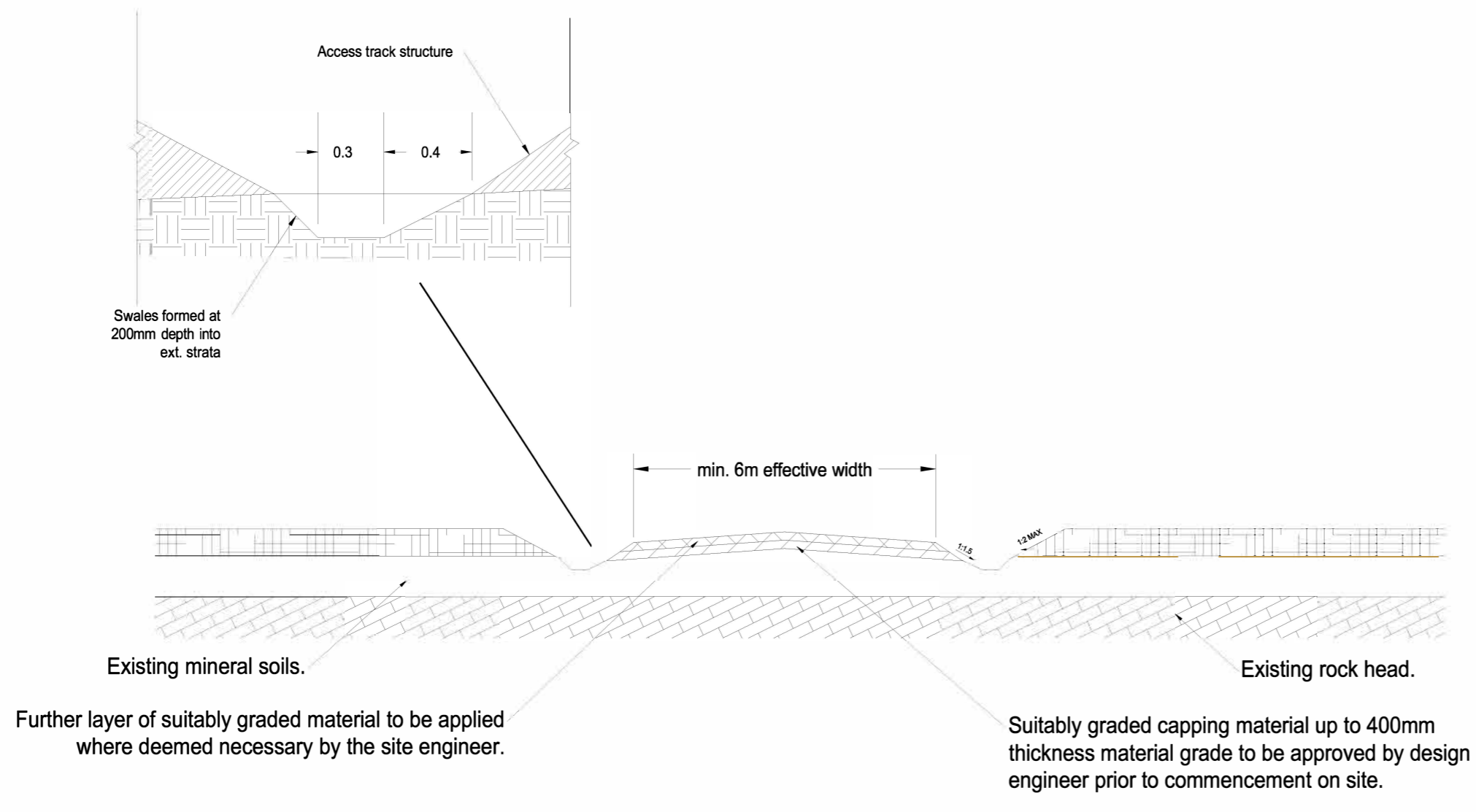


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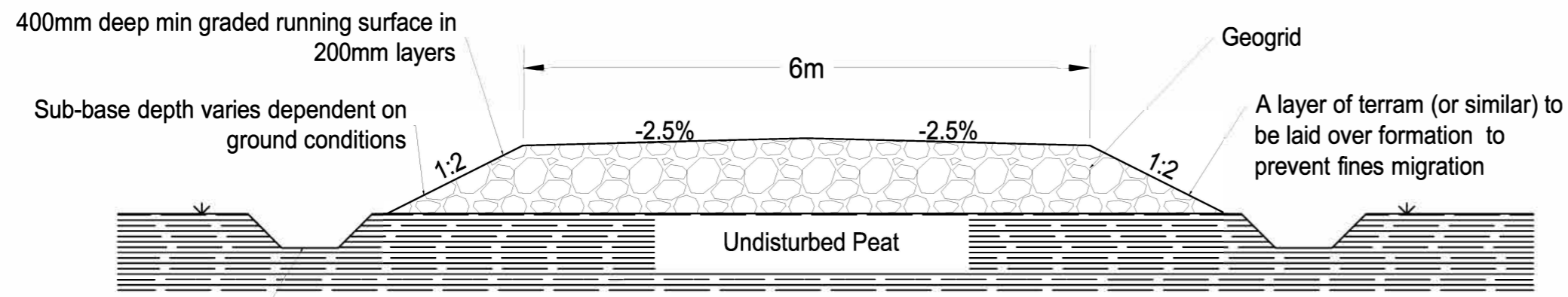
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Figure 4.9: Typical Cut and Floating Track Details



TYPICAL TRACK FORMATION ON OVERBURDEN SOIL











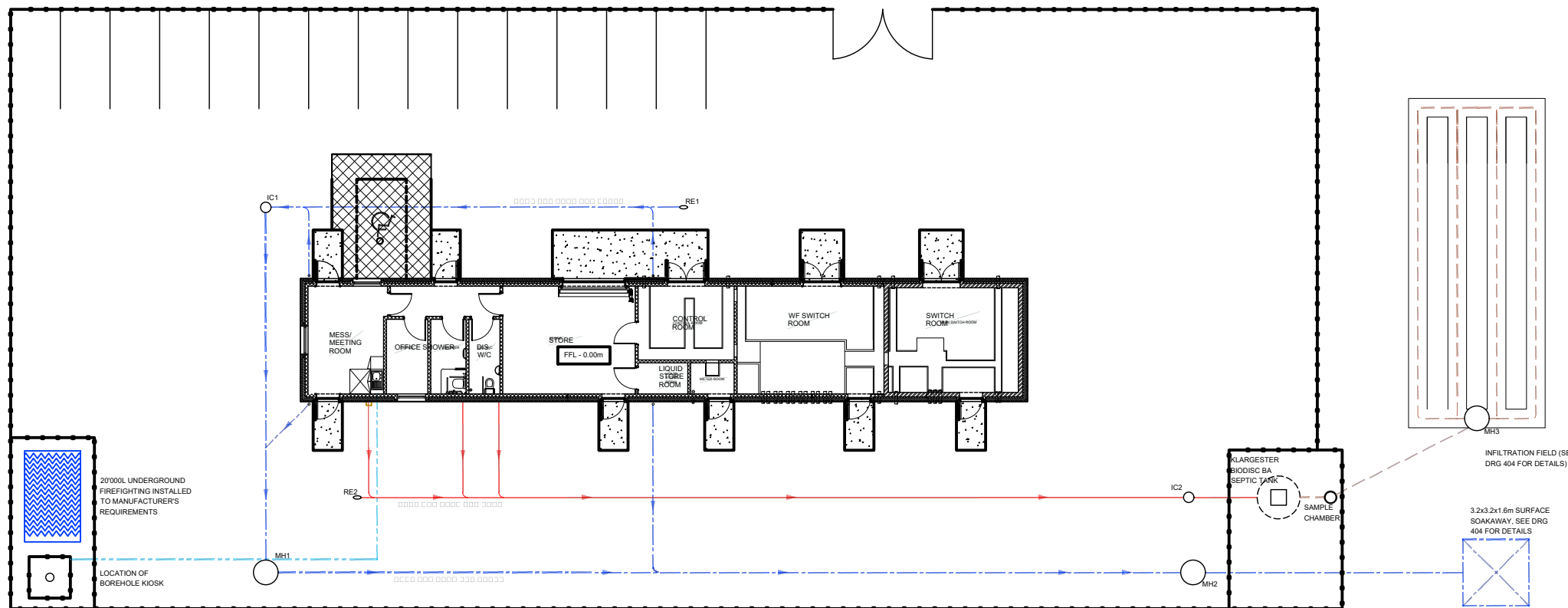
TYPICAL FLOATING TRACK

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Figure 4.10: Indicative Drainage Design

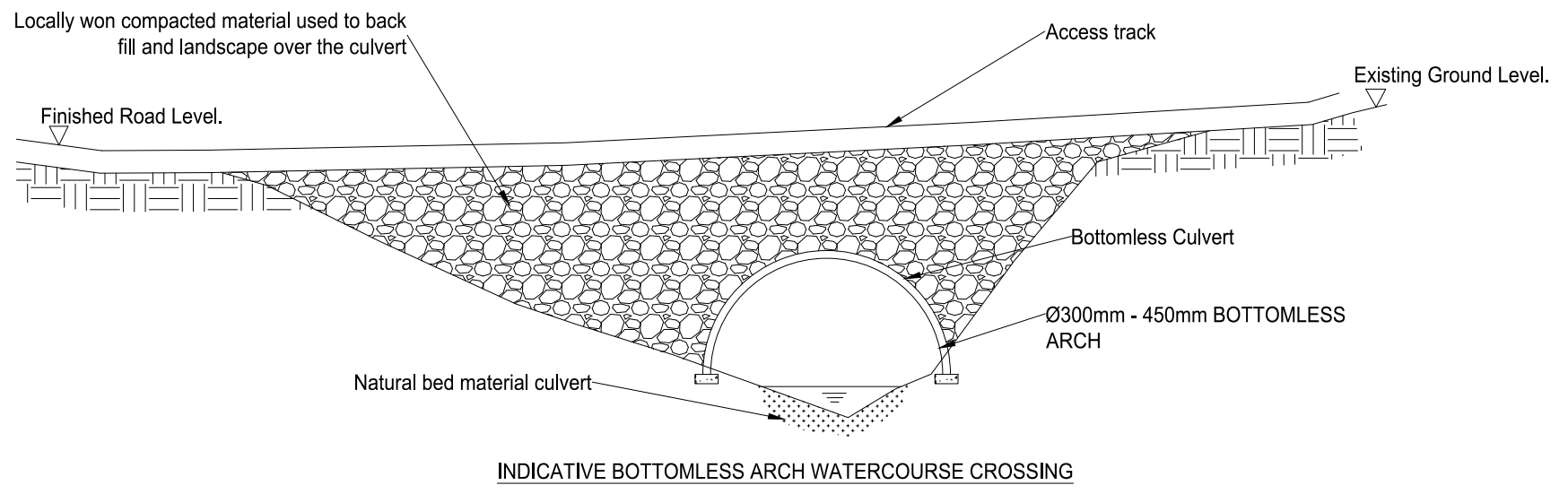
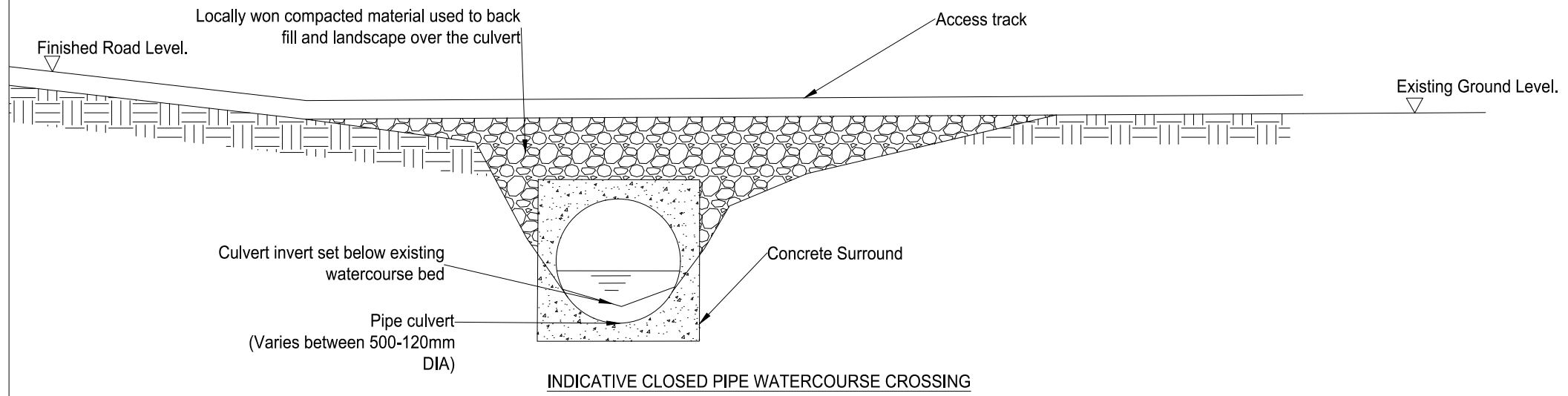
-  Surface Drainage Pipe (D.N. 150mm UPVC) UNO
-  Foul Drainage Pipe (D.N. 110mm UPVC) UNO
-  Treated Drainage Pipe (D.N. 110mm UPVC) UNO
-  Borehole Water Supply
-  Inspection/Sample Chamber
-  Precast Manhole
-  RE Rodding Eye
-  Direction of Flow



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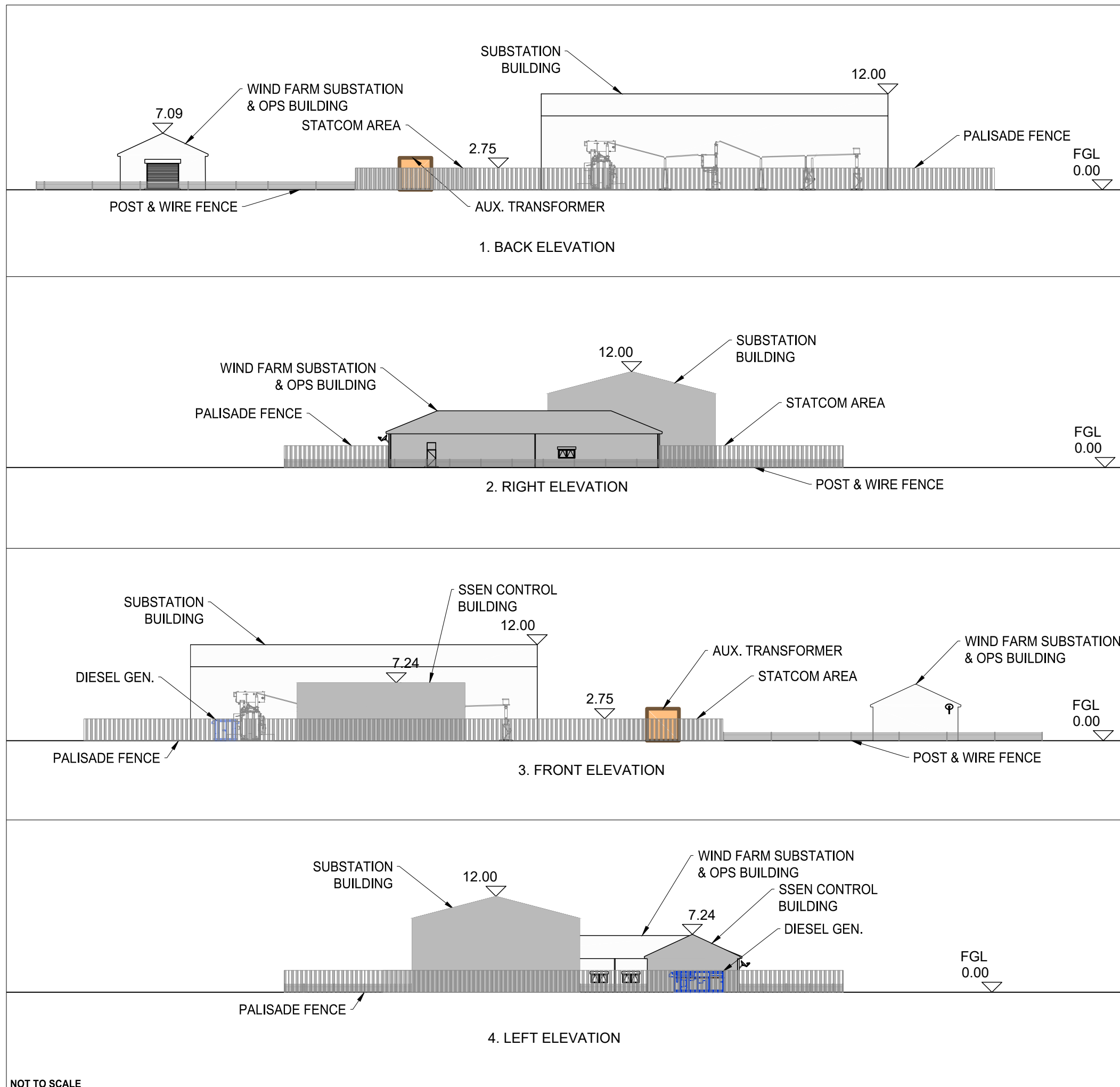
Figure 4.11: Typical Watercourse Crossing Methods



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Figure 4.12: Proposed Substation Elevations



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