

**The Great Grid Upgrade**

Sea Link

# Further Design Drawing

Version A

July 2024

**nationalgrid**



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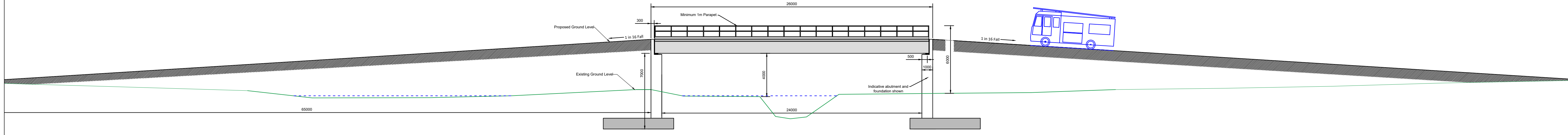
Notes

For Consultation purposes only.

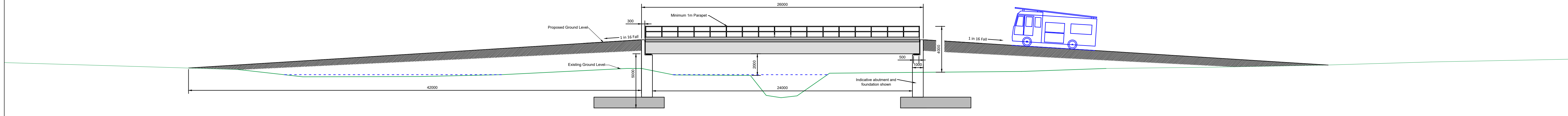
- All dimensions in millimetres unless stated otherwise.
- The bridge cross sections shown are indicative as are the ground profiles, designs will be finalised at detailed design following additional survey works.
- Parapet height is a minimum of 1m above the deck level shown, but may be higher depending on the proposed usage of the bridge structure.
- Approach ramps are shown indicatively with a 1 in 16 slope to accommodate the access for transformer abnormal indivisible loads (AILs).

Legend

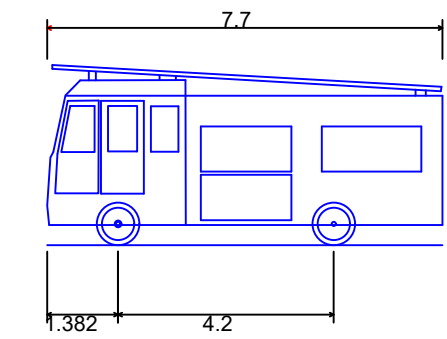
..... Indicative Design Flood Level



Typical Permanent Bridge Crossing- 4m clearance



Typical Permanent Bridge Crossing- 2m Clearance



Dennis Sabre Fire Tender (LWB)  
 Overall Length 7.700m  
 Overall Width 2.430m  
 Overall Body Height 3.512m  
 Min Body Ground Clearance 0.397m  
 Track Width 2.380m  
 Lock to lock time 5.00s  
 Kerb to Kerb Turning Radius 7.400m

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Issue	Date	Remarks	Drawn	Checked	Approved
P02	03/07/2024	Dimensions clarified	AS	SC	JW
P01	02/07/2024	Initial	AS	SC	JW

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Application Number	EN020026		
National Grid Drawing Reference	S42_S-TDD/ISS/0020		
Scale	Sheet Size	Sheet	Issue
As shown	A1	SHEET 1 OF 1	P02