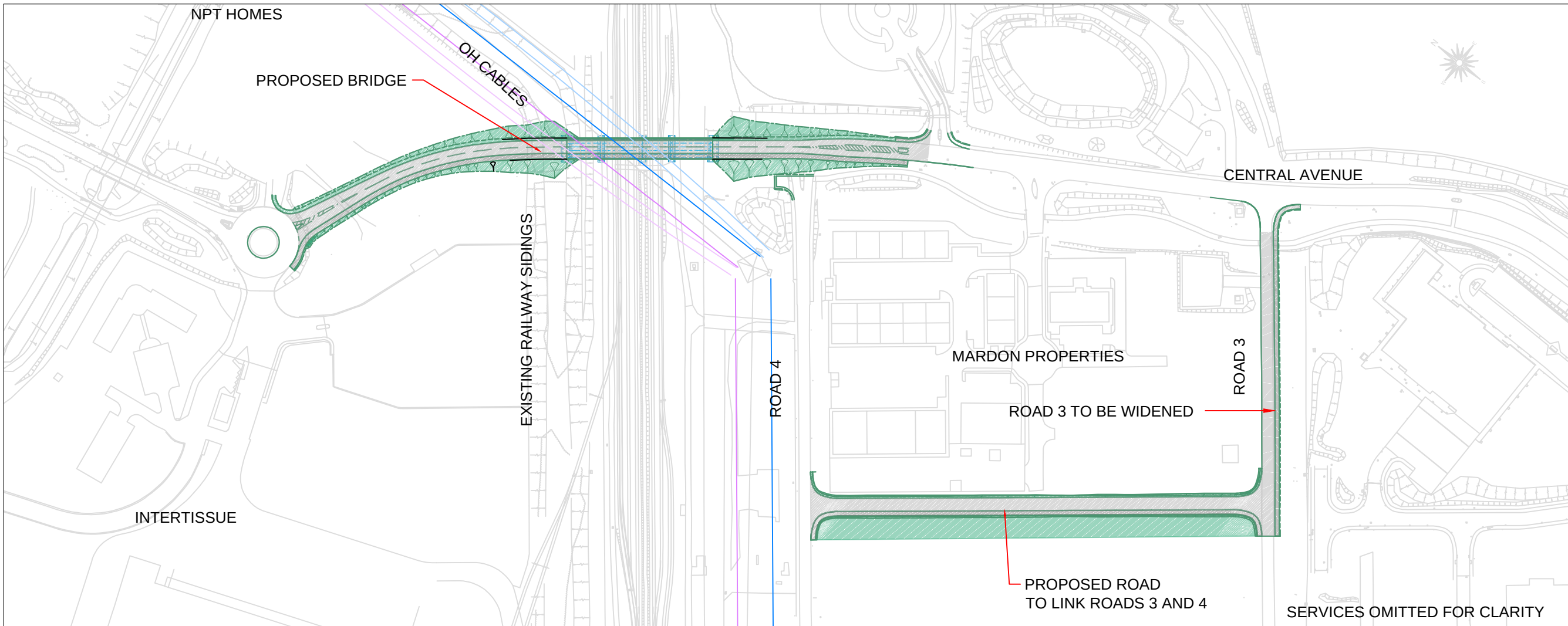
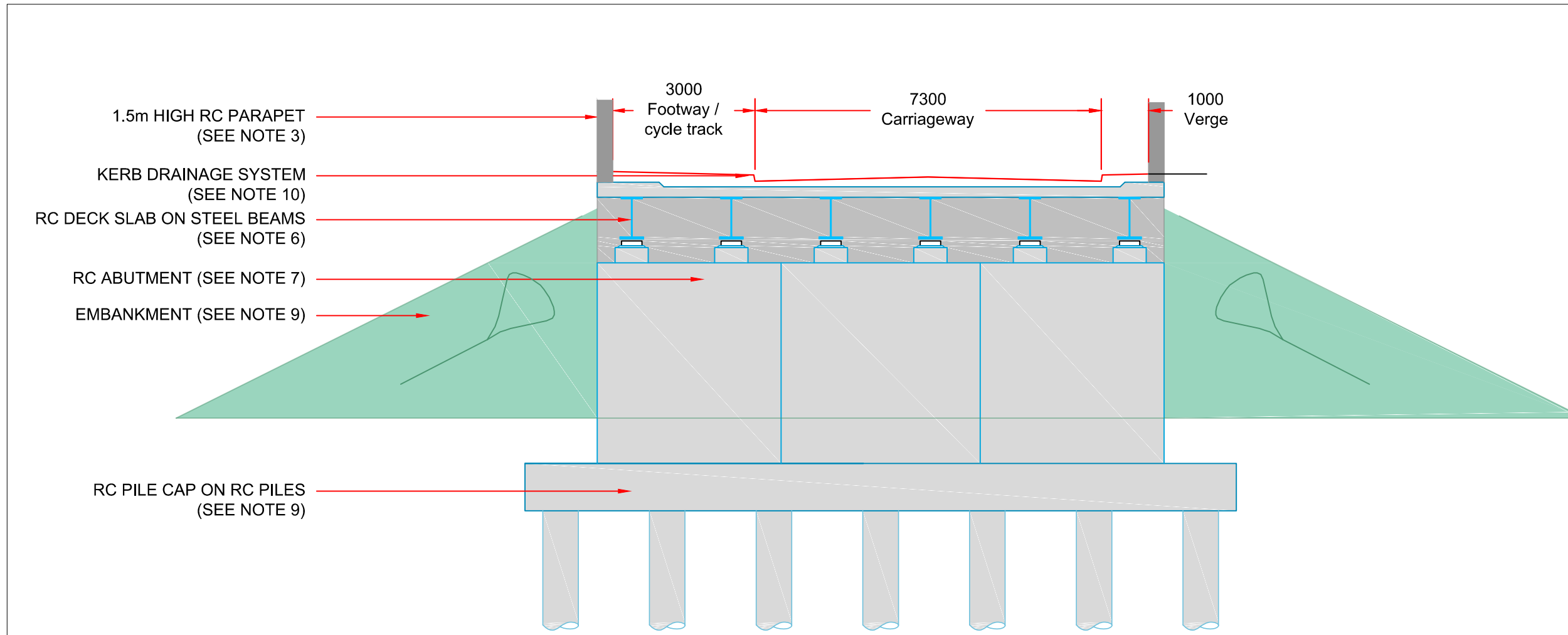
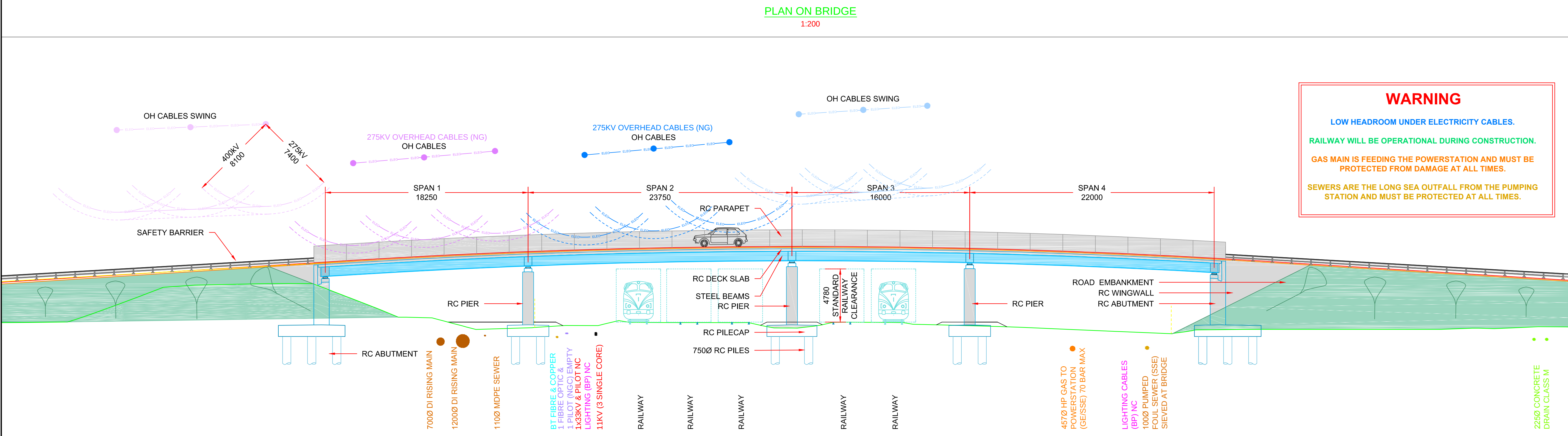
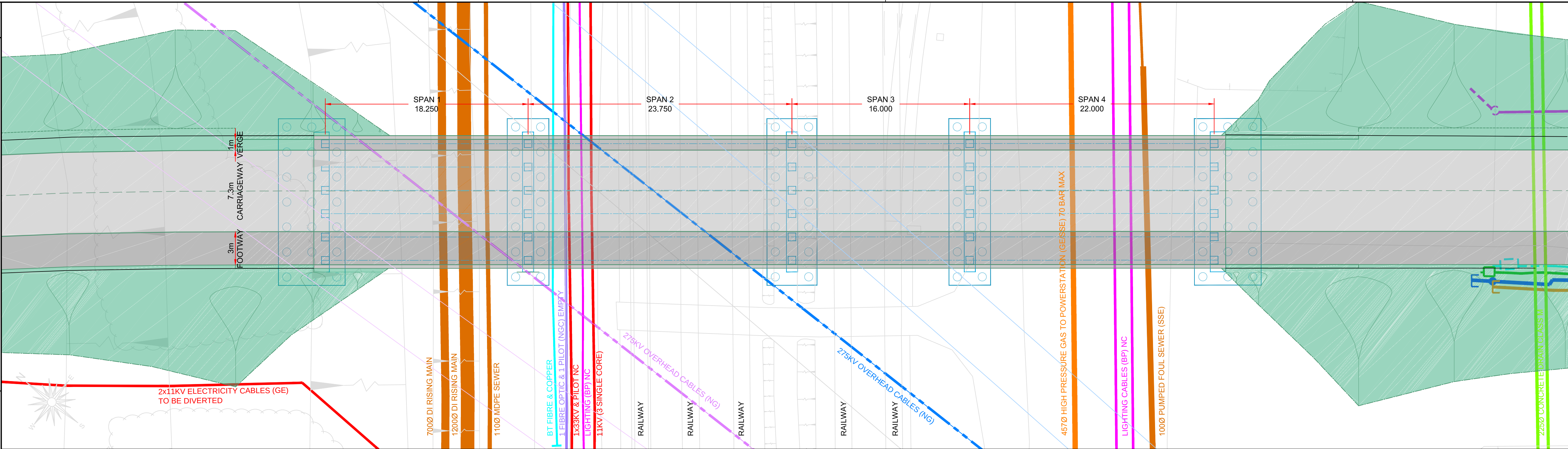
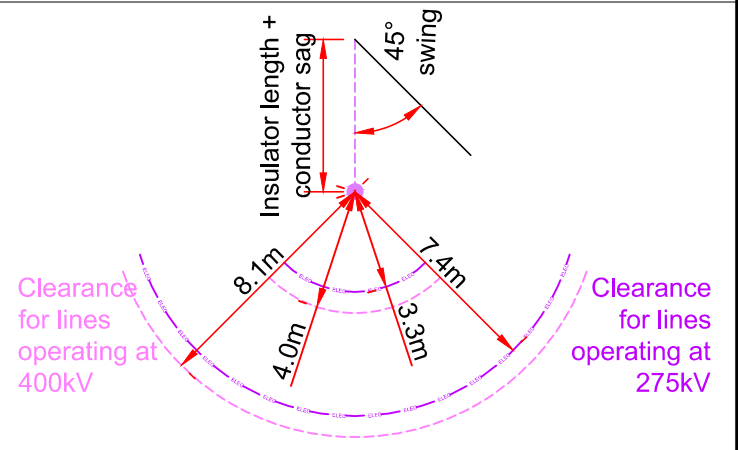




- THIS IS A C.A.D. DRAWING AND SHOULD NOT BE AMENDED BY HAND.
- All dimensions in millimetres unless otherwise stated.
- A single carriageway to link phases 1 and 2 of the Baglan Energy Park. The road will provide a 7.3 wide carriageway with a 3m wide footway/cycle track and a 1.0m verge.
- Widening road 3 and construction of a road to link the existing roads 3 and 4.
- ROAD RESTRAINT SYSTEM**
PARAPET
H4a reinforced concrete 'very high containment' parapet, with low-profile patterned finish to roadside (to discourage graffiti) and smooth finish to railway side. Parapet is to be 1.5m high (above footway).
- SAFETY FENCE**
Safety barrier is to be provided in the verge. See GA drawing for details.
- CARRIAGEWAY**
Carriageway is to be 7.3m wide to provide one lane in each direction. Gradient of the carriageway approach to the bridge is 1 in ****. For details of carriageway surfacing refer to GA drawings.
- FOOTWAY/CYCLEWAY**
A 3m wide combined footway / cycleway is to be provided on one side of the carriageway. A 1m wide maintenance strip is to be provided on the other side.
- DECK**
Bridge deck is to be reinforced concrete on steel beams. Beams are to be painted gainsborough blue.
- ABUTMENTS/PIERS**
Reinforced concrete abutments and piers, with smooth F4 finish to all exposed faces.
- FOUNDATIONS**
Foundations are to be piled. Piles will need to be bored reinforced concrete - piles can not be driven due to close proximity to gas main.
- EMBANKMENT**
Embankment slopes to be 1:2 for details of planting see landscaping drawing.
- DRAINAGE**
Drainage over the structure is to be provided by kerb drainage system see GA for details.
- FENCING**
No new fences will be provided as a result of the scheme.
- OVERHEAD LINES**
Clearance to overhead lines has been approved by National Grid. The lines are presently operating at 275kV however National Grid have permission to upgrade the lines to 400kV - clearance for 400kV has been provided.



Rev	Details	Dr	Ch	Ap	Date

Client	
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Neath Port Talbot
Castell-nedd Port Talbot
County Borough Council - Cyngor Bwrdeistref Sirol
ENGINEERING AND TRANSPORT

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Project

BAGLAN ENERGY PARK LINK BRIDGE

PLANNING APPLICATION
BAGLAN LINK BRIDGE AND ROAD 3 TO 4 LINK

BRIDGE GENERAL ARRANGEMENT

File No.	DC 5/27	Financial Code No.	26.007500.B054.261985
Drawn	AJP	Checked	AJP
Date	30.05.13	Date	30.05.13
Date	30.05.13	Date	30.05.13
Scales	AS SHOWN		
Drawing No.	D30168/PA/0008		