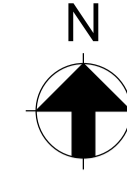


A1 A B C D E F G H I J K L M N

1
2
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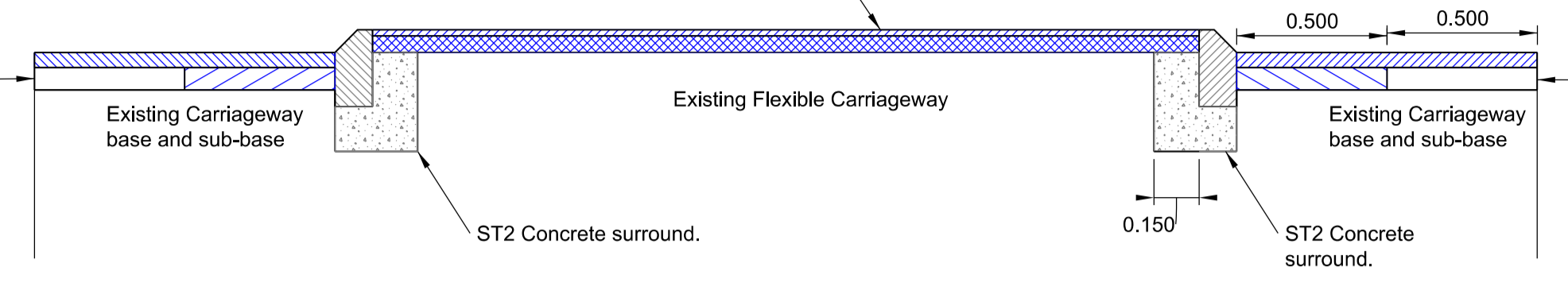


- Notes:
- All elevations are in metres above Ordnance Datum.
 - All pavement build ups have an assumed design CBR value of 3%. Contractor to verify actual CBR values at formation level on site and if CBR values less than 3% are achieved the pavement construction is to be amended in consultation with the designer. Minimum of two CBR tests to be undertaken.
 - Refer to drawing PNRJ-ARP-DR-CH-0005 for Standard Details.
 - All works to be undertaken in accordance with the Specification for Works (PNRJ-ARP-ZZ-SP-CX-0001).
 - All dimensions are in metres unless specified otherwise.
 - Refer to Specification for Highway Works Appendix 11/1 for full specification of kerbing to be provided.
 - No kerbing shall be cut to a length less than one third of its original size.
 - For kerb radii less than 12m, precast radius kerbs are to be used.
 - Pavement Type C1 - where sufficient compaction of the sub-base and carriageway foundation cannot be adequately achieved, the carriageway construction shall be replaced with ST1 mass concrete as per the narrow widening detail in drawing PNRJ-ARP-DR-CH-0005.

Key:

- Existing layout
- Proposed layout

Refer to 'Interface Between New Kerb and Existing Carriageway Pavement' (drawing PNRJ-ARP-DR-CH-0005) for details.



Kerbed Island Detail
Scale 1:20

Refer to 'Interface Between New Kerb and Existing Carriageway Pavement' detail (drawing PNRJ-ARP-DR-CH-0005) for details.

Refer to narrow widening detail (drawing PNRJ-ARP-DR-CH-0005) for tie in to existing carriageway following the installation of the new kerblines.

Existing layby to be removed. New kerb and soft landscaping to be provided.

Refer to longitudinal interference between new and existing carriageway detail (drawing PNRJ-ARP-DR-CH-0005) for tie in.

Tie into existing kerblines.

45 degree splayed kerb with 75mm upstand to island.

Pond

ing Wood
stages

P1	29/11/16	IJD	CW	AG
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For Approval

Rev	Date	By	Chkd	Appd
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Client
Cuadrilla Resources Ltd

Project Title
**Preston New Road Junction
at Shale Gas Test Site**

Drawing Title
**Access Junction
Proposed Paving and Kerbing**

Scale at A1 1:500

Role Civil

Suitability S2 - Fit for information

Arup Job No 252438-00	Rev P1
Name PNRJ-ARP-DR-CH-0003	

Pavement Construction							
Type	Paving Type	Surface Course	Blinder Course	Base Course	Sub-Base Course	Notes	
	C1	Asphalt Surface Course	40mm AC10 Close Surf 40/60 to BS EN13108 and BS59498.	60mm AC20 HDM bin 40/60 to BS594987 and BS EN 13108.	140mm AC32 HDM base 40/60 to BS594987 and BS EN 13108.	420mm Type 1 granular material to SHW clause 803	1 msa. HD26/06 and IAN 73/06. 5 Year Design Life
	C2	Asphalt Surface Course	20mm AC6 dense surf 100/150 to BS EN13108, BS59498.	Regulating 40-80mm AC20 dense bin/base 100/150 to BS594987 and BS EN 13108.	N/A	Refer to Kerbed Island Detail	HD 39/16 Light Vehicle Footway
	L1	Soft Landscaping	Carriageway construction to be broken out and minimum 150mm thickness top soil provided. Area to be grass seeded.				

Kerbing					
Type	Legend	Width	Upstand	Depth	Comments
K1		125mm	75mm	255mm	45 Degree splayed kerb