



- Notes:
- All elevations are in metres above Ordnance Datum.
 - Design Speed = 50 mph.
 - For site clearance refer to drawing PNRJ-ARP-DR-CX-0001.
 - For Vehicle Tracking refer to drawing PNRJ-ARP-DR-CH-0002.
 - For Pavements and Kerbing refer to drawing PNRJ-ARP-DR-CH-0003.
 - For Utilities refer to drawing PNRJ-ARP-DR-CU-0004.
 - For Standard Details refer to drawing PNRJ-ARP-DR-CH-0005.
 - All Dimensions are in metres unless stated otherwise.
 - Existing Highway Boundary to be retained and unmodified.
 - All road marking shall be in accordance with the Traffic Signs Regulations and General Directions 2016 and series 1200 of the Specification for Highway Works.

- Key:
- Junction visibility splay x=4.5m y=160m - DMRB Vol. 6 Section 2 (TD42/95)
 - Junction Visibility Splay x=2.4m y=160m - DMRB Vol. 6 Section 2 (TD42/95) - 1 step below desirable minimum.
 - Junction Approach Visibility Splay x=15m y=to junction extents. DMRB Vol. 6 Section 2 (TD42/95).
 - Existing Layout and Road Markings
 - Proposed Carriageway Layout and Markings
 - Existing Hedgerow.
 - Proposed Fencing.
 - Extent of Works
 - Proposed Bollards
 - Proposed Gully Relocation
 - Proposed High Mast Globe
 - Proposed duct connection to existing street lighting column. 2no. 100mm diameter ducts to be provided under carriageway with 450mm x 450mm chamber provided each side. 50mm diameter ducts to provide connection to lighting column.

C2	21/12/16	IJD	CW	RB
For Construction				
C1	14/12/16	IJD	CW	RB
For Construction				
P3	29/11/16	IJD	CW	AG
For Approval				
P2	25/11/16	IJD	CW	AG
For Approval				
P1	11/11/16	IJD	CW	RB
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
 General Arrangement
 and Visibility**

Scale at A1 1:500

Role Civil

Suitability A - Issued for construction

Arup Job No **252438-00** Rev **C2**

Name **PNRJ-ARP-DR-CH-0001**

- Notes continued:
- All road markings shall be thermoplastic road marking paint in accordance with BS EN 1871.
 - Traffic Management to be agreed with Lancashire County Council.
 - LCC have agreed a relaxation of DMRB standards for the visibility splays of the junction, where vegetation can be retained and managed to a 1m height within the visibility splay (max fence height of 1m within visibility splay).

Road Marking Line Widths and Colour

Line	Location	Road Design Speed (mph)	Width (mm)	Colour
D1004.1	Cycle Lane	50	100	White
D1004.1	Ghost Island	50	150	White
D1013.1(a)	Centre of A583	50	100	White
D1004	Centre Line for Access Road	50	100	White
D1009	Junction	50	100	White
D1003	Junction	50	200	White

Proposed Illuminated Vehicle Bollards

Bollard Reference	Arrow Direction
B1	left
B2	left

Hatched Markings

Diagram	Longitudinal Spacing (m)	Width of Hatch Lines (mm)
1040.2	2	150

- Key to Road Markings**
- Diagram 1039 (16m)
 - Diagram 1038 (6m)
 - Diagram 1038 (6m)
 - Diagram 1023 (3.75m)

