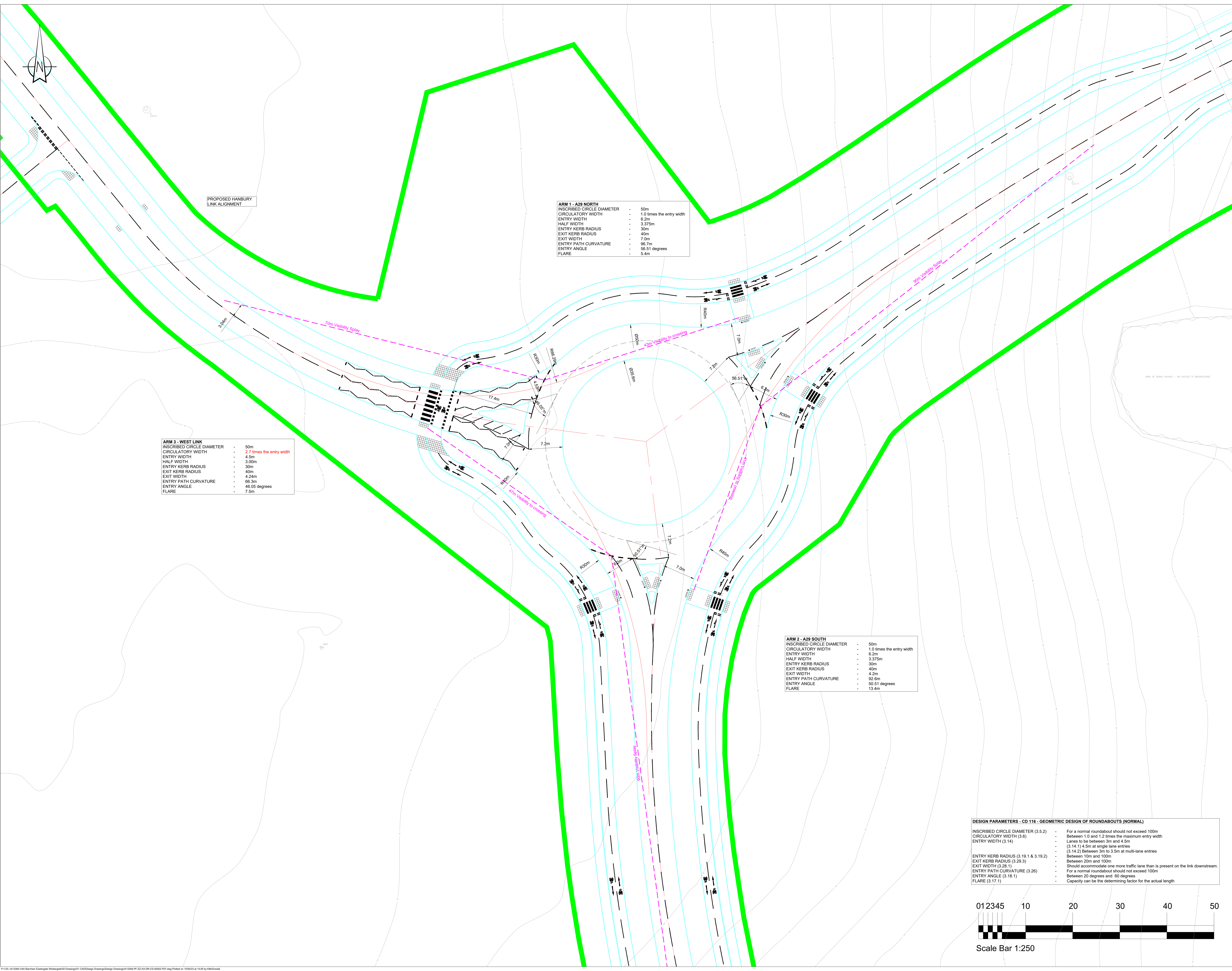




NOTES:

- Where the Contractor undertakes or engages a third party to undertake temporary works design, or varies the Pell Frischmann design in any way, then the Contractor will take full responsibility and liability for all design aspects, including a Design Risk Assessment. The Contractor shall inform Pell Frischmann of any proposed variances to the design.
- This drawing shall be read in conjunction with all other Electrical, Mechanical, Public Health & Architectural Drawings & The Specification.
- Topographical Information was provided by 3D Engineering Surveys and Pell Frischmann will not be held liable for any inaccuracies.
- Barnham Road Roundabout and Northern Link Road designed by WSP. Pell Frischmann will not be held liable for any inaccuracies contained within this section.
- Partial Western Link Road designed by CALA. Pell Frischmann will not be held liable for any inaccuracies contained within this section.

KEY:

A29 ROAD CORRIDOR

PROPOSED KERBS

Junction Visibility Spays based on Table 7.1 from Manual for Street. This applies to Western Link, Barnham Station Link and the Hanbury Link.

Table 7.1 Derived SSDs for Streets (figures rounded)

Speed	Kilometres per hour	16	20	24	25	30	32	40	45	48	50	60
Miles per hour		10	12	15	16	19	20	25	28	30	31	37
SSD (metres)		9	12	15	16	20	22	31	36	40	43	56
SSD adjusted for bonnet length. See 7.6.4		11	14	17	18	23	25	33	39	43	45	59

Additional features will be needed to achieve low speeds

Junction Visibility Spays based on Table 2.10 from DMRB CD 109. This applies to all junctions on A29 Link Road.

SSD (metres)	10	12	15	16	19	20	25	30	32	40	45	50	60
SSD (metres)	9	12	15	16	20	22	31	36	40	43	45	59	

Design Principles

Standards of Highway design are based on DMRB CD 116 & CD 109 and Manual for Streets to Road Design Speed of 30 mph for A29, East/West link and other link roads based on 20mph.

The Minimum Road width for A29 is 6.75m, allowing for the flow of two way traffic.

The Minimum Road width for East/West link and other link roads is 6m, allowing for the flow of two way traffic.

The A29 will have 5m Wide Verges with a 5m wide two way Segregated Footway/Cycleway, running parallel with the alignment of the Carriageway.

REV	DESCRIPTION	DRN	CHK	APP	DATE
P07	Details amended following comments from WSCC	KM	TM	TM	12.06.23
P06	Details amended following comments from WSCC	KM	TM	TM	30.01.23
P05	Additional details added in accordance with WSCC	KM	TM	TM	28.07.22
P04	Client Reference updated	KM	TM	TM	10.01.22
P03	Scale Bar Added	KM	TM	TM	05.11.21
P02	Minor amendments following comments from team	KM	TM	TM	05.10.21
P01	ISSUED FOR REVIEW	KM	PW	TM	13/08/2021

Pell Frischmann

5th Floor, 85 Strand London WC2R 0DW

Telephone +44 (0)20 7486 3661

Email: pf@pellfrischmann.com

www.pellfrischmann.com

Client

CC Projects
Ashmarden Ltd
Hanbury (PM) Ltd

Project

BEW Parcel SC1

Drawing Title

A29 Link Road
A29-9 Roundabout
Design Audit

Drawn	Name	Date	Scale	Revision
Drawn	KM	July 2021	1:250 @ A0	
Designed	KM	July 2021	File No. A13394-PF-ZZ-XX-DR-CD-05052 P07.dwg	
Checked	PW	July 2021	Drawing Status	Preliminary
Approved	TM	July 2021		
Drawing No.	A13394-PF-ZZ-XX-DR-CD-05052			P07

P:\133-IA13394-VIA Barnham Eastgate Westgate050 Drawings\1 CAD\Design Drawings\Design Drawings\A13394-PF-ZZ-XX-DR-CD-05052 P07.dwg Plotted on 15/05/23 at 14:00 by RHM/Dowd