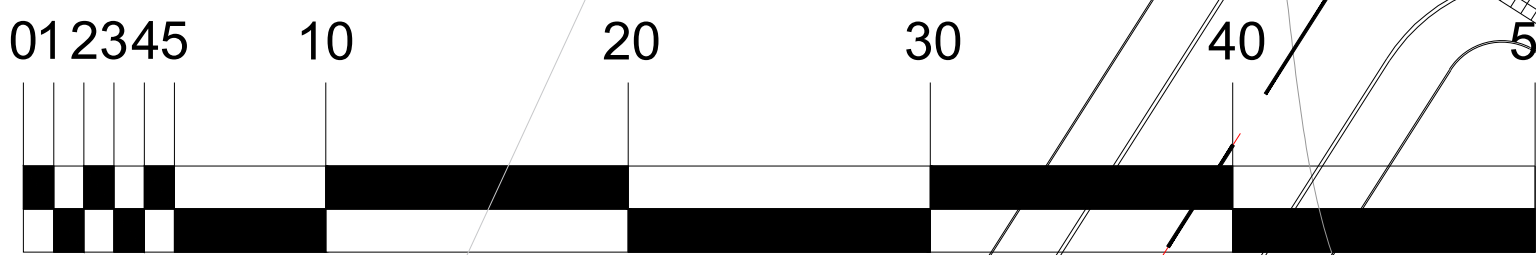


PROPOSED EAST/WEST  
LINK ALIGNMENT

PROPOSED BARNHAM  
LINK ALIGNMENT



Scale Bar 1:250

#### 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.

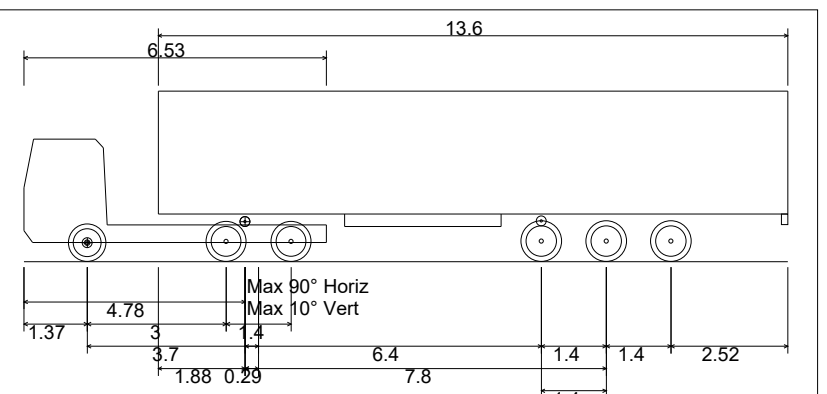
#### KEY:

A29 ROAD CORRIDOR

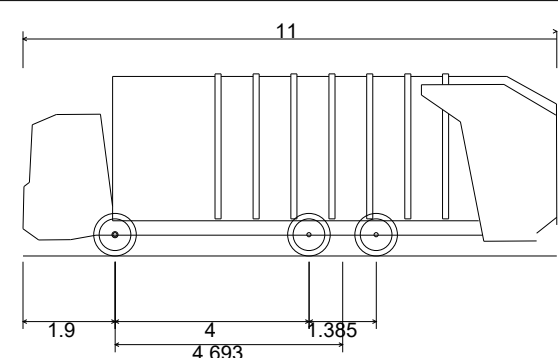
PROPOSED KERBS

#### 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 4m wide two way Segregated Footway/Cycleway, running parallel with the alignment of the Carriageway.



Max Legal Length (UK) Articulated Vehicle (16.5m)  
Overall Length 16.500m  
Overall Width 2.550m  
Overall Body Height 3.581m  
Min Body Ground Clearance 0.411m  
Max Track Width 2.500m  
Lock-to-lock time 6.00s  
Curb to Curb Turning Radius 6.530m



WSPCC Refuse Vehicle  
Overall Length 11.000m  
Overall Width 2.530m  
Overall Body Height 3.751m  
Min Body Ground Clearance 0.304m  
Track Width 2.500m  
Lock-to-lock time 4.00s  
Wall to Wall Turning Radius 9.000m

|                    |                                               |    |    |          |
|--------------------|-----------------------------------------------|----|----|----------|
| P02                | Details amended following comments from WSPCC | KM | TM | 12.06.23 |
| 28th March 2023    |                                               |    |    |          |
| P01                | Details amended following comments from WSPCC | KM | TM | 30.01.23 |
| 11th November 2022 |                                               |    |    |          |

|     |                   |     |     |     |          |
|-----|-------------------|-----|-----|-----|----------|
| P02 | ISSUED FOR REVIEW | KM  | PW  | TM  | 26.07.22 |
| REV | DESCRIPTION       | DRN | CHK | APP | DATE     |

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Client  
**CC Projects**  
**Ashmarden Ltd**  
**Hanbury (PM) Ltd**

Project  
**BEW Parcel SC1**

Drawing Title  
**A29 Link Road**  
**A29-4 Roundabout**  
**Swept PAth Analysis**

| Name        | Date                        | Scale     | 1:250 @ A0                                   |
|-------------|-----------------------------|-----------|----------------------------------------------|
| Drawn       | KM                          | July 2022 |                                              |
| Designed    | KM                          | July 2022 | File No. A13394-PF-ZZ-XX-DR-CD-00700 P02.dwg |
| Checked     | PW                          | July 2022 | Drawing Status                               |
| Approved    | TM                          | July 2022 | Preliminary                                  |
| Drawing No. | A13394-PF-ZZ-XX-DR-CD-00700 |           |                                              |
| Revision    | P02                         |           |                                              |