



NOTES:

- Where the Contractor undertakes or engages a third party to undertake temporary works design, or writes 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.

Location Plan

KEY:

- A29 ROAD CORRIDOR
- PROPOSED CARRIAGEWAY  
HRA Carriageway Surfacing
- ASPHALT SPLITTER ISLAND/CROSSING POINTS  
Asphalt Footway Surfacing
- SEGREGATED PEDESTRIAN FOOTWAY  
Asphalt Footway Surfacing
- SEGREGATED CYCLEWAY  
Contrasting asphalt finish to footway. Physical delineation strip to be Kerb or similar agreed at detailed design stage.
- GRASS VERGE/SWALE  
Please Refer Landscaping Drawings for details
- PROPOSED KERBS
- FOOTWAY EDGING KERB
- STREET LIGHTING
- ROAD ZONE (NORTH)  
Potential earthworks zone necessary for the construction of the road. Extent of earthworks and road landscaping to be agreed via condition. Residual land to form part of development parcels
- Junction Visibility Splays 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 Splays based on Table 2.10 from DMRB CD 105. This applies to all junctions on A29 Link Road.
- DMRB Design speed related measures

| Design speed (km/h)                 | 100  | 80   | 60   | 50   | 40   | 30   | 20   | 10   | 5    |
|-------------------------------------|------|------|------|------|------|------|------|------|------|
| Minimum lane width (metres)         | 10.0 | 8.5  | 7.0  | 6.0  | 5.0  | 4.0  | 3.0  | 2.0  | 1.5  |
| Minimum lane width (feet)           | 32.8 | 27.9 | 23.0 | 19.7 | 16.4 | 13.1 | 9.8  | 6.6  | 4.9  |
| Minimum P & Y width (metres)        | 2.00 | 1.80 | 1.50 | 1.20 | 1.00 | 0.80 | 0.60 | 0.40 | 0.30 |
| Minimum P & Y width (feet)          | 6.56 | 5.91 | 4.92 | 3.94 | 3.28 | 2.62 | 1.97 | 1.31 | 0.98 |
| Minimum P & Y width (metres) - 100m | 2.00 | 1.80 | 1.50 | 1.20 | 1.00 | 0.80 | 0.60 | 0.40 | 0.30 |
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| Minimum P & Y width (feet) - 100m   | 6.56 | 5.91 | 4.92 | 3.94 | 3.28 | 2.62 | 1.97 | 1.31 | 0.98 |
| Minimum P & Y width (metres) - 1    |      |      |      |      |      |      |      |      |      |