

SUBMISSION TO WEST SUSSEX COUNTY COUNCIL FOR DEPARTURES FROM STANDARD

Project Name	BEW Parcel SC1 - Form 4
Applicant Organisation	CC Projects, Ashmarden Ltd, Hanbury (PM)
Applicant Ref	BEW Parcel SC1
Highway Authority Ref	ADC Ref BN/11/22/OUT
Applicant Contact Details	Terance McLaughlin Pell Frischmann 07958039622
Date Submitted	17.07.2023 - Rev4

1) PROJECT DETAILS

A	Description	Outline application with all matters reserved (except for the A29 Realignment) for the demolition of existing structures and mixed use development to provide residential dwellings (Use Class C3), Care Home/Senior Living Accommodation (Use Class E/F2/Sui Generis), a Primary School plus open space, landscaping, drainage and all other associated ancillary works; and realignment of the A29 and early connection to existing A29 including construction of a new road carriageway, junctions and associated infrastructure. This application also lies within the parish of Aldingbourne, affects the setting of listed buildings, affects the character & appearance of the Eastergate Church Lane Conservation Area and affects a Public Right of Way. This application is the subject of an Environmental Statement.
B	Location	Ghost Island junction into Lidsey Caravan Park
C	Road Category	Urban Road
D	Road Type	S2 (Ref CD 109 table 2.3)
E	Design Speed	70A kph (determined by CD 109 Urban Road Speed Limit)
F	Speed Limit	40mph
G	Traffic Flows	466 AM - 576 PM
H	NMU Flows	

2) DEPARTURE DETAILS

A	Discipline Type	Road Geometry Ghost Island Junction leading to Lidsey Caravan Park
B	Relevant Standard(s)	CD123 - Geometric design of at-grade priority and signal-controlled junctions
	Clause	Table 5.22
C	Difference Between Standard(s) and proposed design	The standards require (for 70Akph) in accordance with table 5.22 a Deceleration Length of 40m (including a direct taper of 15m) and a Turning length of 10m. Total length 50m The design due to the proximity of the proposed southern roundabout provides 25.45m. This equates to 2no car/caravan lengths at 12m each.
D	Reason for Departure (overview)	Proximity between proposed southern roundabout and existing caravan park priority junction
E	Associated Project Departures	Visibility at priority junction once roundabout is introduced: visibility to the right of the junction is unaffected by the proposed roundabout and is measured at 90m. Visibility to the left 120m is achieved but will be across the proposed roundabout. 45m visibility is achieved from exit of roundabout.
F	Other Options Considered	Moving roundabout. This is not considered possible due to land ownership boundaries. The proposed position allows for all accesses to be maintained.

3) JUSTIFICATION (POTENTIAL POSITIVE AND NEGATIVE IMPACTS)

A	Safety	As part of the development the introduction of this roundabout south of the Lidsey Bends will naturally maintain slowed traffic. Traffic surveys show vehicle speeds to be around 40mph.
B	Congestion/ Delay	Minimal delay with the introduction of the roundabout
C	Environmental / sustainability	None
D	Capital and whole life cost/value	None
E	Accessibility	None
F	Integration	None
G	Structural	None
H	Network resilience & Maintenance	Roundabout to be designed and constructed in line with WSCC and Specification for Highway Works standards

4) COMPENSATORY MEASURES

A	Included Measures	Additional signage and red markings proposed to be introduced to reinforce speeds. This is to be developed at Detailed Design Stage
B	Rejected Options	Rumble Strip on approaches to junctions rejected by WSCC under consultation

5) DESIGN ORGANISATIONS CONCLUDING REMARKS

The location of this roundabout has been considered optimum based upon the available frontage space along Lidsey Road. Various options and scenarios have been tested alongside the masterplan and its proposed location provides a balance of space and required space for visibility.

6) ATTACHMENTS AND OTHER INFORMATION

A	List of Attachments	A13394-PF-ZZ-SK-DR-CD-01003 - Departure clouded on drawing PF drawing A13394-SK035
B	Consultations	
C	Other Information	

7) DECISION – (HIGHWAY AUTHORITY USE ONLY)

NAME 1	David Lambert		
ROLE	Lead Professional - Highway Design		
SIGNED		DATE	
NAME 2	Alex Sharkey		
ROLE	Improvements Team Manager		
SIGNED		DATE	
MARK ONE BOX:	1- APPROVED ☐	2-APPROVED WITH COMMENTS ☒	3- REJECTED ☐
COMMENTS	Additional signs or red markings will not be required at this location.		