

Cumberworth Lane, Denby Dale

RSA Decision Log - Rev 0 - 12/2024, in response to Stage 1 RSA by Paragon Hig

Road Safety Audit problem	Road Safety Audit Recommendation
PROBLEM 1 Location: Access roads connection to the existing highway Summary: Although the proposed layout drawing identifies a sight line to the north of 43 metres and to the south of the junction 34.3 metres, no actual visibility splays are shown on the drawing. Failure to provide adequate visibility could result in drivers emerging from the site into the path of through traffic resulting in a collision and subsequent injury to the	The detailed design should include details of the full visibility available at a set back of 2.4 metres from the channel line of the improved access with Cumberworth Lane
PROBLEM 2 Location: Access road and interal layout Summary: The proposals do not identify how the highway and the connection to Cumberworth Lane will be drained in terms of long and cross fall gradients. Failure to provide suitable vertical alignment and associated surface water drainage provision could lead to standing water which could result in vehicles losing traction under braking conditions when entering the access resulting in loss of control type collisions. Furthermore, this issue could be exacerbated during the winter months due to the formation of ice	The detailed design should include information on how the estate road will be drained, in terms of long and cross fall gradients, along with suitable provision to collect highway surface water in and around the proposed connection to Cumberworth Lane
PROBLEM 3 Location: Access onto Cumberworth Lane Summary: There are existing radii at the junction with the Cumberworth Lane however, no details are provided on how the improved arrangements will tie into same in relation to pedestrian movement through the junction. Failure to provide suitable alignment with the existing arrangements could result in pedestrians having to negotiate two sets of kerb lines, at both sides of the junction, which would create a trip hazard resulting in pedestrian falling in the highway and subsequent	The detailed design should ensure that the proposed junction arrangements fully acknowledge the existing layout
PROBLEM 4 Location: Access to existing garage on southern side of the access road	Full cognisance must be given to the existing arrangement and suitable warning signage or similar should be included within the overall design

Summary: There is an existing garage with an access to same running parallel with the access road. See photograph immediately below. Currently there are only a low number of vehicles movements past this point of access to the garage therefore, the potential for conflict is minimal. The fence along the northern boundary of the garage access does obscure visibility of vehicles leaving the main site of any driver egressing this arrangement with the potential for a collision and subsequent injury to the	included within the overall design
PROBLEM 5 Location: Access to plot 1 & 2 Summary: The horizontal alignment of the proposed highway to the west of the parking spaces and the provision of what appears to be a hedge line would obscure visibility of drivers reversing from the parking spaces onto the main spine road resulting in a collision and subsequent injury to the occupants	The detailed design should ensure that the proposals provide full intervisibility to current standards
PROBLEM 6 Location: Access road full length Summary: The proposals do not include street lighting details. It is unclear to the Audit Team if adequate street lighting will be provided along the access road. Failure to provide street lighting could lead to pedestrians failing in the highway during the hours of darkness. Also, intervisibility between motorists and pedestrians would be severely restricted, increasing the likelihood of a vehicle	The proposals should include suitable street lighting provision along the whole length of the proposed access road

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Design Team response	Overseeing Organisation Response
No, Visibility clearly shown on drawing 23-058-10F.	
Accepted - Yes - Drainage design outside of our scope of works to be completed by others.	
Accepted - Detail design of connection with existing pavement to be provided.	
Accepted - Signage details to be provided.	

Accepted - Hedge line to be reduced to allow for visibility.	
Accepted - Yes Lighting design outside of our scope of works to be completed by others.	

Agreed RSA Action

