



Vale of Glamorgan Highway Authority Observation Sheet

Planning Application Ref:	2021/00423/FUL
Observations By:	James Aitken
Date:	20th September 2022
Location:	Land at Bolston House, Bonvilston
Proposal:	Demolition of the existing dwelling and redevelopment of the site to accommodate residential development and associated works
Case Officer:	Mr. Shafqut Zahoor

Further to the below observations dated 10th May 2022, it has been highlighted by the planning authority that there is not an intention to address the highway comments and amend the layout accordingly.

There is concern from the highway authority for the following reasons:-

1. The kerb radii for the proposed new junction at the site entrance do not mirror one another and kerb radii of 8m on the right hand side and 4m on the left hand side are proposed. This is not in accordance with highway design criteria or standards and as such junction radii should match on both sides unless specific criteria such as deceleration lanes or merging tapers dictate otherwise.
2. The 4m radius could present issues for vehicles turning into the site and could potentially cause safety issues along the A48 for vehicles having to slow down more abruptly to negotiate the tight radius. The A48 is a de-trunked A class road with AADT flows in excess of 15,000 vehicles and greater than 5% of flows are HGV's and the speed limit is 40mph. The swept paths provided indicate that a larger HGV would need to use all the available width of the proposed access road to enable entry which could cause conflict with vehicles exiting the site and vehicles turning into the development site from the West.
3. Swept paths have not been provided for large HGV's accessing and leaving the site via the Westbound Carriageway therefore the suitability of the new junction for this direction of traffic cannot be justified.

