

**Heron Land Developments
Taylor Wimpey
Persimmon Homes**

**West Durrington,
Proposed new T-junction on
Titnore Lane**

**Designers' Response to the Mayer
Brown Stage 1 Safety Audit dated
August 2007**

**Mayer Brown Safety Audit report
title:
Proposed Residential Development,
Titnore Lane, West Durrington,
Worthing - Access Arrangements**

Project Ref: 5969/105

January 2008

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Proposed Residential Development, Titnore Lane, West Durrington, Worthing - Access Arrangements

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Date: January 2008

	Name	Position	Signature	Date
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For and on behalf of Peter Brett Associates				

*Issue	Revision	Description	Date	Signed

*Delete as appropriate

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Designers' Response to Items Raised in the Mayer Brown Stage 1 Safety Audit

This report refers to the Proposed Residential Development, Titnore Lane, West Durrington, Worthing – Access Arrangements – Stage 1 Safety Audit – August 2007 prepared by Mayer Brown Ltd.

N.B. Problem numbers from Safety Audit shown in brackets

- (3.1) Drawing 5969/105/025b describes fully the detail relating to the achievable stopping sight distance (SSD) for the proposed access. However, our 'Design Audit' report overlooked to state that the full southbound SSD (120 metres) would be reduced to 85-95m between 180m (i.e. 1.5 x SSD) and 170m back from the junction centreline. This is detailed on the scheme drawing. Strictly this is a departure from standards and therefore the highway authority, West Sussex County Council, is requested to formally approve the departure.
- (3.3) i) Inspection chambers and manhole locations will be considered carefully during detail design to avoid potential safety issues for two-wheeled vehicles where possible. The use of high friction manhole covers will also be considered where appropriate.
ii) The proposed development roads layout will ensure that vehicles do not need to reverse onto Titnore Lane.
- (3.5) The Design Team note the Mayer Brown safety audit team's comments and have subsequently carried out an appraisal to demonstrate the consideration given to the issue of whether road lighting should be provided at the proposed new development access T-Junction and the proposed improvements to the existing junction of Titnore Way with Titnore Lane.

Refer to the following PBA document for the detailed response and exception statement on this issue:

'West Durrington - Titnore Lane proposed development access junction and highway improvement scheme to the existing Titnore Way junction – Report on the appraisal of the need for road lighting', January 2008.

- (3.6) The design team note the Safety Auditors comments.
- (3.8) Engineers and Landscape Architects will ensure that detailed proposals will indicate 0.6m high planting restriction within visibility splays.
- (3.10) Proposals will include advanced junction warning signs where the required forward visibility can not be achieved. In addition, red surfacing in ghost islands, high mounted and high visibility keep left signs will also enhance driver awareness of the junction. Advance direction signage will be considered with the developer and highway authority and implemented if appropriate.

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- (3.12)** The development will be served by a proposed public transport route circulating via the internal residential roads with appropriately located bus stops and internal continuity of footways. The public service vehicles will not access the development via Titnore Lane but via a second access which forms an extension to an existing public transport route. There is no existing provision for pedestrians and public transport in Titnore Lane and the Transport Assessment (TA) has not indicated future demand from the proposed development.
- (3.14)** As noted in the response to (3.12) the TA does not indicate any demand for such a facility. However, continuity of a grass verge, from the new junction with Titnore Lane, will be provided at detail design to ensure pedestrians are not forced to walk in the new access road. It should be noted that provision of further continuity of verge (other than for visibility requirements), will not be provided adjacent to Titnore Lane.

Re: Informatory Comment by the Mayer Brown safety audit team.

The Design Team note the Safety Auditors' comments. Independent of the proposals for this proposed access and the proposed improvements to the Titnore Way/Titnore Lane junction a scheme of mitigation measures including enhanced signing and lighting etc has been proposed for the whole length of Titnore Lane. This scheme is under appraisal with West Sussex CC, has been Safety Audited and can be implemented or not independently of the junction access works without detriment to it.