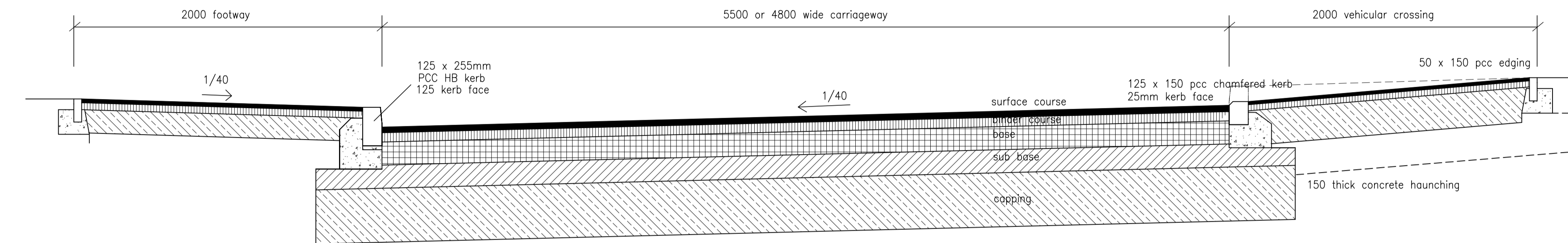
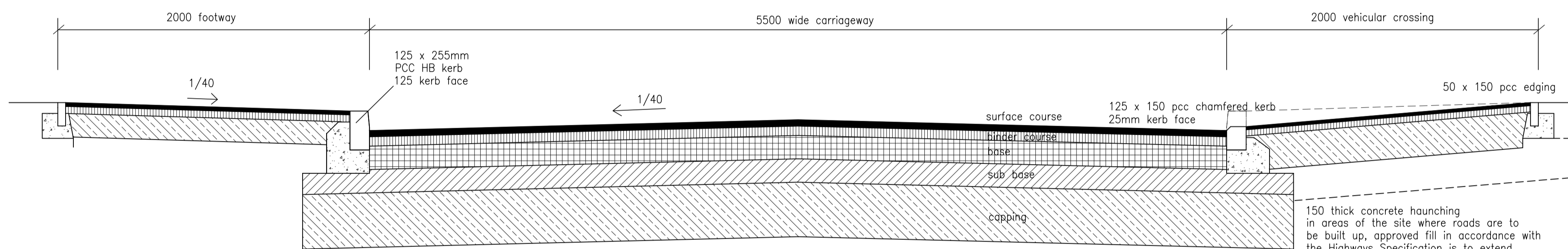


ALL WORKS TO BE IN ACCORDANCE WITH NOTTS COUNTY COUNCIL STANDARDS

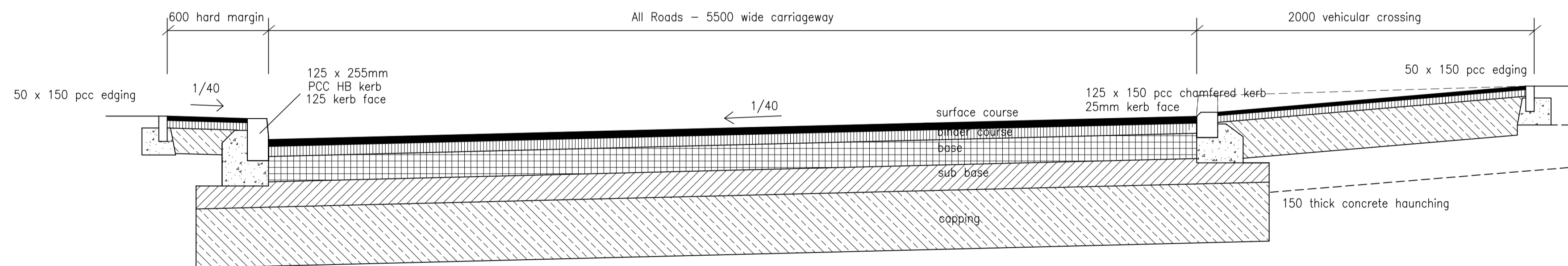
SEE SITE LAYOUT DRAWING FOR FOOTPATH/MARGINS ETC ON EACH ESTATE ROAD
SEE CENTRELINE LEVELS DRAWING FOR CAMBERED / CROSS FALL DETAILS



Section through Typical Cross falling Road



Section through Typical Cambered Road



Section through Road 1 & 12 where Hard Margin present

- Carriageway construction :
- 40mm thick close graded surface course (10mm aggregate)
 - 60mm thick dbm binder course (20mm aggregate)
 - 150mm thick dbm base (28mm aggregate)
 - 200mm thick type 1 sub base
 - 400mm thick capping layer (for 2% CBR – see table for required CBR/thicknesses)
- Footway construction :
- 20mm thick dense bitumen macadam surface course (6mm aggregate)
 - 50mm thick dense bitumen macadam binder course (20mm aggregate)
 - 160mm thick type 1 sub base – 225mm at vehicular crossings

CAPPING LAYER & SUB BASE THICKNESS				
OPTION A		OPTION B		
CBR RESULT	CAPPING LAYER (MM)	SUB BASE (MM)	CAPPING LAYER (MM)	SUB BASE (MM)
MORE THAN 15%				200
5 – 15%	200	200		225
4%	250	200	–	275
3%	300	200	–	300
2%	400	200	450	150
LESS THAN 2%	550	200	600	150

CBR TEST RESULTS TO BE SUBMITTED TO NOTTS CC HIGHWAYS PRIOR TO FINAL ROAD CONSTRUCTION BEING UNDERTAKEN

NOTTS CC HIGHWAYS NOTES

- Brickwork to all structural applications to be solid engineering bricks (ie. no voids, cavities or perforations).
- Traffic signs and highway markings required at junctions and areas of traffic calming to be provided by the developer in accordance with The Traffic Signs Regulations and General Directions, Department of Transport and Local Authority Specification. All traffic management and calming systems shall comply with the NCC Traffic Calming Design Guide.
- All traffic management/calming systems shall comply with the Nottinghamshire County Councils Traffic Calming Design Guide.
- Traffic-calming signs are to be illuminated by means of internal or external lighting throughout the hours of darkness.
- Street nameplates signs are to conform to Notts County Council Specification and are to be manufactured and erected by the Construction Services Section on a rechargeable basis. (Note it is the sole responsibility of the developer to ensure T bar plates (Diagram 816.1, indicating no through road to vehicular traffic) are included where applicable).
- Kerbing at turning head areas should incorporate internal angled kerbs.

Developers must ensure early contact with all Statutory Undertakers. Service mains should be laid solely within footways or service strips and are not permitted to cross turning heads or the carriageway, except at road junctions. See constructional drawing for recommended arrangement for utilities services in a 2m wide footway/service strip. Note that only street lighting is allowed within hard margins.

To avoid future conflict over ownership/maintenance of areas of land between boundary fences and the rear of public highway, the Local Authority Engineer may at his discretion re-position boundary fences and walls. This is to ensure that all boundaries are contiguous with the limits of public highway depicted by the Section 38 agreement.

No completion works will be authorised until a formal certificate of conformance to relevant specification is received from STWA Ltd (see additional covenant S38 agreement).

The aggregate in any temporary running surface eg. roadbase, basecourse or regulating course which is to receive traffic for more than 3 days, shall have a minimum PSV of 50 for minor residential roads. For local distributors and major residential roads the aggregate shall have a minimum PSV of 59.

Aggregate for carriageway surface course shall have a minimum PSV of 60 or greater depending upon nature of the site.

Compaction control shall be achieved by air void testing for both base and binder (maximum air void ratio 6%).

Any recycled material to be used for highway construction purposes to be allowed subject to it satisfying relevant tests as instructed by this Authority.

All highway works should be carried out in accordance with NCC General Specification for Roadworks and the Highway Design Guides, in force at time of construction.

No footway or carriageway completion works are to be carried out during the period Dec 1st – Feb 28th (See additional covenant Section 38 agreement).

Revision:

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e-mail james@jameseatondesign.co.uk

Client:
Harron Homes

Site: **Retford**
Phase 3

Title:
Highway Construction
Cross Sections.

Date: Jan 21 Scales: 1/20 Drawing No. M21/1006/1011

1. All work to be in accordance with the current Building Regulations 2. Only written dimensions to be used 3. Discrepancies and abnormalities to be reported 4. If in doubt Ask