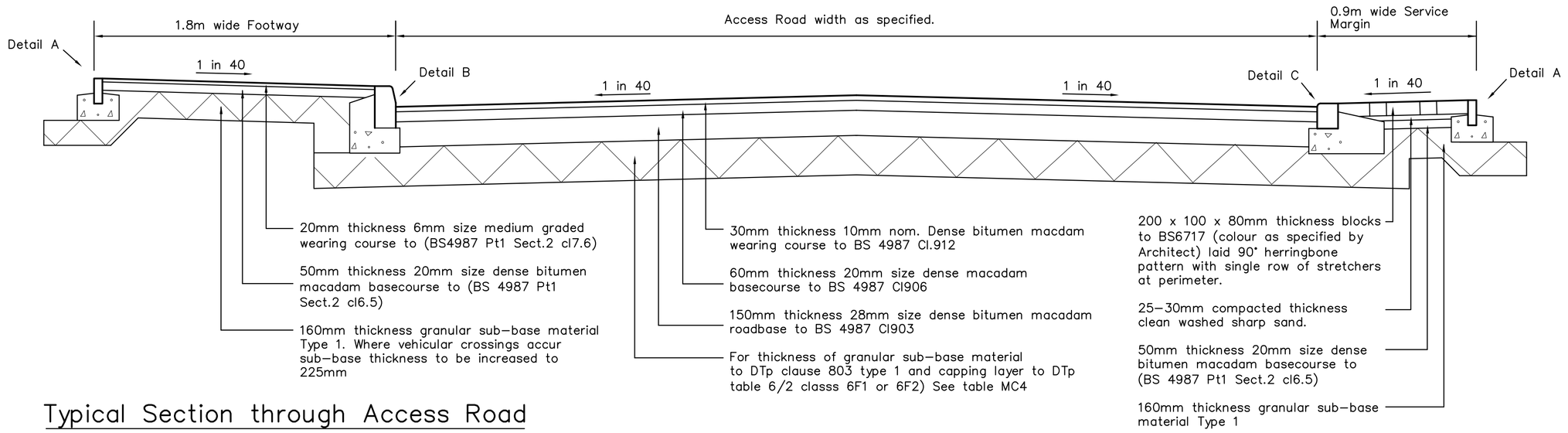
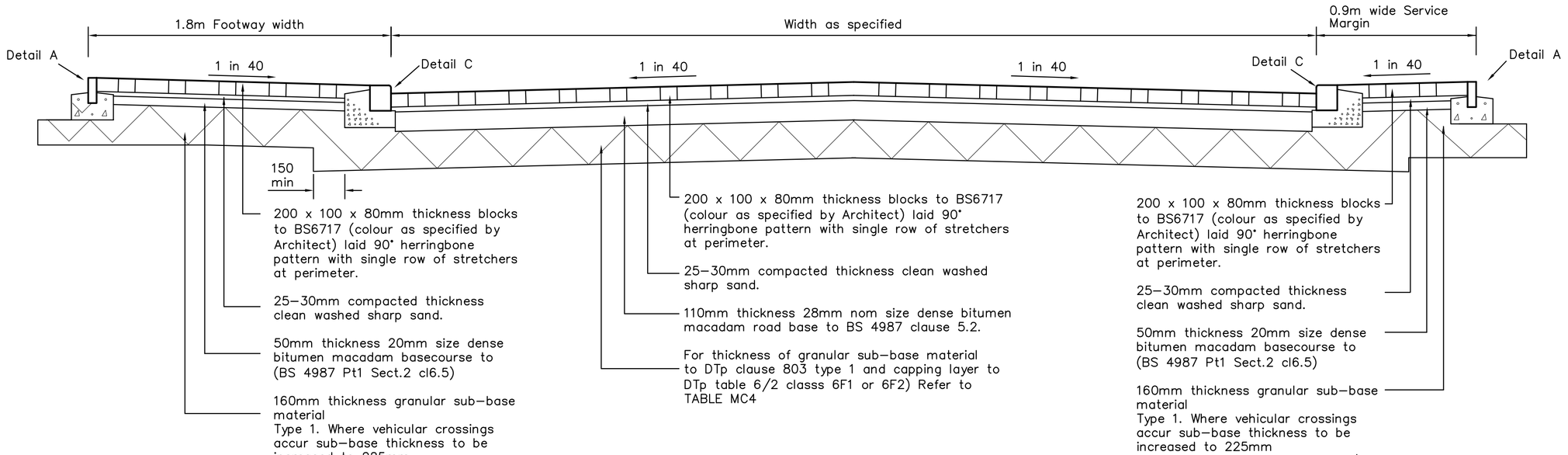
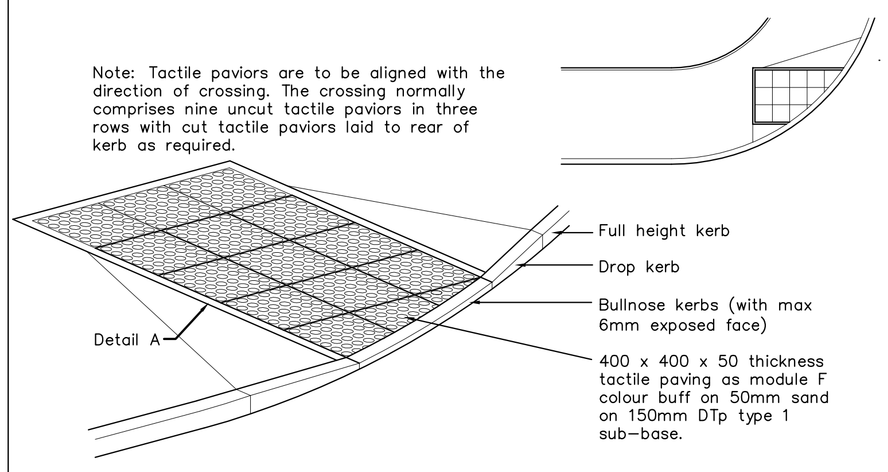


Typical Section through Access Road



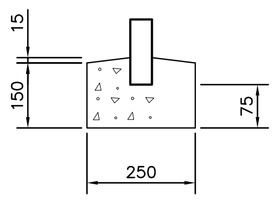
Typical Section through Blockwork Road



In Line Uncontrolled Pedestrian Crossing

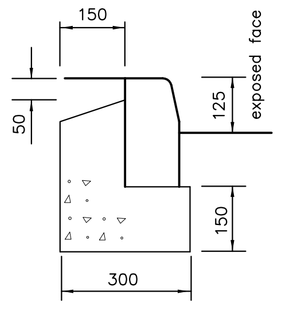
For further information see Guidance on the use of Tactile Paving Surfaces (DETR 1998)

Tactile paviong to be in accordance with SD/11/20



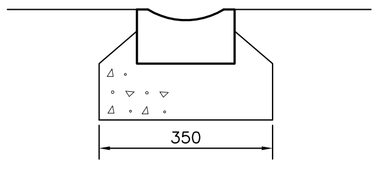
Detail A (KBF)

150 x 50mm precast concrete edging to BS 7263 type EF with concrete mix ST2 bed and haunch.



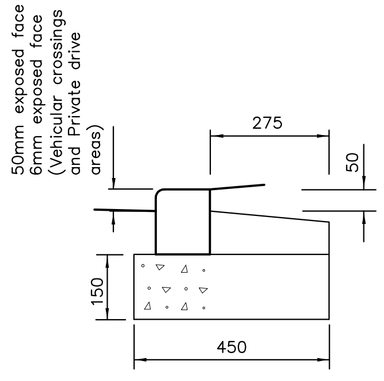
Detail B (KB1)

125 x 255mm half batter kerb to BS7263 type HB2 with concrete grade ST2 bed and haunch



Channel (d–c)

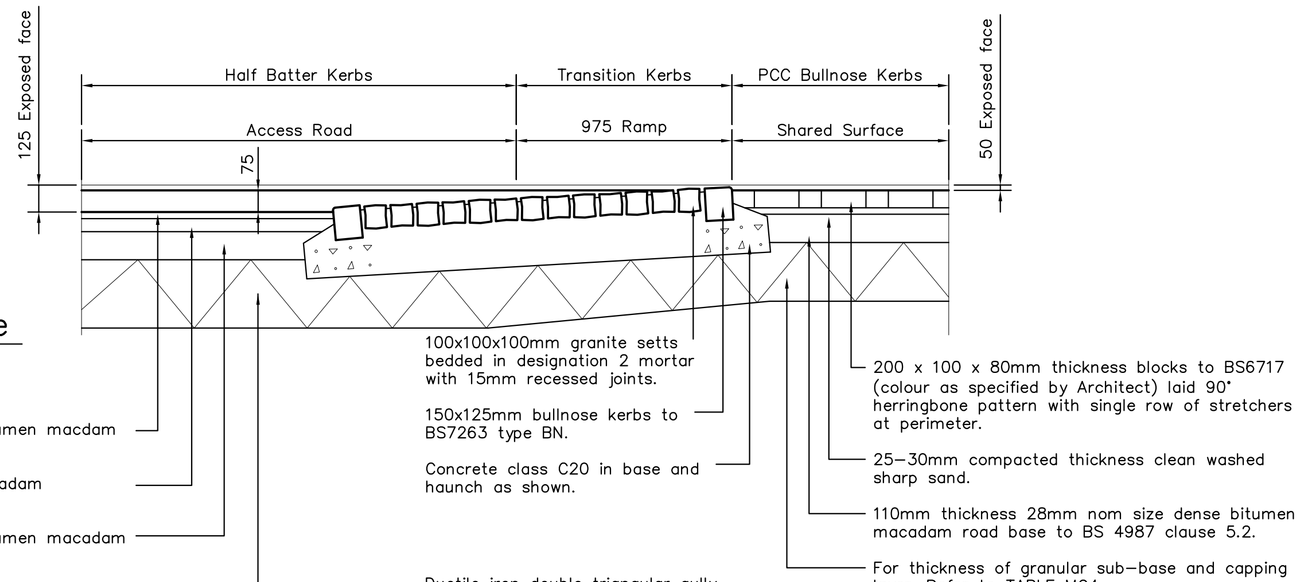
255 x 125 dished channel to BS7263 laid on concrete grade C7.5P foundation & backing



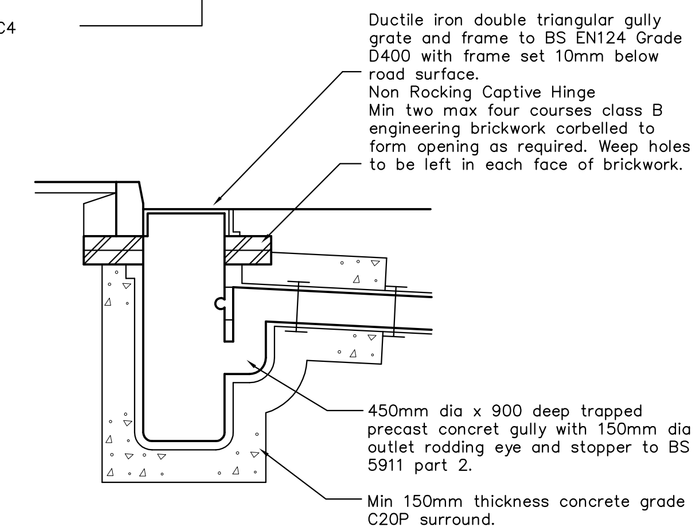
Detail C (KB2)

125 x 150mm bullnose kerb to BS7263 Type BN with grade C20 concrete bed and haunch.
Shuttering to be provided front and back.

Ramp to Raised Table



Typical Road Gully



Carriageway sub–base and capping layer : TABLE MC4

Use Table MC4 to find the thickness of capping and sub–base you need to use. When the subgrade CBR is between 3% and 15% you can either :

Option A : 150mm of sub–base on a varying thickness of capping depending on the CBR value; or

Option B : an increasing thickness of sub–base with the decreasing CBR, with no requirement for capping.

Table MC 4 : Carriageway sub–base and capping thickness

CBR % Value	Option A		Option B	
	Capping mm	Sub–base mm	Capping mm	Sub–base mm
Less than 2	600	150	600	150
2	450	150	450	150
3	350	150	–	300
4	300	150	–	275
5 to 15	250	150	–	225
More than 15			–	150

1) The foundation design should not vary frequently along the road. You should select an appropraite value for each significant change in the subgrade properties.

2) Where the equilibrium CBR falls between values in the above table, you should round down the value to the lower value.

3) When the subgrade CBR is sufficiently below 2% that capping with sub–base is not sufficient to support the pavement, special measures will be required. You can find advice in BMRB 7.2.2. HD25/94

The Contractor is to check and verify in conjunction with the Architects details all setting out points, building and site dimensions, levels and sewer invert levels at connection points and ensure that they are fully conversant with the contents and of requirements the site investigation report before work starts.
The Contractor is to comply in all respects with current building legislation, British Standard Specifications, Building Regulations etc..whether or not specifically stated on this drawing.

This drawing is not intended to show details of ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor any areas of formation for said structures which do not accord with the anticipated conditions as described in the site investigation report are to be immediately notified to the Engineer, where applicable. Any suspect fluid ground or ground contaminants on or within the ground should be further investigated by a suitable expert. Any earthworks shown indicate typical slopes for guidance only and should be investigated further by a suitable geotechnical expert.

Where existing trees are shown to be retained they should be subject to a full Arboricultural inspection for safety. All trees are to be planted so as to ensure they are a minimum of 5 metres from buildings and 3 metres from drainage and services, where applicable. A foundation is to be provided to accommodate the proposed tree planting, where applicable.

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Notes

1. All details required in the construction of adoptable roads are to be in accordance with " General Conditions and Specification for Estate Roads and Highway Surface Water Drainage Water and Private Draiange Works within Existing Highways", published by the former Leicestershire County Council.

2. The formations of all adoptable roads and footways are to be treated with weed killer.

3. All thicknesses for materials are to be compacted thickness.

Notes

A. Where subgrade is frost susceptible the minimum construction thickness is to be 450mm.

B. Any soft spot, unsuitable material or any frost susceptable material in road formationto is to be removed and replaced with capping material.

FOR TENDER

Rev	Description	Date	By
B	Tactile detail amended	26.01.11	RAA
A	Drainage channel detail added. Pedestrian crossing amended to Leicester Council's comments.Footway amended to Blockwork	24.11.10	OJB

Client
WESTLEIGH DEVELOPMENTS LTD

Project
DERBY ROAD HINCKLEY

Title
Construction Detail Highways

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Scale NTS	Drawn RAA
Date NOV 10	Checked
File Der–300	Drawing 10003/300B