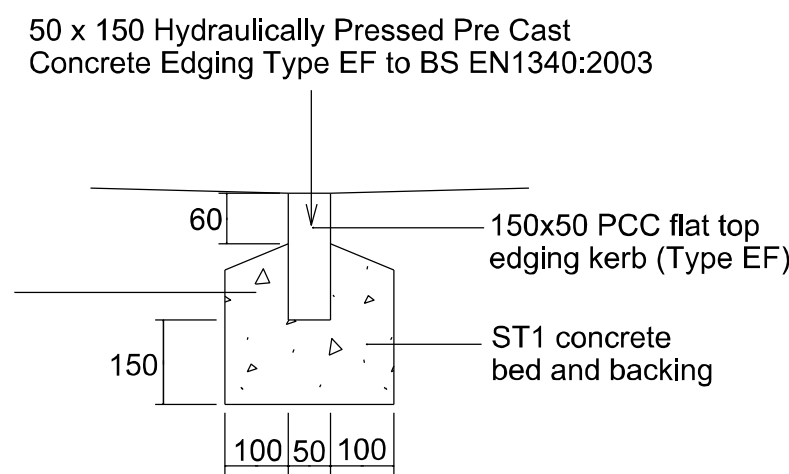
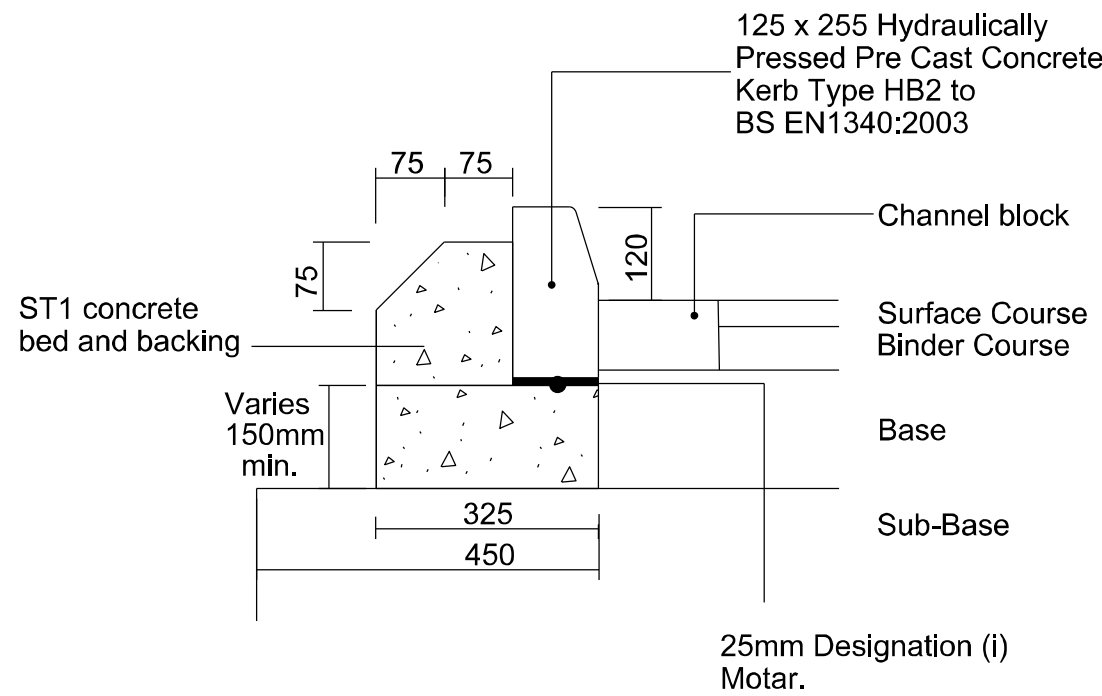


BLACKTOP ROAD CONSTRUCTION DETAIL

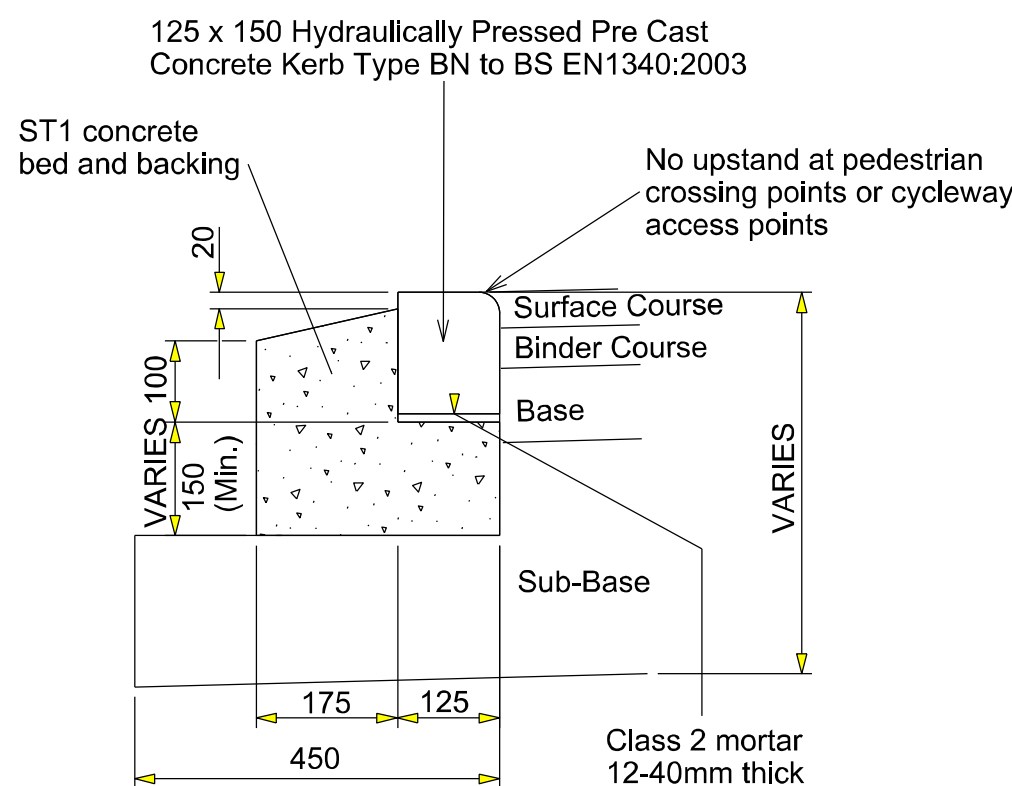


EDGING (EF)



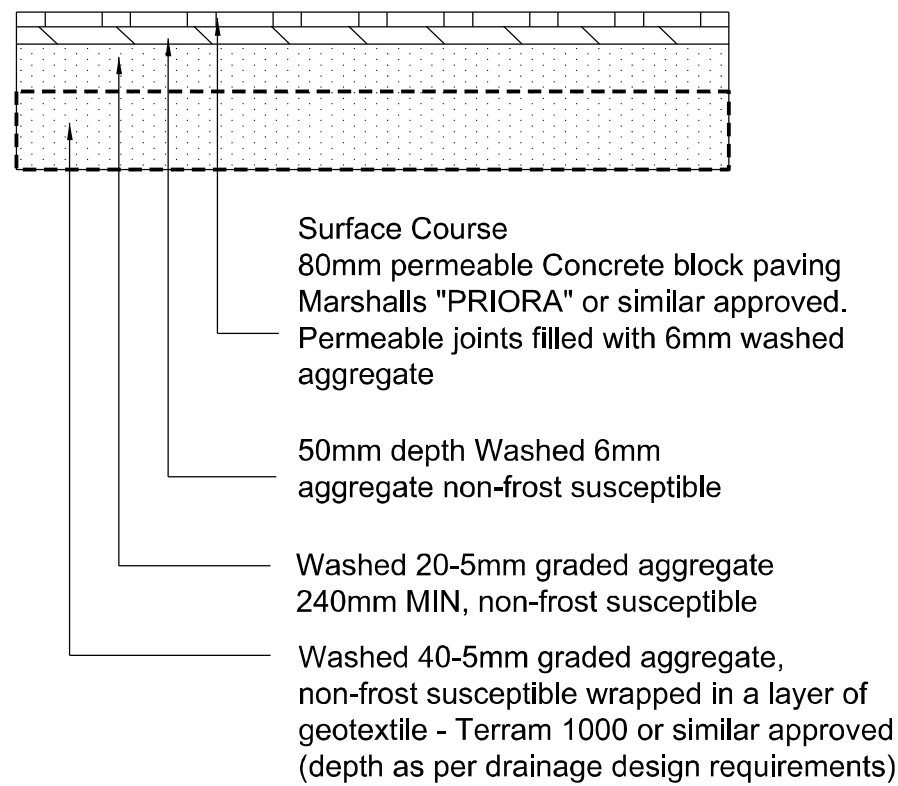
Bed and backing detail to be used for quadrant, radius and transition kerb types also

HALF BATTERED KERB (HB2)

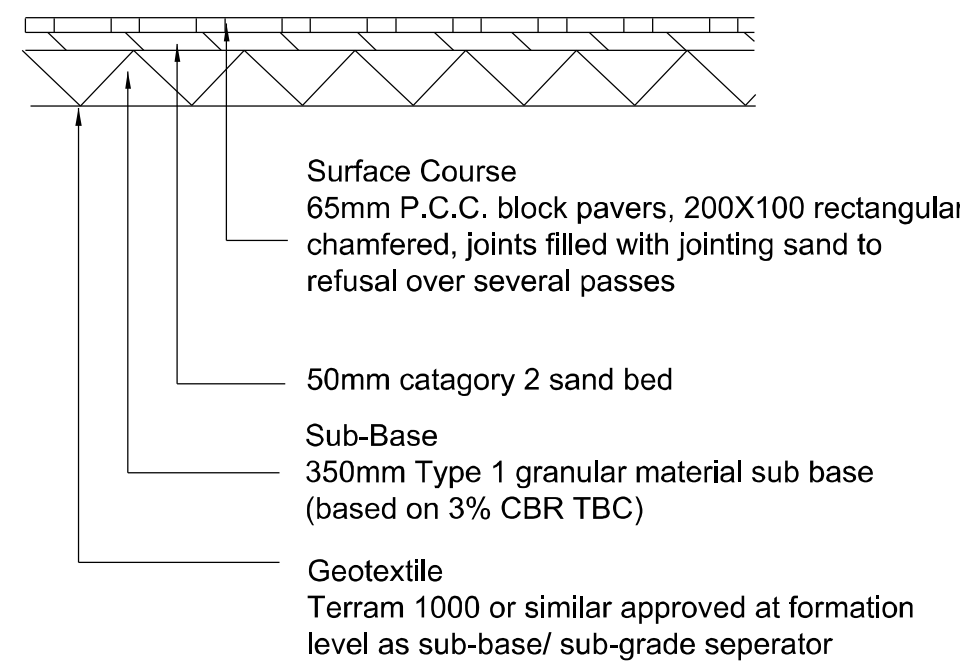


BULL- NOSED KERB (BN)

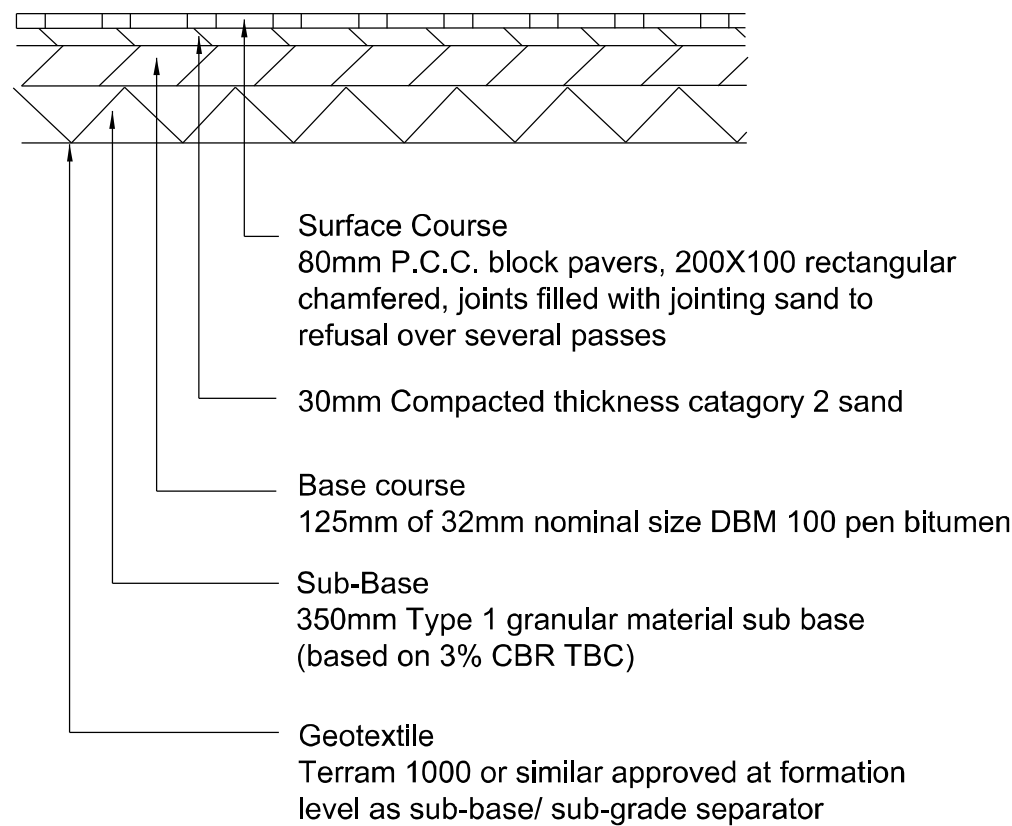
Note:-
Sub base thickness based on a CBR of 3%.
Insitu CBR testing to be undertaken at time of Construction and results presented to Highway Authority for determination of Sub-Base thickness.



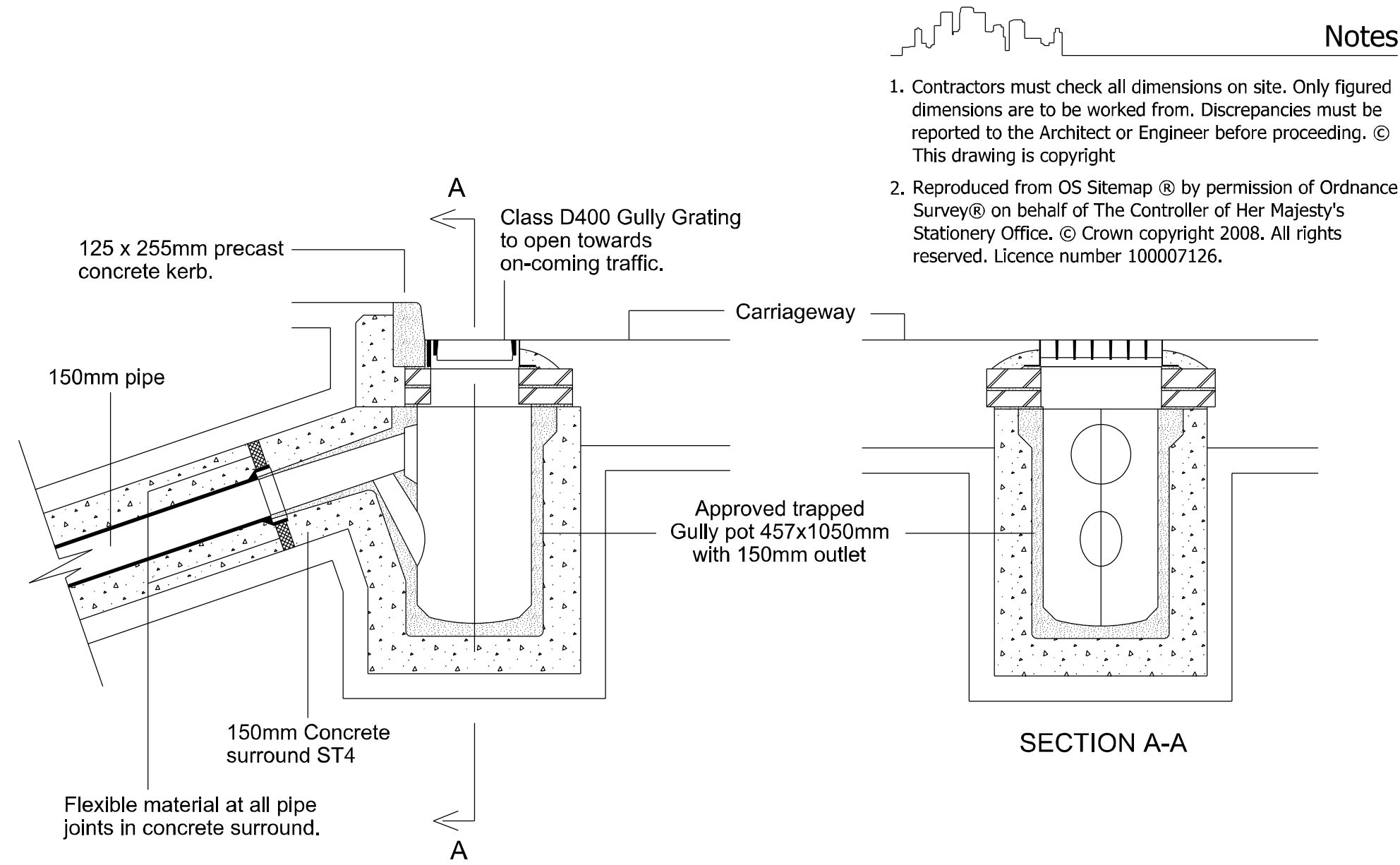
POROUS BLOCK PAVING DETAIL



LIGHT DUTY BLOCKWORK DETAIL



BLOCKWORK ACCESS ROAD DETAIL



All gully pots to BS 5911 Pt 2. All grates and frames to comply with BSEN124 450mm in width. They shall be straight bar pattern. Gully grating and frames in access ways to be 325mm in width.

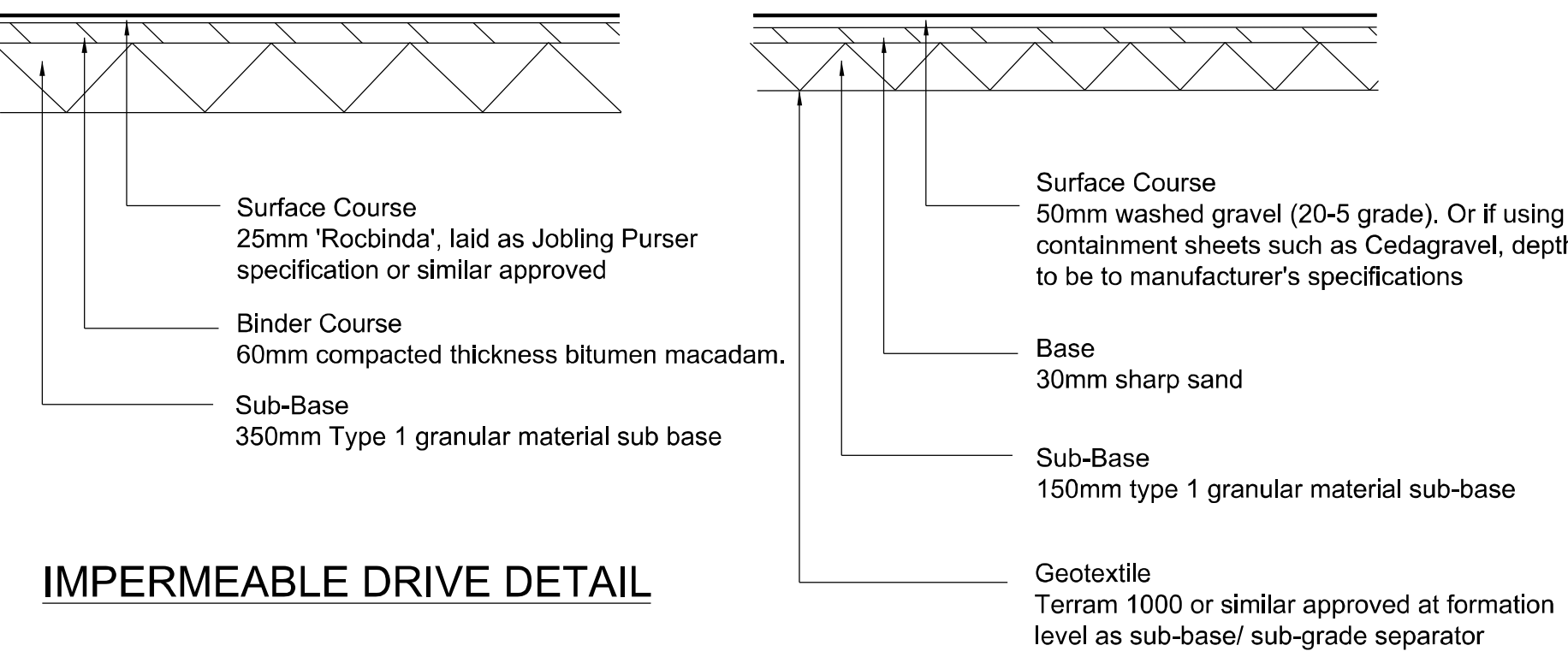
The gratings and frames shall be bedded using Designation (I) mortar and set on minimum two courses and a maximum of 4 courses of Class B engineering bricks so that the top of the frames is below the finished channel level within the tolerance of -5mm to -10mm where measured adjacent to the kerbing. The gully frames shall be set to the carriageway gradient. Where the carriageway is constructed to the base course level for use as builders road, the gully frames should initially be set to base course level.

Class D400 gully grating and frame to open towards on-coming vehicles and be single piece, hinged, non-rock type to BS EN 124 (size 370 x 450mm) minimum waterway area 1000sqcm with straight bar pattern

GULLY DETAIL

Gully pots shall be 450mm internal diameter by 1050mm deep with 150mm diameter trapped outlet and rodding eye with C.1 stopper and chain. They shall be of an approved manufacture in precast concrete to BS 5911, salt glazed ware or Clayware to BS 65 and shall be laid with 150mm thickness of ST4 concrete. Connections to the sewer shall be by 150mm diameter clay or concrete pipes bedded on 150mm concrete and surrounded with ST4 concrete to a thickness of 150mm when the cover to the pipes is less than 1.2m.

Gullies should preferably connect directly into manholes, but, if this is not appropriate, they shall be connected to the main pipe by means of 45 degree oblique angled junctions, and surrounded by ST4 concrete to a thickness of 150mm. Gully connections shall not be longer than 20m.



IMPERMEABLE DRIVE DETAIL

PERMEABLE DETAIL

VEHICULAR CROSSING DETAIL

HSD-1100-060

*BN Kerb Detail - 15mm upstand on raised areas

*For non-raised areas where swale feature is adjacent to carriageway a flush inverted BN kerb is to be used throughout

Surface Course
20mm of AC6 dense surf 100/150, to comply with BS EN 13108-1

Binder Course
45mm AC20 dense bin 160/220 REC, to comply with BS EN 13108-1 Asphalt Concrete

Base
60mm AC20 dense bin 160/220 REC, to comply with BS EN 13108-1 Asphalt Concrete

Sub-Base
300mm Type 1 granular material to Clause 803 of the Specification. To be increased where CBR values are less than 5%

SUBJECT TO
DETAILED
DESIGN

UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT AUTHORITIES, ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN IT IS ENTIRELY AT HIS OWN RISK.

C	Crossover detail amended	AT	JF	01.11.13						
B	Vehicular Crossing Detail added	SJT	JF	10.10.13						
A	Road details combined and blockwork details added	AT	JF	05.09.13						
Revision	Description		Drawn	Checked	Date					
	Preliminary	<input checked="" type="checkbox"/>	Information	<input type="checkbox"/>	Tender	<input type="checkbox"/>	Construction	<input type="checkbox"/>	As Built	<input type="checkbox"/>

Woods Hardwick
Architects, Engineers and Development Consultants

Title UPPER HEYFORD
PARCEL D1B

Details TYPICAL CONSTRUCTION DETAILS

Scale: A1- N.T.S. Date: SEPTEMBER 2013 Drawn: AT Chk: JF

Please consider the environment before printing this drawing

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HEYF/5/818 C