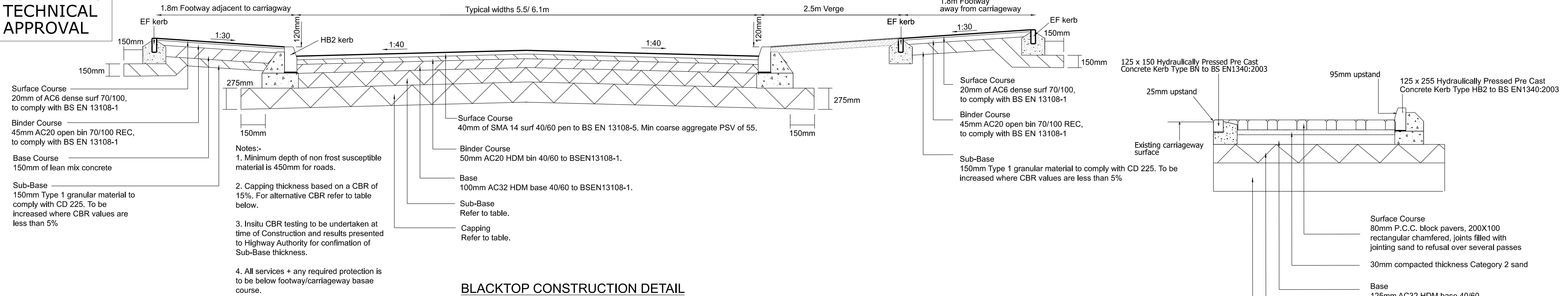
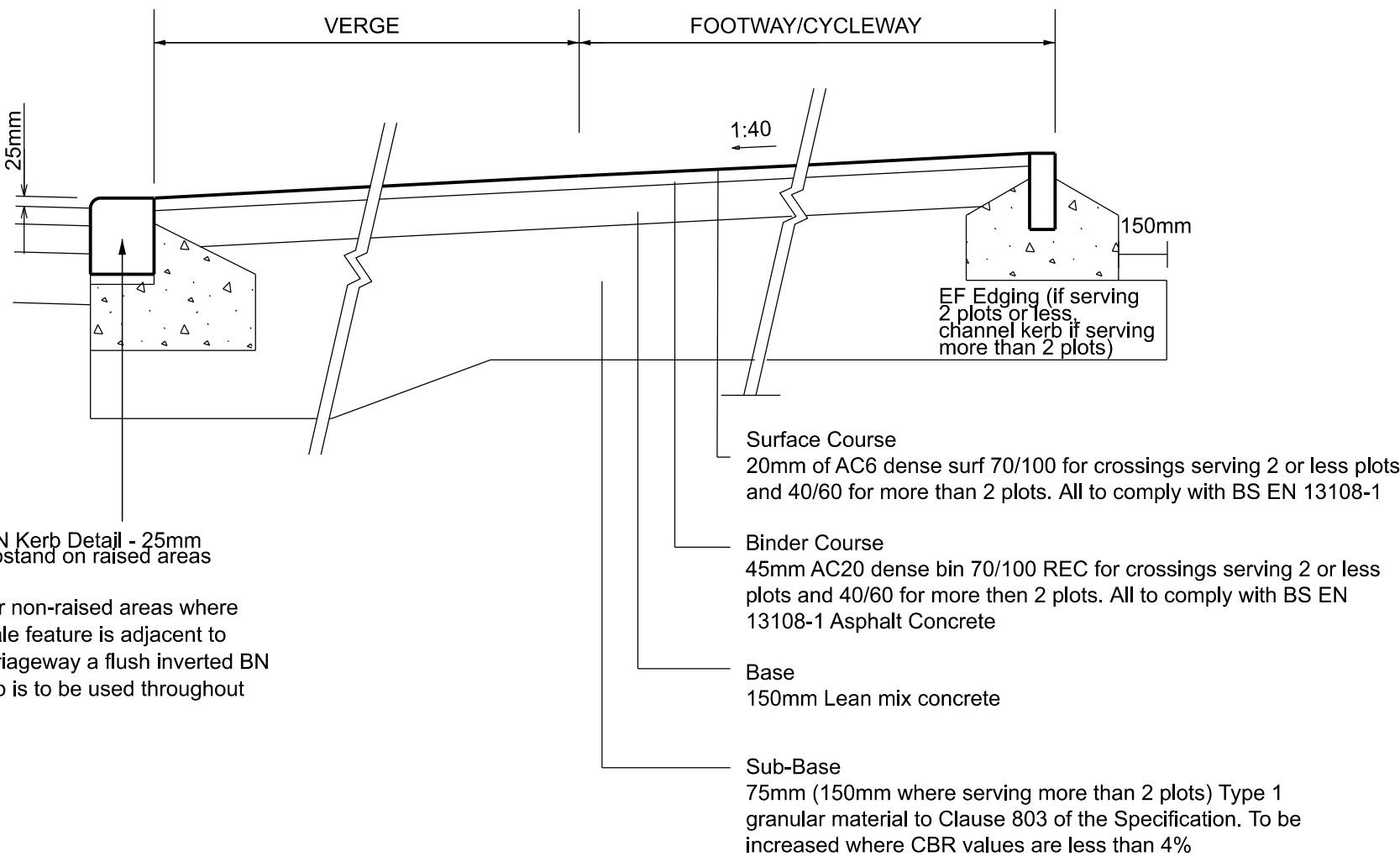


SUBJECT TO  
TECHNICAL  
APPROVAL

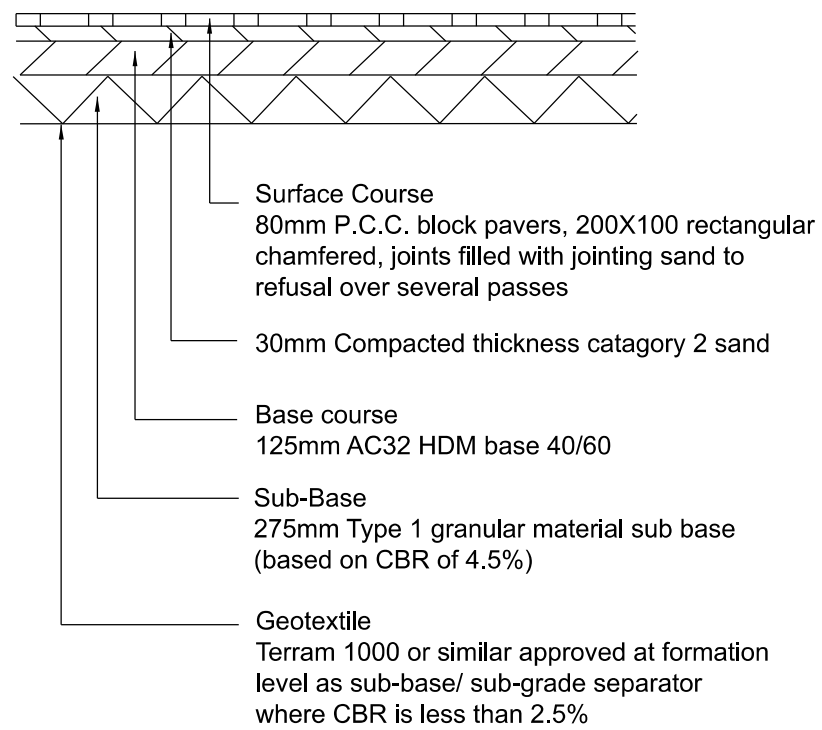


CBR	Subbase on Capping Solution		
	Sub-base thickness	Capping thickness	Sub-base Only
<2.5%	250mm	1000mm	
2.6-5.0%	250mm	420mm	420mm
5.1-7.5%	200mm	250mm	265mm
7.6-10%	165mm	220mm	240mm
10.1-12.5%	150mm	200mm	220mm
12.6-15%	150mm	170mm	210mm
>15.1%	150mm	150mm	200mm

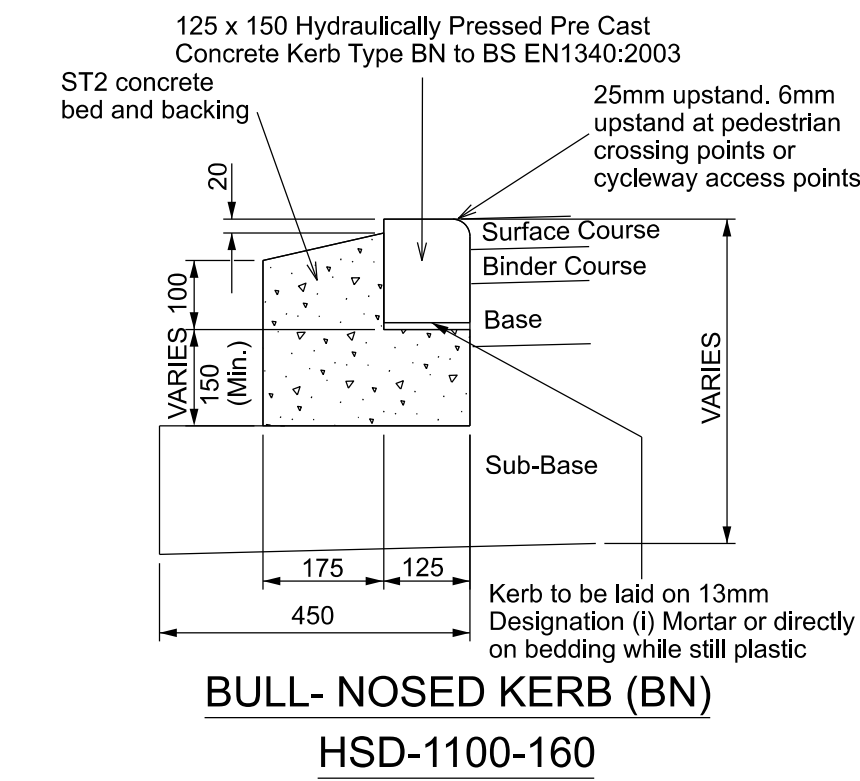
## BLACKTOP CONSTRUCTION DETAIL



## VEHICULAR CROSSING DETAIL WITH VERGE



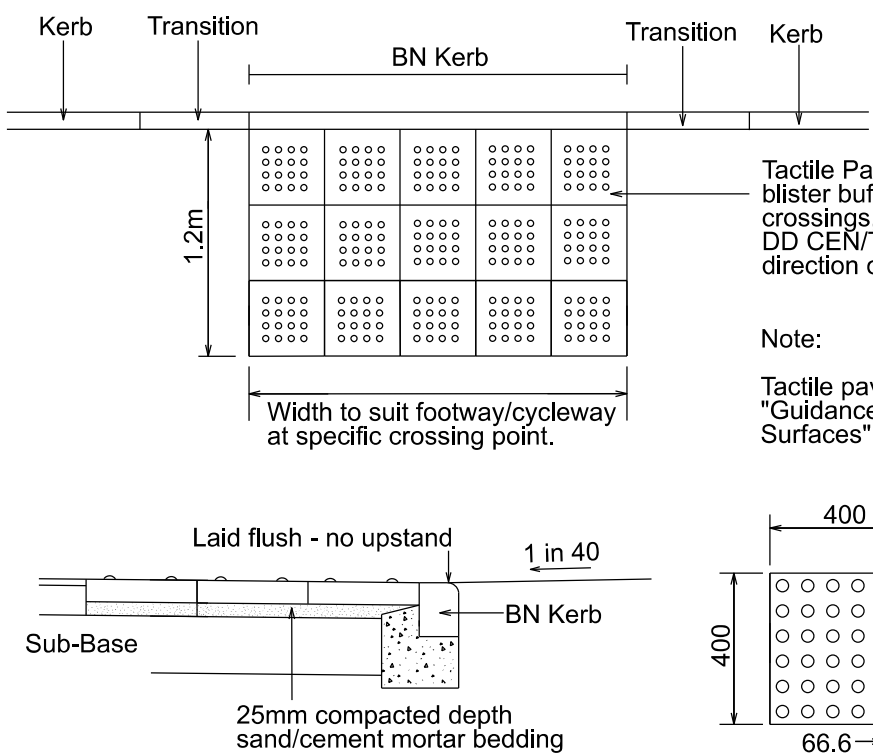
## EDGING (EF) HSD-1100-030



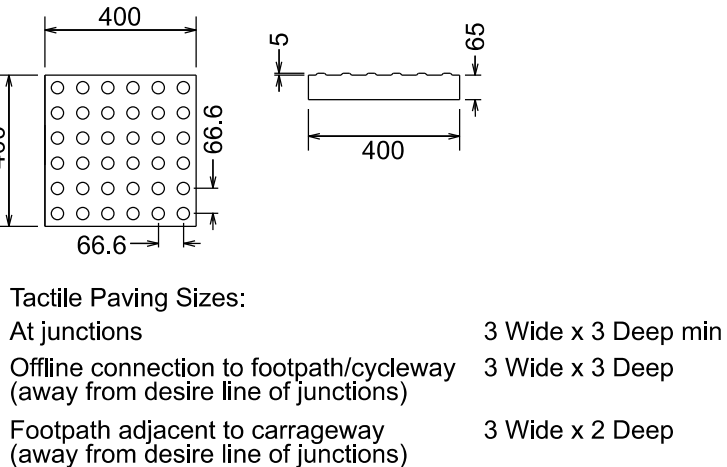
Bed and backing detail also to be used for quadrant, radius and transition kerb types.

Channel block to be used only where indicated on the engineering layout

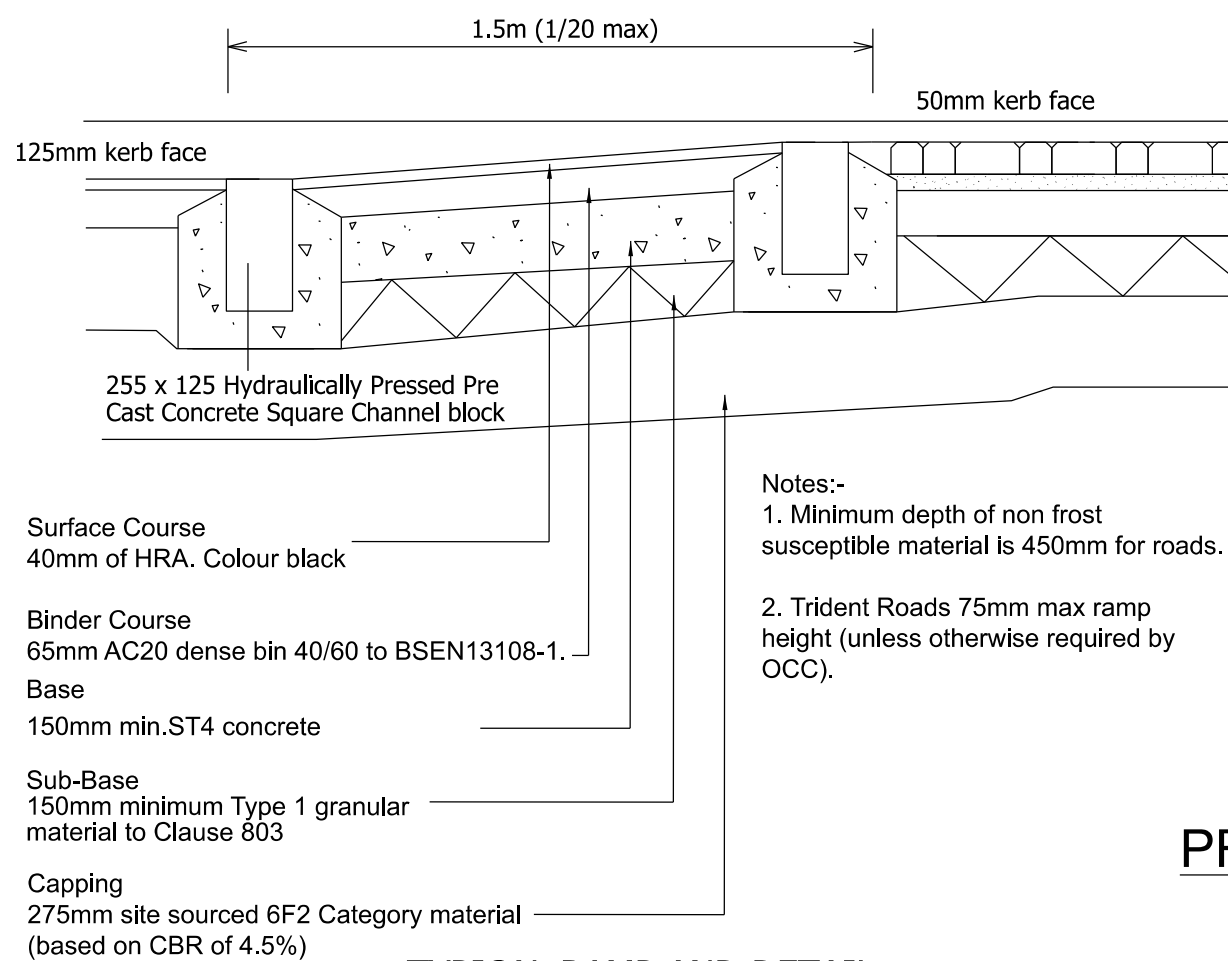
## HALF BATTERED KERB (HB2)



## TACTILE CROSSING DETAIL HSD-1100-102



## ADOPTABLE BLOCK PAVING

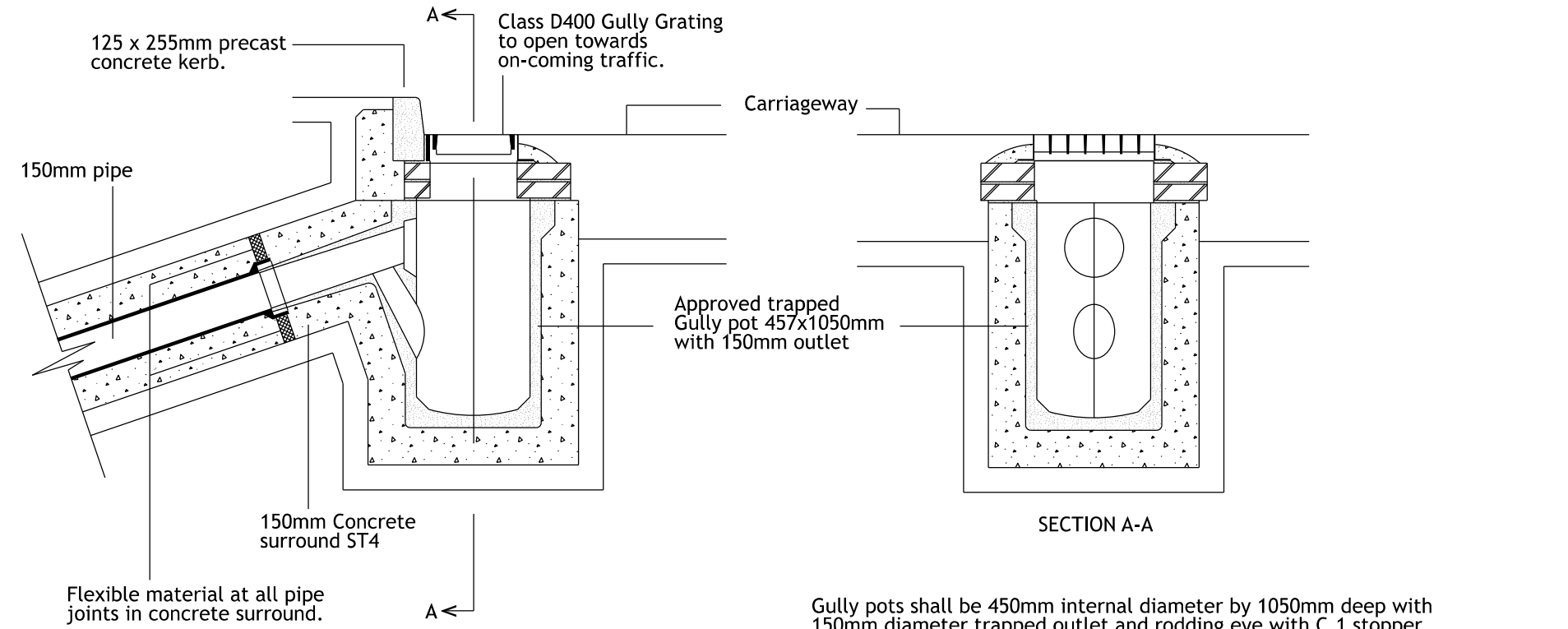


## TYPICAL RAMP AND DETAIL

Notes:-

- Minimum depth of non frost susceptible material is 450mm for roads.
- Blockwork pattern to be 45 degree herringbone.
- Manhole covers in raised tables should be aligned with block pattern

## TYPICAL BLOCKWORK OVER-RUN DETAIL

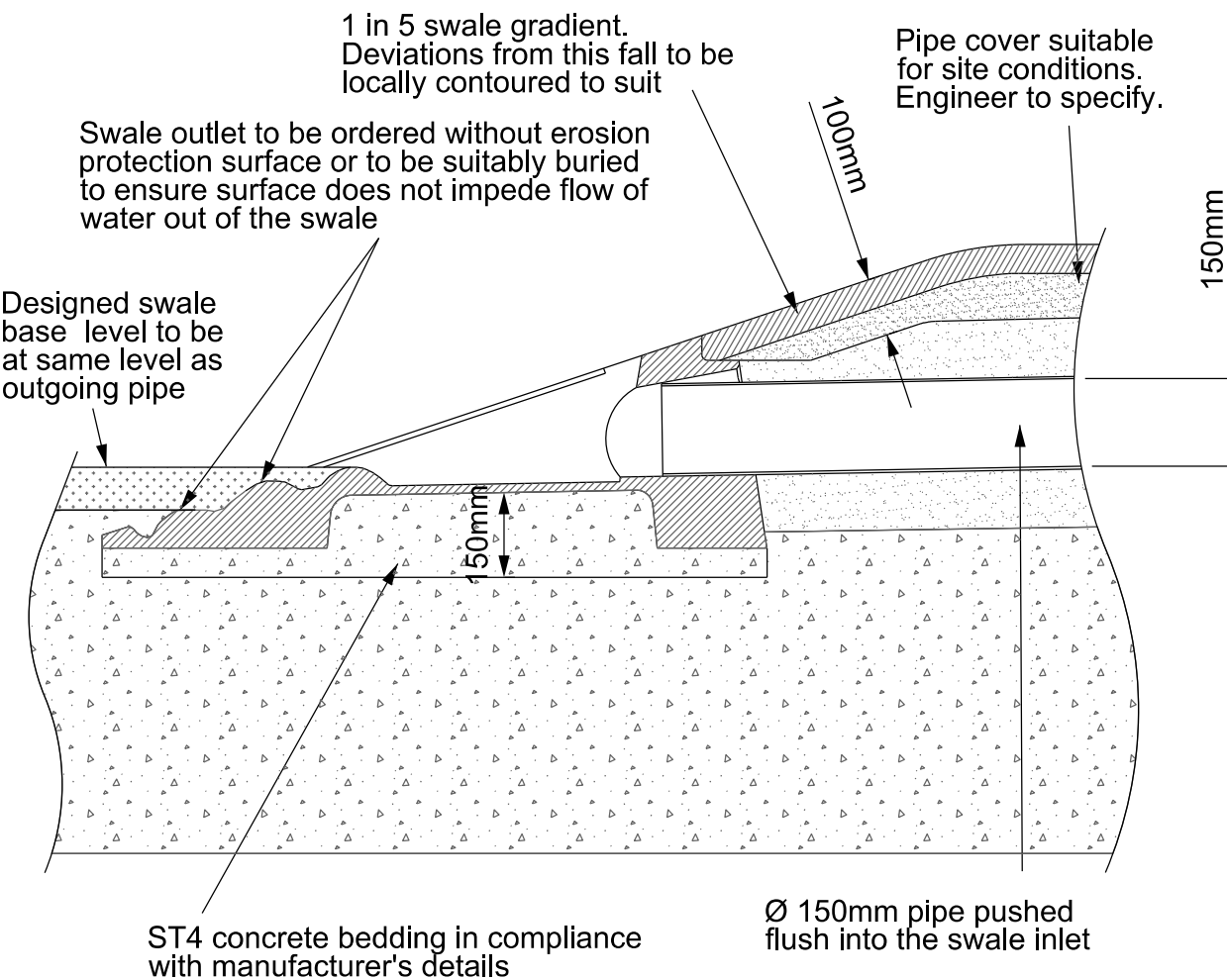


All gully pots to BS 5911 Pt 2. All grates and frames to comply with BS EN 124 450mm in width. They shall be straight bar pattern. Gully grating and frames in access ways to be 325mm in width.

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



## RAIN GARDEN - ACO HEADWALL OUTLET

## PRIVATE LIGHT DUTY POROUS BLOCK PAVING

For heavy duty porous paving details include 200mm DBM above the 40-4mm aggregate. DBM to be drilled in accordance with manufacturers specifications

## NOTES

- Contractors must check all dimensions on site. Only figured dimensions are to be worked from. Discrepancies must be reported to the Architect or Engineer before proceeding. © This drawing is copyright.
- Reproduced from OS Sitemap © by permission of Ordnance Survey on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright 2008. All rights reserved. Licence number 100007126.
- 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.
- All works and materials are to comply with the Highway Agency Specification for Highways

## SAFETY, HEALTH AND ENVIRONMENTAL

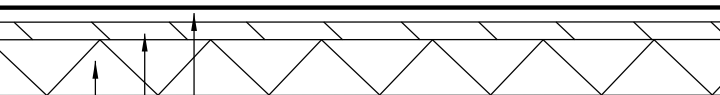
In addition to the hazards, risks normally associated with the type of work detailed on this drawing, note the following significant risks and information.

## Construction:

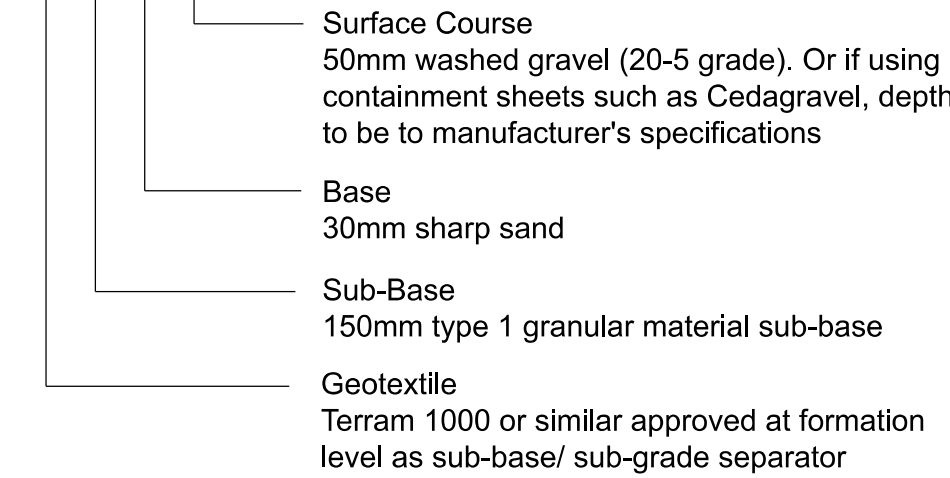
- Live services below and above ground.
- Retention of pedestrian routes. (S278 Works)
- Works in vicinity of existing protected trees.
- Location of survey controls within live highway.
- Slope stability of deep excavations.
- Works to live sewers.
- Possible presence of buried live explosives.

For information relating to end use, maintenance and demolition, see the health and safety file.

It is assumed that all works will be carried out by a competent Contractor, where appropriate, to an approved method statement.



## PERMEABLE DETAIL



E	PRIVATE POROUS BLOCK PAVING DETAIL AMENDED	CG	AT	27.11.20
D	CBR TABLE REVISED TO SUIT CD225	CG	AT	10.11.20
C	REVISED TO SUIT S38 TECH REVIEW COMMENTS	CG	AT	15.10.20
B	REVISED TO SUIT S38 TECH REVIEW COMMENTS	BA	AT	01.09.20
A	TYPICAL RAMP DETAIL UPDATED TO SUIT TRIDENT COMMENT	CG	AT	17.07.19
REV	DESCRIPTION	DRN	CHD	DATE

☒ PRELIMINARY ☐ INFORMATION ☐ TENDER  
☐ CONSTRUCTION ☐ AS BUILT

SCALE N.T.S @ A1 DATE APRIL 2019

DRAWN CG CHK AT

DRAWING NO. HEYF-5-1277 REV E

TITLE CAMP ROAD UPPER HEYFORD

DETAILS PHASE 9 S38 TYPICAL ROAD DETAILS

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PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS DRAWING