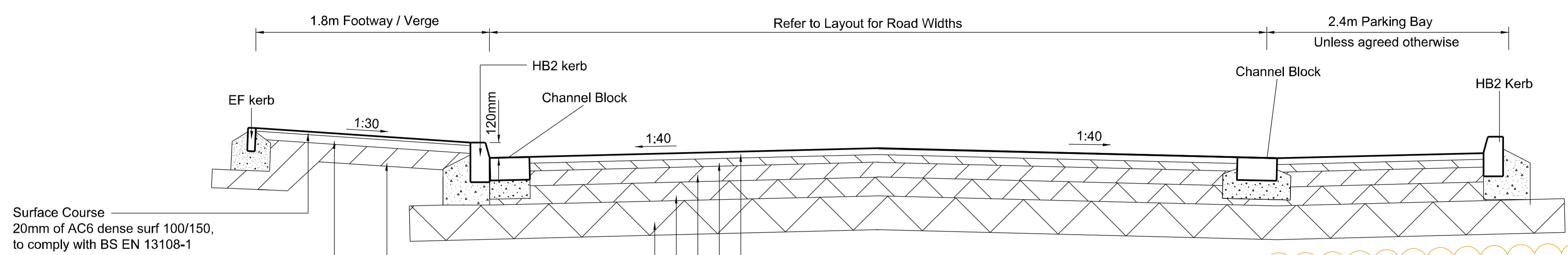


- Contractors must check all dimensions on site. Only figured dimensions are to be worked from. Discrepancies must be reported to the Architect or Engineer before proceeding. © This drawing is copyright
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**Surface Course**  
20mm of AC6 dense surf 100/150, to comply with BS EN 13108-1

**Binder Course**  
45mm AC20 open bin 100/150 REC, to comply with BS EN 13108-1

**Sub-Base**  
150mm Type 1 granular material to Clause 803 of the Specification. To be increased where CBR values are less than 5%

In accordance with HSD-1100-005

- Notes:-**
- Minimum depth of non frost susceptible material is 450mm for road pavements.
  - Capping thickness based on a CBR of 4.5%. For alternative CBR refer to table below.
  - In situ CBR testing to be undertaken at time of Construction and results presented to Highway Authority for confirmation of Sub-Base thickness.

CBR	Capping thickness
2%	600mm
2.5%	400mm
3%	360mm
4%	300mm
5%	250mm
6%	240mm
7%	220mm
8%	210mm
9%	200mm
10%	190mm
11%	175mm
15%	150mm

**Access road (ROAD 1) to have the following spec:**

**Surface Course:** 40mm of SMA 14 surf 40/60 pen to BS EN 13108-5. Min coarse aggregate PSV of 55.

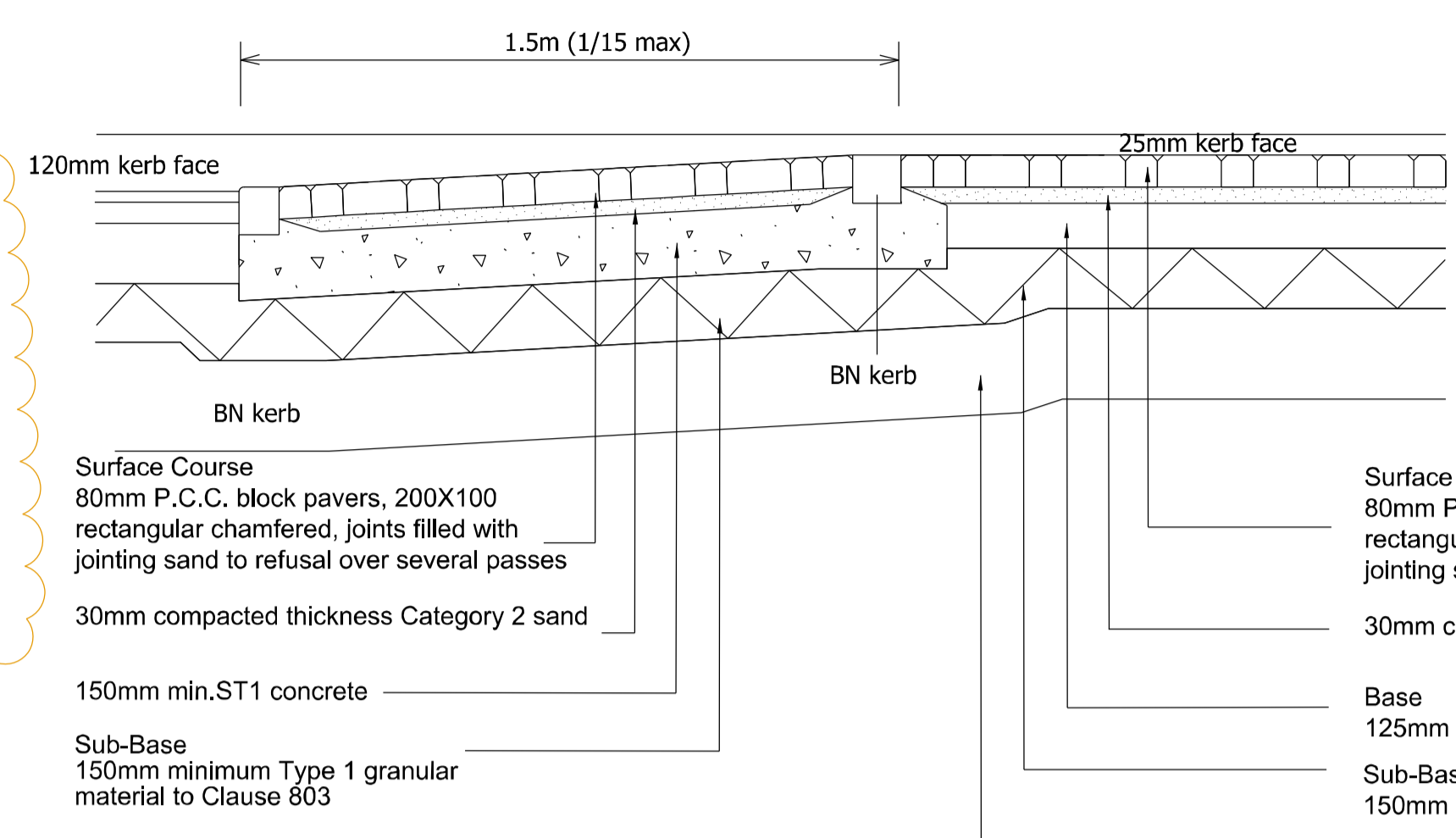
**Binder Course:** 50mm AC20 HDM bin 40/60 to BSEN13108-1.

**Base:** 100mm AC32 HDM base 40/60 to BSEN13108-1.

**Sub-Base:** 150mm minimum Type 1 granular material to Clause 803 of the Specification.

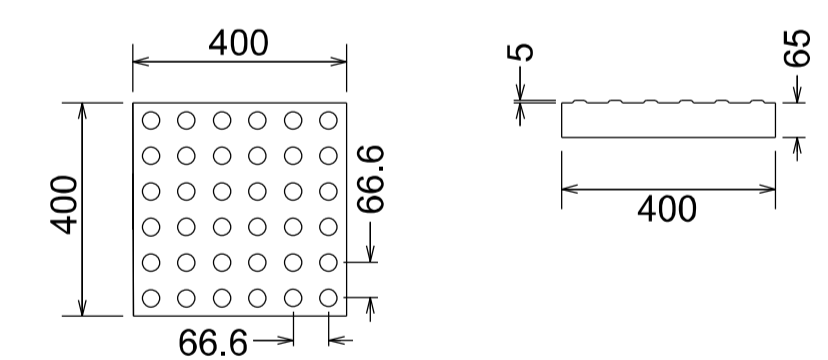
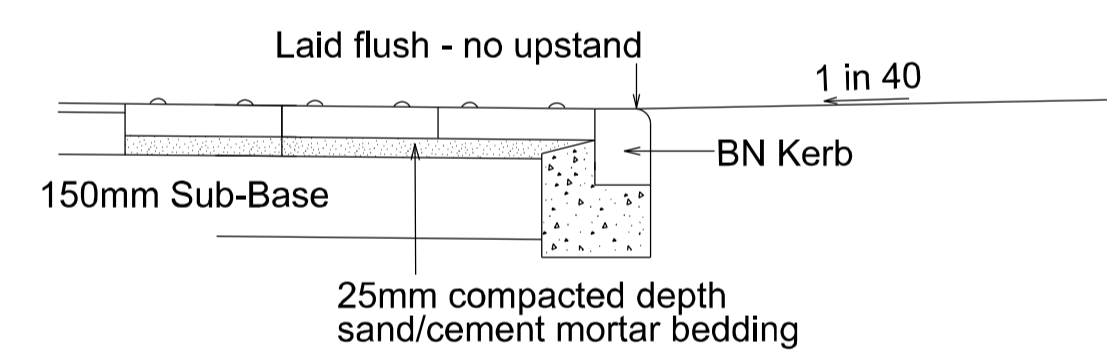
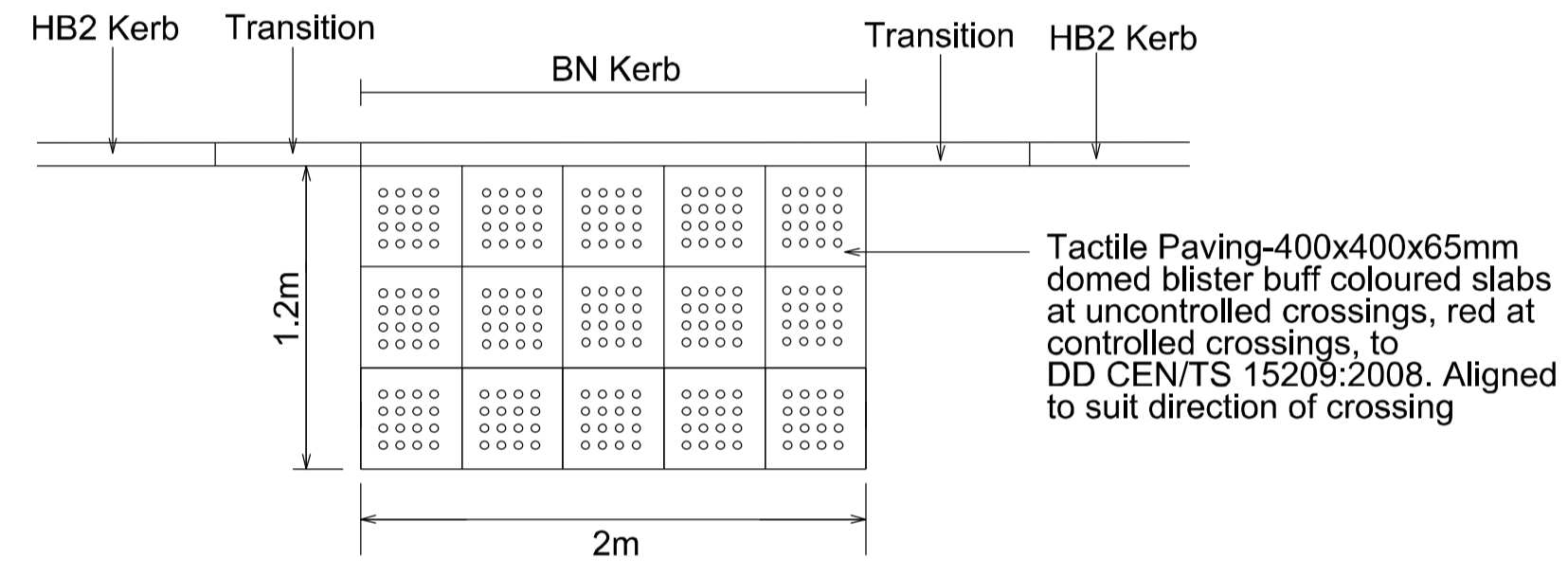
**Capping:** 275mm site sourced 6F2 Category material

REFER TO O.C.C SPECIFICATION, SECTIONS 6 & 7

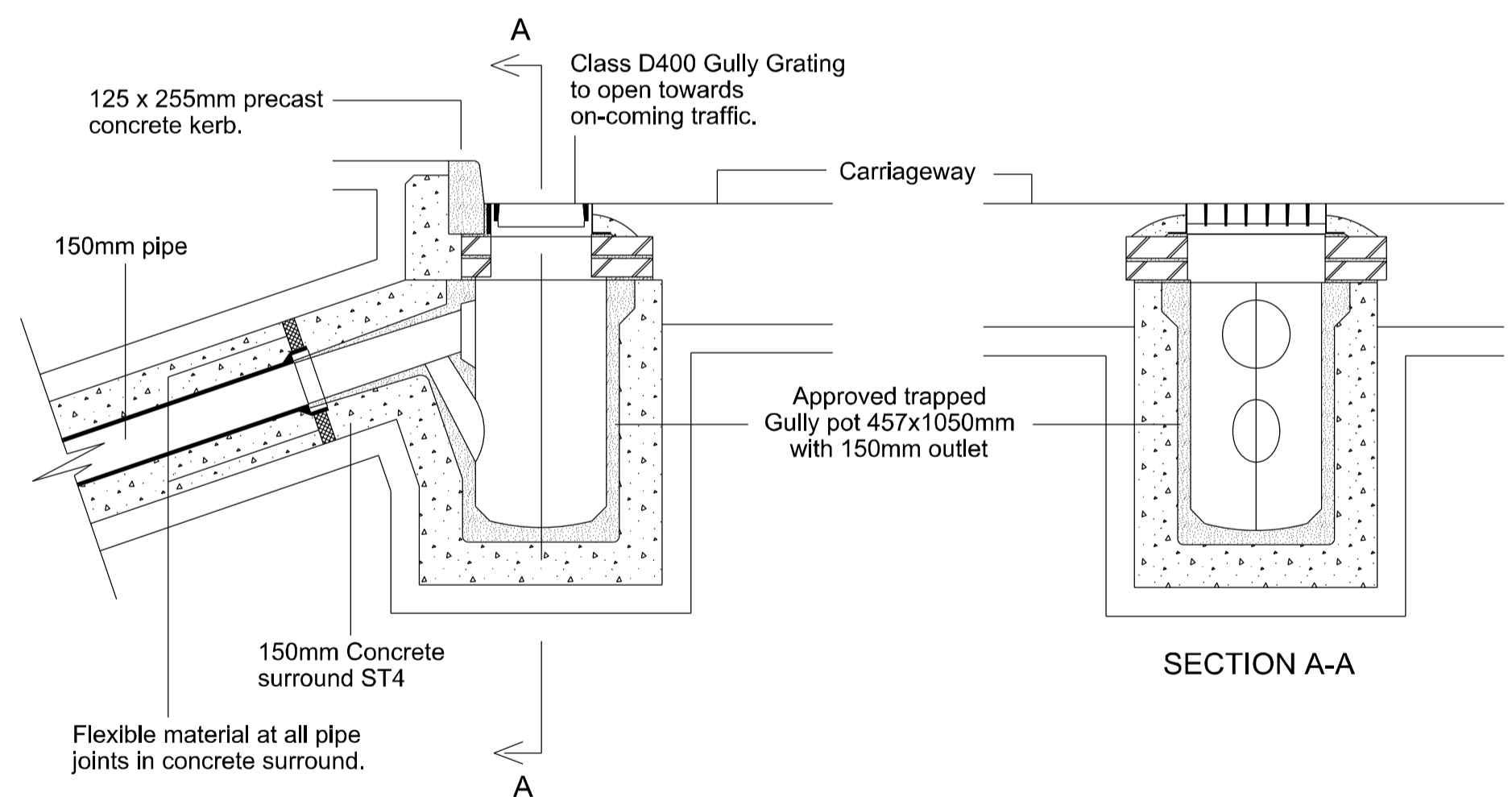


**SUBJECT TO TECHNICAL APPROVAL**

**BLACKTOP CONSTRUCTION DETAIL**



**TACTILE CROSSING 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.

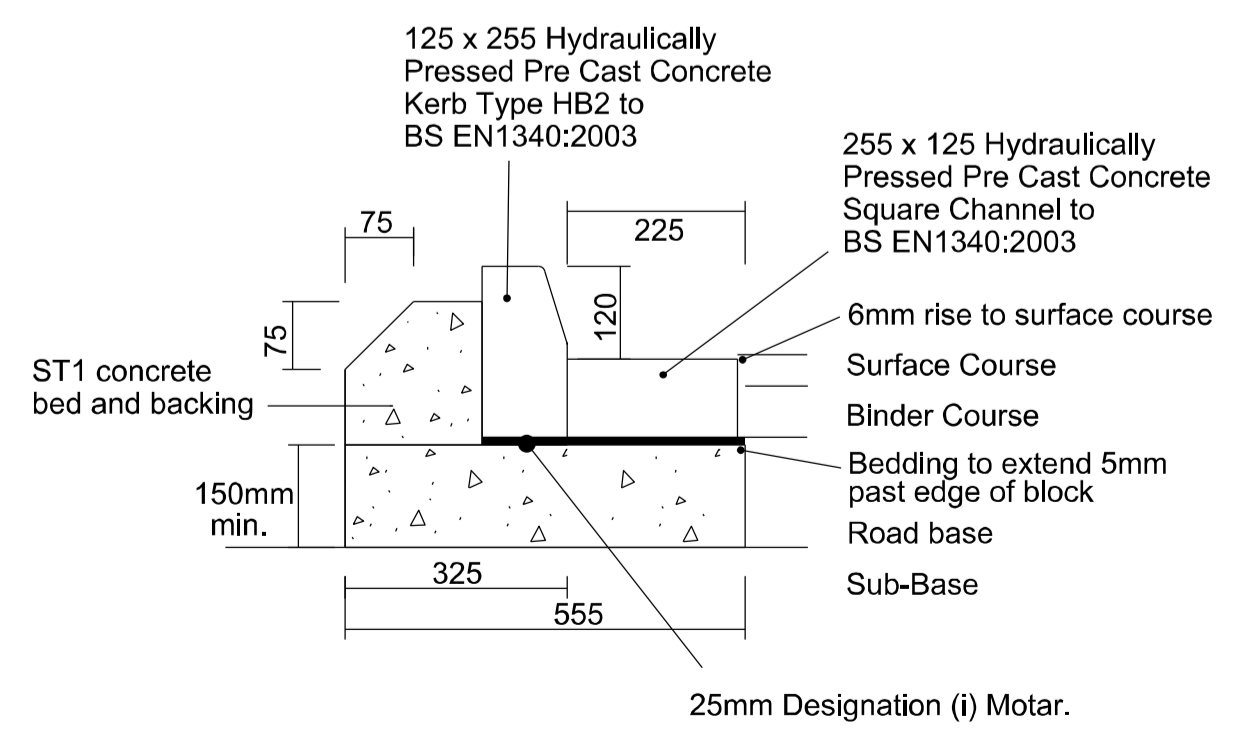
The gratings and frames shall be bedded using Designation (i) mortar and set on minimum two courses and a maximum of 4 courses of Class B engineering bricks so that the top of the frames is below the finished channel level within the tolerance of -5mm to -10mm where measured adjacent to the kerbing. 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 100sqcm with straight bar pattern

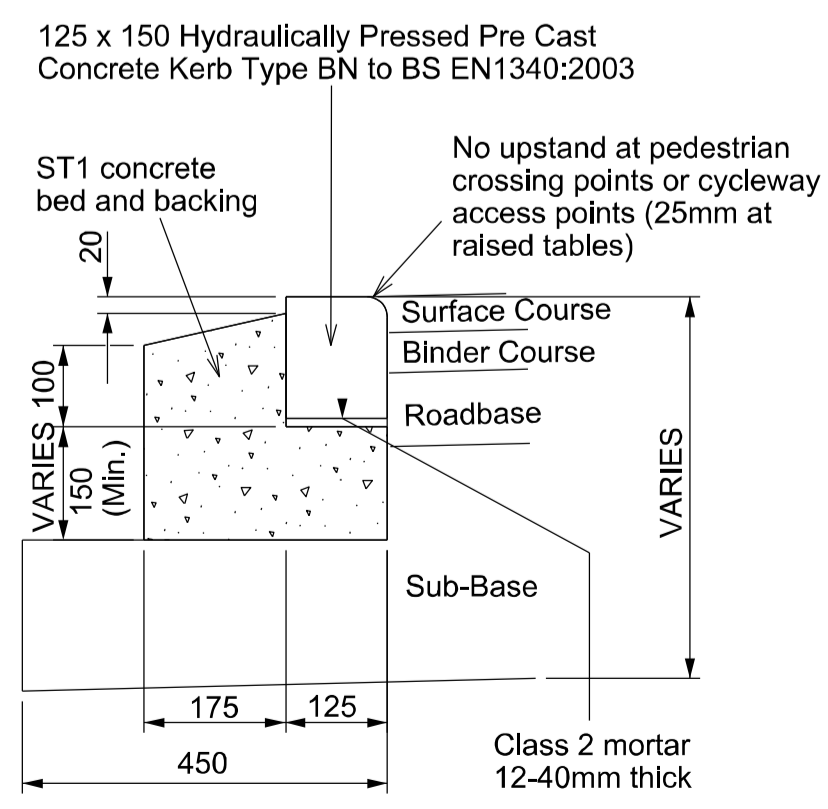
**GULLY DETAIL**

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.

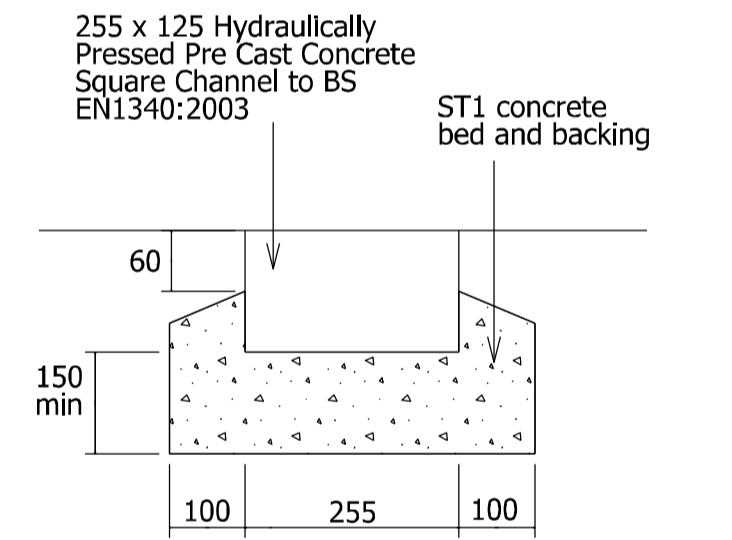
Gullies should preferably connect directly into manholes, but, if this is not appropriate, they shall be connected to the main pipe by means of 45 degree oblique angled junctions, and surrounded by ST4 concrete to a thickness of 150mm. Gully connections shall not be longer than 20m.



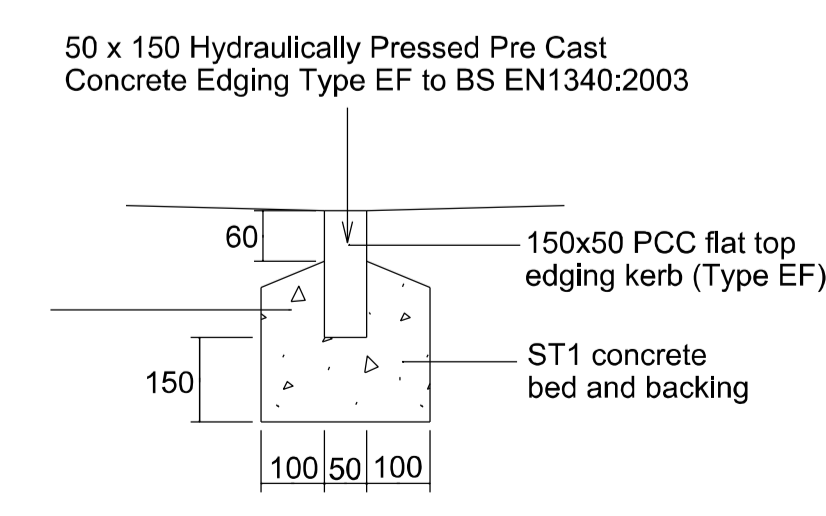
**HALF BATTERED KERB (HB2)**



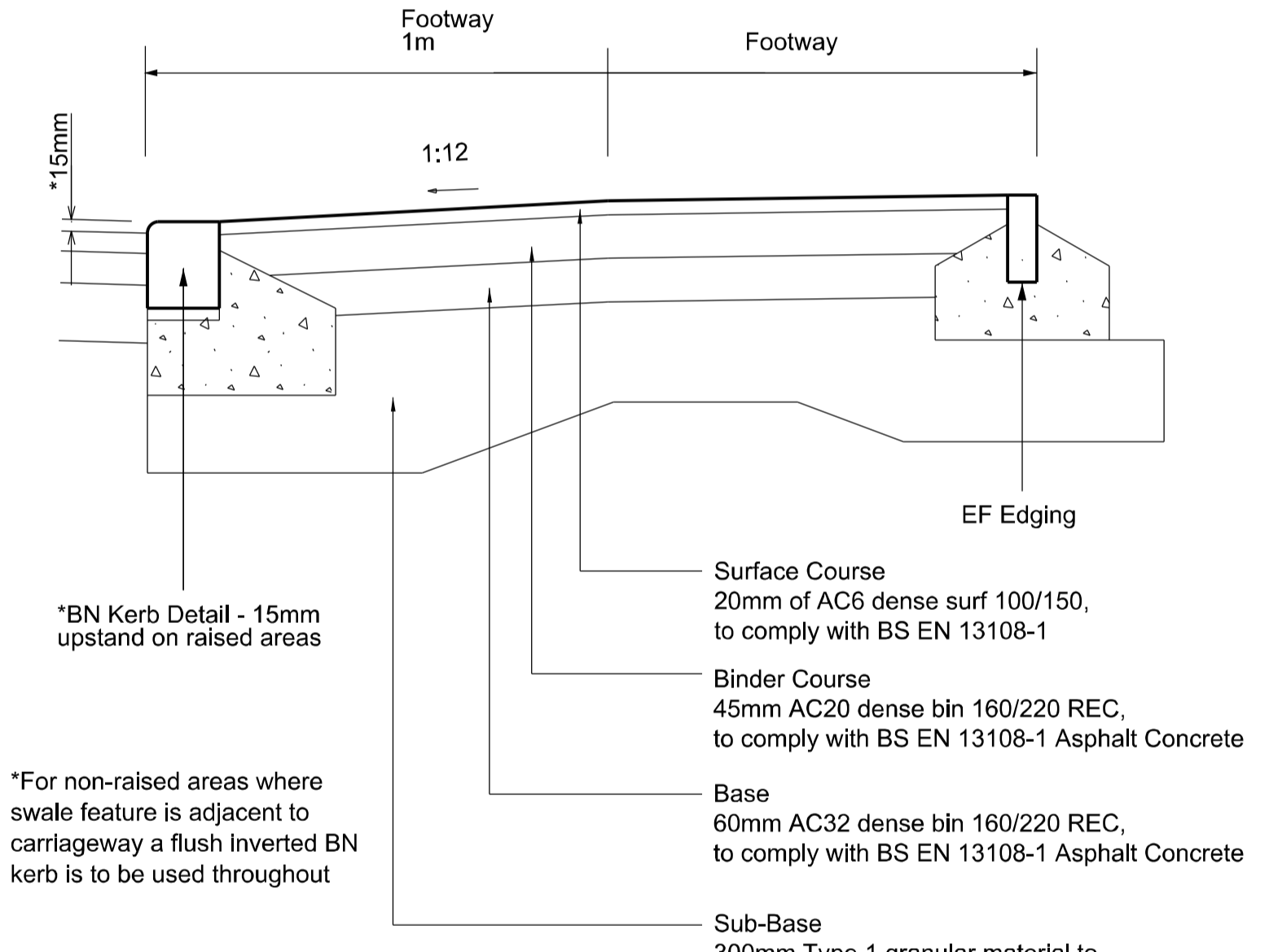
**BULL- NOSED KERB (BN)**



**SQUARE CHANNEL (CS1)**



**EDGING (EF)**



**VEHICULAR CROSSING DETAIL**

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.

Revision	Description	Drawn	Checked	Date
K	Road specification updated to suit OCC comments	AT	JF	16.04.14
J	Footpath binder course amended	AT	JF	10.04.14
H	Drawing updated to suit OCC comments	CG	AT	04.04.14
G	Tactile paving detail added	AT	JF	10.01.14
F	Ramp detail and road base amended to suit client comments. Square channel note added	AT	JF	06.01.14
E	Concrete extended under channel on HB2 detail. Carriageway specification amended	AT	JF	23.12.13
D	Capping layer thickness amended and alternative CBR table added based on OCC details	AT	JF	03.12.13
C	Footpath amended, crossover detail added	AT	JF	01.11.13
B	Ramp details amended	AT	JF	16.10.13
A	Drawing number amended	AT	JF	10.06.13

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