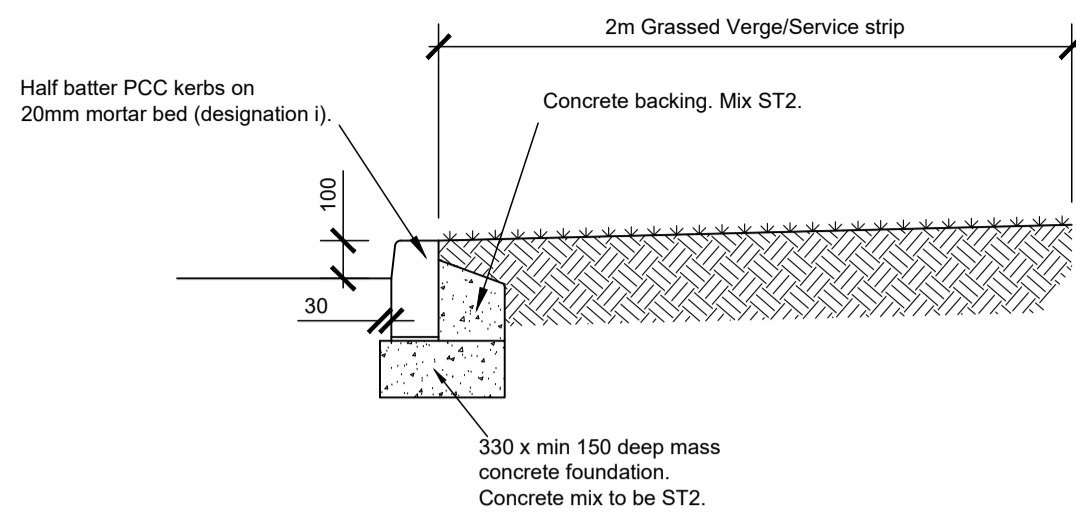
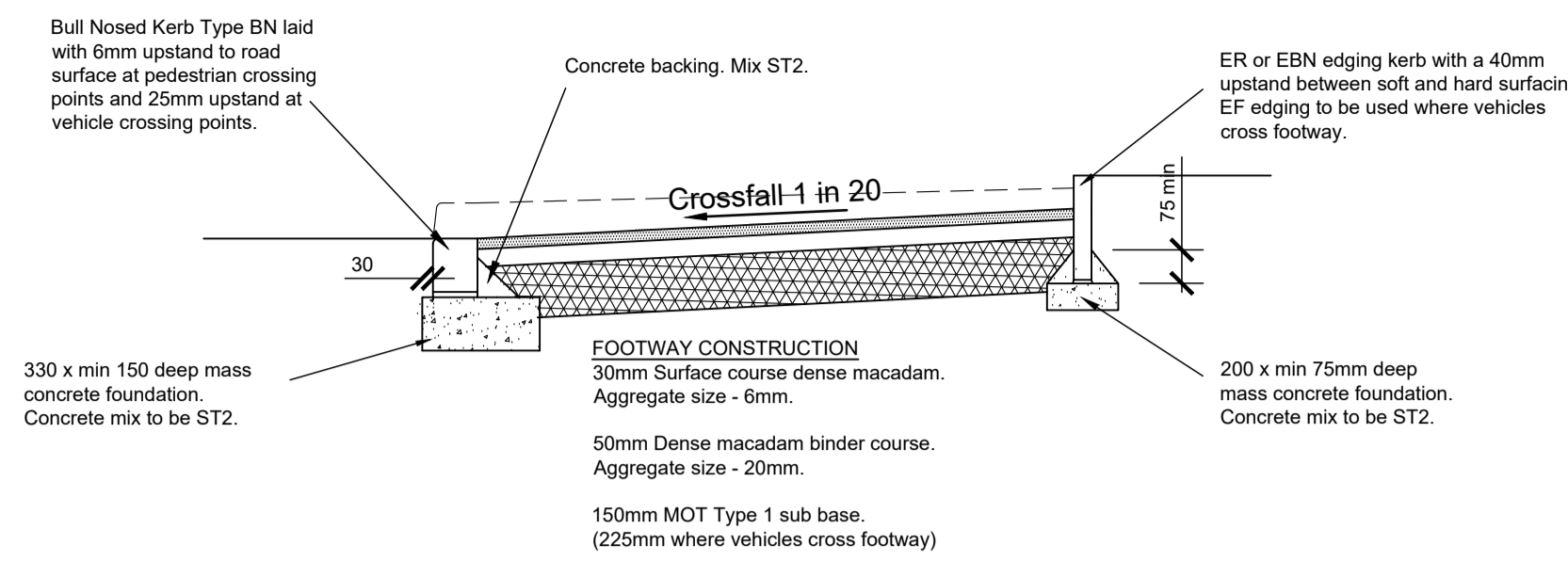


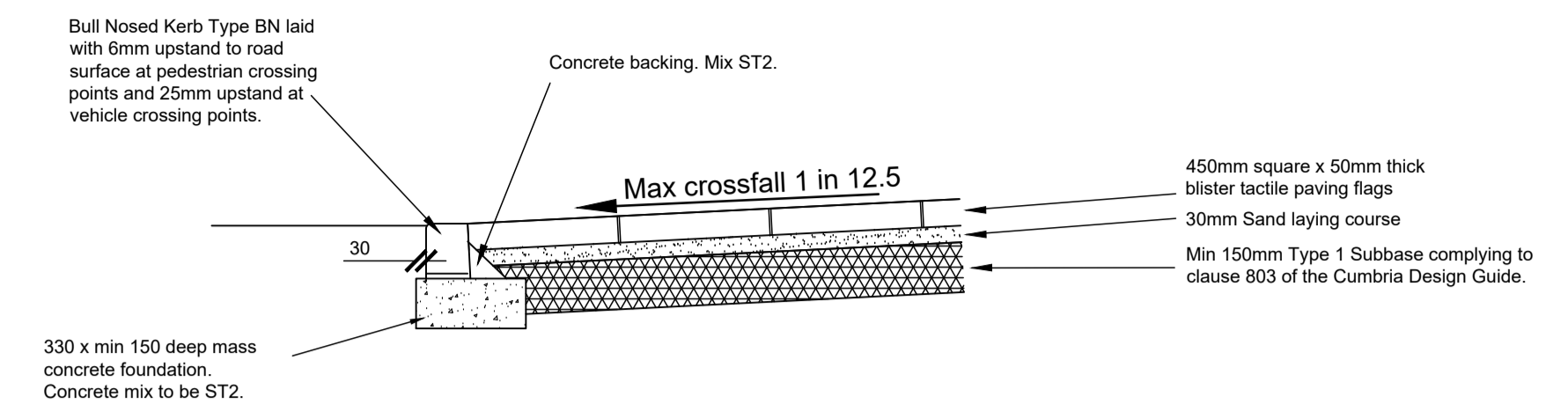
**TARMAC FOOTWAY AND KERBING DETAIL**



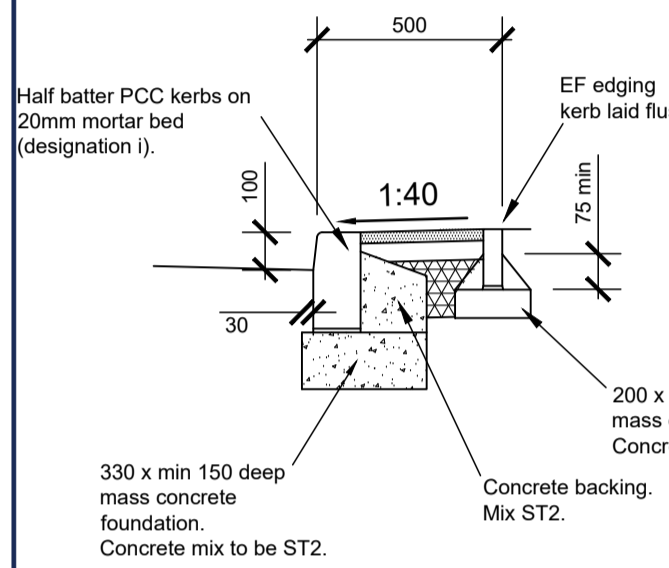
**CARRIAGEWAY AND KERBING DETAIL TO GRASSED VERGE**



**TARMAC FOOTWAY DROP KERB DETAIL**

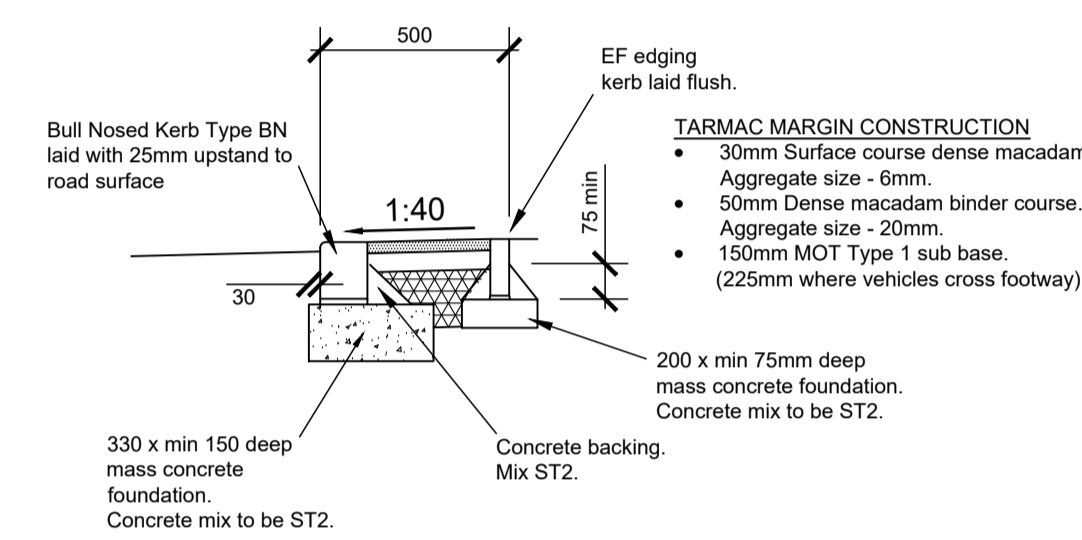


**TACTILE PAVING DROP KERB DETAIL**

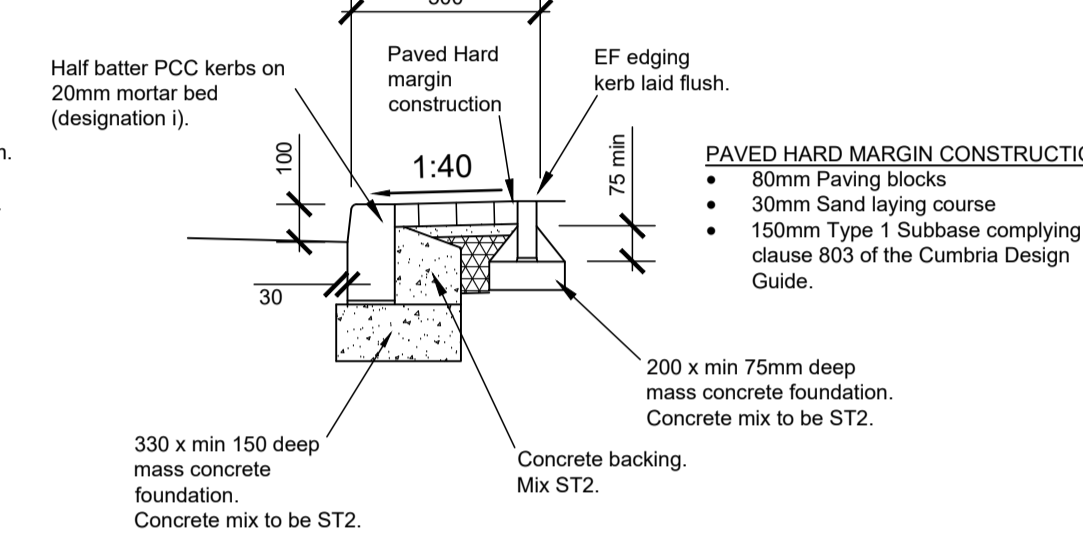


**HB KERBING DETAIL TO TARMAC HARD MARGIN WITH 100mm UPSTAND**

- TARMAC MARGIN CONSTRUCTION**
- 30mm Surface course dense macadam. Aggregate size - 6mm.
  - 50mm Dense macadam binder course. Aggregate size - 20mm.
  - 150mm MOT Type 1 sub base.

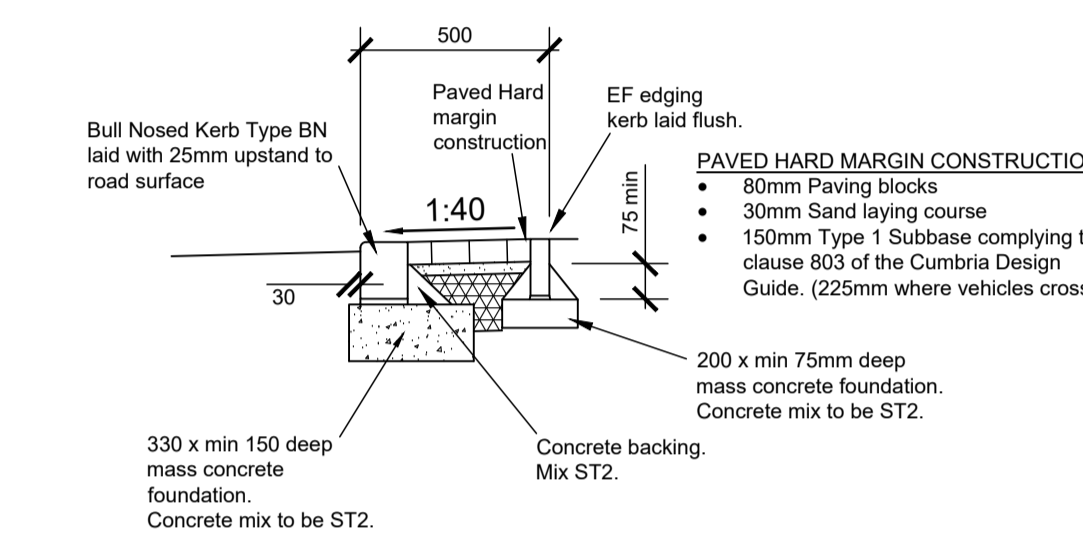


**BN KERBING DETAIL TO TARMAC HARD MARGIN WITH 25mm UPSTAND**



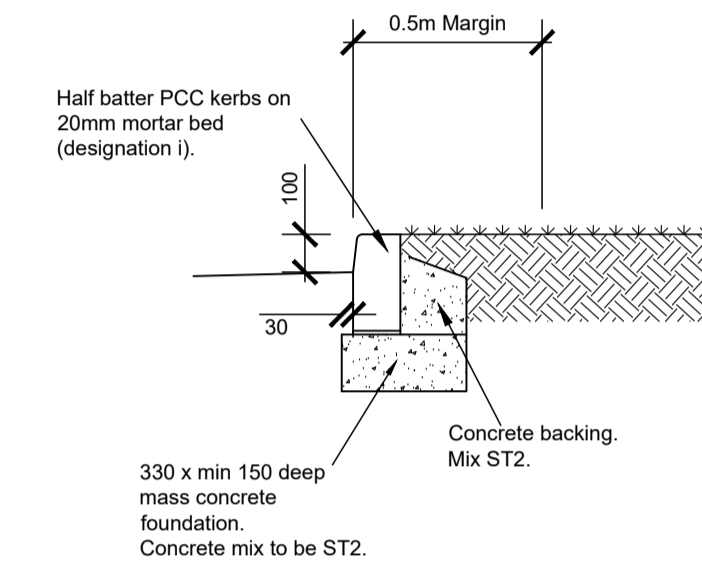
**HB KERBING DETAIL TO PAVED HARD MARGIN WITH 100mm UPSTAND**

- PAVED HARD MARGIN CONSTRUCTION**
- 80mm Paving blocks
  - 30mm Sand laying course
  - 150mm Type 1 Subbase complying to clause 803 of the Cumbria Design Guide.

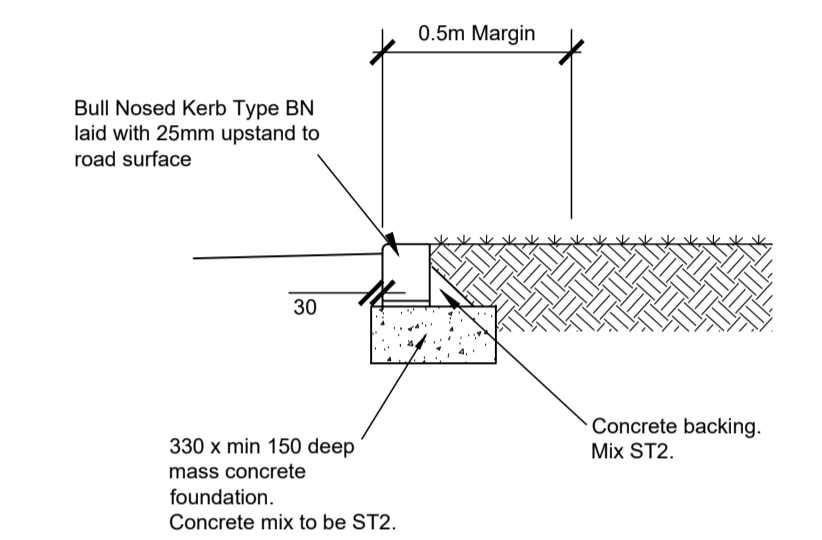


**BN KERBING DETAIL TO PAVED HARD MARGIN WITH 25mm UPSTAND**

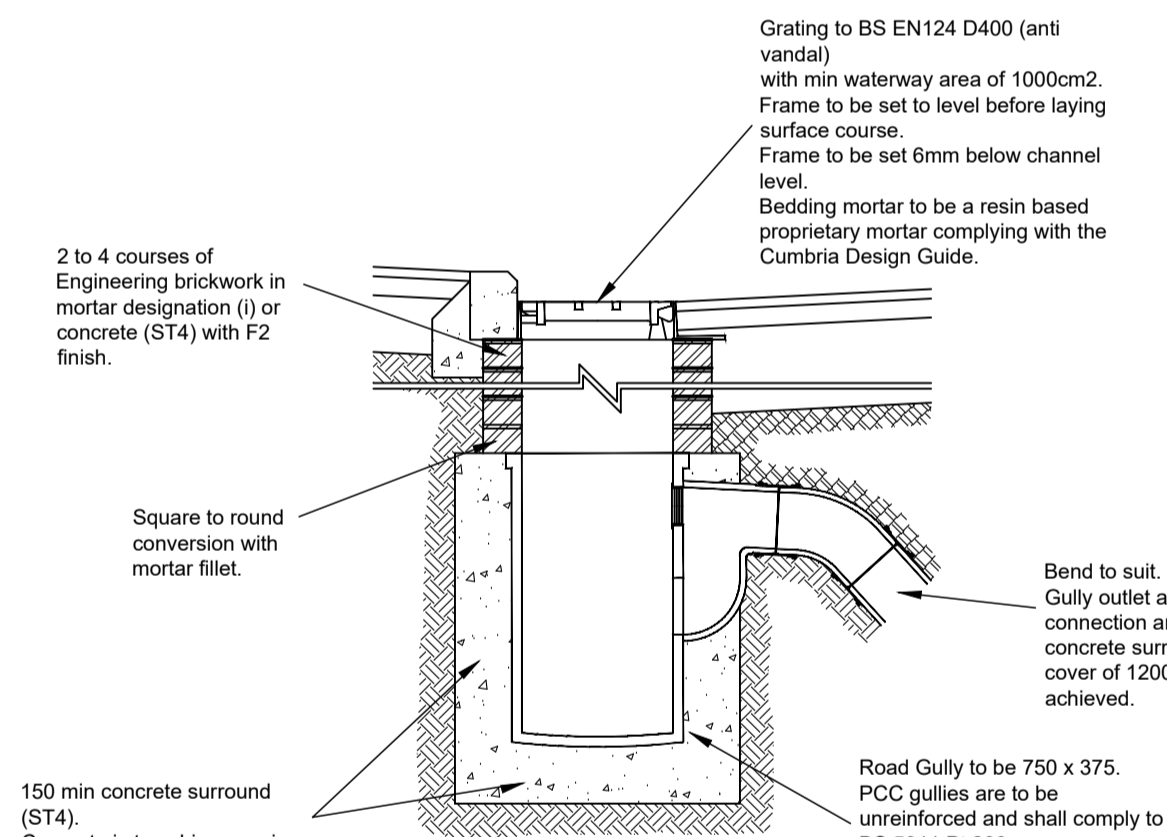
- PAVED HARD MARGIN CONSTRUCTION**
- 80mm Paving blocks
  - 30mm Sand laying course
  - 150mm Type 1 Subbase complying to clause 803 of the Cumbria Design Guide. (225mm where vehicles cross)



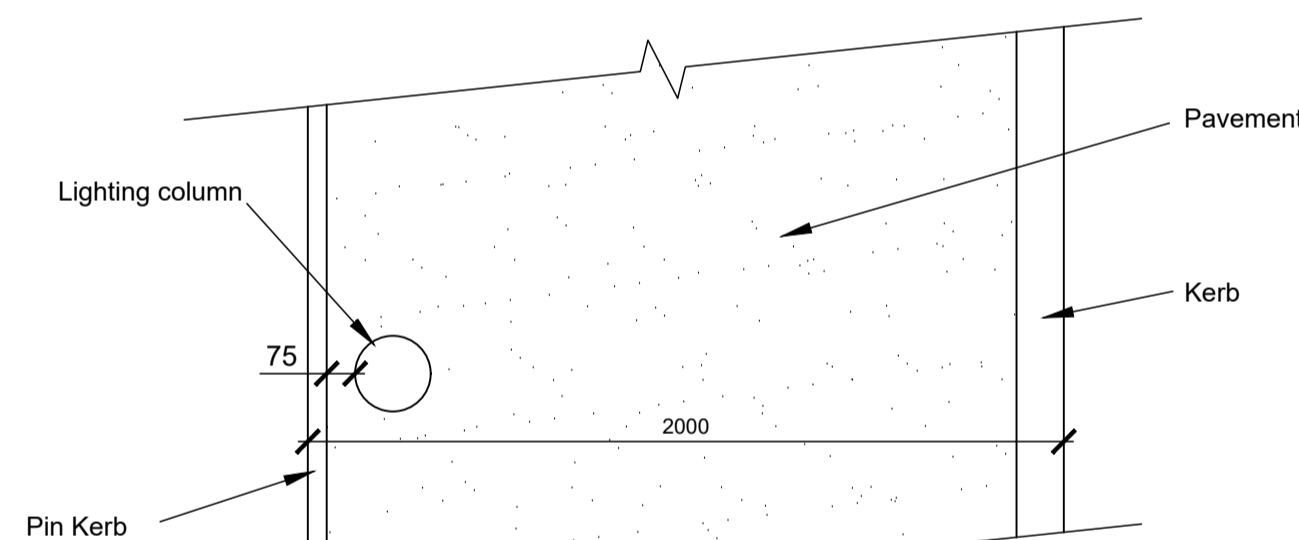
**HB KERBING DETAIL TO PAVED HARD MARGIN WITH 100mm UPSTAND**



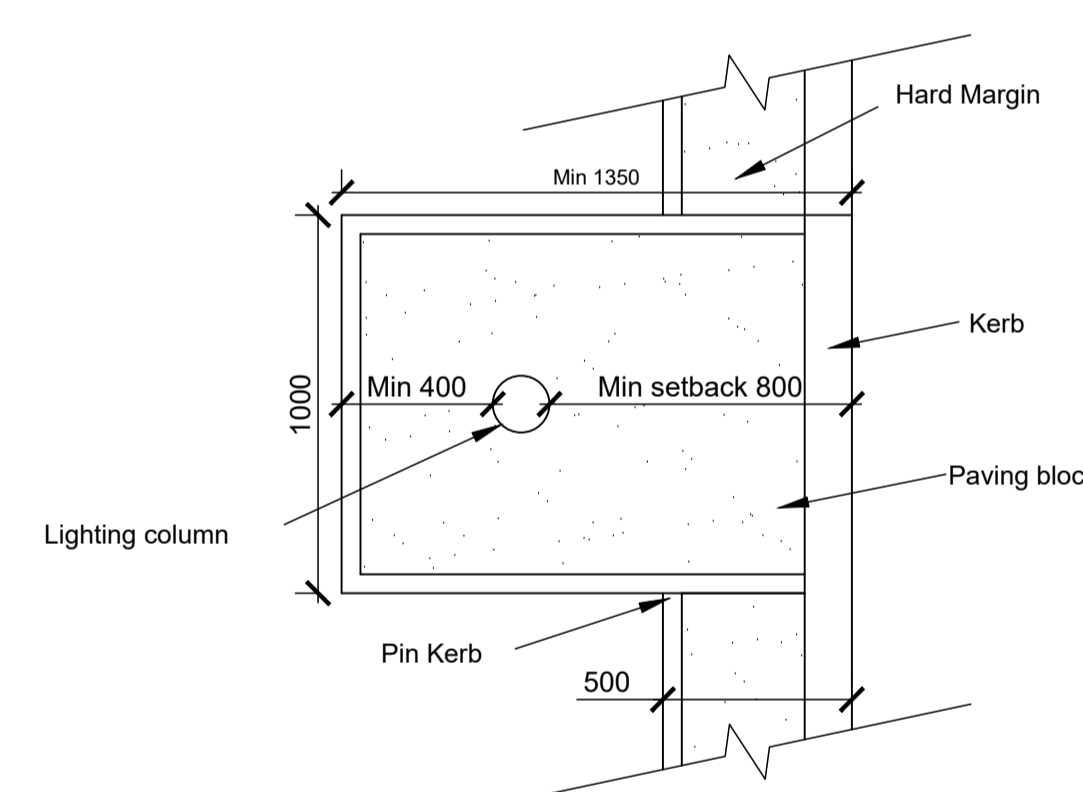
**BN KERBING DETAIL TO GRASSED MARGIN**



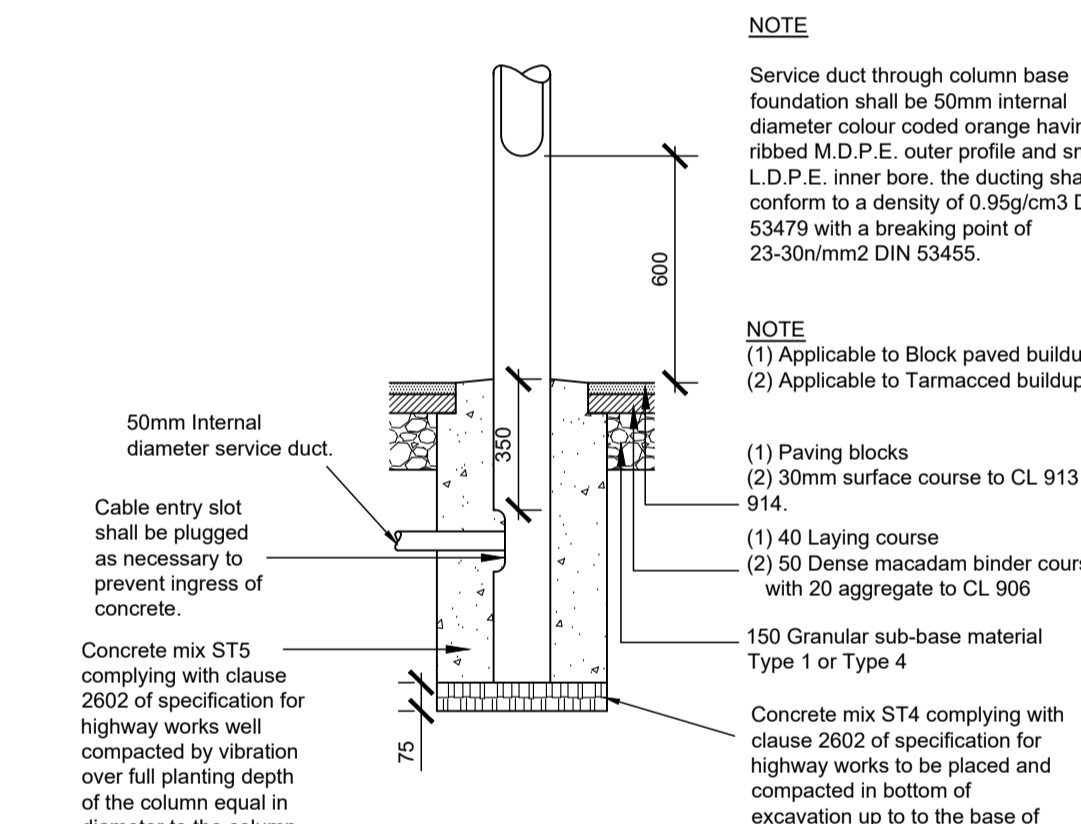
**ROAD GULLY DETAIL**



**TYPICAL LOCATION DETAIL OF LIGHTING COLUMN IN PAVEMENT**



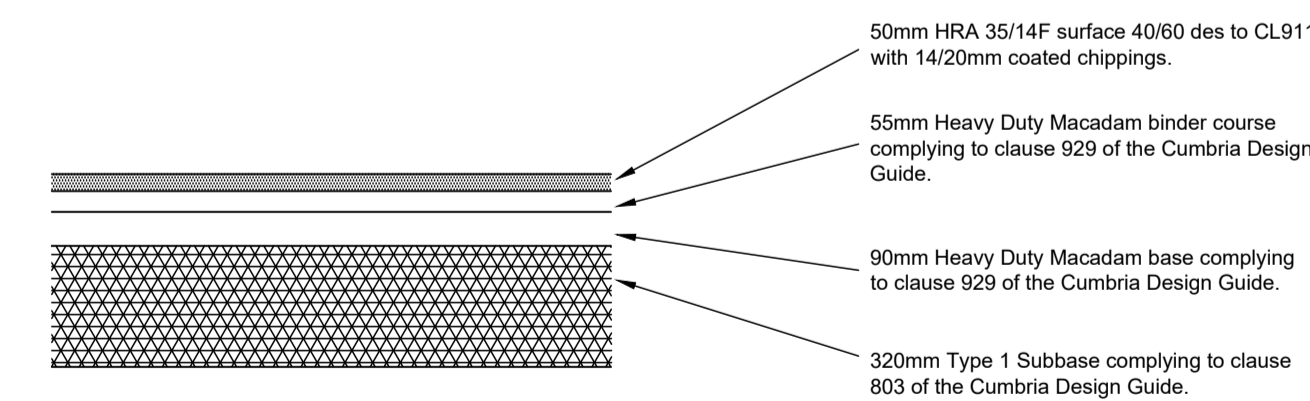
**TYPICAL LOCATION DETAIL OF LIGHTING COLUMN IN HARD MARGIN**



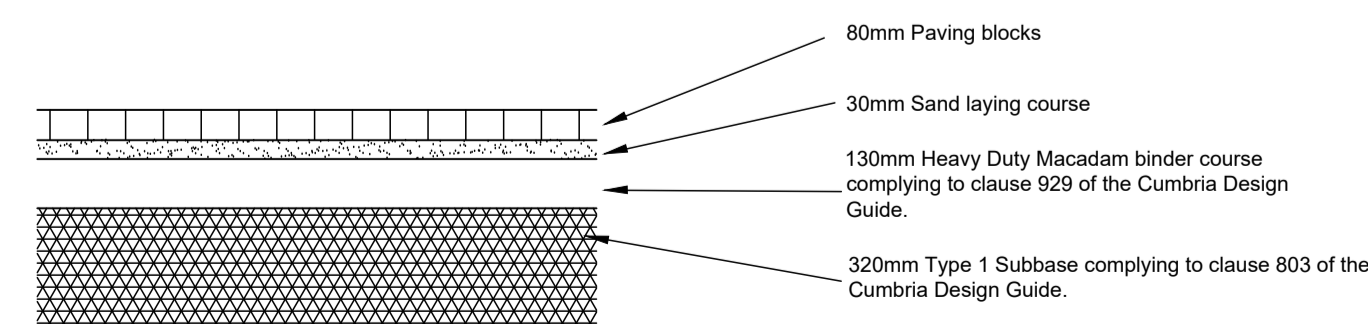
**TYPICAL LIGHTING COLUMN FOUNDATION DETAIL**

- Specification for road gully gratings:-
- Material - Ductile iron  
Surface Coatings - Non Coated  
Depth of Insertion - Min 80mm  
Seating - One piece, permanent non rock design.  
Slots - If slot is wider than 16mm and the orientation to the direction of traffic is between 0 and 45 deg or 135 and 180, the maximum length of the slot is to be 150mm.  
The frame bedding width is to be 75mm solid metal.
- Frame Bedding - The frame bedding width is to be 75mm solid metal.  
Frame depth - 150mm min.  
Frame gusset plate - If vertical webs or gusset plates are provided, the top of such plates are to be a min of 15mm below the top of the frame for triangular plates or 25mm for rectangular plates.  
Frame lifting holes - If the weight of the frame is greater than 15kg, suitable hooks or hooking points are to be provided. These are to be located to give a balanced lift.

**ADOPTABLE TARMAC ROAD CONSTRUCTION WHERE CBR'S >5%**



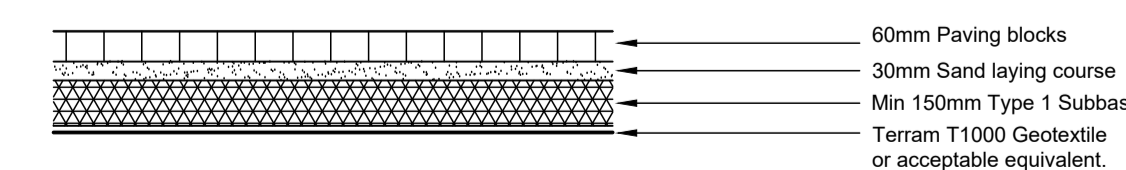
**ADOPTABLE PAVED ROAD & VISITOR PARKING CONSTRUCTION WHERE CBR'S >5%**



NB: Where CBR's differ from >5% the buildup shall be adjusted accordingly using the table below.

CBR (%)	CAPPING (mm)	SUB-BASE (mm)
<2.5	Min 600mm Type 6F4 or 6F5	150mm Type 1
2.5 - 5	Min 400mm Type 6F4 or 6F5	150mm Type 1
>5	N/A	320mm Type 1

**PRIVATE DRIVEWAY CONSTRUCTION WHERE CBR'S >5%**



Where CBR's <5% are encountered an additional capping layer of 6F4 or 6F5 material should be provided above the Geotextile with a minimum depth of 300mm.

Revisions

Rev	Date	Description
A	10.03.22	Details added (AJ)
B	16.03.22	Tactile paving detail added (AC)

**PRELIMINARY**

Project  
**Residential Development at School Brow, Moresby Parks**

Client  
**Raemore Developments Limited**

Drawing  
**Typical Road Construction Details**

Project no	Drawing no	Date	Drawn by	Rev	Scale	Sheet
6972	103	NOV 20	SJ	B	1:20	A1

**TWEDDELL & SLATER**  
CONSULTING CIVIL & STRUCTURAL ENGINEERS

Tweddell & Slater Ltd  
Unit 2, Moresby  
Eden Business Park  
North Yorkshire, YO11 9FB  
Tel: 01763 866600  
Email: mail@tweddell.com  
Web: www.tweddell.com

Tweddell & Slater North East Ltd  
20 Market Place  
Richmond  
North Yorkshire, YO10 4QG  
Tel: 01748 953162