

In line with the above regulations we are obliged to inform the Contractor of the abnormal risks that may be encountered in the construction of these works. As part of the design process all the salient health & safety aspects are given full consideration and these are observed within the designs viewed on this document. Although considerable effort is undertaken to eliminate risks, the very nature of the project gives rise to some hazards and risks.

Significant risks that cannot be eliminated by design and could not be foreseen by a competent contractor are noted in the risk assessment boxes on the drawings.

Notes

- All highway works to be constructed in accordance with the South Yorkshire Design Guide and any specific requirements of Barnsley MBC.
- All highway works are to be the subject of a Section 38 Agreement of the Highways Act 1980.
- All public sewers to comply with the requirements of the Water Research Councils publication "Sewers For Adoption - 6th edition" together with any additional specific requirements of the Drainage Authority.
- All public sewers are to be the subject of a Section 104 Agreement of the Water Industry Act 1991.
- This drawing to be read in conjunction with:-
1:500 Engineering Layouts and the Longitudinal Sections.

NOTE

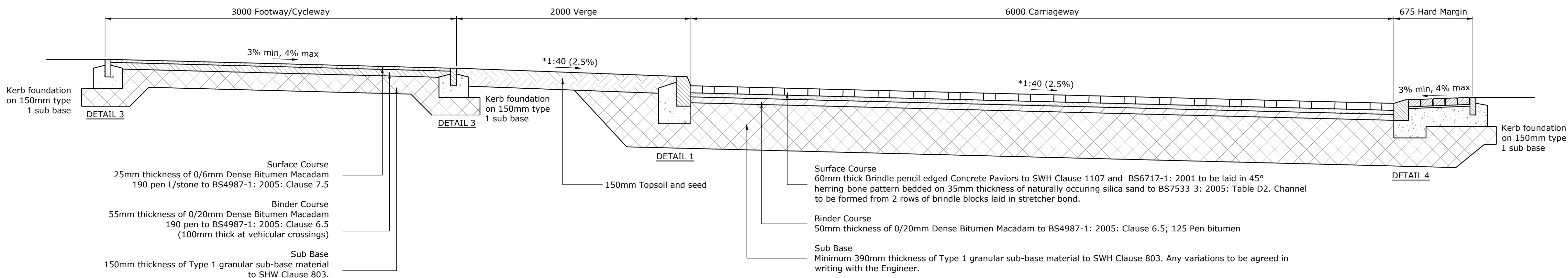
Insitu plate load CBR tests are required at formation level to confirm sub base and any capping layer thickness.

CBR values less than 2.5% will require further discussions with the L.A. Engineer.

CBR values vary across the site and therefore further testing will be required to confirm the actual CBR values at formation level prior to construction commencing.

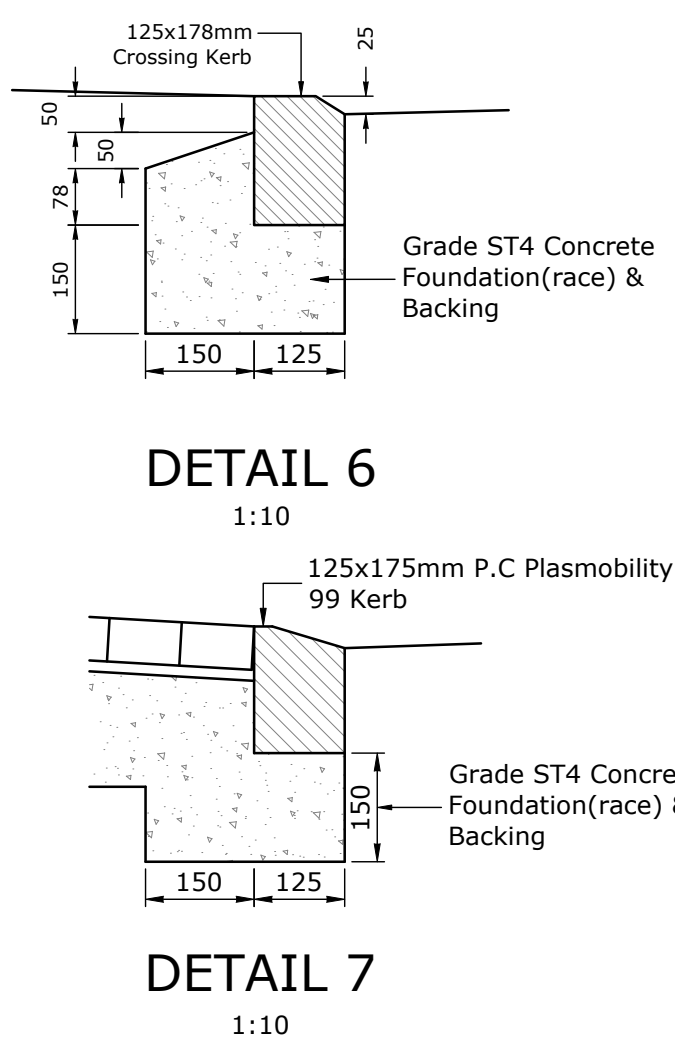
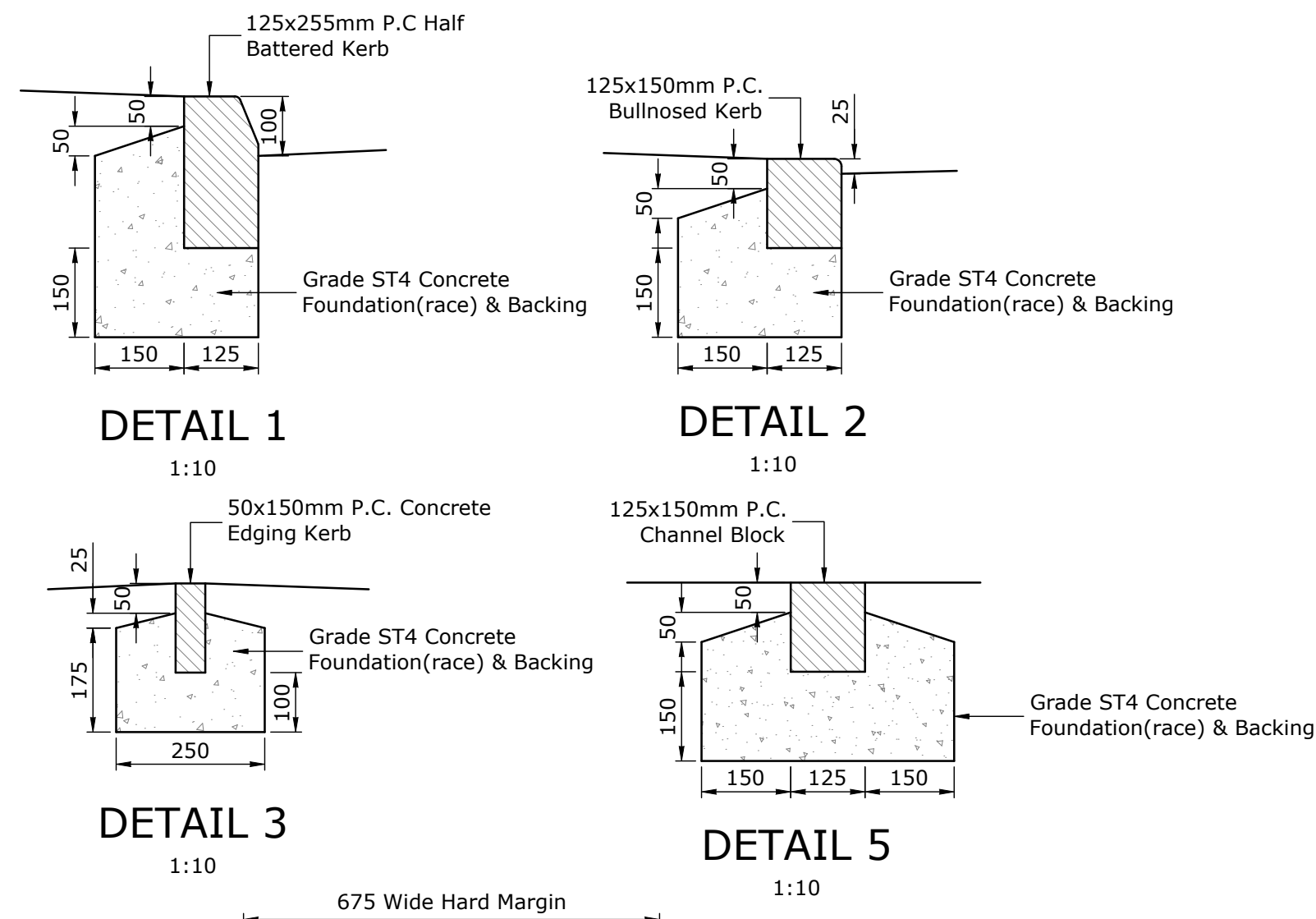
No made ground or unsuitable material is to remain below the proposed highway construction.

Any made ground below formation level is to be replaced with engineered fill in accordance with the "Specification for Highway Works".



TYPICAL SECTION THROUGH ROAD 14(Part)

1:20



Rear of Footway

Kerb Line

Main Road

Kerb Line

Rear of Footway

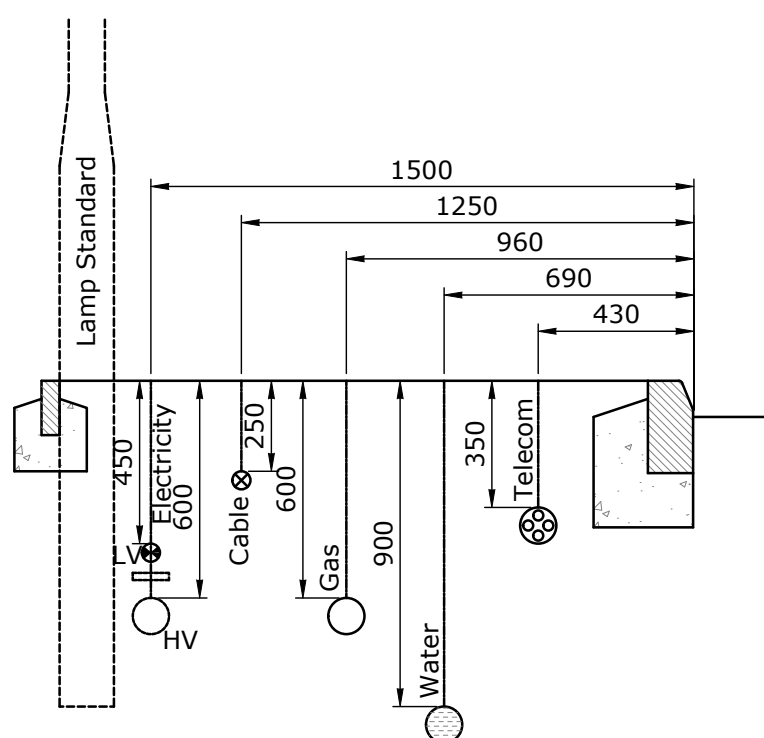
Domes aligned to direction of crossing

50x150mm P.C. Concrete Edging

Minor Road

RADIUS TACTILE CROSSING DETAIL

Scale 1:100



SERVICE STRIP ARRANGEMENT

Scale 1:20

PAVEMENT FOUNDATION DESIGN

CBR %	Capping (mm)	+	Sub-base (mm)		Sub-base (mm)
Less than 2.5	Ground improvements/special construction required				
2.5	250	+	350	OR	475
3.0	250	+	325	OR	450
4.0	225	+	275	OR	375
5-10	200	+	250	OR	325
10-15	175	+	175	OR	250
Greater than 15	150	+	150	OR	200

Construction Detail Notes

All kerbing and edging units shall conform to BS EN 1340:2003.

All concrete flags shall conform to BS EN 1339:2003

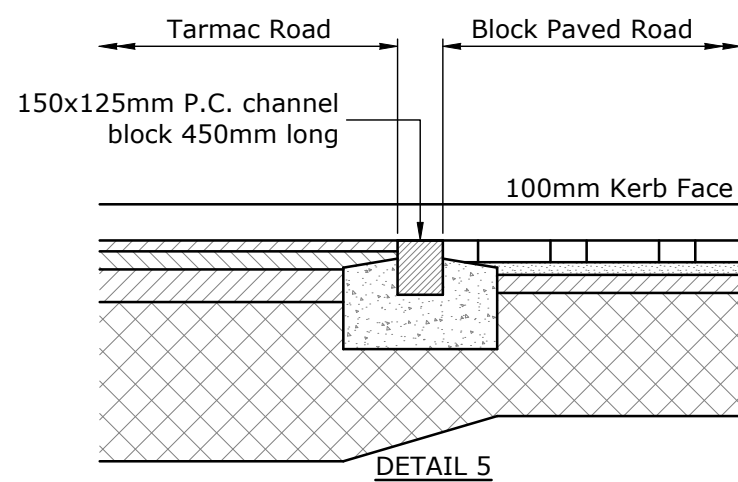
Concrete shall conform to BS 8500-1:2002 and shall be un-reinforced Class ST4 with maximum aggregate size of 20mm, S1 consistency and well compacted.

Surface Course
5 courses of 200x100x60mm thick Charcoal pencil edged concrete block paviors to BS EN 1338:2003, laid in a stretcher bond, bedded on a 15mm thickness of 3:1 sand:cement mortar. Joints to be filled with dried free flowing sand to BS EN 12620:2002; Table D4.

Concrete Bed
ST4 concrete to BS 8500-1:2002 and shall be un-reinforced with maximum aggregate size of 20mm, S1 consistency and well compacted.

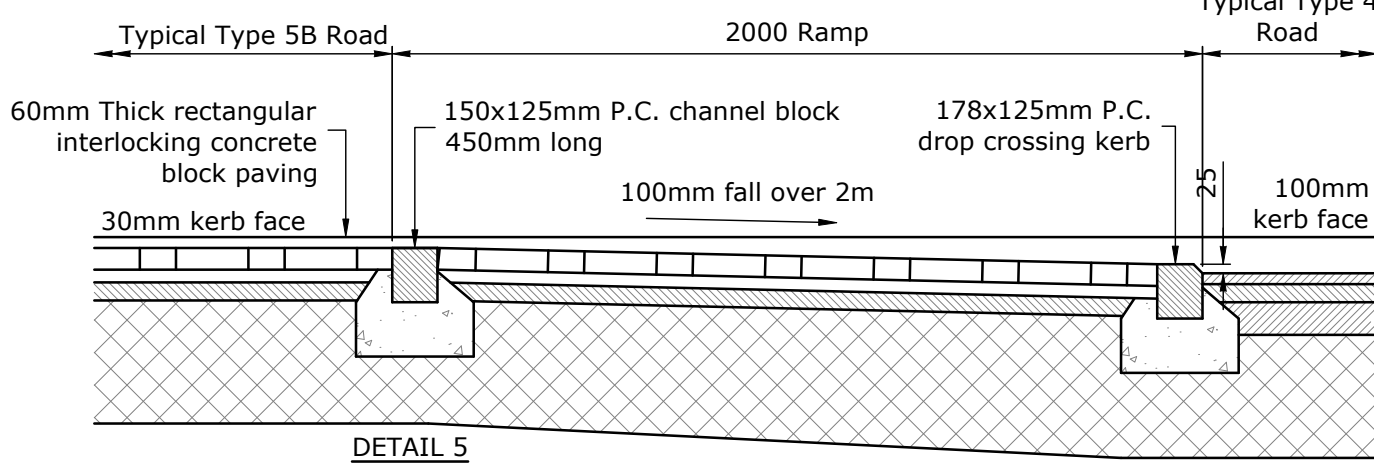
DETAIL 4

1:10



TARMAC ROAD/BLOCK PAVED FEATURE TRANSITION DETAIL

Scale 1:20

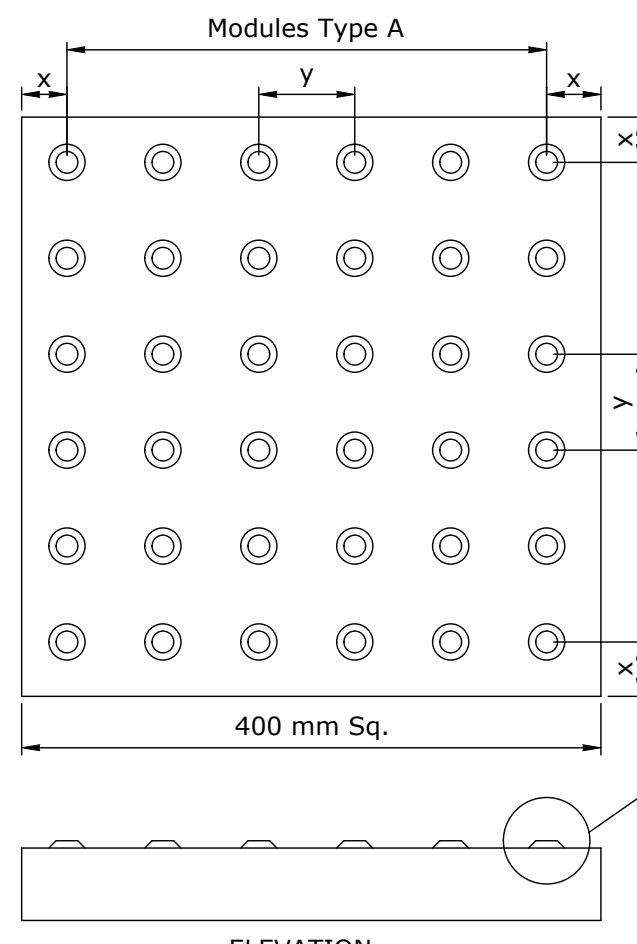
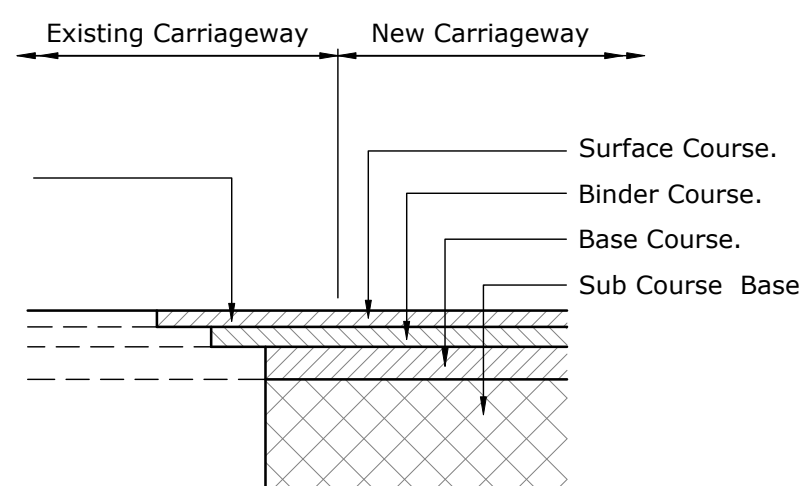


RAMP DETAIL

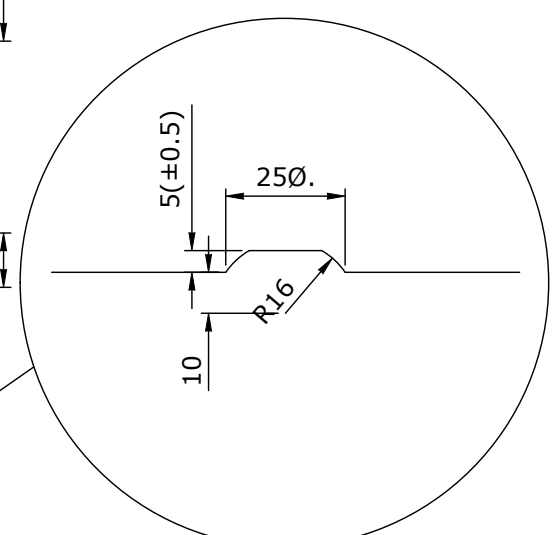
Scale 1:20

STEPPED TIE-IN DETAIL

Scale 1:20



Module Type	Size	No. of domes	Dimensions	
			x	y
A	400x400mm	6 x 6 = 36	33mm	66.8mm
B	450x450mm	7 x 7 = 49	33mm	64mm
C	200x133mm	2 x 3 = 6	33mm	67mm



TYPICAL TACTILE PAVING DETAILS

1:5