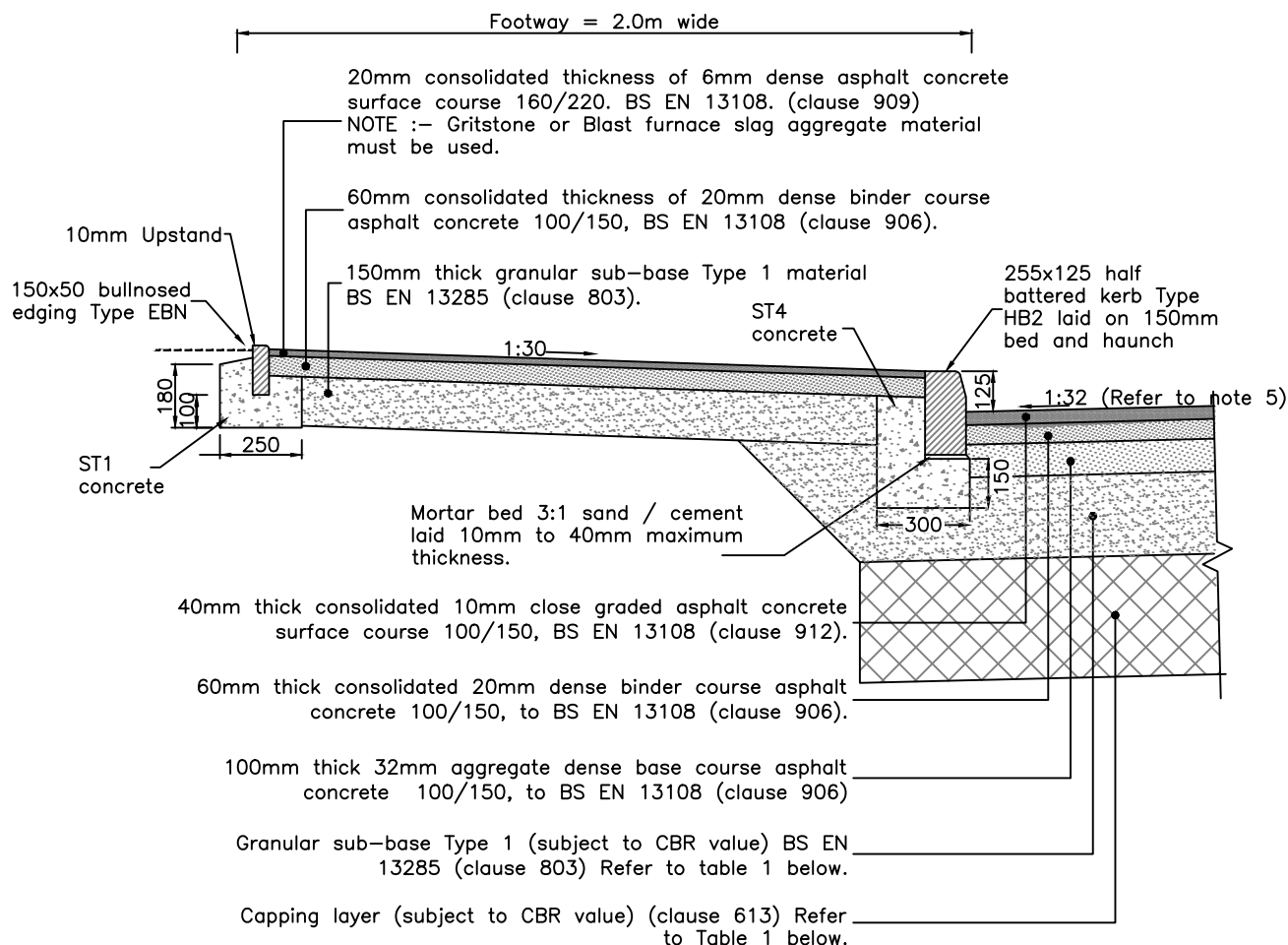


Rev.	Amendments	Date	Made By	Chk'd By



NOTES

- When bituminous mixture is laid as base course and is not covered immediately with the binder course or binder course is laid and not immediately covered with surface course, then apply tack coat bituminous spray Class C40B4 cationic emulsion (BS EN 13808) at a rate of spread of 0.5 litres/m². (clause 920)
- Production / laying / compaction requirements, sub-base – clause 802, capping layer – clause 612, asphalt concrete base course / binder course / surface course – clause 901 and 903.
- Table below is given for guidance only. Specialist geo-technical advice should be taken particularly where the CBR value is below 5%. Consideration should also be given for the provision of geo-grid and geo-textile membranes depending on the site conditions.
- The use of recycled material will require prior agreement and the provision sample test certificates indicating suitable grading characteristics and the absence of contamination. When permitted it may only be used as capping material or as sub-base in non-carriageway areas.
- The minimum overall construction thickness of carriageway shall be 450mm.
- Apart from those lengths requiring superelevation by design need, the cross section of the new carriageway should be crowned to provide a balanced camber. This will ensure that surface water from higher ground will not drain across the carriageway to the lower side.
- Weed killer to be applied at formation level or top of the sub-base to the approval of the Highway Engineer.
- Where hot rolled asphalt surface course is required please refer to RCT standard detail number 142.
- All dimensions are in millimetres unless otherwise stated.
- Kerbs as shown on standard detail number 170.

TABLE 1

CBR Value	Below 2%	2% – 5%	Above 5%
Sub-base	150mm	150mm	250mm
Capping Layer	600mm	350mm	0mm

FOOTWAY AND CARRIAGEWAY CONSTRUCTION – RESIDENTIAL STREETS

HIGHWAY DESIGN GUIDE STANDARD DETAILS

RHONDDA CYNON TAF
COUNTY BOROUGH COUNCIL



Drawn	DA
Checked	SZ
Date	Apr '11
Scale	NTS
Drg. No.	110
Rev.	