



CBR VALUE	BELOW 2%	2% - 5%	ABOVE 5%
SUB-BASE	150mm	150mm	250mm
CAPPING LAYER	600mm	350mm	0mm

NOTES:

- When bitumen layer 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 C4084 cationic emulsion (BS EN 13808) at a rate of 0.5 litres/sq. m (clause 920)
- Production / laying / compaction requirements, sub - 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 site conditions.
- The use of recycled material will require prior agreement and the provision of 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 the 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 the surface water from the higher ground will not drain across the carriageway to the lower side.
- Weedkiller to be ighway Engineer.
- Where hot-rolled asphalt surface course is required please refer to RCT standard detail number 142.
- All dimensions are in millimetres unless stated otherwise.
- Kerbs as shown on standard detail number 170.

k.j.lloyd AADip. RIBA CHARTERED ARCHITECT		49 Coed Y Pia, LLanbradach Caerphilly, CF83 3PT	
PROJECT PROPOSED DWELLINGS LAND TO THE SOUTH OF CANAL SIDE HOUSE PLEASANT VIEW ABERFAN CF48 4PQ		SCALE 1:20 @ A3 DATE MAY 2025	
DRAWN KL		DRG.NO. RD.01	
DRAWING FOOTWAY AND CARRIAGEWAY CONSTRUCTION			