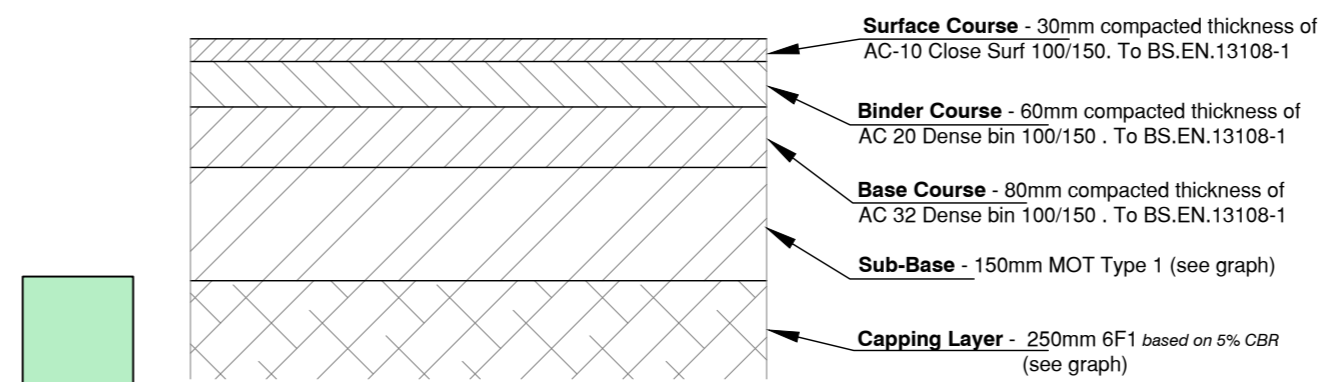
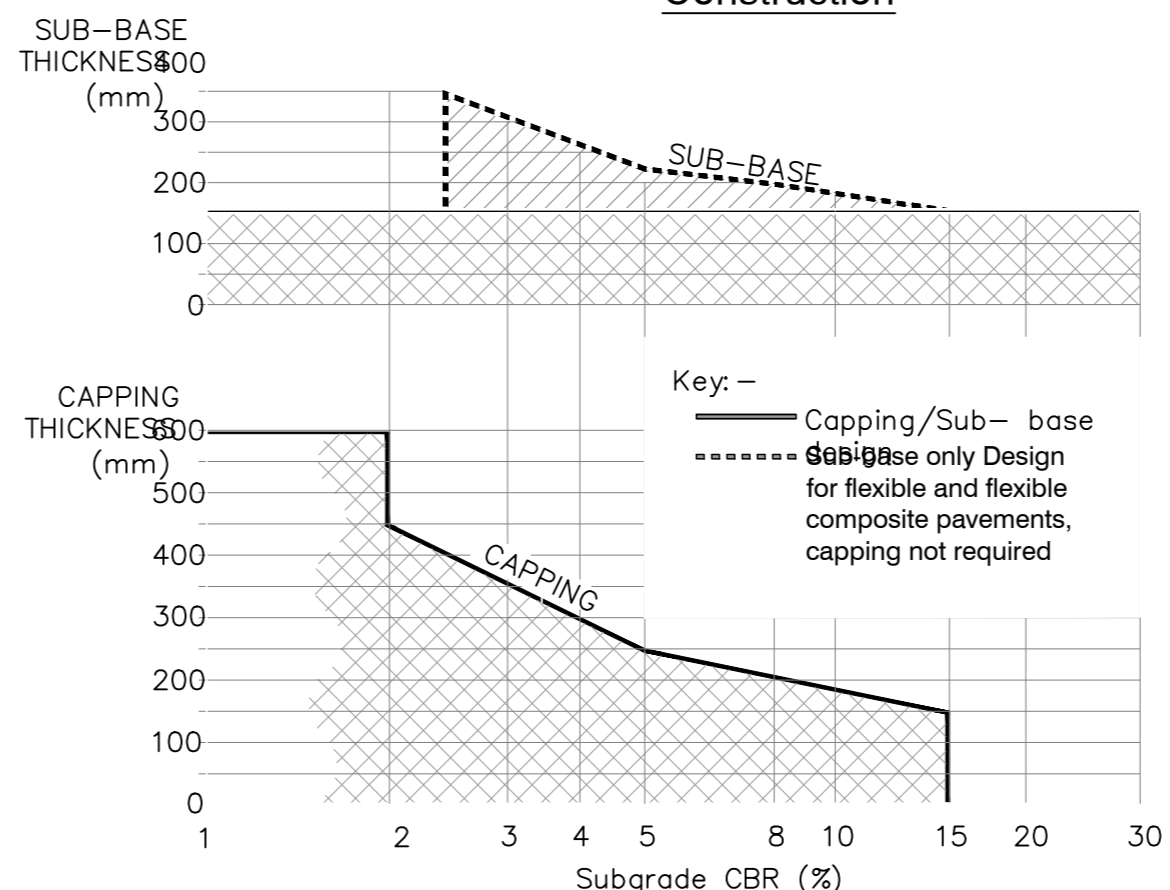


Permeable Paving with Filter Drain



Parking Court / Aisle Subject to HGV Traffic Construction



Capping and Sub-base Thickness Design

The thickness of sub-base and capping shall be obtained from Figure 3.1.

- The sub-base may be omitted where the CBR is above 30%.
- Where the sub grade CBR is greater than 15%, the thickness of sub-base required is 150mm.
- When the sub grade CBR is between 2.5% and 15% for flexible and flexible composite construction, there are two options available.
 1. 150mm of sub-base can be used over a varying thickness of capping which depends on the CBR value. An increasing thickness of sub-base shall be used with the decreasing CBR, with no requirement for capping.
 2. For all pavements and sub grades with CBR values below 2.5%, 150mm of sub-base on the varying thickness of capping must be used.
- When the sub grade CBR is below 2% even after proof rolling, seek the advice of the engineer.
- The design should be based on the lowest CBR value and not amended unless there is significant increase in the CBR along the road.

FIGURE 3.1 Capping and Sub-base Thickness Design
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REV	DESCRIPTION	BY	DATE