



High stone HRA Surface course 70/100 pen  
 Binder course - 60mm AC20 dense bin 40/60 PEN BS EN 13108-1 & BS 594987.  
 Base course - 150mm AC32 dense base 40/60 PEN to BS EN 13108-1 & BS 594987.  
 Type 1 Sub-base - see Table 1  
 Capping - see Table 1

{PSV 65 min  
 {AAV 14 max  
 (Texture depth not less than 1.0

**Notes:**

1. All dimensions are in millimetres unless shown otherwise.
2. 'Minor Access Roads' includes all cul-de-sacs or roads feeding cul-de-sacs up to 2 msa.
3. A bond coat shall be applied between all bituminous layers in accordance with BS 594987.
4. When the surface course is not laid immediately after the binder course, the binder course shall be blinded with coated grit complying with BS 594987 & BS EN 13108.
5. Manhole covers should not be set until after the base material is laid.
6. Ground stabilisation shall be used as an alternative to capping for formation CBRs of less than 2.5%. A proposal must be submitted to OxonCC following the principles of CD225.
7. To address site specific needs and localised material requirements, the Engineer reserves the right to vary the asphalt materials and layer depths specified.
8. For further information refer to Standard Details Guidance Note drawing no. HSD/100/001

**TABLE 1**

CBR (%)	Subbase on Capping (mm)		Subbase Only (mm)
	Subbase	Capping	
≤2.5	Ground Stabilisation		Ground Stabilisation
2.5 – 5.0	250	420	420
5.0 – 7.5	200	250	265
7.5 – 10.0	165	220	240
10.0 – 12.5	150	200	220
12.5 – 15.0	150	170	210
15.0≥	150	150	200

(figures used in table above have been extracted from figures 3.18 and 3.20 of CD225).

- All subbase is to be Type 1 in compliance with MCHW1 803.
- All capping is to be 6F2 or 6F5 in compliance with MCHW1 613.
- Grading certificates for all granular fill are to be provided for every 500 tonnes.
- Foundations on cohesive soils are to use subbase on capping foundation type.
- Minimum total thickness to be 450 if sub-grade is frost susceptible



DRAWING TITLE:  
 Series 700: Road Pavements General - Pavement Construction -  
 Minor Access Road

SCALE: NTS

	DRAWN	CHECKED
INITIALS:	CS	MS
DATE:	12/01/2024	12/01/2024

DRAWING NO:

HSD/700/005

REV	AMENDMENTS	DRN	CHCK'D	DATE
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