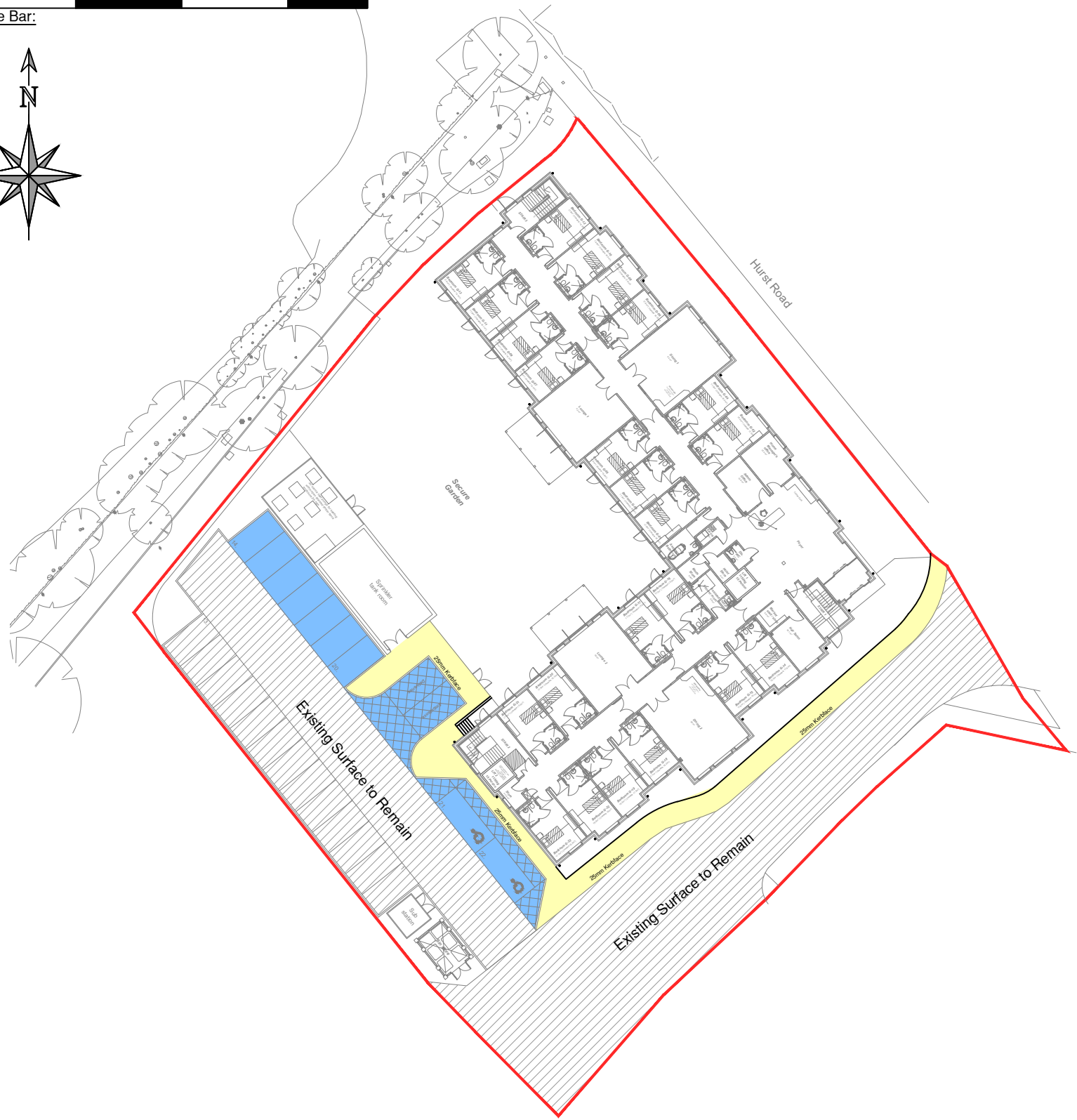
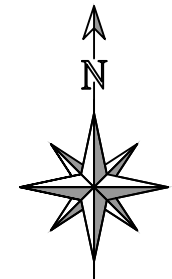
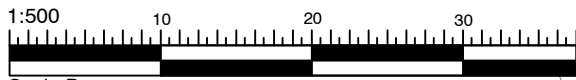
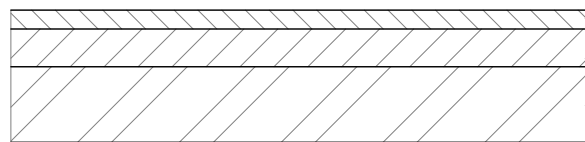


### Footway Construction



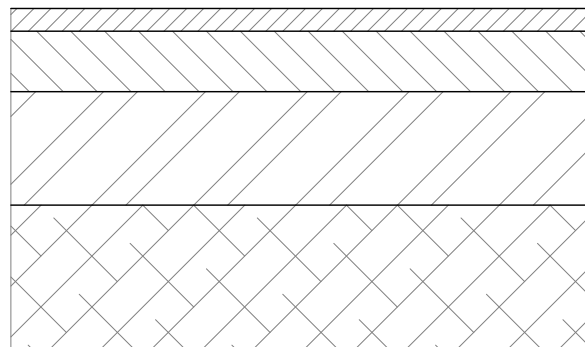
Surface course - 25mm AC 6 dense surf 160/220  
To EN.13107-1

Binder course - 50mm AC 20 dense bin 40/60  
To EN.13108-1

Sub-base - 100mm Type 1 granular material  
in accordance with Clause 803.



### Parking Areas Construction

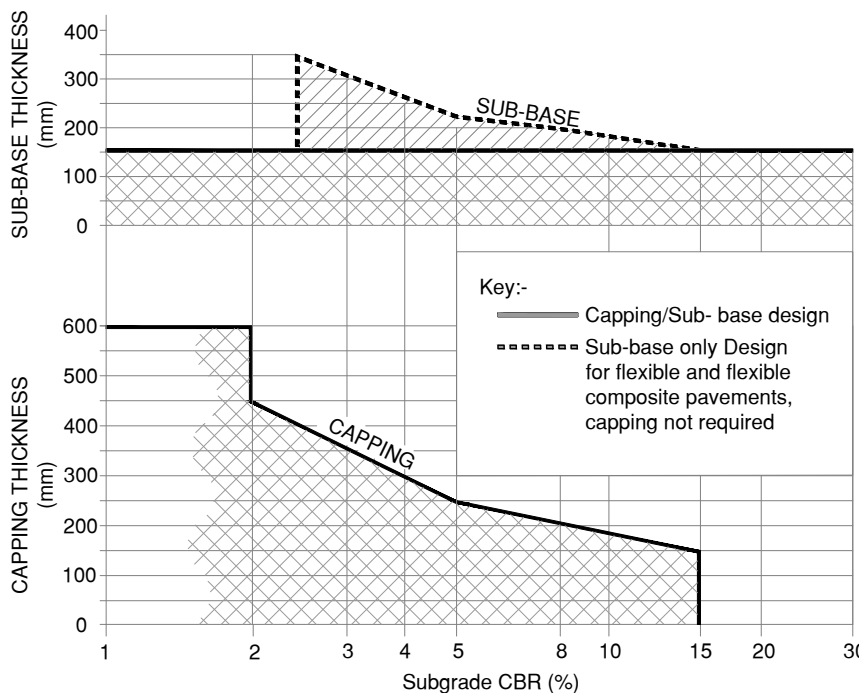


Surface Course - 30mm compacted thickness of  
AC-10 Close surf 100/150. To BS.EN.13108-1

Binder Course - 80mm compacted thickness of  
AC-20 dense bin 100/150 . To BS.EN.13108-1

Sub-Base - 150mm MOT Type 1 (see graph)

Capping Layer - 250mm 6F1 based on 5% CBR  
(see graph)

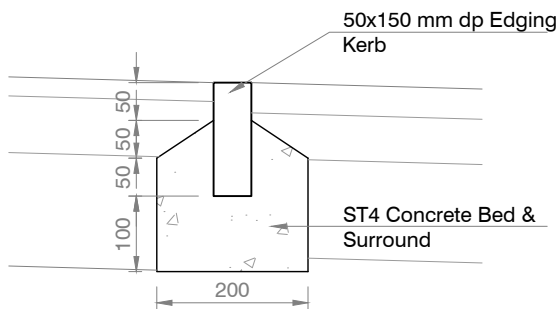


The thickness of sub-base and capping shall be obtained from Figure 3.1.

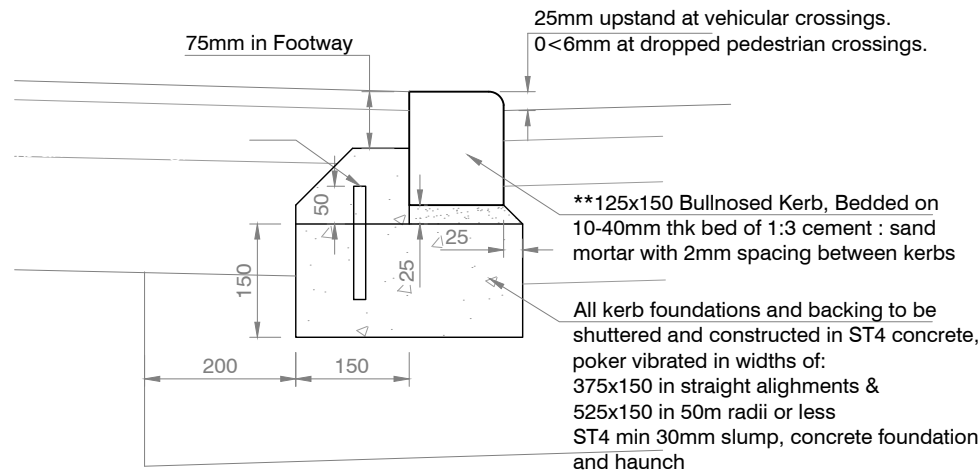
- The sub-base may be omitted where the CBR is above 30%.
- Where the sub grade CBR is greater than 15%, the thickness of sub-base required is 150mm.
- When the sub grade CBR is between 2.5% and 15% for flexible and flexible composite construction, there are two options available.
  - 150mm of sub-base 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.
- 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  
Volume 7 section 2 part 2 HD25/94  
Pavement design and construction - foundations

### Capping and Sub-base Thickness Design



### Flush 50x150mm Edging Flat Kerb Type EF



NOTE:  
125x150 BN Kerb required for singular vehicular access  
125x225 BN Kerb required for multiple vehicular access

### Dropped Kerb Type BN

\*\* Multiple or shared parking bays  
require 225x125 Bullnosed Kerb

| REV | DESCRIPTION | BY | DATE |
|-----|-------------|----|------|
|     |             |    |      |

|         |                |     |
|---------|----------------|-----|
| DRAWING | External Works | REV |
| PWS No  | CS260706-103   |     |

|            |            |      |            |
|------------|------------|------|------------|
| DRAWN BY   | DMcC       | DATE | 05.08.2026 |
| CHECKED BY |            | DATE |            |
| SCALE      | 1:250 @ A2 |      |            |

|         |                                              |       |              |
|---------|----------------------------------------------|-------|--------------|
| PROJECT | Hurst Road, Horsham<br>West Sussex, RH12 2DJ | PHASE | CONSTRUCTION |
|---------|----------------------------------------------|-------|--------------|

|        |                             |
|--------|-----------------------------|
| CLIENT | City Construction Group Ltd |
|--------|-----------------------------|

|                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------|
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