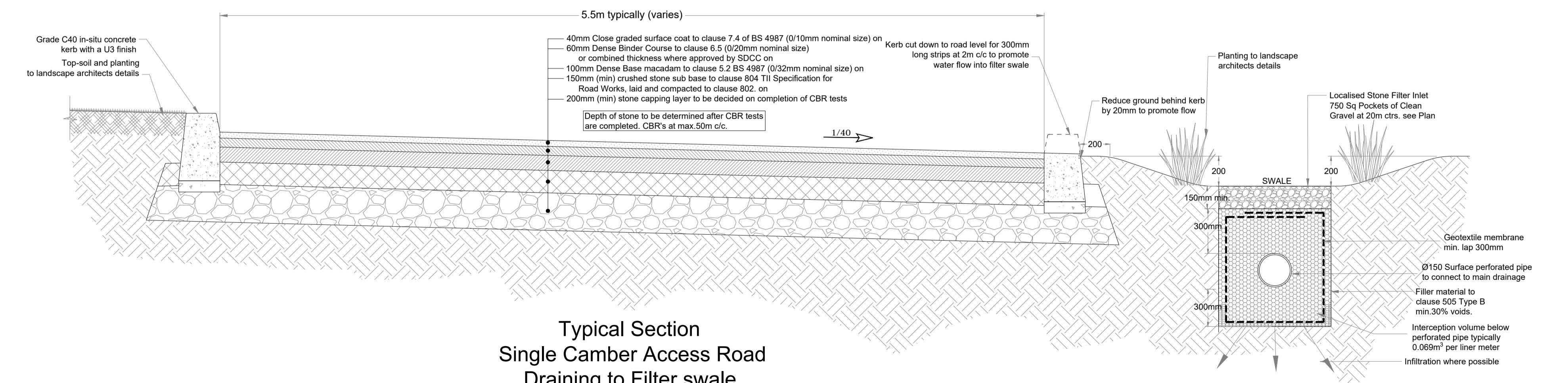
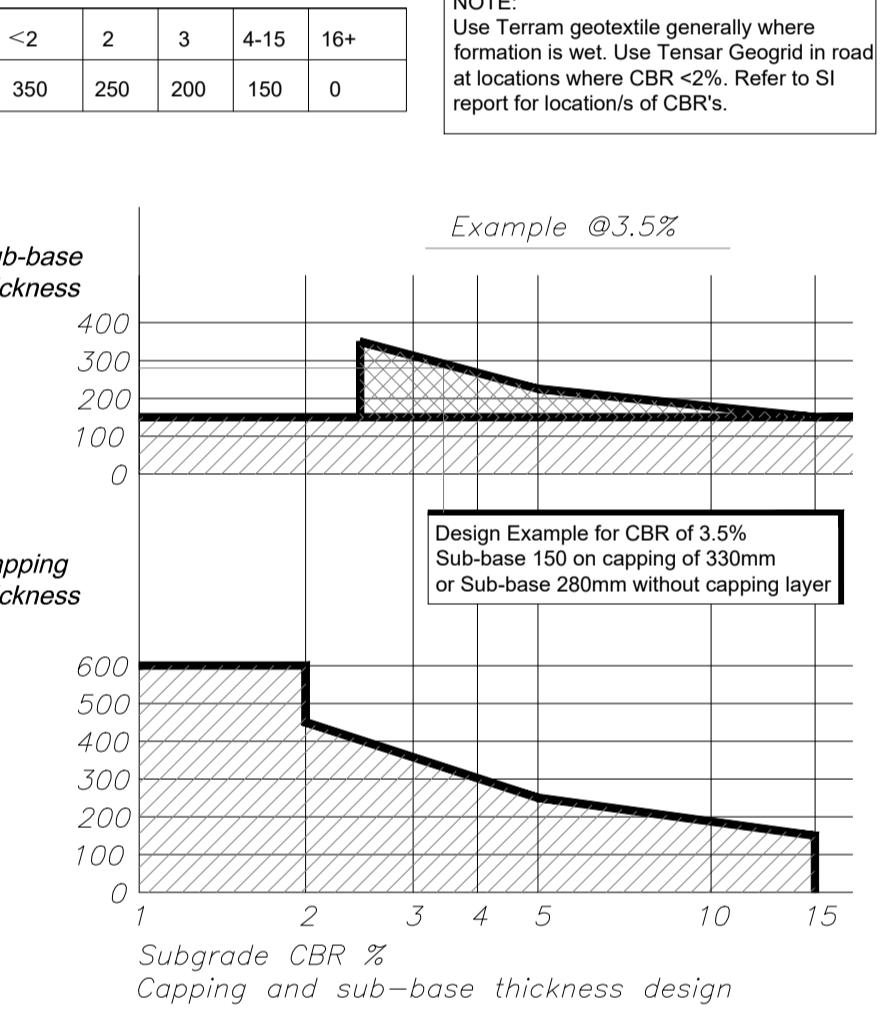
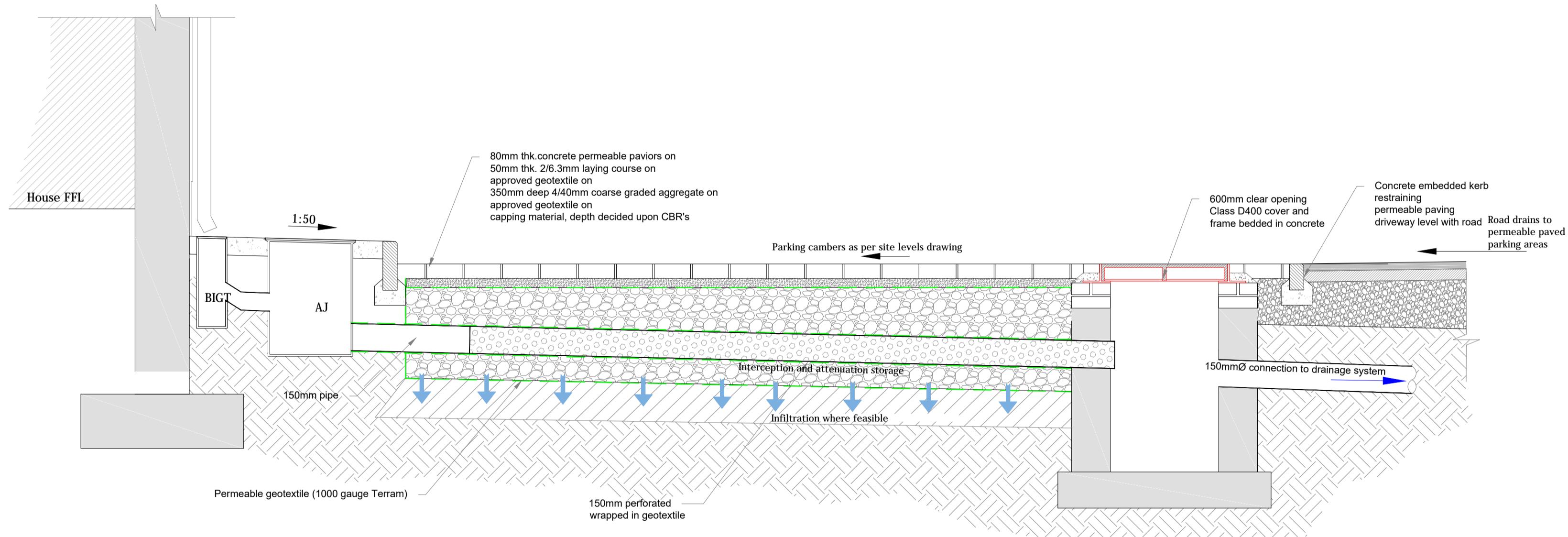


ROAD SPECIFICATION FOR SPINE ROAD:

- Surface Course - One of following:
  - A-40mm HRA in accordance with CI.911.915.943 of SRW laid and compacted in accordance with C1903, or
  - B-40mm PMGMA in accordance with C1942 of SRW laid and compacted in accordance with CI.903. Mixture designation material SMA 10 surf PMB 65/105-60 des. min. polished stone value PSV 55, min. agg abrasion value AAA12, binder penetration >40/60
- Binder Course: 60mm in accordance with CI. 929.930.937.943 of SRW laid and compacted in accordance with CI.903. AC20 HDM bin 40/60 des.
- Base: 100mm in accordance with CI.903. AC HDM base 60/60 des.
- Sub-Base: 200mm (min) crushed stone sub base to clause 804 and grading to be in accordance with the TII Specification for Road Works, Class 6F2 and laid and compacted to clause 802. All stone to be certified for the end use for additional properties as per the requirements to 22/21.2014 Annex E. Where no capping layer is required the depth shall be increased to 220mm.
- Stone capping to be decided on completion of CBR tests. Capping layer should be to Class 6F 2 to the TII Specification for Road Works compacted in layers to clause 612.
- Capping layer may be omitted, for CBR values between >5%.
- Granular filling material to Class F2 certified for end use to the requirements of SR21 as above. It shall be used to make up levels below the hardcore. Each shall be compacted to approved mechanical equipment in accordance with clause 612 of the TII Specification for Road Works.
- Hardstone and granular fill shall be obtained from an independently tested and approved quarry. The stone shall be certified as being not subject to swelling and in accordance with SR21.2014 Annex E. Samples of Granular Fill to be taken from site and to be tested at a frequency to be agreed but minimum of 1No.sample per 125m<sup>3</sup> for roads/paths.
- CBR tests to be carried out at a maximum of 50 m/c.
- Terram is required generally in low CBR and wet areas.
- Tensar Geogrid required where CBR<2%.

Macadam Car park construction:

- 30mm of close graded surface coat macadam to ISEN 13108-5 (10mm nominal size) on 60mm Dense Binder Course to ISEN 13108-1 (AC 20 dense bin)
- 150mm (min) crushed stone sub base to clause 804 TII Specification for Road Works, laid and compacted to clause 802. Increase to 220mm where no capping layer is required.
- 200mm (min) stone capping layer to be decided on completion of CBR tests



| REV     | DATE     | DESCRIPTION                                  |
|---------|----------|--|
|         |          | ROGER MULLARKEY & ASSOCIATES                 |
|         |          | Consulting Structural and Civil Engineers    |
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|         |          | Tel: +353 1 610 3755 Mob: +353 87 232 4917   |
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|         |          | Project                                      |
|         |          | BOHERBOY                                     |
|         |          | Drawing Title                                |
|         |          | Architect                                    |
|         |          | MCORM / DAVEY-SMITH                          |
|         |          | ROAD DETAILS - Sheet 1                       |
| Date    | Drawn By | Scales                                       |
| June'24 | RM       | As Shown                                     |
|         |          | Dwg. No.                                     |
|         |          | 1324D/423                                    |
|         |          | Stage  |
|         |          | LRD STAGE 3                                  |
|         |          | Rev  |