



**KEY:**

--- SAW CUT EXISTING CARRIAGEWAY LEVELS

**FULL CARRIAGEWAY CONSTRUCTION**

- 30mm SURFACE COURSE - AC6 DENSE SURF 100/150
- 55mm BINDER COURSE - AC20 DENSE BIN 100/150
- 85mm BASE COURSE - AC32 DENSE BIN/BASE 100/150
- TYPE 1 SUB BASE TO SERIES 800 MCHW (THICKNESS CALCULATED USING CBR TEST RESULTS AND TABLE 1)

**SPEED HUMP BLOCK PAVING**

- 100x200x80mm CONCRETE BLOCK PAVIORS COURSE
- 30mm SAND BEDDING COURSE
- GRADE ST5 CONCRETE TO KERB HAUNCHING DEPTH
- SUB BASE TYPE 1 TO DEPTH OF ROAD CONSTRUCTION (OR A MINIMUM OF 150mm)

**CARRIAGEWAY TIE-IN DETAIL**

- 30mm SURFACE COURSE - AC6 DENSE SURF 100/150
- 30mm SURFACE COURSE - AC6 DENSE SURF 100/150
- 55mm BINDER COURSE - AC20 DENSE BIN 100/150
- 85mm BASE COURSE - AC32 DENSE BIN/BASE 100/150
- 30mm SURFACE COURSE - AC6 DENSE SURF 100/150
- 55mm BINDER COURSE - AC20 DENSE BIN 100/150
- 85mm BASE COURSE - AC32 DENSE BIN/BASE 100/150

CBR VALUE	CAPPING	SUB-BASE	SUB-BASE ONLY
2.5-3%	250mm	350mm	450mm
3-4%	240mm	320mm	420mm
4-5%	230mm	280*mm	370mm
5-15%	210mm	280*mm	330mm
5 TO 15%	150mm	280*mm	*205mm

**TABLE 1**

<2.5% GROUND REMEDIATION IS REQUIRED TO IMPROVE GRADE

\*MINIMUM REQUIRED TYPE 1 SUB BASE MATERIAL TO ACHIEVE 450mm OF NON - FROST SUSCEPTIBLE MATERIAL

- NOTES**
- ALL CARRIAGEWAY CONSTRUCTION INFO IS GATHERED FROM: KMBC REF: HD-SD-07-12A, AND KMBC REF: HD/SD/07/17A
  - SUFFICIENT CBR% SURVEYS MUST BE COMPLETED BEFORE ANY WORKS CAN BE STARTED.

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Service connections are not shown but their presence should be anticipated.

Reference to any third party equipment shown on this drawing was only relevant at the time the drawing was prepared.

It is the client's responsibility to ensure that any equipment ordered meets the design.

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