

TABLE – 1

FEEDER/COLLECTOR/MAIN/ ACCESS ROAD/ ACCESS ROAD-SHARED SURFACE TRANSITION ACCESS MAY WITH FOOTWAY		
LAYER	THICKNESS	MATERIAL / SPECIFICATION
WEARING COURSE	25mm	DENSE ASPHALT CONCRETE SURFACE COURSE 6mm NOMINAL SIZE TO CLAUSE 909 (SEE NOTES 1 & 2)
BINDER COURSE	65mm	DENSE ASPHALT CONCRETE BINDER COURSE 10mm NOMINAL SIZE TO CLAUSE 908
BASE COURSE	110mm	COLD RECYCLED BITUMEN BOUND MATERIAL TO CLAUSE 948SR MIN. CHARACTERISTIC STIFFNESS 2500 MPa
SUB BASE	AS TABLE	RECYCLED GRANULAR MATERIAL TO HCC CLAUSES 891AR OR 892AR
CAPPING	AS TABLE	CLASS 6F1, 6F2, 6F4, 6F5, COMPACTED TO CLAUSE 802

NOTE 1: THE COURSE AGGREGATE IN SURFACE COURSE MIXTURES FOR RESIDENTIAL ROADS SERVING UP TO 50 DWELLINGS SHALL HAVE A POLISHED STONE VALUE NOT LESS THAN 55 AND AN AGGREGATE ABRASION VALUE NOT GREATER THAN 14. ALL OTHER PROPERTIES SHALL BE IN ACCORDANCE WITH CLAUSE 901. PROPRIETARY THIN SURFACE COURSE SYSTEMS MAY INCLUDE A HIGH PERFORMANCE BOND COAT.

NOTE 2: ON SHARP BENDS WHERE SKIDING IS LIKELY TO BE A PROBLEM, USE 10mm CLOSE GRADED WEARING COURSE Laid 30mm THICK.

TABLE – 3

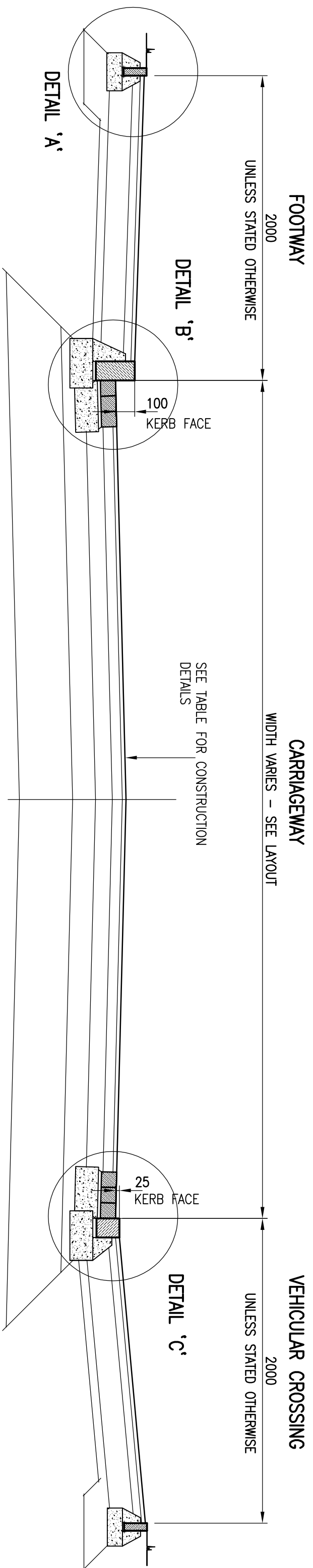
FOOTWAY / VEHICULAR CROSSING		
LAYER	THICKNESS	MATERIAL / SPECIFICATION
WEARING COURSE	25mm	6mm DENSE ASPHALT CONCRETE SURFACE COURSE TO CLAUSE 909
BINDER COURSE	50mm	COLD RECYCLED BOUND MATERIAL 14mm NOMINAL SIZE COMPLYING WITH HCC CLAUSE 948SR
SUB BASE	100mm MIN. (SEE NOTE 2)	RECYCLED GRANULAR MATERIAL TO HCC CLAUSES 891AR OR 892AR

NOTE 2: 100mm TO BE INCREASED OR CAPPING LAYER PROVIDED IF SUBGRADE CBR < 5% ON HEAVY CLAY SOILS, OR WHERE NEW PLANTING IS TO UNDERGIVEN ADJACENT TO THE FOOTWAY, THE SUB-BASE/CAPPING LAYER BENEATH FOOTWAYS SHALL BE AS FOR THE ADJACENT CARRIAGEWAY AND A GEOTEXTILE WILL BE REQUIRED SURROUNDING THE SUB-BASE/CAPPING LAYER TO LIMIT PROBLEMS WITH CRACKS ARISING FROM SHRINKAGE OR SWELLING.

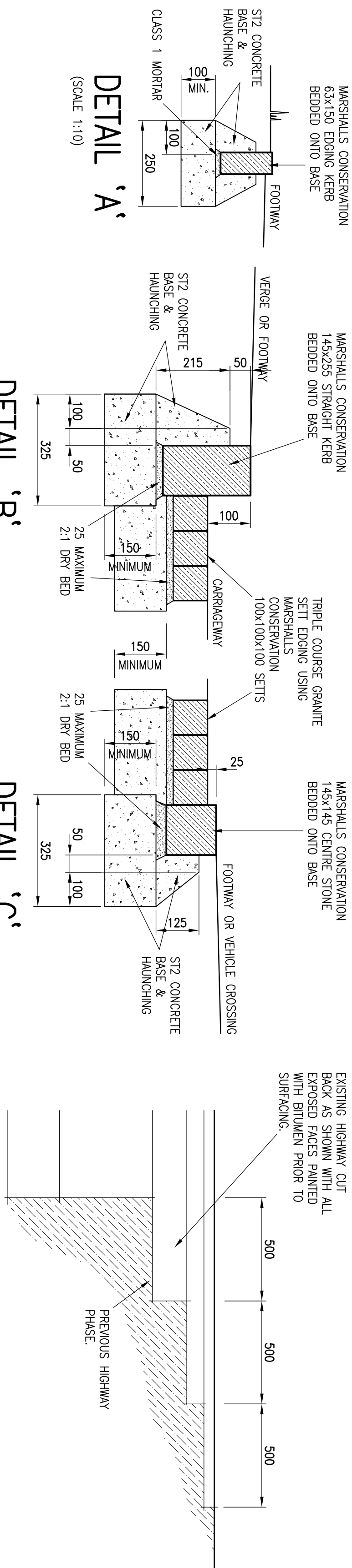
- NOTES –
1. GRANULAR MATERIAL* TYPE 2 MAY ONLY BE USED WITH THE APPROVAL OF THE ENGINEER.
 2. FINAL THICKNESS MAY BE DETERMINED BY SITE CBR VALUES. ALL FORMATION STRATA TO BE PROOF-ROLLED TO THE SATISFACTION OF THE ENGINEER.
 3. SPECIFICATION FOR CONSTITUENT MATERIALS, MIXTURES, TRANSPORT, LAYING & COMPACTION OF ROLLED ASPHALT FOR ROADS & PAVED AREAS ARE TO COMPLY TO BS 594 PART 1 & 2 1985

CBR TABLE – (HAMPSHIRE)			
CBR VALUE	CAPPING	SUB-BASE	TOTAL SUB-BASE
15–30%	---	150mm	150mm
5–15%	---	225mm	225mm
2–5%	350mm	150mm	150mm
LESS THAN 2	600mm	150mm	N/A

** – THERE MAY BE SOME CIRCUMSTANCES WHERE SUB-BASE ONLY CONSTRUCTION WILL NOT BE ACCEPTABLE IN THIS CATEGORY.
HCC ENGINEER TO APPROVE FORMATION LEVEL.

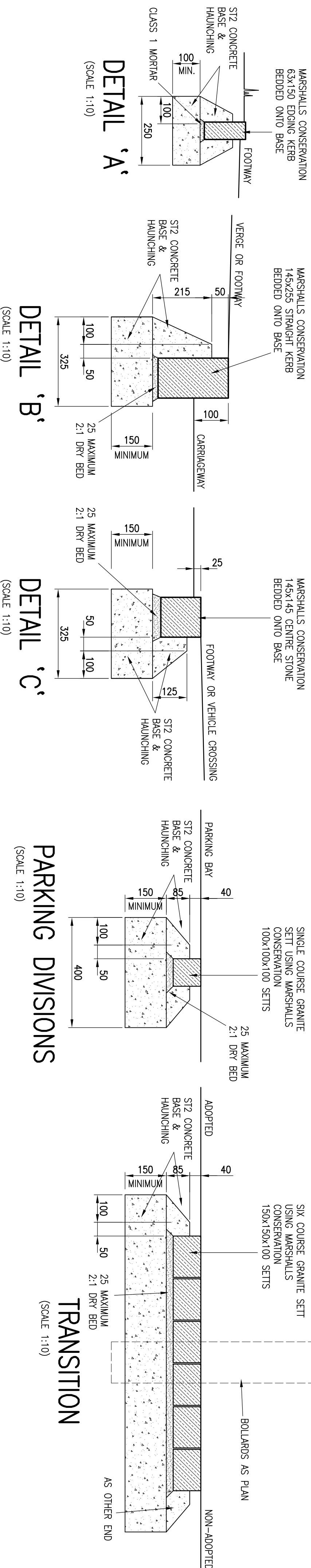


TYPICAL ROAD CROSS SECTION
(CAMBERED CARRIAGEWAY)
(SCALE 1:25)



CONSTRUCTION DETAILS ROADS A & B (ADOPTABLE)
(SCALE 1:10)

TIE-IN DETAIL
(SCALE 1:10)



CONSTRUCTION DETAILS ROAD C (NON-ADOPTABLE)
(SCALE 1:10)

- Notes
1. THIS DRAWING IS COPYRIGHT & MUST NOT BE DISCLOSED TO THIRD PARTIES WITHOUT OUR PERMISSION.
 2. SCALED DIMENSIONS ARE NOT TO BE USED FOR CONSTRUCTION.
 3. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH HCC SPECIFICATION FOR THE CONSTRUCTION AND DESIGN OF NEW STREETS.

C1	11.09.15	MRP	KEEPS REVISED TO MARSHALLS CONSERVATION TYPE BLOCK PAVING DETAILS REMOVED. DRAWING ISSUED FOR CONSTRUCTION.
P2	04.09.15	MRP	UPDATED TO HIGHWAYS COMMENTS
P1	05.06.15	MRP	PRELIMINARY FOR DISCUSSION

PROPOSED REDEVELOPMENT
59–61 WEST STREET
HAVANT PO9 1LA

HIGHWAY CONSTRUCTION
DETAILS

ISSUED FOR CONSTRUCTION

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Drawn	Date	Scale	Size
MRP	JUN 2015	AS SHOWN	A1

Drawing No. 9785–107
Revision C1

0 100
Original A1 scale of drawing (mm)