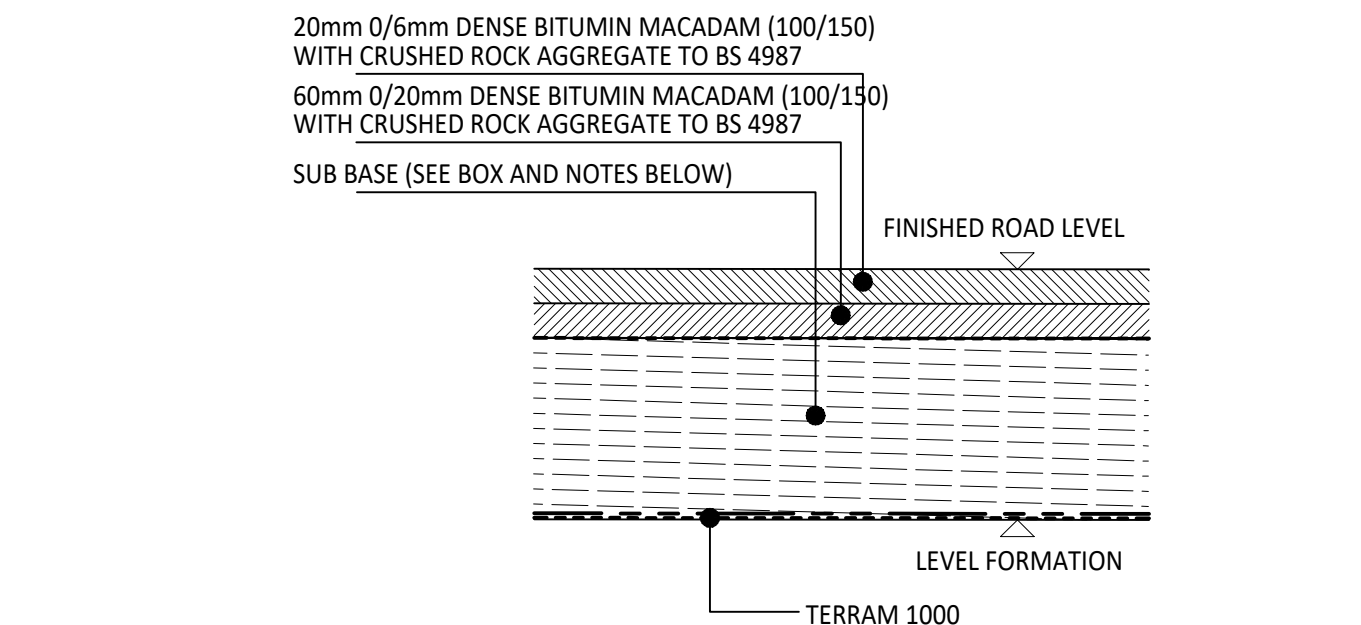


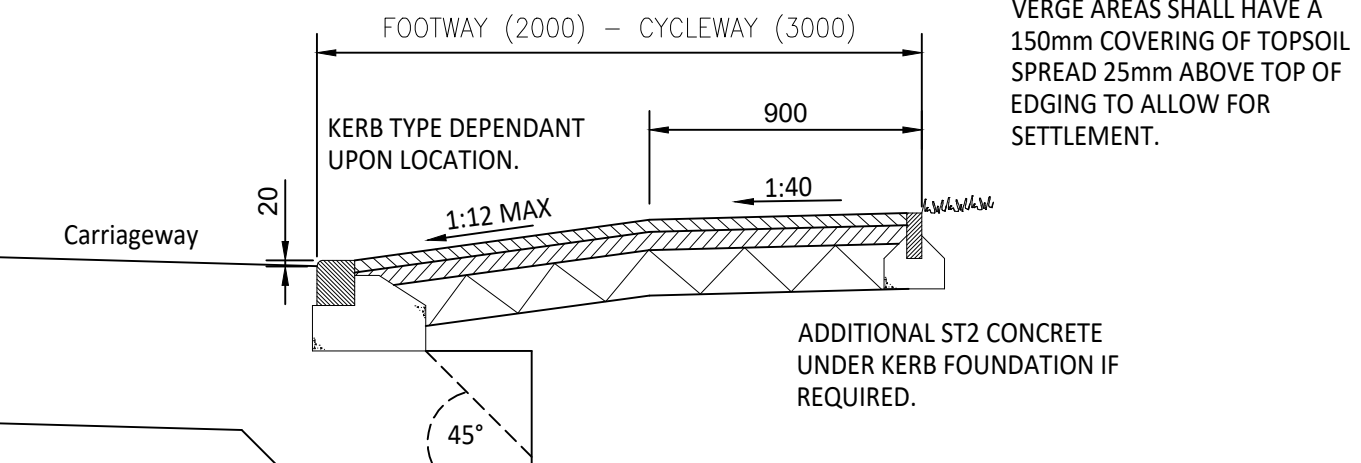


BITUMINOUS MACADAM PRIVATE DRIVE DETAIL

MINIMUM SUBBASE REQUIREMENTS AS PER NHBC 10.2 TABLE 3

CBR OF SUB-GRADE	THICKNESS WITHOUT GEOTEXTILE (mm)	THICKNESS WITH GEOTEXTILE (mm)
<2%	N/A	300mm TYPE 6F1/6F2 (CONSIDER GROUND STABILISATION)
<2-3%	325mm TYPE 6F1/6F2	225mm TYPE 6F1/6F2
<3-5%	250mm TYPE 6F1/6F2	150mm TYPE 6F1/6F2
>5-7%	150mm TYPE 6F1/6F2	NOT REQUIRED
>7-20%	100mm TYPE 6F1/6F2	NOT REQUIRED

ALL SURFACING TO NHBC CHAPTER 10.2 TABLES 2a - 2d



VEHICULAR CROSSING CONSTRUCTION

SEE TABLE FOR CONSTRUCTION DETAILS

SCALE 1:25

CARRIAGEWAY CAPPING REQUIREMENTS

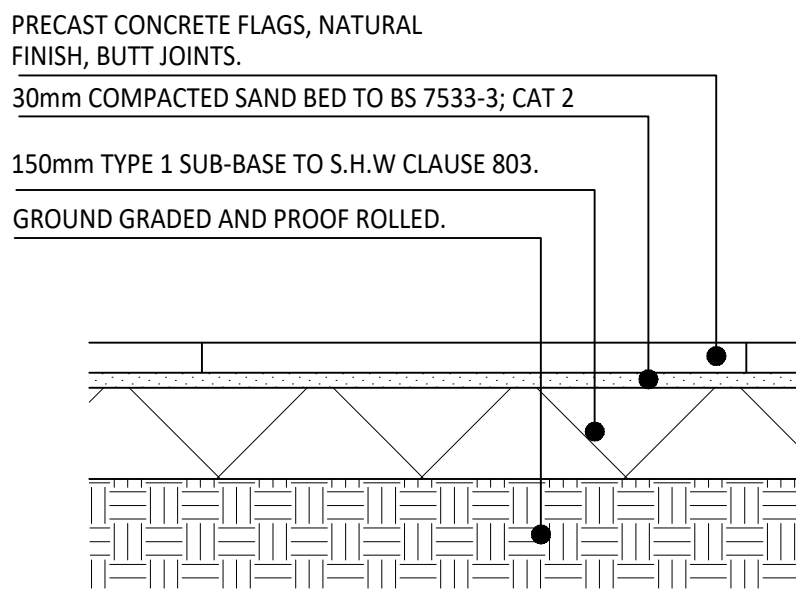
CBR OF SUB-GRADE	CAPPING LAYER THICKNESS	SUB-BASE THICKNESS	TOTAL SUB-BASE THICKNESS
>15% - 30%	-	150mm	150mm
>5% - 15%	-	225mm	225mm
2% - 5%	350mm	150mm	400mm*
>2%	600mm	150mm	N/A

* THERE MAY BE SOME CIRCUMSTANCES WHERE A SUB-BASE ONLY CONSTRUCTION WILL NOT BE ACCEPTABLE IN THIS CATEGORY

ALL THICKNESSES STATED ARE FINISHED COMPACTED THICKNESSES.

FOR FROST SUSCEPTIBLE SOILS MINIMUM CONSTRUCTION DEPTH IS 450MM. ADDITIONAL CAPPING LAYER IS TO BE LAID BELOW THE SUB-BASE TO ACHIEVE THE OVERALL CONSTRUCTION DEPTH OF 450MM.

BASE, SUB-BASE AND CAPPING LAYERS SHOULD BE COMPACTED IN ACCORDANCE WITH DTP "SPECIFICATION FOR HIGHWAY WORKS".



FOOTPATH & PATIO PAVING FLAG CONSTRUCTION

SCALE 1:25

REFERENCE SHOULD BE MADE TO NHBC STANDARDS CHAPTER 10.2

ALL THICKNESSES STATED ARE FINISHED COMPACTED THICKNESSES. PAVED AREAS TO HAVE A MINIMUM 1:100 GRADIENT. FORMATION TO BE PROOF ROLLED IMMEDIATELY PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE FORMATION SHALL THEN BE PROTECTED FROM THE WEATHER DURING THIS PERIOD.

DOMESTIC VEHICULAR CROSSING

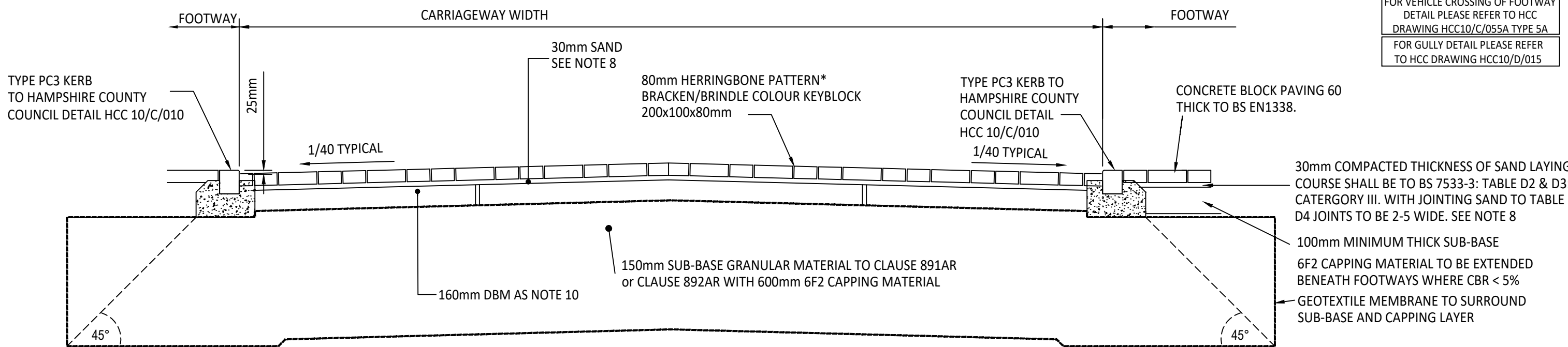
LAYER	SPECIFICATION	THICKNESS (mm)
SURFACE	DENSE GRADE ASPHALT CONCRETE SURFACE COURSE COMPLYING WITH BS EN 13108. AC 6 DENSE SUR, BINDER GRADE 100/150 PEN.	20mm
BINDER	DENSE GRADE ASPHALT CONCRETE BINDER TO CLAUSE 906 COMPLYING WITH BS EN 13108. AC 20 DENSE BIN, BINDER GRADE 40/60 PEN.	55mm
SUB BASE	TYPE 1 SUB-BASE MATERIAL TO CLAUSE 803, TABLE 8/2 OF SHW. MINIMUM CBR OF 20%. THICKNESS DEPENDANT UPON CBR TESTING.	CBR <2% - 225mm CBR >2.5% - 150mm

APARTMENT/SHARED VEHICULAR CROSSING

LAYER	SPECIFICATION	THICKNESS (mm)
SURFACE	DENSE GRADE ASPHALT CONCRETE SURFACE COURSE COMPLYING WITH BS EN 13108. AC 6 DENSE SUR, BINDER GRADE 100/150 PEN.	20mm
BINDER	DENSE GRADE ASPHALT CONCRETE BINDER TO CLAUSE 906 COMPLYING WITH BS EN 13108. AC 20 DENSE BIN, BINDER GRADE 40/60 PEN.	70mm
SUB BASE	TYPE 1 SUB-BASE MATERIAL TO CLAUSE 803, TABLE 8/2 OF SHW. MINIMUM CBR OF 20%. THICKNESS DEPENDANT UPON CBR TESTING.	CBR <=2% - 365mm CBR <=3% - 270mm CBR <=4% - 210mm CBR <=5% - 165mm CBR >5% - 150mm

ALL FORMATIONS TO BE PROOF ROLLED IMMEDIATELY PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE FORMATION SHALL THEN BE PROTECTED FROM THE WEATHER DURING THIS PERIOD.

FOR VEHICLE CROSSING OF FOOTWAY
DETAIL PLEASE REFER TO HCC
DRAWING HCC10/C/055A TYPE 5A
FOR GULLY DETAIL PLEASE REFER
TO HCC DRAWING HCC10/D/015



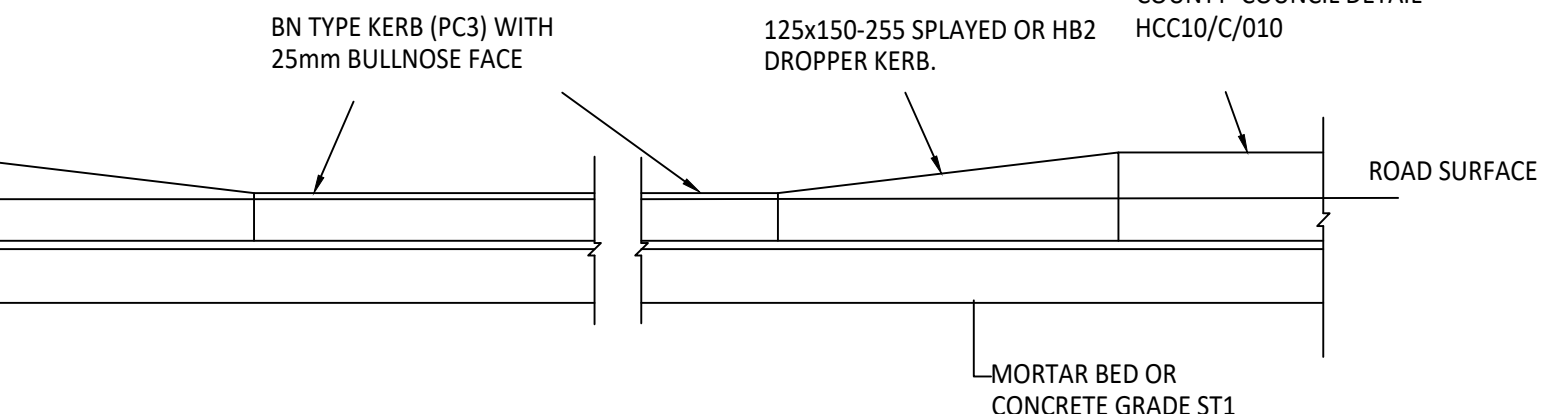
TYPICAL SECTION THROUGH BLOCK PAVED CONSTRUCTION

SCALE 1:25

TABLE 1

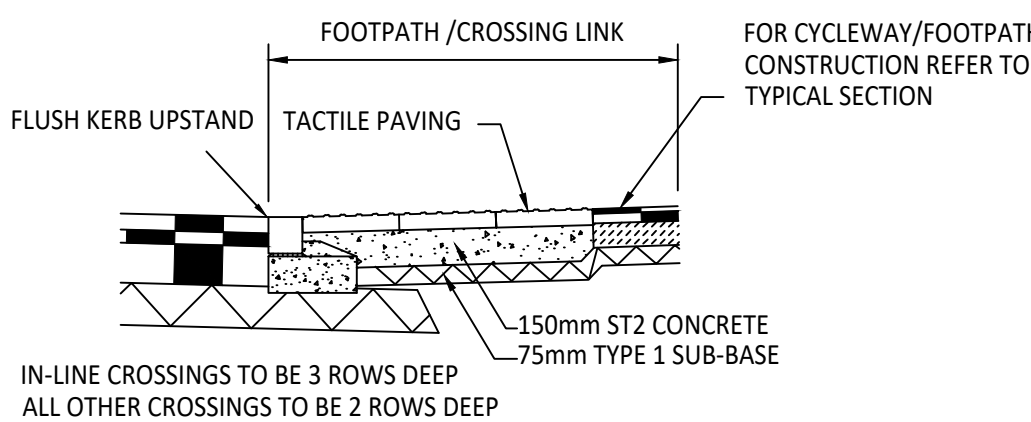
ROAD TYPE	SERVING	SURFACE COURSE	BINDER COURSE	BASE COURSE	SUB-BASE	CAPPING
4	>25	80mm KEYBLOCK BY MARSHALLS 200 X 100 CBP IN BRINDLE OR BRACKEN AND SHALL GENERALLY BE LAID IN 45° HERRINGBONE CONFIGURATION	30mm BEDDING LAYER TO BE NON-DEGRADABLE NATURAL SAND COMPLYING WITH CATEGORY II OF BS 7533 : PART 3 OR CRUSHED GLASS SAND COMPLYING WITH CATEGORY III OF BS 7533 : PART 3	160mm AC20 DBM50	150mm RECYCLED GRANULAR MATERIAL IN ACCORDANCE WITH HCC CLAUSES 891AR OR 892AR	600mm 6F2 SELECTED GRANULAR MATERIAL ²
5	<25	80mm KEYBLOCK BY MARSHALLS 200 X 100 CBP IN BRINDLE OR BRACKEN AND SHALL GENERALLY BE LAID IN 45° HERRINGBONE CONFIGURATION	30mm BEDDING LAYER TO BE NON-DEGRADABLE NATURAL SAND COMPLYING WITH CATEGORY II OF BS 7533 : PART 3 OR CRUSHED GLASS SAND COMPLYING WITH CATEGORY III OF BS 7533 : PART 3	120mm AC20 DBM50	150mm RECYCLED GRANULAR MATERIAL IN ACCORDANCE WITH HCC CLAUSES 891AR OR 892AR	600mm 6F2 SELECTED GRANULAR MATERIAL ²

² THE ABOVE DESIGN APPLIES WHERE THE FORMATION CBR <2% INSITU. EQUILIBRIUM CBR TESTS TO BE CARRIED OUT BY THE CONTRACTOR PRIOR TO INSTALLATION AND RESULTS REPORTED TO THE HIGHWAY AUTHORITY/ENGINEER.



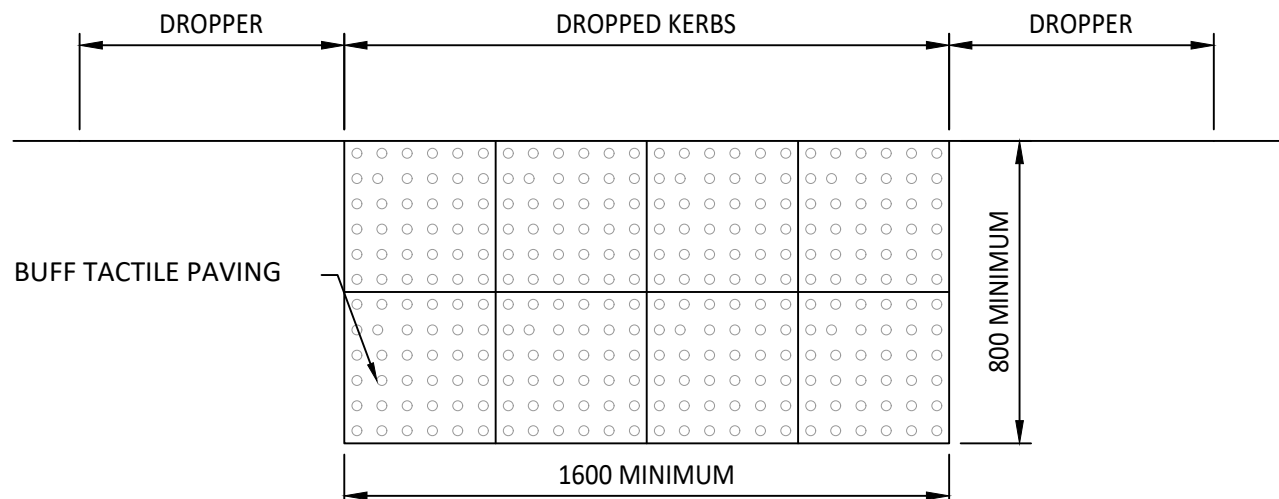
VEHICULAR CROSSING DROP KERB ARRANGEMENT

SCALE N. T. S.



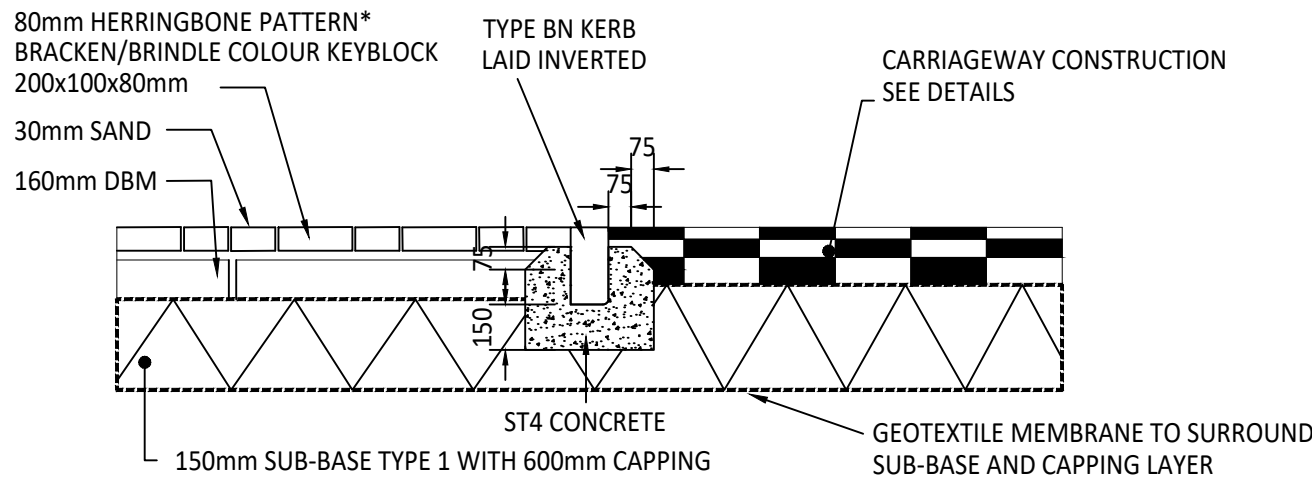
TYPICAL SECTION THROUGH TACTILE PAVING

SCALE 1:25

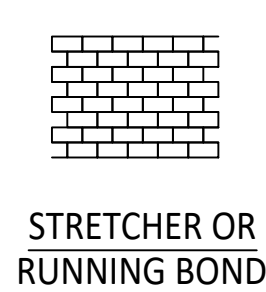


TACTILE PAVING DETAIL

SCALE 1:25

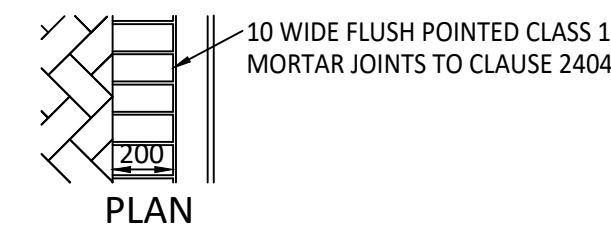


LONGITUDINAL THROUGH FLUSH RAMPS (APPLIES BETWEEN SAME AND DIFFERENT MATERIALS)



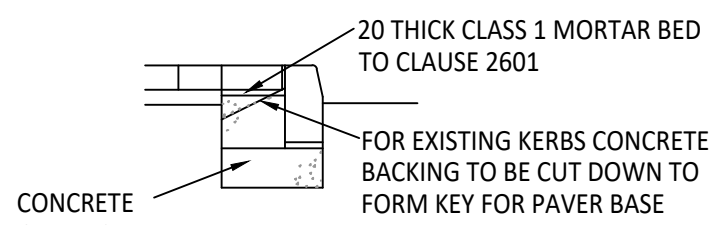
HERRINGBONE BOND

THE RECOMMENDED PATTERN FOR VEHICULAR TRAFFIC.

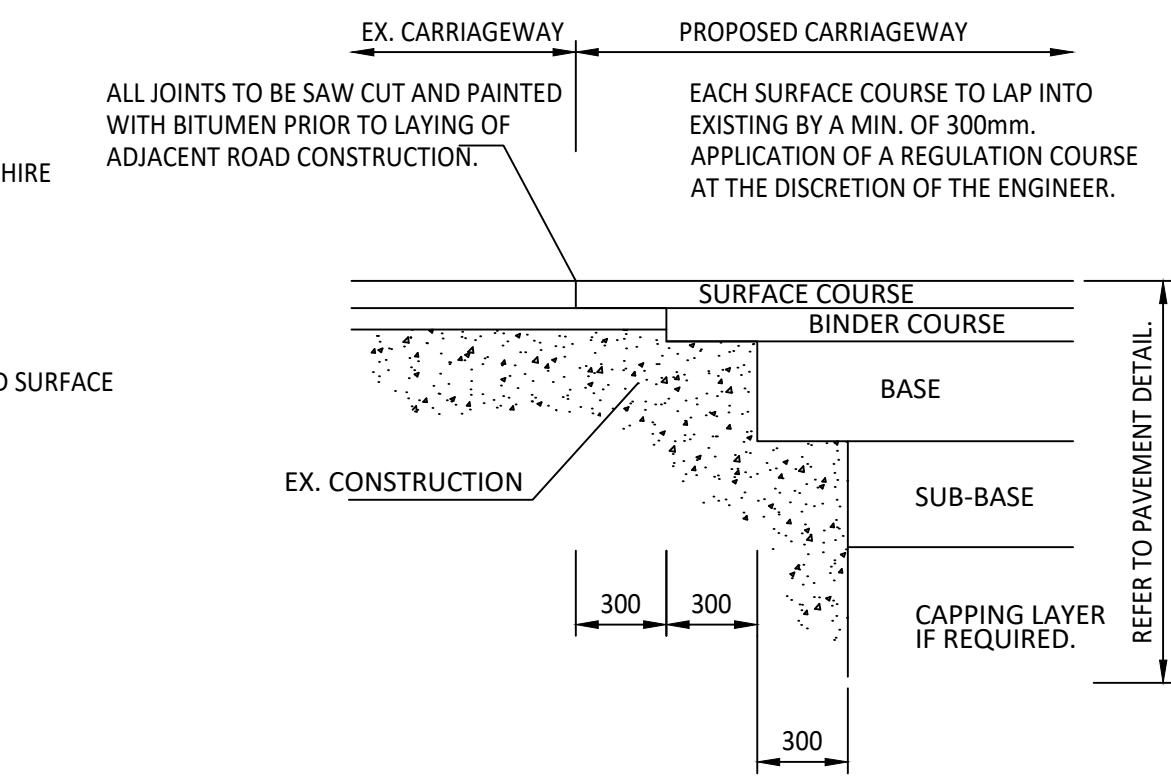


CROSS SECTION

EDGE TRIM AT BUILDING FACADE - TYPE ET1

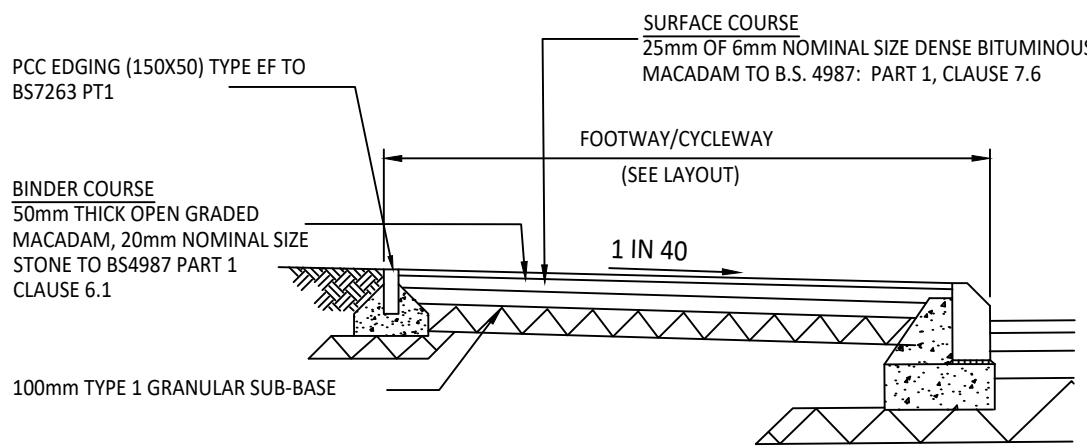


EDGE TRIM AT KERB - TYPE ET2



TYPICAL TIE-IN DETAIL

SCALE N. T. S.



TYPICAL SECTION THROUGH FOOTWAY (TYPE 1A) REFER TO HAMPSHIRE COUNTY COUNCIL DETAIL HCC10/C/045A

SCALE 1:25

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- GENERAL NOTES:
- Do not scale.
 - This drawing is to be read in conjunction with and checked against all other drawings, Engineering details, Specification and any structural, Geotechnical or other specialist document provided.
 - Any anomaly or contradiction between any of the above is to be reported to the Engineer.
 - All works to be in accordance with Hampshire County Council Specification, HCC Standard Construction Details and the The Specification for Highway Works.
 - Equilibrium CBR testing to be undertaken by Contractor in order to confirm specific construction depths.
 - Where the trimming of blocks is necessary, portions of less than one third of an entire block shall not be laid. Instead the pattern should be altered to enable larger pieces of block to be used. Blocks to be machine cut. Alternatively Marshall 100x100 blocks to be used where they are of an appropriate size.
 - Blocks bedded on epoxy mortar should have the top 30mm of their vertical joints raked out and re-pointed with class 1 mortar to clause 2404.
 - Sand grading to be 1% maximum passing 75mm and 60% maximum passing 600µm or to BS6877 Part 3
 - Over-runable footway areas should be construction to carriageway specification.

Rev	Date	Description	RW	SM
P1	04.19	First Issue		

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LINDEN HOMES

Project
BOORLEY GREEN PARCEL B3

CONSTRUCTION DETAILS

FOR CONSTRUCTION

Scale NTS @ A1	Date APR 2019	Drawn RW	Checked SM
Drawing No A170-LIN-B5-751			Revision P1