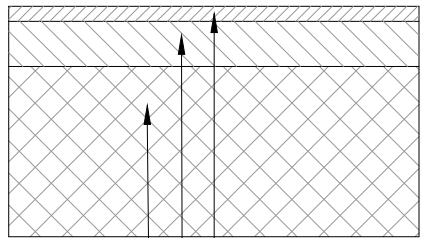


PAVING SLABS TO BEDDED AS BELOW

Or concrete path and patios should not have a 75mm thick and have a tamped or textured finish, the concrete mix should be suitable to give a durable and frost resistant surface, as described in chapter 3.1 'concrete and its reinforcement', movement joints, not less than 10mm wide, should be provided across the full width of the path at not more than 4m centres, a movement joint is not required at the abutment with a wall unless the opposite edge of the concrete is also restrained

25mm of 1:4 CEMENT/SAND MORTAR OR A SUITABLE ALTERNATIVE

100mm CLEAN, NON-FROST SUSCEPTIBLE WELL CONSOLIDATED CRUSHED ROCK, HARDCORE (MAXIMUM SIZE 50mm), SLAG OR CONCRETE, THE SURFACE OF WHICH IS BLINDED WITH 25mm OF SAND.



20mm SURFACE COURSE (AC 6 dense surf 100/150).
60mm BINDER COURSE (AC 20mm dense bin 100/150 des).

225mm MIN OF GRANULAR MATERIAL TYPE 1 SUB-BASE. REFER TO TABLE 4 FOR DEPTH INCREASE DUE TO CBR RESULTS.

PRIVATE FOOTWAY CONSTRUCTION,
NHBC Part 10 (Bituminous Macadam) TABLE 3a
SCALE 1:10

TABLE 4 MINIMUM SUB-BASE THICKNESS FOR PAVED AREAS:

CALIFORNIA BEARING RATIO (CBR) VALUES	MINIMUM THICKNESS (mm) OF SUB-BASE ⁽¹⁾ (Consolidated in accordance with HCHW Volume 1 clause 801, table 8/4)
LESS THAN 2%	Subgrade requires improvement ⁽²⁾
2% - 3%	325
3% - 5%	250
5% - 7%	150
7% - 20%	100

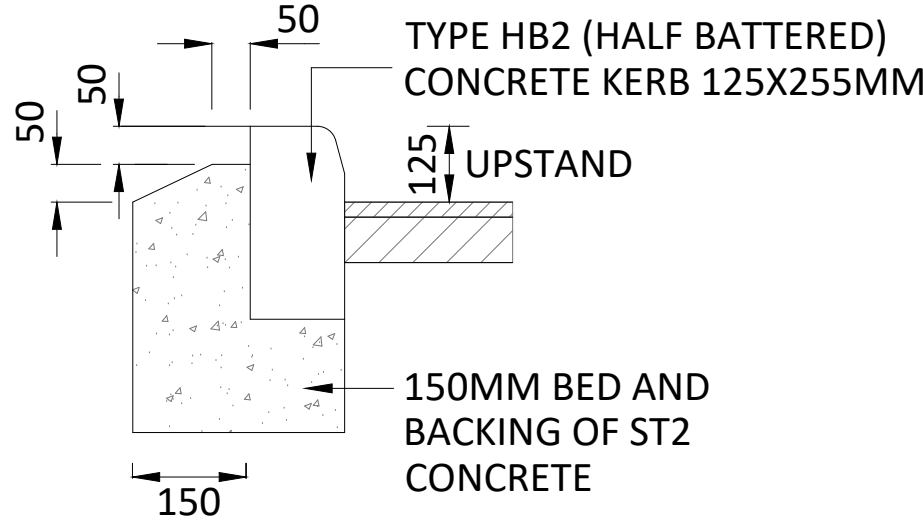
⁽¹⁾ Minimum thickness of sub-base may be considered for reduction when using proprietary geogrid, provided they can be adequately justified and designed by an engineer in accordance with Technical requirement R5.

⁽²⁾ Specialist advice should be sought to improve the subgrade.

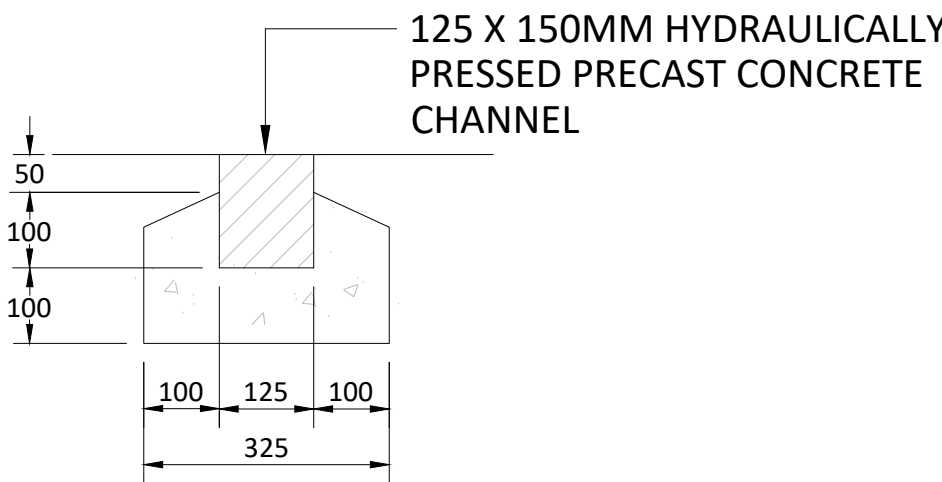
Frost susceptibility of the sub-grade; where susceptible to frost, a suitable capping layer should be included below the sub-base to a suitable depth to ensure that the construction will not be affected by frost heave.

Granular sub-bases should be tested and certified as being non-frost susceptible and non-plastic.

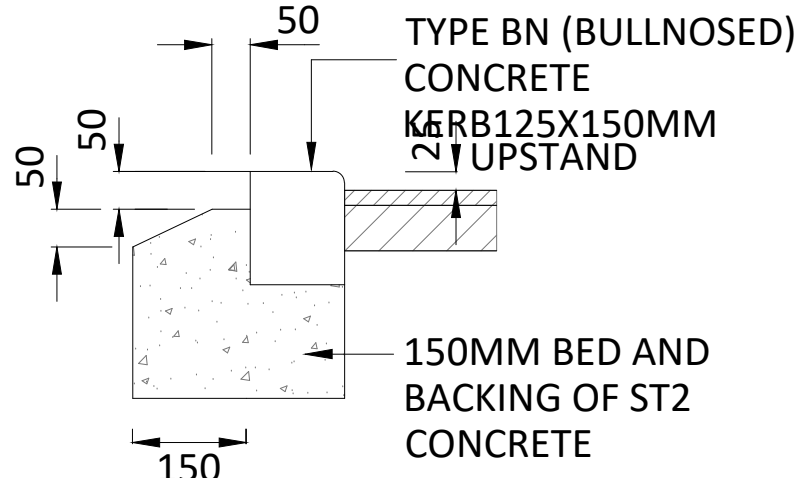
For full private drive specifications refer to the latest NHBC Part 10 document section 10.2.6



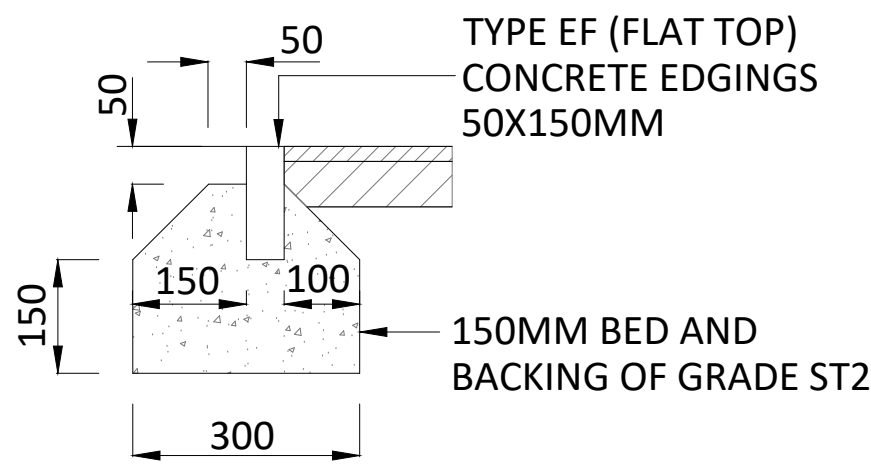
KERB DETAIL 1
HALF BATTERED KERB (HB2)



KERB DETAIL
CHANNEL (CS2)



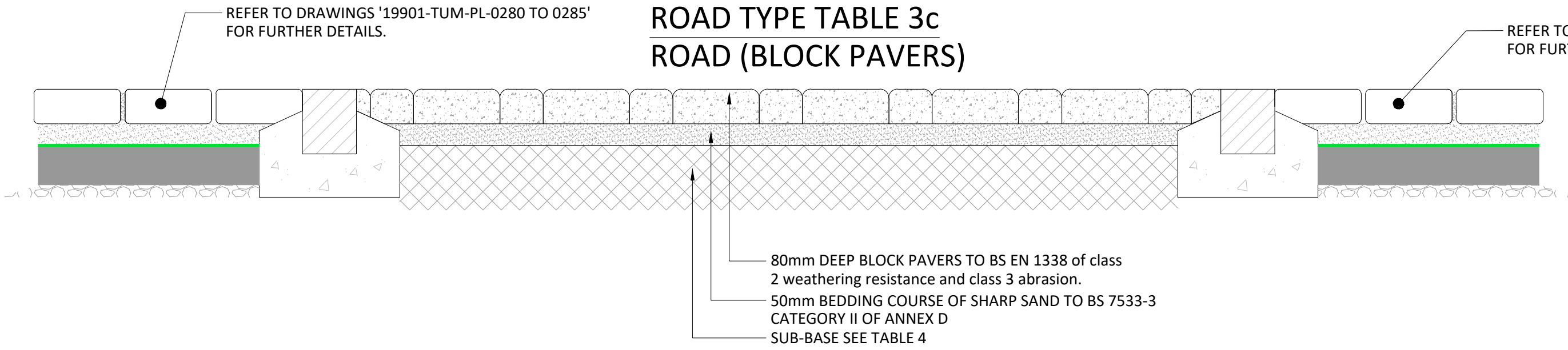
KERB DETAIL 3
BULLNOSED KERB (BN)



KERB DETAIL 4
EDGING (EF)

NOTES:

- Do not scale from this drawing. All Dimensions in mm's.
- Kerbs to be butt jointed. Where kerb alignments incur 'minor open joint tapers' between formed surfaces mortar jointing shall be used as directed by engineer.
- All full length Precast kerbs are to be mechanically handled.
- All precast concrete Kerbs & Edgings shall be to BS EN 1340 & laid to BS 7533-6.
- All setts of natural stone shall be to BS EN 1342 & laid to BS 7533-7.
- All Kerbs & Edgings bed & backing to be Concrete Class ST1 (C6/8), well compacted. Unless otherwise stated this shall be a minimum bed thickness of 150mm.
- The minimum length of any cut kerb shall be 450mm (Half kerb).
- The correct radius kerbs shall be used for all radii of 12m or less. For radii between 12m and 20m 600mm long straight units shall be used. Radius kerbs shall be used to form corners of laybys and tapers
- Suitable transition kerbs shall be used for all drop kerb and upstand variation locations.
- Suitable quadrant kerbs shall be used to form corners of square areas and refuge islands.
- Kerb up-stand to be denoted on relevant engineering drawing.
- Drop kerb upstand shall be 0-6mm for pedestrian crossings, 25mm for vehicular crossings.
- Mortar shall comply with S.H.W Clause 24014 designation (i).
- Bond coat to Clause 920 shall be applied to c/way surface in accordance with BS434: Pt 2 prior to laying extruded asphalt kerb. The work shown on this drawing could affect statutory undertakers apparatus and the contractor is required to verify the location and depth prior to the commencement of work and take all precautions necessary when working in the vicinity of such apparatus. Utility Information is produced from a digital source and no guarantee can be given regarding its accuracy. It is the recipients responsibility to check the accuracy of measurements given. Should discrepancy occur please contact the issuing authority to seek clarification.
- The use of this drawing does not absolve the client of their responsibilities under Health & Safety: The Construction (Design & Management) Regulations 2015.



ROAD TYPE TABLE 3c
ROAD (BLOCK PAVERS)

80mm DEEP BLOCK PAVERS TO BS EN 1338 of class 2 weathering resistance and class 3 abrasion.
50mm BEDDING COURSE OF SHARP SAND TO BS 7533-3 CATEGORY II OF ANNEX D
SUB-BASE SEE TABLE 4

SERVICE STRIP CONSTRUCTION, NHBC Part 10
(Having infrequent use by commercial vehicles)
SCALE 1:10

C	SCALE BAR ADDED	15/07/26	TS	RP
B	SERVICE STRIP DETAIL ADDED	23/04/26	TS	AB
A	FIRST ISSUE	21/04/26	TS	AB
REV.	DESCRIPTION	Date	BY	CHK
DESIGN BY:				
CLIENT:				
DRAWING STATUS: PLANNING APPLICATION				
SCALE @ A1:				
PROJECT: LAND AT LOTTAGE FARM, ALDBOURNE				
TITLE: CONSTRUCTION DETAILS				
Project Ref: 19901-TUM-PL-XXX-1080				REV: C