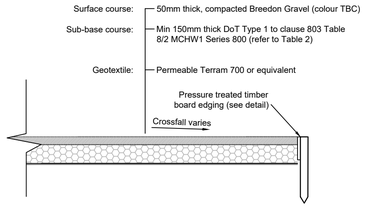
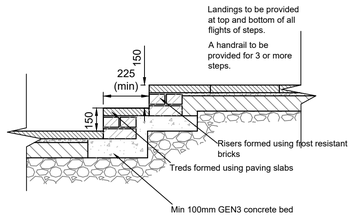
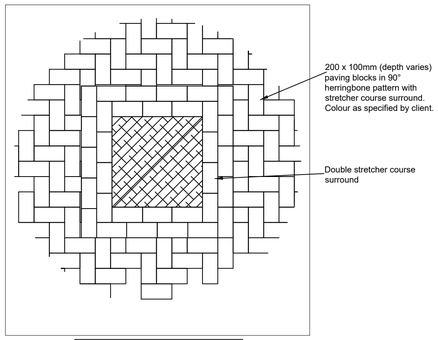


FOOTPATH/TRACK CONSTRUCTION DETAIL B1
(BOUND GRAVEL)
(Scale 1:20)

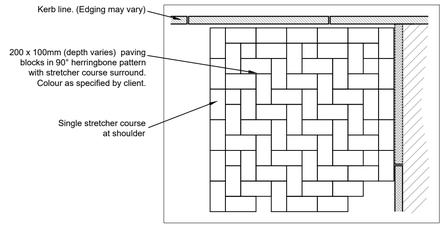


TYPICAL STEPS CONSTRUCTION
(Scale 1:20)



Blocks laid in accordance with BS 6717.

BLOCK PAVING AROUND MANHOLES PLAN
(Scale 1:20)



Blocks laid in accordance with BS 6717.

BLOCK PAVING ARRANGEMENT PLAN
(Scale 1:20)

RESIDUAL HAZARDS

In addition to the hazards/risks normally associated with the type of work detailed on this drawing, note the following:

1. Buried services. Contractor to refer to record drawings and use CAT to locate existing services and undertake necessary precautions and investigation prior to excavating.
2. Working in live traffic. Contractor to ensure traffic management is designed, erected and maintained to protect the workforce and the public. Contractor to undertake necessary precautions and ensure suitable traffic management is in place prior to commencement.
3. Working in live sewers. Contractor to ensure operatives are familiar and competent with the dangers of working in live sewers.
4. Excavations close to existing structures. Contractor to prepare method statement to ensure stability of existing structure.

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved risk assessment and method statement

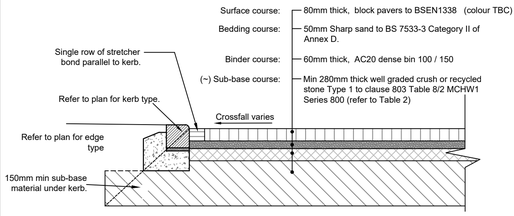
NHBC - TABLE 2

CBR VALUE	Minimum thickness (mm) of sub-base (Consolidated in accordance with MCHW Volume 1 clause 801, table 8/1)	
	Without Geotextile	With Geotextile
Less than 2%	N/A	300mm
2% - 3%	325mm	225mm
3% - 5%	250mm	150mm
5% - 7%	150mm	
7% - 20%	100mm	

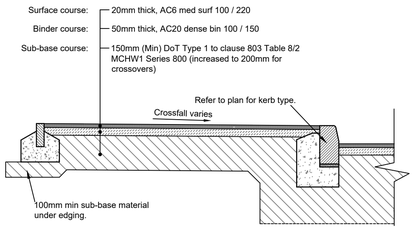
NOTES

A1

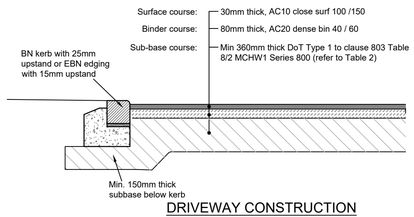
1. This drawing is to be read in conjunction with all other Bright Plan Civils drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
2. Bright Plan Civils accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
3. Do not scale, work to figured dimensions only. All dimensions are in millimeters unless noted otherwise and all levels are in metres from the topographic survey datum.
4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain. The main contractor is responsible for checking all information on site prior to work commencing and taking due care whilst undertaking the works.
5. All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
6. The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. Figured dimensions must be used for setting out and detailing. Bright Plan Civils logos and company information must be removed from copies if information is re-used.
7. The main contractor is responsible for the design of all temporary works, and is also responsible for the safe maintenance and stability of existing buildings at all times.
8. The main contractor is responsible for dealing with all occurrences of ground water during the construction period.
9. The contractor must comply with all current legislation relating to health & safety.
10. All products specified shall be installed in strict accordance with the manufacturers recommendations and instructions. If there are discrepancies between that information and the details on any Bright Plan Civils drawings, the manufacturers instructions must be used.
11. All earthwork shall be in accordance with the Specification for Highway Works.
12. All sub base and capping materials to be in accordance with the Specification for Highway Works
13. All soft spots and voids shall be removed before construction and replaced with suitable fill material.
14. Road formation to be in accordance with clause 616 and compacted in accordance with table the requirements of 6/4 of the Specification for Highway Works - Series 600 Earthworks.
15. Approved residual weedkiller, which does not contain atrazine or simazine, must be applied to all formations.
16. All bituminous carriageway materials shall be supplied and laid in accordance with BSEN 13108-1.
17. Concrete block pavers to be in accordance with BSEN1338.
18. Precast concrete kerbs to be in accordance with BSEN1340
19. Minimum depth of 450mm construction is required for frost susceptible material.
20. Where levels are to be made up to sub formation this may be done with 6F1/6F2 capping.
21. Patios are to be laid to fall away from buildings at between 1:40 and 1:60.
22. Path are to be laid to fall away from buildings at between 1:40 and 1:60 and shall have a crossfall of 1:40.
23. All approaches to principle accesses are to be in accordance with Building Regulations Part M including landings at the top and bottom of ramps/steps.
24. All retaining walls with a retained height of greater than 0.6m shall have a handrail in accordance with Building Regulations Part K.
25. Handrails shall be provided where steps comprise more than 2 risers.
26. Any works within the public highway shall be carried out under a licence from the highway authority obtained by the contractor.
27. Compaction of areas due to construction traffic/methods, that are to be soft landscaping or gardens can lead to poor drainage. These areas are to be thoroughly rotavated before final dressing.
28. Earth banks shall be no steeper than 1 in 3.



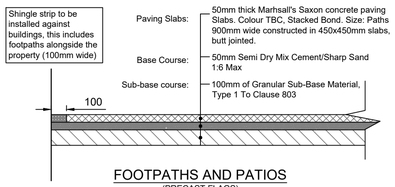
DRIVEWAY CONSTRUCTION DETAIL B2-A
(PAVERS)
(FOR CARS AND LIGHT VANS)
(Scale 1:20)



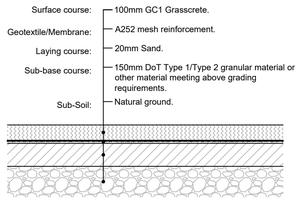
FOOTPATH CONSTRUCTION DETAIL B3
(BITUMINOUS MACADAM)
(Scale 1:20)



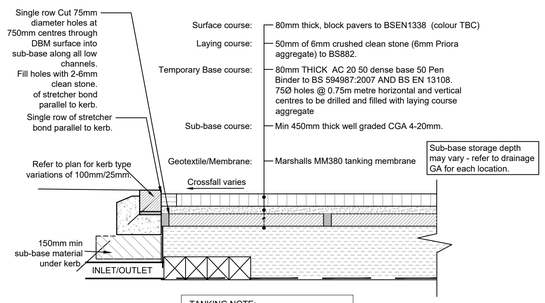
DRIVEWAY CONSTRUCTION DETAIL B2-B
(BITUMEN MACADAM)
(FOR CARS AND LIGHT VANS)
(Scale 1:20)



FOOTPATHS AND PATIOS
(PRECAST FLAGS)
(FOR PEDESTRIANS ONLY)
DETAIL B4
(Scale 1:20)



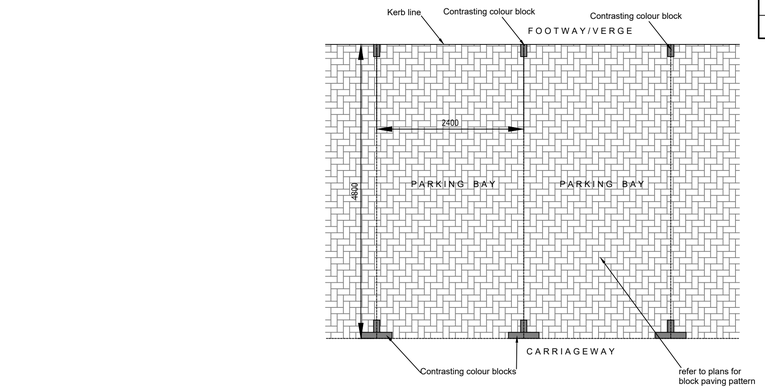
GRASSCRETE DETAIL B5
(Scale 1:20)



TANKING NOTE:
Where an attenuated system is to be used the geotextile/membrane shall be substituted with a Marshalls MM380 tanking membrane.

NOTE:
Porous paving system to be installed in strict accordance with the manufacturers recommendation and instructions.

PERMEABLE ROAD BLOCK PAVING CONSTRUCTION DETAIL PP
(PERMEABLE PAVERS-TANKED)
(Scale 1:20)



GEOTECHNICAL SUMMARY

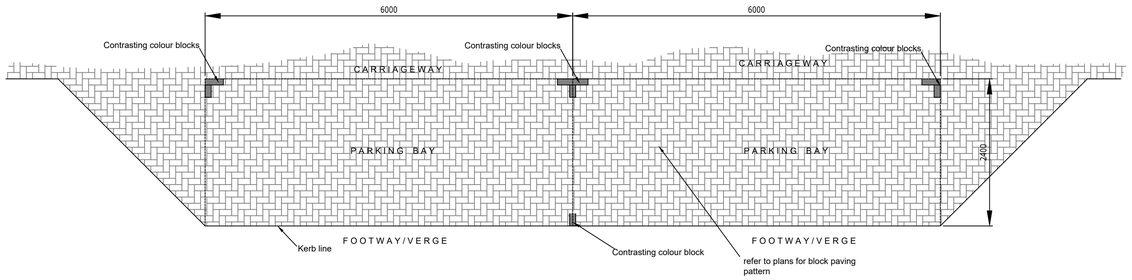
Refer to Ground & Water report GWPR5982/GIR dated September 2024.

Site investigation report recommends a CBR of 2% and confirms that soil is frost susceptible.

Road/shared driveway construction to contain non-frost susceptible materials to a minimum depth of 450mm. This can be achieved by increasing the thickness of the sub base or installing a capping layer of 6F1/6F2 material.

All prepared subgrades should be proof rolled with a heavy dead weight roller and any 'soft' or 'loose' spots identified by the passing of the roller should be removed and replaced with locally thickened sub base material.

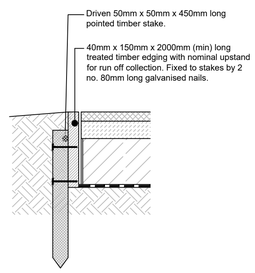
Where insitu CBR test values are less than 2%, a ground improvement layer shall be installed comprising a further Min 500mm capping material. Depths will vary dependant on final elevated surface. All testing and depths are subject to agreement with WSCC Highway Inspector.



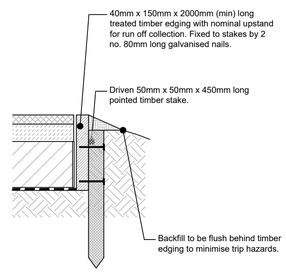
PARKING BAY DEMARCATION IN BLOCK PAVED AREAS
(1:50)

TIMBER EDGING DETAIL 5

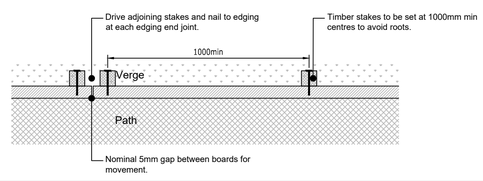
TIMBER EDGING (FLUSH)



TIMBER EDGING (BACKFILL BEHIND EDGING)

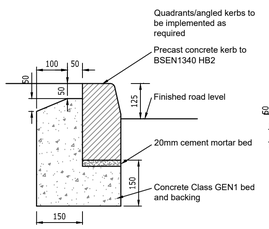


TIMBER EDGING JOINT

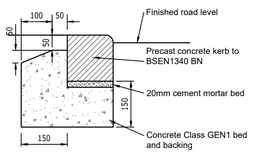


***ALL FULL PCC KERBS ARE TO BE MECHANICALLY HANDLED.**

RADIUSED KERBS TO BE USED LESS THAN 12M RADIUS
ANGLES AND QUADRANTS TO ALL CORNERS

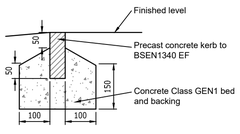


HB2 KERB DETAIL 1
(1:10)

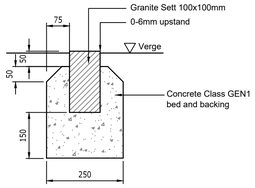


BN KERB DETAIL 2 & 3
(1:10)

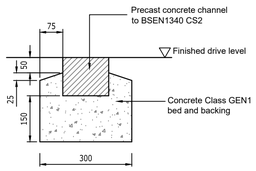
0-6mm @ Pedestrian Crossing
20-25mm @ Vehicular Crossing/driveways



EF EDGING DETAIL 4
(1:10)



HIT & MISS KERB DETAIL 6
(1:10)



CS2 CHANNEL DETAIL DETAIL 7
(1:10)

Rev.	Date	Amendments
C01	07.07.26	Construction Issue
A	26.11.25	Detail references reviewed with surface finishes
-	09.08.24	Original Issue

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Drawing Status: CONSTRUCTION
-

Client: Foreman Homes

Project: Summer Lane (SOUTH) Pagham, West Sussex

Drawing Title: Private Pavement Details Sheet 1

Scale at A1	Date	Drawn By	Checked By	Project No.
AS SHOWN	Aug 24	JHL	MJA	D2240

Drawing No. 000-BPC-WD-ZZ-D-C-6110 | Rev. C01