SUB-BASE TABLE 1

CBR VALUE	Minimum thickness (mm) of capping layer (Consolidated in accordance with MCHW Volume 1 clause 801, table 8/1)		Minimum Sub-base thickness	Notes
	Without Geotextile	With Geotextile		
Less than 1%	N/A	600mm	150mm	Geogrid required
Less than 2%	N/A	600mm	150mm	
> 2% - 2.5%	450mm	N/A	150mm	
> 2.5% - 5%	350mm	N/A	150mm	Alt. 350mm Subbase Only
> 5% - 15%	N/A	N/A	225mm	
Greater than 15%	N/A	N/A	150mm	

CONTRACTOR TO ASSUME MAXIMUM CAPPING LAYER THICKNESS PRIOR TO CONFIRMATION OF CBR TESTING.

NOTE: 450MM MINIMUM OVERALL CONSTRUCTION MUST BE MET IN COMPLIANCE WITH FROST SUSCEPTIBILITY, IRRESPECTIVE OF SUBGRADING CBR VALUE.

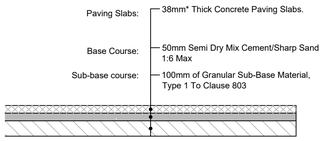
All areas regarded as 'soft spots' are to be excavated and replaced with suitable material within the extents of new Public Highway/Private access roads. The contractor must assess areas of former foundations and trees to ensure and 'soft spots' are dealt with satisfactorily.

BOND AND TACK COAT SHOULD BE PROVIDED FOR BITUMINOUS MIXTURES IN ACCORDANCE WITH BS 4987-2 OR BS 594-2.

PAVING SLABS TO BE SET 5mm ABOVE ADJACENT DRAINAGE CHANNELS/GULLIES.

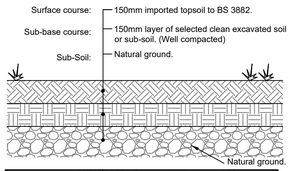
SUB BASE TABLE 2

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	



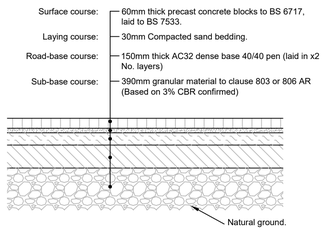
FOOTPATHS TO FRONT DOORS ONLY
(PAVERS)
(Scale 1:20)

*Any path to front doors which are adjacent to a drive should utilise 50mm thick slabs as opposed to 38mm thick slabs, to mitigate possible vehicle over-run.

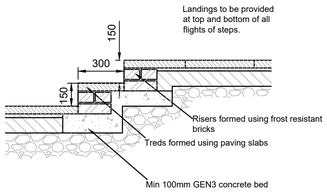


MIX: 35% Chewings fescue, 35% Slender red fescue, 20% Smooth stalked meadow grass, 10% Brown top bent.

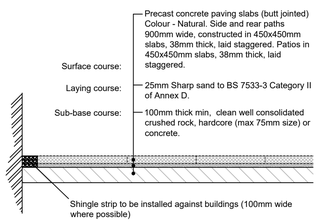
PRIVATE SERVICE MARGIN/VERGE
(Scale 1:20)



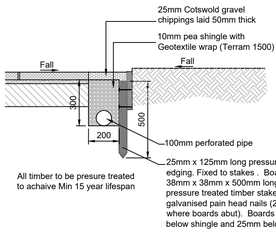
BLOCK PAVING STRIP (PRIVATE)
(Scale 1:20)



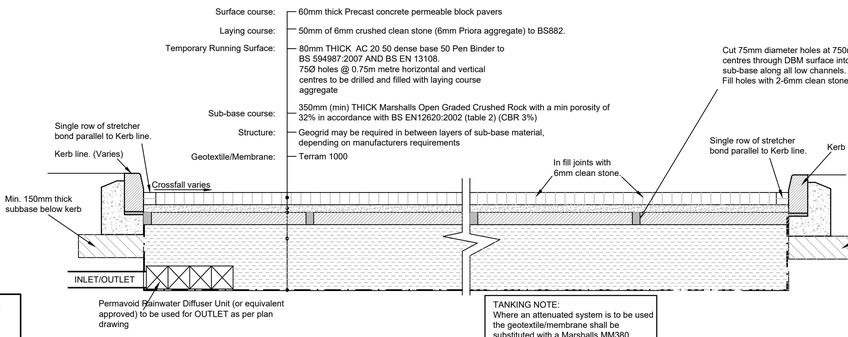
TYPICAL STEPS CONSTRUCTION
(Scale 1:20)



PRIVATE HOUSE PATHS, PATIOS CONSTRUCTION
(FOR PEDESTRIAN LOADING ONLY)
(Scale 1:20)



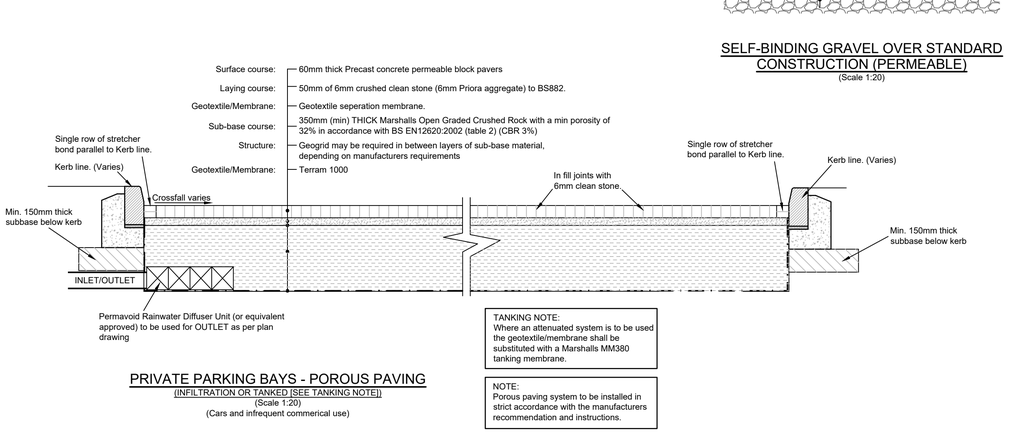
PATIO/GARDEN DRAIN
(1:20)
(CLIENT TO CONFIRM IF REQUIRED)



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.

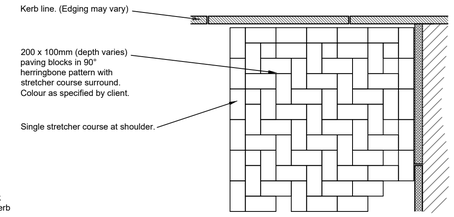
SHARED ACCESS ROAD - POROUS PAVING
(INFILTRATION OR TANKED [SEE TANKING NOTE])
(Scale 1:20)
(Cars and infrequent commerical use)



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

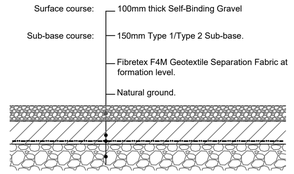
NOTE:
Porous paving system to be installed in strict accordance with the manufacturers recommendation and instructions.

PRIVATE PARKING BAYS - POROUS PAVING
(INFILTRATION OR TANKED [SEE TANKING NOTE])
(Scale 1:20)
(Cars and infrequent commerical use)

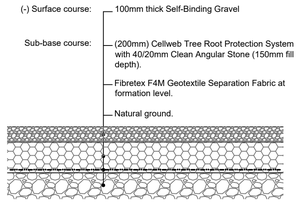


Blocks laid in accordance with BS 6717.

BLOCK PAVING ARRANGEMENT PLAN
(Scale 1:20)



SELF-BINDING GRAVEL OVER STANDARD CONSTRUCTION (PERMEABLE)
(Scale 1:20)



SELF-BINDING GRAVEL OVER CELLWEB CONSTRUCTION (PERMEABLE)
(Scale 1:20)

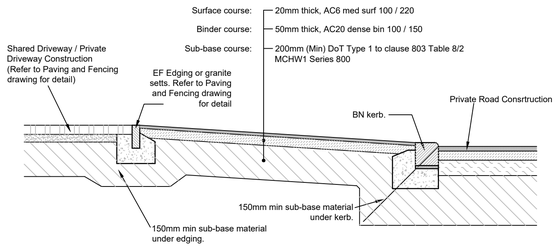
SELF-BINDING GRAVEL

Colour: Golden Flint or equivalent.
Depth: 40mm well compacted.
Size: Varies from 1-30mm containing significant quantity of fines.
Type: Various stone type.

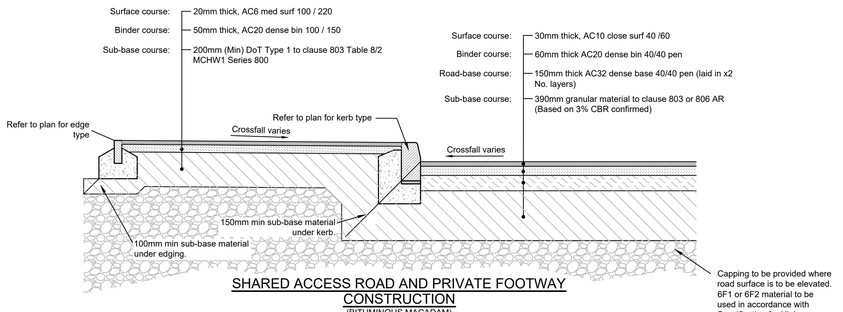
GEOGRID LAYER

Geogrid installation to be in strict accordance with manufacturers recommendations/proceedures.

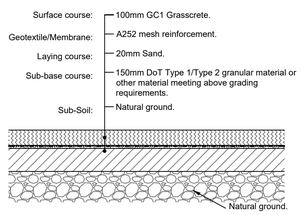
Geogrid products can be supplied by Tensar International



VEHICLE CROSSOVER CONSTRUCTION
(BITUMINOUS MACADAM)
TO BE IN ACCORDANCE WITH WSCC REQUIREMENTS
(Scale 1:20)



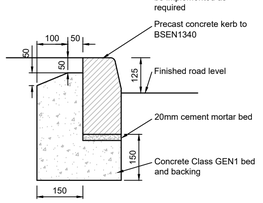
SHARED ACCESS ROAD AND PRIVATE FOOTWAY CONSTRUCTION
(BITUMINOUS MACADAM)
(FOR FREQUENT COMMERCIAL VEHICLES)
(Scale 1:20)



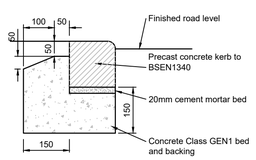
TYPE:	GRASSCRETE
DRAIN CLASS:	Permeable
LOADING:	VEHICULAR

GRASSCRETE CONSTRUCTION
(Scale 1:20)

Quadrants/angled kerbs to be implemented as required



HB2 KERB DETAIL 1
(1:10)

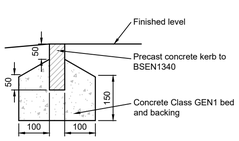


BN KERB DETAIL 2
(1:10)

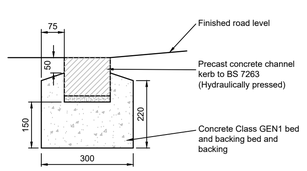
0-6mm @ Pedestrian Crossing
20-25mm @ Vehicular Crossing/driveways

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

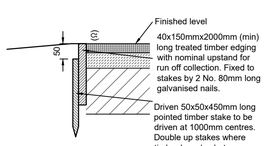
RADIUSED KERBS TO BE USED LESS THAN 12M RADIUS ANGLES AND QUADRANTS TO ALL CORNERS



EF EDGING DETAIL 3
(1:10)



CS2 CHANNEL DETAIL
(Scale 1:10)



TIMBER EDGING DETAIL
(Scale 1:10)

NOTES

A1

1. This drawing is to be read in conjunction with all other BPC 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. BPC 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. BPC 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 BPC drawings, the manufacturers instructions must be used.
11. All Earthworks in accordance with the Specification for Highway Works.

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.
5. Working in vicinity of Waterbodies with variable surface water flows & debris. Contractor to provide method statement and ensure operatives have appropriate safeguarding equipment.

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

Rev.	Amendments	Date
A	Revised Issue	13/03/2020
-	Original Issue	03/03/2020

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Drawing Status: FOR APPROVAL

Client: Driftstone Developments Ltd

Project: Sunny Corner, Walberton West Sussex BN18 0QS

Drawing Title: Construction Details Sheet 2

Scale	Date	Drawn By	Checked By
As Shown	Mar '20	DJL	MJA

Drawing No.: D1833-006

Rev.: A

ARUN DISTRICT COUNCIL WAY/ZLEDOC