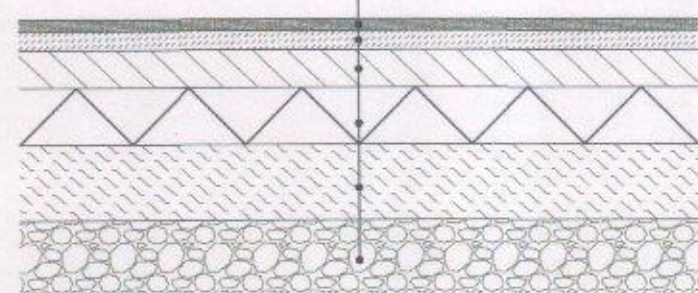


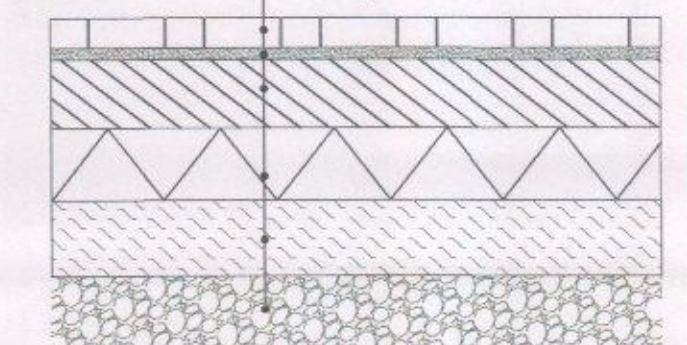
NOTE: ALL ADOPTABLE CONSTRUCTION HAS BEEN DESIGNED TO WORST CASE SCENARIO AND MAY BE REDESIGNED ONCE CBR IS KNOWN.

Surface course: 35mm SMA10 bin 40/60 des to SFH CL937
Binder course: 100mm AC20 HDM bin 40/60 des to SFH CL929
Road-base course: 120mm AC32 HDM bin 40/60 des to SFH CL929
Sub-base course: 150mm Type 1 Sub-base (Clause 803).
Capping Layer: 350mm Type 6F1/6F2 material.
Natural ground.



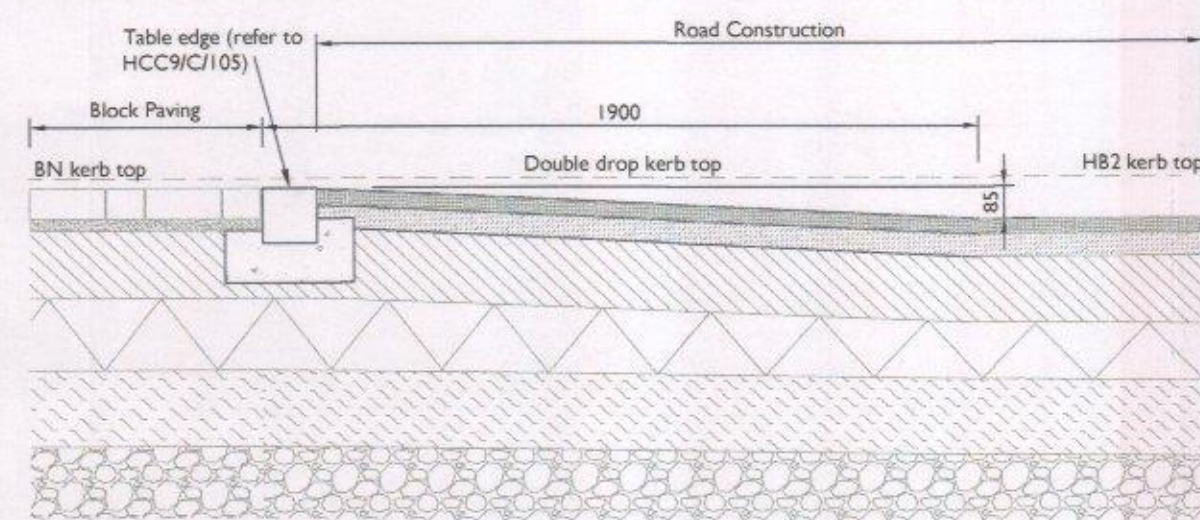
ADOPTABLE PAVEMENT CONSTRUCTION
(Scale 1:20)

Surface course: 80mm thick brindle colour precast concrete blocks (refer to HCC9/C/105 for details)
Laying course: 30mm Compacted sand bedding.
Road-base course: 150mm AC32 HDM bin 40/60 des to CL929
Sub-base course: 150mm Type 1 Sub-base (Clause 803).
Capping Layer: 350mm Type 6F1/6F2 material.
Natural ground.



TYPE: BLOCK PAVING
COLOUR: BRINDLE
DRAIN CLASS: IMPERMEABLE
LOADING: VEHICULAR

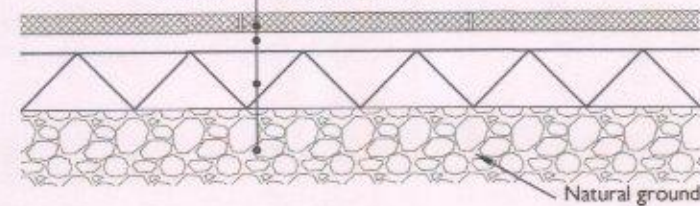
ADOPTABLE BLOCK PAVING (TABLETOPS).
To be read with HCC9/C/105
(Scale 1:20)



TABLETOP RAMP
Refer to HCC9/C/105
(Scale 1:20)

ADOPTABLE
PRIVATE

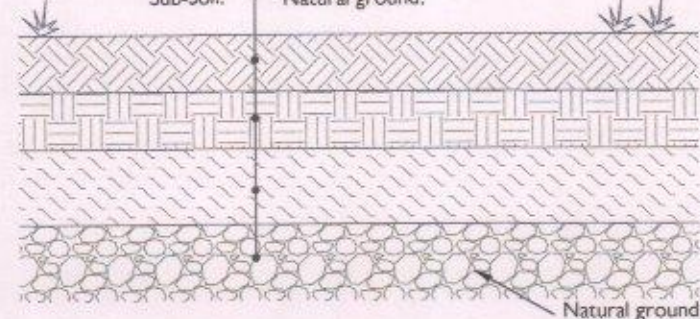
Surface course: 450 x 450 Paving slabs, butt jointed.
Laying course: 25mm Compacted sand bedding
Sub-base course: 100mm DoT Type 1 granular material or other material meeting above grading requirements.
Sub-Soil: Natural ground.



TYPE: RIVEN PAVING SLAB
COLOUR: TBC by Client
DRAIN CLASS: Impermeable
LOADING: PEDESTRIAN

PRIVATE PATHS & PATIO
CONSTRUCTION
(Scale 1:20)

Surface course: 150mm imported topsoil to BS 3882:2015.
Sub-base course: 150mm layer of selected clean excavated soil or sub-soil. (Well compacted)
Oversite: Class 4 / 6B / 6C / 6F1 / 6F2 fill material (in accordance with Table 6/1, Volume 1 SHW, and relevant clauses and appendices referred to therein) over existing ground levels as necessary to underside of sub-base. SPECIFICATION SUBJECT TO CONFIRMATION FROM GEOTECHNICAL SPECIALIST.
Sub-Soil: Natural ground.



TYPE: Seeding/Turfing
MIX: 35% Chewings fescue, 35% Slender red fescue, 20% Smooth stalked meadow grass, 10% Brown top bent.
LOADING: Pedestrian - NON-VEHICULAR

Subject to horticultural proposals.
GRASS/VERGE CONSTRUCTION
(Scale 1:20)

FOR ALL ADOPTABLE STANDARD CONSTRUCTION REFER TO HCC STANDARD DRAWINGS, INCLUDING BUT NOT LIMITED TO THE LIST BELOW:

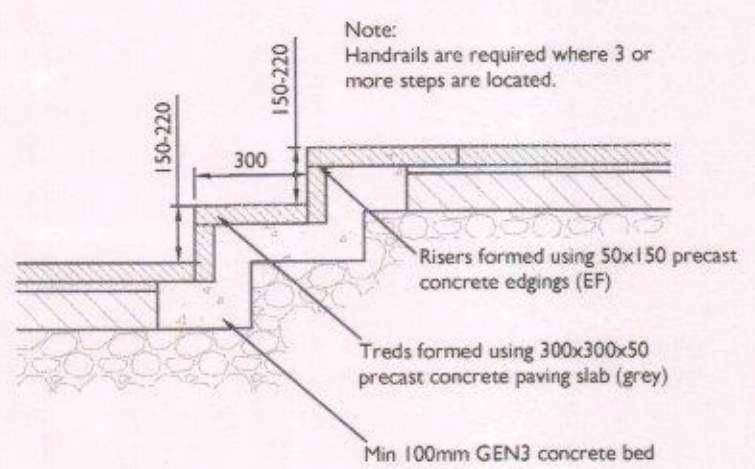
- HCC9/C/010 A (PRECAST KERBS)
- HCC9/M/035 C (CROSSOVER CONSTRUCTION)
- HCC9/C/045 C (FOOTWAYS)
- HCC9/C/105 C (CONCRETE BLOCK PAVED ROAD HUMPS - TYPE 1A)
- HCC Companion Document To Manual For Streets.

KERBS:

HB2 kerb upstand to be 110mm
BN kerb upstand to be 25mm

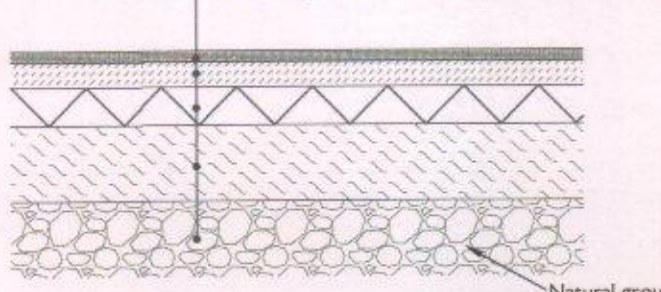
FOOTWAY:

Footways to be Type 1A



TYPICAL PRIVATE STEPS CONSTRUCTION
(Scale 1:20)

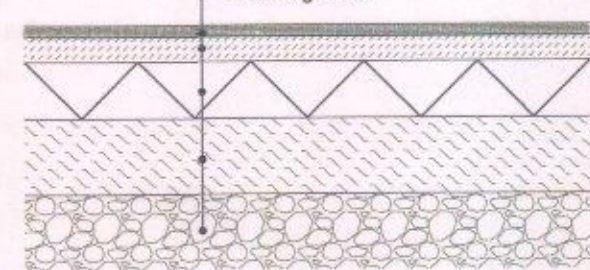
Surface course: 25mm thick, AC 10 close surf 100/150
Binder course: 50mm thick, AC 20 dense bin 40/60.
Sub-base course: Type 1 Sub-base (Clause 803). SEE CBR TABLE
Capping course: Type 6F1/6F2 material. SEE CBR TABLE
Sub-Soil: Natural ground.



TYPE: MACADAM
DRAIN CLASS: Impermeable
LOADING: VEHICULAR

PRIVATE PARKING BAY
(Scale 1:20)

Surface course: 20mm thick, AC 6 dense surf 100/150.
Binder course: 45mm thick, AC 20 dense bin 40/60.
Sub-base course: 100mm (Min) DoT Type 1 granular material or equivalent. SEE CBR TABLE
Capping Layer: Type 6F1/6F2 material. SEE CBR TABLE
Sub-Soil: Natural ground.



TYPE: MACADAM
DRAIN CLASS: Impermeable
LOADING: PEDESTRIAN

PRIVATE FOOTWAY CONSTRUCTION
(Scale 1:20)

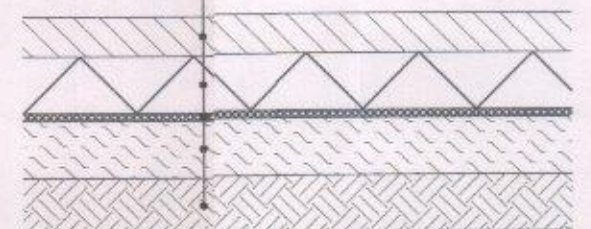
CONTRACTOR TO ASSUME MAXIMUM CAPPING LAYER THICKNESS PRIOR TO CONFIRMATION OF CBR TESTING.

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.

CBR VALUE	CAPPING LAYER THICKNESS	SUB BASE THICKNESS
15% - 30%	-	150mm
5% - 15%	-	225mm
2% - 5%	350mm	150mm
< 2%	600mm	150mm
CONFIRMED CBR %	=	

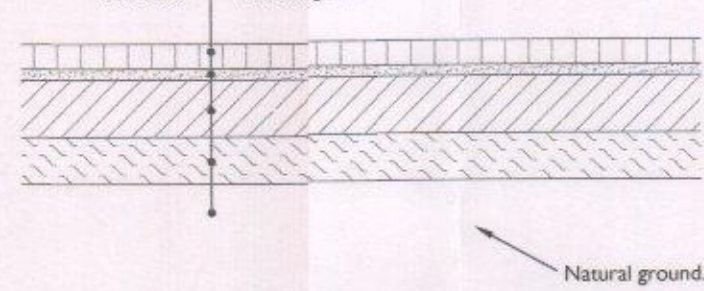
Reinforcement & Bedding: Golpa or similar approved grass protection / reinforcement system
Sub-base: 150mm Min. (Compacted depth) DoT Type 1 granular material. SEE CBR TABLE
Geogrid: Geosynthetic Tenax LB0330 Geogrid
Capping course: Type 6F1/6F2 material SEE CBR TABLE
Sub-Soil: Natural ground.



DRAIN CLASS: Permeable
LOADING: VEHICULAR

DUOBLOCK GRASS REINFORCEMENT
(Scale 1:20)

Surface course: 80mm thick precast concrete blocks (refer to HCC9/C/105 for details)
Laying course: 25mm Compacted sand bedding.
Sub-base course: Type 1 Sub-base (Clause 803). SEE CBR TABLE
Capping course: Type 6F1/6F2 material. SEE CBR TABLE
Sub-Soil: Natural ground.



TYPE: BLOCK PAVING
COLOUR: TBC by Client
DRAIN CLASS: Impermeable
LOADING: VEHICULAR

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

STANDARD NOTES:

- This drawing is to be read in conjunction with all other OPUS INTERNATIONAL CONSULTANTS (UK) LTD drawings, and with all relevant Architect's and Engineer's drawings and specification.
- No dimensions are to be scaled from this drawing, but must be taken from site and / or the details.
- Unless noted otherwise all dimensions are in millimeters and all levels are in metres from the site datum.
- 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.
- The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. Figured dimensions must be used for setting out and detailing. OPUS INTERNATIONAL CONSULTANTS (UK) LTD logos and company information must be removed from copies if information is re-used.
- 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.
- The main Contractor is responsible for all occurrences of ground water during the construction period.
- 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 and attention whilst undertaking the works.
- The contractor must comply with all current legislation relating to Health & Safety.

DuoBlock

Rootzone 70/30 Mix Specification

Category	Size mm	Percentage %
Shells & C. Gravel	3.0mm or More	75%
Fine Gravel	2.0mm - 3.0mm	15%
Very Coarse Gravel	20mm - 40mm	5%
Coarse Sand	4mm - 6.0mm	2%
Medium Sand	0.75mm - 2.0mm	0.5%
Fine Sand	0.25mm - 0.75mm	1%
Very Fine Sand	0.075mm - 0.25mm	3%
Silt	0.0075mm or Less	Trace
Loss on (40°C)		0.3
Loss on (100°C)		2.7

DuoBlock

Recommended Seed Mixtures.

	Cur Park: Fine Leaved Mixture	Tree Areas: Service Roads - Low Maintenance	Embankments - Low Maintenance
Chewings Fescue	40%	40%	15%
Crested Dogtail		40%	30%
Smooth - Stalked Meadow Grass	10%	10%	10%
Reverend Kent		10%	
Crested Dogtail			8%
Perennial Ryegrass	50%		40%



CONSTRUCTION

Revision	Amendment	Approved	Revision Date	Project
				Station Road, Hayling Island
				Sheet
				CONSTRUCTION DETAILS
				Drawing No.
				320
				Sheet No.
				1
				Revision
				R2

BARRATT HOMES

OPUS

Fareham Office
044 (0)1329 822021

Modulus House,
Salters Lane,
FAREHAM

Drawn

Designed

Approved

Revision Date

CAA

CAA

RM

Project No.

Scale

Drawing No.

Sheet No.

Revision

FA E-F1682.00

AS SHOWN

320

1

R2

1:10 @ A1

1:20 @ A3

1:20 @ A1

1:40 @ A3

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100

200

300

400

500

600

700

800

900

1000

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Original Sheet Size A1 (B41x594)

Plot Date 11 Dec 2015 @ 2:12 PM

Path G:\Projects\EF1000-EP1999\EF1600-EP1699\EF1682\04 CAD\Current Working Drawings\FA E-F1682 320 Construction Details.dwg Layout1