

TEMPORARY RUNNING COURSE OPTIONS

Where a construction period running course layer is to be provided over permeable paving sub-base (OGCR) one of the following options can be

- . Overlay the open graded sub-base material (OGCR) with a sacrificial filtration geotextile and 100mm deep layer of type 1 sub-base. The type 1 is to be disposed of after the construction period has ended and replaced with the same depth of OGCR prior to laying the block paving and laying
- 2. Overlay the open graded sub-base material (OGCR) with a sacrificial 80mm layer DBM course. This running layer to be disposed of after the construction period has ended and replaced with the same depth OGCR prior to laying the block paving and laying course. Surface to be monitored within construction period
- 3. Overlay the open graded sub-base material (OGCR) with a 80mm layer of DBM. Prior to laying the block paving and laying course the running layer shall be core drilled with 100mm holes on a 750mm grid to provide a
- drainage route through to the OGCR sub-base. Surface course to be machine cleaned prior to drilling. Holes to be filled with laying course 6mm

TABLE 1

Sieve size mm	Percentage by mass passing % 4/20
80 63 40 31.5 20 10 4 2.8	- 100 98 - 100 90 - 99 25 - 70 0 - 15 0 - 5
ding for sub-base r	naterial for permeable

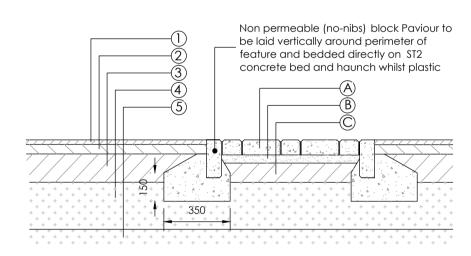
Grading for sub-base material for permeable (BS EN 12620:2002 Gc 4/20 coarse aggregate)

TABLE 2

single sized aggregate	Percentage by mass passing % 100 98-100 80-99 0-25 0-5 0-2 *		Sub Base	
SIEVE SIZE (mm)		Ī	Com Street 1	
14mm 10mm			Com Street 2	
6.3mm 2mm			Com Street 3	
1mm 0.063mm			Com Street 4	
* (BS EN 12620:2002 fines category f2)			Com Street 5	
Grading for laying course material	I tor permeable paving			Т

(BS EN 12620:2002 Gc 80/20 2/6.3 coarse aggregate)

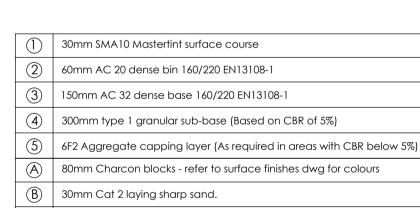
DETAIL B - ADOPTABLE PERMEABLE PAVING CONSTRUCTION





WILLMOTT DIXON

HOUSING



130mm AC 32 dense bin 160/220 EN13108-1 Actual CBR values to be determined on site

Edge restraint varies - refer to surface 150x100x200dp Charcon country finishes drawings setts (cropped finish) bedded on ST2 300

TABLE 3

Sub Base Depths

0.6m

0.6m

0.35m

0.4m

0.5 m

RECYCLED GLASS FEATURE AREAS

50x150 EF precast concrete edging to BS - EN 1340 : 2003. Laid flush unless otherwise 25mm 6mm Recycled Glass Aggregate surface course 45mm AC 20 dense bin 40/60 EN13108-1 100mm lean mix concrete (cl 1030 SHW)

136mm x 25mm hardwood and polyethylene fibre composite grooved decking; Ecodeck or similar approved.

Colour light brown. Boards secured on 50mm x 150mm treated softwood joists and 50mm x 50mm treated

softwood framing plugged and screwed to concrete base. Decking fixed with 5mm gaps between boards.

- 50mm x 150mm treated softwood joists at 1m centres 136mm x 23mm fibre composite board fixed with 2 No.

galvanised screws at each joist

(4) | 150mm type 1 granular sub-base (Based on CBR of 5%) Actual CBR values to be determined on site Recycled glass aggregate surface to be Sureset 6mm surfacing or similar approved in colours sepcified on surface finishes drawings

(A) 80mm Charcon permeable block paving - Refer to surface finishes dwgs for colours (B) | 50mm depth of coarse 6mm aggregate (see Table 2) 150x125 CS kerb (C) 80mm AC 20mm dense bin 160/220 (temporary running course) (D) Open graded crushed rock OGCR (table 1 for gradings). Depth varies see table3 30mm SMA10 Mastertint surface course 60mm AC 20 dense bin 160/220 EN13108-1 150mm AC 32 dense base 160/220 EN13108-1 (4) 300mm type 1 granular sub-base (Based on CBR of 5%) _____

Impermeable membrane

with 300mm lap into sub

DETAIL E - JUNCTION DETAIL BETWEEN COMMUNITY STREETS AND GREEN LANES

Drawn Chk'd

by

CO1 NJ TST Issued for construction

CO2 NJ TST Service cover detail added

base material

Actual CBR values to be determined on site

NOTES Comments P2 | TST | AJG | Pen values updated Amended in lne with most recent Willmott Dixon comments (June 2014)

All dimensions and levels are in metres unless otherwise noted This drawing is to be read in conjunction with the relevant Architect's/Engineer's drawings, specifications and CDM documentation This drawings has been produced electronically and may have been photo reduced or enlarged when copied. Work to figured dimensions

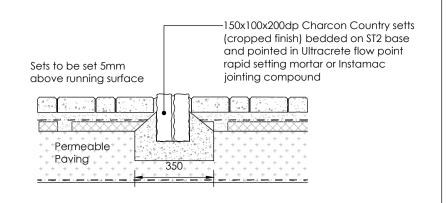
ECO DECK DETAIL

This drawing contains coloured lines / information that may not be clear if reproduced in black and white.

omissions to be reported to the engineer immediately.

only (DO NOT SCALE). All dimensions to be checked on site. Any errors or

150x100x200dp Charcon country setts— (cropped finish) bedded and pointed in Ultracrete flow point rapid setting Channel block or 150x125 BN - to BS EN 1340:2003 dropped mortar or Instamac jointing compound kerb laid upside down ST4 concrete bed — Granite setts shall be 150 x 100 x 200 and shall comply with BS 435. To be laid to show the 100 x 200 surface in stretcher bond.



GRANITE SET FEATURE

Highway marker block to be set Available from: Within arassed areas the limit of Rogers Concrete Ltd. in 150mm ST4 concrete bed and adoptable highway is to be Sands Hill surround. Arrows to indicate indicated on site by means of Faringdon extent of adopted highway concrete highway boundary Oxfordshire markers positoned at intervals of 1 SN7 7PQ everv 5 m. 01367 240112 2. The markers are to be concreted in position in grade ST2 concrete Non adoptable land Limit of service margin so that the top is flush with the Highway Boundary 3. Where the highway limits are not readily identifiable in ungrassed Adoptable service margin/verge areas i.e. where the highway boundary meets with a private drive and there is no change in surfcae material, a marker should be placed in a central position on the highway boundary. Channel

Highway marker block to be set in 150mm ST2 concrete bed ansurround. Arrows to indicate extent of adopted highway Non adoptable land Limit of service margi Adoptable service margin/verge Carriageway

brass stud to delineate

service strip

—Type 1A sub-base

Permeable Paving

Permeable Paving

Concrete Dam keyed

into formation with ST4

125x150 BN precast

BS EN 1340 : 2003 laid or

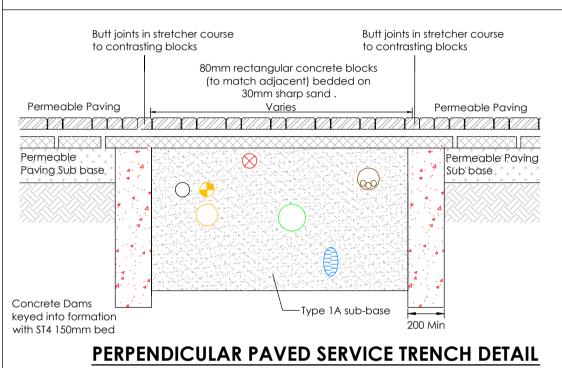
concrete kerb to

150mm bed

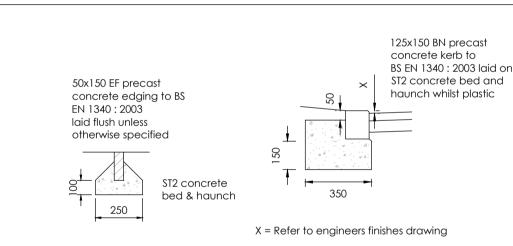
Sub base .

HIGHWAY BOUNDARY MARKER

Carriageway



PARALLEL PAVED SERVICE TRENCH DETAIL



125 x 150 CS KERB

125x255 HB2 precast

whilst plastic

concrete kerb to BS EN 1340

ST2 concrete

haunch &

backing

: 2003 laid & bedded directly

on ST2 concrete haunch

backing at later date. **HB2 KERB CONSTRUCTION**

Consult with Engineer if two stage kerb

350

laying is required i.e. haunch followed by

20/11/2013

1:20 @ A1

80mm rectangular concrete blocks

(to match adjacent) bedded on

30mm sharp sand

50x150 EF PATH EDGING BN/DK KERB CONSTRUCTION

KERBING DETAILS

125x150 CS precast

haunch whilst plastic

150mm of type 1 to extend

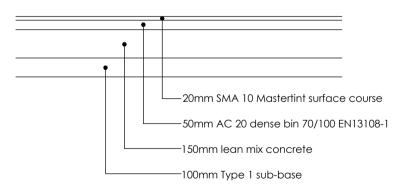
below and behind back of

kerb bed and haunch

concrete kerb to BS EN 1340

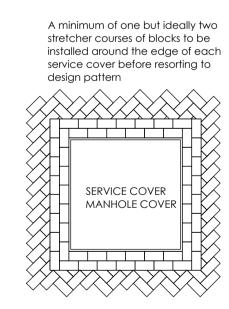
2003 laid & bedded directly

on ST2 concrete bed and

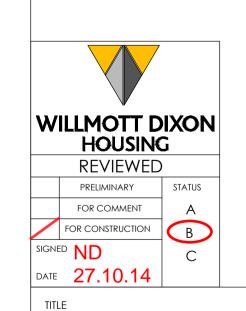


DETAIL OF GREENS LANE FOOTWAY LINK

Add detail of timber posts in wave style (community street 5)

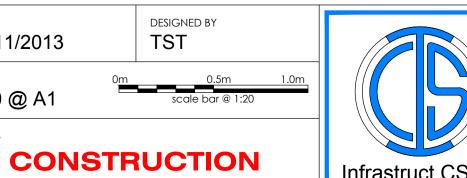


SERVICE COVER DETAIL



Adoptable Highway Details Bicester Eco Village Bicester Oxfordshire

DRAWING NUMBER 12-1196-20 Rev C02





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