



Notes

- This drawing is to be read in conjunction with all relevant Architects and Engineers drawings and specifications.
- Dimensions are in millimetres unless noted otherwise.
- Original topographic survey undertaken by Geodine Limited. For full topographic survey information see Geodine drawings. All levels based on O.S. Datum by GPS.
- Existing levels shown thus: **+6.77**
- Before excavation commences, the Contractor shall ascertain the depths, sizes and locations of all services to be crossed. Any conflicts in levels between new works and existing services shall be notified to the Engineer.
- Kerb types are shown thus :
 - K1 - 115mm Face HB Kerb (See STD.02.25)
 - K2 - 70mm Face Marshalls Bulbosed Keykerb
 - K3 - 25mm Face Marshalls Bulbosed Keykerb
 - T - Transition Kerb / Kerbs
 - K4 - Flush Kerb (See STD.02.25)
 - K5 - Precast Concrete Edging 50 x 150mm EF
- Finishes Schedule :

	PERMEABLE ASPHALT AREAS
Construction : 120mm Total Tarmac Utilisuds Porous Asphalt Layers or equivalent. Surface Course shall be Buff Quartzite coloured	
100mm	Dense Road Base, Nominal Size 0/32mm Bitumen Grade : 100/150
280mm	Minimum D.O.E. Type 3 Sub - Base, incorporating centrally placed Triax Tx160 Geogrid.
	- Triax Tx160 Geogrid by Tensar, or equivalent
500mm	Minimum Total

Anticipated Method of Working (Permeable Asphalt) :

Phase 1
Lay Geogrid and porous sub-base.
Lay 100mm of dense road base over sub-base

Phase 2 : After building work is completed
Clean Bitmac Surface.
Cut 75mm diameter holes at 1.5m centres through the asphalt surface into the sub-base.
Fill holes with 6mm clean stone
Heavy roll to remove local heave.
Lay Tarmac Utilisuds or equivalent

	PERMEABLE BLOCK PAVING
Construction : 80mm Marshalls Permeable Concrete Blocks, or equivalent Brindle Coloured (Delineation Colour tbc) Herringbone Bond	
30mm of 6mm Nominal Sized Basalt Aggregate, or Equivalent	
100mm	Dense Road Base, Nominal Size 0/32mm Bitumen Grade : 100/150
290mm	Minimum D.O.E. Type 3 Sub - Base, incorporating centrally placed Triax Tx160 Geogrid.
	- Triax Tx160 Geogrid by Tensar, or equivalent
500mm	Minimum Total

Anticipated Method of Working (Permeable Block Paving) :

Phase 1
Lay Capping, Geogrid and porous sub-base.
Lay 100mm of dense road base over sub-base

Phase 2 : After building work is completed
Clean Bitmac Surface.
Cut 75mm diameter holes at 1.5m centres through the asphalt surface into the sub-base.
Fill holes with 6mm clean stone
Heavy roll to remove local heave.
Lay Stone and Block Pavers

	ADOPTED CARRIAGEWAY (Subject to Agreement)
Construction : 30mm of 10mm Close Graded Asphalt Concrete Surface Course 100/150 pen to BSEN 13108-01 & BS 594987	
60mm	of 20mm Dense Asphalt Concrete Binder Course 40/60 pen to BSEN 13108-01 & BS 594987
150mm	of 32mm Dense Asphalt Concrete Base Course 40/60 pen to BSEN 13108-01 & BS 594987
150mm	Type 1 Granular Sub-base to Clause 803
600mm	Capping 6F1 / 6F2 Material. Subject to review by The Highway Inspector (Capping depth to be confirmed)

	CONCRETE FLAG FOOTWAY : Brett Chaucer Charcoal 450 x 450 x 32mm Slabs
Construction : See drawing STD.02.35 Type 2	

	RUMBLE STRIP
Construction : see drawing 28476-103	

P2 ADOPTED CARRIAGEWAY CONSTRUCTION DETAILS ADDED PF-02-11-16

REV	DESCRIPTION	CHECKED	DATE

Archibald Shaw

Consulting Civil & Structural Engineers
One Little London, Chichester, West Sussex PO19 1PP
Telephone: 01243 786471 Facsimile: 01243 779346
mail@archibaldshaw.co.uk www.archibaldshaw.co.uk

CLIENT	Kingsham Homes	
PROJECT	Housing Development Bound Lane, Hayling Island Surfacing	
DRAWN BY	CHECKED BY	DESIGNED BY
PF	VC	PF
SCALE @ A1	©DATE	STATUS
1:200	Oct. 2016	Preliminary
JOB NO.	DRAWING NO.	REVISION
28476	102	P2