



UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT HIS OWN RISK.

Control structure (perforated manhole chamber with sump) attenuating events up to and including the 1 in 10 year within the parcel (no discharge to the network during these events). Events in excess of the 1 in 10 year storm are catered for by the sites proposed attenuation basins located at the outfall. Invert level of perforations set 375mm above porous paving formation.

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NOTES

- All levels relate to Ordnance Datum.
- All existing invert and road levels are to be checked on site prior to commencement of works. Any variation to stated levels are to be reported to Bovis Engineers.
- Adoptable Highways: All highway works to be adopted under section 38 of the Highways Act (1980) shall comply with the Local Authorities Specification and the Dip. Specification for Highway Works.
- All traffic signs and road markings are to be in accordance with the Traffic Signs Regulations and General Directions 2002 Statutory Instrument No. 1519.
- For highway construction details refer to drawings S_900 & S_901.
- Adoptable Drainage: All sewers to be adopted under section 104 of the Water Industry Act (1991) shall comply with the provisions of "Sewers for Adoption" 6th Edition.
- All connections to adoptable manholes from private building drainage to be 150mm diameter pipe laid at a slope of 1 in 150 unless otherwise specified.
- Sewers with less than 1.2m cover beneath highways and 0.9m cover elsewhere to have special concrete protection of minimum thickness 150mm. Flexibility of pipeline to be maintained.
- Bidding to all remaining pipework is to be Class S granular bed and surround.

KEY

- Development Boundary
- Block Paving: permeable carriageways, impermeable footways/service margins. Permeable construction to be Marshalls Priors system or similar approved. Refer to Bovis details for bond and colour. 80mm block on carriageways, 80mm block on footways.
- Tactile Crossing locations to be confirmed on site
- Ramp (Maximum gradient of 1:12, kerb upstand reduced to 0mm)
- S104 Foul Water Sewer and Manhole
- Highway Drain and Manhole
- 150W perforated link pipe laid at formation level.
- 150W link pipes laid at all interfaces with impermeable margins and cross overs
- Highway Gully
- Drainage Easement

MARSHALLS ARE TO BE CONSULTED THROUGHOUT THE CONSTRUCTION OF THE POROUS PAVING SYSTEMS TO ENSURE COMPLIANCE WITH THEIR STANDARDS. THE CONTRACTORS ATTENTION IS DRAWN TO THE REQUIREMENT FOR THE POROUS PAVEMENT FORMATION TO FALL TOWARDS THE OUTFALL.

INFILTRATION POROUS PAVING SYSTEM - TO BE UNDERLAIN WITH A PERMEABLE MEMBRANE (TERRAM 1000 OR SIMILAR APPROVED)

Rev	Date	Details	By

Drainage Authority Approval Date
Highway Authority Approval Date

Do not scale from this drawing. Use written dimensions only. When shown relationships between slab levels and ground levels are to be checked on site. Any discrepancy or suggested modification to be reported to Design and Engineering Director.
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BOVIS HOMES
Bovis Homes Central Region
Bromwich Court
Highway Point
Corsey Lane
Coleshill
B46 1JU
Tel: 01675 437 000
Fax: 01675 437 094
DX: 728340 Coleshill 2

Brookbanks Consulting

6150 Knights Court Solihull Parkway Birmingham B37 7WY
Tel (0121) 329 4330 Fax (0121) 329 4331
www.brookbanks.com

SITE: KINGSMERE, BICESTER KM4

DRAWING TITLE: ROAD AND SEWER LAYOUT

DRAWN BY	DATE	DRAWING NO.	REV
RM	02.09.14	BICE_5_530	-
SCALE:	CHECKED/DATE		
1:500 @ A1	RH		

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