

**FOUL WATER MANHOLE SCHEDULE**

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams Inv-soff		Manhole	Cover
F1	76.558					1200	Type E	D400
E. 457040.656	1.200		0	1.000	75.208			
N. 222431.148								
F2	76.144					1200	Type E	D400
E. 457042.583	1.200		0	2.000	74.794			
N. 222377.513								
F3	76.303					1200	Type B	D400
E. 457061.026	1.679		1	1.000	74.474			
N. 222421.793			2	2.000	74.474			
F4	75.953					1200	Type E	D400
E. 457112.950	1.360		0	3.000	74.443			
N. 222456.125								
F5	75.921					1200	Type B	D400
E. 457102.295	1.534		1	3.000	74.237			
N. 222427.154			0	3.001	74.237			
F6	75.870					1200	Type B	D400
E. 457097.174	1.616		1	3.001	74.104			
N. 222407.907			2	1.001	74.104			
F7	75.519					1200	Type B	D400
E. 457124.048	1.825		1	1.002	73.544			
N. 222396.253			0	1.003	73.544			
F8	75.616					1200	Type E	D400
E. 457099.793	1.200		0	4.000	74.266			
N. 222349.656								
F9	75.562					1200	Type E	D400
E. 457108.675	1.240		1	4.000	74.172			
N. 222360.550			0	4.001	74.172			
F10	75.469					1200	Type E	D400
E. 457122.563	1.261		1	4.001	74.058			
N. 222370.719			0	4.002	74.058			
F11	75.455					1200	Type B	D400
E. 457132.248	1.639		1	4.002	73.666			
N. 222383.023			0	4.003	73.666			
F12	74.859					1200	Type E	D400
E. 457177.023	1.200		0	5.000	73.509			
N. 222429.497								
F13	75.098					1200	Type B	D400
E. 457155.106	1.689		1	5.000	73.259			
N. 222399.048			0	5.001	73.259			

**FOUL WATER MANHOLE SCHEDULE**

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams Inv-soff		Manhole	Cover
F14	75.300					1200	Type B	D400
E. 457141.557	2.036		1	5.001	73.114			
N. 222382.185			3	1.003	73.114			
F15	75.183					1200	Type B	D400
E. 457154.465	2.010		1	1.004	73.003			
N. 222371.813			0	1.005	73.003			
F16	75.176					1200	Type B	D400
E. 457180.770	2.241		1	1.005	72.785			
N. 222352.238			0	1.006	72.785			
F17	74.772					1200	Type B	D400
E. 457208.047	2.129		1	1.006	72.493			
N. 222386.431			0	1.007	72.493			
F18	74.520					1200	Type B	D400
E. 457228.284	2.866		1	1.007	71.504			
N. 222411.951			0	1.008	71.504			
F19	74.437					1200	Type A	D400
E. 457236.216	3.301		1	1.008	70.986			
N. 222418.622			0	1.009	70.986			
F20	74.384					1200	Type A	D400
E. 457241.017	3.724		1	1.009	70.490			
N. 222427.302			0					

**SURFACE WATER MANHOLE SCHEDULE**

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams Inv-soff		Manhole	Cover
S1	75.105					1200	Type E	D400
E. 457161.764	1.200		0	1.000	73.680			
N. 222368.104			1	1.000	73.552			
S2	75.206					1200	Type E	D400
E. 457180.241	1.429		0	1.001	73.552			
N. 222354.349			1	1.001	73.491			
S3	75.027					1200	Type E	D400
E. 457190.083	1.311		0	1.002	73.491			
N. 222359.098			1	1.002	73.262			
S4	74.752					1200	Type E	D400
E. 457211.268	1.265		0	1.003	73.262			
N. 222386.077			1	1.003	72.589			
S5	74.493					1200	Type B	D400
E. 457231.960	1.679		0	1.004	72.589			
N. 222412.593			1	1.004	72.223			
S6	74.420					1200	Type B	D400
E. 457238.308	1.972		0	1.005	72.223			
N. 222419.177			1	1.005	71.868			
S7	74.354					1200	Type B	D400
E. 457243.205	2.261		0	1.006	71.868			
N. 222426.588			1	2.000	73.041			
S8	74.466					1200	Type E	D400
E. 457200.689	1.200		0	2.000	73.041			
N. 222452.410			1	2.000	71.783			
S9	74.316					1200	Type B	D400
E. 457241.786	2.308		0	2.001	71.783			
N. 222436.616			1	1.006	71.595			
S10	74.330					1200	Type B	D400
E. 457242.563	2.510		2	2.001	71.596			
N. 222432.515			0					
S20	75.650					1200	Type E	D400
E. 457131.750	1.205		0					
N. 222476.720			1					
S21	74.790					1200	Type E	D400
E. 457180.270	0.875		0					
N. 222460.260			1					

**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. 1518).
- For highway construction details refer to drawings S\_380 & S\_381.
- 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 pipes laid at a slope of 1 in 150 unless otherwise specified.
- Sewers with less than 1.2m cover beneath highways and 0.6m cover elsewhere to have special concrete protection of minimum thickness 100mm. Feasibility of pipes to be maintained.
- Bidding to all remaining pipework is to be Class 5 granular bed and surround.

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

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

A 05.01.15 Details for S20 and S21 added. SD

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 spot levels and ground levels are to be checked on site. Any discrepancy or suggested modification to be reported to Design and Engineering Director.

Note: This drawing is the copyright of Bovis Homes Ltd.

**BOVIS HOMES**

Bovis Homes Central Region  
Bromwich Court  
Highway Point  
Gorsey 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 MANHOLE SCHEDULES

DRAWN BY RM DATE 02.09.14 DRAWING NO. BICE\_5\_533

SCALE: - CHECKED/DATE BH

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.