MANHOLE SCHEDULE

Sheet 1 of 6

Manhole Number / Coordinates	Cover Level / Depth To Soffit	Connections	Pipe: Code	Pipe: Inverts	Pipe: Diams Inv-soff	Manhole Size	Types: Manhole	Types: Cover
F1	115.316		0	1.000	113.000	150	1200	B	D400
E. 446541.540	2.166								
N. 237525.164									
F3	115.406		0	2.000	113.200	150	1200	B	D400
E. 446529.148	2.056								
N. 237549.111									
F5	115.352		1	1.000	112.750	150	1200	B	D400
			2	2.000	112.750	150			
E. 446530.049	2.452		0	1.001	112.750	150			
N. 237544.359									
F7	114.946		1	1.001	112.600	150	1200	B	D400
E. 446515.060	2.196		0	1.002	112.600	150			
N. 237535.387									
F9	114.141		1	1.002	112.150	150	1200	B	D400
E. 446504.647	1.841		0	1.003	112.150	150			
N. 237503.581									
F11	113.167		1	1.003	111.450	150	1200	B	D400
E. 446493.597	1.567		0	1.004	111.450	150			
N. 237467.136									

MANHOLE SCHEDULE

Sheet 2 of 6

Manhole Number / Coordinates	Cover Level / Depth To Soffit	Connections	Pipe: Code	Pipe: Inverts	Pipe: Diams Inv-soff	Manhole Size	Types: Manhole	Types: Cover
F13	112.726		1	1.004	110.600	150	1200	B	D400
E. 446488.412	1.976		0	1.005	110.600	150			
N. 237449.694									
F15	112.654		1	1.005	109.700	150	1200	B	D400
E. 446496.589	2.804		0	1.006	109.700	150			
N. 237427.866									
F17	113.024		1	1.006	109.593	150	1200	A	D400
E. 446510.096	3.281		0	1.007	109.593	150			
N. 237419.238									
F19	113.642		1	1.007	109.418	150	1200	A	D400
E. 446536.386	4.074		0	1.008	109.418	150			
N. 237420.573									
F21	114.146		0	3.000	110.800	150	1200	A	D400
E. 446544.550	3.196								
N. 237437.579									
FEXGMH	97.594		1	1.020	95.180	150	1200	B	D400
E. 446476.957	2.264								
N. 237161.263									

MANHOLE SCHEDULE

Sheet 3 of 6

Manhole Number / Coordinates	Cover Level / Depth To Soffit	Connections	Pipe: Code	Pipe: Inverts	Pipe: Diams Inv-soff	Manhole Size	Types: Manhole	Types: Cover
F23	113.944		1	3.000	109.324	150	1200	A	D400
			2	1.008	109.324	150			
E. 446547.901	4.470		0	1.009	109.324	150			
N. 237428.736									
F25	114.380		1	1.009	109.172	150	1200	A	D400
E. 446570.224	5.058		0	1.010	109.172	150			
N. 237433.343									
F27	114.148		1	1.010	109.086	150	1200	A	D400
E. 446580.633	4.912		0	1.011	109.086	150			
N. 237425.749									
F29	114.762		0	4.000	113.050	150	1200	B	D400
E. 446633.312	1.562								
N. 237523.854									
F31	113.345		1	4.000	111.350	150	1200	B	D400
E. 446647.859	1.845		0	4.001	111.350	150			
N. 237495.416									
F33	113.765		1	4.001	111.121	150	1200	B	D400
E. 446624.160	2.495		0	4.002	111.120	150			
N. 237470.448									

MANHOLE SCHEDULE

Sheet 4 of 6

Manhole Number / Coordinates	Cover Level / Depth To Soffit	Connections	Pipe: Code	Pipe: Inverts	Pipe: Diams Inv-soff	Manhole Size	Types: Manhole	Types: Cover
F35	113.930		1	4.002	111.058	150	1200	B	D400
E. 446615.185	2.722		0	4.003	111.059	150			
N. 237468.129									
F37	114.202		1	4.003	110.880	150	1200	A	D400
E. 446598.579	3.172		0	4.004	110.880	150			
N. 237447.083									
F39	113.924		1	4.004	110.817	150	1200	B	D400
E. 446597.669	2.961		0	4.005	110.813	150			
N. 237437.654									
F41	110.732		0	5.000	109.150	150	1200	E	D400
E. 446680.275	1.432								
N. 237448.613									
F43	111.199		1	5.000	108.948	150	1200	B	D400
E. 446655.450	2.101		0	5.001	108.948	150			
N. 237431.162									
F45	112.479		1	5.001	108.674	150	1200	A	D400
E. 446619.549	3.655		0	5.002	108.674	150			
N. 237411.260									

MANHOLE SCHEDULE

Sheet 5 of 6

Manhole Number / Coordinates	Cover Level / Depth To Soffit	Connections	Pipe: Code	Pipe: Inverts	Pipe: Diams Inv-soff	Manhole Size	Types: Manhole	Types: Cover
F47	112.797		1	5.002	108.615	150	1200	A	D400
			2	4.005	108.615	150			
E. 446610.718	4.032		0	4.006	108.615	150			
N. 237412.086									
F49	113.165		1	4.006	108.478	150	1200	A	D400
			2	1.011	108.468	150			
E. 446592.434	4.547		0	1.012	108.478	150			
N. 237402.730									
F51	113.036		1	1.012	108.458	150	1200	A	D400
E. 446593.920	4.428		0	1.013	108.458	150			
N. 237400.075									
F53	112.840		1	1.013	108.392	150	1200	A	D400
E. 446591.245	4.298		0	1.014	108.392	150			
N. 237390.551									
F55	112.025		1	1.014	107.981	150	1200	A	D400
E. 446538.172	3.894		0	1.015	107.981	150			
N. 237359.136									
F57	111.321		1	1.015	107.895	150	1200	A	D400
E. 446529.898	3.276		0	1.016	107.895	150			
N. 237349.182									

MANHOLE SCHEDULE

Sheet 6 of 6

Manhole Number / Coordinates	Cover Level / Depth To Soffit	Connections	Pipe: Code	Pipe: Inverts	Pipe: Diams Inv-soff	Manhole Size	Types: Manhole	Types: Cover
F59	107.875		1	1.016	104.000	150	1200	A	D400
E. 446584.415	3.725		0	1.017	104.000	150			
N. 237303.528									
F61	102.549		1	1.017	100.200	150	1200	B	D400
E. 446634.414	2.199		0	1.018	100.200	150			
N. 237261.678									
F63	101.926		1	1.018	100.000	150	1200	B	D400
E. 446615.768	1.776		0	1.019	100.000	150			
N. 237239.400									
F65	102.297		1	1.019	98.700	150	1200	A	D400
E. 446516.753	3.447		0	1.020	98.700	150			
N. 237228.462									

The Contractor is to check and verify in conjunction with the Architects details all setting out points, building and site dimensions, levels and sewer invert levels at connection points and ensure that they are fully conversant with the contents and requirements of the site investigation report before work starts. The Contractor is to comply in all respects with current building legislation, British Standard Specifications, Building Regulations etc.,whether or not specifically stated on this drawing.

This drawing is not intended to show details of ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor any areas of formation for said structures which do not accord with the anticipated conditions as described in the site investigation report are to be immediately notified to the Engineer, where applicable. Any suspect fluid ground or ground contaminants on or within the ground should be further investigated by a suitable expert. Any earthworks shown indicate typical slopes for guidance only and should be investigated further by a suitable geotechnical expert.

Where existing trees are shown to be retained they should be subject to a full Arboricultural inspection for safety. All trees are to be planted so as to ensure they are a minimum of 5 metres from buildings and 3 metres from drainage and services, where applicable. A foundation is to be provided to accommodate the proposed tree planting, where applicable.

GENERAL NOTES

1. This drawing is to be read in conjunction with relevant architectural and engineering drawings.

2. Levels indicated in blocks are Finished floor levels and are 150mm above adjacent finished ground levels unless otherwise shown.

3. Levels of the existing road at the point of tie-in with proposed site road must be checked prior to commencement of works.

4. Any discrepancies between the details shown and actual on site conditions to be reported immediately to the engineer prior to commencement of works.

ADOPTABLE ROADS AND SEWERS

1. Roads, footways and parking bays which form part of the highway to be adopted under Section 38 of the Highways Act 1980 shall comply with the requirements of the Adopting Authority.

2. Sewers to be adopted under Section 104 of the Water Industries Act 1991 shall comply with the Water Authorities Association "Sewers for Adoption 6th Edition" with any amendments specified by the Adopting Water Authority.

3. All pipes to be used in adoptable sewerage shall be either clayware to BS EN 295 or concrete to BS EN 1916 and BS 5911: Part 1 with Class S bedding unless otherwise stated. With approval of the Adopting Authority solid wall concentric external rib reinforced uPVC pipes complying with the relevant provisions of BS EN 13476 may be used.

4. Where cover to a pipe is more than 1200mm under adoptable carriageway the trench shall be filled to formation of the carriageway with well compacted DTp Type 1 material.

5. Where cover to a pipe is less than 1200mm under adoptable carriageway it shall be provided with concrete protection in accordance with the specification of the adopting authority and back filled to formation of the carriageway with well compacted DTp Type 1 material. Where concrete bed and surround is specified flexibility of joints is to be maintained by using compressible bitumen impregnated fibreboard at each pipe joint.

6. All existing drainage invert levels, diameters and locations are to be checked by the Contractor prior to the commencement of any proposed drainage work. Any difference between actual and drawn details is to be reported to the Engineer immediately.

7. Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed sewers is to be checked by the Contractor prior to starting work.

FOR CONSTRUCTION

Even though these drawings may be used for tender purposes they are subject to Thames Water & Oxfordshire County Council design approval as part of on-going design checks, amendments therefore may be requested.

Rev.	Description	Date	By
G	Alternative drainage option added to plan	26.05.17	TB
F	Foul manhole schedules updated to reflect amended drainage design & extra sheet added (15031-212).	22.09.16	LJ
E	Manholes situated on raised 75mm sections of raid cover levels amended to suit raised road road alignment.	18.08.16	LJ
D	Adoptable Foul manholes amended to suit redesign of storm manholes S48-S54 in respect of as-built drainage on site.	10/08/16	LJ
C	Foul manhole schedule amended to suit drainage redesign.	31/07/16	LJ
B	Foul water manhole schedule amended.	21/10/15	LJ
A	Status updated for construction.	26/08/15	LJ
-	First issue.	15/07/15	LJ

Client

CALA HOMES

Project

Cotefield Farm
Bodicote

Title

Foul Manhole Schedule

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Scale	NTS	Drawn	LJ
Date	July 2015	Checked	JB
File	15031/dwgs/civils/current	Drawing	15031 - 211 G