# MANHOLE SCHEDULE

				S	heet 1	of 8				
	Manhole Number	Cover Level				Pipe	Manhole Size	Т	ypes	
	Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams Inv-soff	0.20	Manhole	Cover
	SHD1	112.223								
E.	446785.941	1.298						1200	Unknown	D400
N.	237524.713		0	0	7.000	110.700	225			
	SHD2	109.976	1	1	7.000	107.915	225			
E.	446754.749 237492.997	1.836		0	7.001	107.915	225	1200	В	D400
	SHD3	109.060	1	1	7.001	107.700	225			
E. N.	446725.337 237472.509	1.135		0	7.002	107.700	225	1200	E	D400
	S2	115.061								
E.	446547.913 237508.496	1.436		0	1.000	113.400	225	1200	E	D400
	S4	115.266	1	1	1.000	113.304	225			
E.	446541.505	1.737						1200	В	D400
N.	237522.914			0	1.001	113.304	225			

#### MANHOLE SCHEDULE

			MANH	O	LE SC	HEDU	LE			
				S	heet 5 d	of 8				
	Manhole Number	Cover Level				Pipe		Manhole Size	т	/pes
	Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams Inv-soff	5.25	Manhole	Cover
	S42	113.928	1	1	6.000	112.450	225			
E.	446615.808 237465.961	1.253	$\bigcup_{\circ}$					1200	E	D400
-	201.100.001			0	6.001 6.001	112.450 112.200	225			
	S44	113.762	1		0.00					
E.	446623.870 237468.727	1.337	$\rightarrow$		6 002	112.200	225	1200	E	D400
				0	6.002 5.001	109.958	225			
	S46	113.173	2	2	6.002	109.958	225			
E.	446647.246 237493.320	2.990		0	5.002	109.883	300	1200	В	D400
	S48		1	1	5.002	109.532	300			
	340	112.651 2.819						1200	В	D400
E.	446667.837 237491.701			0	5.003	109.532	300		_	
	S50	110.137	1	1	5.003	107.862	300			
E.	446703.135 237469.251	1.975						1200	В	D400
	S52	400 770	1	0 1 2	7.002 5.004	107.862 107.525 107.450	225 300			
E.	446708.081	109.778 2.028	2					1500	В	D400
N.	237461.499		U	0	5.005	107.300	450			

# MANHOLE SCHEDULE

				S	heet 2	of 8				
	Manhole Number	Cover Level				Pipe		Manhole Size	Т	ypes
C	Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams Inv-soff	0.20	Manhole	Cover
	S6	115.742								
E.	446545.414	1.367	$\bigcup_{\circ}$					1200	E	D400
N.	237550.190			0	2.000	114.150	225			
	S8	115.459								
E.	446525.876	1.384	$\bigcup_{\circ}$					1200	E	D400
N.	237553.699			0	3.000	113.850	225			
	S10	115.326	3 2	1 2 3	1.001 2.000 3.000	113.165 113.165 113.165	225 225 225			
E.	446529.474 237542.767	1.936		0	1.002	113.090	300	1200	В	D400
	S12	114.872	1	1	1.002	112.976	300			
E. N.	446513.194 237532.901	1.596	$\bigoplus$	0	1.003	112.976	300	1200	В	D400
	S14	440.074	1	1	1.003	112.175	300			
E.	446497.557	113.671 1.196						1200	E	D400
N.	237485.139		Ŏ	0	1.004	112.175	300			
	S16	113.319	1	1	1.004	111.819	300			
E. N.	446496.187 237470.500	1.200	$\downarrow$	0	1.005	111.744	375	1500	E	D400

### MANHOLE SCHEDLILE

			MANH	Ю	LE SC	CHEDU	LE			
				S	heet 6	of 8				
	Manhole Number	Cover Level				Pipe		Manhole Size	Т	ypes
	Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams Inv-soff	0.20	Manhole	Cover
	S54	110.794	1	1	5.005	107.207	450			
E.	446676.549 237444.574	3.137		0	5.006	107.207	450	1500	A	D400
	S56	111.248	1	1	5.006	107.137	450			
E.	446654.691 237428.930	3.661		0	5.007	107.137	450	1500	A	D400
	S58	112.501	1	1	5.007	107.031	450			
E. N.	446618.827 237409.456	5.020		0	5.008	107.031	450	1500	A	D400
	S60	113.328								
E.	446602.961 237424.206	3.546		0	8.000	109.557	225	1200	A	D400
	S62	112.531	1	1 2	5.008 8.000	106.745 106.970	450 225			
E.	446610.018 237410.378	5.336	2 0	0	5.009	106.745	450	1500	A	D400
	S64	112.982	1	1	5.009	106.710	450			
E.	446598.191 237404.327	5.822		0	5.010	106.710	450	1500	A	D400

## MANHOLE SCHEDULE

	Manhole	Cover				Pipe		Manhole	Types	
	Number	Level		_		Пре		Size	':	l es
	Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams Inv-soff		Manhole	Cover
	S18	112.654	1	1	1.005	110.850	375			
E.	446488.509	1.429	$\bigvee$					1500	E	D400
N.	237446.512		ò	0	1.006	110.850	375			
	S20	112.599	1	1	1.006	110.000	375			
E. N.	446494.601 237430.323	2.224		0	1.007	110.000	375	1500	В	D400
				1	1.007	109.929	375			
	S22	113.099	1							
E.	446513.255	2.795						1500	В	D400
N.	237418.397			0	1.008	109.929	375			
	S24	113.554	1	1	1.008	109.866	375			
E. N.	446533.002 237419.400	3.313		0	1.009	109.866	375	1500	А	D400
	S26	114.360								
E.	446545.157	1.215	$\bigvee$					1200	E	D400
N.	237448.941	_	U	0	4.000	112.920	225			
	S28	114.226	1	1	4.000	112.083	225			
E.	446543.857	1.918	$\bigvee_{i}$					1200	В	D400
N.	237442.231		-	0	4.001	112.083	225			

#### MANHOLE SCHEDULE

	Manhole Number	Cover Level				Pipe		Manhole	Ту	pes
	Coordinates	Depth To Soffit	Connections		Code	Inverts Diams		Size	Manhole	Cover
	S66	113.122	2 1	1 2	5.010 1.012	106.691 106.766	450 375			
E.	446591.646	5.981						1500	Α	D400
N.	237400.979			0	1.013	106.616	525			
	S68	112.322	1	1	1.013	106.591	525			
E.	446597.044	5.206						3600	Α	D400
N.	237390.913			0	1.014	104.866	2250			
	S70	112.149	1	1	1.014	104.740	2250			
E. N.	446542.195 237359.604	5.159		0	1.015	104.740	2250	1200	Special	D400
	S72	111.527	1	1	1.015	104.724	2250			
E. N.	446537.255 237353.283	6.203		0	1.016	104.724	600	1200	Special	D400
	S74	111.329		1	1.016	104.714	600			
E. N.	446534.682 237349.055	6.090			4.047	404.744	505	2700	Special	D400
	S76	107.723	1	1	1.017	104.714	525 525			
E.	446586.758	2.638	$\bigvee_{i}$					1200	В	D400
N.	237303.522		U	0	1.018	104.560	525			

#### MANHOLE SCHEDULE

Sheet 4 of 8

			Pipe		Manhole Size	T	ypes
Connections		Code	Inverts	Diams Inv-soff		Manhole	Cover
2	1 2	4.001 1.009	109.956 109.806	225 375			
1					1500	A	D400
	0	1.010	109.806	375			
	1	1.010	109.743	375			
1	0	1.011	109.743	375	1500	Α	D400
	1	1.011	109.699	375			
1					1500	А	D400

	S30	113.727	1							
E.	446548.378	3.546						1500	A	D40
N.	237430.299		ó	0	1.010	109.806	375			
	S32	114.385	1	1	1.010	109.743	375			
E. N.	446567.904 237433.798	4.267						1500	А	D4
	201400.100			1	1.011 1.011	109.743 109.699	375 375			
	S34	114.181	1							
E. N.	446578.954 237425.736	4.107		0	1.012	109.699	375	1500	A	D4
	S36	115.765								
E. N.	446609.925 237531.218	1.290		0	5.000	114.250	225	1200	Е	D4
	S38	114.848	1	1		113.377	225			
E. N.	446631.440 237524.221	1.246		0	5.001	113.377	225	1200	E	D4
	S40	114.126								
E. N.	446608.798 237470.013	1.211						1200	Е	D4

### MANHOLE SCHEDULE

	Manhole Number	Cover Level			Pipe				T	ypes
	Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams Inv-soff	Size	Manhole	Cover
	S78	102.482		1	1.018	100.500	525			
E. N.	446639.139 237259.661	1.457						1500	E	D400
	20.200.001			0	1.019	100.500	525			
	S80	97.938	1	1	1.019	96.200	525			
E.	446577.660	1.213						1500	E	D400
N.	237184.529			0	1.020	96.200	525			
	S82	94.576	1	1	1.020	92.900	525			
E.	446513.269	1.151						1500	E	D400
N.	237111.985		v	0	1.021	92.900	525			
	S84	92.155	1	1	1.021	90.500	525			
E.	446445.404	1.130						1500	E	D400
N.	237039.032		0	0	1.022	90.500	525			

DULE				<ol><li>Levels of the existing road at the point of tie-in with proposed site road must be checked prior to commencement of works.</li></ol>
				A. Any discrepancies between the details shown and actual on site conditions to be reported immediately to the engineer prior to commencement of works.
	Manhole	Types		reported infinediately to the engineer prior to confinencement of works.

# ADOPTABLE ROADS AND SEWERS

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

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

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

2. Levels indicated in blocks are Finished floor levels and are 150mm above adjacent

should be investigated further by a suitable geotechnical expert.

the proposed tree planting, where applicable.

finished ground levels unless otherwise shown.

GENERAL NOTES

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

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

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.

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.

H Alternative drainage option added to plan G Certain headwalls removed due to no longer needing top pond, headwall reference numbers revised to suit. Storm manhole schedules updated to reflect amended drainage design & extra sheet added (15031-212). E Manholes situated on raised 75mm sections of raid

cover levels amended to suit raised road road alignment. D Manholes S48-S54 amended to suit as-built drainage | 10/08/16 | LJ being installed surrounding runs amended to suit client C Storm manhole schedule amended to suit drainage

redesign.
Storm manhole schedule updated to suit box culvert
Status updated for construction.
First issue. Description

31/07/16 LJ 21/10/15 LJ 26/08/15 LJ 15/07/15 LJ Date By

26.05.17 TB

05.10.16 LJ

22.09.16 LJ

18.08.16 LJ



Cotefield Farm **Bodicote** 

Storm Water Manhole Schedule Sheet 1 of 2



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NIS	LJ
Date July 2015	Checked JB
File	Drawing
15031/dwgs/civils/current	15031 - 210 H
	Date July 2015