Manhole Number	Cover Level		Pipe				Manhole Size	Types	
Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams		Manhole	Cover
S1	131.382		1	1st lateral	130.025	150	1500	C	D400 600x600
	1.207		2	gully	130.025	150			
E. 434628.887			3	gully	130.025	150			
N. 401320.114			0		1.000	129.950	225		
S2	131.441		1		1.000	129.456	225	1200	B	D400 600x600
	1.760		2	1st lateral	1.000	129.531	150		
E. 434636.618			0		1.001	129.381	300		
N. 401281.378									
S3	130.997		1		1.001	129.177	300	1200	B	D400 600x600
	1.520								
E. 434666.623			0		1.002	129.102	375		
N. 401287.367									
S4	130.665		1		2.002	128.971	375	1500	C	D400 600x600
	1.319		2		1.002	128.972	375		
E. 434685.729			0		1.003	128.971	375		
N. 401283.433									
S5	131.029		1		1.003	128.847	375	1500	B	D400 600x600
	1.806		2	1st lateral	1.003	129.072	150		
E. 434703.972			0		1.004	128.847	375		
N. 401279.676									
S6	131.697		1		1.004	128.604	375	1500	B	D400 600x600
	2.718		2	1st lateral	1.004	128.829	150		
E. 434739.680			0		1.005	128.604	375		
N. 401287.167									

Manhole Number	Cover Level		Pipe				Manhole Size	Types	
Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams		Manhole	Cover
S7	130.475		1		1.005	128.377	375	1500	B	D400 600x600
	1.722		2	1st lateral		128.602	150		
E. 434767.287			0		1.006	128.377	375		
N. 401307.013									
S8	128.528		1		1.006	126.361	375	1500	B	D400 600x600
	1.793		2	1st lateral		126.586	150		
E. 434799.916			0		1.007	126.361	375		
N. 401316.572									
S9	127.560		1		1.007	125.625	375	1500	B	D400 600x600
	1.560		2	1st lateral		125.850	150		
E. 434814.456			0		1.008	125.625	375		
N. 401318.872									
S10	125.220		1		1.008	123.550	375	1500	C	D400 600x600
	1.294		2	1st lateral		123.775	150		
E. 434851.970			3	1st lateral		123.775	150		
N. 401336.619			0		1.009	123.550	375		
S11	124.269		1		1.009	122.607	375	1500	C	D400 600x600
	1.286								
E. 434870.503			0		1.010	122.607	375		
N. 401340.155									
S12	122.642		1		3.003	120.078	375	2100	B	D400 1220x675
	2.189		2		1.010	120.078	375		
E. 434899.973			3	1st lateral		120.303	150		
N. 401354.097			4	overflow		120.500	600		
			0		1.011	119.853	600		

Manhole Number	Cover Level		Pipe				Manhole Size	Types	
Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams		Manhole	Cover
S13 HYDROBRAKE	122.834		1		1.011	119.800	600	2400	B	D400 1220x675
	2.859		2	overflow		119.800	600		
E. 434903.347			0		1.012	119.750	225		
N. 401346.953									
S14	123.261		1		1.012	119.652	225	1200	A	D400 600x600
	3.384								
E. 434909.624			0		1.013	119.652	225		
N. 401333.681									
S15	121.346		1		1.013	119.126	225	1200	B	D400 600x600
	1.995								
E. 434948.893			0		1.014	119.126	225		
N. 401348.757									
S16	120.817		1		1.014	118.976	225	1200	B	D400 600x600
	1.616								
E. 434960.188			0		1.015	118.976	225		
N. 401344.706									
S17	113.723		1		1.015	112.309	225	1200	C	D400 600x600
	1.189								
E. 435054.341			0		1.016	112.309	225		
N. 401378.400									
S18	110.210		1		1.016	108.309	225	1200	B	D400 600x600
	1.676								
E. 435151.654			0		1.017	108.309	225		
N. 401401.425									

Manhole Number	Cover Level		Pipe				Manhole Size	Types	
Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams		Manhole	Cover
S19	104.642		1		1.017	103.309	225	1200	C	D400 600x600
	1.108								
E. 435248.236			0		1.018	103.309	225		
N. 401375.504									
S20 HEADWALL	104.090		1		1.018	103.100	225	*ALTHON SFA6D HEADWALL + 3 SIDED KEE KLAMP + 225mm DUCTILE IRON FLAP VALVE*		
	0.766									
E. 435267.592			0	watercourse		102.650	bed level			
N. 401369.591										
S21	131.751		1	gully		130.350	150	1200	C	D400 600x600
	1.251		2	1st lateral		130.350	150			
E. 434725.621			0		2.000	130.200	300			
N. 401333.152										
S22	131.632		1		2.000	129.681	300	1200	B	D400 600x600
	1.651		2	1st lateral		129.831	150			
E. 434684.929			0		2.001	129.681	300			
N. 401325.003										
S23	131.285		1		2.001	129.388	300	1200	B	D400 600x600
	1.597									
E. 434689.545			0		2.002	129.313	375			
N. 401301.961										
S24	124.993		1	gully		123.525	150	1200	C	D400 600x600
	1.318		2	1st lateral		123.525	150			
E. 434861.055			0		3.000	123.450	225			
N. 401442.527										

Manhole Number	Cover Level		Pipe				Manhole Size	Types	
Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams		Manhole	Cover
S25	124.410		1		3.000	122.959	225	1200	C	D400 600x600
	1.226		2	1st lateral		123.034	150			
E. 434873.321			0		3.001	122.959	225			
N. 401434.361										
S26	123.358		1		3.001	121.350	225	1500	B	D400 600x600
	1.783		2		4.000	121.350	225			
E. 434884.011			3	1st lateral		121.425	150			
N. 401411.761			0		3.002	121.275	300			
S27	122.051		1		3.002	120.355	300	1200	C	D400 600x600
	1.396		2	1st lateral		121.025	150			
E. 434903.682			0		3.003	120.280	375			
N. 401370.181										
S28	125.313		1		gully	123.925	150	1200	C	D400 600x600
	1.238		2	1st lateral		123.925	150			
E. 434850.113			0		4.000	123.850	225			
N. 401395.726										

Manhole Number	Cover Level		Pipe				Manhole Size	Types	
Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams		Manhole	Cover
F1	131.426		1	1st lateral	129.400	150	1200	B	D400 600x600
	1.876								
E. 434627.829			0	1.000	129.400	150			
N. 401318.772									
F2	131.388		1	1.000	128.899	150	1200	B	D400 600x600
	2.339		2	1st lateral	1.000	128.899	150		
E. 434635.666			0	1.001	128.899	150			
N. 401279.506									
F3	130.947		1		1.001	128.643	150	1200	B	D400 600x600
	2.154								
E. 434668.255			0		1.002	128.643	150			
N. 401286.010										
F4	130.643		1		2.002	128.498	150	1200	B	D400 600x600
	1.995		2		1.002	128.498	150			
E. 434686.801			0		1.003	128.498	150			
N. 401282.191										
F5	130.808		1		1.003	128.415	150	1200	B	D400 600x600
	2.243		2	1st lateral		128.415	150			
E. 434697.337			0		1.004	128.415	150			
N. 401280.022										
F6	131.717		1		1.004	128.078	150	1200	A	D400 600x600
	3.489		2	1st lateral		128.078	150			
E. 434740.189			0		1.005	128.078	150			
N. 401289.010										

Manhole Number	Cover Level		Pipe				Manhole Size	Types	
Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams		Manhole	Cover
F7	130.472		1		1.005	127.820	150	1200	B	D400 600x600
	2.502		2	1st lateral		128.800	150			
E. 434767.487			0		1.006	127.820	150			
N. 401308.634										
F8	128.721		1		1.006	125.907	150	1200	B	D400 600x600
	2.664		2	1st lateral		126.950	150			
E. 434797.332			0		1.007	125.907	150			
N. 401317.378										
F9	127.708		1		1.007	125.147	150	1200	B	D400 600x600
	2.411		2	1st lateral		125.147	150			
E. 434812.341			0		1.008	125.147	150			
N. 401319.753										
F10	125.326		1		1.008	123.053	150	1200	B	D400 600x600
	2.123		2	1st lateral		123.053	150			
E. 434850.202			3	1st lateral		123.900	150			
N. 401337.663			0		1.009	123.053	150			
F11	124.432		1		1.009	122.162	150	1200	B	D400 600x600
	2.120									
E. 434867.698			0		1.010	122.162	150			
N. 401341.041										
F12	122.433		1	diversion		119.402	150	1500	B	D400 600x600
	2.881		2	1.010		119.402	150			
E. 434902.762			3	1st lateral		120.650	150			
N. 401357.627			0	diversion		119.402	150			

Manhole Number	Cover Level		Pipe				Manhole Size	Types	
Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams		Manhole	Cover
F13	123.173		1	diversion		118.851	150	1200	A	D400 600x600
	4.172									
E. 434913.915			0	diversion		118.851	150			
N. 401334.049										
F14	121.755		1	existing		118.453	300	1500	A	D400 600x600
	3.002		2	diversion		118.603	150			
E. 434944.068			1	existing		118.453	300			
N. 401345.625										
F15	131.741		1	1st lateral		129.700	150	1200	B	D400 600x600
	1.891									
E. 434724.117			0		2.000	129.700	150			
N. 401331.500										
F16	131.658		1		2.000	129.225	150	1200	B	D400 600x600
	2.283		2	1st lateral		129.225	150			
E. 434686.852			0		2.001	129.225	150			
N. 401324.062										
F17	131.344		1		2.001	128.956	150	1200	B	D400 600x600
	2.238									
E. 434691.078			0		2.002	128.956	150			
N. 401302.962										
F18	126.450		1	diversion		124.582	150	1200	B	D400 600x600
	1.718									
E. 434832.824			0	diversion		124.582	150			
N. 401389.208										

Manhole Number	Cover Level		Pipe				Manhole Size	Types	
Coordinates	Depth To Soffit	Connections		Code	Inverts	Diams		Manhole	Cover
F19	125.245		1	diversion		123.406	150	1500	B	D400 600x600
	1.689		2	1st lateral		123.406	150			
E. 434850.903			3	diversion		123.406	150			
N. 401397.760			0	diversion		123.406	150			
F20	123.395		1		4.000	120.826	150	1200	B	D400 600x600
	2.419		2	diversion		120.826	150			
E. 434884.726			3	1st lateral		121.850	150			
N. 401413.759			0	diversion		120.826	150			
F21	122.032		1	diversion		119.975	150	1200	B	D400 600x600
	1.907									
E. 434906.112			0	diversion		119.975	150			
N. 401368.549										
F22	124.282		1	1st lateral		122.170	150	1200	B	D400 600x600
	1.962									
E. 434875.532			0		4.000	122.170	150			
N. 401433.194										
F18a	126.250		1	existing		124.818	150	1200	C	D400 600x600
	1.282									
E. 434832.857			0	diversion		124.818	150			
N. 401385.286										

Haigh Huddleston & Associates

Civil Structural Engineering Consultants

Firth Buildings, 99 - 101 Leeds Rd, Dewsbury, WF12 7BU t 01924 464342 f 01924 450662

e trevor.haigh@haighhuddleston.co.uk

Client
AVANT HOMES

Project
HAY GREEN LANE, BIRDWELL

Detail
MANHOLE SCHEDULE

Dwn	Chkd	Date	Scale	Dwg No.
HH		Mar-23	NTS @A1	E23/8034/007