

Foul System (MANHOLE F25 CONSTRUCTED AS PART OF PHASE 1/2)

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
F28	21.358		0	5.000	19.150	150	B	D400
E. 471555.202	2.058							
N. 379483.540								
F29	20.561		1	5.000	18.170	150	B	D400
E. 471619.970	2.241							
N. 379475.414								
F30	20.797		1	5.001	17.747	150	B	D400
E. 471619.711	2.900							
N. 379420.400								
F31	19.983		1	5.002	17.261	150	B	D400
E. 471682.847	2.572							
N. 379418.720								
F32	20.033		1	5.003	16.996	150	B	D400
E. 471717.280	2.887							
N. 379419.766								
F33	19.750		1	5.004	16.640	150	B	D400
E. 471763.464	2.960							
N. 379422.711								
F34	19.298		2	6.000	16.159	150	B	D400
E. 471759.812	2.989							
N. 379485.087								
F35	19.198		0	6.000	16.668	150	B	D400
E. 471732.981	2.380							
N. 379480.434								
F25 (EXISTING)	19.521		2	1.013 (EXISTING)	15.114	150	(EXISTING)	(EXISTING)
E. 471760.278	4.257							
N. 379504.893								
			0	1.014 (EXISTING)	15.114	150		

Surface Water System (MANHOLES S22 & S30 CONSTRUCTED AS PART OF PHASE 1/2)

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
S21	20.160		0	6.000	18.464	300	C	D400
E. 471622.914	1.396							
N. 379507.739								
S22 (EXISTING)	19.771		1	1.009 (EXISTING)	17.789	750	(EXISTING)	(EXISTING)
E. 471625.891	1.233							
N. 379535.763								
			0	1.010 (EXISTING)	17.639	900		
S35	19.580		0	8.000	18.150	225	C	D400
E. 471682.000	1.205							
N. 379511.887								
S36	19.492		1	8.000	17.944	225	C	D400
E. 471682.624	1.323							
N. 379476.922								
			0	8.001	17.869	300		
S37	19.280		1	8.001	17.699	300	C	D400
E. 471723.589	1.281							
N. 379477.537								
			0	8.002	17.699	300		
S38	19.131		1	8.002	17.555	300	C	D400
E. 471749.504	1.276							
N. 379481.590								
			0	8.003	17.405	450		
S39	19.179		2	8.003	17.370	450	C	D400
E. 471763.200	1.359							
N. 379482.304								
			0	8.004	17.145	675		
S41	22.190		0	9.000	20.500	225	C	D400
E. 471551.924	1.465							
N. 379421.165								
			0	9.000	20.045	225		
S42	21.570		1	9.001	19.970	300	C	D400
E. 471555.668	1.300							
N. 379469.063								

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
S43	21.365		1	10.000	19.725	225	C	D400
E. 471559.628	1.415							
N. 379480.310								
			0	9.002	19.650	300		
S44	20.577		1	9.002	18.820	300	C	D400
E. 471617.881	1.457							
N. 379473.000								
			0	9.003	18.670	450		
S45	20.734		1	9.003	18.521	450	B	D400
E. 471617.411	1.763							
N. 379418.845								
			0	9.004	18.371	600		
S46	20.032		1	9.004	18.232	600	C	D400
E. 471679.657	1.200							
N. 379416.845								
			0	9.005	18.232	600		
S47	20.008		1	9.005	18.171	600	C	D400
E. 471714.409	1.237							
N. 379417.712								
			0	9.006	18.096	675		
S48	19.756		1	9.006	17.880	675	C	D400
E. 471765.346	1.201							
N. 379420.309								
			0	9.007	17.880	675		
S50	21.518		1	10.000	20.093	225	C	D400
E. 471544.775	1.200							
N. 379483.605								
			0	10.000	20.093	225		
S30	18.595		2	8.004	17.132	675	(EXISTING)	(EXISTING)
E. 471767.673	0.788							
N. 379487.375								
			0	7.001 (EXISTING)	17.057	750		

FOUL SYSTEM										
Pipe Code	Diameter (mm)	Gradient (1:)	Pipe Type	Pipe Length	Upstream Manhole			Downstream Manhole		
					Number	Invert	Cover	Number	Invert	Cover
5.000	150	67	CLAY	65.276	F28	19.150	21.358	F29	18.170	20.561
5.001	150	130	CLAY	55.015	F29	18.170	20.561	F30	17.747	20.797
5.002	150	130	CLAY	63.158	F30	17.747	20.797	F31	17.261	19.983
5.003	150	130	CLAY	34.449	F31	17.261	19.983	F32	16.996	20.033
5.004	150	130	CLAY	46.278	F32	16.996	20.033	F33	16.640	19.750
5.005	150	130	CLAY	62.483	F33	16.640	19.750	F34	16.159	19.298
5.006	150	19	CLAY	19.811	F34	16.159	19.298	F25 (EXISTING)	15.114	19.521
6.000	150	53	CLAY	27.231	F35	16.668	19.198	F34	16.159	19.298

STORM SYSTEM										
Pipe Code	Diameter (mm)	Gradient (1:)	Pipe Type	Pipe Length	Upstream Manhole			Downstream Manhole		
					Number	Invert	Cover	Number	Invert	Cover
6.000	300	155	CONC	28.182	S21	18.464	20.160	S22 (EXISTING)	18.239	19.771
8.000	225	170	CLAY	34.971	S35	18.150	19.580	S36	17.944	19.492
8.001	300	241	CONC	40.970	S36	17.869	19.492	S37	17.699	19.280
8.002	300	182	CONC	26.230	S37	17.699	19.280	S38	17.555	19.131
8.003	450	392	CONC	13.715	S38	17.405	19.131	S39	17.370	19.179
8.004	675	520	CONC	6.762	S39	17.145	19.179	S30 (EXISTING)	17.132	18.595
9.000	225	106	CLAY	48.044	S41	20.500	22.190	S42	20.045	21.570
9.001	300	37	CONC	11.924	S42	19.970	21.570	S43	19.650	21.365
9.002	300	71	CONC	58.710	S43	19.650	21.365	S44	18.820	20.577
9.003	450	363	CONC	54.157	S44	18.670	20.577	S45	18.521	20.734
9.004	600	448	CONC	62.278	S45	18.371	20.734	S46	18.232	20.032
9.005	600	570	CONC	34.763	S46	18.232	20.032	S47	18.171	20.008
9.006	675	236	CONC	51.003	S47	18.096	20.008	S48	17.880	19.756
9.007	675	84	CONC	62.032	S48	17.880	19.756	S39	17.145	19.179
10.000	225	41	CLAY	15.214	S50	20.093	21.518	S43	19.725	21.365

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Revision:

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**A1**

Client:  
**Harron Homes**

Site:  
**Retford**  
 Phase 3

Title:  
**Foul & SW Water Systems**  
 Manhole & Pipeline Schedules.

Date: Jan 21 Scales: NOT APP Drawing No. M21/1006/1003

1. All work to be in accordance with the current Building Regulations 2. Only written dimensions to be used 3. Discrepancies and abnormalities to be reported 4. If in doubt Ask