

Residual Risks

These drawings should be read in conjunction with the designer's risk assessment (DRA) which communicates significant residual design risks that have been identified and suggests mitigating actions.

General Notes

- All dimensions are in metres unless stated otherwise.
- This drawing shall be read in conjunction with all other relevant engineering details, drawings and specifications.
- Any discrepancies should be reported to the engineer immediately so that clarification can be sought prior to the commencement of work.
- All work is to be carried out in accordance with the specification for highways works and local authority guidance.
- Underground services may be present in the area. Contractor is to confirm the precise line and depth of any services prior to the commencement of any excavation works

Legend

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S1.0	66.250		1 1.000	64.950	100	450	D	D400
E. 388410.903	1.200		0 1.001	64.900	150			
N. 393193.270								
S1.1	66.150		1 2.000	64.780	100	450	D	D400
E. 388412.883	1.270		0 2.001	64.730	150			
N. 393205.735								
S1.2	66.100		1 1.001	64.827	150	2100	B	D400
E. 388411.194	1.388		2 2.001	64.562	150			
N. 393200.533			0 1.002	63.812	900			
S1.3	65.940		1 3.000	64.640	150	450	D	D400
E. 388380.668	1.200		0 3.001	64.590	150			
N. 393207.055								
S1.4	65.825		1 1.002	63.734	900	2100	B	D400
E. 388380.006	1.191		2 3.001	64.484	150			
N. 393201.792			0 1.003	63.734	900			
S1.5	65.770		1 4.000	64.554	100	450	D	D400
E. 388361.692	1.116		0 4.001	64.504	150			
N. 393197.018								

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S1.6	65.700		1 1.003	63.895	900	2100	B	D400
E. 388366.630	1.105		2 4.001	64.445	150			
N. 393193.754			0 1.004	63.695	900			
S1.7	65.730		1 5.000	64.528	150	450	D	D400
E. 388357.324	1.102		0 5.001	64.478	150			
N. 393187.278								
S1.8	65.600		1 1.004	63.662	900	2100	B	D400
E. 388360.974	1.038		2 5.001	64.412	150			
N. 393181.743			0 1.005	63.662	900			
S1.9	65.700		1 6.000	64.498	150	450	D	D400
E. 388368.483	1.102		0 6.001	64.448	150			
N. 393174.030								
S1.10	65.570		1 7.000	64.486	150	450	D	D400
E. 388361.208	0.984		0 7.001	64.436	150			
N. 393163.024								
S1.11	65.500		1 6.001	64.376	150	2100	B	D400
E. 388364.519	0.974		2 1.005	63.626	900			
N. 393168.032			3 7.001	64.376	150			
			0 1.006	63.626	900			

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S1.12	66.300		1 8.000	64.502	100	450	D	D400
E. 388445.789	1.698		0 8.001	64.452	150			
N. 393182.050								
S1.13	66.200		1 8.001	64.350	150	2100	B	D400
E. 388436.217	1.700		0 8.002	63.600	900			
N. 393178.489								
S1.14	66.220		1 9.000	64.920	100	450	D	D400
E. 388429.772	1.200		0 9.001	64.870	150			
N. 393165.893								
S1.15	66.000		1 8.002	63.561	900	2100	B	D400
E. 388433.785	1.539		2 9.001	64.311	150			
N. 393163.241			0 8.003	63.561	900			
S1.16	65.850		1 10.000	64.470	100	450	D	D400
E. 388413.045	1.280		0 10.001	64.420	150			
N. 393143.767								
S1.17	66.000		1 11.000	64.700	150	450	D	D400
E. 388421.685	1.150		0 11.001	64.700	150			
N. 393130.207								

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S1.18	65.800		1 11.001	64.275	150	2400	B	D400
E. 388414.896	1.425		2 8.003	63.475	900			
N. 393134.696			3 10.001	64.225	150			
			4 1.006	63.475	900			
			0 1.007	63.475	900			
S1.19	65.850					450	D	D400
E. 388427.091	1.317		0 12.001	64.383	150			
N. 393094.743								
S1.20	65.950		1 13.000	64.650	100	450	D	D400
E. 388433.678	1.200		0 13.001	64.600	150			
N. 393104.855								
S1.21	65.850		1 12.001	64.308	150	2100	B	D400
E. 388431.258	1.442		2 13.001	64.258	150			
N. 393100.961			0 12.002	63.508	900			
S1.22	65.650		1 12.002	63.427	900	2100	B	D400
E. 388404.354	1.323		2 1.007	63.427	900			
N. 393118.764			0 1.008	63.427	900			
S1.23	65.650		1 14.000	64.350	100	450	D	D400
E. 388392.226	1.200		0 14.001	64.300	150			
N. 393120.243								

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S1.24	65.300		1 1.008	63.398	900	2100	B	D400
E. 388393.130	1.002		2 14.001	64.148	150			
N. 393116.232			0 1.009	63.398	900			
S1.25	65.500		1 15.000	64.005	375	1500	C	D400
E. 388384.274	1.120		0 15.001	64.005	375			
N. 393116.539								
S1.26	65.300		1 1.009	63.376	900	2100	B	D400
E. 388385.965	1.024		2 15.001	63.901	375			
N. 393111.076			0 1.010	63.376	900			
S1.27	65.250		1 16.000	64.255	100	450	D	D400
E. 388372.678	0.895		0 16.001	64.205	150			
N. 393105.274								
S1.28	65.100		1 1.010	63.344	900	2100	B	D400
E. 388378.964	1.606		2 16.001	64.094	150			
N. 393100.486			0 1.011	63.344	150			

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Rev	Date	Description	Drw	Chk	Rev'd	App

Status:

Preliminary

Client:

Towerhouse Systems

Project:

Cringle Road
Manchester

Drawing:

S104 Manhole Schedules
Surface Water

Drawing Number:	Revision:
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