
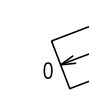

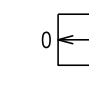





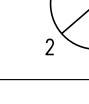
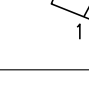







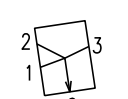
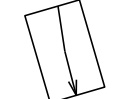
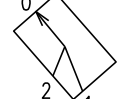
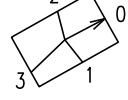
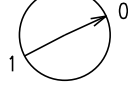
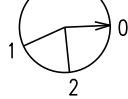
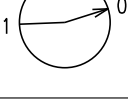
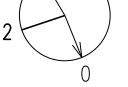


Manhole Schedule (Surface Water – Section 104)

Manhole Reference	Eastings & Northing	Cover Level	Connects	Inverts	Pipe Dia.	Soffit Depth (m)	Manhole Size	Manhole Type	Cover Type	
S01	Eastings: 523826.185 Northing: 340017.151	4.110		1	3.035	150	ALL 0.925	750x1200	PCC Type D (AW)	D400 600x600
				0	2.885	300				
S02	Eastings: 523814.928 Northing: 340012.857	4.060		1	2.835	300	ALL 0.925	750x1200	PCC Type D (AW)	D400 600x600
				2	2.985	150				
S03	Eastings: 523805.634 Northing: 340011.145	4.015		1	2.795	300	ALL 0.920	750x1200	PCC Type D (AW)	D400 600x600
				0	2.795	300				
S04	Eastings: 523796.447 Northing: 340011.145	3.975		1	2.755	300	ALL 0.920	750x1200	PCC Type D (AW)	D400 600x600
				2	2.905	150				
S05	Eastings: 523781.247 Northing: 340008.959	3.920		1	2.690	300	ALL 0.930	750x1200	PCC Type D (AW)	D400 600x600
				2	2.840	150				
S06	Eastings: 523775.422 Northing: 340006.878	3.895		1	2.815	150	ALL 0.930	750x1200	PCC Type D (AW)	D400 600x600
				0	2.665	300				
S07	Eastings: 523746.726 Northing: 339968.316	4.135		1	2.810	150	ALL 1.175	1350ø	PCC Type C (AW)	D400 685x1220
				2	2.810	150				
S08	Eastings: 523736.140 Northing: 339982.875	3.840		1	2.585	300	ALL 0.955	1350ø	PCC Type C (AW)	D400 685x1220
				2	2.735	150				
S09	Eastings: 523740.639 Northing: 339991.355	3.650		1	2.545	300	ALL 0.805	750x1200	PCC Type D (AW)	D400 600x600
				0	2.545	300				
S10	Eastings: 523745.787 Northing: 339991.581	3.755		1	2.515	300	ALL 0.940	750x1200	PCC Type D (AW)	D400 600x600
				2	2.515	300				
S11	Eastings: 523736.372 Northing: 340001.181	3.880		1	2.645	225	ALL 1.010	750x1200	PCC Type D (AW)	D400 600x600
				0	2.570	300				
S12	Eastings: 523736.994 Northing: 339995.880	3.810		1	2.525	300	ALL 0.985	750x1200	PCC Type D (AW)	D400 600x600
				2	2.675	150				
S13	Eastings: 523740.992 Northing: 339993.947	3.700		1	2.490	300	0.910	2100ø	PCC See Detail (AW)	D400 600x600 600x900
				2	2.490	300				
S14	Eastings: 523730.336 Northing: 339983.564	3.880		1	2.390	150	ALL 1.340	1350ø	PCC Type C (AW)	D400 685x1220
				0	2.390	150				
S15	Eastings: 523719.420 Northing: 339980.842	3.800		1	2.315	150	ALL 1.335	1350ø	PCC Type C (AW)	D400 685x1220
				0	2.315	150				
S16	Eastings: 523704.757 Northing: 339973.086	3.700		1	2.205	150	ALL 1.345	1350ø	PCC Type C (AW)	D400 685x1220
				0	2.205	150				
S17	Eastings: 523693.652 Northing: 339956.453	3.600		1	2.070	150	ALL 1.380	1350ø	PCC Type C (AW)	D400 685x1220
				0	2.070	150				
HW03	Eastings: 523691.292 Northing: 339957.279	3.600		0	2.050	150	ALL 1.400	Althon SFA6 A Headwall With 500x500 Toe & Non-Return Flap Valve	Setting Out Co-Ordinates Relate To Pipe Penetration Through Headwall	

Manhole Schedule (Foul Water – Section 104)

Manhole Reference	Easting & Northing	Cover Level	Connects	Inverts	Pipe Dia.	Soffit Depth (m)	Manhole Size	Manhole Type	Cover Type		
F01	Easting: 523731.057 Northing: 340016.019	4.250		1	3.480	100	ALL 0.670	450x600	PCC Type E (AW)	D400 450x600	
				2	3.480	100					
				3	3.480	100					
				0	3.480	100					
F02	Easting: 523733.540 Northing: 339999.403	3.950		1	3.270	100	ALL 0.580	750x1200	PCC Type C (AW)	D400 675x1200	
				0	3.270	100					
F03	Easting: 523748.995 Northing: 339968.707	4.110		1	3.260	100	ALL 0.750	750x1200	PCC Type C (AW)	D400 675x1200	
				2	3.260	100					
				0	3.260	100					
F04	Easting: 523738.050 Northing: 339981.977	3.840		1	3.045	100	ALL 0.695	750x1200	PCC Type C (AW)	D400 675x1200	
				2	3.045	100					
				3	3.045	100					
				0	2.995	150					
F05	Easting: 523771.280 Northing: 339999.355	4.005		1	2.745	150	ALL 1.110	1350ø	PCC Type C (AW)	D400 685x1220	
				0	2.745	150					
F06	Easting: 523789.863 Northing: 340007.813	4.035		1	2.605	150	ALL 1.280	1350ø	PCC Type C (AW)	D400 685x1220	
				2	2.655	100					
				0	2.605	150					
F07	Easting: 523811.344 Northing: 340008.706	4.135		1	2.460	150	ALL 1.525	1200ø	PCC Type B (AW)	D400 600x600	
				0	2.460	150					
Ex. MH Ref: 6001	Existing Chamber	4.70		1	2.060	175	2.465	Existing Chamber			
				2	2.085	150	2.465				
				0	2.060	175	2.465				



All Private Connections To Adoptable Drainage To Be A Minimum Of 100mm Diameter, Clay And Laid Soffit–Soffit. Please Refer To Plot Drainage Drawings To Confirm Diameters And Gradients.

FOR CHAMBER CONSTRUCTION DETAILS PLEASE REFER TO SRC DRAWING 11221/22 & 23

CDM (Construction Design and Management Regulations 2015):

- If you do not fully understand the risks involved during the construction of the items indicatd on this drawing ask your manager, health & safety advisor or a member of the design team before proceeding.
- Existing services may exist on-site. The contractor shall liaise with all relevant service companies and arrange for all services to be located, marked and protected.
- Drainage works may involve deep excavations and/or heavy plant/materials. The contractor shall read and understand the Ground Investigation Report and be aware of and potential variations in soil conditions over the site.
- The potential for danger to the general public and site personnel exists from works in the public highway. The contractor shall liaise with the highway authority (Lincolnshire County Council) and ensure safe method of working is maintained at all times.
- Existing drainage pipes may be asbestos cement or fibre reinforced pipes, or concrete pipes containing asbestos fibre. Contractor to ensure competent staff adequately trained are engaged in the works, and disposal of any affected material is undertaken in line with current legislation and good practice guidelines.
- The contractor is to be aware that overhead cables may cross the site.
- The contractor is to be aware that works may involve working adjacent to or in existing watercourses.
- Works may involve working in close proximity to an existing water main. The contractor is to ensure that this is fully located and protected during the works.

- The specification in all respects shall be in accordance with the Lincolnshire County Council Development Road and Sustainable Drainage Specification and Construction.
- Within the catchment of traditional drainage design, the minimum longitudinal fall for highways, without channel blocks shall be 1 in 150, and with channel blocks 1 in 250.

See Clause 10.1 of the Development road and Sustainable Drainage Specification and Construction. In addition, ensure that the first section of any side road falls away from the road to which it is connecting. If general topography requires it to rise, this change of direction should take place after the first set of gullies. This is to ensure a 'false channel' with associated drainage problems is not created in the bellmouth of junctions.
- General deterioration of the existing highway/footway/verges created through construction of the new Section 38 Development will be reinstated to the current Development Road and Sustainable Drainage Specification and Construction at the developers' own cost at the agreement of the inspecting Development Management Officer.
- No Private surface water shall discharge onto the adoptable highway.
- No private, structural features shall overhang the adoptable highway.
- No private retaining walls exceeding 1.37m shall be within 3.66m of the highway boundary.

Rev	Date	Remarks
A	11.02.22	Drawing Updated To Suit LCC & AWS Comments.
Status		
FOR INFORMATION		
Project		
Residential Development off South Street, Swineshead, Boston, Lincs. For SL Developments		
Title		
Section 104 Proposed Foul & Surface Water Manhole Schedules		
Date	Nov. '21	Scale
Drawn	MP	Checked
Design	SRC	File Name
DRG No. 11221/21		Rev
		A