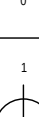
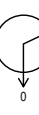
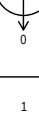


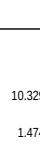
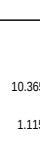
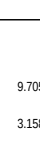
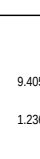
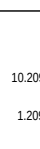
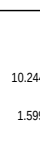
Sheet 1 of 4

Manhole Number Coordinates	Cover Level Depth To Invert	Connections	Pipe			Manhole Size	Types	
			Cable	Inverts	Dams		Manhole	Cover
F1	10.208		1					
E. 311068.184	1.300	0	1.000	9.989	100	450	TYPE 4	8125
N. 1871241.402		0						
F2	10.378		1					
E. 311064.367	1.028	0	2.000	9.350	100	450	TYPE 4	8125
N. 1871801.119		0	2.000	9.350	100			
F3	10.337		1					
E. 311067.002	1.440	2	1.000	8.897	100	450	TYPE 4	8125
N. 1871801.529		0	1.001	8.897	100			
F4	10.115		1					
E. 312008.382	0.615	0	3.000	9.320	100	450	TYPE 4	8125
N. 1872213.748		0						
F5	10.140		1					
E. 311060.678	1.857	0	3.001	8.263	100	450	TYPE 3	8125
N. 1872050.582		0						
F6	10.242		1					
E. 311017.838	0.882	0	4.000	9.350	100	450	TYPE 3	8125
N. 1871254.088		0						
F7	10.482		1					
E. 311045.764	0.982	0	5.000	9.500	100	450	TYPE 4	8125
N. 187174.961		0						
F8	10.441		1					
E. 311039.328	1.541	2	5.000	8.900	100	450	TYPE 3	8125
N. 187170.310		0	4.993	8.900	100			
F9	10.170		1					
E. 311075.307	1.300	0	6.000	8.870	100	450	4	8125
N. 1871124.975		0						
F10	10.305		1					
E. 311029.257	0.750	0	7.000	9.555	100	450	TYPE 3	8125
N. 1871462.179		0						
F11	10.406		1					
E. 311044.258	1.105	0	7.001	9.301	100	450	TYPE 3	8125
N. 1871264.031		0	7.001	9.301	100			
F12	10.430		1					
E. 311043.182	2.238	2	4.001	8.250	100	1200	TYPE 3	D400
N. 187184.480		0	4.002	8.250	100			
F13	10.221		1					
E. 311082.433	1.221	0	8.000	9.000	100	450	TYPE 4	8125
N. 187202.017		0						
F14	10.230		1					
E. 311074.287	1.268	0	8.001	8.872	100	450	TYPE 4	8125
N. 187186.993		0	8.001	8.872	100			
F15	10.248		1					
E. 311071.408	2.288	2	3.001	7.962	100	1200	TYPE 3	D400
N. 187184.418		0	1.002	7.969	150			
F16	10.137		1					
E. 312011.478	2.643	0	1.000	7.554	150	1200	TYPE 3	D400
N. 187138.614		0	1.000	7.554	150			
F17	10.338		1					
E. 311843.591	0.750	0	9.000	9.580	100	450	TYPE 3	8125
N. 187121.487		0						
F18	10.331		1					
E. 311063.624	1.187	0	9.001	9.148	100	450	TYPE 3	8125
N. 187084.870		0						
F19	10.320		1					
E. 311079.438	1.375	0	9.002	8.820	100	450	TYPE 3	8125
N. 187078.798		0						
F20	10.379		1					
E. 311996.619	1.842	0	9.003	8.537	100	450	TYPE 3	8125
N. 187080.296		0						
F21	10.273		1					
E. 312000.343	0.750	0	10.000	9.523	100	450	TYPE 3	8125
N. 187018.711		0						

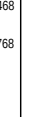
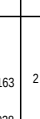
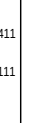
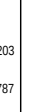
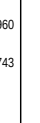
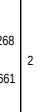
Sheet 2 of 4

Manhole Number	Cover Level	Depth to Invert	Connections	Pipe			Manhole Size	Type	
				Code	Inverts	Diams		Manhole	Cover
F22				1	10.000	9.136	100		
E. 33203.013	10.295	1							
N. 337041.988	1.158	0		0	10.001	9.136	100	450	TYPE 1 BL15
F23				1	10.001	8.797	100		
E. 33198.989	10.143	1							
N. 337052.405	1.346	0		0	10.002	8.797	100	450	TYPE 1 BL15
F24									
E. 33208.350	10.308								
N. 337034.410	0.748	0		0	11.000	9.550	100	450	TYPE 4 BL15
F25				1	10.002	8.835	100		
E. 33203.007	10.308	2		1	11.000	8.835	100		
N. 337025.484	1.873	0		0	10.003	8.835	100	450	TYPE 2 BL15
F26				1	10.003	8.578	100		
E. 33198.847	10.137	1							
N. 337034.773	1.549	0		0	10.004	8.578	100	450	TYPE 1 BL15
F27				1	10.004	8.396	100		
E. 33207.425	10.222	2		2	10.004	8.396	100		
N. 337058.812	1.875	0		0	9.004	8.346	150	1200	TYPE 2 DA00
F28									
E. 33188.448	10.406								
N. 337188.938	1.256	0		0	12.000	9.150	100	450	TYPE 1 BL15
F29				1	12.000	8.800	100		
E. 33197.122	10.406	1							
N. 337135.900	1.856	0		0	12.001	8.850	150	450	TYPE 1 BL15
F30				1	12.001	8.075	150		
E. 33202.589	10.268	1							
N. 337125.325	2.103	0		0	12.002	8.075	150	450	TYPE 1 BL15
F31				1	12.002	8.051	150		
E. 33202.819	10.213	1							
N. 337128.839	2.143	0		0	12.003	8.051	150	450	TYPE 1 BL15
F32									
E. 33202.391	10.286								
N. 337085.022	1.158	0		0	13.000	9.150	100	450	TYPE 4 BL15
F33				1	13.000	8.932	100		
E. 33204.103	10.241	1							
N. 337096.061	1.309	0		0	13.001	8.932	100	450	TYPE 4 BL15
F34				1	13.001	7.998	150		
E. 33203.981	10.022	2		2	13.001	7.998	150		
N. 337138.159	2.024	0		0	9.005	7.998	150	1200	TYPE 2 DA00
F35				1	1.003	7.315	150		
E. 33204.501	9.982	2		2	9.005	7.315	150		
N. 337128.147	2.048	0		0	1.004	7.315	150	1200	TYPE 2 DA00
F36				1	1.004	6.923	150		
E. 33207.440	10.074	1							
N. 337064.379	3.150	0		0	1.005	6.923	150	1200	TYPE 1 DA00
F37									
E. 33206.540	10.484								
N. 337025.447	0.749	0		0	14.000	9.725	100	450	TYPE 1 BL15
F38				1	14.000	9.450	100		
E. 33202.164	10.510	1							
N. 337031.513	1.803	0		0	14.001	8.907	100	450	TYPE 1 BL15
F39									
E. 33204.896	10.105								
N. 337046.766	1.300	0		0	15.000	8.800	100	450	TYPE 4 DA00
F40									
E. 33262.283	10.166								
N. 336986.239	0.765	0		0	16.000	9.800	100	450	TYPE 4 BL15
F41				1	16.000	9.260	100		
E. 33270.741	10.168	1							
N. 336995.282	0.909	0		0	16.001	9.260	100	450	TYPE 4 BL15
F42				1	16.001	9.158	100		
E. 33267.609	10.203	1							
N. 336996.997	1.005	0		0	16.002	9.198	100	450	TYPE 4 BL15

Sheet 3 of 4

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Type		
			Code	Inverts	Diams		Manhole	Cover	
F43	10.453								
E. 32020.134	1.303								
N. 186997.350			0	17.000	9.150	100	450	TYPE 3	B125
F44	10.316		1	17.000	9.925	100			
E. 32091.789	1.182								
N. 187103.885			0	17.001	9.925	100	450	TYPE 3	B125
F45	10.029		1	18.002	8.895	100			
E. 33077.646	1.414		2	17.003	8.895	100	450	TYPE 3	B125
N. 187107.203			0	18.003	8.895	100			
F46	10.278		1	15.000	8.296	100			
E. 33023.945	2.024		1	14.932	8.296	100			
N. 187113.019			3	16.003	8.296	100	1200	TYPE 2	D400
F47	10.217		1	18.000	9.150	100			
E. 32048.811	1.067		0	18.000	9.150	100	450	TYPE 3	B125
N. 187105.515									
F48	10.306		1	18.000	9.899	100			
E. 32073.032	1.038		0	18.001	9.899	100	450	TYPE 3	B125
N. 187146.134			0	18.001	9.899	100			
F49	10.170		1	18.001	8.397	100			
E. 33087.217	1.783		0	18.002	8.397	100	450	TYPE 3	B125
N. 187109.452									
F50	9.995		1	1.000	6.697	150			
E. 33008.343	3.244		2	18.002	6.707	100	1200	TYPE 1	D400
N. 187103.858			3	14.002	6.627	100			
F51	10.385		0	1.008	6.697	150			
E. 32104.699	1.115						450	TYPE 3	B125
N. 187122.402			0	18.000	9.250	100			
F52	10.095		0	20.000	8.870	100	450	TYPE 3	B125
E. 332129.884	1.225								
N. 187110.491									
F53	10.228		1	19.000	8.832	100			
E. 33218.022	1.597		2	20.000	8.832	100	450	TYPE 3	B125
N. 187103.724			0	19.001	8.832	100			
F54	9.705		1	1.008	6.547	150			
E. 33210.740	3.158		2	19.001	6.597	100	1200	TYPE 1	D400
N. 187144.455			0	1.007	6.547	150			
F55-Ex.	9.620		1	1.007	6.590	150	EXISTING	EXISTING	EXISTING
E. 33216.015	3.129								
N. 187149.243			0	1.008	6.500	150			
F56	9.387		0	21.000	6.640	100	450	TYPE 3	B125
E. 33246.254	0.757								
N. 187100.726									
F57	9.445		1	21.000	6.199	100	450	TYPE 3	B125
E. 33241.488	1.238								
N. 187068.999			0	21.001	6.199	100			
F58	9.641		1	21.001	7.702	100	450	TYPE 3	B125
E. 33237.914	1.042								
N. 187195.929			0	21.002	7.702	100			
F59-Ex.	9.575		1	1.008	6.296	150	EXISTING	EXISTING	EXISTING
E. 33232.259	5.175		2	21.002	6.371	100			
N. 187161.829			0	1.009	4.400	150			
F60	10.208		1	22.002	8.646	100	450	TYPE 3	B125
E. 33206.118	1.208								
N. 186963.815			0	22.000	9.300	100			
F61	10.206		1	22.000	8.774	100	450	TYPE 3	B125
E. 33209.905	1.432								
N. 186914.905			0	22.001	8.774	100			
F62	10.074		1	22.001	8.703	100	450	TYPE 3	B125
E. 33213.722	1.571								
N. 186970.742			0	22.002	8.703	100			
F63	10.244		1	22.002	8.646	100	1200	TYPE 2	D400
E. 33217.730	1.598								
N. 186984.992			0	22.003	8.646	100			

Sheet 4 of 4

Manhole Number Coordinates	Crew Level Depth To Invert	Connections	Pipe			Manhole Size	Types		
			Code	Inverts	Diams		Manhole	Cover	
F64	10.468 E. 33213.452 N. 188954.150					450	TYPE 3	B125	
F65	10.377 E. 33213.544 N. 188954.200		1 0	23.000 23.003	9.790 9.479	100	450	TYPE 3 B125	
F66	10.125 E. 33213.745 N. 188644.332		1 0	23.001 23.002	9.411 9.411	100	450	TYPE 3 B125	
F67	10.103 E. 33213.267 N. 188953.170		2 1 0	23.002 22.954	9.125 9.125	100	1200	TYPE 2 D400	
F68	10.411 E. 332136.274 N. 188958.056			24.000 24.000	9.360 9.910	100	450	TYPE 3 B125	
F69	10.292 E. 332130.383 N. 188914.676		1 0	24.000 24.001	9.910 9.910	100	450	TYPE 2 B125	
F70	10.122 E. 332178.244 N. 187009.849			25.000 25.000	9.025 9.025	100	450	TYPE 3 B125	
F71	10.206 E. 332139.678 N. 188994.379		1 2 2 0	25.000 24.001 24.002	8.513 9.013 9.421	100 100 150	450	TYPE 3 B125	
F72	10.203 E. 332163.834 N. 188995.530		1 0	24.002 24.003	9.421 9.416	100	450	TYPE 3 B125	
F73	9.975 E. 332189.862 N. 188640.432			26.000 26.000	8.700 8.700	100	450	TYPE 3 B125	
F74	9.988 E. 332127.540 N. 188943.357			27.000 27.000	9.692 9.692	100	450	TYPE 3 B125	
F75	9.972 E. 332234.308 N. 188949.058		1 0	27.000 27.001	9.590 9.590	100	450	TYPE 3 B125	
F76	9.978 E. 332234.305 N. 188900.951		1 2 0	26.000 26.001	9.290 9.290	100	450	TYPE 3 B125	
F77	9.985 E. 33218.885 N. 188964.707		1 0	26.001 26.002	9.218 9.218	100	450	TYPE 3 B125	
F78	9.421 E. 33218.940 N. 188995.523		1 0	26.002 26.003	9.146 9.096	150	450	TYPE 3 B125	
F79	9.413 E. 332195.989 N. 188994.193		1 0	26.003 26.004	7.817 7.817	150	450	TYPE 3 B125	
F80	10.368 E. 332131.524 N. 188957.044			28.000 28.000	6.968 7.657	100	450	TYPE 3 B125	
F81	10.286 E. 332174.296 N. 186879.132		1 2 1 0	28.000 28.004	7.657 7.607	100	450	TYPE 3 B125	
F82	10.215 E. 332170.030 N. 188881.174		1 0	26.005 26.006	7.523 7.323	150	450	TYPE 3 B125	
F83	10.152 E. 332198.309 N. 188995.074		2 1 0	22.004 22.005	7.471 7.471	150	1200	TYPE 2 D400	
F84-Ex.	9.250 E. 332183.116 N. 187004.048		1 0	22.005 22.006	7.245 4.550	150	EXISTING	EXISTING EXISTING	

GENERAL NOTES

2. Do Not Scale
3. The contractor is to check and verify all buildings and site dimensions and levels, including sewer invert levels, before works start on site. The contractor is to comply in all aspects with the current building legislation, British Standards, building regulations etc.
4. Positions of existing services/utility undergrounders apparatus adjacent to or crossing proposed excavations are to be checked by the contractor prior to starting work.
5. The drawing is to be read in conjunction with and checked against all other documents, Engineering Details, Specification and any structural, geotechnical or other specialist document provided.
6. Any anomaly or contradiction between any of the above is to be reported to Engineer.
7. This drawing is schematic for clarity only, positions of pipe runs and manholes may vary on site due to site conditions.

DRAINAGE NOTES

1. This drawing is to be read in conjunction with all other relevant project drawings and specifications.
2. All levels are in metres above Ordnance Datum based on the topographical survey drawing supplied by the client.
3. All existing drainage levels and outfall points shall be surveyed and verified by the contractor prior to the commencement of the works.
4. Any discrepancies shall be reported to the engineer immediately.
5. Pipework under adoptable highway with less than 1.2m cover, and other trafficked areas with less than 0.8m cover to receive concrete encasement. Compressible fibreboard (18mm thick) to be placed at pipe joints at least the width of the concrete surround.
6. Large radius bends to be used at the foot of vertical discharge pipes/sps.
7. Rodding eyes (re) are to be used at the head of runs, where appropriate.
8. Manhole covers should not bridge different surfaces.
9. Where two pipelines (other than plastic pipes) cross with less than 300mm separation pipes are to be surrounded with class 2 concrete surround to not less than 1m centred on the crossing point.
10. Concrete surround to be extended as necessary to within 150mm of nearest flexible joints.
11. All internal foul outlet and rainwater pipe positions are to be confirmed by the Architect.
12. All gully gratings are to be heavy duty.
13. All gully pipe/pipework to be 150mm minimum diameter.
14. All below slab foul drainage to be 100mm diameter laid to a minimum gradient of 1:80.
15. All pipework to be clay or PVCu with flexible joints all fully in compliance with the Building Regulations 2010.
16. All pipework to be laid with soffit to soffit connections unless noted otherwise.
17. All redundant pipework to be removed/grubbed-up to the satisfaction of the Building Control Officer.

DRAINAGE DESIGN & POINT(S) OF PROPOSED
 CONNECTION(S) ARE SUBJECT TO AGREEMENT WITH
 LOCAL PLANNING AUTHORITY & SEWERAGE UNDERTAKE
 SURFACE WATER DRAINAGE SYSTEM HAS BEEN DESIGNED
 TO 1:100YR + 40% CLIMATE CHANGE DESIGN STANDARD
 "A SECTION 106 APPLICATION TO CONNECT MUST BE MADE
 TO DCWW FOR ANY CONNECTION OR COMMUNICATION WITH
 THE PUBLIC SEWER NETWORK. THE DEVELOPER SHALL GIVE
 21 DAYS' NOTICE PRIOR TO CONNECTION, AND THE WORKS
 MAY ONLY BE UNDERTAKEN BY A SSIP ACCREDITED
 CONTRACTOR."

B	26.01.26	Manhole schedules relabelled to Sheets of 4	DRW	TOR
A	25.11.25	Schedules updated to align with updated Drainage GA's Revision B. Amended manholes inspection chambers clouded	DRW	TOR
Rev.	Date	Details	By	Chk.

Client:



Projects

Old Town Dock

Drawing title:

Foul Manhole Schedules

Drawn:	Chk:	Status:	Scale at a1:	
DRW	SJD	PRELIMINARY	NTS	
Date:	Job no.	Org. no.	Rev.	
10.11.25	2579	202	B	