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FOUL WATER MANHOLE SCHEDULE									
Structure Name	Cover Level	Depth	MH DIA	MH Type	Clear Opening	Easting	Northing	Connected Pipes	COMMENTS
F1	43.704	1.791	1200Ø	D400	600x600	384766.433	399748.661	F 1.000 Inv. 41.914 Dia. 225 Slope 1:32 F 6.000 Inv. 41.914 Dia. 225 Slope 1:50	Type B Chamber
F2	43.493	2.274	1200Ø	D400	600x600	384785.194	399737.026	F 1.000 Inv. 41.219 Dia. 225 Slope 1:32 F 1.001 Inv. 41.219 Dia. 225 Slope 1:75	Type B Chamber
F3	43.877	2.867	1200Ø	D400	600x600	384782.212	399717.741	F 1.001 Inv. 40.959 Dia. 225 Slope 1:75 F 1.002 Inv. 40.959 Dia. 225 Slope 1:52 F 7.000 Inv. 41.510 Dia. 150 Slope 1:33	Type B Chamber 0.500m Capped Backdrop to avoid utilities crossing
F4	43.044	2.424	1200Ø	D400	600x600	384772.546	399703.079	F 1.002 Inv. 40.620 Dia. 225 Slope 1:52 F 1.003 Inv. 40.620 Dia. 225 Slope 1:99	Type B Chamber
F5	42.302	2.789	1200Ø	D400	600x600	384747.254	399686.378	F 1.003 Inv. 40.313 Dia. 225 Slope 1:99 F 1.004 Inv. 39.481 Dia. 225 Slope 1:48 F 8.000 Inv. 39.556 Dia. 150 Slope 1:32	Type B Chamber 0.832m Backdrop
F6	42.297	3.644	1200Ø	D400	600x600	384719.237	399657.910	F 1.004 Inv. 38.653 Dia. 225 Slope 1:48 F 1.005 Inv. 38.653 Dia. 225 Slope 1:33	Type A Chamber
F7	42.051	4.554	1200Ø	D400	600x600	384690.448	399632.275	F 1.005 Inv. 37.497 Dia. 225 Slope 1:33 F 1.006 Inv. 37.497 Dia. 225 Slope 1:33 F 9.000 Inv. 37.572 Dia. 150 Slope 1:50	Type A Chamber
F8	41.264	4.530	1200Ø	D400	600x600	384669.602	399618.045	F 1.006 Inv. 36.734 Dia. 225 Slope 1:33 F 1.007 Inv. 36.734 Dia. 225 Slope 1:26	Type A Chamber
F9	39.845	4.695	1200Ø	D400	600x600	384649.190	399606.999	F 1.007 Inv. 35.851 Dia. 225 Slope 1:26 F 2.002 Inv. 35.151 Dia. 225 Slope 1:120 F 1.008 Inv. 35.151 Dia. 225 Slope 1:10	Type A Chamber 0.700m Backdrop
F10	36.632	4.454	1200Ø	D400	600x600	384652.558	399592.658	F 1.008 Inv. 33.878 Dia. 225 Slope 1:10 F 1.009 Inv. 32.179 Dia. 225 Slope 1:10	Type A Chamber 1.500m Backdrop
F11	33.287	3.693	1200Ø	D400	600x600	384654.458	399584.218	F 1.009 Inv. 31.313 Dia. 225 Slope 1:10 F 1.010 Inv. 29.594 Dia. 225 Slope 1:10	Type A Chamber 1.719m Backdrop
F12	38.500	1.812	1200Ø	D400	600x600	384573.281	399577.032	F 2.000 Inv. 36.688 Dia. 150 Slope 1:40 F 10.000 Inv. 36.688 Dia. 150 Slope 1:50	Type B Chamber
F13	38.500	2.266	1200Ø	D400	600x600	384589.734	399584.713	F 2.000 Inv. 36.234 Dia. 150 Slope 1:40 F 2.001 Inv. 36.234 Dia. 150 Slope 1:34	Type B Chamber
F14	38.500	3.008	1200Ø	D400	600x600	384610.655	399593.445	F 2.001 Inv. 35.567 Dia. 150 Slope 1:34 F 2.002 Inv. 35.492 Dia. 225 Slope 1:120 F 11.000 Inv. 35.567 Dia. 150 Slope 1:50	Type B Chamber
F15	42.510	2.976	1200Ø	D400	600x600	384417.741	399530.897	F 3.000 Inv. 39.534 Dia. 150 Slope 1:35 F 3.001 Inv. 39.534 Dia. 150 Slope 1:20	Type B Chamber
F16	41.074	4.402	1200Ø	D400	600x600	384424.090	399509.503	F 3.001 Inv. 38.397 Dia. 150 Slope 1:20 F 4.000 Inv. 36.747 Dia. 150 Slope 1:31 F 3.002 Inv. 36.672 Dia. 225 Slope 1:17	Type A Chamber 1.650m Backdrop
F18	37.447	3.392	1200Ø	B125	600x600	384426.108	399490.138	F 3.002 Inv. 35.555 Dia. 225 Slope 1:17 F 3.004 Inv. 34.055 Dia. 225 Slope 1:20	Type A Chamber 1.500m Backdrop
F19	34.859	2.384	1200Ø	B125	600x600	384426.542	399481.186	F 3.004 Inv. 33.607 Dia. 225 Slope 1:20 F 3.005 Inv. 32.475 Dia. 225 Slope 1:20	Type B Chamber 1.132m Backdrop
F20	33.317	2.767	1200Ø	D400	600x600	384425.982	399472.702	F 3.005 Inv. 32.050 Dia. 225 Slope 1:20 F 3.006 Inv. 30.550 Dia. 225 Slope 1:20	Type B Chamber 1.500m Backdrop
F21	31.299	1.521	1350Ø	D400	600x600	384424.965	399457.286	F 3.006 Inv. 29.778 Dia. 225 Slope 1:20 F 3.007 Inv. 29.778 Dia. 225 Slope 1:16	Type C Chamber
F22	40.176	1.681	1200Ø	D400	600x600	384476.442	399520.367	F 4.000 Inv. 38.455 Dia. 150 Slope 1:31 F 12.000 Inv. 38.455 Dia. 150 Slope 1:69	Type B Chamber
F23	30.934	1.694	1350Ø	D400	600x600	384447.221	399451.042	F 5.000 Inv. 29.240 Dia. 225 Slope 1:98 F 5.001 Inv. 29.240 Dia. 225 Slope 1:98	Type C Chamber
F24	30.934	1.871	1200Ø	D400	600x600	384430.091	399448.736	F 5.001 Inv. 29.063 Dia. 225 Slope 1:98 F 5.002 Inv. 29.063 Dia. 225 Slope 1:98	Type B Chamber
F25	30.495	5.450	1200Ø	D400	600x600	384416.195	399447.171	F 3.007 Inv. 28.920 Dia. 225 Slope 1:16 F 5.002 Inv. 28.920 Dia. 225 Slope 1:98	Type A Chamber Approx 3.875m Backdrop to existing sewer

Notes

1. All dimensions are in mm, all levels in mAOD, unless specified otherwise.
2. This drawing should be read with reference to Arup's full WS4 drawings and specifications.
3. Concrete Requirements. Concrete to be in accordance with BS 8500 parts 1 and 2.
- Concrete chemical class - Made ground: AC-3s DC-3
- Natural ground: AC-1s DC-1
- Blinding: GEN 1
- Bases and Surround: GEN 3.
4. Drainage construction materials:
 - Surface Water Drainage pipes - Polyethylene (for pipes over 600mm dia), Polypropylene (for pipes over 300mm dia) and PVC (for pipes under 300mm dia) in accordance with BS13476 to have BSI kitemark status (certified to WIS 4-35-01)
 - Foul Drainage Pipes - Vitrified Clay in accordance with BS EN 295
 - Manholes - Precast Concrete
 - Inspection Chambers - Polypropylene in accordance with BS 7158
5. For the Infrastructure Specification refer to VNIF-ARP-ZZ-YYY-SP-C-0001.
6. Foul drainage runs have been designed to not exceed 75% capacity as stated in the DCG to provide capacity for further future provisions.
7. Foul rates and pipe sizing has been based upon FEC document "Redbank - Incoming Water Flowrates" - dated 12-05-22

P01	17/12/21		DH	RG	RG	—
P02	01/02/22		DH	RG	RG	—
P03	05/04/22	Updated for Costing	DH	DH	RG	—
P04	05/04/22	Updated for costing	DH	DH	RG	—
P05	14/07/22	WS4 Issue to BAM	DH	DH	RG	—
P06	08/08/22	Issued for Technical Approval	ES	DH	RG	—
P07	09/09/22	Issued for S104 Application	ES	DH	RG	—
P08	10/10/22	Full WS4 Issue	ES	DH	RG	—
P09	20/10/22	Issued for Full WS4	ES	DH	RG	—
Rev	Date	Description	By	Chkd	Appd	Auth

ARUP

6th Floor 3 Piccadilly Place
Manchester M1 3BN
Tel +44 161 228 2331 Fax +44 161 228 6879
www.arup.com

Client



Project Title
Victoria North HIF Infrastructure & Enabling Works

Drawing Title
Proposed Foul Water
Drainage Schedules

Scale at A1		N/A		Arup Job No		282022-00	
Role Civil - Drainage							
Suitability S4 - Issued for Construction Approval							
Rev	By	ES	Chkd	DH	Appd	RG	—
	Date	19/10/22	Date	20/10/22	Date	20/10/22	—
Name VNIF - ARP - 00 - YYY - DR - CD - 0017							
Project	Originator	Volume	Location	Type	Role	Number	