

Kennedy Redford Ltd		Page 2
20 Market Street	Ancoats Mobility Hub	
Altrincham	FW DRAINAGE	
WS14 1PF	220513	
Date 24/03/2023	Designed by P.Vicente	
File KRD-Ancoats Hub-SW Network Calculatio...	Checked by R.Brown	
Innovyze	Network 2020.1.3	

Network Design Table for Foul - Unit

Network Results Table

Ancoats Mobility Hub FW DRAINAGE 220513



Designed by P.Vicente

Checked by R.Brown

Network 2020.1.3

Manhole Schedules for Foul - Unit

MH Name	Manhole Easting (m)	Manhole Northing (m)	Intersection Easting (m)	Intersection Northing (m)	Manhole Access	Layout (North)
FWFW4	385195.420	398904.776	385195.420	398904.776	Required	
FWFW5	385195.992	398894.197	385195.992	398894.197	Required	
FWFW6	385179.350	398884.381	385179.350	398884.381	Required	
FWFW7	385160.650	398873.351	385160.650	398873.351	Required	
FWCW	385152.735	398860.334			No Entry	

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PIPELINE SCHEDULES for Foul - Unit

Upstream Manhole

PN	Hyd Sect	Diam (mm)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., L*W (mm)
1.000	o	100	FWFW1	51.367	50.350	0.917	Open Manhole	1200
1.001	o	100	FWFW2	51.361	50.094	1.167	Open Manhole	1200
1.002	o	100	FWFW3	51.299	49.947	1.252	Open Manhole	1200
1.003	o	100	FWFW4	51.321	49.612	1.609	Open Manhole	1200
1.004	o	150	FWFW5	51.374	49.399	1.825	Open Manhole	1200
1.005	o	150	FWFW6	51.383	49.119	2.114	Open Manhole	1200
1.006	o	150	FWFW7	51.379	48.902	2.327	Open Manhole	1200

Downstream Manhole

PN	Length (m)	Slope (1:X)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., L*W (mm)
1.000	15.359	60.0	FWFW2	51.361	50.094	1.167	Open Manhole	1200
1.001	8.802	59.9	FWFW3	51.299	49.947	1.252	Open Manhole	1200
1.002	20.076	59.9	FWFW4	51.321	49.612	1.609	Open Manhole	1200
1.003	10.595	65.0	FWFW5	51.374	49.449	1.825	Open Manhole	1200
1.004	19.321	69.0	FWFW6	51.383	49.119	2.114	Open Manhole	1200
1.005	21.710	100.0	FWFW7	51.379	48.902	2.327	Open Manhole	1200
1.006	15.235	100.2	FWCW	50.970	48.750	2.070	Open Manhole	0

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<u>Setting Out Information - True Coordinates (Foul - Unit)</u> <table><thead><tr><th>PN</th><th>DSMH Dia/Len</th><th>Width</th><th>DS Easting</th><th>DS Northing</th><th>Layout</th></tr><tr><th>Name</th><th>(mm)</th><th>(mm)</th><th>(m)</th><th>(m)</th><th>(North)</th></tr></thead><tbody><tr><td>1.006 FWCW</td><td>0</td><td></td><td>385152.735</td><td>398860.334</td><td></td></tr></tbody></table> <u>Free Flowing Outfall Details for Foul - Unit</u> <table><thead><tr><th>Outfall</th><th>Outfall</th><th>C. Level</th><th>I. Level</th><th>Min</th><th>D,L</th><th>W</th></tr><tr><th>Pipe Number</th><th>Name</th><th>(m)</th><th>(m)</th><th>I. Level</th><th>(mm)</th><th>(mm)</th></tr><tr><th></th><th></th><th></th><th></th><th>(m)</th><th></th><th></th></tr></thead><tbody><tr><td>1.006</td><td>FWCW</td><td>50.970</td><td>48.750</td><td>0.000</td><td>0</td><td>0</td></tr></tbody></table>						PN	DSMH Dia/Len	Width	DS Easting	DS Northing	Layout	Name	(mm)	(mm)	(m)	(m)	(North)	1.006 FWCW	0		385152.735	398860.334		Outfall	Outfall	C. Level	I. Level	Min	D,L	W	Pipe Number	Name	(m)	(m)	I. Level	(mm)	(mm)					(m)			1.006	FWCW	50.970	48.750	0.000	0	0
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