

Manhole schedule- Foul Water													
MH REF	CL (mAOD)	IL (mAOD)	DEPTH TO SOFFIT (m)	DS PIPE DIA (mm)	MH DIA (mm)	MH TYPE	COVER SIZE (mm)	COVER CLASS	COVER TYPE	RECESSED	RESTRICTED ACCESS	BACK DROP	COMMENTS
F1	87.140	86.180	0.810	150	600		450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F2	87.220	86.300	0.820	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F3	87.230	86.290	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F4	87.230	86.290	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F5	87.140	86.190	0.800	150	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F6	87.230	86.290	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F7	87.230	86.290	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F8	87.230	86.290	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F9	87.100	85.710	1.240	150	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	N/A	ACCESS RESTRICTED TO MAX. 350
F10	86.940	86.000	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F11	86.860	85.920	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F12	86.790	85.850	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F13	86.710	85.770	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F14	86.640	85.700	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F15	86.540	85.620	0.820	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F16	86.540	85.620	0.820	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F17	86.140	84.660	1.255	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	N/A	ACCESS RESTRICTED TO MAX. 350
F18	86.260	84.600	1.435	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	BD IL: 85.130	ACCESS RESTRICTED TO MAX. 350
F19	86.190	84.540	1.425	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	BD IL: 85.120	ACCESS RESTRICTED TO MAX. 350
F20	86.190	84.420	1.545	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	BD IL: 85.130	ACCESS RESTRICTED TO MAX. 350
F21	86.190	84.330	1.635	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	BD IL: 85.090	ACCESS RESTRICTED TO MAX. 350
F22	86.190	84.170	1.795	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	BD IL: 85.090	ACCESS RESTRICTED TO MAX. 350
F23	86.190	84.100	1.865	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	BD IL: 85.090	ACCESS RESTRICTED TO MAX. 350
F24A	86.200	84.520	1.530	150	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	N/A	ACCESS RESTRICTED TO MAX. 350
F24	85.150	83.325	1.600	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	BD IL: 84.40	ACCESS RESTRICTED TO MAX. 350
F25	85.750	84.240	1.360	150	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	N/A	ACCESS RESTRICTED TO MAX. 350
F26	85.270	84.050	1.070	150	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	N/A	ACCESS RESTRICTED TO MAX. 350
F27A	85.260	84.030	1.080	150	600	PPIC	450 X450	B125	SINGLE SEALED	LA TO CONFIRM	Y	N/A	ACCESS RESTRICTED TO MAX. 350
F27	85.150	83.940	1.060	150	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	N/A	ACCESS RESTRICTED TO MAX. 350
F28	85.130	83.280	1.625	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	N/A	ACCESS RESTRICTED TO MAX. 350
F29A	85.130	83.255	1.650	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	N/A	ACCESS RESTRICTED TO MAX. 350
F29B	85.130	83.183	1.722	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	BD IL 83.946	ACCESS RESTRICTED TO MAX. 350
F29	85.130	83.155	1.750	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	BD IL 83.946	ACCESS RESTRICTED TO MAX. 350
F30	85.130	83.040	1.865	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	BD IL 83.950	ACCESS RESTRICTED TO MAX. 350
F31	85.130	82.940	1.965	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	BD IL 83.910	ACCESS RESTRICTED TO MAX. 350
F32	85.030	82.830	1.975	225	1200	TYPE 2	600 X 600	D400	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F33	88.230	87.290	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F34	88.200	87.240	0.810	150	600	PPIC	450 X 450	D400	SINGLE SEALED	N/A	N	N/A	N/A
F35	88.160	87.210	0.850	100	450	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F36	88.160	87.210	0.850	100	450	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F37	88.080	87.140	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F38	88.080	87.140	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F39	87.970	86.860	0.960	150	1500	TYPE 2	1200 X 675	D400	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F40	88.010	87.090	0.820	100	450	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F41	87.940	87.010	0.830	100	450	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F42	87.940	87.010	0.830	100	450	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F43	87.940	86.940	0.900	100	450	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F44	87.860	86.940	0.820	100	450	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F45	87.560	86.620	0.840	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F46	87.450	86.560	0.740	150	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F47	87.560	87.450	0.010	100	400	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F48	87.560	86.620	0.840	100	400	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F49	87.560	86.620	0.840	100	400	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F50	87.480	86.320	1.010	150	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F51	87.750	86.140	1.460	150	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	N/A	ACCESS RESTRICTED TO MAX. 350
F52	87.750	86.820	0.780	150	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F53	87.750	86.760	0.840	150	600	PPIC	450 X 450	B125	SINGLE SEALED	N/A	N	N/A	N/A
F54	87.750	86.090	1.435	225	600	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	Y	N/A	ACCESS RESTRICTED TO MAX. 350
F55	88.210	87.210	0.900	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F56	88.210	87.290	0.820	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F57	89.090	88.140	0.850	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F58	88.950	88.100	0.700	150	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F59	89.090	88.060	0.930	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F60	88.790	87.840	0.850	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F61	88.790	87.770	0.920	100	450	PPIC	450 X 450	B125	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A
F62	88.220	85.720	2.275	225	1200	TYPE 2	600 X 600	D400	SINGLE SEALED	LA TO CONFIRM	N	BD IL: 86.50	N/A
F63	88.220	85.480	2.515	225	1200	TYPE 2	600 X 600	D400	SINGLE SEALED	LA TO CONFIRM	N	N/A	N/A

- GENERAL NOTES:
1.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2.

ALL ADOPTABLE DRAINAGE WORKS INCLUDING WORKS TO EXISTING PUBLIC SEWERS TO BE UNDERTAKEN IN ACCORDANCE WITH "SEWERS FOR ADOPTION 7th EDITION" AND "CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 7th EDITION" AND CONSTRUCTED TO THE RELEVANT STATUTORY UNDERTAKERS DETAILS.
3.

ALL PRIVATE DRAINAGE WORKS TO BE IN ACCORDANCE WITH CURTINS DRAINAGE SPECIFICATION, "CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 7th EDITION", BS EN 752 2017 DRAIN AND SEWER SYSTEMS OUTSIDE BUILDINGS' AND THE BUILDING REGULATIONS APPROVED 'DOCUMENT H'.
4.

ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
5.

ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
6.

THE CHAMBER SIZE OF MANHOLES WITH MORE THAN ONE CONNECTION MAY NEED TO BE INCREASED TO ACCOMMODATE THE CONNECTIONS AND BENDS.
7.

COVER LEVELS BASED ON LANDSCAPE GENERAL ARRANGEMENTS TPM LANDSCAPE, DRAWING REF 103 & 104, REV A DATED 09.11.20.
8.

COVER LEVELS, GULLY POSITIONS, AND BUILDING LOCATION ARE APPROXIMATE AND SHALL BE CONFIRMED BY ARCHITECT/LANDSCAPE ARCHITECT. CONTRACTOR TO ALLOW FOR ADJUSTMENT TO SUIT AGREED POSITIONS AND FINISHED LEVELS, AND CONFIRM ALL COVER LEVELS ON SITE.
9.

ALL MANHOLE COVERS IN BLOCK/SLAB AND EXTERNAL PAVING AREAS MAY REQUIRE RECESSED COVERS OF THE APPROPRIATE GRADE TO ACCEPT THE LANDSCAPE ARCHITECT'S PAVING PROPOSAL. TBC BY LANDSCAPE ARCHITECT.
10.

THE LANDSCAPE ARCHITECT MAY REQUIRE THE ORIENTATION OF CHAMBER COVERS TO BE CO-ORDINATED WITH THE PAVING PATTERN. THIS WILL BE SUBJECT TO REVIEW WITH THE MANHOLE INTERNAL BENCHING ARRANGEMENT, LANDING AND STEP LOCATION AND IF REQUIRED, SHOULD BE ADVISED TO US AS SOON AS POSSIBLE.
11.

ALL MANHOLE, GULLY AND CHANNEL (ACCESS/OUTLET) COVERS (IRONWORK) SHOULD BE THE FOLLOWING SPECIFICATION:
 - B125 LOAD CLASS IN PEDESTRIAN AREAS
 - D400 LOAD CLASS IN VEHICULAR AREAS.ANY AMBIGUITIES ON DRAWINGS/ACCESS AND MAINTENANCE STRATEGY SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.
13.

ALL SURFACE CHANNEL ACCESS BOXES/OUTLET BOXES IN BLOCK/SLAB AND EXTERNAL PAVING AREAS MAY REQUIRE RECESSED COVERS OF THE APPROPRIATE GRADE TO ACCEPT THE LANDSCAPE ARCHITECT'S PAVING PROPOSAL. TBC BY LANDSCAPE ARCHITECT AND SUBJECT TO AVAILABILITY FROM MANUFACTURER.
14.

ALL SURFACE CHANNELS TO BE OF THE TREADSAFE TYPE, UNLESS OTHERWISE SPECIFIED.
15.

ALL PROPRIETARY PRODUCTS TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS, INSTRUCTIONS AND RECOMMENDATIONS.

P02	IMH F46 UPDATED	11/02/22	CS	CG
P01	STAGE 3 ISSUE	16/11/20	AH	CD
Rev:	Description:	Date:	By:	Chkd:



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Status:STAGE 3 ISSUE

Project:OLDHAM ROAD, NEWTON HEATH

Orig Title:MANHOLE SCHEDULE
FOUL WATER

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	16/11/20	AH	AH	CD

Scale:	NTS						
Project No:	Originator:	Volume:	Level:	Type:	Role:	Category / Number:	Rev:

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