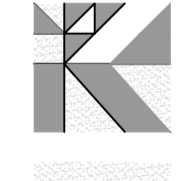


Foul Water Manhole Schedule								
Reference	Chamber Type	Diameter (mm)	Cover Level	Invert Level	Depth to Invert (m)	Depth to Soffit (m)	Nom Pipe Size (mm)	Cover Type
FW01	Type 4	450	36.34	34.05	2.29	2.19	100	D400
FW02	Type 4	450	34.60	33.30	1.3	1.2	100	D400
FW03	Type 2	1200	33.25	31.00	2.25	2.1	150	D400
FW04	Type 2	1200	28.35	26.50	1.85	1.7	150	D400
FW05	Type 2	1200	27.40	25.50	1.9	1.75	150	D400
FW06	Type 2	1200	26.50	24.00	2.5	2.35	150	D400
FW07	Type 2	1200	24.93	23.58	1.35	1.2	150	D400
FW08	Type 2	1200	23.55	21.96	1.59	1.44	150	D400
FW09	Type 4	450	37.60	36.73	0.87	0.77	100	A15
FW10	Type 4	450	37.60	36.60	1	0.9	100	A15
FW11	Type 4	450	36.70	34.90	1.8	1.7	100	B125
FW12	Type 4	450	37.45	36.64	0.81	0.71	100	B125
FW13	Type 4	450	35.35	34.57	0.78	0.68	100	A15
FW14	Type 4	450	35.60	34.44	1.16	1.06	100	B125
FW15	Type 4	300	35.35	34.71	0.64	0.54	100	A15
FW16	Type 4	450	35.60	34.60	1	0.9	100	A15
FW17	Type 4	450	35.35	34.50	0.85	0.75	100	A15
FW18	Type 4	300	37.00	36.42	0.58	0.48	100	A15
FW19	Type 4	450	36.50	35.95	0.55	0.45	100	A15
FW20	Type 4	450	36.50	35.80	0.7	0.6	100	A15
FW21	Type 4	450	34.75	34.03	0.72	0.62	100	A15
FW22	Type 4	450	34.75	33.96	0.79	0.69	100	A15
FW23	Type 4	450	34.75	33.92	0.83	0.73	100	A15
FW24	Type 4	300	32.50	32.00	0.5	0.4	100	A15
FW25	Type 4	450	32.60	31.85	0.75	0.65	100	A15
FW26	Type 4	450	32.60	31.71	0.89	0.79	100	A15
FW27	Type 4	300	32.50	32.00	0.5	0.4	100	A15
FW28	Type 4	450	32.50	31.85	0.65	0.55	100	B125
FW29	Type 4	450	32.60	31.71	0.89	0.79	100	A15
FW30	Type 4	300	31.10	30.58	0.52	0.42	100	A15
FW31	Type 4	450	31.10	30.43	0.67	0.57	100	B125
FW32	Type 4	450	31.20	30.29	0.91	0.81	100	B125
FW33	Type 4	300	31.10	30.58	0.52	0.42	100	B125
FW34	Type 4	450	31.10	30.43	0.67	0.57	100	B125
FW35	Type 4	450	31.20	30.29	0.91	0.81	100	B125
FW36	Type 4	300	29.35	28.87	0.48	0.38	100	A15
FW37	Type 4	450	29.50	28.75	0.75	0.65	100	A15
FW38	Type 4	450	29.63	28.65	0.98	0.88	100	A15
FW39	Type 4	300	28.77	27.32	1.45	1.35	100	A15
FW40	Type 4	450	29.50	28.75	0.75	0.65	100	A15
FW41	Type 4	450	29.63	28.07	1.56	1.46	100	A15
FW42	Type 4	300	29.20	28.47	0.73	0.63	100	A15
FW43	Type 4	450	29.08	28.35	0.73	0.63	100	B125
FW44	Type 4	450	29.10	28.25	0.85	0.75	100	B125
FW45	Type 4	450	29.08	28.17	0.91	0.81	100	D400
FW46	Type 4	450	29.00	27.41	1.59	1.49	100	D400
FW47	Type 4	300	28.77	28.17	0.6	0.5	100	A15
FW48	Type 4	450	28.65	27.63	1.02	0.92	100	B125
FW49	Type 4	450	28.58	27.53	1.05	0.95	100	B125
FW50	Type 4	300	28.22	27.37	0.85	0.75	100	A15
FW51	Type 4	450	28.18	27.26	0.92	0.82	100	B125
FW52	Type 4	450	27.99	27.16	0.83	0.73	100	B125
FW53	Type 4	300	27.76	27.24	0.52	0.42	100	A15
FW54	Type 4	450	27.50	27.00	0.5	0.4	100	A15
FW55	Type 4	450	27.50	26.95	0.55	0.45	100	A15
FW56	Type 4	300	30.05	29.52	0.53	0.43	100	A15
FW57	Type 4	450	30.05	29.37	0.68	0.58	100	A15
FW58	Type 4	450	30.05	29.23	0.82	0.72	100	A15
FW59	Type 4	300	30.05	29.52	0.53	0.43	100	A15
FW60	Type 4	450	30.05	29.37	0.68	0.58	100	A15
FW61	Type 4	450	30.05	29.23	0.82	0.72	100	A15
FW62	Type 4	450	31.40	30.50	0.9	0.8	100	A15
FW63	Type 4	450	31.30	30.43	0.87	0.77	100	A15
FW64	Type 4	450	31.20	30.38	0.82	0.72	100	A15

NOTES

- Do not scale from this drawing. If in doubt ask.
- Dimensions are in millimetres unless noted otherwise.
- These drawings shall be read in conjunction with the Architect's drawings.
- Settling out is to be in accordance with Architect's drawings.
- Underground drainage:-
 - Private foul drains under buildings to first manhole to be 100mm or diameter Hepworth Plastidrain or equivalent PVC-U pipes to BS EN 1401 unless noted otherwise
 - Foul sewers beyond first manhole to be 100 or 150mm diameter Hepworth Supersleve or equivalent VC pipes to BS EN 295-1 with 150mm granular bed & surround as shown on drawing 301817 / 312.
 - All surface water drains to be 100mm diameter Hepworth Plastidrain or equivalent PVC-U pipes to BS EN 1401
- Foul drains to fall at minimum 1:40 & surface water drains to fall at 1:80 unless noted otherwise or where invert levels are not indicated.
- External drains with less than 600 cover (900 in accessway) to have special protection. See bedding details on drawing 309 / 102.
- Drains alongside buildings and below formation level to have concrete bed and surround up to formation level.
- Where drains pass through wall lines, provide precast concrete lintels over (lintel length to be pipe diameter + 50mm clearance either side + min 150mm bearing each end). Clearance around pipe to be filled with a compressible filler.
- All underground drains to be laid with min. 150mm granular bed and surround, unless noted above. See also bedding details on drawing 301817/312.
- For exact locations of svp's, ss's, rwp's, etc. refer to Architect's drawings.
- Redundant drains to be removed or plugged & filled with grout.
- For drainage, bedding & manhole details see vkhp drawing 1301817/312
- All RWP's to discharge into roddable trapped access gullies.

Preliminary

-		Preliminary, issued for comments		24/05/18
Rev	Revision note			Date
				
vkhp-consulting civil and structural				
<small>The Forge, Little Mount Stn., Tunbridge Wells, Kent TN1 1YS Tel 01892 521941 Fax 01892 533149 E.mail tw@vkhp.co.uk</small>				
<small>340 High Street, Dorking, Surrey RH4 1GX Tel 01306 881012 Fax 01306 881190 E.mail dkg@vkhp.co.uk</small>				
<small>Greenfield House, 3 The Square, Storrington, West Sussex RH20 4DJ Tel 01903 740090 E.mail sto@vkhp.co.uk</small>				
Project Hill House Bakers Lane, Chartham Canterbury, CT4 7QB				
Title Drainage Notes & Foul Water Manhole Schedule				
Drn By	Chk By	DRG NO	REV	
<i>mw</i>		301817 / 311	-	
Date	Scale			
May 2018	1:250 @ A1			