	MANH	HOLE SC	HEDULE	– PRIVA	ATE SURF	FACE WA	TER				
REV	MANHOLE	COVER LEVEL	INVERT LEVEL	DEPTH IN METRES	CHAMBER SIZE(mm)	COVER TYPE	REMARKS	EASTING	NORTHING		
C7	S1		OMITTED -	PART OF	STRUCTURE	` '					
Т	S2#	97.400	93.000	4.400	1500ø	A15	PC RING	525312.207	185851.341		
C11	S3*	97.350	94.950	2.400	1200ø	A15	PC RING	525323.424	185869.798		
C11	S3A	97.350	95.000	2.350	600ø	A15	PPIC	525329.863	185866.144		
C6	S4	97.850	95.300	2.550	1200x750	A15	RECT	525361.783	185846.795		
C6	S4A	97.625	95.555	2.070	480ø	A15	DNIC	525367.594	185855.923		
C6	S5	97.650	95.850	1.800	480ø	A15	PPIC	525374.409	185867.587		
A 0.4	S6	07.100	00.150	OMITTED	4804	A 1 E	DDIC	E05794 047	105007 005		
C4	S7 S8	97.100 98.350	96.150 96.750	0.950 1.600	480ø 1200×750	A15 A15	PPIC RECT	525384.043 525340.427	185883.805 185910.253		
C7	S9	97.525	96.730	0.550	480ø	A15	PPIC	525332.937	185898.644		
C5	S10	94.100	91.750	2.350	480ø	A15	DNIC	525284.981	185868.846		
C5	S11	93.950	91.800	2.150	480ø	A15	DNIC	525287.029	185872.225		
C5	S12	93.625	91.850	1.775	480ø	A15	DNIC	525282.794	185874.792		
C5	S13	93.850	92.000	1.850	480ø	A15	DNIC	525290.649	185887.702		
C5	S14	94.150	92.100	2.050	1050ø	A15	PC RING	525300.805	185882.476		
			BD 92.950								
C7	S15	94.000	92.400	1.600	1200×750	A15	RECT	525314.168	185904.207		
C7	S16	93.625	92.500	1.125	480ø	A15	PPIC	525309.364	185908.423		
C7	S17	94.625	92.700	1.925	1200x750	A15	RECT	525316.609	185920.102		
Р	S18			OMITTED	T						
C8	S19#	92.100	89.050 BD 90.350	3.050	1500ø	D400	PC RING	525398.133	185789.545		
C8	S20	91.400	89.775	1.625	600ø	A15	DNIC	525416.024	185817.898		
C4	S21	91.400	89.825	1.575	1200×750	A15	RECT	525411.323	185820.807		
C4	S22	93.900	90.150	3.750	1050ø	A15	PC RING	525417.771	185840.333		
Н	S23			OMITTED							
Н	S24			OMITTED							
Α	S25			OMITTED							
В	S26			OMITTED							
C10	S27	91.800	90.965	0.835	480ø	A15	PPIC	525399.438	185870.803		
C8	S28	92.500	91.100	1.400	480ø	A15	PPIC	525449.671	185842.991		
C10	S28A	92.000	91.600	0.400	480ø	A15	PPIC PPIC		185844.522 185863.670		
C10 C8	S29 S30	91.800	90.865	0.935 1.300	480ø 480ø	A15 A15	DNIC		185790.049		
C8	S31	90.930	89.600	1.275	480¢	A15	DNIC	525422.869	185791.812		
C8	S32	30.073	03.000	OMITTED	1002	7110	BITTO	020122.003	100731.012		
C9	S33	89.125	87.200	1.925	480ø	A15	DNIC	525427.592	185810.631		
C10	S33A	89.125	88.400	0.725	480ø	A15	PPIC	525414.720	185811.748		
C9	S34	87.950	87.200	0.750	480ø	A15	PPIC	525441.077	185832.844		
C8	S34A	86.550	85.650	0.900	480ø	A15	PPIC	525436.723	185851.222		
C9	S35	87.950	86.700	1.250	480ø	A15	DNIC	525434.317	185821.723		
C8	S36			OMITTED							
C6	S37~	92.250	92.250	1.000	480ø	A15	PPIC	525404.165	185816.903		
C8	S37A~	91.550	90.750	0.825	480ø	A15	PPIC	525408.144	185814.387		
L	S38	94.500	93.050	1.450	480ø	A15	DNIC	525383.924	185827.848		
C8	S39		T	OMITTED							
C8	S40	91.800	90.400	1.400	480ø	A15	DNIC	525400.767	185788.672		
F	S41 S42			OMITTED OMITTED							
В	S43			OMITTED							
В	S44			OMITTED							
B B	S45 S46			OMITTED OMITTED							
В	S47			OMITTED							
C4	S48	96.100	94.400	1.700	1200X750	B125	RECT	525392.011	185866.044		
C4	S48A	95.650	94.100	1.550	1200X750	B125	RECT	525373.236	185835.176		
C4	S49	97.700	96.700	1.000	480ø	A15	PPIC	525339.381	185912.214		
C2	S50	94.600	93.600	1.000	480ø	A15	PPIC	525319.287	185924.586		
C6	S51	96.225	95.475	0.750	480ø	A15	PPIC	525394.891	185870.449		
C10	S52	89.125	88.450	0.675	480ø	A15	PPIC	525421.678	185789.063		
C10	S53	91.550	90.750	0.800	480ø	A15	PPIC	525407.972	185812.529		
C10	S54	91.845	91.195	0.650	480ø	A15	PPIC	525410.539	185804.856		
C10	S55	91.650	90.900	0.750	480ø	A15	PPIC	525399.634	185805.363		
C11	S56	98.350	97.550	0.800	480ø	A15	PPIC le Notes	525347.944	185904.795		
-Pipes er	Schedule Notes Manhole Schedule Notes entering/leaving inspection chambers shall have common soffit levels -DNFIC-Deep Non-Fntry Chamber										

Manhole Schedule Notes	Manhole Schedule Notes
Pipes entering/leaving inspection chambers shall have common soffit levels unless otherwise stated. -All A15 grade covers shall be bolt—down type. -All internal manholes shall have bolt—down, double—sealed covers. -PC RING Pre—cast concrete ring -RECT—Pre—cast concrete rectangular -PDIC—Polypropylane Inspection Chambers	-DNEIC-Deep Non-Entry Ch -INT RECT - Internal rectal -INT PC RING - Internal pc # Flow control chamber ~ Manhole cover to be r

	IVI <i>F</i>	AINHULE	20UEDOF	_E — PK	IVAIL FU	JUL WAI	EK		
REV	MANHOLE	COVER LEVEL	INVERT LEVEL	DEPTH IN METRES	CHAMBER SIZE(mm)	COVER TYPE	REMARKS	EASTING	NORTHING
Т	F1	97.400	94.250	3.150	1200ø	A15	PC RING	525314.582	185850.536
Т	F2	97.400	94.550	2.850	1200×750	A15	RECT	525323.630	185865.424
Т	F2A	97.400	94.650	2.750	480ø	A15	DNIC	525330.658	185864.726
Α	F2B			OMITTED					
Α	F2C		I	OMITTED			T		
T	F3	97.700	94.800 BD 96.000	2.900	1200×750	A15	RECT	525344.690	185856.371
C6	F4	97.900	96.200	1.700	480ø	A15	DNIC	525362.205	185845.598
C6	F5	97.625	96.325	1.300	480ø	A15	DNIC	525369.072	185857.240
C6	F6	97.650	96.450	1.200	480ø	A15	PPIC	525374.480	185866.532
C4	F7	97.400	96.850	0.550	480ø	A15	PPIC	525382.977	185880.836
A S	F8 F9	91.050	89.950	OMITTED 1.100	1200×750	B125	INT RECT	525356.531	185883.872
 	F9A	91.050	89.350	1.700	1200x750	B125	INT RECT	525325.503	185880.724
 S	F9B	91.050	89.850	1.200	600×600	B125	INT RECT	525323.767	185884.494
S	F9C	91.050	89.900	1.150	600×600	B125	INT RECT	525325.568	185887.463
S	F9D	91.050	89.975	1.075	600×600	B125	INT RECT	525327.524	185890.690
S	F9E	91.050	89.975	1.075	600×600	B125	INT RECT	525320.194	185878.677
S	F9F	91.050	90.150	0.900	1200x750	B125	INT RECT	525363.333	185879.759
C8	F10	88.180	87.350	0.830	1200×750	B125	INT RECT	525305.313	185881.705
C8	F11	89.730	88.330	1.400	1200×750	A15	INT RECT	525302.524	185877.096
C8	F12	89.730	88.430	1.300	1200×750	A15	INT RECT	525298.826	185870.970
C8	F12A	89.730	88.480	1.250	1200×750	A15	INT RECT	525297.437	185868.676
C8	F12B	89.730	88.680	1.050	1200×750	A15	INT RECT	525303.459	
C7	F13	93.575	88.750 BD1 90.250 BD2 90.250		1050ø	A15	PC RING	525311.272	185909.811
C8	F13A	91.050	88.550	2.500	1050ø	A15	PC RING	525314.718	185898.913
C7	F13B	93.550	92.350	1.200	480ø	A15	PPIC	525312.669	185909.823
Р	F14			OMITTED					
Α	F15			OMITTED					
C8	F16A			OMITTED					
C8 C10	F16B F20B	91.800	91.050	OMITTED 0.750	480ø	A15	PPIC	525395.885	185863.707
C10	F20C	91.800	91.030	0.790	480¢	A15	PPIC	525413.516	185848.631
C10	F20D	91.800	91.010	0.790	480ø	A15	PPIC	525417.181	185845.959
C4	F21	94.775	93.700	1.075	480ø	A15	PPIC	525392.959	
C6	F22	96.100	94.000	2.100	1200×750	B125	RECT	525381.936	185851.770
C6	F23	96.125	94.200	1.925	1200×750	B125	RECT	525390.435	185865.760
C4	F24	95.600	94.200	1.400	1200×750	B125	RECT	525373.344	185837.668
C8	F25			OMITTED					
C8	F25A			OMITTED			I		
C8	F26	88.000	87.000	1.000	1200×750	A15	INT RECT	525422.996	185834.255
A C9	F27 F28	90 125	87.000	OMITTED 2.125	480ø	A15	DNIC	525427.181	185811.568
C9 C9	F28A	89.125 89.125	87.100	2.125	480¢	A15	DNIC	525426.070	185811.750
C9	F28B	89.125	87.150	1.975	480ø	A15	DNIC	525428.961	185809.810
C8	F29	89.085	88.075	1.010	1200×750	A15	INT RECT	525419.721	185805.667
C8	F30	89.085	88.175	0.910	1200×750	A15	INT RECT	525414.229	185796.629
C8	F30A	89.085	88.285	0.800	1200×750	A15	INT RECT	525410.687	185797.568
C10	F32	90.845	90.000	0.845	480ø	A15	PPIC	525386.614	185825.189
K	F33	94.800	90.900	3.900	1050ø	A15	PC RING	525381.684	185828.055
	F34	94.600	93.900	0.700	480ø	A15	PPIC	525320.356	185924.606
C1	1 54	04.000	93.700	0.900	480ø	A15	PPIC	525317.209	185918.212
C1	F34A	94.600					DNIC	525333.914	185916.288
C1	F34A F35	96.550	95.100	1.450	480ø	A15	DDIC	E05470 05:	
C1 C1 C9	F34A F35 F36	96.550 87.975	95.100 87.000	1.450 0.975	480ø	A15	PPIC	525439.034	
C1 C1 C9	F34A F35 F36 F37	96.550 87.975 95.950	95.100 87.000 94.950	1.450 0.975 1.000	480ø 480ø	A15	PPIC	525321.287	185852.157
C1 C1 C9	F34A F35 F36	96.550 87.975 95.950 95.950	95.100 87.000 94.950 94.950	1.450 0.975 1.000 1.000	480ø	A15 A15 A15		525321.287	185852.157
C1 C1 C9 C7	F34A F35 F36 F37 F38	96.550 87.975 95.950	95.100 87.000 94.950	1.450 0.975 1.000	480ø 480ø 480ø	A15	PPIC PPIC	525321.287 525322.203 525334.652	185852.157 185853.648 18587.006
C1 C1 C9 C7 C7	F34A F35 F36 F37 F38 F39	96.550 87.975 95.950 95.950 95.950	95.100 87.000 94.950 94.950 94.900	1.450 0.975 1.000 1.000	480ø 480ø 480ø 480ø	A15 A15 A15 A15	PPIC PPIC PPIC	525321.287 525322.203 525334.652	185852.157 185853.648 18587.006 185855.272
C1 C1 C9 C7 C7	F34A F35 F36 F37 F38 F39 F40	96.550 87.975 95.950 95.950 95.950	95.100 87.000 94.950 94.950 94.900 94.950	1.450 0.975 1.000 1.000 1.000	480ø 480ø 480ø 480ø 480ø	A15 A15 A15 A15 A15	PPIC PPIC PPIC PPIC	525321.287 525322.203 525334.652 525337.468	185852.157 185853.648 18587.006 185855.272
C1 C9 C7 C7 C7 C7	F34A F35 F36 F37 F38 F39 F40 F41	96.550 87.975 95.950 95.950 95.950	95.100 87.000 94.950 94.950 94.900 94.950	1.450 0.975 1.000 1.000 1.000 1.000	480ø 480ø 480ø 480ø 480ø	A15 A15 A15 A15 A15	PPIC PPIC PPIC PPIC	525321.287 525322.203 525334.652 525337.468 525338.858	185852.157 185853.648 18587.006 185855.272 185854.421
C1 C9 C7 C7 C7 T	F34A F35 F36 F37 F38 F39 F40 F41 F42	96.550 87.975 95.950 95.950 95.950 95.950	95.100 87.000 94.950 94.950 94.950 94.950	1.450 0.975 1.000 1.000 1.000 1.000 OMITTED	480¢ 480¢ 480¢ 480¢ 480¢ 480¢	A15 A15 A15 A15 A15 A15	PPIC PPIC PPIC PPIC	525321.287 525322.203 525334.652 525337.468 525338.858 525344.342	185855.272

MANHOLE SCHEDULE - PRIVATE FOUL WATER

MANHOLES F16, F17, F18, F19, F19A, F20, F20A AND F31 HAVE ALL BECOME COMBINED MANHOLES AS OF THE REVISION H ISSUE, THEY HAVE BEEN REMOVED FROM THE FOUL SCHEDULES AND ADDED TO THE COMBINED SCHEDULE WITH THEIR ORIGINAL NUMBER PREFIXED NOW WITH A 'C'.

	MA	NHOLE	SCHEDUL	_E — PR	RIVATE FC	UL WAT	ER (CON	ITINUED)]
REV	MANHOLE	COVER LEVEL	INVERT LEVEL	DEPTH IN METRES	CHAMBER SIZE(mm)	COVER TYPE	REMARKS	EASTING	NORTHING	General Notes 1. Cover levels of manholes and inspection chambers are information only and must not be used for setting out purposes. Covers are to be set flush with the final ca or footway level. Covers of existing manholes and serv
C7	F46	97.750	97.050	0.700	480ø	A15	PPIC		185845.228	chambers that are to be retained shall be adjusted to proposed levels.
C6	F47	96.900	96.200	0.700	480ø	A15	PPIC		185830.742	locations/alignment are to be checked and results rep
C8	F47A	96.700	94.595	2.105	480ø	A15	DNIC		185830.824	-
C6	F48	96.700	96.000	0.700	480ø	A15	PPIC	525351.566	185829.366	
C6	F48A			OMITTED				T		
C6	F49	96.450	95.750	0.700	480ø	A15	PPIC		185826.528	-
C8	F50	94.800	94.100	0.700	480ø	A15	PPIC		185814.371	REPAIR WORKS TO EXISTING DRAINAGE The Contractor shall familiarise himself with the CCTV Surv
C10	F54	90.845	90.000	1.050	480ø	A15	PPIC		185822.552	information provided on behalf of Mount Anvil by Tardis Environmental UK (May 16). This shows the current conditi
	F55	93.900	93.000	0.900	480ø	A15	PPIC	525391.816	185821.616	existing drainage that is to be retained and re—used within proposed development.
G	F56		T	OMITTED				505707.007	105000 5 17	Repair works are required to the following lengths of drain which are located along the site frontage and are shown i
	F57	93.900	93.000	0.900	480ø	A15	PPIC		185820.547	line—type on our Engineering Layout Drawings. Unfortunately replacement of these drains is not an option due to tree—issues.
	F58	93.900	93.000	0.900	480ø	A15	PPIC		185819.638	Drg 201:
G	F59	93.900	93.000	0.900	480ø	A15	PPIC		185818.151	Existing storm water serving Kidderpore House upstream of manhole Ref C4.
C9	F60	87.975	87.225	0.750	480ø	A15	PPIC		185830.012	<u>Drg 202:</u> F47A to EX1
C9	F61	87.975	87.225	0.750	480ø	A15	PPIC		185828.964	EX1 to 300mmø sewer EX2 to EX9 EX9 to 900x600mm sewer
C9	F61A	87.975	87.225	0.750	480ø	A15	PPIC		185827.372	EX3 to EX4 EX8 to 900x600mm sewer
C9	F62	87.975	87.225	0.750	480ø	A15	PPIC		185825.144	Specification:
C9	F63	87.975	87.225	0.750	480ø	A15	PPIC		185823.291	Pipe repairs are to be either cured—in—place (lining) or porcessions and are to be carried out in accordance with Parts The Drain Repair Book Third Edition (WRc — Oct 2011).
C9	F64	87.975	87.225	0.750	480ø	A15	PPIC		185821.669	The Contractor shall advise the Engineer accordingly as to
C9	F65	87.975	87.225	0.750	480ø	A15	PPIC		185818.957	method he proposes using and provide a method statemer accordingly including reference to which method applies at location. Note that patch repairs may not be appropriate of
C9	F65A	87.975	86.875	1.100	480ø	A15	PPIC		185820.136	locations.
C9	F66	87.975	86.800	1.175	480ø	A15	PPIC		185814.833	
C10	F67	89.125	88.400	0.725	480ø	A15	PPIC		185781.378	
C9	F68	89.125	88.400	0.725	480ø	A15	PPIC		185781.318	
C9	F69	89.125	88.275	0.850	480ø	A15	PPIC		185778.525	
C10	F70	94.980	94.205	0.680	480ø	A15	PPIC		185869.211	
C10	F71	94.980	94.300	0.680	480ø	A15	PPIC		185863.407	
C10	F72	94.980	94.300	0.680	480ø	A15	PPIC		185860.302	
C	F73	96.130	94.300	1.830	480ø	A15	DNIC		185855.491	
C	F74	96.120	94.300	1.820	480ø	A15	DNIC		185854.528	
C10	F75	94.980	94.300	0.680	480ø	A15	PPIC		185849.195	AS BUILT DRAWIN
C10	F76	94.980	94.300	0.680	480ø	A15	PPIC	525375.800	185844.619	This drawing has been provided as a 'As Built' drawing based on informati
G C	F77	05.750	04.150	OMITTED	1804	A 1 E	DDIC	505764 957	195926 920	provided by MOUNT ANVIL.
В	F78 F78A	95.350	94.150	1.200	480ø	A15	PPIC	525364.657	185826.820	AB1 19.09.18 Issued 'As Built', J C11 21.08.17 See Rev C11 for details. J
 В	F76A F79			OMITTED						C10 28.07.17 See Rev C10 for details.
 		07.600	06.850	OMITTED 0.750	1804	A 1 5	DDIC	525391 607	185878.143	C9 14.06.17 See Rev C9 for details. J C8 24.05.17 See Rev C8 for details. J
	F80	97.600	96.850	0.750	480ø	A15	PPIC			C7 28.03.17 See Rev C7 for details. J C6 27.03.17 See Rev C6 for details. J
C6	F81	97.700	96.850	0.850	480ø	A15	PPIC		185876.364	C5 21.03.17 See Rev C5 for details.
C4	F82	97.700	96.700	1.000	480ø	A15	PPIC		185870.554	C4 01.03.17 Cover levels amended in accordance J with latest Landscape Architects layout. See rev C4 for details.
C6	F83	97.625	96.650	0.975	480ø	A15	PPIC		185852.832	C3 14.02.17 See rev C3 for details. J
C1	F84	96.100	95.100	1.000	480ø	A15	PPIC		185917.861	C2 13.02.17 See rev C2 for details. J C1 09.02.17 See rev C1 for details. S
C1	F84A	95.650	94.700	0.950	480ø	A15	PPIC		185919.281	DEV. DATE.
C1	F85	95.650	94.700	0.950	480ø	A15	PPIC	525326.179	185920.640	REV DATE DESCRIPTION
Р	F86			OMITTED						
Р	F87	00.755	05.455	OMITTED	400.1	A 4 F	5510	E05705 000	105077.007	MOU
C6	F88	96.350	95.450	0.900	480ø	A15	PPIC	525395.269	185873.664	l NTA

MANHOLE SCHEDULE - PRIVATE COMBINED													
REV	MANHOLE	COVER LEVEL	INVERT LEVEL	DEPTH IN METRES	CHAMBER SIZE(mm)	COVER TYPE	REMARKS	EASTING	NORTHING				
	C1		OMITTED										
C8	C2	92.050	89.000	3.050	1200ø	B125	PC RING	525399.145	185787.235				
C4	С3	95.225	94.250	0.975	1200×750	B125	INT RECT	525343.564	185833.996				
C4	C4	95.225	94.150	1.075	1200×750	B125	INT RECT	525338.199	185837.277				
C4	C5	95.375	94.025	1.350	1200×750	B125	RECT	525366.541	185828.405				
C8	C6	92.600	89.400	3.200	480ø	A15	DNIC	525392.510	185792.442				
C8	C7	92.100	89.525	2.575	1200ø	B125	PC RING	525397.366	185803.278				
J	C16	91.650	89.575	2.075	600ø	B125	DNIC	525400.947	185805.282				
C4	C17	93.400	90.125	3.275	1050ø	B125	PC RING	525409.917	185823.398				
C4	C18	93.950	90.325	3.625	1050ø	A15	PC RING	525419.530	185840.575				
Н	C19	94.050	90.375	3.675	1050ø	A15	PC RING	525412.921	185844.986				
Н	C19A	94.200	90.650	3.550	1050ø	A15	PC RING	525411.153	185848.551				
C4	C20	94.500	90.475 BD 92.050	4.025	1050ø	A15	PC RING	525400.319	185845.041				
Н	C20A	94.450	90.625	3.825	1050ø	A15	PC RING	525400.564	185856.094				
N	C31	91.310	89.675	1.635	1050ø	A15	INT PC RING	525405.805	185813.664				
C10	C32	86.815	85.850	0.965	1200x750	A15	INT RECT	525431.551	185843.001				

- 1. Cover levels of manholes and inspection chambers are for information only and must not be used for setting out purposes. Covers are to be set flush with the final carriageway or footway level. Covers of existing manholes and service chambers that are to be retained shall be adjusted to match
- Where connecting into existing drainage invert levels and locations/alignment are to be checked and results reported back to engineer 5 days prior to work commencing.

REPAIR WORKS TO EXISTING DRAINAGE

The Contractor shall familiarise himself with the CCTV Survey information provided on behalf of Mount Anvil by Tardis Environmental UK (May 16). This shows the current condition of the existing drainage that is to be retained and re-used within the proposed development.

Repair works are required to the following lengths of drain all of which are located along the site frontage and are shown in a green line—type on our Engineering Layout Drawings. Unfortunately replacement of these drains is not an option due to tree—protection

<u>Drg 201:</u> Existing storm water serving Kidderpore House upstream of proposed manhole Ref C4.

Specification: Pipe repairs are to be either cured—in—place (lining) or patch repairs and are to be carried out in accordance with Parts 2 & 3

The Contractor shall advise the Engineer accordingly as to which method he proposes using and provide a method statement accordingly including reference to which method applies at which location. Note that patch repairs may not be appropriate at many

AS BUILT DRAWING

This drawing has been provided as an 'As Built' drawing based on information

provided by MOUNT ANVIL. AB1 19.09.18 Issued 'As Built'. JW SFK C11 21.08.17 See Rev C11 for details. C10 28.07.17 See Rev C10 for details. JSR SFK C9 14.06.17 See Rev C9 for details. C8 24.05.17 See Rev C8 for details. C7 28.03.17 See Rev C7 for details. JSR SFK



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Manhole Schedules

Project No. 11581 Kidderpore Avenue

DATE: July 2016 DRAWN: JSR CHK'D: SFK

9100-SCH-240

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