MANHOLE						PIPE OUT					NOTES
REF	TYPE	COVER LEVEL (m)	INVERT DEPTH (m)	MANHOLE COVER		INVERT OUT (m)	SIZE OUT (mm)	GRADIENT (1:X)	MATERIAL	BEDDING DETAIL	
				MH CLASS	CLEAR OPENING (mm)						
SURFACE WATER (EXISTING)											
SWMH 1 (EX)	TYPE B	3.600	1.755	D400	1200 x 675	2.295	225	1:52	TWINWALL PLASTIC	TYPE S	EXISTING
SWMH 2 (EX)	TYPE B	2.870	2.627	D400	1800 X 675	0.693	825	1:531	TWINWALL PLASTIC	TYPE S	EXISTING
SWMH 3 (EX)	TYPE B	2.675	2.468	D400	1800 X 675	0.657	825	1:537	TWINWALL PLASTIC	TYPE S	EXISTING
SWMH 4 (EX)	TYPE B	2.730	2.605	D400	1800 X 675	0.575	825	1:500	TWINWALL PLASTIC	TYPE S	EXISTING
SWMH 5 (EX)	TYPE B	2.350	2.405	D400	1800 X 675	0.395	825	1:500	TWINWALL PLASTIC	TYPE S	EXISTING
SWMH 6 (EX)	TYPE B	2.500	2.670	D400	1800 X 675	0.280	-	-	-	TYPE S	EXISTING HYDROBRAKE TO BE REPLACED. NEW FLOW RATE = 8.8L/S
SURFACE WATER (PROPOSED)											
SWMH 8	TYPE B	3.100	1.650	D400	1200 x 675	1.900	300	1:200	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 9	TYPE B	3.000	1.721	D400	1200 x 675	1.729	300	1:200	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 10	TYPE B	2.900	1.701	B125	1200 x 675	1.649	300	1:47	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 11	TYPE B	2.900	1.929	D400	600 x 600	1.421	375	1:378	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 12	TYPE B	2.900	1.947	D400	600 x 600	1.403	375	1:401	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 13	TYPE B	2.900	2.119	D400	600 x 600	1.231	450	1:401	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 14	TYPE B	2.850	2.125	B125	600 x 600	1.175	450	1:356	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 15	TYPE B	2.600	2.118	B125	600 x 600	0.932	525	1:300	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 16	TYPE B	2.500	2.128	B125	1200 x 675	0.822	-	-	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 17	TYPE B	3.100	1.650	D400	1200 x 675	1.900	300	1:200	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 18	TYPE B	2.800	1.650	D400	1200 x 675	1.600	300	1:200	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 19	TYPE B	3.000	1.050	B125	1200 x 675	2.400	-	-	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 20	TYPE B	2.600	1.650	D400	1200 x 675	1.400	300	1:400	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 21	TYPE B	2.600	1.699	D400	1200 x 675	1.351	300	1:77	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 22	TYPE B	2.900	1.050	B125	1200 x 675	2.300	-	-	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
SWMH 23	TYPE B	2.400	1.650	B125	1200 x 675	1.200	300	1:298	TWINWALL PLASTIC	TYPE S	WSCC STANDARD DETAIL REF.: S278/38/13 – TYPE B CATCHPIT
FOUL WATER (EXISTING)											
FWMH 1 (EX)	TYPE 2	2.350	2.613	D400	600 x 600	0.187	150	1:160	VITRIFIED CLAY	TYPE S	EXISTING
FWMH 2 (EX)	TYPE 2	3.000	3.447	D400	600 x 600	0.003	150	1:146	VITRIFIED CLAY	TYPE S	EXISTING
FWMH 3 (EX)	TYPE 2	2.760	3.607	D400	600 x 600	-0.397	150	1:177	VITRIFIED CLAY	TYPE S	EXISTING
FWMH 4 (EX)	TYPE 2	2.850	4.084	D400	600 x 600	-0.784	150	1:139	VITRIFIED CLAY	TYPE S	EXISTING
FWMH 5 (EX)	TYPE 2	3.420	5.128	D400	600 x 600	-1.258	150	1:150	VITRIFIED CLAY	TYPE S	EXISTING
FWMH 6 (EX)	TYPE 2	3.640	5.517	D400	600 x 600	-1.427	150	1:21	VITRIFIED CLAY	TYPE S	EXISTING
FWMH 7 (EX)	TYPE 2	3.450	2.785	D400	600 x 600	1.115	150	-	VITRIFIED CLAY	TYPE S	EXISTING
FWMH 8 (EX)	TYPE 2	3.650	5.698	B125	600 x 600	-1.598	-	-	VITRIFIED CLAY	TYPE S	EXISTING
FOUL WATER (PROPOSED)											
FWMH 9	TYPE 2	3.200	2.895	D400	600 x 600	0.755	150	1:13	VITRIFIED CLAY	TYPE S	TYPE 2 SEWERS FOR ADOPTION 7th EDITION.
FWMH 10	TYPE 2	3.100	2.685	D400	600 x 600	0.865	150	1:121	VITRIFIED CLAY	TYPE S	TYPE 2 SEWERS FOR ADOPTION 7th EDITION.
FWMH 11	TYPE 2	2.700	1.700	D400	750 x 675	1.450	150	1:120	VITRIFIED CLAY	TYPE Z	TYPE 2 SEWERS FOR ADOPTION 7th EDITION.
FWMH 12	TYPE 2	2.550	1.950	D400	750 x 675	1.050	150	1:10	VITRIFIED CLAY	TYPE S	TYPE 2 SEWERS FOR ADOPTION 7th EDITION.
FWMH 13	TYPE 2	2.550	1.450	D400	750 x 675	1.550	150	1:90	VITRIFIED CLAY	TYPE Z	TYPE 2 SEWERS FOR ADOPTION 7th EDITION.
FWMH 14	TYPE 2	3.000	2.480	D400	600 x 600	0.970	150	1:75	VITRIFIED CLAY	TYPE S	TYPE 2 SEWERS FOR ADOPTION 7th EDITION.
FWMH 15	TYPE 2	3.000	2.480	D400	600 x 600	0.970	150	1:130	VITRIFIED CLAY	TYPE S	TYPE 2 SEWERS FOR ADOPTION 7th EDITION.

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NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE MILLIMETRES U.N.O.
3. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM U.N.O.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.

Rev	Description	Date	By Chk	App
P02	PRELIMINARY	07/08 2019	CL CL	MRD
P01	PRELIMINARY	05/07 2019	CL CL	MRD

PRELIMINARY

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PHASE 1A
DRAINAGE
MANHOLE SCHEDULE

Project No:	Scale (@A1):	Drawn:	Date:
1620003993	-	CL	JUN.19

Drawing No:	Rev:
RAM-0500-1A-DR-CR-10004	P02

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