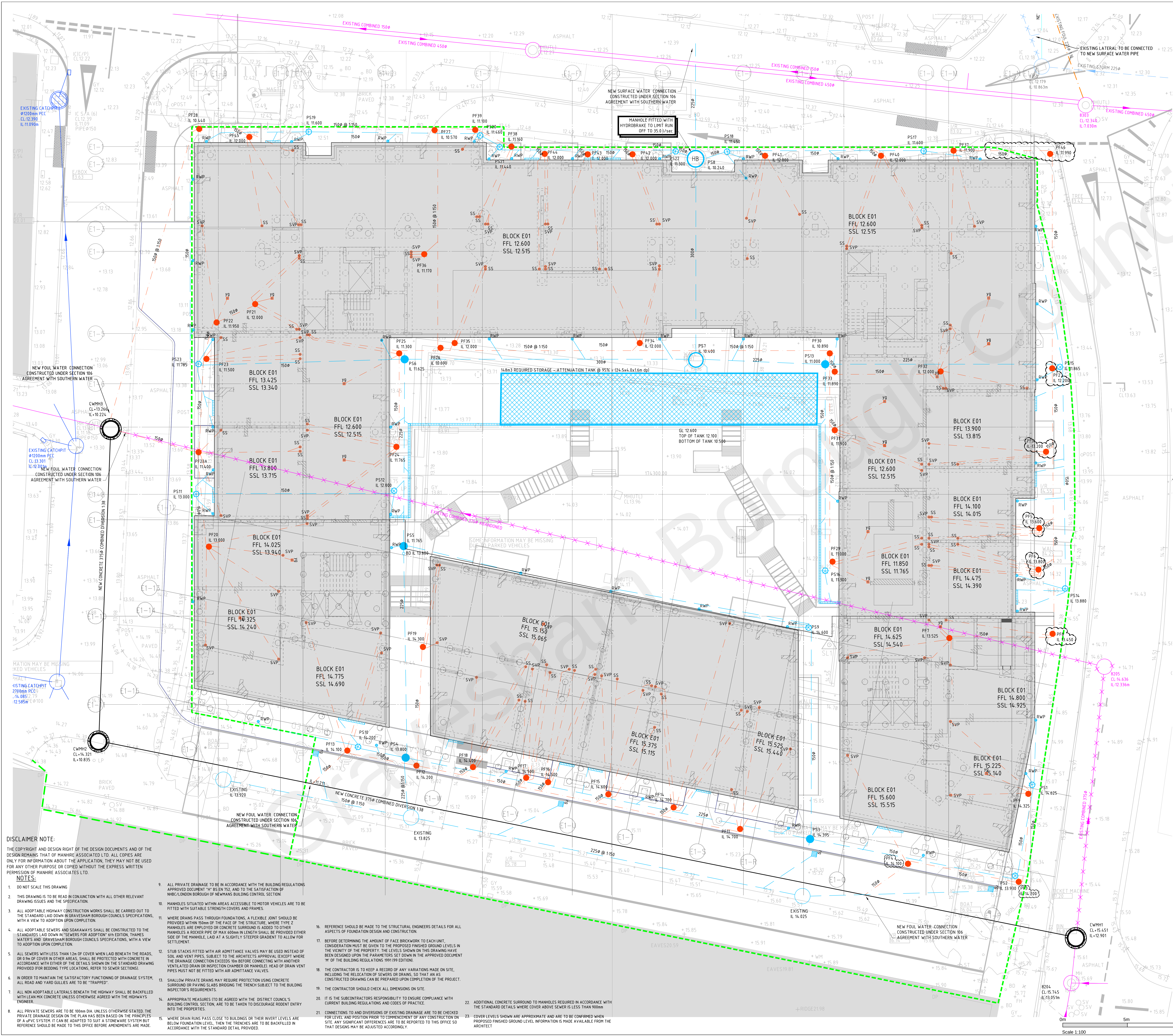




STORM WATER DRAINAGE SCHEDULE											
MH REF	COVER LEVEL	INVERT LEVEL	DEPTH (m)	DESCRIPTION	DIMENSION	TYPE	COMMENTS	EASTING	NORTHINGS		
PS1	15.225	14.425	0.800	TYPE Y	Ø 450	A50	RECESSED COVER	564887.520	174276.025		
PS2	15.500	14.555	0.945	TYPE Y	Ø 450	A50	RECESSED COVER	564881.196	174268.979		
PS3	15.400	14.395	1.005	TYPE Y	Ø 450	A50	RECESSED COVER	564885.319	174278.830		
PS4	14.800	13.800	1.000	TYPE Y	Ø 450	A50	RECESSED COVER	564831.996	174278.104		
PS5	14.750	11.765	2.985	TYPE Y	Ø 450	A50	RECESSED COVER	564833.840	174294.513		
PS6	11.625	10.400	1.225	TYPE 2	Ø 600	A50	RECESSED COVER	564833.917	174308.396		
PS7	12.600	10.400	2.200	TYPE 2	Ø 600	A50	RECESSED COVER / CATCHPIT	564864.475	174308.927		
PS8	12.600	10.240	2.360	TYPE 2	Ø 1200	A50	RECESSED COVER / HYDROBRAKE	564856.449	174324.500		
PS9	15.450	14.400	1.050	TYPE Y	Ø 450	A50	RECESSED COVER	564865.205	174288.954		
PS10	14.800	14.200	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564830.313	174278.963		
PS11	13.750	13.000	0.750	TYPE Y	Ø 450	A50	RECESSED COVER	564817.778	174269.545		
PS12	12.600	11.865	1.085	TYPE Y	Ø 450	A50	RECESSED COVER	564833.817	174298.197		
PS13	12.600	11.000	1.600	TYPE Y	Ø 450	A50	RECESSED COVER	564864.493	174308.595		
PS14	14.450	13.850	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564864.493	174291.277		
PS15	13.550	11.865	1.085	TYPE Y	Ø 450	A50	RECESSED COVER	564833.817	174298.197		
PS16	12.600	11.300	1.300	TYPE Y	Ø 450	A50	RECESSED COVER	564864.491	174292.608		
PS17	12.550	11.600	0.950	TYPE Y	Ø 450	A50	RECESSED COVER	564874.115	174251.111		
PS18	15.000	14.400	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564833.817	174298.197		
PS19	12.550	11.600	0.950	TYPE Y	Ø 450	A50	RECESSED COVER	564874.115	174251.111		
PS20	12.550	11.600	0.950	TYPE Y	Ø 450	A50	RECESSED COVER	564874.115	174251.111		
PS21	12.550	11.600	0.950	TYPE Y	Ø 450	A50	RECESSED COVER	564874.115	174251.111		
PS22	12.550	11.300	1.250	TYPE Y	Ø 450	A50	RECESSED COVER	564854.910	174325.401		
PS23	13.200	11.785	1.415	TYPE Y	Ø 450	A50	RECESSED COVER	564817.562	174308.612		

FOUL WATER DRAINAGE SCHEDULE											
MH REF	COVER LEVEL	INVERT LEVEL	DEPTH (m)	DESCRIPTION	DIMENSION	TYPE	COMMENTS	EASTING	NORTHINGS		
PF1	13.800	13.200	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564883.596	174301.819		
PF2	15.500	12.200	1.300	TYPE Y	Ø 450	A50	RECESSED COVER	564848.140	174308.400		
PF3	15.500	14.100	1.400	TYPE Y	Ø 450	A50	RECESSED COVER	564872.200	174269.914		
PF4	15.500	14.100	1.400	TYPE Y	Ø 450	A50	RECESSED COVER	564883.073	174295.904		
PF5	14.400	13.800	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564883.007	174292.694		
PF6	14.400	13.800	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564874.115	174251.111		
PF7	14.400	13.800	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564874.115	174251.111		
PF8	15.000	14.400	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564833.817	174298.197		
PF9	15.000	14.400	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564833.817	174298.197		
PF10	15.000	14.400	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564833.817	174298.197		
PF11	15.000	14.400	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564833.817	174298.197		
PF12	14.800	14.100	0.700	TYPE Y	Ø 450	A50	RECESSED COVER	564829.471	174278.681		
PF13	15.200	14.700	0.500	TYPE Y	Ø 450	A50	RECESSED COVER	564854.750	174274.277		
PF14	15.000	14.400	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564849.693	174275.292		
PF15	15.000	14.400	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564845.026	174276.231		
PF16	15.000	14.400	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564843.329	174276.572		
PF17	15.000	14.400	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564839.209	174277.401		
PF18	15.000	14.400	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564835.334	174286.701		
PF19	15.000	14.400	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564835.334	174286.701		
PF20	14.025	13.000	1.025	TYPE Y	Ø 450	A50	DOUBLE SEALED & RECESSED COVER	564818.755	174294.476		
PF21	12.600	12.000	0.600	TYPE Y	Ø 450	A50	DOUBLE SEALED & RECESSED COVER	564872.340	174313.254		
PF22	12.600	11.950	0.650	TYPE Y	Ø 450	A50	DOUBLE SEALED & RECESSED COVER	564819.352	174311.830		
PF23	13.200	11.500	1.700	TYPE Y	Ø 450	A50	RECESSED COVER	564818.510	174309.807		
PF24	13.600	11.400	2.200	TYPE Y	Ø 450	A50	RECESSED COVER	564817.562	174301.184		
PF25	12.600	11.765	0.840	TYPE Y	Ø 450	A50	RECESSED COVER	564833.280	174302.201		
PF26	12.600	12.000	0.400	TYPE Y	Ø 450	A50	RECESSED COVER	564833.454	174301.441		
PF27	12.600	10.600	1.900	TYPE Y	Ø 450	A50	RECESSED COVER	564836.695	174309.805		
PF28	12.500	10.570	1.930	TYPE Y	Ø 450	A50	RECESSED COVER	564836.738	174326.724		
PF29	12.500	10.440	2.060	TYPE Y	Ø 450	A50	RECESSED COVER	564818.007	174326.808		
PF30	12.600	11.000	1.600	TYPE Y	Ø 450	A50	RECESSED COVER	564867.054	174293.310		
PF31	12.600	10.890	1.710	TYPE Y	Ø 450	A50	RECESSED COVER	564866.844	174309.441		
PF32	12.600	11.500	1.100	TYPE Y	Ø 450	A50	RECESSED COVER	564867.229	174303.400		
PF33	12.600	12.000	0.600	TYPE Y	Ø 450	A50	DOUBLE SEALED & RECESSED COVER	564875.431	174308.038		
PF34	12.600	11.890	0.710	TYPE Y	Ø 450	A50	RECESSED COVER	564867.229	174308.022		
PF35	12.600	12.000	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564892.107	174310.237		
PF36	12.600	12.000	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564837.797	174310.237		
PF37	12.600	12.000	0.600	TYPE Y	Ø 450	A50	DOUBLE SEALED & RECESSED COVER	564835.436	174317.120		
PF38	12.600	11.900	0.700	TYPE Y	Ø 450	A50	RECESSED COVER	564874.433	174325.197		
PF39	12.600	11.600	1.000	TYPE Y	Ø 450	A50	RECESSED COVER	564842.186	174325.451		
PF40	12.600	11.300	1.300	TYPE Y	Ø 450	A50	RECESSED COVER	564839.383	174326.144		
PF41	12.600	12.000	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564870.817	174324.197		
PF42	12.600	12.000	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564818.007	174324.197		
PF43	12.600	12.000	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564848.094	174324.933		
PF44	12.600	12.000	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564844.767	174324.886		
PF45	12.600	12.000	0.600	TYPE Y	Ø 450	A50	RECESSED COVER	564833.280	174302.201		

LEGEND

- PROPOSED HIGHWAYS BOUNDARY
- EXISTING ADOPTED COMBINED MANHOLE AND SEWER
- EXISTING ADOPTED STORM MANHOLE AND SEWER
- EXISTING ADOPTED FOUL MANHOLE AND SEWER
- EXISTING HIGHWAY STORM MANHOLE AND SEWER
- EXISTING HIGHWAY SOAKAWAY
- ADAPTABLE P.C.C. RING MANHOLE COMBINED (TYPE 1 & 2)
- ADAPTABLE P.C.C. RING MANHOLE STORM (TYPE 1 & 2)
- ADAPTABLE P.C.C. RING MANHOLE FOUL (TYPE 1 & 2)
- PROPOSED HIGHWAYS SURFACE WATER SEWER AND MANHOLE
- PROPOSED HIGHWAYS SURFACE WATER GULLY
- PROPOSED HIGHWAYS YARD GULLY
- PROPOSED HIGHWAYS CHANNEL DRAIN
- PROPOSED HYDROBRAKE
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE A)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE A)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE B)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE B)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE C)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE C)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE D)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE D)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE E)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE E)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE F)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE F)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE G)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE G)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE H)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE H)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE I)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE I)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE J)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE J)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE K)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE K)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE L)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE L)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE M)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE M)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE N)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE N)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE O)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE O)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE P)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE P)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE Q)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE Q)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE R)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE R)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE S)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE S)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE T)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE T)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE U)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE U)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE V)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE V)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE W)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE W)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE X)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE X)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE Y)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE Y)
- PRIVATE P.C.C. RING MANHOLE STORM (TYPE Z)
- PRIVATE P.C.C. RING MANHOLE FOUL (TYPE Z)

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NOTES:

- DO NOT SCALE THIS DRAWING
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWING ISSUES AND THE SPECIFICATION
- ALL ADAPTABLE HIGHWAY CONSTRUCTION WORKS SHALL BE CARRIED OUT TO THE STANDARD Laid down in GRAVESHAM BOROUGH COUNCIL SPECIFICATIONS, WITH A VIEW TO ADOPTION UPON COMPLETION
- ALL ADAPTABLE SEWERS AND SOAKAWAYS SHALL BE CONSTRUCTED TO THE STANDARDS Laid down in "SEWERS FOR ADOPTION" 6th EDITION, THAMES WATER & GRAVESHAM BOROUGH COUNCIL SPECIFICATIONS, WITH A VIEW TO ADOPTION UPON COMPLETION
- ALL SEWERS WITH LESS THAN 120° OF COVER WHEN Laid beneath the ROADS, OR 90° OF COVER IN OTHER AREAS, SHALL BE PROTECTED WITH CONCRETE IN ACCORDANCE WITH EITHER OF THE DETAILS SHOWN IN THE STANDARD DRAWING PROVIDED FOR BEING TYPICAL LOCATIONS, REFER TO SEWER SECTIONS
- IN ORDER TO MAINTAIN THE SATISFACTORY FUNCTIONING OF DRAINAGE SYSTEM, ALL ROAD AND YARD GULLIES ARE TO BE "TRAPPED"
- ALL NON ADAPTABLE LATERALS BENEATH THE HIGHWAY SHALL BE BACKFILLED WITH LEAN MIX CONCRETE UNLESS OTHERWISE AGREED WITH THE HIGHWAYS ENGINEER
- ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT "S" 65EN 152, AND TO THE SATISFACTION OF THE BUILDING REGULATIONS AND CODES OF PRACTICE
- MANHOLES SITUATED WITHIN AREAS ACCESSIBLE TO MOTOR VEHICLES ARE TO BE FITTED WITH SUITABLE STRENGTH COVERS AND FRAMES
- WHERE DRAINS PASS THROUGH FOUNDATIONS, A FLEXIBLE JOINT SHOULD BE PROVIDED WITHIN 500mm OF THE FACE OF THE STRUCTURE, WHERE TYPE 2 MANHOLES ARE EMPLOYED OR CONCRETE SURROUND IS ADDED TO OTHER MANHOLES A ROCKER PIPE OF MAX 600mm IN LENGTH SHALL BE PROVIDED EITHER SIDE OF THE MANHOLE, Laid AT A SLIGHTLY STEEPER GRADIENT TO ALLOW FOR SETTLEMENT
- STUB STACKS FITTED WITH AIR ADMITTANCE VALVES MAY BE USED INSTEAD OF THE STANDARD Laid down in GRAVESHAM BOROUGH COUNCIL SPECIFICATIONS, WITH A VIEW TO ADOPTION UPON COMPLETION
- SHALLOW PRIVATE DRAINS MAY REQUIRE PROTECTION USING CONCRETE SURROUND OR PAVING SLABS BRIDGING THE TRENCH SUBJECT TO THE BUILDING INSPECTOR'S REQUIREMENTS
- APPROPRIATE MEASURES TO BE AGREED WITH THE DISTRICT COUNCIL WITH BUILDING CONTROL SECTION, ARE TO BE TAKEN TO DISCOURAGE ROCKET ENTRY INTO THE PROPERTIES
- WHERE DRAIN RUNS PASS CLOSE TO BUILDINGS OR THEIR INVERT LEVELS ARE BELOW FOUNDATION LEVEL, THEN THE TRENCHES ARE TO BE BACKFILLED IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED
- REFERENCE SHOULD BE MADE TO THE STRUCTURAL ENGINEERS DETAILS FOR ALL ASPECTS OF FOUNDATION DESIGN AND CONSTRUCTION
- BEFORE DETERMINING THE AMOUNT OF FACE BRICKWORK TO EACH UNIT, CONSIDERATION MUST BE GIVEN TO THE PROPOSED FINISHED GROUND LEVELS IN THE VICINITY OF THE PROPERTY, THE LEVELS SHOWN ON THIS DRAWING HAVE BEEN BASED UPON THE PARAMETERS SET DOWN IN THE APPROVED DOCUMENT "S" OF THE BUILDING REGULATIONS 1991 (1991 EDITION)
- THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS MADE ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT
- THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE
- IT IS THE SUBCONTRACTORS RESPONSIBILITY TO ENSURE COMPLIANCE WITH CURRENT BUILDING REGULATIONS AND CODES OF PRACTICE
- ADDITIONAL CONCRETE SURROUND TO MANHOLES REQUIRED IN ACCORDANCE WITH THE STANDARD DETAILS WHERE COVER ABOVE SEWER IS LESS THAN 900mm
- COVER LEVELS SHOWN ARE APPROXIMATE AND ARE TO BE CONFIRMED WHEN PROPOSED FINISHED GROUND LEVEL INFORMATION IS MADE AVAILABLE FROM THE ARCHITECT
- COVER LEVELS SHOWN ARE APPROXIMATE AND ARE TO BE CONFIRMED WHEN PROPOSED FINISHED GROUND LEVEL INFORMATION IS MADE AVAILABLE FROM THE ARCHITECT