Surface Water Manhole Shedule											
Manhole Ref	Cover Level	Depth to Invert (M)	Depth to Soffit (M)	Pipe Out Dia (mm)	Pipe Out Invert Level	Pipe In Dia (mm)	Pipe In Invert Level	Manhole Type	Manhole Size (mm)	Cover Grade	Notes
S01	30.570	0.685	0.535	150	29.885	150	29.885	PC	600X450	D400	Catchpit manhole 300mm sump
						150	29.885				
S02	30.570	0.685	0.535	150	29.885	150	29.885	PC	600X450	D400	Catchpit manhole 300mm sump
						150	29.885				
S03	30.175	1.105	0.880	225	29.070	-	-	PPIC	450	D400	Catchpit manhole 300mm sump
S04	30.175	1.105	0.805	300	29.070	225	29.070	PC	1200x1000	D400	Catchpit manhole 500mm sump
						225	29.070				
S04a	30.245	1.105	0.880	225	29.140	225	29.140	PC	1200	D400	Catchpit manhole 500mm sump
						225	29.525				Tu high level connection in
						225	29.525				Tu high level connection in
						225	29.525				Tu high level connection in
						225	29.525				Tu high level connection in
S05	30.150	1.120	0.970	150	29.030	300	29.030	PC	1350	D400	Invert to invert connection - catchpit manhole 500mm sump with 24mmØ orifice plate
S06	30.205	1.635	1.485	150	28.570	150	28.570	PC	1200	D400	
S07	30.020	1.225	1.000	225	28.795	150	29.400	PC	1200	D400	Catchpit manhole 500mm sump - Tu high level connection in
S08	30.145	1.350	1.250	100	28.795	225	28.795	PC	1200	D400	Invert to invert connection - catchpit mahole 500mm sump with 23mmØ orifice plate
						150	29.500				Tu high level connection in
S09	30.000	1.500	1.350	150	28.500	150	28.500	PC	1200	B125	
						100	28.550				
S10	29.210	0.445	0.220	225	28.765	100	28.815	PPIC	600	B125	
						100	28.815				
S11	29.210	0.645	0.420	225	28.565	225	28.565	PPIC	600	D400	
						100	28.615				
S12	29.200	0.915	0.690	225	28.285	225	28.285	PPIC	600	B125	
						100	29.335				
S13	29.200	0.970	0.745	225	28.230	225	28.230	PPIC	600	D400	Catchpit manhole 500mm sump
						100	28.280				
						100	28.280				
S14	28.925	0.700	0.550	150	28.225	150	28.225	PPIC	600	B125	
						100	28.275				
S15	29.025	1.315	1.165	150	27.710	225	28.055	PC	1200	D400	Invert to invert connection - catchpit manhole 500mm sump with 26mmØ orifice plate
						150	28.400				Tu high level connection in
S15a	29.025	1.315	1.090	225	27.710	150	28.400	PC	1200	D400	Catchpit manhole 500mm sump - Tu high level connection in
S16	29.350	1.670	1.445	225	27.680	150	28.035	PC	1350	D400	Invert to invert connection - catchpit manhole 600mm sump - connects to outfall
						150	28.330				Tumble connection at high level
S17	29.075	0.810	0.660	150	28.265	150	28.315	PPIC	600	D400	Catchpit manhole 300mm sump
						100	28.315				
S18	29.200	0.810	0.660	150	28.390	100	28.440	PPIC	600	D400	Catchpit manhole 300mm sump
						100	28.440				
						100	28.440				
S19	29.025	0.810	0.660	150	28.215	225	28.215	PC	600x450	D400	Invert to invert connection - catchpit manhole 600mm sump - connects downstream to Phase 1 surface drainage system via manhole SIC5 -
S20	28.925	0.590	0.490	100	28.335	100	28.335	PPIC	450	B125	

Surface Water Manhole Schedule Existing Phase 1 Drainage											
Manhole Ref	Cover Level	Depth to Invert (M)	Depth to Soffit (M)	Pipe Out Dia (mm)	Pipe Out Invert Level	Pipe In Dia (mm)	Pipe In Invert Level	Manhole Type	Manhole Size (mm)	Cover Grade	Notes
SIC5	28.865	1.415	1.265	150	27.450	150	28.125	PC	1200	B125	Tumble connection at high level - existing 75mm orifice plate - catchpit manhole 400mm sump

Surface Water Rodding Eye Schedule									
Manhole Ref	Cover Level	Depth to Invert (M)	Depth to Soffit (M)	Pipe Out Dia (mm)	Pipe Out Invert Level	Manhole Type	Manhole Size (mm)	Cover Grade	Notes
RE1	30.600	0.440	0.340	100	30.160	RE	110	B125	
RE2	30.600	0.565	0.465	100	30.035	RE	110	B125	
RE3	30.600	0.525	0.425	100	30.075	RE	110	B125	
RE4	30.600	0.440	0.340	100	30.160	RE	110	B125	
RE5	30.600	0.565	0.465	100	30.035	RE	110	B125	
RE6	30.600	0.480	0.380	100	30.120	RE	110	B125	
RE7	30.450	1.100	0.875	225	29.350	RE	225	B125	Access to perforated pipe
RE8	30.375	1.025	0.800	225	29.350	RE	225	B125	Access to perforated pipe
RE9	30.300	1.230	1.130	100	29.070	RE	225	B125	Access to perforated pipe
RE10	28.925	0.400	0.300	100	28.525	RE	110	B125	
RE11	28.925	0.400	0.300	100	28.525	RE	110	B125	

Permeable Paving Inspection Chamber Schedule											
Manhole Ref	Cover Level	Depth to Invert (M)	Depth to Soffit (M)	Pipe Out Dia (mm)	Pipe Out Invert Level	Pipe In Dia (mm)	Pipe In Invert Level	Manhole Type	Manhole Size (mm)	Cover Grade	Notes
Ic01	30.570	0.685	0.535	150	29.885	150	29.885	PPIC	450	D400	Catchpit manhole 300mm sump
						150	29.885				
Ic02	30.570	0.685	0.535	150	29.885	150	29.885	PPIC	450	D400	Catchpit manhole 300mm sump
						150	29.885				
Ic03	30.570	0.685	0.535	150	29.885	150	29.885	PPIC	450	D400	Catchpit manhole 300mm sump
						150	29.885				
Ic04	30.075	0.900	0.800	100	29.175	100	29.175	PPIC	450	D400	Catchpit manhole 300mm sump
						100	29.225				
Ic05	30.075	0.900	0.800	100	29.175	100	29.175	PPIC	450	D400	Catchpit manhole 300mm sump
						100	29.225				
						100	29.225				
Ic06	30.075	0.900	0.800	100	29.175	100	29.175	PPIC	450	D400	Catchpit manhole 300mm sump
						100	29.225				
						100	29.225				
Ic07	30.075	0.900	0.800	100	29.175	100	29.175	PPIC	450	D400	Catchpit manhole 300mm sump
						100	29.225				
						100	29.225				
Ic08	30.075	0.900	0.800	100	29.175	100	29.175	PPIC	450	D400	Catchpit manhole 300mm sump
						100	29.225				
						100	29.225				
Ic09	30.075	0.900	0.800	100	29.175	100	29.175	PPIC	450	D400	Catchpit manhole 300mm sump
						100	29.225				
						100	29.225				
Ic10	30.075	0.900	0.800	100	29.175	100	29.175	PPIC	450	D400	Catchpit manhole 300mm sump
						100	29.225				
						100	29.225				
Ic11	30.075	0.900	0.800	100	29.175	100	29.175	PPIC	450	D400	Catchpit manhole 300mm sump
						100	29.225				
Ic12	29.200	0.900	0.800	100	28.300	100	28.300	PPIC	450	D400	Catchpit manhole 300mm sump
						100	28.350				
						100	28.350				
Ic13	29.200	0.900	0.800	100	28.300	100	28.300	PPIC	450	D400	Catchpit manhole 300mm sump
						100	28.350				
						100	28.350				
Ic14	29.200	0.900	0.800	100	28.300	100	28.300	PPIC	450	D400	Catchpit manhole 300mm sump
						100	28.350				
						100	28.350				
Ic15	29.200	0.600	0.500	100	28.600	100	28.600	PPIC	300	D400	Catchpit manhole 300mm sump
						100	28.650				
						100	28.650				
Ic16	29.200	0.600	0.500	100	28.600	100	28.600	PPIC	300	D400	Catchpit manhole 300mm sump
						100	28.650				
						100	28.650				
Ic17	29.200	0.600	0.500	100	28.600	100	28.600	PPIC	300	D400	Catchpit manhole 300mm sump
						100	28.650				
Ic18	29.075	0.600	0.500	100	28.475	100	28.475	PPIC	300	D400	Catchpit manhole 300mm sump
						100	28.525				
						100	28.525				
Ic19	29.075	0.600	0.500	100	28.475	100	28.475	PPIC	300	D400	Catchpit manhole 300mm sump
						100	28.525				
						100	28.525				
Ic20	29.05	0.895	0.745	150	28.155	150	28.155	PPIC	450	D400	Catchpit manhole 300mm sump
All outgoing pipes to be fully perforated and wrapped in geotextile											

NOTES:

1. This drawing is to be read in conjunction with all other SWP drawings, and with all relevant architect's and engineer's drawings and specification and any discrepancies found are to be reported immediately to the engineer.
2. No dimensions are to be scaled from this drawing. unless noted otherwise all dimensions are in millimeters and all levels are in metres from the site datum.
3. All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
4. The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. figured dimensions must be used for setting out and detailing. swp logos and company information must be removed from copies if information is re-used.
5. The main contractor is responsible for the design of all temporary works, and is also responsible for the safe maintenance and stability of existing buildings at all times.
6. The main contractor is responsible for all occurrences of ground water during the construction period.
7. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain. The main contractor is responsible for checking all information on site prior to work commencing and taking due care and attention whilst undertaking the works.
8. The contractor must comply with all current legislation relating to health & safety.
9. All products specified shall be installed in strict accordance with the manufacturers recommendations and instructions. If there are discrepancies between that information and the details on any swp drawings, the manufacturers instructions must be used.

Cover levels shown are indicative only and subject to final adjustment on site

REV.	DATE	DESCRIPTION
P03	01.12.2025	DRAINAGE DESIGN AMENDED FOLLOWING COMMENTS FROM LLFA
P02	14.08.2025	DETAILED DRAINAGE DESIGN TO SUPPORT DISCHARGE OF PLANNING CONDITIONS
P01	30.09.2024	PRELIMINARY ISSUE

PRELIMINARY

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CLIENT: BEDFORD PARK DEVELOPMENTS

ARCHITECT: THE ORANGERY

JOB TITLE: GATEHOUSE LANE DEVELOPMENT, GODDARDS GREEN, BN6 9LE

DRAWING TITLE: PHASE 2 SURFACE WATER MANHOLE SCHEDULE

SCALE AT A1	DATE	DRAWN
NTS	AUG 2025	JWM
	ENG. JWM	CHECKED DMG

RIBA STATUS: STAGE3 - SPATIAL COORDINATION

DRAWING STATUS: S3 | DRAWING SUITABILITY: REVIEW AND COMMENT

JOB No.	DRAWING No. (PROJECT - ORIGINATOR - VOLUME - LEVEL - FORM - DISCIPLINE - NUMBER)	REV.
E9427	9427-SWP-ZZ-XX-SH-C-1105	P03