

DESIGN NOTES

1. Refer to BLI Consulting Engineers Ltd Drawing No. BLI.2024.65-PL-01 for full construction notes.

PRIVATE STORM WATER DRAINAGE SCHEDULE					
REF:	APPROX COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH	TYPE	COVER
SW1.0	2.95	2.50	0.450	Rodding Eye	-
SW1.1	3.00	2.41	0.590	3150 Shallow Inspection Chamber	B125
SW1.2	3.03	2.24	0.790	4500 Universal Inspection Chamber	B125
SW1.3	3.05	1.87	1.180	Flow Control Chamber	B125
SW2.0	2.92	2.20	0.720	Rodding Eye	-
SW2.1	2.97	2.10	0.870	4500 Universal Inspection Chamber	B125
SW3.0	3.04	2.54	0.500	Rodding Eye	-
SW3.1	3.04	2.27	0.770	4500 Universal Inspection Chamber	B125
SW4.0	2.97	2.47	0.500	Rodding Eye	-
SW5.0	2.93	2.48	0.450	Rodding Eye	-
SW5.1	2.99	2.39	0.600	3150 Shallow Inspection Chamber	B125
SW5.2	3.03	2.24	0.790	4500 Universal Inspection Chamber	B125
SW5.3	3.03	1.87	1.160	Flow Control Chamber	B125
SW6.0	2.91	2.15	0.760	Rodding Eye	-
SW6.1	2.97	2.07	0.900	4500 Universal Inspection Chamber	B125
SW7.0	3.03	2.53	0.500	Rodding Eye	-
SW7.1	3.03	2.30	0.730	4500 Universal Inspection Chamber	B125
SW8.0	2.94	2.49	0.450	Rodding Eye	-
SW9.0	2.91	2.46	0.450	Rodding Eye	-
SW9.1	2.97	2.37	0.600	3150 Shallow Inspection Chamber	B125
SW9.2	3.02	2.24	0.780	4500 Universal Inspection Chamber	B125
SW9.3	3.03	1.87	1.160	Flow Control Chamber	B125
SW10.0	2.91	2.15	0.760	Rodding Eye	-
SW10.1	2.96	2.07	0.890	4500 Universal Inspection Chamber	B125
SW11.0	3.13	2.63	0.500	Rodding Eye	-
SW11.1	3.07	2.30	0.770	4500 Universal Inspection Chamber	B125
SW12.0	3.00	2.50	0.500	Rodding Eye	-
SW13.0	2.94	2.49	0.450	Rodding Eye	-
SW13.1	3.00	2.40	0.600	3150 Shallow Inspection Chamber	B125
SW13.2	3.04	2.24	0.800	4500 Universal Inspection Chamber	B125
SW13.3	3.04	1.87	1.170	Flow Control Chamber	B125
SW14.0	2.92	2.15	0.770	Rodding Eye	-
SW14.1	2.97	2.07	0.900	4500 Universal Inspection Chamber	B125
SW15.0	3.04	2.54	0.500	Rodding Eye	-
SW15.1	3.04	2.30	0.740	4500 Universal Inspection Chamber	B125
SW16.0	2.95	2.50	0.450	Rodding Eye	-
SW17.0	2.92	2.47	0.450	Rodding Eye	-
SW17.1	2.96	2.38	0.580	3150 Shallow Inspection Chamber	B125
SW17.2	3.01	2.24	0.770	4500 Universal Inspection Chamber	B125
SW17.3	3.04	1.87	1.170	Flow Control Chamber	B125
SW18.0	2.92	2.19	0.730	Rodding Eye	-
SW18.1	2.98	2.09	0.890	4500 Universal Inspection Chamber	B125
SW19.0	3.04	2.54	0.500	Rodding Eye	-
SW19.1	3.04	2.27	0.770	4500 Universal Inspection Chamber	B125
SW20.0	2.97	2.47	0.500	Rodding Eye	-

PRIVATE FOUL WATER DRAINAGE SCHEDULE					
REF:	APPROX COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH	TYPE	COVER
FW1.0	2.95	2.35	0.600	3150 Shallow Inspection Chamber	B125
FW1.1	2.96	2.18	0.780	4500 Universal Inspection Chamber	B125
FW1.2	3.09	1.97	1.120	4500 Universal Inspection Chamber	B125
FW2.0	3.00	2.40	0.600	3150 Shallow Inspection Chamber	B125
FW3.0	3.03	2.43	0.600	3150 Shallow Inspection Chamber	B125
FW4.0	2.92	2.34	0.580	3150 Shallow Inspection Chamber	B125
FW4.1	2.92	2.17	0.750	4500 Universal Inspection Chamber	B125
FW4.2	3.09	1.96	1.130	4500 Universal Inspection Chamber	B125
FW5.0	2.97	2.37	0.600	3150 Shallow Inspection Chamber	B125
FW6.0	3.00	2.40	0.600	3150 Shallow Inspection Chamber	B125
FW7.0	2.93	2.35	0.580	3150 Shallow Inspection Chamber	B125
FW7.1	3.05	2.17	0.880	4500 Universal Inspection Chamber	B125
FW7.2	3.17	1.97	1.200	5000 Non-Entry Inspection Chamber	B125
FW8.0	3.09	2.49	0.600	3150 Shallow Inspection Chamber	B125
FW9.0	3.12	2.52	0.600	3150 Shallow Inspection Chamber	B125
FW10.0	2.93	2.35	0.580	3150 Shallow Inspection Chamber	B125
FW10.1	2.94	2.17	0.770	4500 Universal Inspection Chamber	B125
FW10.2	3.08	1.97	1.110	4500 Universal Inspection Chamber	B125
FW11.0	2.99	2.39	0.600	3150 Shallow Inspection Chamber	B125
FW12.0	3.02	2.42	0.600	3150 Shallow Inspection Chamber	B125
FW13.0	2.96	2.36	0.600	3150 Shallow Inspection Chamber	B125
FW13.1	2.96	2.19	0.770	4500 Universal Inspection Chamber	B125
FW13.2	3.09	1.99	1.100	4500 Universal Inspection Chamber	B125
FW14.0	3.00	2.40	0.600	3150 Shallow Inspection Chamber	B125
FW15.0	3.03	2.43	0.600	3150 Shallow Inspection Chamber	B125

PRIVATE COMBINED WATER DRAINAGE SCHEDULE					
REF:	APPROX COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH	TYPE	COVER
CW1.0	3.04	1.77	1.270	5000 Non-Entry Inspection Chamber	B125
CW1.1	2.95	1.70	1.250	5000 Non-Entry Inspection Chamber	B125
CW2.0	3.04	1.77	1.270	5000 Non-Entry Inspection Chamber	B125
CW2.1	2.95	1.70	1.250	5000 Non-Entry Inspection Chamber	B125
CW3.0	3.14	1.77	1.370	5000 Non-Entry Inspection Chamber	B125
CW3.1	3.06	1.69	1.370	5000 Non-Entry Inspection Chamber	B125
CW4.0	3.05	1.77	1.280	5000 Non-Entry Inspection Chamber	B125
CW4.1	2.95	1.70	1.250	5000 Non-Entry Inspection Chamber	B125
CW5.0	3.04	1.77	1.270	5000 Non-Entry Inspection Chamber	B125
CW5.1	2.96	1.70	1.260	5000 Non-Entry Inspection Chamber	B125

ATTENUATION SCHEDULE											
ATTENUATION TANK REFERENCE	CRATE SPECIFICATION	NO. OF CRATE LAYERS	CRATE DESIGN DEPTH	CRATE DESIGN WIDTH	CRATE DESIGN LENGTH	TOTAL NO. OF CRATES	CRATE BASE LEVEL	TOP OF CRATE LEVEL	MINIMUM GROUND LEVEL	MINIMUM COVER TO CRATE	INCOMING PIPE INVERT LEVEL
NO. 1	POLYSTORM XTRA (PSM3)	2	0.42m	3.0m	10.0m	120	1.90m AOD	2.32m AOD	3.02m AOD	0.7m	2.22m AOD
NO. 2	POLYSTORM XTRA (PSM3)	2	0.42m	3.0m	10.0m	120	1.90m AOD	2.32m AOD	3.02m AOD	0.7m	2.22m AOD
NO. 3	POLYSTORM XTRA (PSM3)	2	0.42m	3.0m	10.0m	120	1.90m AOD	2.32m AOD	3.02m AOD	0.7m	2.22m AOD
NO. 4	POLYSTORM XTRA (PSM3)	2	0.42m	3.0m	10.0m	120	1.90m AOD	2.32m AOD	3.02m AOD	0.7m	2.22m AOD
NO. 5	POLYSTORM XTRA (PSM3)	3	0.42m	3.0m	10.0m	120	1.90m AOD	2.32m AOD	3.02m AOD	0.7m	2.22m AOD

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Rev.	Date	Description	Drawn	Chk'd



client:	MR JOHN ROONEY			
project:	THE ORCHARDS, BLAZEGATE, GEDNEY, SPALDING, LINCOLNSHIRE			
dwg title:	SURFACE & FOUL WATER DRAINAGE LAYOUT (SHHET 2 OF 2)			
discipline:	CIVIL ENGINEERING	drawn:	RSM	chk'd:
project no.	BLI.2024.65	dwg no.	PL 04	rev.
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