

SURFACE WATER NETWORK- MAIN (SW-MN)												
Name	US Node	US Node CL (m)	DS Node	DS Node CL (m)	Length (m)	USIL (m)	DSLIL (m)	Fall (m)	Slope (1:X)	Dia (mm)		
1.000	1	156.840	2	155.260	44.259	155.415	153.610	1.805	24.5	225		
1.001	2	155.260	3	154.965	6.609	153.610	153.274	0.336	19.7	225		
1.002	3	154.965	6	152.943	53.901	153.250	151.318	1.932	27.9	300		
2.000	4	154.547	5	153.694	31.456	152.843	152.344	0.499	63.0	225		
2.001	5	153.694	6	152.943	33.645	151.730	151.318	0.412	81.7	300		
1.003	6	152.943	10	151.334	33.712	150.243	149.634	0.609	55.4	375		
3.000	7	153.431	8	153.526	18.719	152.006	151.800	0.206	90.9	225		
3.001	8	153.526	9	153.394	6.611	151.800	151.461	0.339	19.5	225		
3.002	9	153.394	10	151.334	53.397	151.461	149.784	1.677	31.8	225		
1.004	10	151.334	14	149.802	33.239	148.559	148.102	0.457	72.7	375		
4.000	11	152.724	12	152.400	9.186	151.374	150.850	0.524	17.5	150		
4.001	12	152.400	13	152.107	6.610	150.850	150.350	0.500	13.2	150		
4.002	13	152.107	14	149.802	56.054	150.275	148.252	2.023	27.7	225		
1.005	14	149.802	15	148.930	18.422	147.175	147.000	0.175	111.0	375		
1.006	15	148.930	16	148.300	9.629	146.400	146.330	0.070	223.3	375		
1.007	16	148.300	17	148.070	14.629	146.330	146.000	0.330	44.3	375		
5.000	18	151.300	19	150.500	11.163	150.550	149.750	0.800	14.0	150		
5.001	19	150.500	20	148.800	30.320	149.750	148.050	1.700	17.8	150		
1.009	21	147.050	22	145.950	16.498	144.500	144.145	0.355	46.5	375		
6.000	23	148.095	24	146.799	21.473	145.970	145.750	0.220	97.6	150		
6.001	24	146.799	25	145.450	23.723	144.640	144.400	0.240	98.8	150		
1.011	26	145.400	27	144.546	19.567	143.120	142.571	0.549	35.6	300		
1.012	27	144.546	28	143.602	28.503	142.571	142.046	0.525	54.3	300		
1.013	28	143.602	29	143.530	8.958	142.046	141.945	0.101	88.7	300		
1.015	30	143.490	31	143.197	16.578	141.000	140.910	0.090	184.2	375		
1.016	31	143.197	32	142.590	22.517	140.910	140.400	0.510	44.2	300		
1.017	32	142.590	33	140.500	6.707	139.400	139.200	0.200	33.5	300		
7.000	34	140.930	35	141.510	12.104	139.580	139.460	0.120	100.9	150		
7.001	35	141.510	36	140.500	6.760	138.960	138.890	0.070	96.6	150		
1.019	36	140.500	47	140.900	13.637	138.300	138.200	0.100	136.4	375		
8.004	41	143.013	42	143.000	24.324	142.180	141.950	0.230	105.8	225		
8.005	42	143.000	43	141.500	11.388	140.650	139.750	0.900	12.7	150		
9.000	44	141.200	45	141.000	15.708	140.150	139.675	0.475	33.1	225		
8.007	46	141.000	47	140.900	15.776	138.500	138.275	0.225	70.1	300		
1.020a	47	FUEL SEPARATOR		140.920	19.157	138.200	138.018	0.182	108.3	375		
1.020b	48	FUEL SEPARATOR		140.920	2.500	137.918	137.900	0.018	108.3	375		
1.021	48	140.920	49	140.632	9.369	137.900	137.785	0.115	81.5	375		
1.022	49	140.632	50*	140.626	5.707	137.785	137.730	0.055	103.8	375		

* MANHOLE WILL BE CONNECTED IN TO NEW UPGRADED NETWORK ALONG BLACKGLEN ROAD

SURFACE WATER NETWORK- SOUTHEAST (SW-SE)												
Name	US Node	US Node CL (m)	DS Node	DS Node CL (m)	Length (m)	USIL (m)	DSLIL (m)	Fall (m)	Slope (1:X)	Dia (mm)		
1.000	1	144.400	2	144.289	12.097	143.650	143.538	0.112	108.0	150		
1.001	2	144.289	3	143.150	21.415	143.538	142.369	1.139	18.8	150		
1.002	3	143.150	4	142.750	9.273	142.369	141.700	0.699	13.3	150		
1.003	4	142.750	5	142.530	10.013	141.700	141.150	0.550	18.2	150		
2.004	10	142.773	5	142.530	17.817	141.230	141.075	0.155	115.0	225		
1.004a	5	142.530	FUEL SEPARATOR		142.365	2.640	141.075	141.027	0.048	54.6	225	
1.004b	FUEL SEPARATOR		142.365	6	142.200	2.820	140.927	140.875	0.052	54.6	225	
1.005	6	142.200	7	141.900	13.662	140.875	140.775	0.100	136.6	225		
1.006	7	141.900	8	141.720	12.685	139.900	139.775	0.125	101.5	225		
1.007	8	141.720	9*	138.925	25.690	139.200	138.220	0.980	26.2	225		

* HEADWALL TO EXISTING STREAM

SURFACE WATER NETWORK- NORTH (SW-N)												
Name	US Node	US Node CL (m)	DS Node	DS Node CL (m)	Length (m)	USIL (m)	DSLIL (m)	Fall (m)	Slope (1:X)	Dia (mm)		
1.001	1*	141.750	2	141.750	5.000	141.150	140.971	0.179	27.9	300		
1.001	2	141.750	3	141.000	29.135	139.971	139.200	0.771	37.8	300		
1.002	3	141.000	4	140.500	29.190	139.200	139.000	0.200	146.0	300		
1.003	4	140.500	5*	139.200	42.570	139.000	138.602	0.398	107.0	300		

* HEADWALL TO EXISTING ROADSIDE DITCH

GENERAL NOTES:

- NO DRAINAGE WORK MAY COMMENCE IN ADVANCE OF ALL OUTFALLS BEING CONFIRMED ON SITE TO THE ENGINEER.
- ALL NOTED LEVELS ARE TO ORDNANCE DATUM, MALIN HEAD.
- REFER TO LANDSCAPE ARCHITECT'S LAYOUT T FOR ALL SET-OUT INFORMATION.
- REFER TO LANDSCAPE ARCHITECT'S DESIGN DRAWINGS FOR DETAILS OF PROPOSED SURFACE FINISHES AND LANDSCAPING.
- REFER TO M&E/ARCHITECT'S DRAWINGS FOR DETAILS OF INTERNAL DRAINAGE.
- ALL SURFACE WATER DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE GREATER DUBLIN REGION CODE OF PRACTICE FOR DRAINAGE WORKS, THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.
- ALL WASTEWATER DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE UISECE ÉIREANN CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE (REVISION 2 - JULY 2020), THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.
- ALL DRAINAGE COVER LEVELS ARE TO BE COORDINATED WITH PROPOSED ROAD DESIGN LEVELS AND ARCHITECT'S / LANDSCAPE ARCHITECT'S PROPOSED FINISH LEVELS.
- ALL CONNECTIONS TO NEW DRAINAGE NETWORKS ARE TO BE MADE AT AN ANGLE OF 90° OR IN THE DIRECTION OF FLOW.
- REFER TO ARCHITECT AND M&E ENGINEERING DESIGN DRAWINGS FOR CONFIRMATION OF LOCATION AND SPECIFICATION OF FLOOR GULLIES.
- REFER TO M&E ENGINEERING DESIGN FOR CONFIRMATION OF WASTE AND SANITARY POP-UP/OUTLET LOCATIONS.
- THE CONTRACTOR IS TO VERIFY INVERT LEVEL AT PROPOSED CONNECTION TO EXISTING SEWERS, PRIOR TO ANY OTHER WORKS BEING CARRIED OUT, AND MAKE ANY DISCREPANCIES KNOWN TO THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF PRESENCE OF ALL EXISTING UTILITIES, IF ANY, ALONG ROUTE OF PROPOSED DRAINAGE NETWORKS - BY INTRUSIVE INVESTIGATION OR EQUAL.
- EXISTING SEWERS TO BE JET CLEANED AND CCTV SURVEYED PRIOR TO, AND AFTER PROPOSED CONNECTIONS FROM NEW NETWORK.
- ALL NEW DRAINAGE INFRASTRUCTURE TO BE JET CLEANED AND CCTV SURVEYED, WITH ANY NOTED DEFECTS REMEDIATED, ON COMPLETION OF WORKS, TO THE SATISFACTION OF THE LOCAL AUTHORITY.

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DESIGN TEAM DRAWINGS AND SPECIFICATIONS.

FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS. DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.

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Rev No.	Date	Revision Note	Drn by	Chkd by
P01	16-12-24	SUITABLE FOR PLANNING	ARS	KG

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Client: ZOLBURY LIMITED
Project: BLACKGLEN ROAD

Title: PROPOSED STORM WATER LAYOUT
SHEET 2 OF 2

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
Z040	OCSC	XX	XX	DR	C	0502	S4	P01
Date: DEC'24 Scale @ A1:1/500 Drn by: ARS Chkd by: KG Aprvd by: AH								

STORM WATER LEGEND:

SITE BOUNDARY

UPVC TWINWALL SURFACE WATER DRAINAGE OR SIMILAR APPROVED

SURFACE WATER DRAINAGE PRECAST CONCRETE MANHOLE (PER UISECE ÉIREANN COP FOR WASTEWATER INFRASTRUCTURE (REVISION 2-JULY 2020))

PROPOSED UPVC PERFORATED SURFACE WATER PIPE IN 900mm WIDE FILTER DRAIN (UNLESS NOTED OTHERWISE)

PROPOSED UPVC PERFORATED SURFACE WATER PIPE IN 500mm WIDE FILTER DRAIN (UNLESS NOTED OTHERWISE)

EXISTING STORM WATER LINE

PROPOSED 150mm Ø UPVC DRAINAGE CONNECTION

SURFACE WATER ATTENUATION

PERVIOUS PAVING

GRASSCRETE PAVING

SURFACE WATER SOAKAWAY

BIORETENTION AREA FOR ATTENUATION

GREEN ROOF EXTENT

GREEN-BLUE ROOF EXTENT

TREE PIT PER LANDSCAPE ARCHITECT'S SPECIFICATIONS - SEE SECTIONS ON DETAILS SHEET C-0520

RAIN GARDEN PER LANDSCAPE ARCHITECT'S SPECIFICATIONS - SEE SECTIONS ON DETAILS SHEET C-0520

CLASS 1 BYPASS FUEL SEPARATOR

PROPOSED ORIFICE PLATE

PROPOSED INSPECTION WELL

HEADWALL

TRAPPED ROAD GULLY & 150mm Ø UPVC CONNECTION PIPE

PLANNING DRAWING.
NOT FOR CONSTRUCTION.
ALL LEVELS GIVEN ARE
RELATIVE TO ORDNANCE DATUM.
THIS DRAWING HAS BEEN ISSUED FOR INFORMATION
PURPOSES ONLY AND MUST NOT BE USED
FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES