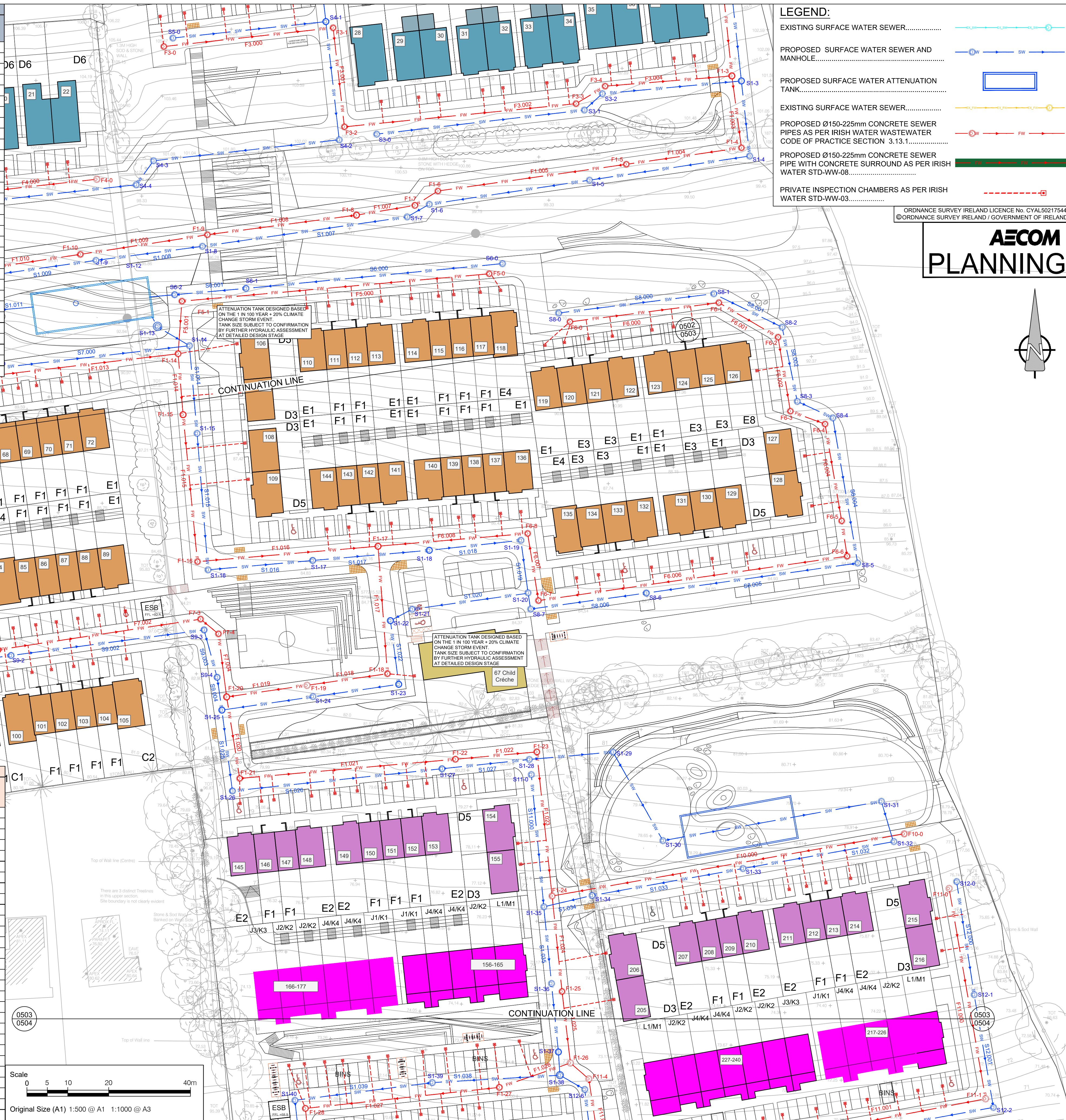


SURFACE WATER NETWORK DETAILS									
Pipe Number	US/MH Name	Pipe Length (m)	Fall (m)	Slope (1:X)	US/IL (m)	DS/IL (m)	US/CL (m)	Pipe DIA (mm)	US Cover Depth (m)
S1016	S1-16	33.486	0.558	80	86.092	85.534	88.414	375	1.947
S1017	S1-17	25.893	0.257	100	85.534	85.277	86.977	375	1.088
S1018	S1-18	28.701	0.287	100	85.277	84.990	86.812	375	1.160
S1019	S1-19	22.481	0.150	150	84.990	84.840	86.771	375	1.406
S1020	S1-20	16.476	0.110	150	84.840	84.730	86.935	375	1.720
S8.000	S8-0	38.260	0.478	80	91.700	91.222	93.142	225	1.217
S8.001	S8-1	18.620	0.233	80	91.222	90.989	93.314	225	1.867
S8.002	S8-2	18.523	0.232	80	90.989	89.768	92.654	225	2.429
S8.003	S8-3	9.580	0.220	44	89.300	89.080	91.228	225	1.703
S8.004	S8-4	36.029	1.710	21	88.200	86.290	90.284	225	2.059
S8.005	S8-5	52.204	1.044	50	86.290	85.246	87.703	225	1.188
S8.006	S8-6	28.584	0.357	80	85.246	84.889	87.159	225	1.688
S1021	S1-21	28.922	0.289	100	84.730	84.441	88.960	375	1.855
S1022	S1-22	5.980	0.060	100	84.441	84.381	86.900	300	2.159
S1023	S1-23	15.700	0.628	25	84.381	83.753	86.081	300	1.400
S1024	S1-24	43.705	2.185	20	83.000	80.815	84.900	300	1.600
S9.000	S9-0	35.012	0.233	150	78.500	78.267	79.766	300	0.966
S10.000	S10-0	35.450	0.443	80	80.600	80.157	81.992	225	1.167
S10.001	S10-1	21.177	0.265	80	80.157	79.892	82.168	225	1.784
S9.001	S9-1	28.181	0.141	200	78.267	78.126	81.321	300	2.754
S9.002	S9-2	47.606	0.238	200	78.126	77.888	81.760	300	3.334
S9.003	S9-3	12.032	0.060	201	77.888	77.828	82.299	300	4.111
S9.004	S9-4	8.097	0.040	202	77.828	77.788	82.213	300	4.085
S1025	S1-25	19.942	0.199	100	77.788	77.589	81.841	300	3.753
S1026	S1-16	51.540	1.289	40	77.589	76.300	80.199	300	2.310
S1027	S1-27	21.478	0.859	25	76.300	75.441	77.759	300	1.159
S1028	S1-28	38.237	1.912	20	75.000	73.088	76.886	300	1.586
S11.000	S11-0	37.487	0.730	51	75.000	74.270	76.961	225	1.736
S11.001	S11-1	37.487	0.937	40	74.270	73.333	75.694	225	1.189
S11.002	S11-2	12.395	0.413	30	73.258	72.845	74.631	300	1.073
S1029	S77	33.640	0.961	35	71.500	70.539	74.289	375	2.414

FOUL WATER NETWORK DETAILS									
Pipe Number	US/MH Name	Pipe Length (m)	Fall (m)	Slope (1:X)	US/IL (m)	DS/IL (m)	US/CL (m)	Pipe DIA (mm)	US Cover Depth (m)
F1.015	F1-15	36.096	1.141	32	86.151	85.010	88.779	225	2.403
F1.016	F1-16	44.321	0.222	200	85.010	84.788	87.472	225	2.237
F6.000	F6-0	36.716	0.612	60	91.332	90.720	92.682	150	1.200
F6.001	F6-1	16.755	0.279	60	90.720	90.441	92.300	150	1.430
F6.002	F6-2	18.342	0.864	21	90.441	89.577	91.965	150	1.374
F6.003	F6-3	9.033	0.895	13	89.500	88.805	90.927	150	1.277
F6.004	F6-4	24.025	1.848	13	88.805	86.957	90.155	150	1.200
F6.005	F6-5	8.731	0.275	32	86.957	86.682	88.318	150	1.211
F6.006	F6-6	76.268	0.953	80	86.682	85.729	88.032	150	1.200
F6.007	F6-7	16.621	0.208	80	85.729	85.521	87.100	150	1.221
F6.008	F6-8	36.726	0.288	128	85.446	85.158	87.152	225	1.481
F1.017	F1-17	31.207	1.419	22	84.621	83.202	87.348	225	2.500
F1.018	F1-18	19.888	0.903	22	82.194	81.291	85.018	225	2.599
F1.019	F1-19	19.868	0.903	22	79.791	78.888	83.416	225	3.400
F7.000	F7-0	41.539	0.692	60	78.050	77.358	79.400	150	1.200
F8.000	F8-0	35.918	0.599	60	81.075	80.476	82.425	150	1.200
F8.000	F8-0	18.080	0.301	60	81.345	81.044	82.695	150	1.200
F8.001	F8-1	10.776	0.180	60	80.476	80.296	82.600	150	1.974
F8.002	F8-2	10.776	0.180	60	78.900	78.720	82.010	150	2.960
F7.001	F7-1	22.991	0.115	200	77.283	77.168	81.420	225	3.912
F7.002	F7-2	50.143	0.251	200	77.168	76.917	81.850	225	4.457
F7.003	F7-3	5.668	0.028	200	76.917	76.889	82.128	225	4.986
F7.004	F7-4	15.552	0.078	200	76.889	76.811	82.155	225	5.041
F1.020	F1-20	20.177	0.101	200	76.811	76.710	81.813	225	4.777
F1.021	F1-21	52.965	0.265	200	76.710	76.445	80.414	225	3.479
F1.022	F1-22	19.986	0.908	22	76.445	75.537	78.226	225	1.556
F1.023	F1-23	37.453	1.702	22	74.455	72.753	77.026	225	2.346
F10.000	F10-0	87.705	1.462	60	74.290	72.828	76.620	150	2.180
F1.024	F1-24	21.461	0.976	22	71.964	70.988	74.178	225	1.989



PROJECT
PROPOSED RESIDENTIAL DEVELOPMENT AT GLOUNTHAUNE, CO. CORK

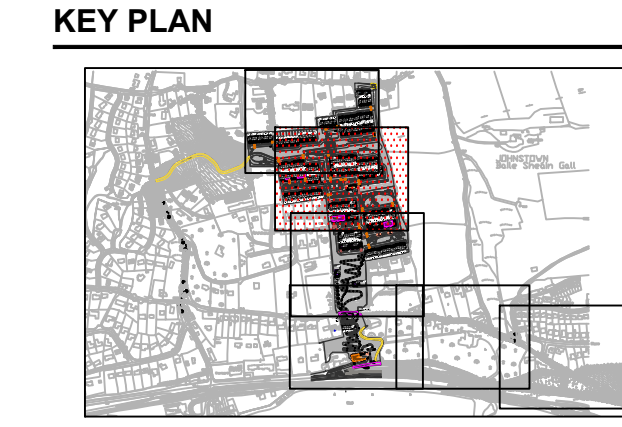
CLIENT
BLUESCAPE LTD

CONSULTANT
 AECOM
 Adelphi Plaza
 George's Street Upper
 Dun Laoghaire Co.Dublin
 +353 (0) 1 238 3100 tel
 +353 (0) 1 238 3199 fax
 www.aecom.com

- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS. ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER.
 - ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
 - AECOM LIMITED TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
 - DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
 - DO NOT SCALE. ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
 - REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR DETAILS OF OPEN SPACE AND LEVELS.
 - THE PROPOSED SURFACE WATER SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATION OF SECTION 3 OF "RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS" (DEPARTMENT OF ENVIRONMENT & LOCAL GOVERNMENT 1998).
 - ALL FOUL WATER DETAILS TO BE IN ACCORDANCE WITH THE IRISH WATER INFRASTRUCTURE STANDARD DETAILS AND CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE.
 - SURFACE WATER & FOUL WATER SEWER PIPES LESS THAN 1.2m BELOW THE ROAD SURFACE SHOULD BE PROTECTED FROM DAMAGE BY PROVIDING A 20mm CONCRETE HUNCH ENCASUREMENT NOT LESS THAN 100mm THICK & HAVING MOVEMENT JOINTS FORMED WITH COMPRESSIVE BOARD AT EACH SOCKET OR SLEEVE JOINT FACE.
 - ATTENUATION PROPOSALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF CORK COUNTY COUNCIL.
 - EXISTING INVERT LEVELS TO BE VERIFIED ON SITE BEFORE COMMENCING CONSTRUCTION.

ISSUE/REVISION

I/R	DATE	DESCRIPTION
0	03.12.2021	ISSUED FOR PLANNING



PROJECT NUMBER
 60592432

SHEET TITLE
 PROPOSED DRAINAGE LAYOUT SHEET 3 OF 7

SHEET NUMBER
 60592432-ACM-00-00-DR-CE-10-0503

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