FILTER DRAIN TO REAR OF RETAINING WALL ALONG FULL LENGTH, SEE DRAWING P1110 FOR DETAILS

MIDLETON WATER TREATMENT PLANT

Connection Point to New Surface Water Network in Public Road

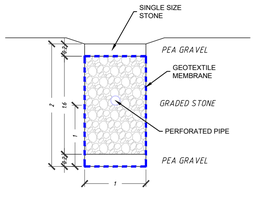
N

PART SITE LAYOUT - SOUTHERN SECTION - STORM LAYOUT

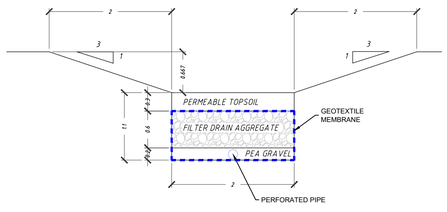
Scale 1 : 500

CastleRock Homes

Contours of existing ground levels, proposed development ground levels and property floor levels relative to Ordnance Datum (Malin Head).



Typical Filter Drain Detail



Typical Swale Detail

STORM MH SCHEDULE

S.W.M.H.	Cover Level (m)	Invert Level (m)	Depth (m)
30	64.857	60.506	4.351
31	61.630	58.873	2.757
32	61.764	58.421	3.343
33	61.464	57.358	4.106
34	59.550	56.739	2.811
35	55.577	51.514	4.063
36	53.610	49.598	4.012
37	52.070	49.073	2.997
38	51.857	48.077	3.780
39	50.934	45.964	4.970
40	48.320	44.656	3.664
41	46.700	43.167	3.533
42	45.000	43.096	1.904
43	40.740	39.165	1.575
44	35.422	32.606	2.816
45	35.614	30.473	5.141
46	33.640	30.046	3.594
47	33.300	29.668	3.632
48	31.300	28.457	2.843
49	30.200	28.434	1.766
50	61.500	59.127	2.373
51	59.450	57.342	2.108
52	52.380	49.797	2.583
53	51.280	44.674	6.606
54	56.391	54.636	1.755
55	55.430	54.005	1.425
56	53.826	52.401	1.425
57	56.557	53.208	3.349
58	59.380	56.824	2.556
59	39.710	33.862	5.848
60	36.750	32.727	4.023
61	59.450	52.884	6.566
62	40.720	39.420	1.300

STORM PIPE SCHEDULE

From	To	Length (m)	Slope (1:X)	Dia (mm)	US Depth (m)	DS Depth (m)
30	31	49.039	30.0	225	4.126	2.532
31	32	47.582	105.3	225	2.532	3.118
32	33	15.000	14.1	225	3.118	3.881
33	34	80.004	129.3	225	3.881	2.586
34	61	12.274	3.2	225	2.586	6.341
35	36	65.500	35.6	225	3.838	3.712
36	37	73.489	140.0	300	3.712	2.697
37	38	10.332	10.4	300	2.697	3.480
38	39	44.598	21.1	300	3.480	4.670
39	40	90.000	73.0	300	4.670	3.289
40	41	45.112	324.5	375	3.289	1.808
41	42	28.912	407.2	450	3.083	1.454
42	43	74.018	18.8	375	1.529	1.200
43	44	35.173	5.4	375	1.200	2.441
44	45	21.042	9.9	375	2.441	4.766
45	46	35.283	82.7	375	4.766	3.219
46	47	11.001	29.1	375	3.219	3.257
47	48	15.655	14.7	375	3.257	2.318
48	49	11.031	479.6	525	2.318	1.241
50	51	67.000	39.2	225	2.148	1.808
51	52	24.870	3.3	300	1.808	2.283
52	53	27.934	5.5	300	2.283	6.306
53	41	37.413	27.6	300	6.306	3.083
54	55	45.865	72.7	225	1.530	1.200
55	56	52.041	32.4	225	1.200	1.200
56	52	58.809	40.7	225	1.200	1.200
57	35	69.003	169.5	225	3.124	2.551
58	34	9.945	116.9	225	2.331	2.586
59	45	76.852	169.7	225	5.623	1.980
60	46	81.141	158.5	225	3.798	1.200
61	59	17.526	12.8	225	6.341	3.838
62	44	86.142	13.2	100	1.200	2.441

Notes:
1. This drawing is for the purpose of the stage indicated only. - If in doubt ask.
2. Do not scale, figured dimensions only to be taken.
3. Engineer/Architect to be informed of any discrepancies before work proceeds.
4. Contractor to check all dimensions and conditions on site before commencing works.
5. Drawing to be read in conjunction with current Building Regulations.
6. All components and materials to be installed fully in accordance with manufacturers instructions.

NOTE:-
ALL STORM WATER SEWER PIPES TO BE MINIMUM 225mm Ø
STORM SEWERS PIPE MATERIAL IS TO BE UN-PLASTICIZED POLYVINYLCHLORIDE PVC-U PIPES AND FITTINGS IN ACCORDANCE WITH I.S.424.
CONCRETE: TO IS EN 1916 (2002), BS 5911, PART 1 (2002-2010) AND IS 6 (2004).
THERMOPLASTIC STRUCTURED WALL PIPES:
TO IS EN 13476 (2007/2009) (SN8 STIFFNESS CLASS).
UNPLASTICISED PVC: TO IS EN 1401 (2009-2012) (SN8 STIFFNESS CLASS).

2250 Foul @ 1/69 — Proposed Foul Sewer and Manhole

SWMH 05
C.L.=51.45
I.L.=50.705
225 Ø Pipe @ 1/60 — Proposed Storm Sewer and Manhole

Rev	Date	Description	Drawn	Chk'd
A	09/10/2023	ISSUED FOR PLANNING APPLICATION	JB	BOK/GF

BRIAN O KENNEDY & ASSOCIATES LTD
Engineers+Architects
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Tel: 021-4899854
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Email: info@bok.ie
Web: www.bok.ie
ENGINEERING | ARCHITECTURE | ASSIGNED CERTIFIERS
FIRE CERTIFICATES | DAC | PSDP | CONSERVATION

Drawing Status: LRD PLANNING APPLICATION
Client: CASTLE ROCK HOMES MIDLETON LTD.
Project: RESIDENTIAL DEVELOPMENT - BROOMFIELD MIDLETON
Drawing: PROPOSED PART SITE LAYOUT PLAN SOUTHERN SECTION - STORM LAYOUT
Date: 28-04-23
Scale: 1:500 @ A1
Drawing number: 22/6732-P-1321
Rev: A
Drawn: JB
Chk'd: GF