



THE INFORMATION ON THIS DRAWING IS TO THE TAILTE ÉIREANN - SURVEYING ITM COORDINATE SYSTEM

- LEGEND:**
- PROPOSED LAND DRAIN 225Ø PERFORATED PIPE ---
  - PROPOSED 225Ø STORM SEWER PIPE — S8 1/18
  - PROPOSED POND ▭
  - EXISTING STORM SEWER ---
  - PROPOSED LOCKABLE GULLY WITH 150MM CONNECTION —
  - PROPOSED ATTENUATION TANK ▨
  - EXISTING STORM WATER DRAIN ---
  - CONCRETE COVER ---

- NOTES:**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
  2. ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE.
  3. ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES.
  4. THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES.
  5. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD.

MH No.	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)
HB2	22.166	21.480	0.536
S1	20.170	18.480	1.540
S2	28.950	27.100	1.700
S3	31.313	28.247	2.841
S4	33.491	30.590	2.676
S5	33.863	31.780	1.858
S6	32.482	30.880	1.377
S7	29.863	28.710	0.928
S8	27.741	25.560	1.956
S9	24.634	22.409	2.000
S10	23.513	20.363	3.000
S11	28.889	27.010	1.654
S12	24.080	21.930	2.000
S13	25.911	24.436	1.250
S14	29.536	28.061	1.250
S15	31.621	30.146	1.250
S16	33.251	31.776	1.250
S17	33.911	31.970	1.716
S18	32.979	30.570	2.184
S19	30.943	28.560	2.158
S2.6	27.623	26.040	1.358
S2.7	27.328	25.740	1.363
S2.8	25.454	23.930	1.299
S2.9	24.622	23.170	1.227
S2.11	24.039	22.640	1.174
S2.12	23.596	21.746	1.625
S2.13	24.448	23.550	0.673
S2.14	25.933	24.020	1.688
S2.15	25.937	24.060	1.652
S2.16	25.659	24.233	1.201
S2.17	26.376	24.500	1.651
S2.18	29.022	28.146	0.651
S2.19	29.638	28.763	0.650
S2.20	29.629	28.204	1.200
S2.21	28.461	27.036	1.200
S2.22	26.073	24.648	1.200
S2.23	24.600	23.175	1.200
S2.24	24.369	22.944	1.200
S2.25	24.222	22.797	1.200
S2.26	23.574	21.650	1.699
S2.27	23.878	22.453	1.200
S2.28	24.666	23.160	1.281
S2.29	25.384	23.770	1.389
S2.30	27.481	25.956	1.300
S2.31	27.760	26.181	1.354
S2.32	28.318	26.620	1.473
S2.35	28.679	26.800	1.654
S2.39	22.681	21.529	1.003
S2.41	28.324	26.700	1.399
S2.45	21.926	21.300	0.476
S2.46	23.725	22.986	0.589
S3.1	29.615	28.740	0.650
S3.2	25.665	24.790	0.650
S3.4	21.283	20.408	0.650
S3.5	20.815	19.350	1.240
S3.6	20.448	19.574	0.650
S3.8	20.330	19.280	0.825
S3.9	20.902	18.960	1.718
S3.10	23.150	22.125	0.800
S3.11	26.823	25.798	0.800
S3.12	29.603	28.577	0.800
S3.14	20.422	19.150	1.047
S3.15	21.066	18.760	2.156

**NOTES:**

ALL WORKS WILL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE TAILTE ÉIREANN (UE) CODE OF PRACTICE (COP) FOR WASTEWATER INFRASTRUCTURE IW-CDS-5030-03 AND UE STANDARD DETAILS IW-CDS-5030-01. THE CONTRACTOR SHALL ENSURE IRISH WATER CONNECTION DETAILS ARE ADHERED TO. REFER TO STANDARD DETAILS AVAILABLE FROM <https://www.water.ie/connections/developer-services/>

INDIVIDUAL WASTEWATER SERVICE CONNECTIONS TO EACH DWELLING ARE SHOWN INDICATIVELY. FINAL DESIGN WILL BE CONFIRMED WITH M&E DESIGNER AND SHALL BE AS PER STANDARD DETAILS STD-WW-02, STD-WW-03, STD-WW-04 AND STD-WW-05 & 05A.

INDIVIDUAL STORM SEWER CONNECTIONS TO EACH DWELLING ARE SHOWN INDICATIVELY. FINAL LOCATIONS TO BE CONFIRMED WITH M&E DESIGNER.

ALL STORM SERVICE CONNECTIONS TO BE LAID AT MINIMUM 1:80 GRADE.

INSPECTION CHAMBERS SHALL BE IN COMPLIANCE WITH STANDARD DETAILS STD-WW-03 AND STD-WW-13 AND WILL BE LOCATED WITHIN 1.0m OF EACH PROPERTY BOUNDARY.

GRAVITY SEWER PIPE MATERIALS USED SHALL BE IN COMPLIANCE WITH SECTION 3.13 OF THE CODE OF PRACTICE. UNPLASTICISED PVC PIPES AND FITTINGS SHALL BE OF STIFFNESS CLASS OF 8kN/m<sup>2</sup>.

PIPE MATERIALS WILL BE UNPLASTICISED PVC (WAVSPEC SN8 OR SIMILAR) FOR THE MAIN SEWERS AS PER SECTION 3.13.3 OF THE CODE OF PRACTICE.

MANHOLES ARE REQUIRED TO CONFORM TO STANDARD DETAILS STD-WW-09, STD-WW-10, STD-WW-11 AND/OR STD-WW-12 AS APPROPRIATE.

SEPARATION DISTANCES OF FOUL SEWERS TO STRUCTURES AND OTHER UTILITIES WILL COMPLY WITH SECTION 3.5 OF THE CODE OF PRACTICE.

REFER TO SECTIONS 3.5.16, 3.5.17 AND 3.5.18 OF THE WASTEWATER CODE OF PRACTICE FOR UNAVOIDABLE SERVICE CROSSINGS.

REFER TO STANDARD DETAILS STD-WW-06, STD-WW-06A AND STD-W-12A AND SECTION 3.21 OF THE CODE OF PRACTICE FOR PLANTING RESTRICTIONS TO WATER AND WASTE WATER INFRASTRUCTURE. IF REQUIRED, ROOT PROTECTION TO BE ReRoot 2000 OR SIMILAR.

MANHOLE COVERS SHALL BE SET IN POSITION FLUSH WITH FINISHED GROUND SURFACE, WHETHER ROAD, PAVEMENT OR OPEN GROUND.

REFER TO SECTION 3.5.14 OF THE IW COP FOR GUIDANCE ON STAGGERING OF FOUL AND STORM MANHOLES.

ALL STORM SEWER AND FOUL SEWER PIPES TO BE LAID WITH MINIMUM 1200mm COVER TO CROWN OF PIPES IN ROADS AND DRIVEWAYS AND MINIMUM 900mm COVER IN OPEN SPACES & FOOTPATHS NOT ADJACENT TO CARRIAGEWAYS. WHERE IT IS NOT POSSIBLE TO ACHIEVE THESE MINIMUM COVER DEPTHS, PIPES SHALL BE BEDDED AND ENCASED IN CONCRETE 150mm THICK.

AS PER SECTION 3.5.16 OF THE CODE OF PRACTICE, EXTERNAL FACE OF PROPOSED MANHOLE TO BE MINIMUM 0.5m FROM KERB LINE AND EXTERNAL FACE OF SEWERS TO BE A MINIMUM OF 1.0m FROM KERB LINE.

ALL INSPECTION CHAMBERS LOCATED IN TRAFFICKED AREAS SHALL BE D400 RATED.

Rev	Date	Description	By	Chkd.
D2	26.03.2026	Issue for Planning	CP	NG
D1	26.01.2026	Revised Draft Issue	IH	NG
D0	25.06.2025	RSA Issue	AO	MG

Client: **Kilkenny County Council**

Project: **IDA Belview Infrastructure Development**

Title: **Proposed Stormwater Layout Sheet 1 of 2**

Scale @ A1: **1:1000**

Prepared by: **SB** Checked by: **SB** Date: **14.10.2024**

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