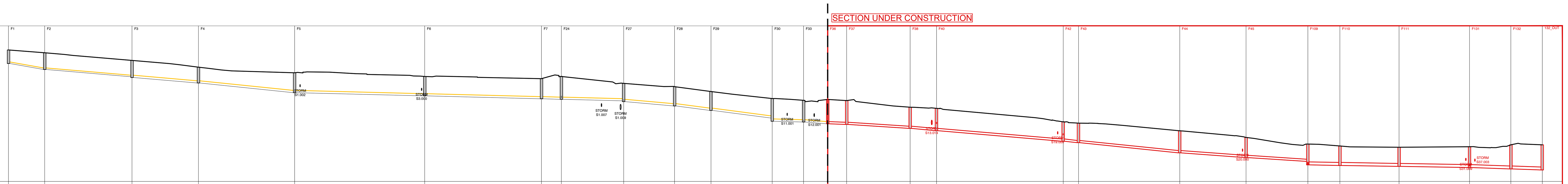
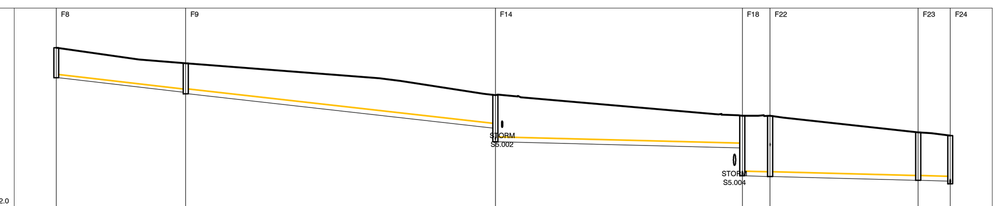


Vert exaggeration = 5.0 Datum = 25.0

Link Name	Section Type	Slope (1:X)	Length (m)
F1.000	150mm	1:30.3	18.025
F1.001	150mm	1:60.0	43.485
F1.002	225mm	1:60.0	33.097
F1.003	225mm	1:50.0	47.886
F1.004	225mm	1:200.0	64.816
F1.005	225mm	1:200.0	58.156
F1.006	225mm	1:200.0	9.913
F1.007	225mm	1:200.0	31.008
F1.008	225mm	1:60.0	25.366
F1.009	225mm	1:40.0	18.131
F1.010	225mm	1:40.0	30.503
F1.011	225mm	1:200.0	15.617
F1.012	225mm	1:66.0	12.004
F1.013	225mm	1:150.1	9.459
F1.014	225mm	1:80.1	31.621
F1.015	225mm	1:59.9	13.111
F1.016	225mm	1:60.0	63.098
F1.017	225mm	1:50.1	7.615
F1.018	225mm	1:50.0	50.423
F1.019	225mm	1:70.0	33.049
F1.020	225mm	1:80.1	30.751
F1.021	300mm	1:301.8	15.993
F1.022	300mm	1:300.6	29.462
F1.023	300mm	1:299.9	35.084
F1.024	300mm	1:150.3	20.590
F1.025	300mm	1:150.6	15.659

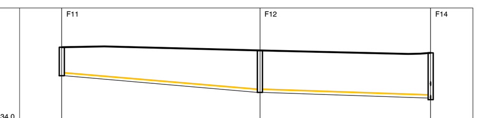
Node	Cover Level (m)	Invert Level (m)	Node Depth (m)
F1	38.099	36.749	1.350
F2	37.811	36.154 / 36.154	1.657
F3	37.058	35.429 / 35.354	1.704
F4	36.377	34.802 / 34.802	1.575
F5	35.819 / 35.917	33.844 / 33.844	1.975
F6	35.457 / 35.497	33.520 / 33.520	1.937
F7	35.243	33.229 / 33.229	2.014
F24	35.461 / 34.729	33.179 / 33.179	2.282
F27	34.768	33.024 / 32.951	1.817
F28	34.440	32.528 / 32.528	1.912
F29	33.957	32.075 / 32.075	1.882
F30	33.258	31.312 / 31.000	2.258
F33	33.079 / 32.805	30.922 / 30.922	2.157
F36	33.175	30.740 / 30.740	2.435
F37	33.061	30.677 / 30.677	2.384
F38	32.391	30.282 / 30.282	2.109
F40	32.286	30.063 / 30.063	2.223
F42	30.941	29.011 / 29.011	1.930
F43	30.812	28.859 / 28.859	1.953
F44	30.049	27.851 / 27.851	2.198
F45	29.390	27.379 / 27.379	2.011
F109	28.725	26.995 / 26.651	2.074
F110	28.532	26.598 / 26.598	1.934
F111	28.402	26.500 / 26.500	1.902
F131	28.464 / 28.361	26.383 / 26.383	2.081
F132	28.649	26.246 / 26.246	2.403
132_OUT	28.646	26.142	2.504



Vert exaggeration = 5.0 Datum = 32.0

Link Name	Section Type	Slope (1:X)	Length (m)
F2.000	150mm	1:45.0	30.677
F2.001	225mm	1:45.0	73.398
F2.002	225mm	1:200.0	58.542
F2.003	225mm	1:200.0	6.575
F2.004	225mm	1:200.0	35.105
F2.005	225mm	1:200.0	7.588

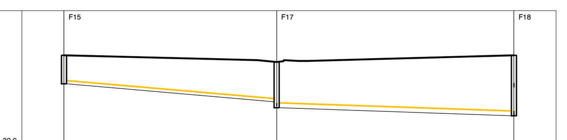
Node	Cover Level (m)	Invert Level (m)	Node Depth (m)
F8	39.625	38.200	1.425
F9	38.886	37.518 / 37.443	1.443
F14	37.381	35.812 / 35.170	2.211
F18	36.396	34.877 / 33.550	2.846
F22	36.398	33.517 / 33.517	2.881
F23	35.607	33.341 / 33.341	2.266
F24	35.461	33.303	2.282



Vert exaggeration = 5.0 Datum = 34.0

Link Name	Section Type	Slope (1:X)	Length (m)
F3.000	150mm	1:60.0	46.924
F3.001	150mm	1:150.0	40.400

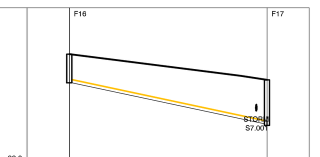
Node	Cover Level (m)	Invert Level (m)	Node Depth (m)
F11	37.646 / 37.681	36.296	1.350
F12	37.494	35.514 / 35.514	1.980
F14	37.326 / 37.381	35.245	2.211



Vert exaggeration = 5.0 Datum = 32.0

Link Name	Section Type	Slope (1:X)	Length (m)
F4.000	150mm	1:59.5	50.435
F4.001	225mm	1:150.0	56.229

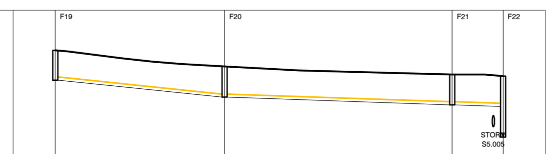
Node	Cover Level (m)	Invert Level (m)	Node Depth (m)
F15	36.403	35.053	1.350
F17	36.083	34.205 / 33.925	2.158
F18	36.396	33.550	2.846



Vert exaggeration = 5.0 Datum = 32.0

Link Name	Section Type	Slope (1:X)	Length (m)
F5.000	150mm	1:24.0	46.767

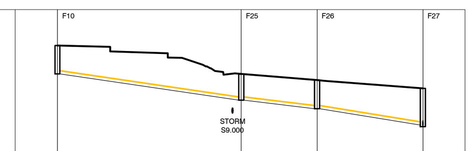
Node	Cover Level (m)	Invert Level (m)	Node Depth (m)
F16	37.298	35.948	1.350
F17	36.083	34.000	2.158



Vert exaggeration = 5.0 Datum = 32.0

Link Name	Section Type	Slope (1:X)	Length (m)
F6.000	150mm	1:50.0	40.099
F6.001	150mm	1:150.0	53.975
F6.002	150mm	1:150.0	12.089

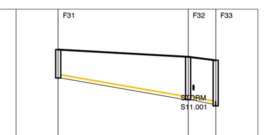
Node	Cover Level (m)	Invert Level (m)	Node Depth (m)
F19	37.607	36.200	1.407
F20	36.849	35.398 / 35.398	1.451
F21	36.475	35.038 / 35.038	1.437
F22	36.398	34.957	2.881



Vert exaggeration = 5.0 Datum = 31.0

Link Name	Section Type	Slope (1:X)	Length (m)
F7.000	150mm	1:35.0	43.570
F7.001	150mm	1:45.0	17.982
F7.002	150mm	1:32.1	25.081

Node	Cover Level (m)	Invert Level (m)	Node Depth (m)
F10	36.803	35.453	1.350
F25	35.417 / 35.448	34.208 / 34.208	1.240
F26	35.165	33.806 / 33.806	1.357
F27	34.768	33.026	1.817

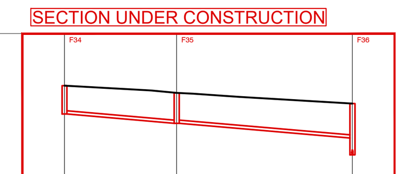


Vert exaggeration = 5.0 Datum = 29.0

Link Name	Section Type	Slope (1:X)	Length (m)
F8.000	150mm	1:30.0	30.822
F8.001	150mm	1:30.0	6.525

Node	Cover Level (m)	Invert Level (m)	Node Depth (m)
F31	33.593	32.243	1.350
F32	33.246	31.216 / 31.216	2.030
F33	33.079	30.998	2.157

SECTION UNDER CONSTRUCTION

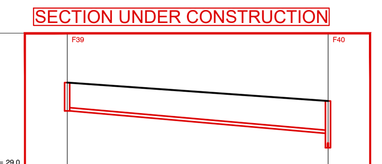


Vert exaggeration = 5.0 Datum = 29.0

Link Name	Section Type	Slope (1:X)	Length (m)
F9.000	150mm	1:59.9	26.610
F9.001	150mm	1:60.0	41.721

Node	Cover Level (m)	Invert Level (m)	Node Depth (m)
F34	34.032	32.682	1.350
F35	33.682	32.238 / 32.238	1.444
F36	33.175	31.543	2.435

SECTION UNDER CONSTRUCTION

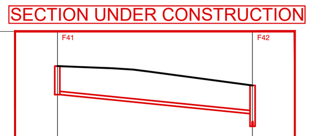


Vert exaggeration = 5.0 Datum = 29.0

Link Name	Section Type	Slope (1:X)	Length (m)
F10.000	150mm	1:58.4	61.798

Node	Cover Level (m)	Invert Level (m)	Node Depth (m)
F39	33.158	31.808	1.350
F40	32.286	30.749	2.223

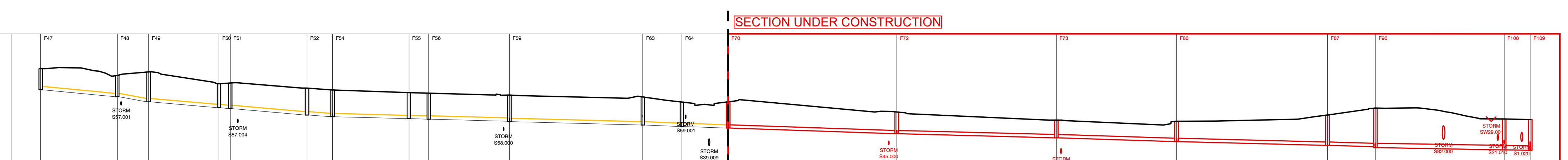
SECTION UNDER CONSTRUCTION



Vert exaggeration = 5.0 Datum = 28.0

Link Name	Section Type	Slope (1:X)	Length (m)
F11.000	150mm	1:51.6	46.189

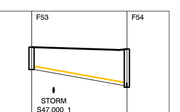
Node	Cover Level (m)	Invert Level (m)	Node Depth (m)
F41	31.859	30.509	1.350
F42	30.941	29.614	1.930



Vert exaggeration = 5.0 Datum = 25.0

Link Name	Section Type	Slope (1:X)	Length (m)
F12.000	225mm	1:55.6	25.864
F12.001	225mm	1:30.8	10.606
F12.002	225mm	1:60.0	23.762
F12.003	225mm	1:60.1	3.786
F12.004	225mm	1:60.0	25.933
F12.005	225mm	1:75.2	8.649
F12.006	225mm	1:200.0	25.801
F12.007	225mm	1:200.0	6.710
F12.008	225mm	1:200.0	27.270
F12.009	225mm	1:200.0	45.027
F12.010	225mm	1:122.3	13.209
F12.013	225mm	1:148.9	15.633
F12.014	225mm	1:150.0	56.989
F12.015	225mm	1:199.6	53.901
F12.016	225mm	1:156.8	40.623
F12.017	225mm	1:200.0	51.004
F12.018	225mm	1:199.4	16.154
F12.019	300mm	1:300.2	43.535
F12.020	300mm	1:303.4	8.798

Node	Cover Level (m)	Invert Level (m)	Node Depth (m)
F47	32.150 / 32.218	30.725	1.425
F48	31.686	30.260 / 30.260	1.426
F49	31.932	29.916 / 29.916	2.016
F50	31.136	29.520 / 29.520	1.616
F51	31.182	29.457 / 29.457	1.725
F52	30.835	29.025 / 29.025	1.810
F54	30.711	28.910 / 28.910	1.801
F55	30.539	28.781 / 28.781	1.758
F56	30.496	28.747 / 28.747	1.749
F59	30.375 / 30.155	28.611 / 28.583	1.792
F63	30.249	28.368 / 28.358	1.891
F64	29.904 / 29.873	28.250 / 28.250	1.654
F70	29.913	28.145 / 28.145	1.768
F72	29.232	27.765 / 27.765	1.467
F73	28.688 / 28.360	27.495 / 27.495	1.193
F86	28.611	27.236 / 27.236	1.375
F87	29.024	26.981 / 26.981	2.043
F96	29.494 / 29.512	26.900 / 26.825	2.669
F108	28.764	26.680 / 26.680	2.084
F109	28.725	26.651	2.074



Vert exaggeration = 5.0 Datum = 27.0

Link Name	Section Type	Slope (1:X)	Length (m)
F13.000	150mm	1:29.6	22.530

Node	Cover Level (m)	Invert Level (m)	Node Depth (m)
F53	30.796	29.746	1.050
F54	30.711	28.985	1.801

NOTES

1. NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF AKM DESIGN AS COPYRIGHT HOLDER, EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DRAWING IS ORIGINALLY ISSUED.
2. ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. DISCREPANCIES SHALL BE REPORTED TO THIS OFFICE IN WRITING.

WASTEWATER

1. WASTEWATER SERVICES ARE TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE DOC IW-CDS-5030-03.
2. ALL INFRASTRUCTURE WILL BE PROVIDED IN LINE WITH THE IRISH WATER STANDARD DETAILS.
3. uPVC SN8 PIPES TO BE USED FOR FOUL WASTEWATER SEWER LAYOUT IN ACCORDANCE TO SECTION 3.13.
4. MANHOLES LOCATED IN GRASS AREAS ARE TO BE SURROUNDED BY A CONCRETE PLINTH, 200MM ALL ROUND AND 100MM DEEP FORMED OF C20/25 CONCRETE, 20MM AGGREGATE SIZE BEDDED IN CASE 804 MATERIAL.
5. MANHOLES DEEPER THAN 3m AND LESS THAN 6m TO BE CONSTRUCTED AS PER IW-CDS-5030-03 SECTION 3.12.
6. SEWER SPACINGS TO BE AS PER IRISH WATER STANDARD DETAIL STD-WW-05:
   - ALL SEWER PIPES TO BE A MINIMUM OF 300mm AWAY FROM OUTSIDE OF MANHOLES.
   - ALL SEWER PIPES TO BE A MINIMUM OF 1000mm AWAY FROM ROAD KERBS.
   - ALL MANHOLES TO BE A MINIMUM OF 500mm AWAY FROM ROAD KERBS.
7. ALL PIPE CROSSINGS WITH LESS THAN 300mm VERTICAL CLEARANCE TO BE ENCASED IN CONCRETE.
8. THE BRIDGE CONNECTION BETWEEN F155 AND F156 SHALL BE CONSTRUCTED USING DUCTILE IRON PIPEWORK WITH STRUCTURAL SUPPORTS AND PIERS DESIGNED IN ACCORDANCE WITH CODE OF PRACTICE AND RELEVANT STRUCTURAL EUROCODES.
9. ALL MANHOLES LOCATED BELOW THE MAXIMUM GROUNDWATER LEVEL ARE TO BE CONCRETE ENCASED AS PER UISCE ÉIREANN STANDARD DETAIL STD-WW-10A.

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DESCRIPTION	REV	DATE
FIRST ISSUE	00	03/26

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STAGE: S2 - FOR INFORMATION

DRAWN BY:	APPROVED BY:	AKM JOB NUMBER:
DM	CK	25051
DATE: 03/26		SCALE: HORIZ 1:1500 @ A1 VERT 1:250 @ A1
REVISION NUMBER: 00		SEQUENCE NUMBER: 410001

25051-AKM-XXXX-XX-DR-C01-410001

PROJECT TITLE:
25051- FINGAL MOORETOWN PHASE 2

DRAWING TITLE:
PROPOSED FOUL SECTION
SHEET 1 OF 3

CLIENT:
FINGAL COUNTY COUNCIL