



### LEGEND:

- EXISTING SURFACE WATER SEWER
- EXISTING FOUL WATER SEWER
- EXISTING WATERMAIN
- EXISTING SURFACE WATER MANHOLE
- EXISTING FOUL WATER MANHOLE
- PROPOSED SURFACE WATER SEWER
- PROPOSED FOUL WATER SEWER
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED FOUL WATER MANHOLE
- PROPOSED ATTENUATION TANK IN BASEMENT
- PROPOSED DN80 SURFACE WATER RISING MAIN
- EXTENT OF PROPOSED DEVELOPMENT

#### PROPOSED FOUL MANHOLE

Name	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
FMH 1.0	90.500	1200	709499.165	727736.018	2.150
FMH 1.1	90.550	1200	709512.310	727745.543	3.480
FMH 2.0	90.110	1200	709471.649	727775.347	0.620
FMH 2.1	90.110	1200	709466.556	727779.751	0.620

#### PROPOSED FOUL PIPES

Name	US Node	DS Node	Length (m)	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	US Depth (m)	DS Depth (m)
F1.000	FMH 1.0	FMH 1.1	16.233	88.350	87.070	1.280	12.7	150	2.000	3.330
F2.000	FMH 2.0	FMH 2.1	15.544	89.490	89.290	0.200	77.7	150	0.470	0.670

#### PROPOSED STORM MANHOLES

Name	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
SMH 1.0	88.035	1200	709490.729	727724.901	1.350
SMH 1.1	88.035	1200	709489.050	727733.317	1.495
SMH 1.2	88.035	1200	709481.695	727735.483	1.624
SMH 1.3	88.035	1200	709482.144	727748.290	1.663
SMH 1.4	88.035	1200	709461.829	727750.071	2.011
SMH 1.5	88.035	1200	709460.563	727743.687	2.121
SMH 1.6	88.035	1200	709458.123	727744.151	2.238
Attenuation Tank & Pump	88.035	1200	709460.329	727754.126	2.298
SMH 2.0	90.140	1500	709476.622	727783.311	1.365
SMH 2.1	90.140	1500	709460.984	727782.945	1.392
SMH 2.2 Outfall	90.400	1200	709453.012	727784.566	1.700
SMH 1.7	91.290	1200	709446.543	727744.269	1.777
SMH 1.8 Outfall	91.290	1200	709444.675	727744.659	1.810

#### PROPOSED STORM PIPES

Name	US Node	DS Node	Length (m)	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	US Depth (m)	DS Depth (m)
S1.008	SMH 1.6	Attenuation Tank & Pump	10.216	85.797	85.737	0.060	170.0	225	2.013	2.073
S1.005	SMH 1.5	SMH 1.6	2.484	85.914	85.872	0.042	59.1	150	1.971	2.013
S1.004	SMH 1.4	SMH 1.5	6.508	86.024	85.914	0.110	59.2	150	1.861	1.971
S1.003	SMH 1.3	SMH 1.4	20.664	86.372	86.024	0.348	59.4	150	1.513	1.861
S1.002	SMH 1.2	SMH 1.3	10.816	86.411	86.372	0.039	277.3	150	1.474	1.513
S1.001	SMH 1.1	SMH 1.2	7.667	86.540	86.411	0.129	59.4	150	1.345	1.474
S1.000	SMH 1.0	SMH 1.1	8.582	86.685	86.540	0.145	59.2	150	1.200	1.345
S2.001	SMH 2.1	SMH 2.2 Outfall	8.136	88.748	88.700	0.048	170.0	225	1.167	1.215
S2.000	SMH 2.0	SMH 2.1	15.642	88.775	88.748	0.027	580.0	600	0.765	0.792
S1.007	SMH 1.7	SMH 1.8 Outfall	1.908	86.513	86.480	0.033	57.8	225	1.552	1.585

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Rev	By	Date	Rev	By	Date	Client:
CD1	IBS	14/05/2021				

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Project: 202253-PUNCH-XX-XX-DR-C-0100  
 Scale: 1:200  
 Date: 202253-PUNCH-XX-XX-DR-C-0100

Client: GREENHILLS ROAD DEVELOPMENT, TALLAGHT, DUBLIN 24  
 Title: PROPOSED GROUND FLOOR DRAINAGE LAYOUT  
 Drawing No: AD PLANNING  
 Revision: C01