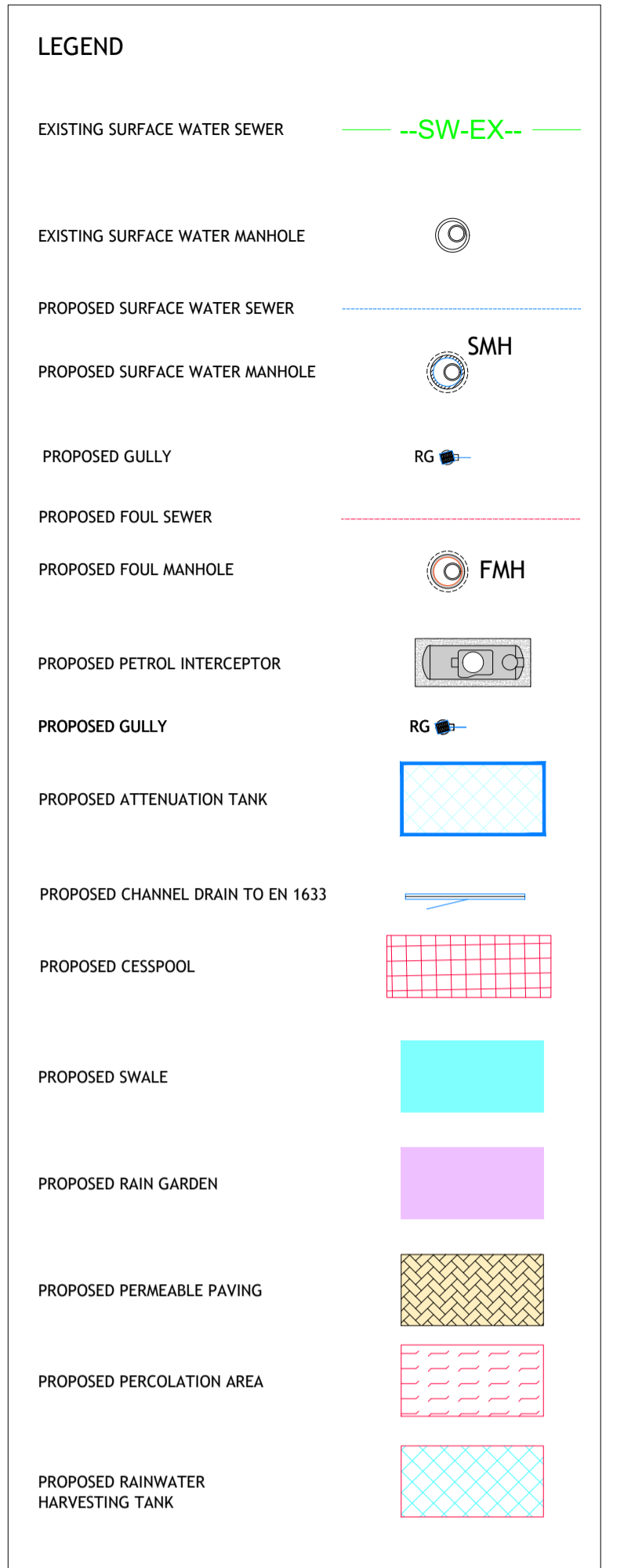


PLAN 1  
SCALE 1:500



NOTES:  
1. GULLY LAYOUT INDICATIVE AND TO BE DEPENDENT ON FINISHED LEVELS.

PROPOSED STORM MANHOLES					
Name	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
SMH 3-0	50.100	1200	706433.458	735336.066	0.975
SMH 3-1	50.150	1200	706466.756	735353.126	1.246
SMH 1-0	51.500	1200	706483.204	735265.765	2.300
SMH 2-0	52.200	1200	706513.687	735262.700	2.500
SMH 1-1	51.300	1200	706502.779	735285.001	2.213
SMH 3-2	50.150	1200	706482.229	735325.529	1.376
SMH 1-2	50.600	1200	706493.427	735303.043	1.596
SMH 1-3	50.250	1200	706488.759	735312.099	1.538
SMH 4-0	50.000	1200	706435.908	735320.043	1.221
SMH 4-1	50.150	1200	706443.923	735303.717	1.445
SMH 4-2	50.150	1200	706476.519	735320.635	1.593
SMH 1-4	50.100	1350	706482.570	735308.856	1.609
PI	50.100	1350	706476.185	735305.590	1.638
HYDROBRAKE	50.200		706453.764	735294.176	1.841
SMH 1-5	50.200	1350	706444.491	735298.948	1.884
Outfall Existing SMH	50.380	1350	706438.868	735295.139	2.092

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)
S 1.5000	SMH 1-5	Outfall Existing SMH	6.792	48.316	48.288	0.028	242.6	375	1.509	1.717
S 1.401	HYDROBRAKE	SMH 1-5	10.429	48.359	48.316	0.043	242.5	375	1.466	1.509
S 1.402	PI	HYDROBRAKE	25.159	48.462	48.359	0.103	244.3	375	1.263	1.466
S 1.400	SMH 1-4	PI	7.172	48.491	48.462	0.029	247.3	375	1.234	1.263
S 1.300	SMH 1-3	SMH 1-4	6.987	48.712	48.491	0.221	31.6	300	1.238	1.309
S 4.200	SMH 4-2	SMH 1-4	13.242	48.557	48.491	0.066	200.6	300	1.293	1.309
S 4.100	SMH 4-1	SMH 4-2	36.725	48.705	48.557	0.148	248.1	300	1.145	1.293
S 4.000	SMH 4-0	SMH 4-1	18.187	48.779	48.705	0.074	245.8	300	0.921	1.145
S 3.200	SMH 3-2	SMH 1-3	14.933	48.774	48.712	0.062	240.9	300	1.076	1.238
S 1.200	SMH 1-2	SMH 1-3	10.188	49.004	48.962	0.042	242.6	300	1.296	0.988
S 1.100	SMH 1-1	SMH 1-2	20.322	49.087	49.004	0.083	244.8	300	1.913	1.296
S 1.000	SMH 1-0	SMH 1-1	27.445	49.200	49.087	0.113	242.9	300	2.000	1.913
S 2.000	SMH 2-0	SMH 1-1	24.826	49.700	49.598	0.102	243.4	300	2.200	1.402
S 3.100	SMH 3-1	SMH 3-2	31.639	48.904	48.774	0.130	243.4	300	0.946	1.076
S 3.000	SMH 3-0	SMH 3-1	37.414	49.125	48.904	0.221	169.3	225	0.750	1.021

PROPOSED FOUL MANHOLE					
Name	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
FMH 1-0	50.150	1200	706473.334	735334.164	1.250
FMH 1-1	49.800	1200	706460.199	735359.797	1.381

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)
F 1.000	FMH 1-0	FMH 1-1	28.802	48.900	48.419	0.481	59.9	150	1.100	1.231

Rev	By	Date	Rev	By	Date
C01	RD	2022/08/18			

Amendment	Amendment

SOUTH DUBLIN COUNTY COUNCIL