



NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - 'ASK'.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

CIVIL LEGEND

EX. FOUL MANHOLE	Ex.F
EX. FOUL PIPE	PIPE DESCRIPTION
NEW FOUL MANHOLE	F
NEW FOUL PIPE	PIPE DESCRIPTION
EX. SURFACE WATER MANHOLE	Ex.S
EX. SURFACE WATER PIPE	PIPE DESCRIPTION
NEW SURFACE WATER MANHOLE	
NEW SURFACE WATER PIPE	
EX. COMBINED MANHOLE	Ex.C
EX. COMBINED PIPE	PIPE DESCRIPTION
NEW COMBINED MANHOLE	C
NEW COMBINED PIPE	PIPE DESCRIPTION
NEW RISING MAIN	PIPE DESCRIPTION
PIPE CROSSOVER	
EX. ROOF RAIN WATER MANHOLE	Ex.R
EX. ROOF RAIN WATER PIPE	PIPE DESCRIPTION
NEW ROOF RAIN WATER MANHOLE	R
NEW ROOF RAIN WATER PIPE	PIPE DESCRIPTION
DECOMMISSIONED LINE	PIPE DESCRIPTION
FOUL ACCESS JUNCTION	⬠
SURFACE ACCESS JUNCTION	⬠
RAINWATER PIPE	○ RWP
SOIL VENT PIPE	● SVP
ROAD GULLEY	■ RG
BACK INLET GULLEY TRAP	◆ BGT
FOUL RODDING EYE	◊ RE
SURFACE RODDING EYE	◊ RE
GULLEY TRAP	■ GT
CFRAMS PROPOSED 1: 100 YEAR FLOOD EXTENT	▨
CFRAMS PROPOSED 1:1000 YEAR FLOOD EXTENT	▨

SITE INFORMATION

	TOTAL	CATCHMENT 1	CATCHMENT 2
AREA (ha)	2.5	1.16	1.34
UNITS	544	294	250

SURFACE WATER MANHOLE SCHEDULE

CATCHMENT No.1				CATCHMENT No.2			
REF.	COVER LEVEL	INVERT LEVEL	REMARKS	REF.	COVER LEVEL	INVERT LEVEL	REMARKS
S1.0	+90.376	+88.445		S6.0	+88.931	+88.431	
S1.1	+90.051	+88.340		S6.1	+88.983	+88.368	
S1.2	+89.963	+88.194		S6.2	+89.126	+88.268	
S1.3	+89.862	+87.924		S6.3	+89.431	+88.165	
S1.4	+89.828	+87.875	IN	S6.4	+88.957	+88.068	
		+87.812	OUT (ATTENUATION TANK)	S6.5	+88.742	+87.644	
S2.0	+90.569	+88.227		S6.6	+88.742	+86.772	IN
S2.1	+89.984	+88.021					OUT ATTENUATION TANK
S3.0	+90.000	+87.484		S6.7	+88.742	+86.772	
S4.1	+89.662	+87.376		S5.4	+88.702	+86.751	
S4.0	+89.276	+87.513		S7.0	+89.213	+88.346	
S4.1	+89.662	+87.376		S6.2	+89.126	+88.268	
S5.0	+89.682	+88.003		S8.0	+88.957	+88.443	
S5.1	+89.089	+87.603		S8.1	+88.957	+88.304	
S5.2	+88.954	+87.319		S8.2	+88.957	+88.198	
S5.3	+88.739	+86.878		S6.4	+88.957	+88.068	
S5.4	+88.702	+86.751		S9.0	+88.957	+88.168	
OUTFALL		+86.656		S6.4	+88.957	+88.068	

- GENERAL DRAINAGE NOTES:**
- FOUL WATER & WATERMAIN CONSTRUCTED IN ACCORDANCE WITH IRISH WATER LATEST DETAILS.
 - COVER LEVELS SHOWN ARE INDICATIVE ONLY. EXACT LEVELS TO BE DETERMINED BY LANDSCAPING ARCHITECT. ALL MANHOLES IN HARD LANDSCAPED PAVED AREAS TO HAVE A 40mm RECESSED CLASS 'D400' COVER. ALL OTHER MANHOLE COVERS ARE TO BE CLASS 'D400' CIRCULAR & HINGED.
 - ALL S.W. BRANCH PIPES TO BE 1500 @ 1:100 UNLESS NOTED OTHERWISE. CONNECTION OF BRANCHES TO THE MAIN LINE ARE TO BE BY MEANS OF A 45° BRANCH CONNECTION. SADDLE CONNECTIONS ARE NOT PERMITTED.
 - ALL ACO SUMPS IN THE PERMEABLE PAVED AREAS DISCHARGE VIA A 3m LONG PERFORATED PIPE INTO THE GRAVEL SUB-BASE.
 - INTERNAL GROUND FLOOR FOUL CONNECTIONS TO DRAIN SEPARATELY FROM THE UPPER STORIES.
 - ALL I.C.'s TO HAVE DUCTILE IRON COVERS.
 - ALL BURIED PIPES UNDER GROUND FLOOR SLABS TO BE ENCASED IN CONCRETE.

SURFACE WATER DRAINAGE LAYOUT
 SCALE @ A1: 1:500
 SCALE @ A3: 1:1000

PL2	12.02.20	ISSUED FOR PLANNING	MC	TRC	RM	JC
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PLANNING

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CLIENT: **GREENLEAF HOMES LTD.**

PROJECT TITLE: **MIXED-USE DEVELOPMENT, THE FORMER GALLAHER SITE, AIRTON ROAD, TALLAGHT, D24** BM PROJECT No: **19.136**

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