



BLIND MANHOLE AT END OF DEAD LEG CONNECTION PER IW SECTION 1.23 FOR FUTURE DEVELOPMENT.

F5.0 CAST IN SITU MANHOLE TO IRISH WATER DETAILS. BASEMENT WALL STEPPED IN AROUND MANHOLE.

DISCHARGE MANHOLE FROM RISING MAIN PER IRISH WATER DETAILS.

80mm PUMPED MAIN TO GRAVITY RISING MAIN TO DISCHARGE MANHOLE PER IRISH WATER DETAILS

REFER TO DRAWING ARD-BMD-00-XX-DR-C-1000 FOR BASEMENT FOUL DRAINAGE

PROPOSED NEW IRISH WATER MANHOLE. MANHOLE LOCATION AND LEVELS TO BE CONFIRMED WITH IRISH WATER AND INSTALLED PER IRISH WATER DETAILS.

PROPOSED 225Ø SITE CONNECTION NO. 2 TO THE FOUL NETWORK

PRIVATE INTERNAL SLUNG DRAINAGE WILL SERVE THE BLOCKS (E & F) TO M&E ENGINEERS DESIGN

FOUL WATER MANHOLE SCHEDULE							
SEWER CONNECTION No.1				SEWER CONNECTION No.2			
REF.	COVER LEVEL	INVERT LEVEL	REMARKS	REF.	COVER LEVEL	INVERT LEVEL	REMARKS
F1.0	+89.780	+88.568		F5.0	+88.980	+86.889	
F1.1	+89.500	+88.311		F3.4	+88.980	+86.847	
F1.2	+89.500	+88.272		F6.0 C.P.	+91.000	+88.949	
F1.3	+89.220	+88.094		F6.1 C.P.	+90.500	+88.182	
F1.4	+89.260	+87.856		F6.2 C.P.	+90.500	+88.787	
EX.SEWER	+89.260	+87.750		F6.3 C.P.	+90.500	+88.035	
F2.0	+90.210	+89.202		F2.7	+89.600	+88.007	
F2.1	+90.500	+88.962					
F2.2	+90.200	+88.844					
F2.3	+90.800	+88.759					
F2.4	+90.800	+88.715					
F2.5	+90.800	+88.495					
F2.6	+90.800	+88.375	IN FROM SITE				
F2.7	+89.600	+88.007	IN FROM SITE				
F1.4	+89.260	+87.856					
FUTURE SITE	+89.980	+87.847					
F3.4	+88.980	+86.847					
F4.3	+88.910	+86.680					
NEW PROPOSED FOUL MANHOLE	+88.180	+83.280	IN FROM SITE				
F3.0	+89.100	+87.215					
F3.1	+89.150	+87.149					
F3.2	+88.980	+87.055					
F3.3	+88.500	+86.964					
F3.4	+88.980	+86.847					
F4.0	+88.900	+87.386					
F4.1	+88.800	+87.222					
F4.2	+88.400	+86.962					
F4.3	+88.910	+86.680					

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 150Ø @ 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 50mm 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.

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.
- BURIED WATER MAIN AND FOUL DRAINAGE TO BE IN ACCORDANCE WITH IRISH WATER LATEST DETAILS.

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	S
NEW SURFACE WATER PIPE	PIPE DESCRIPTION
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	X X X X X X X X X X
FOUL ACCESS JUNCTION	AJ
SURFACE ACCESS JUNCTION	AJ
RAINWATER PIPE	RWP
SOIL VENT PIPE	SVP
ROAD GULLY	RG
BACK INLET GULLY TRAP	BIGT
FOUL RODDING EYE	RE
SURFACE RODDING EYE	RE
GULLY TRAP	GT

SITE INFORMATION

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

ISSUE	DATE	DESCRIPTION	MC	TK	RM	JC
PL2	12.02.20	ISSUED FOR PLANNING				
PL1	13.12.19	ISSUED FOR PLANNING				

DRAWING STAGE: **PLANNING**

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BARRETT MAHONY
The Institution of Structural Engineers
ACEI
International Federation of Consulting Engineers

CLIENT: **GREENLEAF HOMES LIMITED**

PROJECT TITLE BURIED FOUL DRAINAGE LAYOUT GROUND LEVEL SOUTH	BM PROJECT No. 19.136
MODEL REFERENCE	MODEL REV. SUITABILITY
DRAWING TITLE BURIED FOUL DRAINAGE LAYOUT GROUND LEVEL SOUTH	
DRAWING No. ARD-BMD-00-XX-DR-C-1003	ISSUE PL2

BURIED FOUL DRAINAGE LAYOUT - SOUTH

SCALE @ A1: 1:250
SCALE @ A3: 1:500