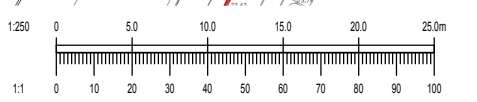


**NOTES:**

- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.

**LEGEND**

- FMH 4  
CL 71.000  
IL 69.560 225 $\phi$  1:21 22.48m  
PROPOSED FOUL DRAINAGE, SHOWING MANHOLE REFERENCE, PIPE SIZE AND GRADIENT, COVER AND INVERT LEVELS
- 150mm  $\phi$  1/150  
PROPOSED FOUL WATER SLUNG DRAINAGE WITH RODDING EYE
- D.P. (T.B.)  
PROPOSED FOUL WASTE WATER DOWN PIPE (TO BELOW)
- FWP (T.B.)  
PROPOSED FOUL WASTE WATER DOWN PIPE (AT LEVEL 01)
- D.P. (T.B.)  
PROPOSED SURFACE WATER DOWN PIPE (TO BELOW)
- SWP (T.B.)  
PROPOSED SURFACE WATER DOWN PIPE (AT LEVEL 01)
- G  
PROPOSED GULLY AND 100mm $\phi$  CONNECTION
- 150mm  $\phi$  1/150  
PROPOSED SURFACE WATER SLUNG DRAINAGE WITH RODDING EYE
- SMH 4  
CL 71.000  
IL 69.560 150mm  $\phi$  1/150  
PROPOSED SURFACE WATER DRAINAGE, SHOWING MANHOLE REFERENCE, PIPE SIZE AND GRADIENT, COVER AND INVERT LEVELS
- ACO CHANNEL  
PROPOSED ACO CHANNEL
- EX FMH 37  
CL 66.920  
IL 64.403  
225mm $\phi$   
EXISTING FOUL WATER DRAINAGE
- EX SMH 4  
CL 66.23  
IL 62.23  
150mm $\phi$   
EXISTING SURFACE WATER DRAINAGE
- INDICATES PROPOSED SWALE WITH FLOW SPREADERS AT GULLY INLETS
- INDICATES PROPOSED PERMEABLE PAVED AREA
- INDICATES PROPOSED TREE PIT
- RE  
INDICATES PROPOSED RODDING EYE



A	22/08/19	IRISH WATER SUBMISSION	GB	EC
REV.	DATE	AMENDMENT	DRN	APPD

**STATUS FOR PLANNING ONLY NOT FOR CONSTRUCTION**

**Waterman Moylan**  
Engineering Consultants  
BLOCK 5, EASTPOINT BUSINESS PARK, ALFIE BYRNE ROAD, DUBLIN D03 H3F4 IRELAND. Tel: (01) 664 8900  
Email: info@waterman-moylan.ie www.waterman-moylan.ie

CLIENT: KW PRS ICVA ACTING FOR AND ON BEHALF OF ITS SUB-FUND KW PRS FUND 10  
ARCHITECT: O'MAHONY PIKE ARCHITECTS

PROJECT: LANDS AT THE GRANGE, BREWERY ROAD, STILLORGAN, BLACKROCK, CO. DUBLIN.

TITLE: DRAINAGE LAYOUT LEVEL 01

DRAWN G.Byrne	DESIGNED EC	APPROVED JG	DATE AUG. '19
SCALE 1:250 @A1	JOB NO. 18-093	DRG. NO. P201	REVISION A

NOTE: PUBLIC FOUL PIPE MATERIAL TO BE U-PVC (STIFFNESS CLASS 8) AND IN COMPLIANCE WITH SECTION 3.13 OF IRISH WATER CODE OF PRACTICE.

NOTE: FOUL SEWERS TO BE CONSTRUCTED WITH CONCRETE SURROUND IN ACCORDANCE WITH IRISH WATER STD-WW-08 WHERE VERTICAL CLEARANCE FROM SURFACE WATER IS LESS THAN 300mm AND WHERE DEPTH OF COVER TO ROAD IS LESS THAN 1.2m