



REVISION DETAILS	DATE	
A	minor amendments to network	03.03.20
B	REVISED LAYOUT	20.03.20

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- NOTES:**  
**GENERAL:**  
 G1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS.  
 G2. ANY QUERIES OR DISCREPANCIES ARE TO BE REFERRED TO THE ENGINEER IMMEDIATELY.  
 G3. FIGURED DIMENSIONS ONLY TO BE USED. DRAWING NOT TO BE SCALED.  
 G4. ALL LEVELS ARE RELATIVE TO ORDNANCE DATUM MALIN HEAD.

- FOUL SEWER:**  
 F1. VERTICAL ROOT BARRIERS TO BE PROVIDED TO PROPOSED TREES TO PREVENT TREE ROOT SYSTEMS REACHING THE WORKS.  
 F2. WASTEWATER - FOR DETAILS OF CUSTOMER CONNECTION AND BOUNDARY INSPECTION CHAMBER REFER TO IRISH WATER STANDARD DETAIL STD-WW-03.  
 F3. WHERE MANHOLES ARE LOCATED IN GREEN AREAS, COVERS ARE TO BE SURROUNDED BY A CONCRETE PLINTH IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL DRAWING STD-WW-10.

- WATER:**  
 W1. WATER - FOR DETAILS OF CUSTOMER CONNECTION AND BOUNDARY BOX REFER TO IRISH WATER STANDARD DETAIL STD-W-03.  
 W2. AIR VALVE AND HYDRANTS COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH, 200mm ALL ROUND AND 100mm DEEP FORMED WITH COARSE CONCRETE, 20mm AGGREGATE SIZE, BEDDED IN CLASS 8/4 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCEMENT LINKS AND SHALL HAVE A BALL-NOSE FINISH AROUND ITS EXTERNAL PERIMETER.

- LEGEND:**
- PROPOSED SURFACE WATER SEWER
  - EXISTING SURFACE WATER SEWER
  - PROPOSED FOUL WATER SEWER
  - EXISTING FOUL WATER SEWER
  - RG ROAD GUILTY
  - PROPOSED WATERMAIN
  - BB IRISH WATER APPROVED BOUNDARY BOX
  - FDH FIRE HYDRANT (6m & 46m RADII SHOWN DASHED)
  - AV AIR VALVE
  - SCV SCOUR VALVE
  - SV SLUICE VALVE
  - 5.00 EXISTING GROUND LEVEL
  - EL 8.50 PROPOSED GROUND/FLOOR LEVELS
  - FOUL INSPECTION CHAMBER AS PER IRISH WATER STANDARD DETAIL DRAWINGS STD-WW-02, STD-WW-03 & STD-WW-13

Issue:	<b>INFORMATION</b>		
Project:	Housing Development Raheen, Limerick		
Client:	DW Raheen Developments Ltd.		
Drawing Title:	PIPE DESIGN WATERMAIN LAYOUT		
Drawn:	Scale:	Checked:	Date:
CC	1:500	DOM	21.10.19



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Project No.	Drawing No.	Revision
18112	C 11	C