



**Notes :**

1. All drawings are to be read in conjunction with all relevant Specifications, Bills of Quantities, Architectural, Services and Engineering drawings.
2. Any discrepancies between these documents shall be brought to the attention of the Engineer.
3. All dimensions are in millimetres, unless noted otherwise.
4. All levels are in metres related to Ordnance Datum.
5. Drawings are not to be scaled.

**Legend :**

- New 25mm Dia PE Pipe (Irish Water)
- D1100 MDPE PE80 SDR11
- Existing 100mm uPVC Pipe
- Irish Water approved Fire Hydrant
- Irish Water approved Sluice Valve
- Irish Water approved Air Valve
- Irish Water approved Boundary Box (containing water meter, non-return valve and stop cock)

**Watermain Notes :**

1. For individual supplies refer to Mechanical Engineers drawings.
2. **Internal WaterMains**  
MDPE pipes shall be of a type PE-80 and have an SDR-11 rating. They shall conform to IS EN 12201: Part 1 and Part 2 (Plastic Systems for Water Supply, Drainage and Sewerage Under Pressure - Part General, and Part 2, Pipes) and IS EN 12201-3 (Plastic Systems for Water Supply, Drainage and Sewerage Under Pressure - Part 3: Fittings).
3. **Service Connections**  
Service Connection pipes suitable for Works and approved by Irish Water shall be of HPPE material with type PE100 and an SDR 17 rating or MDPE material with PE80 and an SDR11 rating. All plastic water Service Connection pipes shall be blue in colour. An alternative pipe material, to Irish Water's written approval, shall be provided where pressure in the Works is greater than the performance rating of these materials. The HPPE and MDPE service pipes shall comply with IS EN 12201 Part 2 (Plastic Systems for Water Supply, Drainage and Sewerage Under Pressure - Part 2, Pipes) and IS EN 12201 Part 3 (Plastic Systems for Water Supply, Drainage and Sewerage Under Pressure - Part 3: Fittings) and with UK WIS 4-32-08 (Specification for the fusion jointing of polyethylene pressure pipeline systems using PE80 and PE100 materials)

**NOTES:**

1. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES ARCHITECTURAL, SERVICES AND ENGINEERING DRAWINGS.
2. ALL LEVELS ARE IN METRES RELATED TO ORDNANCE DATUM MALIN HEAD.
3. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
4. DRAWINGS ARE NOT TO BE SCALED.
5. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.

REV	DATE	DESCRIPTION	BY	APP
D	19/02/2020	ISSUED FOR PLANNING	TOC	IB
C	18/01/2020	ISSUED FOR INFORMATION	SM	IB
B	07/01/2020	ISSUED FOR INFORMATION	SM	IB
A	12/06/2019	ISSUED FOR IRISH WATER APPLICATION	TOC	JOL

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PROJECT:	Rahoona Housing
TITLE:	Proposed Watermain Layout
CLIENT:	Kerry County Council

DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES. VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE DESIGNERS SPECIFICATION. © THIS DRAWING IS COPYRIGHT AND MAY ONLY BE REPRODUCED WITH THE DESIGNERS PERMISSION.		
DRAWN:	CHECKED:	APPROVED:
SM	CS	IB
DATE:	SCALE @ A1:	DRAWING STATUS:
16/01/2020	1:200	S2
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