



1. Figure Dimensions only to be taken from this drawing. All Dimensions to be checked on site.
2. This drawing to be read in conjunction with all other Architectural & Engineering drawings & all other relevant drawings & Specifications.
3. For structural detailing refer to Structural Notes, request from Engineer if not available.
4. For civil typical details, drawings should be requested from the Engineer.
5. Existing services are indicated based on the best currently available information, however it is the contractor's responsibility to check the location and level of services indicated and to check the site and with services providers for other services that are not indicated.
6. Finished Road Levels represent design centreline road level including ramps, platforms etc.
7. All works to be carried out in accordance with the latest versions of the Irish Water publications 'Water Infrastructure Standard Details (WIS-SD-01)' and 'Code of Practice for Water Infrastructure'.
8. All valves and hydrant covers, where in grass areas, shall be surrounded by concrete pavers, 200mm all round on 100mm deep formed with C20/25 concrete, 20mm aggregate size, bedded on Clause R11 material. The sixth shall incorporate mild steel reinforcement links and shall have a full nose finish around its external perimeter.
9. Typical service layout distances (horizontally and vertically) as per STD-WI-05.
10. The exact locations of individual site connections and water meter chambers in front gardens / driveways to be co-ordinated on site with respect to hard & soft landscaping, including tree pits, and other services to the rose, in compliance with Irish Water Typical Details STD-WI-01 to STD-WI-10A.
11. In Hatched Areas, excavation to below root level is to be by or spade or similar and all roots are to be protected.
12. Sowers and Watermains that are to be laid within Foot Protection Areas of retained lines to be carried out in accordance with the guidance of the Irish Water standards and the IALC Planning for the Installation and Maintenance of Utility Apparatus in Proximity to Trees Volume 4, Issue 2, which is to be carried out under Agricultural supervision. Services will likely need to be installed using trench-trench, or spade and / or trenching techniques when working within the root protection area of retained lines.

Existing Watermain  
15' Coal Iron 1920

Existing Watermain  
300mm Ductile Iron 2009

Proposed 100mm PE Watermain  
PE 100, SDR-17  
Min Cover 750mm in Response, 900mm in normal

Watermain Fittings  
Sluice Valve, Hydrant, Air Valve inc chamber

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Scale: 1:250

Rev	Date	By	Revision
G	11/02/22	ML	Layout Revised on per received on 16/11/21 Watermain layout revised slightly
D	11/05/21	ML	Layout Revised on per received on 06/03/21 Watermain layout revised slightly in order to avoid Road Protection Areas
E	16/12/20	ML	Revised for Plotting

Status: **FOR PLANNING**

Client / Architect: Ms Brenda Weir

Project: Rookwood, Ballyboden

Drawing Title: Proposed Watermain Layout Plan

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