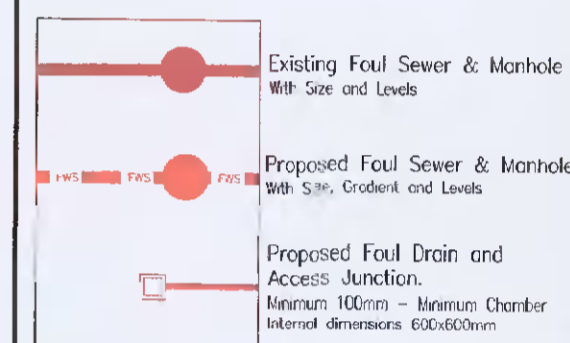


1. Figured Dimensions only to be taken from this drawing. All dimensions to be checked on site.
2. This drawing to be read in conjunction with all other Architectural & Engineering drawings & all other relevant drawings & Specification.
3. For structural detailing refer to Structural Notes, request from 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. Proposed Cover Levels are indicative only.
7. All works are to be conducted in accordance with the Greater Dublin Region Code of Practice for Drainage Works and the Irish Water documents "Wastewater Infrastructure Standards Details (IW-CDS-5020-01)" and "Code of Practice for Wastewater Infrastructure".
8. All Foul Sewer Pipe material is to be PVC-U smooth internal and external with either a foam or recycled PVC-U core and manufactured in accordance with IS EN 13476-2:2002, Type A, multi-layer and WS 4-25-01.
9. The manhole covers located in grass areas shall be supported by a concrete plinth, 200mm all round and 100mm deep formed with C20/25 concrete, 200mm concrete size, bedded in Class B4 material in compliance with typical details S10-WI-01 to 04 and S10-WI-05.
10. Typical service layout distances (horizontally and vertically) as per S10-WI-05.
11. The exact locations of individual site connections and also in front gardens / driveways to be co-ordinated on site with respect to hard & soft landscaping, existing tree pits, and other services to the house, in compliance with Irish Water typical details S10-WI-01 to 04 and S10-WI-05A.
12. In Hatched Areas, excavation to below root level is to be by air spade or similar and all roots are to be protected.
13. Sewers and Watermains that are to be laid within Root Protection Areas of retained trees to be carried out in accordance with the guidance of the Irish Water standards and the NRE Planning for the Installation and Maintenance of Utility Apparatus in Proximity to Trees Volume 4, Issue 2. Works to be carried out under Arboicultural supervision. Services will likely need to be installed using broken-trench, air spade and / or trenchless techniques when working within the root protection area of retained trees.



N

OSi  
Ordnance Survey Ireland Licence No. EN0004191  
© Ordnance Survey Ireland & Government of Ireland

Rev	Date	By	Revised
A	10/05/21	ML	Layout Revised as per revision on 05/03/21
B	16/12/20	ML	Foul drainage layout revised

Station  
**FOR PLANNING**

Client / Architect  
Ms Brenda Weir

Project  
Rookwood, Ballyboden

Drawing Title  
**Proposed Foul Drainage Layout Plan**

THIS DOCUMENT IS THE PROPERTY OF GORDON WHITE CONSULTING ENGINEERS. THE DESIGN INFORMATION CONTAINED HEREIN IS STRICTLY CONFIDENTIAL. THIS DOCUMENT IS NOT TO BE LOANED, REPRODUCED, COPIED OR SPECIFIED IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION IN EACH INSTANCE OF GORDON WHITE CONSULTING ENGINEERS.  
© PROPERTY OF GORDON WHITE CONSULTING ENGINEERS

**GORDON WHITE**  
CONSULTING ENGINEERS

1st Floor, B Riverwalk, Lake Drive,  
Citywest Business Campus,  
Dublin 24, D24 N5CF

Tel: (01) 479 6396 Fax: (066) 230 6216  
e-mail: ml@gwe.ie web: www.gwe.ie

Drawn By	ML	Scale	1:250
Latest Rev By	ML	Date	28 Oct '20
Dwg No	G1162-11		D



**VIEW 1**

● SO13263803  
 CL = 81.58  
 IL = 79.92 (F1)  
 IL = 79.84

