



150MM WATERMAIN SPUR TO SUPPLY FUTURE DEVELOPMENT. PIPE SIZE TO BE IN ACCORDANCE WITH SECTION 3.7 OF THE IRISH WATER CODE OF PRACTICE. REFER TO IRISH WATER STANDARD DETAIL STD-W-05-"DEAD END"

ON LINE HYDRANT TO STD-18 OF THE IRISH WATER CODE OF PRACTICE.

OFFLINE HYDRANT TO STD-19 OF THE IRISH WATER CODE OF PRACTICE.

INTERNAL WATERMAIN SUPPLY FOR BLOCKS TO BE DESIGNED BY MECHANICAL ENGINEERS. INDIVIDUAL SUB METER FACILITIES TO BE PROVIDED TO EACH APARTMENT BLOCK

INSTALL BULK METER TO STD-26 OF THE IRISH WATER CODE OF PRACTICE.

69 residential units + 1 No. Creche

SEPARATE COMMERCIAL BOUNDARY BOX TO CRECHE

ON LINE HYDRANT TO STD-18 OF THE IRISH WATER CODE OF PRACTICE.

ON LINE HYDRANT TO STD-18 OF THE IRISH WATER CODE OF PRACTICE.

INTERNAL WATERMAIN SUPPLY FOR BLOCKS TO BE DESIGNED BY MECHANICAL ENGINEERS. INDIVIDUAL SUB METER FACILITIES TO BE PROVIDED TO EACH APARTMENT BLOCK

69 residential units

ON LINE HYDRANT TO STD-18 OF THE IRISH WATER CODE OF PRACTICE.

PROPOSED WATERMANS TO BE CONNECTED TO EXISTING WATER SUPPLY IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE.

INSTALL BULK METER TO STD-26 OF THE IRISH WATER CODE OF PRACTICE.

LEGEND

- EXISTING PUBLIC WATERMANS
- PROPOSED WATERMANS
- SLUICE VALVE TO IRISH WATER STANDARD DETAIL STD-W-15
- AIR VALVE TO IRISH WATER STANDARD DETAIL STD-W-22
- HYDRANT TO IRISH WATER STANDARD DETAIL STD-W-19
- SCOUR VALVE TO IRISH WATER STANDARD DETAIL STD-W-30
- BULK METER TO IRISH WATER STANDARD DETAIL STD-W-26
- PROPOSED BOUNDARY BOX
- THRUST BLOCK

- NOTES**
- All pipe work, valves, chambers, network arrangements and all associated watermain works to be in accordance with Irish Water Codes of Practice and Standard Details.
 - All new watermain material shall be in accordance with Section 3.9 of the Irish Water Code of Practice.
 - All manholes in grassed areas to have 200mm wide x 100mm deep concrete plinth/kerb cast to their perimeter to ensure they are not overgrown. Concrete to be grade C20/25.
 - Meters for apartments and similar properties shall be installed internally within the premises in accordance with the Building Control Authority's requirements and subject to review by Irish Water as per section 3.15.2 of the Code of Practice.
 - Proposed watermains to be located a minimum of 300mm from the wastewater infrastructure in accordance with section 3.15.18 of the 3.15.18 of the Irish Water Wastewater Code of Practice.
 - The location of the bulk meter, valves and hydrants shall be designed in accordance with section 3.15.4 of the Irish Water Code of practice.
 - Note the Fire Safety Certificate has not been completed yet, but as part of this development, it is confirmed that hydrants shall not be located any more than 46m from any part of the development.
 - All watermain works to be taken in charge to be air pressure tested in accordance with Irish Water Code of Practice Section 4.10.
 - Service connections to apartment blocks to be 62mm OD diameter unless stated otherwise in the drawing.
 - Apartment blocks to have boosted supply systems. An isolation device shall be provided using a connection via an unrestricted air-gap device (AA Type, IS EN 1717) to prevent backflow to IW Network and prevent risk of contamination. See Section 3.13 of the Irish Water Code of Practice.

PLANNING DRAWING.
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 ALL LEVELS GIVEN ARE
 RELATIVE TO ORDNANCE DATUM.
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NOTES

- For setting out refer to Architect's drawings.
- This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
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Rev. No.	Date	REVISION NOTE	Drn. By	Chkd. By
P1	2021.09.10	REVISED SITE LAYOUT	AB	GL
P2	2021.09.29	REVISED SITE LAYOUT	AB	GL
P3	2021.10.18	UPDATES FOLLOWING IW COMMENTS	MM	GL
P4	2021.12.10	REVISED SITE LAYOUT	AB	GL

Architect	Darmody Architecture			
Project	Development at Mill Road			
Title	Proposed Watermain			
Dwg. No.	MILL-CSC-ZZ-XX-DR-C-0002			
Date	Nov 2020	Drn by	AB	Chkd by
			GL	Aprvd by
			NB	Scale
				1:500@A1
				Revision
				P4

Darmody Architecture	
Development at Mill Road	
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Quality Environment I.S. EN ISO 9001:2008
 Energy I.S. EN ISO 14001:2004
 Health & Safety I.S. EN ISO 50001:2011
 OHSAS 18001:2007