



250mm HDPE Watermain extended from upper Dublin Hill. Works to be Carried out by Irish Water

- Notes:**
- For any discrepancies found please consult with design office and refer to Irish Water STD-W-13 for backfill and bedding detail.
  - Service layout distances to comply with Irish Water Detail STD-W-11
  - 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 C20/25 concrete, 20mm aggregate size, bedded in Clause 804 material. The plinth shall incorporate mild steel reinforcement links and shall have a bull-nose finish around its external perimeter. See Section 3.18 of Water Code of Practice for further details.
  - All pipe connections to units to be a minimum of 25mm O.D. in accordance to Irish Water Code of Practice Section 3.7.

- Legend:**
- Proposed Watermain (200mm Internal Ø HDPE)
  - Proposed 25mm outer Ø PE-80 Water Connection to Private Property (Refer to STD-W-01 & STD-W-03 Irish Water: Water Infrastructure Standard Details)
  - Proposed Boundary Box (Refer to STD-W-03 Irish Water: Water Infrastructure Standard Details)
  - M.E** Proposed Electronic Bulk flow meter with a SMS/GRPS telemetry data logger located in an adjoining kiosk. (Refer to STD-W-26 & STD-W-36 Irish Water: Irish Water Infrastructure Standard Details)
  - Proposed Air Valve (Refer to STD-W-20 to STD-W-23 & STD-W-32 Irish Water: Irish Water Infrastructure Standard Details). For marker posts refer to STD-W-27 Irish Water: Water Infrastructure Standard Details.
  - Proposed Sluce Valve (Refer to STD-W-04 to STD-W-10 & STD-W-14 to STD-W-15 Irish Water: Water Infrastructure Standard Details). For marker posts refer to STD-W-27 Irish Water: Water Infrastructure Standard Details
  - Proposed Scour Valve (Refer to STD-W-30 & STD-W-32 Irish Water: Water Infrastructure Standard Details). For marker posts refer to STD-W-27 Irish Water: Water Infrastructure Standard Details
  - Proposed Fire Hydrant (Refer to STD-W-18 to STD-W-19 Irish Water: Water Infrastructure Standard Details). For marker posts refer to STD-W-27 Irish Water: Water Infrastructure Standard Details
  - Connection Point (Refer STD-W-05 Irish Water: Water Infrastructure Standard Details)
  - Foul Sewer
  - Site Boundary

Rev	By	Date	Description
A	SM	23 Apr	Red-Line Boundary Updated
B	SM	24 Apr	Red-Line Boundary Updated
C	SM	03 Jul	Updated as per I.W Comments
D	SM	06 Aug	Updated as per I.W Comments
E	SM	13 Aug	Updated as per I.W Comments
F	SM	07 Nov	Updated Arch. Layout
G	SM	11 Nov	Updated as per I.W Comments

**Drawing Status:** Planning  
NOT CERTIFIED FOR CONSTRUCTION

**Project Title:** Longview Estates Development

**Drawing Title:** Proposed Watermain Overview

**Client:** Longview Estates Ltd

**M.H.L. & Associates Ltd.**  
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<b>Designed:</b> SM	<b>Drawn:</b> SFM	<b>Checked:</b> KM
<b>Scale:</b> 1:2000 @ A1	<b>Date:</b> Nov 2019	
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