



- 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 Sluice 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 Layout
Neighborhood 1

Client: Longview Estates Ltd

M.H.L. & Associates Ltd.
Consulting Engineers

Carrig Mór House,
10 High Street,
Douglas Road,
Cork

Tel: 021-4840214
Fax: 021-4840215
E-Mail: info@mhli.ie

Designed: SM	Drawn: SFM	Checked: KM
Scale: 1:500 @ A1	Date: Nov 2019	
Job No: 17066HD	Drawing No: LHD_PWM_P03	Revision: G