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- 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 (100mm 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 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
 - 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
 - Connection Point (Refer STD-W-05 Irish Water: Water Infrastructure Standard Details)
 - Existing Watermain
 - Site Boundary

Rev	By	Date	Description
05	FOS	30.10.25	Revised design as per KJ comments
04	FOS	15.10.25	Revised design post Section 32 comments
03	DA	08.04.25	Layout Updated
02	DA	15.01'25	Layout Updated
01	DA	18.09'24	Scour Valves Added to low points

Drawing Status: PLANNING

Project Title: Ballinacurra Mill LRD.

Drawing Title: Watermain Layout
1 of 3

Client: Ballinacurra Project Limited Partnership

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

MHL

Unit 18,
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Blackpool,
Cork

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Designed: FOS	Drawn: FOS	Checked: KM
Scale: 1:250 @ A1 1:500 @ A3	Date: Oct 2025	
Job No: 23072HD	Drawing No: 23072HD-WM-P01	Revision: 05



Notes:

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Legend:

- Proposed Watermain (100mm Internal Ø HDPE)
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- (AV) 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.
- (SV) 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
- (H) 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
- (SV) 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
- Site Boundary

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06	FOS	30.10.25	Revised design as per KJ comments
05	FOS	17.10.25	Revised design post Section 32 comments
04	DA	08.04.25	Layout Updated
03	DA	15.01'25	Layout Updated
02	DA	18.09'24	Scour Valves Added to low points
01	DA	25.04'24	Issued for IW Design Acceptance


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Drawing Status: PLANNING

Project Title: Ballinacurra Mill LRD.

Drawing Title: Watermain Layout
2 of 3

Client: Ballinacurra Project Limited Partnership



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

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Cork

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Designed: DA	Drawn: DA	Checked: KM
Scale: 1:250 @ A1 1:500 @ A3	Date: Oct 2025	
Job No: 23072HD	Drawing No: 23072HD-WM-P02	Revision: 06



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Drawing Status: PLANNING

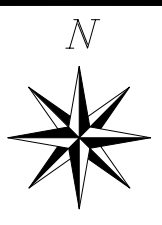
Project Title: Ballinacurra Mill LRD.

Drawing Title: Watermain Layout
3 of 3

Client: Ballinacurra Project Limited Partnership

M.H.L. & Associates Ltd.
Consulting Engineers
Unit 18,
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Designed: DA	Drawn: DA	Checked: KM
Scale: 1:250 @ A1 1:500 @ A3	Date: Oct 2025	
Job No: 23072HD	Drawing No: 23072HD-WM-P03	Revision: 06



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Drawing Title: Watermain Site Layout

Client: Ballinacurra Project Limited Partnership



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Designed: FOS	Drawn: FOS	Checked: KM
Scale: 1:1000 @ A3	Date: Oct 2025	
Job No: 23072HD	Drawing No: 23072HD-WM-P04	Revision: 05

