



Notes:

- For any discrepancies found please consult with design office and refer to fish Water STD-W-13 for details and service layout details to comply with fish Water Detail STD-W-11
- Air valve and hydrant covers, where located in grass 200mm all round and 100mm deep formed with C20/25 concrete, 20mm aggregate size, bedded in Clause 904 material. The pits shall incorporate mild steel reinforcement rings and shall have a bulb-rose fish Water Code of Practice for further details.
- All pipe connections to units to be a minimum of 25mm O.D. in accordance to fish Water Code of Practice Section 3.7.

- Legend:**
- Proposed Watermain (100mm Internal) Ø HDPE
 - Proposed Schematics of PE 80 Water Connection to Private Property (Refer to STD-W-01 & STD-W-03 fish Water, Water Infrastructure Standard Details)
 - Proposed Boundary Box (Refer to STD-W-03 fish Water, Water Infrastructure Standard Details)
 - Proposed Fire Hydrant (Refer to STD-W-18 to STD-W-23 & STD-W-32 fish Water, fish Water Infrastructure Standard Details). For marker posts refer to STD-W-27 fish Water, Water Infrastructure Standard Details
 - Proposed Air Valve (Refer to STD-W-20 to STD-W-23 & STD-W-32 fish Water, fish Water Infrastructure Standard Details). For marker posts refer to STD-W-27 fish Water, Water Infrastructure Standard Details
 - Proposed Scribe Valve (Refer to STD-W-04 to STD-W-10 & STD-W-14 to STD-W-19 fish Water, fish Water Infrastructure Standard Details). For marker posts refer to STD-W-27 fish Water, Water Infrastructure Standard Details
 - Proposed Fire Hydrant (Refer to STD-W-18 to STD-W-23 & STD-W-32 fish Water, fish Water Infrastructure Standard Details). For marker posts refer to STD-W-27 fish Water, Water Infrastructure Standard Details
 - Proposed Scribe Valve (Refer to STD-W-04 to STD-W-10 & STD-W-14 to STD-W-19 fish Water, fish Water Infrastructure Standard Details). For marker posts refer to STD-W-27 fish Water, Water Infrastructure Standard Details

- ME**
- Proposed Fire Hydrant (Refer to STD-W-18 to STD-W-23 & STD-W-32 fish Water, fish Water Infrastructure Standard Details). For marker posts refer to STD-W-27 fish Water, Water Infrastructure Standard Details
 - Proposed Air Valve (Refer to STD-W-20 to STD-W-23 & STD-W-32 fish Water, fish Water Infrastructure Standard Details). For marker posts refer to STD-W-27 fish Water, Water Infrastructure Standard Details
 - Proposed Scribe Valve (Refer to STD-W-04 to STD-W-10 & STD-W-14 to STD-W-19 fish Water, fish Water Infrastructure Standard Details). For marker posts refer to STD-W-27 fish Water, Water Infrastructure Standard Details

- Water Infrastructure Standard Details**
- Connection Point (Refer STD-W-05 fish Water, Water Infrastructure Standard Details)
 - Flushing Watermain
 - Site Boundary

Rev	By	Date	Description
05	FOS	30.10.23	Reviewed design as per KI comments
04	FOS	15.10.23	Revised design post-section 32 comments
03	DA	08.04.23	Layout Updated
02	DA	15.07.23	Layout Updated
01	DA	18.09.24	Score Values Added to low points

Drawing Status:
PLANNING

Project Title:
 Ballinacorra Mill LRD

Drawing Title:
 Watermain Layout
 1 of 3

Client:
 Ballinacorra Project Limited Partnership

Designed: FOS
Scale: 1:250 @ A1
Job No: 23072HD

Drawn: FOS
Date: 02.10.25
Drawing No: 23072HD-WM-P01
Checked: KM
Revision: 05

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Notes:

- For any discrepancies found please consult with design office and refer to Irish Water STD-W-13 for Scaffolding and Service layout details to comply with Irish Water Detail STD-W-11
- Air valve and hydrant covers, where located in grass 200mm all round and 100mm by deep formed with C20/25 concrete, 20mm aggregate size, bedded in Clause 804 material. The pits shall incorporate a 150mm Ø reinforced concrete riser and shall have a suitable Irish 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 Wateman (100mm Internal Ø HDPE)
- Proposed Schematics @ PE 80 Water Connections to Private Property (Refer to STD-W-01 & STD-W-03 Irish Water, Water Infrastructure Standard Details)
- Proposed Boundary Bay (Refer to STD-W-03 Irish Water, Water Infrastructure Standard Details)
- Proposed Electrician Risk New meter with a adjoining soak. (Refer to STD-W-28 & STD-W-26 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 Sump Valve (Refer to STD-W-04 to STD-W-10 & STD-W-14 to STD-W-19 Irish Water, Irish Water Infrastructure Standard Details). For marker posts refer to STD-W-27 Irish Water, Water Infrastructure Standard Details.
- Proposed Sump 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.

Rev By Date Description

06	FOS	30.10.25	Requested design as per 41 comments
05	FOS	17.10.25	Requested design post section 32
04	DA	08.04.25	Layout Updated
03	DA	15.01.25	Layout Updated
02	DA	18.09.24	Scam Values Added to flow points
01	DA	25.04.24	Issued for IW Design Acceptance

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Project Title: Ballinacrauna Mill LND

Drawing Title: Wateman Layout
2 of 3

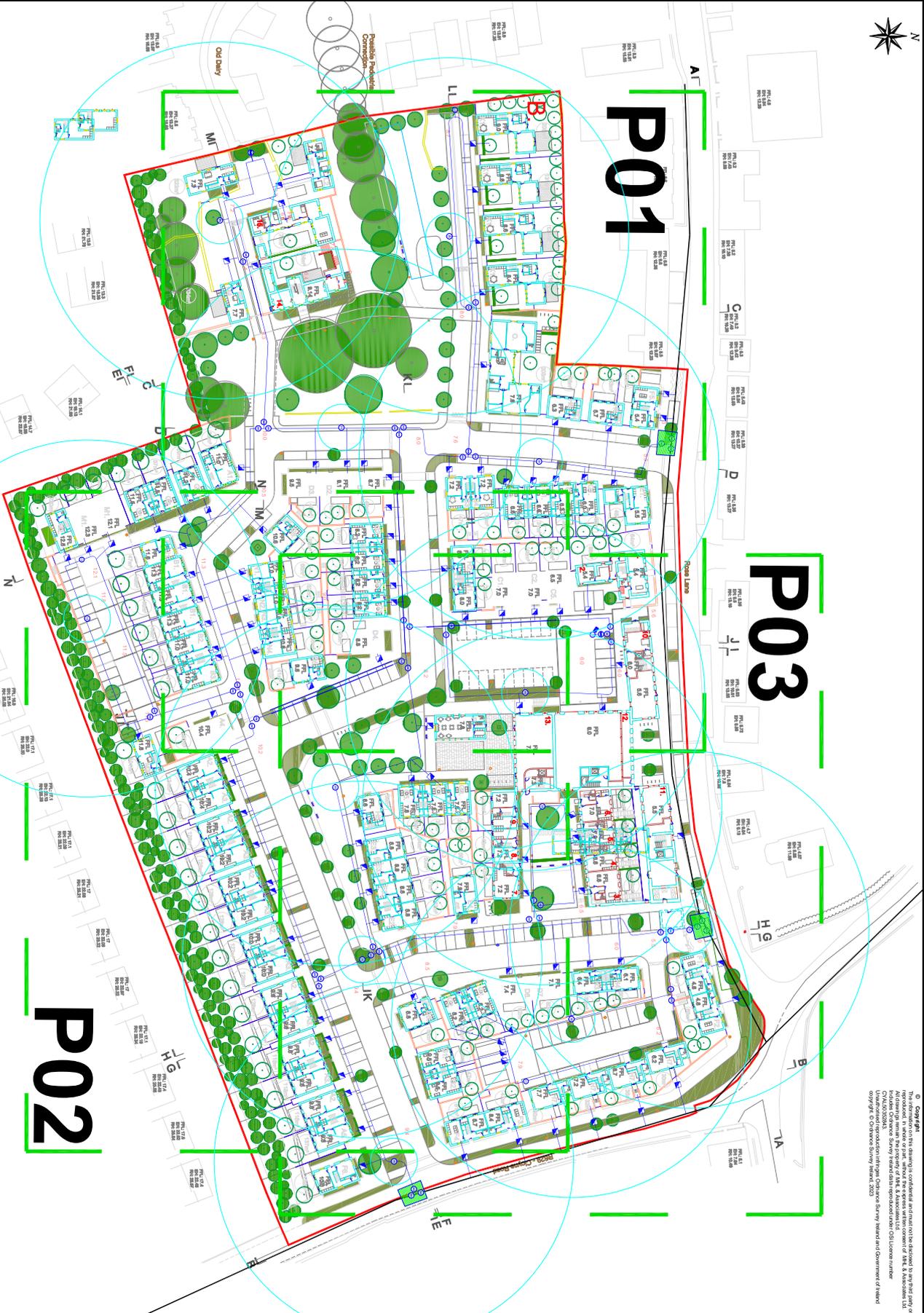
Client: Ballinacrauna Project United Partnership

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



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- Notes:**
- For any discrepancies found please consult with design office and refer to Irish Water STD-W-13 for details and Service layout dimensions to comply with Irish Water Detail STD-W-11
 - Air valve and hydrant covers, where located in grass 200mm all round and 100mm deep formed with C20/25 concrete, 20mm aggregate size, bedded in Clause 804 material. The pits shall incorporate mild steel reinforcement rings and shall have a suitable Irish 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 200mm water main @ PE 80 Water Connection to Private Property (Refer to STD-W-01 & STD-W-03 Irish Water, Water Infrastructure Standard Details)
 - Proposed Boundary Bay (Refer to STD-W-03 Irish Water, Water Infrastructure Standard Details)
 - Proposed Electrician Bulk, low voltage with a SMS/GPRS telemetry data logger installed in an adjoining block. (Refer to STD-W-28 & 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 meter posts refer to STD-W-27 Irish Water, Water Infrastructure Standard Details.
 - Proposed Silt Valve (Refer to STD-W-04 to STD-W-10 & STD-W-14 to STD-W-15 Irish Water, Irish Water Infrastructure Standard Details). For meter posts refer to STD-W-27 Irish Water, Water Infrastructure Standard Details.
 - Proposed Fire Hydrant (Refer to STD-W-18 to STD-W-21 Irish Water, Irish Water Infrastructure Standard Details). For meter 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 meter 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 NI comments
04	FOS	17.11.23	Revised design post Section 32
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:
Ballinacra Mill Ltd.

Drawing Title:
Watermain Site Layout

Client:
Ballinacra Project United Partnership

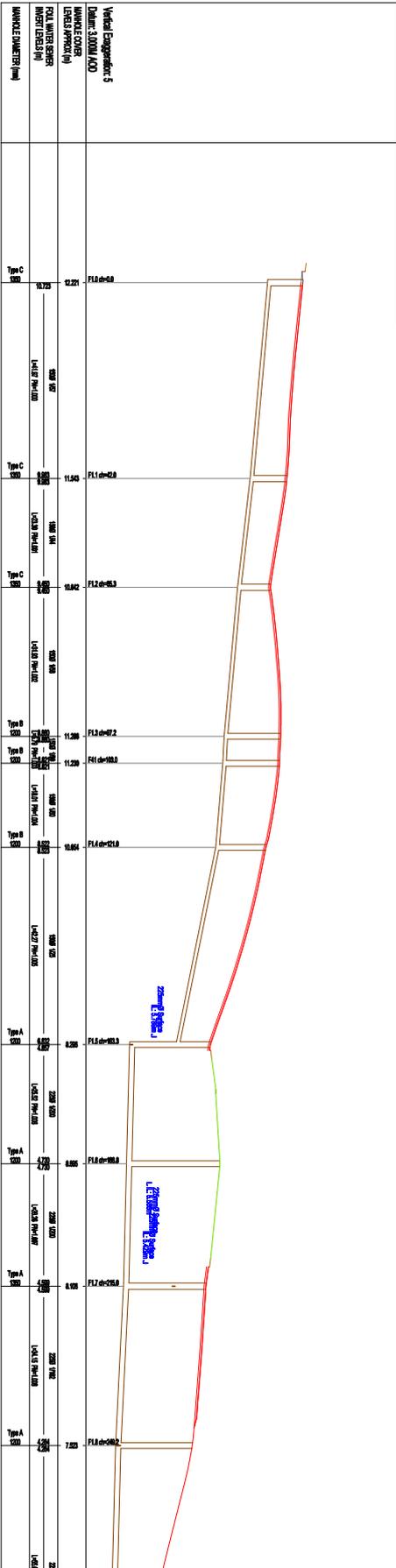
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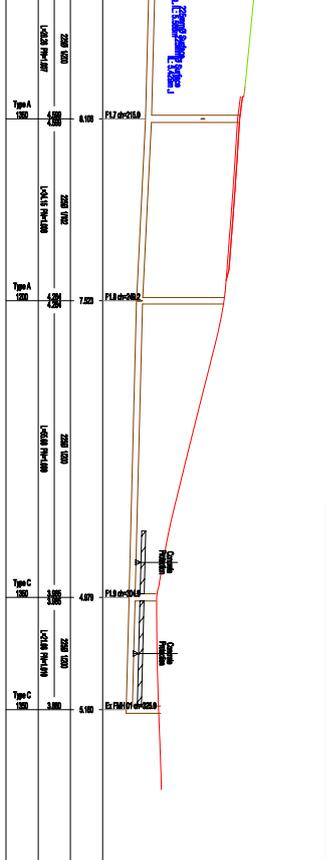
Designed:	FOS	Drawn:	FOS	Checked:	KM
Scale:	1:1000 @ A3	Date:	Oct 2025	Revision:	05
Job No:	23072HD	Drawing No:	23072HD-WM-P04		

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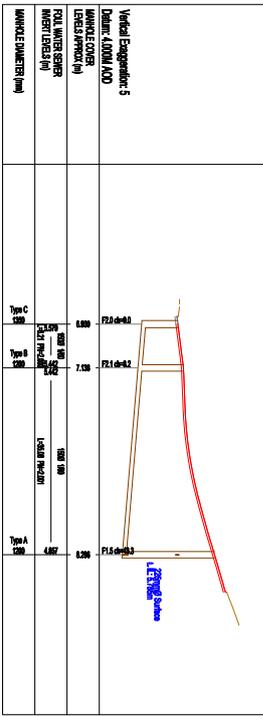


NOTES:
 Do not scale from drawings.
 For any discrepancies found please consult with design office.
 This drawing should be read in conjunction with all contract drawings, documents and specifications.
 All works to be carried out to Irish Water standard details and codes of practice.
 All pipes to be upVC type as per section 3.13 of the IW Code of Practice for Wastewater Infrastructure.
 Unplasticised PVC pipes and fittings shall comply with the pipe 400 UD - stiffness Class BSNiV2. Provision of bedding shall be based on the WfE Sewer Laying Code of Practice, June 1997. Pipes to be capable of resisting a maximum setting pump pressure of 2,600kpa (80 Bar) without damage (sewer pipe length up to 450mm, service connections of 100mm diameter).
 Bedding and trench detail as per STD-WW-07 and STD-WW-08.
 All manholes to be 1.2m internal diameter and precast concrete as per detail on Irish Water drawing STD-WW-10.
 The minimum pipe size for Gully/ Sewer where more than 20 metres of pipe is to be laid shall be 400mm diameter (to hydraulic design capacity assessment requirement).

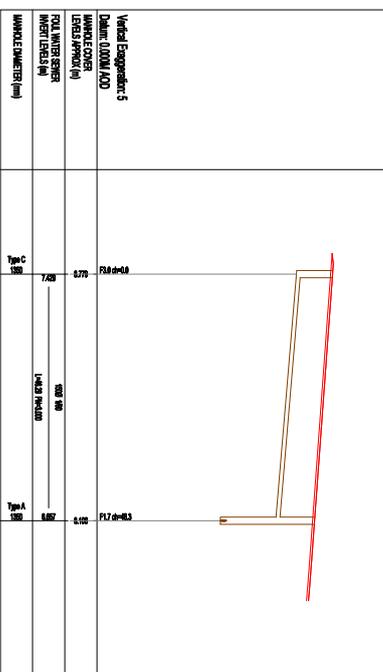
FOUL RUN F1.0 - Existing FMH 01



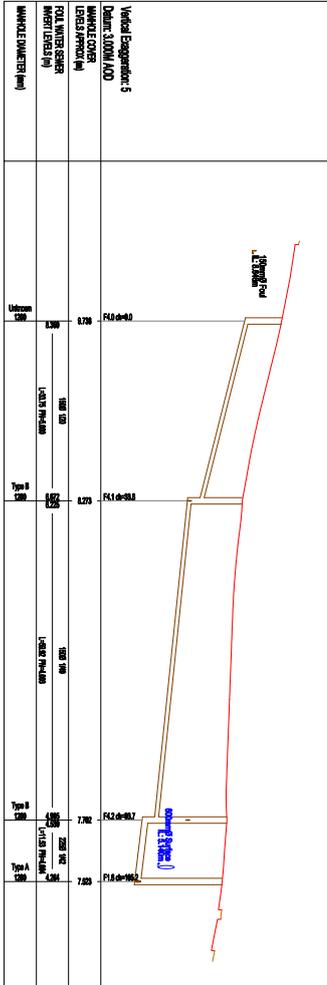
FOUL RUN F2.0 - F1.5



FOUL RUN F3.0 - F1.7



FOUL RUN F4.0 - F1.8



Drawing Status: PLANNING			
Project Title: Ballinacura Mill LRD.			
Drawing Title: Wastewater Longsection (Sheet 1 of 3)			
Client: Ballinacura Project Limited Partnership			
			
Designed: FOS	Drawn: FOS	Checked: KM	
Scale: NTS	Date:	Date: Oct 2025	
Job No.: 23072HD	Drawing No.: 23072HD-WWLS-P01	Revision:	