

NOTES: WATERMAIN INFRASTRUCTURE TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER SPECIFICATION IW-CDS-5920-03

- WATERMAIN COVERS TO ENCOMPASS A MINIMUM OF FOUR HOUSES CONNECTIONS OR TWO HOUSE CONNECTIONS TO BE PROVIDED AT EACH HOUSE CONNECTION POINT
- WATERMANS TO BE A MINIMUM 150mm FROM THE KERB AND 300mm FROM ANY OTHER SERVICE TYPICAL SERVICE LAYOUT DISTANCES (HORIZONTAL AND VERTICAL) AS PER SERVICE (STD-W-1)
- DEPT. OF ENVIRONMENT, HERITAGE AND ARCHITECTURE (DE) DRAWING SPECIFICATION (DWG-10) SHALL APPLY TO ALL WATERMANS
- WATERMANS TO BE A MINIMUM OF 300mm FROM SMALL SIZE AMENITY TREES AND 600mm FROM MEDIUM SIZE TREES
- WATERMANS TO BE KEPT 1.5m TO 2.0m FROM TREES WITH ROOT PROTECTION. TREES TO BE NO GREATER THAN 150mm DBH
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- LOCATION OF ALL WATERMANS TO BE SHOWN APPROPRIATE ONLY ON THIS DRAWING
- IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE POSITIONS ON THE GROUND ARE IN ACCORDANCE WITH IW-CDS-5920-03

NOTES:

Refer to STD-W-12A, STD-W-W-6R, STD-W-W-6A and STD-W-W-6B for details of Water and Waste Water Road Restrictions to be Reford 2000 or Similar

Water main house connections to comply with section 3.7 & 3.11.3 of the water code of practice and STD-W-26 standard detail

Air valves and Hydrants to comply with 3.14 of the code of practice, where provided in grass areas, shall be surrounded by concrete path, 200mm all round and 100mm deep formed with C20/25 concrete. The path shall incorporate reinforcement bars at around and shall have half rose finish around its external perimeter

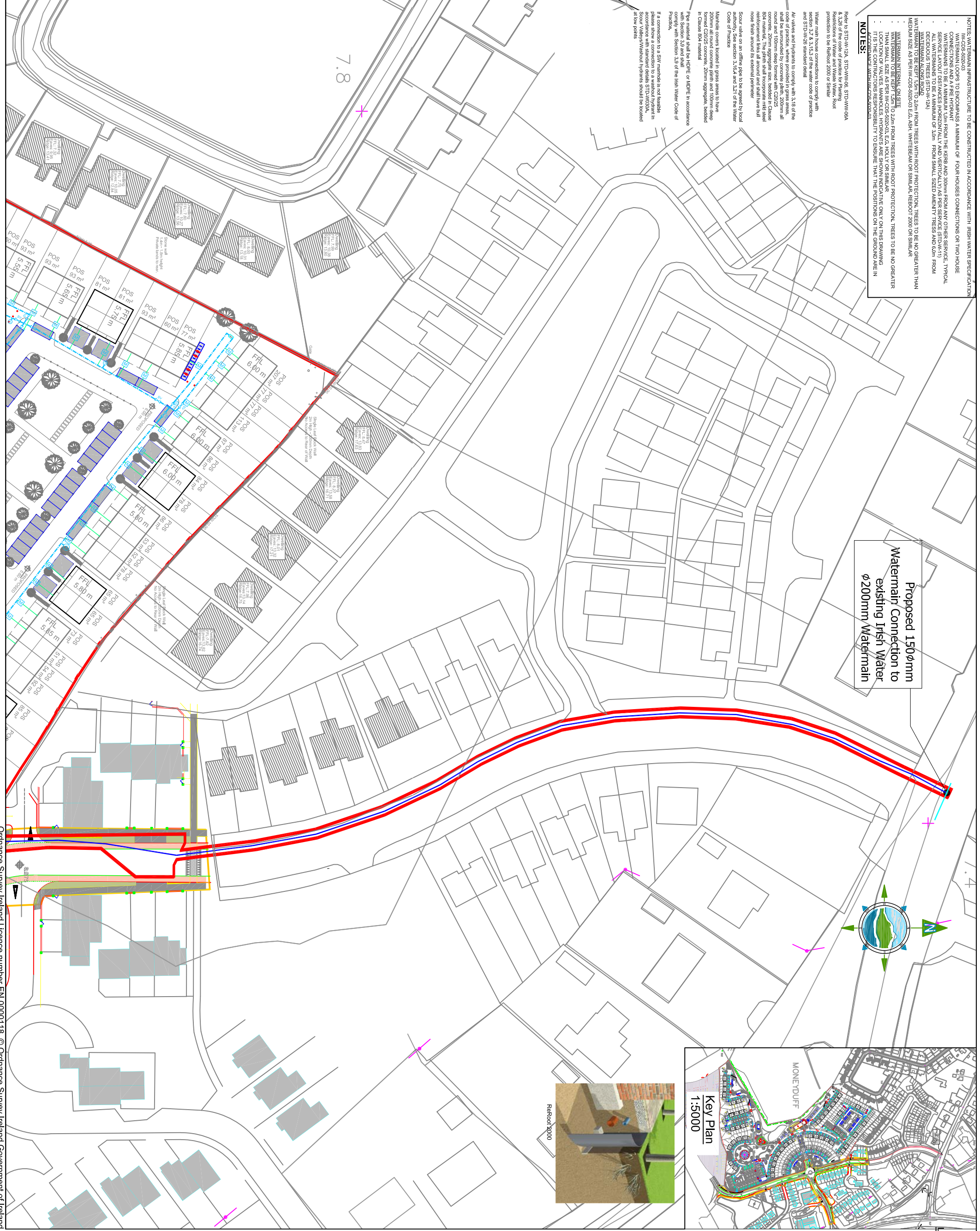
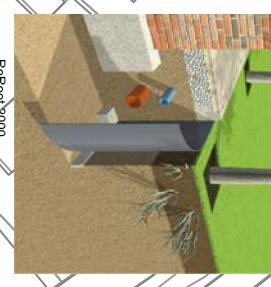
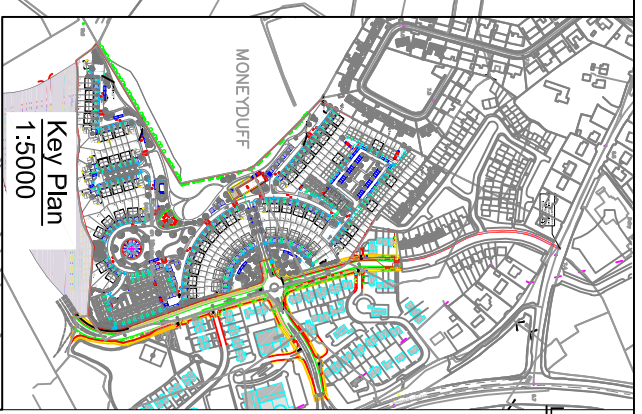
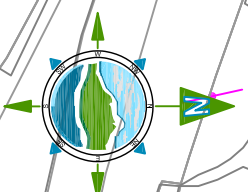
Scour valve on an office plot to be agreed by local authority. See section 3.16.4 and 3.2.1 of the Water Code of Practice

Manhole covers located in grass areas to have 200mm all round concrete path and 100mm deep formed C20/25 concrete, 20mm aggregate bedded in Class 9/4 material

Pipe material shall be HDPE or MDPE in accordance with Section 2.9 and shall be installed in accordance with Section 3.9 of the Irish Water Code of Practice.

If a connection to a SW manhole is not feasible in accordance with standard details STD-W-05/A, Scour Valve/Washout systems should be located at low points

Proposed 150 ϕ mm Watermain Connection to existing Irish Water ϕ 200mm Watermain



LEGEND

- Site Boundary/Walkway
- Existing 200mm uPVC Water Supply Pipe
- Proposed PE100 SDR 17 Water Supply Pipe
- Proposed PE150 SDR 17 Water Supply Pipe
- Proposed Water Meter
- Proposed Siltic Valve
- Proposed Fire Hydrant
- Proposed Bulk Meter
- Proposed Air Valve
- Proposed Scour Valve
- Proposed Level
- Proposed 25mm House Connections

Pipe material shall be HDPE or MDPE in accordance with Section 2.9 of the Irish Water Code of Practice.

Refer to STD-W-12A for Planning Restrictions

NOTES:

- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
- ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE
- ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES
- THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES BEFORE ANY WORK COMMENCES
- ALL ELEVATIONS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MAIN HEAD

Rev	Date	Description	By	Chk'd
C	07.03.18	Final Approved Layout (Minor Revisions)	FG	BR
B	21.02.18	Irish Water Revisions	FG	BR
A	20.06.2018	Issue for Planning	JK	BR

Client: **ARLUM LTD.**

Project: **Residential Development Moneyduff, Oranmore Co. Galway**

Title: **Proposed Watermain Layout Part 3**

Scale @ A1: **1:500**

Prepared by: **JK** Checked: **BR** Date: **January 2018**

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Drawing Status: **Planning**

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