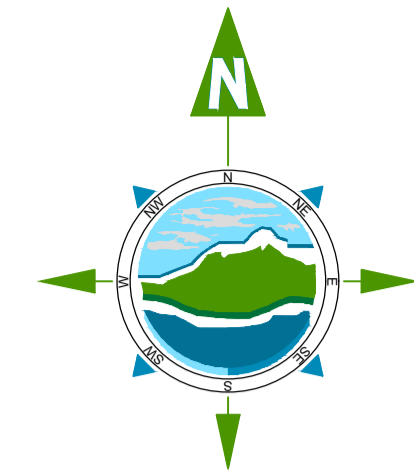




THE INFORMATION ON THIS DRAWING IS TO THE ORDNANCE SURVEY IRELAND ITM COORDINATE SYSTEM



Legend

- Site Boundary
- Existing 150mm Watermain
- - - Proposed 100mm Watermain
- SV Proposed Sluice Valve
- (H) Proposed Hydrant
- (M) Proposed Meter Box & Service
- TB Proposed Thrust Block
- BM Proposed Bulk Meter
- AV Proposed Air Valve
- SV SV SV Proposed 3-Way Sluice Valve Arrangement (Ductile Iron Pipework Between Valves) as per IW-CDS-5020-01
- SC Proposed Scour Valve & Washout Chamber
- Proposed Below Ground Static Water Storage Tank
- Potential area to flood

Sheet 2

- NOTES:**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
 2. ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE.
 3. ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES.
 4. THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES.
 5. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD.

| | | | | | | | |
|-----|------------|----------------|----|-------|--|--|--|
| | | | | | | | |
| | 12/07/2023 | | | | | | |
| DO1 | 12/07/2023 | Draft Planning | RM | RB | | | |
| Rev | Date | Description | By | Chkd. | | | |

Client: Galway County Council

Project: Proposed Residential Development
Baile an Chlair
Claregalway

Title: Proposed Watermain
Layout (Sheet 3 of 3)

| | | |
|-------------------|----------------|-----------|
| Scale @ A1: | 1:250 | |
| Prepared by: | Checked: | Date: |
| RM | RB | July 2023 |
| Project Director: | Brian Carroll | |
| Drawing Status: | Draft Planning | |

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DRAFT

Drawing No: **11171-2003D01** Revision:

Marker plate for static water tank and indicative location of draw-off point for fire-fighting

Minimum of 20 l/s flow is required from Hydrants for fire fighting purposes for multi-occupied housing development with units of more than two floors as per "National Guidance Document on the Provision of Water for firefighting - Water UK 3rd Edition".

Hydrants to be tested on completion of watermain. If 20l/s is achieved, static storage tanks may not be required subject to agreement with the local authority. Otherwise, 72m³ of static water storage tank providing 1hr storage volume at 20 l/s or approved alternative to be provided.

Below-ground static fresh water storage tank with minimum capacity 72m³.
Tank entrance to be latched and lockable with a grill to prevent unauthorised access.
Block-out of 150mm in entrance grill to allow for access or fire hose.
Tank to be maintained by Management Company and water to be cleaned.

Ø80mm connection to site watermain to provide for top-up and filling of static water storage tank above top of water level, to ensure an air gap exists, and shut off valve

Sheet 3