

**NOTES:**

1. ALL DIMENSIONS ARE IN METERS UNLESS SHOWN OTHERWISE.
2. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
3. PIPEWORK MATERIAL IS TO BE HDPE PE-80 SDR-17 UNLESS OTHERWISE NOTED AND IS TO COMPLY WITH SECTION 3.9 OF IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
4. PROPOSED BULK WATER METER TO COMPLY WITH SECTION 2.6.6 OF THE IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE AND IS TO BE CHOSEN AND SUPPLIED BY IRISH WATER.
5. ALL WATERMAIN DETAILS ARE TO COMPLY WITH THE REQUIREMENTS OF IRISH WATER CODE OF PRACTICE.
6. FOR APARTMENTS OR SIMILAR PROPERTIES A METER WILL BE INSTALLED INTERNALLY WITHIN THE PREMISES IN ACCORDANCE WITH THE BUILDING CONTROL AUTHORITY REQUIREMENTS AND SUBJECT TO REVIEW BY IRISH WATER.

**LEGEND**

**PROPOSED WATERMAIN INFRASTRUCTURE**

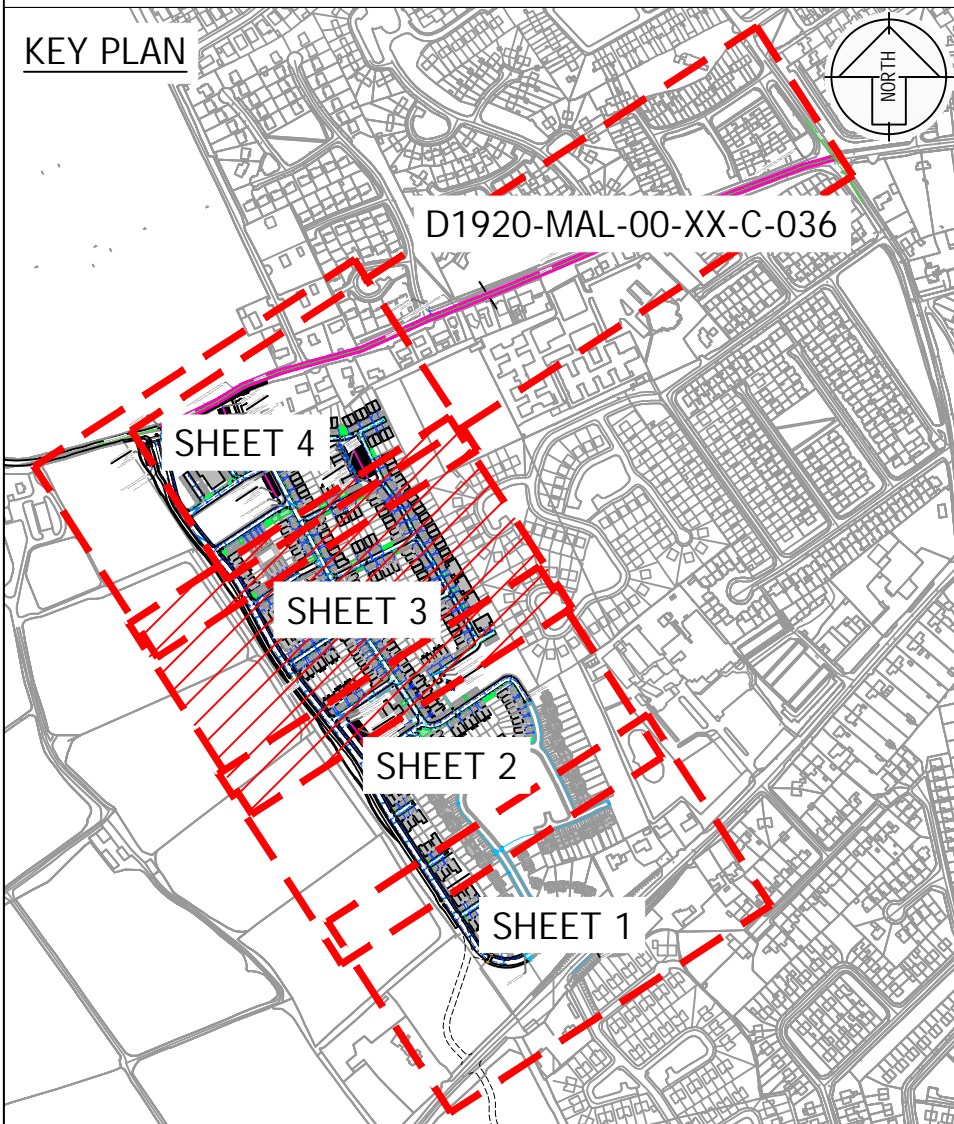
- PROPOSED 100 WATERMAIN
- PROPOSED 150 WATERMAIN
- PROPOSED 200 WATERMAIN
- PROPOSED UPGRADE WORKS TO EXISTING INFRASTRUCTURE
- PROPOSED BULK WATER METER
- PROPOSED SLUICE VALVE
- PROPOSED SCOUR VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED AIR VALVE
- PROPOSED BOUNDARY BOX
- PROPOSED MANIFOLD CHAMBER

**LEGEND**

**EXISTING WATERMAIN INFRASTRUCTURE**

- EXISTING 150 WATERMAIN
- EXISTING IRISH WATER WATERMAIN
- EXISTING BULK WATER METER
- EXISTING SLUICE VALVE
- EXISTING SCOUR VALVE
- EXISTING HYDRANT
- EXISTING AIR VALVE

**KEY PLAN**



SCOUR VALVE TO BE CONNECTED TO THE CLOSEST SURFACE WATER DRAINAGE MANHOLE

PROPOSED CATCHPIT MANHOLE  
 PROPOSED BYPASS NSBP015 KLARGESTER PETROL INTERCEPTOR OR SIMILAR APPROVED  
 PROPOSED FLOW CONTROL MANHOLE TO REDUCE FLOW TO 6.1l/s  
 PROPOSED ESS-EcoCell GEO-CELLULAR ATTENUATION "A" OR SIMILAR APPROVED  
 AREA: 341m<sup>2</sup>  
 DEPTH: 2.0m  
 POROSITY: 0.95%

PROPOSED CATCHPIT MANHOLE  
 PROPOSED BYPASS NSBP004 KLARGESTER PETROL INTERCEPTOR OR SIMILAR APPROVED  
 PROPOSED ESS-EcoCell GEO-CELLULAR SOAKAWAY "C" OR SIMILAR APPROVED

**PLANNING**

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**NOTES:**

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REVISION	DATE	DESCRIPTION	REV BY	CHK BY
A	23.04.21	ISSUED TO IRISH WATER	SC	SS
B	28.04.21	REVISED AND REISSUED TO IRISH WATER	SC	SS
C	14.05.21	ISSUED FOR PLANNING	SC	SS
D	01.02.22	REISSUED FOR PLANNING	SG	SOR

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<b>PROJECT</b> STRATEGIC HOUSING DEVELOPMENT AT BALLYMANY		<b>CLIENT</b> BRIARGATE DEVELOPMENTS NEWBRIDGE LIMITED	
<b>TITLE</b> WATER MAIN LAYOUT		<b>SHEET 3 OF 4</b>	
Director SOR	Proj Eng SS	Drawn by SC	DRG. No. D1920-MAL-00-XX-C-025
Scale 1:500 @A1	Checked SOR	Date MARCH '21	REV D