



LEGEND

1. EXISTING PUBLIC WATERMAINS

2. PROPOSED WATERMAINS

3. SLUICE VALVE TO IRISH WATER
STANDARD DETAIL STD-W-15

SV

4. AIR VALVE TO IRISH WATER
STANDARD DETAIL STD-W-22

AV

5. HYDRANT TO IRISH WATER
STANDARD DETAIL STD-W-19

H

6. SCOUR VALVE TO IRISH WATER
STANDARD DETAIL STD-W-30

Sc.V

7. BULK METER TO IRISH WATER
STANDARD DETAIL STD-W-26

Me

8. THRUST BLOCK

TB

9. BOUNDARY BOX

B

10. EXISTING PUBLIC FOUL SEWER

11. EXISTING PRIVATE FOUL SEWER

12. PROPOSED FOUL SEWER

13. PROPOSED FOUL INSPECTION CHAMBER

FIC

14. PROPOSED MANHOLE REFERENCE NUMBER
COVER AND INVERT LEVEL

15. PROPOSED PIPE DIAMETER AND GRADIENT

150mmØ @1:23

16. PLANNING APPLICATION SITE BOUNDARY

17. LANDS IN THE OWNERSHIP OF APPLICANT

WATERMAIN NOTES

1. All pipe work, valves, chambers, network arrangements and all associated watermain works to be in accordance with Irish Water Codes of Practice and Standard Details.

2. All new watermain material shall be in accordance with Section 3.9 of the Irish Water Code of Practice.

3. All manholes in grassed areas to have 200mm wide x 100mm deep concrete plinth/kerb cast to their perimeter to ensure they are not overgrown. Concrete to be grade C20/25.

4. Meters for apartments and similar properties shall be installed internally within the premises in accordance with the Building Control Authority's requirements and subject to review by Irish Water as per section 3.15.2 of the Code of Practice.

5. Proposed watermains to be located a minimum of 300mm from the wastewater infrastructure in accordance with section 3.5.18 of the 3.15.18 of the Irish Water Wastewater Code of Practice.

6. The location of the bulk meter, valves and hydrants shall be designed in accordance with section 3.15.4 of the Irish Water Code of practice.

7. Note the Fire Safety Certificate has not been completed yet, but as part of this development, it is confirmed that hydrants shall not be located any more than 46m from any part of the development.

8. All watermain works to be taken in charge to be air pressure tested in accordance with Irish Water Code of Practice Section 4.10.

FOUL SEWER NOTES

1. All works will be carried out in accordance with the requirements of Irish Water Codes of Practice for Wastewater.

2. Finished Floor Leves to be finalised with Architect.

3. All manholes in grassed areas to have 200mm wide x 100mm deep concrete plinth / kerb cast to their perimeter to ensure they are not overgrown. Concrete to be grade C20/C25.

4. External face of all proposed manhole chambers to be minimum 0.5 metre from the kerb line and the external face of the sewers to be minimum 1.0 metre from the kerb line.

5. New manholes constructed over existing Irish Water public sewer to be constructed to Irish Water Standards STD-WW-09, STD-WW-10, AND STD-WW-11

6. Concrete surround in accordance with Irish Water standard detail STD-WW-07 and STD-WW-08 to be provided to all sewers where minimum cover (900mm) is not achieved - note the absolute minimum depth of cover above the external crown of the pipe shall be 750mm.

7. All foul sewer pipe materials shall be in compliance with section 3.13 of the Irish Water Code of Practice for Wastewater.

NOTES

1. For setting out refer to Architect's drawings.

2. This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.

3. DO NOT SCALE THIS DRAWING. Use figured dimensions only.

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Rev. No.

Date

REVISION NOTE

Dm. By

Chkd. By

P1

24/05/2022

ISSUED FOR PLANNING

DF

COR

P2

03/06/2022

ISSUED WITH COMMENTS

DF

COR

P3

23/06/2022

REVISED COMMENTS

DF

COR

Client

Project

Title

Limerick City & County Council

O'Connor Park,
Ardagh, Co.Limerick.

Foul Sewer Network
and
Watermain Layout Plan

Dm by

Chkd by

Agred by

Dwg. No.

Revision

DF

COR

GC

L099L-001

P3

Date

Scale

1:250, 1:50

NSAI
Certified

Quality
Environment
Energy
Health & Safety

I.S. EN ISO 9001:2008
I.S. EN ISO 14001:2004
I.S. EN ISO 50001:2011
OHSAS 18001:2007

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