



**LEGEND:**

- EXISTING WATERMAIN ---
- PROPOSED WATERMAIN ---
- PROPOSED SLUICE VALVE S.V.
- PROPOSED SCOUR VALVE Sc.V
- PROPOSED AIR VALVE A.V
- PROPOSED HYDRANT H
- PROPOSED BULK METER Me
- PROPOSED BOUNDARY BOX BB
- THRUST BLOCK AS PER IRISH WATER STANDARD DETAIL STD-W-28 TB

**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. CODES OF PRACTICE AND STANDARD DETAILS OF NEW WATERMAIN MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 3.9 OF THE IRISH WATER CODE OF PRACTICE.
3. ALL CHAMBERS 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. SERVICE CONNECTIONS TO APARTMENT BLOCKS TO BE 63MM OD DIAMETER UNLESS STATED OTHERWISE IN THE DRAWING.
9. APARTMENT BLOCKS TO HAVE BOOSTED SUPPLY SYSTEMS. AN ISOLATION DEVICE SHALL BE PROVIDED USING A CONNECTION VIA AN UNRESTRICTED AIR-GAP DEVICE (AA TYPE, IS EN 1717) TO PREVENT BACKFLOW TO IW NETWORK AND PREVENT RISK OF CONTAMINATION. SEE SECTION 3.13 OF THE IRISH WATER CODE OF PRACTICE.



PROPOSED CONNECTION INTO WATER STORAGE TANK

WATER TANK ROOM

FFL: 86.000m

SET DOWN

PROPOSED 63mm MDPE HYDRADARE WATERMAIN

EXISTING 100mm Asbestos Watermain 1975

EXISTING 350mm Asbestos Watermain 1975

CARMANHALL ROAD

RAVEN'S ROCK ROAD

INTERNAL WATERMAIN SUPPLY FOR BLOCKS TO BE DESIGNED BY MECHANICAL ENGINEERS. INDIVIDUAL SUB METER FACILITIES TO BE PROVIDED TO EACH APARTMENT BLOCK

INSTALL BULK METER TO STD-26A OF THE IRISH WATER CODE OF PRACTICE.

PROPOSED WATERMAIN LAYOUT.  
SCALE 1:200

Q004

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- NOTES**
1. For setting out refer to Architect's drawings.
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Rev. No	Date	REVISION NOTE	Drn. By	Chk. By
P1	28.05.2021	ISSUED FOR PLANNING	IK	DS
P2	01.11.2021	ARCHITECTS LAYOUT AND SITE BOUNDARY REVISED	IK	FDB
P4	04.03.2022	REVISED FOR SODA RESPONSE	DD	GL
P5	14.03.2022	ARCHITECTS LAYOUT REVISED	IK	FDB

Client	Ravensbrook Limited
Project	Proposed Residential Development Raven's Rock Rd, Sandyford, Dublin
Title	Proposed Watermain Layout
Dwg. No.	RR-CSC-XX-XX-DR-C-0004
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Scale	1:200 @ A1
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Quality  
Environment I.S. EN ISO 9001:2008  
Energy I.S. EN ISO 14001:2004  
Health & Safety OHSAS 18001:2007