



**NOTES:**

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS. ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER.
- ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- JBBARRY'S TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
- DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- DO NOT SCALE, ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
- THE DEVELOPMENT SHALL HAVE A BULK WATER METER (EXACT LOCATION TO BE AGREED WITH IRISH WATER) IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE SECTION 3.15.4.
- EACH HOUSE UNIT SHALL HAVE AN APPROVAL BOUNDARY BOX (REFER TO APPENDIX A OF THE IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE) WITH INTEGRAL STOPCOCK AND SUITABLE FOR THE RECEPTION OF A WATER METER (REFER TO IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.14).
- ALL PROPOSED WATERMAIN PIPEWORK TO BE HDPE WITH MINIMUM PE-80 SDR-17 IN ACCORDANCE WITH SECTION 3.9 OF IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
- THE MINIMUM PIPE DIAMETER PROPOSED IS 100mmØ(ID).
- WATERMAIN TO BE LOCATED IN COMPLIANCE WITH STD-W-12A OF IW STANDARDS, IN RELATION TO PLANTING PROXIMITY.
- SEPARATION DISTANCES FROM WATERMAIN TO BE IN COMPLIANCE WITH STD-W-11 OF IW STANDARDS.
- ALL WATERMANS WILL HAVE A MINIMUM COVER OF 900mm. ALL SERVICE PIPES CONNECTING PROPERTIES WILL HAVE MINIMUM COVER OF 750mm.
- HYDRANTS SHALL BE DOUBLE FLANGED DRILLED TO PN16 AND SHALL COMPLY WITH BS EN 14339, IS EN 1074 PART 6 AND 135 750 REFER TO IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.16.5.
- SLUICE VALVES HAVE BEEN PROVIDED SO THAT INDIVIDUAL SECTIONS CAN BE ISOLATED & WILL COMPLY TO BS 5163. THE DEPTH OF THE SLUICE VALVE SPINDLE CAP BELOW FINISHED GROUND WILL NOT EXCEED 300mm.
- AIR VALVE AND HYDRANT COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY CONCRETE PLINTH, 200MM ALL AROUND AND 100MM DEEP, IN COMPLIANCE WITH IW STANDARDS.
- INDIVIDUAL SERVICE CONNECTION TO EACH UNIT TO BE IN ACCORDANCE WITH STD-W-26 OF IW STANDARDS.
- ALL WATERMAIN DETAILS TO BE IN ACCORDANCE WITH THE IRISH WATER INFRASTRUCTURE STANDARD DETAILS AND CODE OF PRACTICE FOR WATER INFRASTRUCTURE.

**WATERMAIN LEGEND:**

- EXISTING 450mmØ DN DI CLASS K9 DN16 TRUNK WATERMAIN
- EXISTING 250mmØ D.I. WATERMAIN
- PROPOSED 100mm Ø(D)HDPE WATERMAIN (PE-80 SDR-17)
- PROPOSED 150mm Ø(D)HDPE WATERMAIN (PE-80 SDR-17)
- PROPOSED 200mm Ø(D)HDPE WATERMAIN (PE-80 SDR-17)
- PROPOSED 250mm Ø(D)HDPE WATERMAIN (PE-80 SDR-17)
- PROPOSED Ø25MM SERVICE CONNECTION AND BOUNDARY BOX TO INDIVIDUAL UNITS
- PROPOSED FIRE HYDRANT (Irish Water: STD-W-16)
- PROPOSED SLUICE VALVE (Irish Water: STD-W-15)
- PROPOSED SCOUR VALVE (Irish Water: STD-W-30A)
- PROPOSED WASHOUT HYDRANT (Irish Water: STD-W-30A)
- PROPOSED AIR VALVE (Irish Water: STD-W-22)
- PROPOSED BULK WATER METER (Irish Water: STD-W-26)
- 10 M INDICATIVE WAYLEAVE FOR THE EXISTING 450mm DIA WATERMAIN

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GENERAL AMENDMENTS	LR	19.11.21	P04
LAYOUT UPDATED & HOUSE CONNECTION	SW	21.10.21	P03
LAYOUT AND LEVELS UPDATED	SW	11.05.21	P02
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Description: \_\_\_\_\_ Date: \_\_\_\_\_ Rev.: \_\_\_\_\_

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Drawing Title: WATERMAIN LAYOUT SHEET 1

Scales: 1:2000 @ A1

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