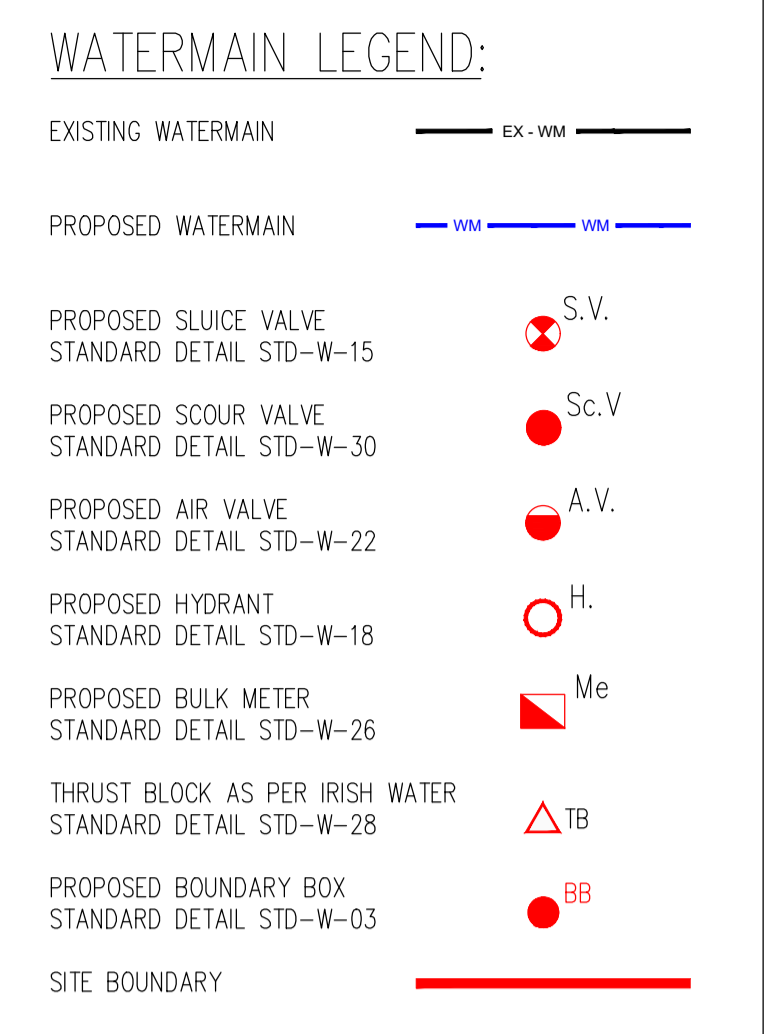


- WATERMAIN NOTES:**
1. ALL PIPE WORK, VALVES, CHAMBERS, NETWORK ARRANGEMENTS AND ALL ASSOCIATED WATERMAIN WORKS TO COMPLY WITH THE IRISH WATER INFRASTRUCTURE STANDARD DETAILS.
 2. ALL NEW WATERMAIN MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 3.9 OF THE IRISH WATER CODE OF PRACTICE. MDPE PIPES SHALL BE OF A TYPE PE-80 AND HAVE AN SDR-11 RATING. THEY SHALL CONFORM TO IS EN 12201: PART 1, PART 2 AND PART 3.
 3. THE PROPOSED 150mm WATERMANS WILL BE LOCATED A MINIMUM OF 300mm FROM THE WASTEWATER INFRASTRUCTURE IN ACCORDANCE WITH SECTION 3.5.18 OF THE IRISH WATER CODE OF PRACTICE AND TYPICAL SERVICE LAYOUT DISTANCES (HORIZONTAL AND VERTICAL) SHALL BE AS PER IRISH WATER STANDARD DETAIL STD-W-11.
 4. AIR PRESSURE TESTS TO ALL WORKS TO BE TAKEN IN CHARGE TO IRISH WATER CODE OF PRACTICE SECTION 4.10.
 5. MANFOLD CHAMBERS WILL BE USED TO PROVIDE A COMMUNAL BOX FOR THE APARTMENT BLOCK AND THAT EACH DWELLING UNIT WILL HAVE ITS OWN SUPPLY PIPE AND METER AND STOP VALVE. ALL METERS IN THE MANFOLD SHALL BE TAGGED TO INDICATE WHICH PROPERTY IS SUPPLIED AND ANY UNUSED OUTLETS WILL BE BLANKED OFF IN ACCORDANCE WITH SECTION 3.15.4 OF THE IRISH WATER WASTEWATER CODE OF PRACTICE.
 6. BULK METERS SHALL COMPLY WITH SECTION 3.15.4 OF THE IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
 7. WATERMAIN T-JUNCTIONS SHALL BE AT 90 DEGREE ANGLES AS PER IRISH WATER DETAIL STD-W-07.
 8. THRUST BLOCKS TO BE PROVIDED AT DEAD ENDS, BENDS, TE, JUNCTIONS, VALVE CHAMBERS (AS PER DETAILS) OR ANY ABRUPT CHANGE IN VERTICAL OR HORIZONTAL DIRECTION AND AT ANY LOCATION WHERE WATER PRESSURE IS LIKELY TO DISTORT THE PIPE LINE INSTALLATION OR CAUSE DISPROPORTIONATE MOVEMENT. THRUST BLOCKS TO BE IN ACCORDANCE WITH SECTION 4.9 OF THE IRISH WATER CODE OF PRACTICE AND IRISH WATER STANDARD DETAIL STD-W-28.
 9. ANY NEW PLANTING OF TREES, SHRUBS ETC. TO BE IN STRICT ACCORDANCE WITH THE IRISH WATER STANDARD DETAIL STD-W-12A. ANY PROPOSED WATERMAIN LOCATED IN PROXIMITY TO EXISTING TREES SHALL BE IN ACCORDANCE WITH STANDARD IRISH WATER DETAIL STD-W-12.
 10. SCOUR VALVE TO BE LOCATED AT SITE LOW POINT. THE SCOUR CHAMBER IS TO BE PROVIDED WITH A NON-RETURN VALVE TO PREVENT BACK FLOW TO THE WATER SUPPLY NETWORK AND AGREED WITH THE LOCAL AUTHORITY. SCOUR VALVE AND CHAMBER TO COMPLY WITH SECTION 3.16.4 AND 3.21 OF THE IRISH WATER CODE OF PRACTICE.
 11. 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 UNITS.
 12. INDICATOR AND MARKER POSTS TO BE PROVIDED AT ALL CHAMBERS AS PER SECTION 3.23 OF THE IRISH WATER CODE OF PRACTICE FOR WATER.



**BLOCK 9.
LDA OWNERSHIP.
PLANNING PERMISSION EXPIRED.**

- NOTES.**
1. MDPE AND HDPE PIPES SHALL BE OF A TYPE PE-100 AND HAVE AN SDR-11 OR SDR-17 RATING. THEY SHALL CONFORM TO IS EN 12201: PART 1 AND PART 2 (PLASTIC SYSTEMS FOR WATER SUPPLY, DRAINAGE AND SEWERAGE UNDER PRESSURE - PART 1, GENERAL AND PART 2, PIPES) AND IS EN 12201-3 (PLASTIC SYSTEMS FOR WATER SUPPLY, DRAINAGE AND SEWERAGE UNDER PRESSURE-PART 3: FITTINGS).
 2. REMOVAL OF EXISTING TREES AND VEGETATION, IN LINE WITH NPWS GUIDELINES.
 3. ALL FLANGED FITTINGS TO BE GPS AND INFORMATION SUPPLIED TO THE MAIN WORKS CONTRACTOR.

**BLOCK 10.
LDA OWNERSHIP.
PLANNING PERMISSION EXPIRED.**

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- NOTES**
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 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
P1	16.05.2024	ISSUED FOR STAGE 2 PLANNING
P2	28.06.2024	ISSUED FOR STAGE 3 PLANNING
P3	23.07.2024	ISSUED FOR REVIEW
P4	08.08.2024	ISSUED FOR REVIEW
P5	13.08.2024	ISSUED FOR PLANNING SUBMISSION

Rev. No.	Date	REVISION NOTE	Drn. By	Chkd. By
P1	16.05.2024	ISSUED FOR STAGE 2 PLANNING	JF	GL
P2	28.06.2024	ISSUED FOR STAGE 3 PLANNING	JS	JF
P3	23.07.2024	ISSUED FOR REVIEW	JS	JF
P4	08.08.2024	ISSUED FOR REVIEW	JF	GF
P5	13.08.2024	ISSUED FOR PLANNING SUBMISSION	JS	GF

Client	LDA
Project	Clongriffin Blocks 5 & 6
Title	Proposed Watermain Layout Sheet 1 of 2
Dwg. No.	CLN-CSC-XX-XX-DR-C-0113
Date	MAY 2024
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NSAI Certified Energy I.S. EN ISO 14001:2004
Health & Safety OHSAS 18001:2007