



- NOTE:**
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 3.15 OF THE IRISH WATER CODE OF PRACTICE. WPIPE PIPES SHALL BE OF A TYPE PE-80 AND HAVE AN SD-11 FINISH. THEY SHALL CONFORM TO IS EN 12201- PART 1, PART 2 AND PART 3.
 3. THE PROPOSED WATERMANS WILL BE LOCATED A MINIMUM OF 300mm FROM THE WATERMANS INFRASTRUCTURE BY ACCORDANCE WITH SECTION 3.15.8 OF THE IRISH WATER WATERMANS CODE OF PRACTICE AND TYPICAL SCIENCE 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 ACCORDANCE WITH SECTION 4.10 OF THE IRISH WATER CODE OF PRACTICE AND TYPICAL SCIENCE LAYOUT DISTANCES (HORIZONTAL AND VERTICAL) SHALL BE AS PER IRISH WATER STANDARD DETAIL STD-W-11.
 5. BULK METERS SHALL COMPLY WITH SECTION 3.15.4 OF THE IRISH WATER CODE OF PRACTICE AND TYPICAL SCIENCE LAYOUT DISTANCES (HORIZONTAL AND VERTICAL) SHALL BE AS PER IRISH WATER STANDARD DETAIL STD-W-07.
 6. WATERMAIN T-JUNCTIONS SHALL BE AT 90 DEGREE ANGLES AS PER IRISH WATER STANDARD DETAIL STD-W-07.
 7. THRUST BLOCKS TO BE PROVIDED AT DEAD ENDS, BENDS, TEE JUNCTIONS, VALVE CHAMBERS (AS PER DETAILS) OR ANY ABRUPT CHANGE IN VERTICAL OR HORIZONTAL DIRECTION AND AT ANY LOCATION WHERE WATER PRESSURES ARE LIKELY TO DISTURB THE PIPE LINE INSTALLATION OR CAUSE DISPROPORTIONATE MOVEMENT. THRUST BLOCKS TO BE IN ACCORDANCE WITH SECTION 4.8 OF THE IRISH WATER CODE OF PRACTICE AND TYPICAL SCIENCE LAYOUT DISTANCES (HORIZONTAL AND VERTICAL) SHALL BE AS PER IRISH WATER STANDARD DETAIL STD-W-28.
 8. 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.
 9. SCOUR VALVE TO BE LOCATED AT SITE LOW POINT. THE SCOUR CHAMBER 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.
 10. 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.
 11. INDICATOR AND MARKER POSTS TO BE PROVIDED AT ALL CHAMBERS AS PER SECTION 3.23 OF THE IRISH WATER CODE OF PRACTICE FOR WATER.

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NOTES

1. For settings 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.
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Rev No.	Date	REVISION NOTE	Drawn By	Checked By
01	08/10/2021	DRAFT ISSUE FOR PLANNING STAGE 1	DD	NS
02	15/11/2021	AMENDED AS CLOUDED RESPONSE TO REVIEW BY IRISH WATER FOR STATEMENT OF DESIGN ACCEPTANCE	DD	NS
03	03/12/2021	ISSUED FOR PLANNING STAGE 2	DD	OS

Client	THE ARDEE PARTNERSHIP BRIDGEGATE SHD, ARDEE, CO. LOUTH
Title	PROPOSED WATERMAIN LAYOUT
Drawn By	ARDEE-CSC-00-XX-DR-C-1003
Date	15/11/2021
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