



**LEGEND:**

- EXISTING WATERMAIN
- PROPOSED WATERMAIN
- PROPOSED SLUICE VALVE
- PROPOSED SCOUR VALVE
- PROPOSED AIR VALVE
- PROPOSED HYDRANT
- PROPOSED BULK METER
- PROPOSED BOUNDARY BOX

**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 3.9 OF THE IRISH WATER CODE OF PRACTICE. MOPE 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 WATERMANS WILL BE LOCATED A MINIMUM OF 300mm FROM THE WASTEWATER INFRASTRUCTURE IN ACCORDANCE WITH SECTION 3.5.18 OF THE IRISH WATER WASTEWATER 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. BULK METERS SHALL COMPLY WITH SECTION 3.15.4 OF THE IRISH WATERS CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
6. WATERMAIN T-JUNCTIONS SHALL BE AT 90 DEGREE ANGLES AS PER IRISH WATER 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 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.
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 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. LOCALISED LOW POINTS ARE TO BE SCoured BY MEANS OF A WASHOUT HYDRANT AS PER SECTION 3.22 OF THE IRISH WATER CODE OF PRACTICE.



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- NOTES**
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Rev. No.	Date	REVISION NOTE	Dr. By	Chkd. By
P1	19.05.2022	ISSUED FOR PLANNING	SC	SS
P2	10.06.2022	REVISED AND REISSUED FOR PLANNING	SC	SS

  

Architect	JFOC Architects	
Project	Proposed Development at Newcastle, Co. Dublin	
Title	Proposed Watermain Layout	
Dwg. No.	NCA-CSC-ZZ-SI-DR-C-0003	
Date	May 2022	Dr. by DD, Chkd. by SS, Apprd. by OS, Scale 1:250 @ A1, Revision P2

<b>JFOC Architects</b> Proposed Development at Newcastle, Co. Dublin Proposed Watermain Layout NCA-CSC-ZZ-SI-DR-C-0003 May 2022	
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**CS Consulting Group**  
 DUBLIN | LONDON | LIMERICK

Head Office  
 19-22 Dame Street, Dublin 2.  
 T: +353 (0)1 5480863  
 e: info@csconsulting.ie  
 w: www.csconsulting.ie

Quality ISO 9001:2008  
 Environment ISO 14001:2004  
 Energy ISO 50001:2011  
 Health & Safety OHSAS 18001:2007