

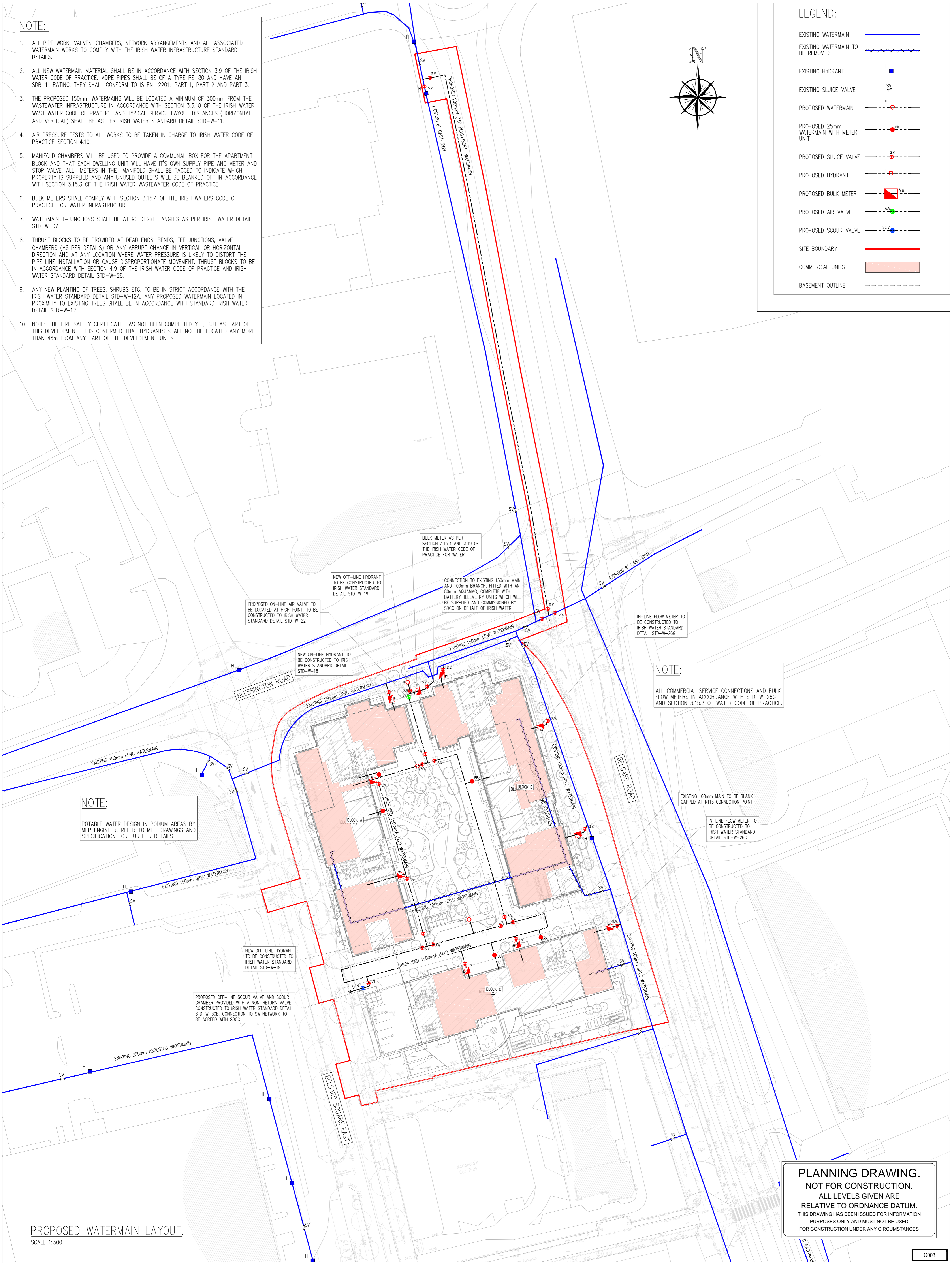
NOTE:

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 150mm 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. MANIFOLD 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 MANIFOLD SHALL BE TAGGED TO INDICATE WHICH PROPERTY IS SUPPLIED AND ANY UNUSED OUTLETS WILL BE BLANKED OFF IN ACCORDANCE WITH SECTION 3.15.3 OF THE IRISH WATER WASTEWATER CODE OF PRACTICE.
6. BULK METERS SHALL COMPLY WITH SECTION 3.15.4 OF THE IRISH WATERS 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, 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.
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. 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.



LEGEND:

- EXISTING WATERMAIN
- EXISTING WATERMAIN TO BE REMOVED
- EXISTING HYDRANT
- EXISTING SLUICE VALVE
- PROPOSED WATERMAIN
- PROPOSED 25mm WATERMAIN WITH METER UNIT
- PROPOSED SLUICE VALVE
- PROPOSED HYDRANT
- PROPOSED BULK METER
- PROPOSED AIR VALVE
- PROPOSED SCOUR VALVE
- SITE BOUNDARY
- COMMERCIAL UNITS
- BASEMENT OUTLINE



NOTE:
ALL COMMERCIAL SERVICE CONNECTIONS AND BULK FLOW METERS IN ACCORDANCE WITH STD-W-26G AND SECTION 3.15.3 OF WATER CODE OF PRACTICE.

PLANNING DRAWING.
NOT FOR CONSTRUCTION.
ALL LEVELS GIVEN ARE RELATIVE TO ORDNANCE DATUM.
THIS DRAWING HAS BEEN ISSUED FOR INFORMATION PURPOSES ONLY AND MUST NOT BE USED FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

PROPOSED WATERMAIN LAYOUT.
SCALE 1:500

- NOTES**
1. For setting 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.
 3. DO NOT SCALE THIS DRAWINGS. Use figured dimensions only.
 4. No part of this document may be reproduced or transmitted in any form or stored in any retrieval system of any nature without the written permission as copyright holder except as agreed for use on the project for which the document was originally issued.
 5. Ordnance Survey Ireland Licence Number EN 0074022

Rev. No.	Date	REVISION NOTE	Dr. By	Chkd. By
P1	19.10.2021	WATERMAIN LAYOUT TO IW COMMENTS REVISED	IK	FDB
P2	22.04.2022	ISSUED FOR PLANNING	IK	FDB
P3	26.04.2022	POINT OF CONNECTION REVISED	IK	FDB
P4	28.04.2022	SITE BOUNDARY REVISED	IK	FDB
P5	17.05.2022	SITE BOUNDARY AND WATERMAIN LAYOUT REVISED	IK	FDB
P6	24.05.2022	UPDATED FOLLOWING IRISH WATER REQUIREMENTS	IK	MM
P7	30.05.2022	UPDATED FOLLOWING IRISH WATER REQUIREMENTS	IK	MM
P8	03.06.2022	ISSUED FOR PLANNING	IK	FDB

Architect	Henry J. Lyons			
Project	Proposed Development On The Belgard Square East.			
Title	Proposed Watermain Layout			
Dwg. No.	Q003-CSC-ZZ-XX-DR-C-0004			
Date	Dr. by	Chkd. by	Appr. by	Scale
Sept 2021	IK	FDB	NB	1:500 @ A1
Revision				P8

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 Environment I.S. EN ISO 9001:2008
Energy I.S. EN ISO 14001:2004
NSAI Certified Health & Safety OHSAS 18001:2007