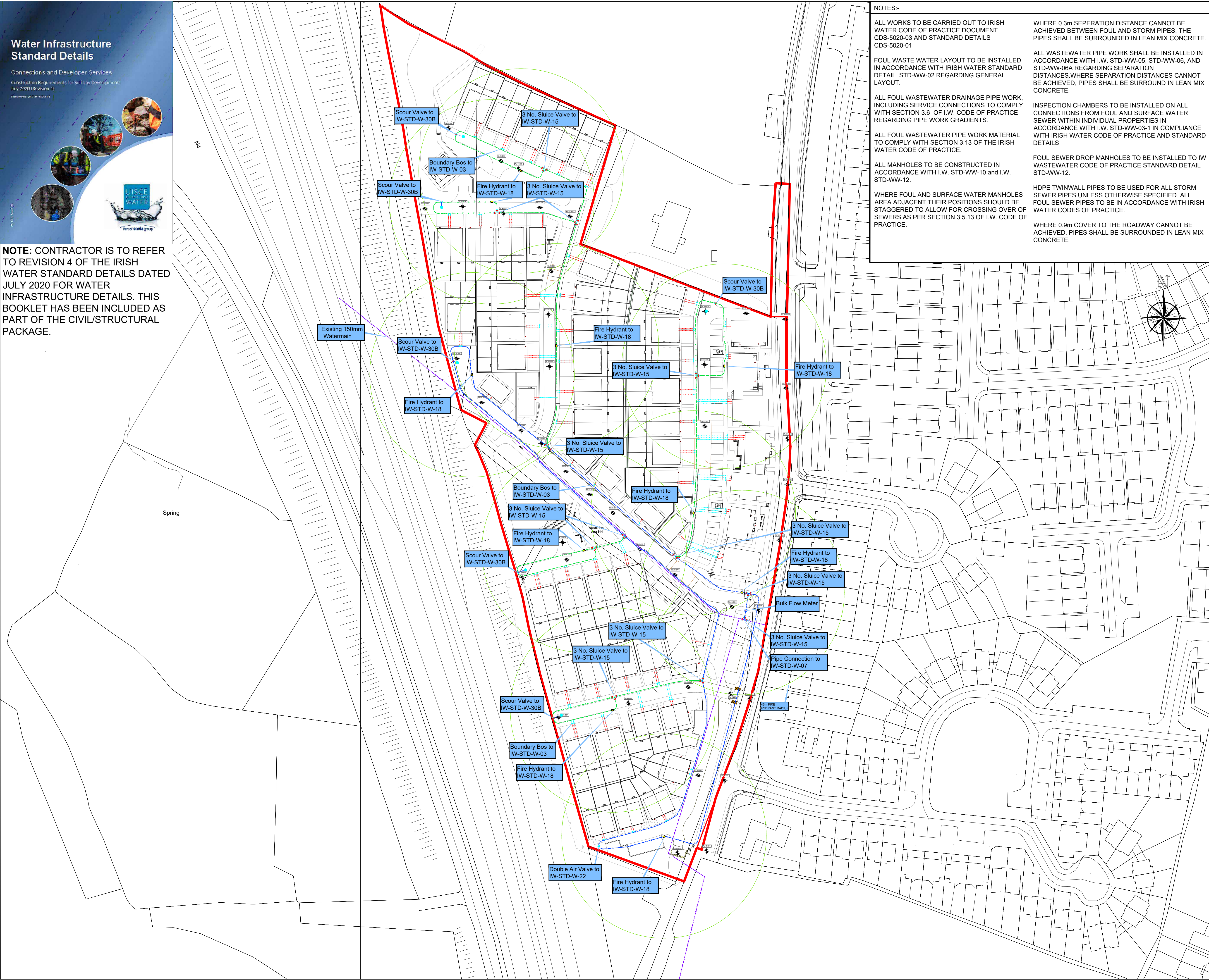


**NOTE:** CONTRACTOR IS TO REFER TO REVISION 4 OF THE IRISH WATER STANDARD DETAILS DATED JULY 2020 FOR WATER INFRASTRUCTURE DETAILS. THIS BOOKLET HAS BEEN INCLUDED AS PART OF THE CIVIL/STRUCTURAL PACKAGE.



**NOTES:-**

ALL WORKS TO BE CARRIED OUT TO IRISH WATER CODE OF PRACTICE DOCUMENT CDS-5020-03 AND STANDARD DETAILS CDS-5020-01

FOUL WASTE WATER PIPE LAYOUT TO BE INSTALLED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-WW-02 REGARDING GENERAL LAYOUT.

ALL FOUL WASTEWATER DRAINAGE PIPE WORK, INCLUDING SERVICE CONNECTIONS TO COMPLY WITH SECTION 3.6 OF I.W. CODE OF PRACTICE REGARDING PIPE WORK GRADIENTS.

ALL FOUL WASTEWATER PIPE WORK MATERIAL TO COMPLY WITH SECTION 3.13 OF THE IRISH WATER CODE OF PRACTICE.

ALL MANHOLES TO BE CONSTRUCTED IN ACCORDANCE WITH I.W. STD-WW-10 AND I.W. STD-WW-12.

WHERE FOUL AND SURFACE WATER MANHOLES AREA ADJACENT THEIR POSITIONS SHOULD BE STAGGERED TO ALLOW FOR CROSSING OVER OF SEWERS AS PER SECTION 3.5.13 OF I.W. CODE OF PRACTICE.

WHERE 0.3m SEPERATION DISTANCE CANNOT BE ACHIEVED BETWEEN FOUL AND STORM PIPES, THE PIPES SHALL BE SURROUNDED IN LEAN MIX CONCRETE.

ALL WASTEWATER PIPE WORK SHALL BE INSTALLED IN ACCORDANCE WITH I.W. STD-WW-05, STD-WW-06, AND STD-WW-06A REGARDING SEPARATION DISTANCES.WHERE SEPARATION DISTANCES CANNOT BE ACHIEVED, PIPES SHALL BE SURROUND IN LEAN MIX CONCRETE.

INSPECTION CHAMBERS TO BE INSTALLED ON ALL CONNECTIONS FROM FOUL AND SURFACE WATER SEWER WITHIN INDIVIDUAL PROPERTIES IN ACCORDANCE WITH I.W. STD-WW-03-1 IN COMPLIANCE WITH IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS

FOUL SEWER DROP MANHOLES TO BE INSTALLED TO IW WASTEWATER CODE OF PRACTICE STANDARD DETAIL STD-WW-12.

HDPE TWINWALL PIPES TO BE USED FOR ALL STORM SEWER PIPES UNLESS OTHERWISE SPECIFIED. ALL FOUL SEWER PIPES TO BE IN ACCORDANCE WITH IRISH WATER CODES OF PRACTICE.

WHERE 0.9m COVER TO THE ROADWAY CANNOT BE ACHIEVED, PIPES SHALL BE SURROUNDED IN LEAN MIX CONCRETE.

**NOTES**

**GENERAL NOTES:**

- 1 FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
- 2 ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE.
- 3 ENGINEER TO BE INFORMED OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES.
- 4 THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.

**LEGEND**

SITE BOUNDARY shown thus

PROPOSED ON-LINE FIRE HYDRANT (IW-STD-W-18) shown thus

PROPOSED SLUICE VALVE (IW-STD-W-15) shown thus

PROPOSED SCOUR VALVE (IW-STD-W-30B) shown thus

PROPOSED DOUBLE AIR VALVE (IW-STD-W-22) shown thus

PROPOSED BULK WATER METER TO INCL. KIOSK TO STD-W-36 AND METER CHAMBER TO STD-W-26 shown thus

WATERMAIN SUPPLY Ø 110mm OUTSIDE DIAMETER PE100, PIPE MATERIAL SHALL BE IN COMPLIANCE WITH IRISH WATER SECTION 3.9 OF THE CODE OF PRACTICE shown thus

WATERMAIN SUPPLY Ø 180mm OUTSIDE DIAMETER PE100, PIPE MATERIAL SHALL BE IN COMPLIANCE WITH IRISH WATER SECTION 3.9 OF THE CODE OF PRACTICE shown thus

EXISTING Ø 150MM INSIDE DIAMETER uPVC WATERMAIN shown thus

PROPOSED WATER SUPPLY CONNECTION (25mm O.D. PE PIPE) shown thus

PROPOSED LEVELS shown thus

46M HYDRANT RADIUS shown thus

Red Line Area:-  
37,960 m<sup>2</sup> 3.796 Hectares

ITM Co-Ordinates of site:- 568884, 834363  
Irish Grid Co-Ordinates: 168926, 334357

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OS Ireland Map No. 1012-17, 1012-22, 1012-C

P.05	Revised Site Layout	PC	EM	EM	29.04.24
P.04	Revised Site Layout	KK	EM	EM	24.04.24
P.03	Issued for PLANNING	PC	EM	EM	22.03.24
P.02	Air valve label added	PC	EM	EM	14.11.23
P.01	Issued for LRD	PC	EM	EM	05.10.23
Rev.	Modifications	By	Chkd	Aprvd	Date

Layout Ref.:  
File P:\Jod-jobs\6736 Burkes Cornageeha\700 Drawings\703 Planning\01 WIP\6736-JOD-XX-ZZ-DR-C-200-007-Watermain Layout.dwg

**Client**  
JOHN WALTER BURKE

**Project**  
CALTRAGH LRD

**Stage**  
PLANNING

**Title**  
PROPOSED WATERMAIN LAYOUT

**Scale**  
1:400 @ A1

Surveyed	Drawn	Checked	Date
OSI	PC	EM	OCT '23

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**Drawing No.**  
6736-JOD-XX-ZZ-DR-C-200-007

**Revision**  
P.05