

Legend:

Watermain Details:

BB01

Denotes Connection Pipe (25mm O.D. PE Pipe)

BB02

Denotes Connection Pipe (32mm O.D. PE Pipe)

Denotes 110/125mm O.D. HDPE Watermain

Denotes 80mm O.D. HDPE Watermain loop

Denotes 150mm Ø (I.D.) - HDPE Watermain

SV001

Denotes Sluice Valve

WO

Denotes Washout Hydrant

NRV

Denotes Non-Return Valve

FH003

Denotes Fire Hydrant

AV001

Denotes Air Valve

Meter Chamber

Denotes Water Meter

Denotes Existing Public Watermain

Document No. IW-CDS-5020-01

Water Service Connection Responsibility : STD-W-01

Customer Connection & Boundary Box : STD-W-03

Marker Posts & Plates : STD-W-27

General Pipe Connections : STD-W-04

General Pipe Connections : STD-W-05

General Pipe Connections : STD-W-07

Trench Backfill and Bedding : STD-W-13

Watermain Thrust & Support Blocks : STD-W-28

Sluice Valve : STD-W-15

Marker Posts & Plates : STD-W-27

Washout Hydrant : STD-W-30A

On Line Hydrant : STD-W-18

Off Line Hydrant : STD-W-19

Marker Posts & Plates : STD-W-27

Air Valve : STD-W-22

Meter Chamber : STD-W-26/26A

Marker Posts & Plates : STD-W-27

Note: Refer to Irish Water Standard Details Drawings Document No. IW-CDS-5020-01

1. Mains should extend no more than 1.2m beyond the final Service Connection to mitigate dead-end Mains (Code of Practice for Water Infrastructure - Section 3.5)

2. Service connection pipes should be a minimum of 25mm outside diameter, 20mm inside diameter, and should be provided with appropriately sized fittings. (Code of Practice for Water Infrastructure - Section 3.8)

3. Separation distances must be in compliance with Standard details & Code of Practice for Water Infrastructure

4. All meters in the manifold shall be tagged to indicate which property is supplied and any unused outlets are to be blanked off.

Proposed Watermain Layout
Scale : 1:250

DOSA

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D	A.G.	S.O'D.	C.O.S.	10.03.25	Issued for IW
C	A.G.	S.O'D.	C.O.S.	07.03.25	Issued for RFI Planning
B	A.B.	S.O'D.	C.O.S.	05.11.24	Revised & Reissued for 20241029 HP-OBR ITCD CLARIFICATIONS
REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS

CLIENT	OBR Construction
PROJECT	Innishmore, Ballincollig, Co. Cork

DRAWING TITLE	Proposed Watermain Layout
SHEET	A1
SCALE	1:250
PROJECT NO.	6767
DRAWING NO.	0030
STATUS/ISSUE	F