DOSA
DENIS O'SULLIVAN & ASSOCIATES
CONSULTING ENGINEERS

Joyce House
Barrack
Square
Ballincollig
Cork
P31 KP84

021 4871781
info@dosa.ie
www.dosa.ie

CLIENT

PROJECT
Development at Glyntown, Glanmire, Co. Cork

DRAWING TITLE
Proposed Watermain Layout

SHEET	SCALE	DRAWN	CHECKED	APPROVED	PROJECT NO.	DRAWING NO.	STATUS/ISSUE
A1	1:250	E.C.	B.O'S.	C.O'S.	6291–	5030–	Q

REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS
Q	E.C.	B.O'S.	C.O'S.	06.09.'24	Issued For Part 8 Feedback
P	E.C.	B.O'S.	C.O'S.	26.08.'24	Issued For Part 8 Feedback
O	E.C.	B.O'S.	C.O'S.	09.08.'24	Issued For Part 8 Feedback
N	E.C.	B.O'S.	C.O'S.	24.05.'24	Issued For Part 8 Feedback

Drawing 6291-5030 To Be Read In Conjunction with Drawings 6415-5032

Legend:

Watermain Details:	
WSCV — Denotes Connection Pipe	
Denotes 80mm O.D. HDPE Watermain	
Denotes 110/125mm O.D. HDPE Watermain	
Denotes 63mm Ø HDPE Watermain Loop	
SV — Denotes Sluice Valve	
WH — Denotes Washout Hydrant	
FH — Denotes Fire Hydrant	
A — Denotes Air Valve	
Me — Denotes Water Meter	
Denotes Existing Public Watermain	
FMC — Denotes By-Pass Flow Meter Chamber	
MF — Denotes Manifold Chamber	

Document No. IW-CDS-5020-01	
Water Service Connection Responsibility	STD-W-01
Layout For Watermains within Develop.	STD-W-02
Customer Connection & Boundary Box	STD-W-03
General Pipe Connections	STD-W-05
General Pipe Connections	STD-W-07
Trench Backfill and Bedding	STD-W-13
Sluice Valve For (P.E.) Pipe (<350mmØ)	STD-W-15
Off-Line Hydrant For (P.E.) Pipe	STD-W-19
On-Line Air Valve For (P.E.) Pipe	STD-W-22
Meter Chamber (≤300mm Ø)	STD-W-26/26A
Marker Posts & Plates	STD-W-27
Watermain Thrust & Support Blocks	STD-W-28

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 ouside diameter, 20mm inside diameter, and should be provided with appropriately sized fittings. (Code of Practice for Water Infrastructure - Section 3.8)