

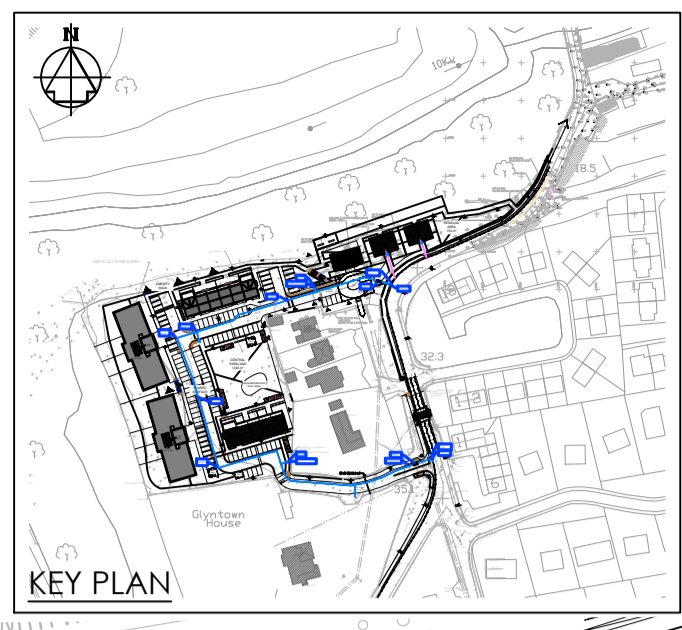
CLIENT

PROJECT
Development at Glyntown, Glanmire, Co. Cork

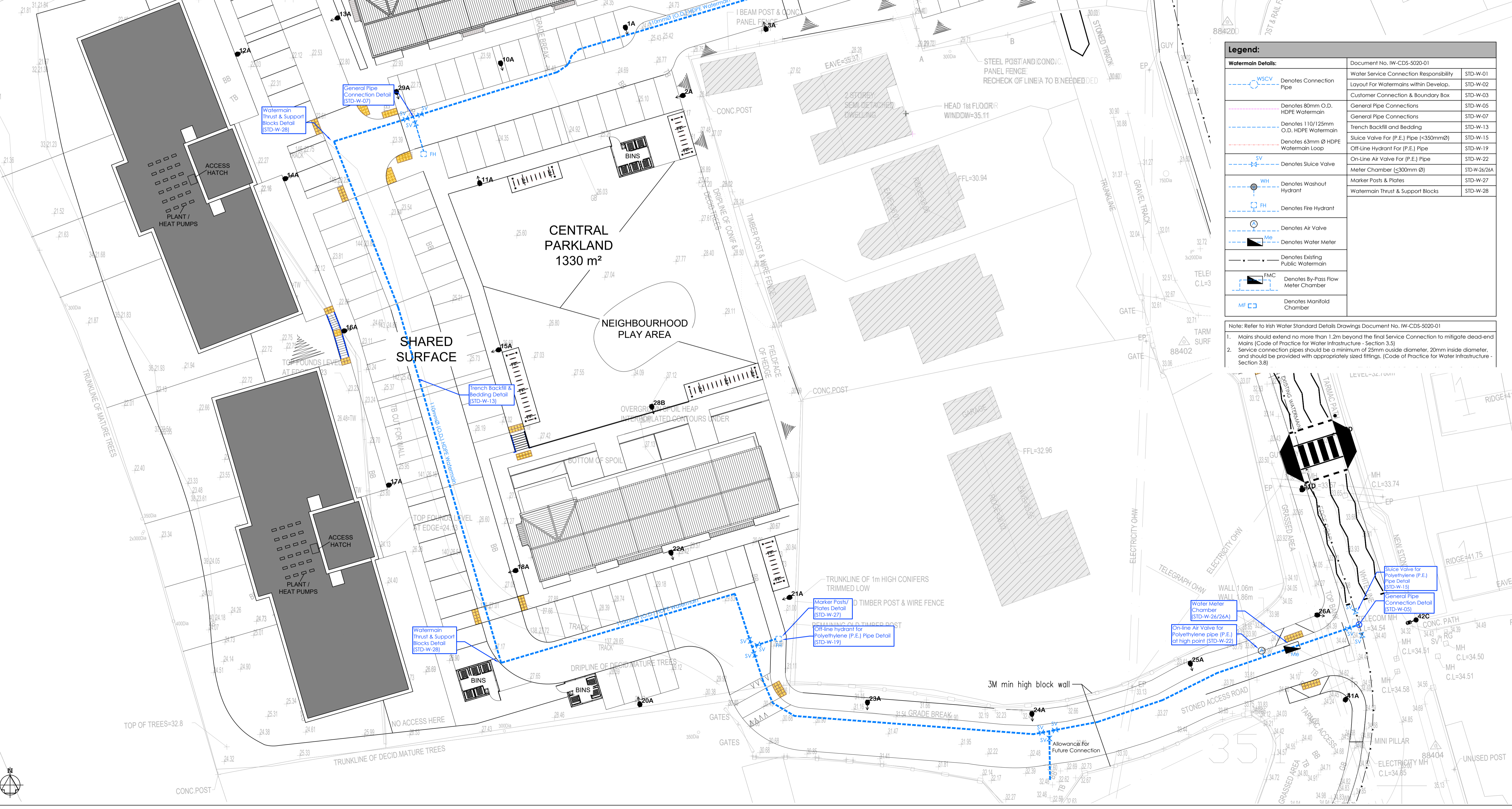
DRAWING TITLE
Proposed Watermain Layout

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:	Document No. IW-CDS-5020-01	Water Service Connection Responsibility	STD-W-01
Denotes Connection Pipe	Water Service Connection Responsibility	Layout For Watermains within Develop.	STD-W-02
Denotes 80mm O.D. HDPE Watermain	Customer Connection & Boundary Box	General Pipe Connections	STD-W-03
Denotes 110/125mm O.D. HDPE Watermain	General Pipe Connections	General Pipe Connections	STD-W-05
Denotes 63mm Ø HDPE Watermain Loop	Trench Backfill and Bedding	Trench Backfill and Bedding	STD-W-13
Denotes Sluice Valve	Sluice Valve For (P.E.) Pipe (<350mmØ)	Sluice Valve For (P.E.) Pipe (<350mmØ)	STD-W-15
Denotes Washout Hydrant	Off-Line Hydrant For (P.E.) Pipe	Off-Line Hydrant For (P.E.) Pipe	STD-W-19
Denotes Fire Hydrant	On-Line Air Valve For (P.E.) Pipe	On-Line Air Valve For (P.E.) Pipe	STD-W-22
Denotes Air Valve	Meter Chamber (<300mm Ø)	Meter Chamber (<300mm Ø)	STD-W-26/26A
Denotes Water Meter	Marker Posts & Plates	Marker Posts & Plates	STD-W-27
Denotes Existing Public Watermain	Watermain Thrust & Support Blocks	Watermain Thrust & Support Blocks	STD-W-28
Denotes By-Pass Flow Meter Chamber			
Denotes Manifold Chamber			

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

- 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)
- 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)