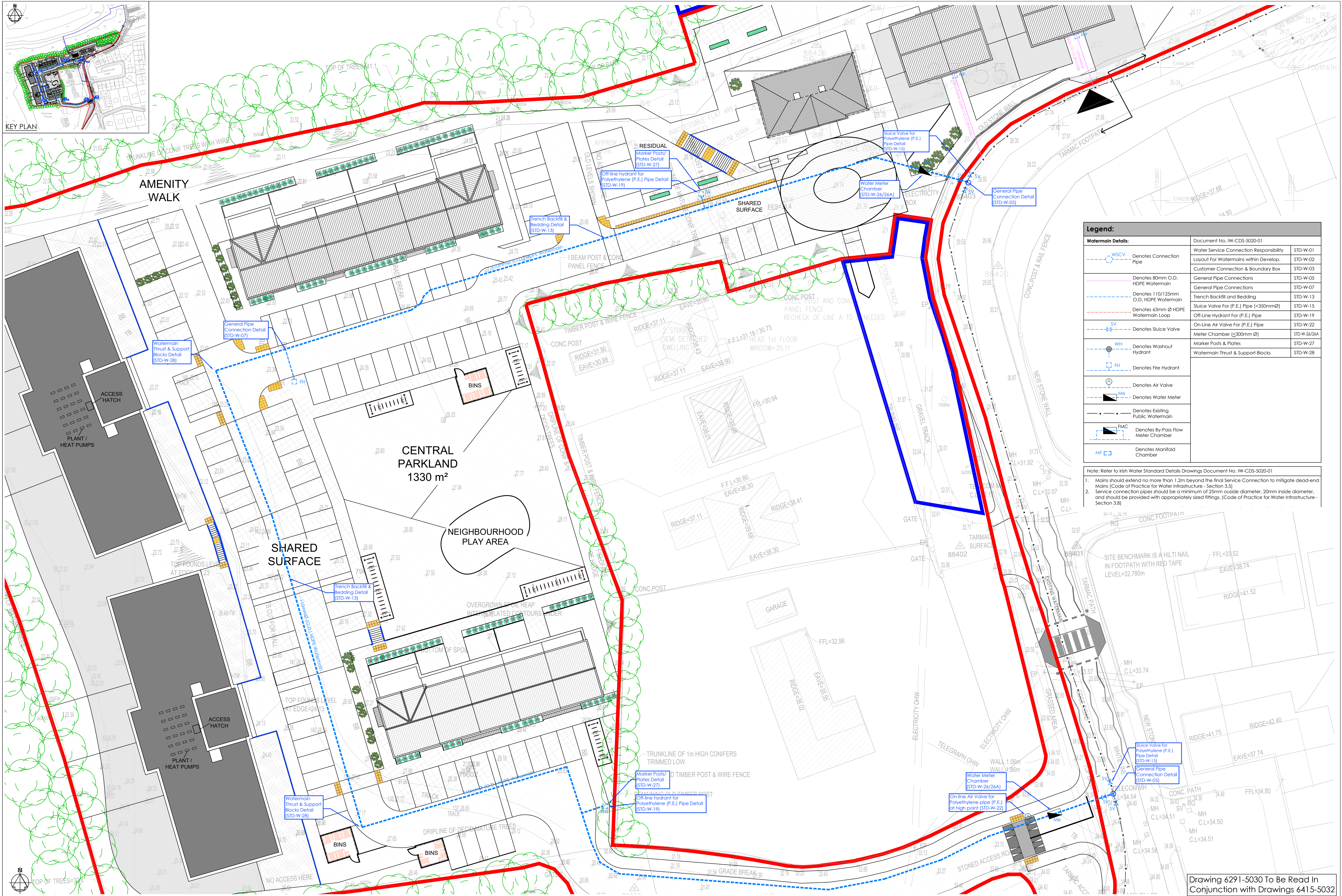




Legend:		
Watermain Details:		
	Denotes Connection Pipe	Document No. IW-CDS-5020-01
	Denotes 80mm O.D. HDPE Watermain	Water Service Connection Responsibility STD-W-01
	Denotes 110/125mm O.D. HDPE Watermain	Layout For Watermain within Develop. STD-W-02
	Denotes 63mm Ø HDPE Watermain Loop	Customer Connection & Boundary Box STD-W-03
	Denotes Sludge Valve	General Pipe Connections STD-W-05
	Denotes Washout Hydrant	General Pipe Connections STD-W-07
	Denotes Fire Hydrant	Trench Backfill and Bedding STD-W-13
	Denotes Air Valve	Sludge Valve For (P.E.) Pipe (<350mmØ) STD-W-15
	Denotes Water Meter	Off-Line Hydrant For (P.E.) Pipe STD-W-19
	Denotes By-Pass Flow Meter Chamber	On-Line Air Valve For (P.E.) Pipe STD-W-22
	Denotes Manifold Chamber	Meter Chamber (<300mm Ø) STD-W-26/26A
		Marker Posts & Plates STD-W-27
		Watermain Thrust & Support Blocks Detail 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 outside diameter, 20mm inside diameter, and should be provided with appropriately sized fittings. (Code of Practice for Water Infrastructure - Section 3.8)