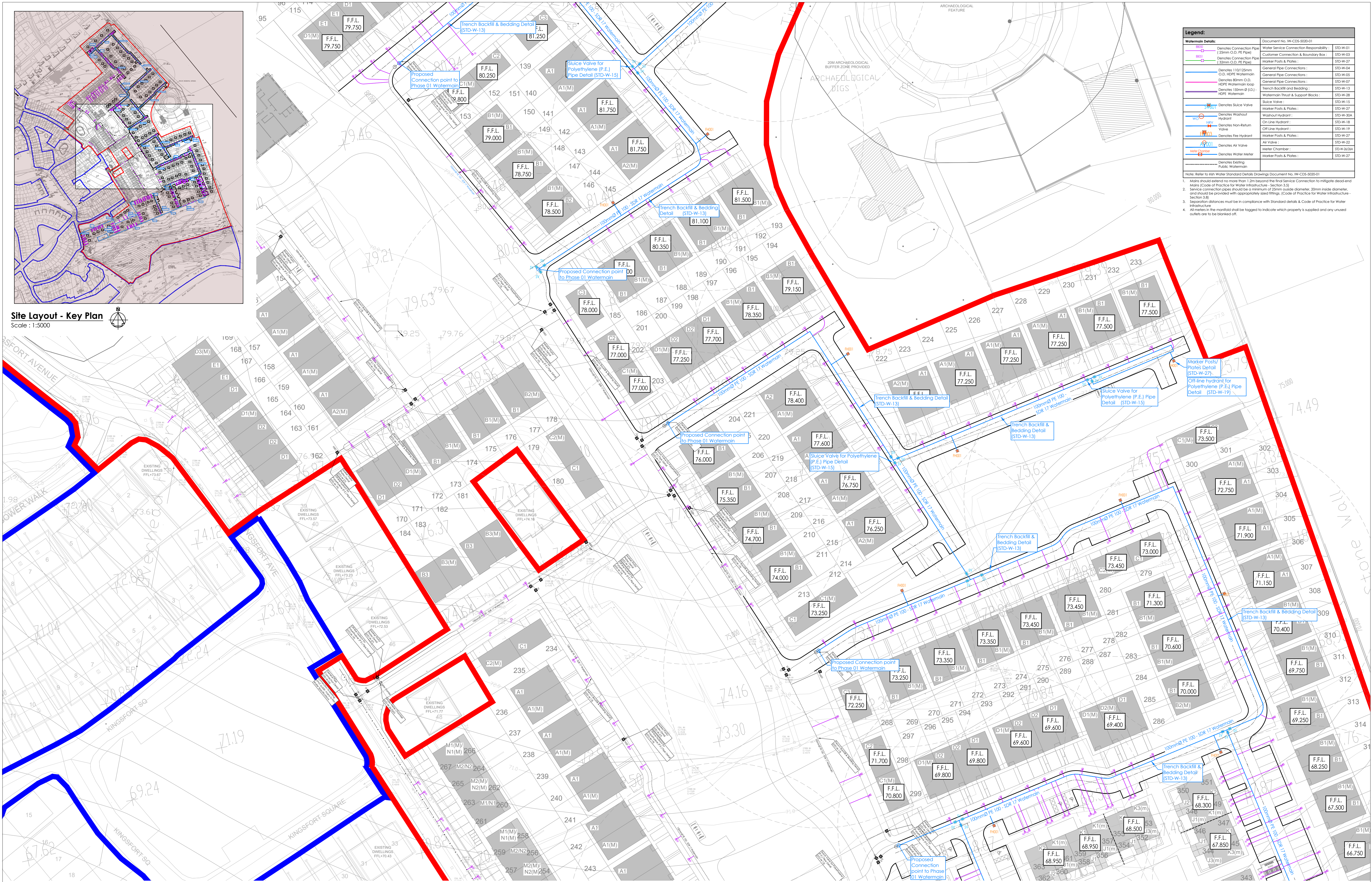




Legend:		
Watermain Details:		
	Denotes Connection Pipe (25mm O.D. PE Pipe)	Document No. IW-CDS-0020-01
	Denotes Connection Pipe (32mm O.D. PE Pipe)	Water Service Connection Responsibility : STD-W-01
	Denotes 100mm PE 100 SDR 17 Watermain	Customer Connection & Boundary Box : STD-W-27
	Denotes 100mm PE 100 SDR 17 Watermain	Marker Posts & Plates : STD-W-27
	Denotes 100mm PE 100 SDR 17 Watermain	General Pipe Connections : STD-W-04
	Denotes 100mm PE 100 SDR 17 Watermain	General Pipe Connections : STD-W-05
	Denotes 100mm PE 100 SDR 17 Watermain	General Pipe Connections : STD-W-07
	Denotes 100mm PE 100 SDR 17 Watermain	Trench Backfill & Bedding : STD-W-13
	Denotes 100mm PE 100 SDR 17 Watermain	Watermain Thrust & Support Blocks : STD-W-28
	Denotes 100mm PE 100 SDR 17 Watermain	Sluice Valve : STD-W-15
	Denotes 100mm PE 100 SDR 17 Watermain	Marker Posts & Plates : STD-W-27
	Denotes 100mm PE 100 SDR 17 Watermain	Washout Hydrant : STD-W-30A
	Denotes 100mm PE 100 SDR 17 Watermain	On Line Hydrant : STD-W-18
	Denotes 100mm PE 100 SDR 17 Watermain	Off Line Hydrant : STD-W-19
	Denotes 100mm PE 100 SDR 17 Watermain	Marker Posts & Plates : STD-W-27
	Denotes 100mm PE 100 SDR 17 Watermain	Air Valve : STD-W-22
	Denotes 100mm PE 100 SDR 17 Watermain	Water Chamber : STD-W-36/36A
	Denotes 100mm PE 100 SDR 17 Watermain	Marker Posts & Plates : STD-W-27
	Denotes 100mm PE 100 SDR 17 Watermain	

- Note: Refer to Irish Water Standard Details Drawings Document No. IW-CDS-0020-01
1. Mains should extend no more than 1.2m beyond the final service connection to mitigate dead-end and mains (Code of Practice for Water Infrastructure - Section 3.5)
 2. Service connection pipes should be a minimum of 25mm inside diameter, 20mm outside 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 manhole shall be tagged to indicate which property is supplied and any unused outlets are to be blanked off.

Site Layout - Key Plan
Scale : 1:5000

Proposed Watermain Layout 3 of 3
Scale : 1:500



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REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS
E	K.M.	S.O'G	S.O'G	16.10.24	Revised & Issued for LRD Application

CLIENT	Reside (Castlepark) Ltd.
PROJECT	Castlepark, Mallow, Co. Cork

DRAWING TITLE	Proposed Watermain Layout 2 of 3
SHEET	A1
SCALE	1:500
PROJECT NO.	6621
DRAWING NO.	2031
STATUS/ISSUE	E