



Legend:		
<b>Watermain Details:</b>	Document No. IW-CDS-5020-01	
Denotes Connection Pipe	Water Service Connection Responsibility	STD-W-01
Denotes 80mm O.D. HDPE Watermain	Layout For Watermains within Develop.	STD-W-02
Denotes 110/125mm O.D. HDPE Watermain	Customer Connection & Boundary Box	STD-W-03
Denotes 43mm Ø HDPE Watermain Loop	General Pipe Connections	STD-W-05
Denotes Sluice Valve	General Pipe Connections	STD-W-07
Denotes Scour Chamber Valve	Trench Backfill and Bedding	STD-W-13
Denotes Fire Hydrant	Sluice Valve For (P.E.) Pipe (<350mmØ)	STD-W-15
Denotes Air Valve	Off-Line Hydrant For (P.E.) Pipe	STD-W-19
Denotes Water Meter	On-Line Air Valve For (P.E.) Pipe	STD-W-22
Denotes By Pass Flow Meter Chamber	Meter Chamber (<300mm Ø)	STD-W-26/26A
Denotes Scour Chamber	Marker Posts & Plates	STD-W-27
	Watermain Thrust & Support Blocks	STD-W-28
	Washout Hydrant	STD-W-30A
	Scour Chamber To Storm Sewer	STD-W-30B

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

Drawing 6415-5031 To Be Read In Conjunction with Drawing 6415-5030

REV.	DATE	DETAILS			
B	E.C.	B.O.S.	C.O.S.	29.06.22	Issued For Part 8 Planning
A	E.C.	B.O.S.	C.O.S.	20.06.22	Issued For Part 8 Feedback

CLIENT	Scairt Hill, Douglas, Cork
PROJECT	Scairt Hill, Douglas, Cork

DRAWING TITLE		Proposed Watermain Layout	
SHEET	A1	SCALE	1:500
PROJECT NO.	6415	DRAWING NO.	5031
STATUS/ISSUE	B		