



Legend:		
Watermain Details:		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 For (P.E.) Pipe (<350mmØ)	General Pipe Connections	STD-W-07
Denotes Off-Line Hydrant For (P.E.) Pipe	Trench Backfill and Bedding	STD-W-13
Denotes On-Line Air Valve For (P.E.) Pipe	Sluice Valve For (P.E.) Pipe (<350mmØ)	STD-W-15
Denotes Scour Chamber Valve	Off-Line Hydrant For (P.E.) Pipe	STD-W-19
Denotes Fire Hydrant	On-Line Air Valve For (P.E.) Pipe	STD-W-22
Denotes Air Valve	Meter Chamber (<300mm Ø)	STD-W-26/26A
Denotes Water Meter	Marker Posts & Plates	STD-W-27
Denotes Existing Public Watermain	Watermain Thrust & Support Blocks	STD-W-28
Denotes By Pass Flow Meter Chamber	Washout Hydrant	STD-W-30A
Denotes Scour Chamber	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 6415-5030 To Be Read In Conjunction with Drawing 6415-5031

REV.	DATE	BY	CHKD	APPV'D	DETAILS
E	29.06.22	E.C.	B.O.S.	C.O.S.	Issued For Part 8 Planning
D	20.06.22	E.C.	B.O.S.	C.O.S.	Issued For Part 8 Feedback

CLIENT	Scarrill Hill, Douglas, Cork
PROJECT	Proposed Watermain Layout

DRAWING TITLE	Proposed Watermain Layout
SHEET	A1
SCALE	1:250
PROJECT NO.	6415
DRAWING NO.	5030
STATUS/ISSUE	E