



Legend:	
<b>Watermain Details:</b>	Document No. IW-CD5-5020-01
Denotes Connection Pipe	Water Service Connection Responsibility: STD-W-01
Denotes 90mmmm O.D. HDPE Watermain	Customer Connection & Boundary Box: STD-W-03
Denotes 110/125mm O.D. HDPE Watermain	Marker Posts & Plates: STD-W-27
Denotes 63mm Ø HDPE Watermain Loop	General Pipe Connections: STD-W-04
Denotes Sluice 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	Watermain Thrust & Support Blocks: STD-W-28
Denotes Water Meter	Sluice Valve: STD-W-15
Denotes By-Pass Flow Meter Chamber	Marker Posts & Plates: STD-W-27
Denotes Existing Public Watermain	Washout Hydrant: STD-W-30A
	On Line Hydrant: STD-W-18
	Off Line Hydrant: STD-W-19
	Marker Posts & Plates: STD-W-27
	Air Valve: STD-W-22
	Meter Chamber: STD-W-26/26A
	Marker Posts & Plates: STD-W-27

- Note: Refer to Irish Water Standard Details Drawings Document No. IW-CD5-5020-01
- 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

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REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS
D	T.A.	S.O.D.	C.O.S.	16.06.22	Issued For Information
C	T.A.	S.O.D.	C.O.S.	09.06.22	Issued For Information
B	S.M.	S.O.D.	C.O.S.	19.01.22	Issued For ITCD Cork City Council
A	E.C.	B.O.S.	C.O.S.	12.08.21	Issued For ITPD Cork City Council

CLIENT	Lehenaghmore, Cork.
PROJECT	Lehenaghmore, Cork.

DRAWING TITLE			
Proposed Watermain Layout			
SHEET	SCALE	PROJECT NO.	DRAWING NO.
A1	1:250	6159	5030
STATUS/ISSUE		D	