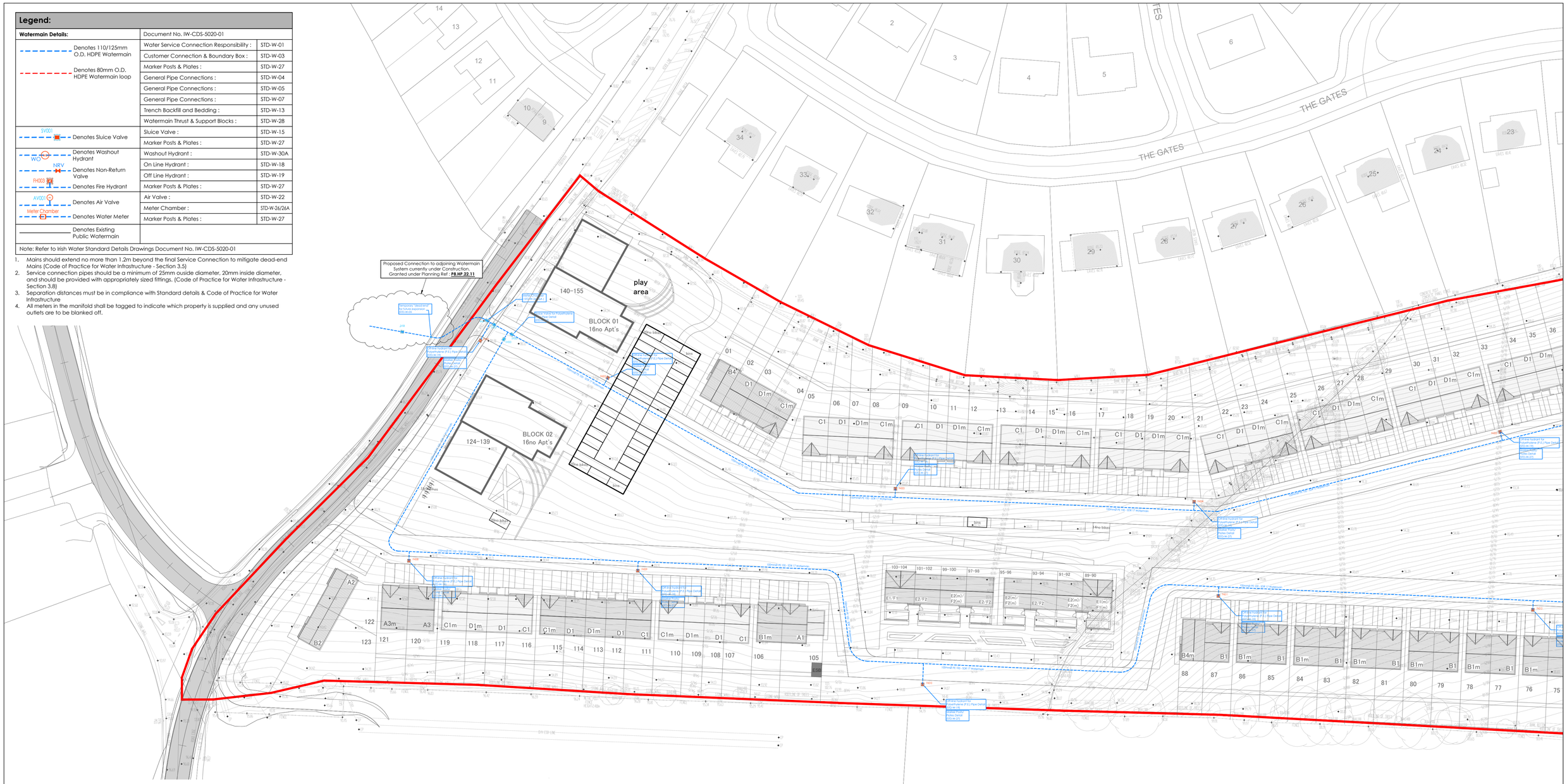
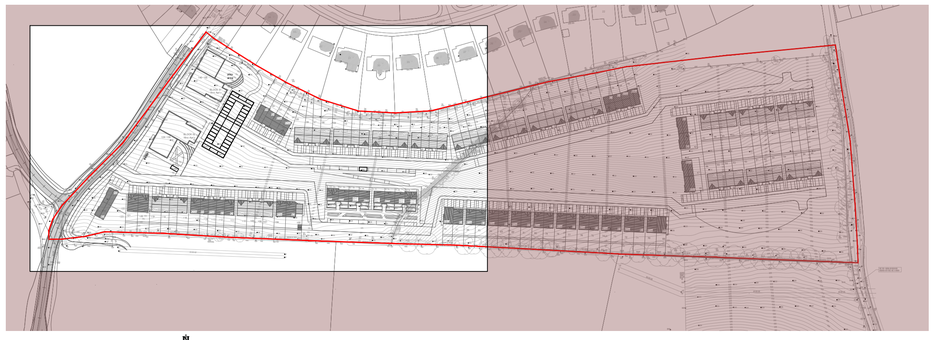
## Legend:

| Watermain Details: | Document No. IW-CDS-5020-01 | |
|---|---|---|
| Denotes 110/125mm O.D. HDPE Watermain | Water Service Connection Responsibility : | STD-W-01 |
| | Customer Connection & Boundary Box : | STD-W-03 |
| Denotes 80mm O.D. HDPE Watermain loop | Marker Posts & Plates : | STD-W-27 |
| | General Pipe Connections : | STD-W-04 |
| | General Pipe Connections : | STD-W-05 |
| | General Pipe Connections : | STD-W-07 |
| | Trench Backfill and Bedding : | STD-W-13 |
| | Watermain Thrust & Support Blocks : | STD-W-28 |
| SV001 Denotes Sluice Valve | Sluice Valve : | STD-W-15 |
| | Marker Posts & Plates : | STD-W-27 |
| WO Denotes Washout Hydrant | Washout Hydrant : | STD-W-30A |
| NRV Denotes Non-Return Valve | On Line Hydrant : | STD-W-18 |
| FH003 Denotes Fire Hydrant | Off Line Hydrant : | STD-W-19 |
| | Marker Posts & Plates : | STD-W-27 |
| AV001 Denotes Air Valve | Air Valve : | STD-W-22 |
| Meter Chamber Denotes Water Meter | Meter Chamber : | STD-W-26/26A |
| | Marker Posts & Plates : | STD-W-27 |
| Denotes Existing Public Watermain | | |
| 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 ouside diameter, 20mm inside 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 manifold shall be tagged to indicate which property is supplied and any unused outlets are to be blanked off.




**Proposed Watermain Layout 1 of 2**
Scale : 1:500



**Site Layout - Key Plan**
Scale : 1:2000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| REV. | DRAWN | CHKD | APPRVD | DATE | DETAILS |
|---|---|---|---|---|---|
| C | G.S. | S.O'D. | S.O'D. | 17.06.25 | Revised & Reissued for Part 8 Planning |
| B | A.G. | S.O'D. | S.O'D. | 10.04.'25 | Revised & Reissued for Cork City Council |
| A | G.S. | C.O'S | C.O'S | 27.06.24 | Issued for ITCD Cork City Council |

CLIENT: OBR Construction

DRAWING TITLE: Proposed Watermain Layout 1 of 2

PROJECT: Residential Development, Matthew Hill, Lehenaghmore, Cork

SHEET: A1

SCALE: 1:500

PROJECT NO. 6476 _ DRAWING NO. 0030 _ STATUS/ISSUE C