

**PROPOSED WATERMAIN LAYOUT PLAN**  
SCALE 1:250

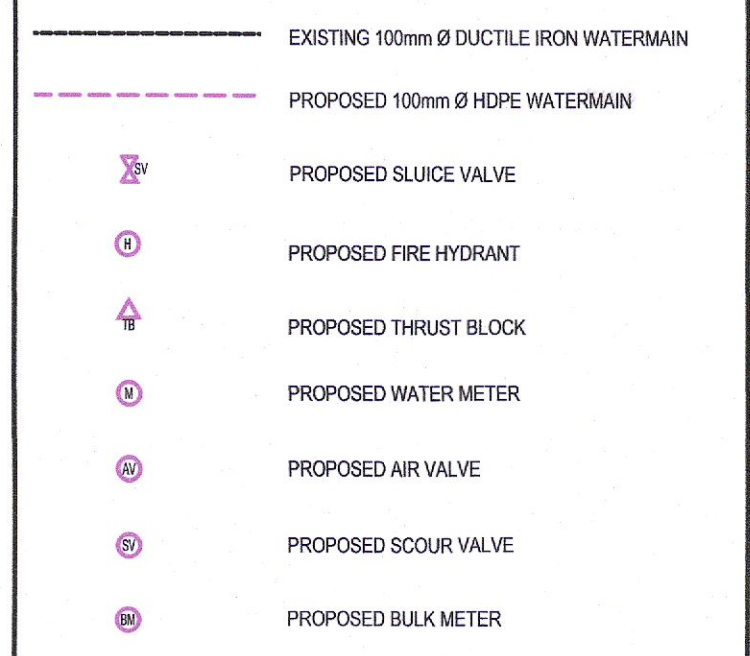
PIPE COVER CHART: WITHOUT CONCRETE ENCASEMENT		
LOCATION:	MIN COVER:	
SEWERS IN ROAD		1200
SEWERS IN OPEN SPACES		900
NOT ADJACENT TO ROADS		900
SEWERS IN GARDENS		600
WATERMANS ALL LOCATIONS		900
WATER SERVICES ALL LOCATIONS		600
ELECTRIC CABLE DUCTS IN ROADWAY		900
ELECTRIC CABLE DUCTS IN FOOTPATHS		500
NATURAL GAS MAINS IN ROADWAYS		800
NATURAL GAS MAINS IN FOOTPATHS		750
TELECOM DUCTS IN ROADWAYS		750
TELECOM DUCTS IN FOOTPATHS		350
CABLE TV DUCTS IN ROADS & FOOTPATHS		450

ALL WATERSUPPLY DETAILS ARE TO COMPLY WITH AND BE ADOPTED FROM THE IRISH WATER - CONNECTION AND DEVELOPER SERVICES DOCUMENT FOR WATER INFRASTRUCTURE STANDARD DETAILS. REF TO IRISH WATER DOCUMENT No IW-CDS-5020-01. CONTRACTOR IS ALSO TO REFER TO THE CODE OF PRACTICE FOR WATER INFRASTRUCTURE DOCUMENT, CONNECTIONS AND DEVELOPER SERVICES. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SELF LAY DEVELOPMENTS DOCUMENT IW-CDS-5020-03

EXISTING WATER SUPPLY TO EXISTING STRUCTURE TO BE RETAINED AND PROTECTED DURING CONSTRUCTION.

- 1) COPYRIGHT AND OWNERSHIP OF THIS DRAWING IS VESTED IN HORGANLYNCH, WHOSE PRIOR WRITTEN CONSENT IS REQUIRED FOR ITS USE, REPRODUCTION OR FOR PUBLICATION.
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- 3) ALL DIMENSIONS TO BE CHECKED ON SITE AND ANY DISCREPANCY TO BE REPORTED TO THE ARCHITECT / ENGINEER. FIGURED DIMENSIONS ONLY TO BE USED, DRAWINGS NOT TO BE SCALED. ALL LEVELS ARE STRUCTURAL UNLESS OTHERWISE NOTED.
- 4) THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL HL DRAWINGS AND SPECIFICATIONS

- 1) WATERMAIN TO BE 1000 FOR MAIN CIRCULATION ROUTE. BRANCH MAINS TO PHASED DEVELOPMENTS TO BE 1000 ALL BRANCH CONNECTIONS TO APARTMENT BLOCKS TO BE 63mmØ UNLESS NOTED OTHERWISE ALL WATERMAIN LINES TO BE CLASS C 10 BAR PRESSURE. WATERMAIN TO BE LAID A MINIMUM OF 3m FROM PROPOSED STRUCTURE
- 2) EACH PREMISE SHALL HAVE:
  - AN INDIVIDUAL WATER SUPPLY, TAKEN FROM A MANIFOLD BOX.
  - THE MANIFOLD BOX SHALL BE LOCATED ON THE FOOTPATH OUTSIDE THE BUILDING AS CLOSE TO PROPERTY BOUNDARY AS POSSIBLE.
  - INDIVIDUAL WATER METERS ARE REQUIRED FOR EACH INDIVIDUAL PREMISE.
- 3) THE DEVELOPER SHALL MAKE PROVISION FOR ANY REDUNDANT EXISTING WATER SERVICES CONNECTIONS. ALL REDUNDANT EXISTING WATER SERVICES CONNECTIONS SHALL BE TRACED BACK TO THE PUBLIC MAIN BY THE DEVELOPER OR IRISH WATER THROUGH THE CONNECTION AGREEMENT AND SHALL BE BLANKED OFF AT THE DEVELOPERS EXPENSE.
- 4) ALL FIRE HYDRANTS WILL BE ACCESSIBLE IN AN EMERGENCY, REFER TO SECTION 3.5 OF WATER CODE OF PRACTICE.
- 5) ALL PLANTING OF NEW TREES/SHRUBS ADJACENT TO THE WATERMAIN SHALL COMPLY WITH IRISH WATER STANDARD DETAIL STD-W-12A.
- 6) THRUST BLOCKS TO BE PROVIDED ON WATERMANS AT DEAD ENDS, TEES, BENDS & AT BOTH SIDES OF A SLUICE VALVE CHAMBER. ALL DETAILS TO CONFORM WITH IRISH WATER STANDARD DETAILS DOCUMENT No IW-CDS-5020, ALL INCLUDED WITH THE SPECIFICATIONS DOCUMENTS.



REV	BY	KOD	DATE	DESCRIPTION
0	KL	NF	07/10/22	ISSUED FOR INFORMATION
1	KL	NF	19.10.22	ISSUED FOR PLANNING

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**PROJECT**  
**RESIDENTIAL DEVELOPMENT AT SCHOLARSTOWN DUBLIN**

**DRG. TITLE**  
**PROPOSED WATERSUPPLY LAYOUT**

SCALE AS SHOWN (@ A1)	DRAWN BY KL	CHECKED BY KC	APPROVED BY KC
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