



PIPE COVER CHART WITHOUT CONCRETE ENCASEMENT	
LOCATION:	MIN. COVER.
SEWERS IN ROAD	1200
SEWERS IN OPEN SPACES	-
NOT ADJACENT TO ROADS	900
SEWERS IN GARDENS	900
WATERMANS ALL LOCATIONS	900
WATER SERVICES ALL LOCATIONS	600
ELECTRICAL CABLE DUCTS IN ROADWAYS	900
ELECTRICAL CABLE DUCTS IN FOOTPATHS	500
NATURAL GAS MAINS IN ROADWAYS	800
NATURAL GAS MAINS IN FOOTPATHS	600
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.
- 2) THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICES ENGINEERS AND HORGANLYNCH DRAWINGS, DETAILS AND SPECIFICATIONS.
- 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 IS 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 SLICE VALVE CHAMBER. ALL DETAILS TO CONFORM WITH IRISH WATER STANDARD DETAILS DOCUMENT No IW-CDS-5020. ALL INCLUDED WITH THE SPECIFICATIONS DOCUMENTS.

- EXISTING 100mm Ø DUCTILE IRON WATERMAIN
- - - - - PROPOSED 100mm Ø HDPE WATERMAIN
- ⊕ PROPOSED SLICE VALVE
- ⊙ PROPOSED FIRE HYDRANT
- ⊕ PROPOSED THRUST BLOCK
- ⊙ PROPOSED WATER METER
- ⊙ PROPOSED AIR VALVE
- ⊙ PROPOSED SCOUR VALVE
- ⊙ PROPOSED BULK METER

REV	BY	CHKD.	DATE	DESCRIPTION
0	KL	NF	07/10/22	ISSUED FOR INFORMATION
1	KL	NF	19.10.22	ISSUED FOR PLANNING
2	KL	NF	11.04.22	RESPONSE TO PLANNING RFI

L:\CL\1201-WP\CAD\CL12-V1-XXX-DR-HLCE-CE-0003.dwg 11/4/2023 12:26 - A1

PROJECT  
**RESIDENTIAL DEVELOPMENT AT SCHOLARSTOWN DUBLIN**

DRG. TITLE  
**PROPOSED WATERSUPPLY LAYOUT**

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

**Horganlynch**  
 Consulting Engineers  
 Tellengana, Blackrock Road, Cork.  
 t: +353 21 4936100  
 e: cork@horganlynch.ie  
 www.horganlynch.ie

DWG: CL12-V1-XXX-DR-HLCE-CE-0003		
HL PROJECT REF. CL12	STATUS P3	REVISION 2

PROPOSED WATERMAIN LAYOUT PLAN  
 SCALE 1:250