

- 1) WATERMAIN TO BE 1500 FOR MAIN CIRCULATION ROUTE. BRANCH MAINS TO BE 1000  
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.
- 7) LOCATION OF ALL WATERMANS ARE INDICATIVE / REPRESENTATIVE ONLY. EXACT SET OUT OF WATERMAIN TO BE LOCATED ON SITE IN ACCORDANCE WITH IRISH WATER DETAILS.
- 8) MINIMUM SEPERATION OF ALL SERVICES ON SITE TO BE AS PER IRISH WATER DETAIL STD-W-11  
MINIMUM SEPERATION DISTANCES AS FOLLOWS  

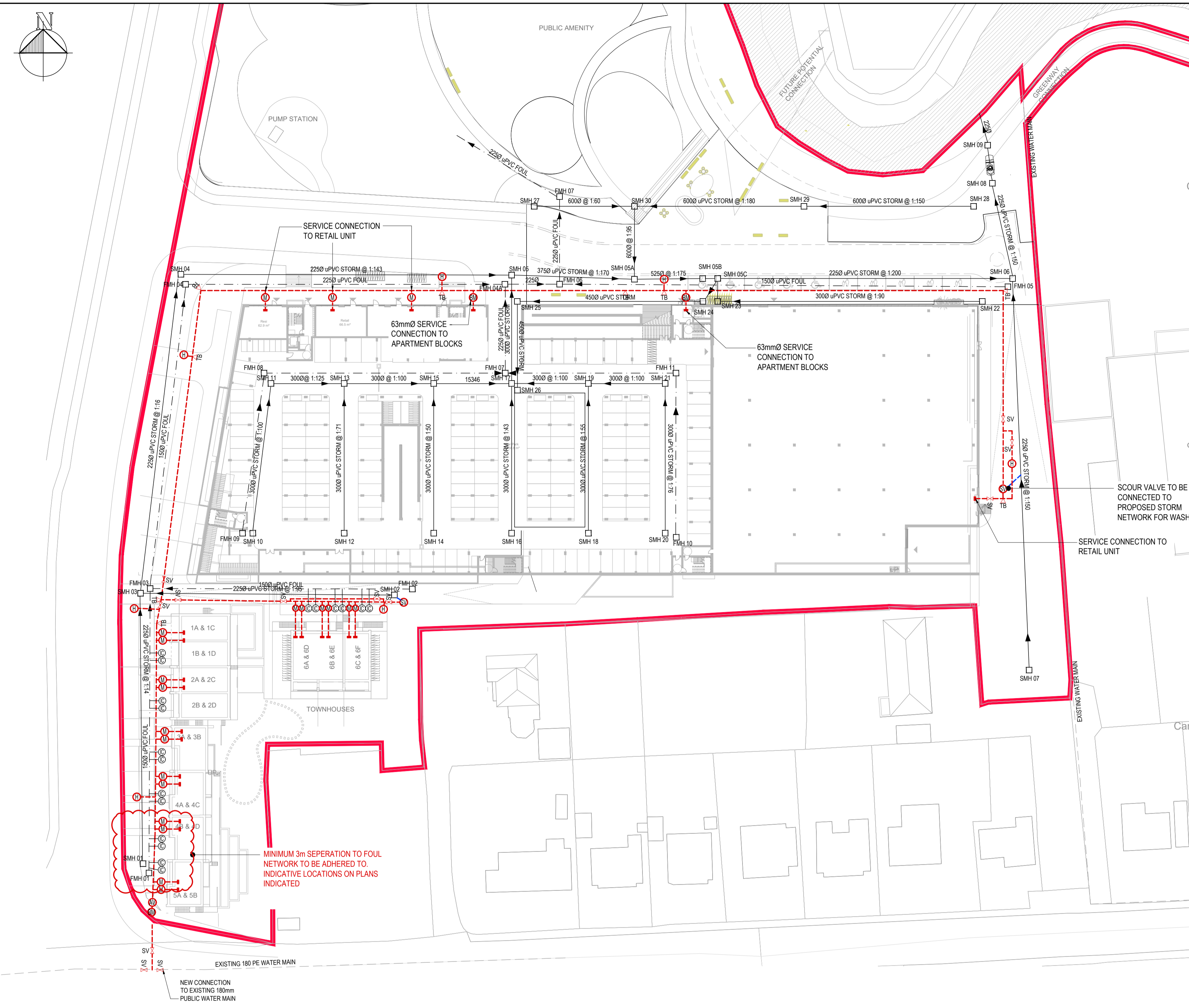
| HORIZONTAL  |     |
|---|-----|
| 300mm TO DISTRIBUTION MAINS OF LESS THAN 300mm DIAMETER     | 500 |
| 500mm TO TRUNK MAINS BETWEEN 300mm AND 450mm DIAMETER       | 800 |
| 3m TO TRUNK / ARTERIAL MAINS OF GREATER THAN 450mm DIAMETER | 600 |
| TELECOM DUCTS IN ROADWAYS                                   | 750 |
| TELECOM DUCTS IN FOOTPATHS                                  | 350 |
| CABLE TV DUCTS IN ROADS & FOOTPATHS                         | 450 |

| VERTICAL  |  |
|---|--|
| 300mm TO DISTRIBUTION MAINS OF LESS THAN 300mm DIAMETER | 500mm TO TRUNK / ARTERIAL MAINS OF DIAMETER GREATER THAN 300mm |
- 9) MINIMUM OF 1M SEPERATION TO ALL WATERMANS FROM PROPERTY BOUNDARIES

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

| 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                             | 600       |
| WATERMANS ALL LOCATIONS                       | 900       |
| WATER SERVICES ALL LOCATIONS                  | 600       |
| ELECTESS CABLE DUCTS IN ROADWAY               | 900       |
| ELECTESS 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       |



PROPOSED WATER SUPPLY PLAN  
SCALE 1:500

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| REV | BY | CHK | DATE       | DESCRIPTION  |
|-----|----|-----|------------|--|
| 0   | SC | KC  | 08.07.21   | ISSUED FOR IW PRE-CONNECTION ENQUIRY                       |
| 1   | SC | KC  | 16.07.21   | ISSUED FOR PRE-PLANNING                                    |
| 2   | SC | KC  | 06.10.21   | ISSUED FOR PRE-APPLICATION                                 |
| 3   | KL | KC  | 27.04.22   | ISSUED FOR IRISH WATER STATEMENT OF DESIGN ACCEPTANCE      |
| 4   | KL | KC  | 28.04.22   | IRISH WATER COMMENTS INCORPORATED                          |
| 5   | KL | KC  | 28.04.22   | LOOP REVISED - REISSUED FOR STATEMENT OF DESIGN ACCEPTANCE |
| 6   | KL | KC  | 05.05.2022 | ISSUED FOR PLANNING APPLICATION                            |

|                        |          |            |             |
|------------------------|----------|------------|-------------|
| PROJECT                |          |            |             |
| CARRAIGALINE SHD, CORK |          |            |             |
| DRG. TITLE             |          |            |             |
| SITE SERVICES          |          |            |             |
| WATERMAIN LAYOUT       |          |            |             |
| SCALE                  | DRAWN BY | CHECKED BY | APPROVED BY |
| AS SHOWN (@ A1)        | SC       | KC         | KC          |

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

DRAWING: LY05-V1-XXX-DR-HLCE-CE-0003

|                 |        |          |
|-----------------|--------|----------|
| HL PROJECT REF. | STATUS | REVISION |
| LY05            | P1     | 6        |