












- 1.) WATERMAIN TO BE 1000 FOR MAIN CIRCULATION ROUTE. BRANCH MAINS TO PHASED DEVELOPMENTS TO BE 1000 ALL SERVICE CONNECTIONS TO INDIVIDUAL UNITS TO BE 32mmØ 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 WATERMAINS AT DEAD ENDS, TEES, BENDS & AT BOTH SIDES OF A SLUICE VALVE CHAMBER. ALL DETAILS TO CONFORM WITH IRISH WATER STANDARD DETAILS DOCUMENT NO W-10-CDS-5020. ALL INCLUDED WITH THE SPECIFICATIONS DOCUMENTS.
- 7.) ALL WATERMAIN PIPE LOCATIONS ARE INDICATIVE ONLY. ALL SEPARATION DISTANCES FOR PIPEWORK LOCATIONS ARE TO BE AS PER IW STANDARD DETAIL STD-W-11, 12 AND 12A.

NOTE A MINIMUM SEPARATION DISTANCE IN RELATION TO BUILDING FOUNDATIONS OF 3M APPLIES IN ALL CIRCUMSTANCES. PIPEWORK WILL BE CONCRETE ENCASED AND PROTECTED IN ALL LOCATIONS WHICH THIS SEPARATION DISTANCE CANNOT BE ACHIEVED.


ALL WATER-SUPPLY DETAILS & LAYOUT 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 AND CODE OF PRACTICE DOCUMENT IW-CDS-5020

NOTE : ALL TREES LOCATED LOCATED IN CLOSE PROXIMITY TO THE LINE OF THE WATERMAIN ARE TO HAVE ROOT BARRIER PROTECTION TO MITIGATE AGAINST ROOT INTERUSION. SEPARATION DISTANCES VARY DEPENDANT ON SPECIES. REFER TO IRISH WATER DOCUMENT NO IW-CDS-5020 AND CODE OF PRACTICE DOCUMENT IW-CDS-5020 FOR DETAILS

**LEGEND**

	SITE BOUNDARY
	NEW BULK METER
AV 	NEW AIR VALVE
SV 	NEW SLUICE VALVE
FH 	NEW HYDRANT
TB 	NEW THRUST BLOCK
 , 	EXISTING FIREMAIN
	NEW FIREMAIN

PROJECT			
RESIDENTIAL DEVELOPMENT AT COONEYS LANE, GRANGE CORK			
DRG. TITLE			
PROPOSED WATERSUPPLY LAYOUT			
SCALE	DRAWN BY	CHECKED BY	APPROVED BY
AS SHOWN (@ A1)	KL	NF	NF



# Horganlynch

Consulting Engineers

Tellengana, Blackrock Road Cork.

t: +353 21 4936100

e: cork@horganlynch.ie

www.horganlynch.ie

DWG: <b>KC13-V1-XXX-DR-HLCE-CE-0003</b>		
HL PROJECT REF. <b>KC13</b>	STATUS <b>P3</b>	REVISION <b>2</b>