



1. ALL DIMENSIONS IN METRES (M) UNLESS NOTED OTHERWISE.
2. DO NOT SCALE FROM THIS DRAWING, USE FIGURED DIMENSIONS ONLY.
3. ALL HYDRANTS ARE TO BE BOXED TO BS 6.750 AND THE TOP OF ANY HYDRANT IS TO BE NOT MORE THAN 200mm ABOVE COVER LEVEL.
4. ALL HYDRANTS AND BOXES TO BE MARKED IN ACCORDANCE WITH BS 3251 (ALL COVERS SHALL BE PAINTED YELLOW WITH ROAD MARKING PAINT AND WITH A UNIQUE IDENTIFICATION NUMBER ON THE UNDERSIDE).
5. ALL AIR VALVE AND HYDRANT COVERS LOCATED IN GRASSED AREAS TO BE SURREOUNDED BY A CONCRETE PLINTH, 200mm ALL AROUND AND 100mm DEEP FORMED IN C20/25 CONCRETE. PLINTH SIZE AND BEDDED IN CLAUSE 804 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCEMENT AND HAVE A BULL-NOSSE FINISH ALL AROUND ITS EXTERNAL PERIMETER.

EXISTING WATERMAIN

PROPOSED WATERMAIN
(225 OD PE100 SDR11 PIPE)
MATERIALS MUST BE IN ACCORDANCE
WITH IRISH WATER STANDARDS

PROPOSED WATERMAIN
(180 OD PE100 SDR11 PIPE)
MATERIALS MUST BE IN ACCORDANCE
WITH IRISH WATER STANDARDS

PROPOSED WATERMAIN
(140 OD PE100 SDR11 PIPE)
MATERIALS MUST BE IN ACCORDANCE
WITH IRISH WATER STANDARDS

**WATER SERVICE CONNECTION AND
BOUNDARY BOX TO IRISH WATER**
DETAIL STD-W-26G. SERVICE PIPES TO
BE DN25

**WATER SERVICE CONNECTION AND
BOUNDARY BOX TO IRISH WATER**
DETAIL STD-W-26G. SERVICE PIPE TO
BE DN32 FOR LENGTHS OVER 15m &
UNDER 30m

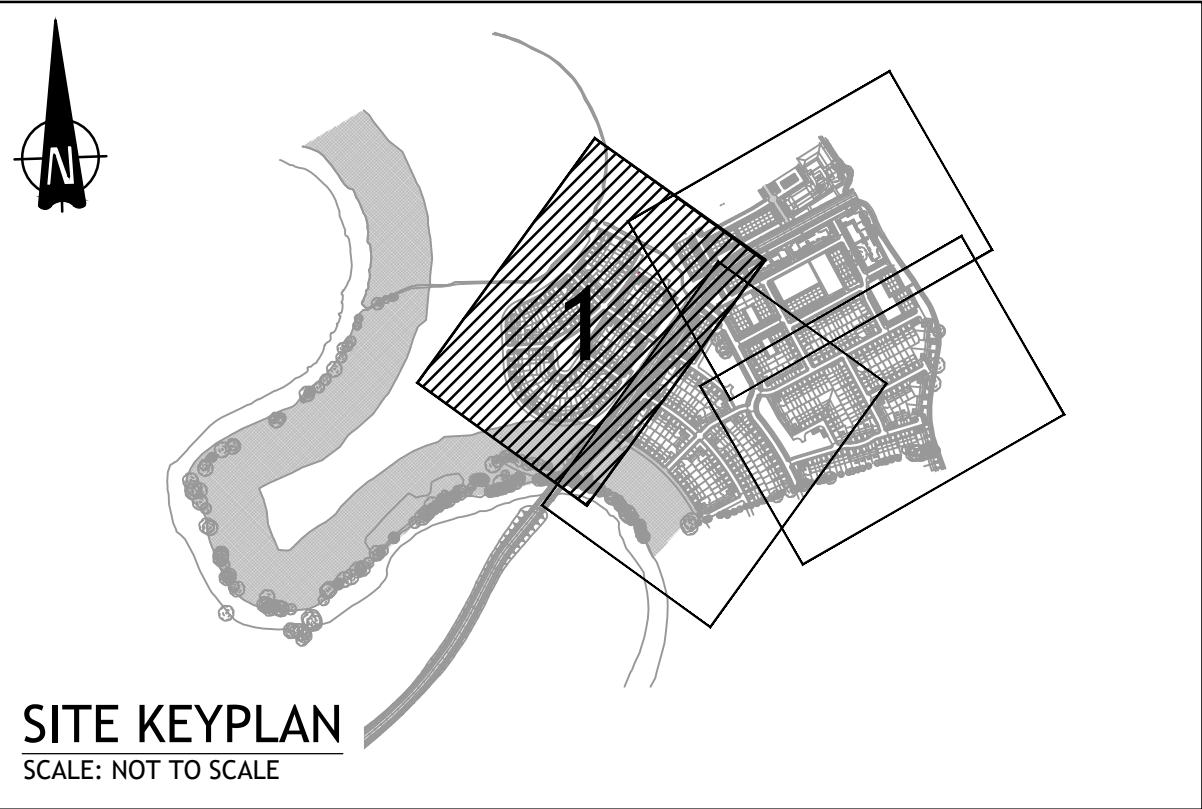
PROPOSED FIRE HYDRANT

PROPOSED AIR VALVE

**PROPOSED SCOUR VALVE. SCOUR VALVE TO
CONNECT TO NEARBY SURFACE WATER
MANHOLE IN ACCORDANCE WITH STD-W-30A**

PROPOSED SLUICE VALVE

**PROPOSED SLUICE VALVE/MECHANICAL
WATERMETER & CHAMBER TO IRISH WATER**
DETAIL STD-W-26A. KIOSK REQUIRED TO IW
DETAIL STD-W-36. KIOSK LOCATION TO BE
AGREED WITH ARCHITECT



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Rev	Amendment	By	Date	Rev	Amendment	By	Date
C01	ISSUED FOR PLANNING	IBS	2021-09-03				
C02	ISSUED TO IW FOR SODA	IBS	2022-03-22				
C03	ISSUED TO IW FOR SODA	IBS	2022-03-28				
C04	ISSUED TO IW FOR SODA	IBS	2022-03-31				

PUNCH
consulting engineers
Dublin | Limerick | Cork | Galway | Glasgow

97 Henry Street, Limerick, V94 YC2H
t +353 61 221 200 | w punchconsulting.com

Project: GREAT CONNELL SHD, NEWBRIDGE				
Title: PROPOSED WATERMAIN LAYOUT - SHEET 1				
Drawn: IBS	Date drawn: AUGUST 2021	Technician Check: PJM	Engineer Check: ET	Approved: LB
Project No: 192229	Model Ref: 19229-PUNCH-XX-XX-MZ-C-0301		Drawing Status: A0 PLANNING	
Scale to A4: 1:500	Document No: 19229-PUNCH-XX-XX-DR-C-0301	Revision No: C04		