



- NOTES:**
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 IN BOXES TO B.S. 750 AND THE TOP OF ANY HYDRANT IS TO BE NO MORE THAN 200mm BELOW COVER LEVEL.
  4. ALL HYDRANTS ARE 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 SURROUNDED BY A CONCRETE PLINTH, 200mm ALL AROUND AND 100mm DEEP FORMED IN C20/25 CONCRETE, 20mm AGGREGATE SIZE AND BEDDED IN CLAUSE 804 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCEMENT AND HAVE A BULL-NOSED FINISH ALL AROUND ITS EXTERNAL PERIMETER.

**LEGEND:**

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  
(110 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-26A. KIOSK REQUIRED TO IW  
DETAIL STD-W-36. KIOSK LOCATION TO BE  
AGREED WITH ARCHITECT ---

EXTENT OF PROPOSED DEVELOPMENT ---

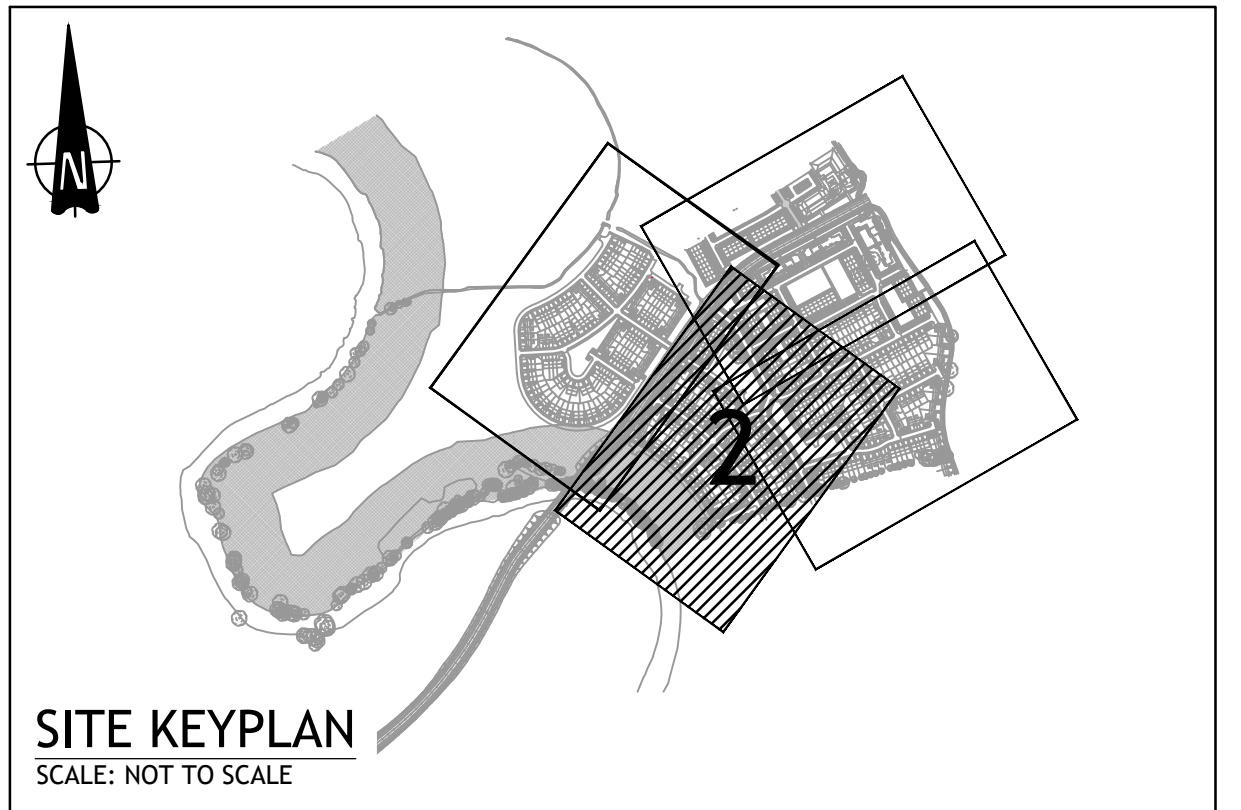
PROPOSED FIRE HYDRANT ■ H

PROPOSED AIR VALVE ■ AV

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

PROPOSED SLUCE VALVE ■ SV

PROPOSED SLUCE VALMECHANICAL  
WATERMETER & CHAMBER TO IRISH WATER  
DETAIL STD-W-26A. KIOSK REQUIRED TO IW  
DETAIL STD-W-36. KIOSK LOCATION TO BE  
AGREED WITH ARCHITECT ■ WM



Ordnance Survey Ireland Licence No. EN 0003721  
© Ordnance Survey Ireland/Government of Ireland

**© PUNCH Consulting Engineers**

This drawing and any design hereon is the copyright of the Consultants and must not be reproduced without their written consent.  
All drawings remain the property of the Consultants.  
Figured dimension only to be taken from this drawing.  
Consultants to be informed immediately of any discrepancies before work proceeds.

COLOUR DRAWING

**NSAI Certified**

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				

Client:

**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 2		
Drawn:	IBS	Date drawn: AUGUST 2021	Engineer Check: ET
Project No:	192229	Model Ref: 192229-PUNCH-XX-XX-M2-C-0301	Drawing Status: A0 PLANNING
Scale @ A3:	1:500	Document Ref: 192229-PUNCH-XX-XX-DR-C-0302	Revision No: C04