



WATERMAIN LEGEND

- PROPOSED WATERMAIN (180mm OD PE100 SDR 17) ---
- PROPOSED WATERMAIN (250mm OD PE100 SDR 17) ---
- PROPOSED WATERMAIN (125mm OD PE100 SDR 17) ---
- EXISTING 600mm DIA. WATERMAIN ---
- PROPERTY BOUNDARY BOX ---
- FIRE HYDRANT H
- SLUICE VALVE SV
- AIR VALVE AV
- SCOUR VALVE SCV
- WATERMETER WM
- BULK FLOW METER BFM
- PROPOSED MANHOLE (SCOUR VALVE CONNECTION) M
- PROPOSED SURFACE WATER MANHOLE S1-0

GENERAL NOTES:

1. DO NOT SCALE. ALL DIMENSIONS ON DRAWINGS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE. USE FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER WORKS REQUIREMENTS
3. ANY QUERIES OR DISCREPANCIES ARE TO BE REFERRED TO THE EMPLOYER'S REPRESENTATIVE IMMEDIATELY.

WATERMAIN NOTES

1. BOUNDARY BOXES TO BE PROVIDED FOR EACH UNIT
2. EXACT LOCATION OF WATERMAIN TIE-IN TO EACH UNIT & LOCATION OF BOUNDARY BOX TO BE AGREED WITH M&E CONSULTANT.
3. LOCATION OF FIRE HYDRANTS TO BE AGREED WITH FIRE CONSULTANT
4. 25mm OD PE80 SDR17 PIPE TO EXTEND TO CONNECTION IN HOUSE
5. CONTRACTOR TO CO-ORDINATE WATERMAIN WITH ALL SERVICES TO ENSURE COMPLIANCE WITH IRISH WATER STANDARD DETAIL STD-W-11
6. AIR VALVE AND HYDRANTS COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH, 200mm ALL ROUND AND 100mm DEEP, FORMED WITH C20/25 CONCRETE, 20mm AGGREGATE SIZE, AND BEDDED IN CLAUSE 808 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCEMENT LINKS AND SHALL HAVE A BULL-NOSE FINISH AROUND ITS EXTERNAL PERIMETER. SEE SECTION 3.18 OF WATER CODE OF PRACTICE
7. WHERE SEPARATION DISTANCES IN ACCORDANCE WITH STANDARD DETAILS STD-W-12A AND STD-11-06A CANNOT BE ACHIEVED, SPECIAL MEASURES IN THE FORM OF ROOT INTRUSION PROTECTION WILL BE PROVIDED

PROPRIETARY PRODUCT NAMES, MANUFACTURER'S NAMES, SUPPLIERS NAMES, NATIONAL STANDARDS

WHERE A SPECIFICATION OR A DESCRIPTION OF A PRODUCT OR ELEMENT OF WORK INCLUDES A SPECIFIC MAKE OR SOURCE SUCH AS A PRODUCT NAME OR MANUFACTURER'S NAME OR A SUPPLIER'S NAME, OR A NATIONAL STANDARD, THE SPECIFICATION OR DESCRIPTION SHALL BE DEEMED TO BE ACCOMPANIED BY THE WORDS "OR EQUIVALENT" NOTWITHSTANDING THAT THOSE EXACT WORDS MAY NOT IN FACT ACCOMPANY THE NAME OR STANDARD. THIS ALSO APPLIES WHERE THE NAME OR STANDARD IS ACCOMPANIED BY OTHER WORDS SUCH AS "OR EQUAL APPROVED" OR SIMILAR PHRASES.

MATERIALS IN CONTACT WITH POTABLE WATER

ALL MATERIALS, SUBSTANCES AND PRODUCTS IN CONTACT WITH POTABLE WATER SHALL COMPLY IN ALL RESPECTS WITH THE EUROPEAN COMMUNITIES (DRINKING WATER) (NO. 2) REGULATIONS, 2007 (S.I. NO. 278 OF 2007) AND SHALL BE INCLUDED IN THE LATEST "LIST OF APPROVED PRODUCTS AND PROCESSES" PUBLISHED BY THE DRINKING WATER INSPECTORATE FOR ENGLAND AND WALES. THE CONTRACTOR SHALL PRODUCE DOCUMENTARY EVIDENCE THAT THE SUBSTANCE OR PRODUCT HAS BEEN SPECIFICALLY APPROVED UNDER THE DWI SYSTEM, OR EQUIVALENT APPROVAL SYSTEM.

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

© PUNCH Consulting Engineers
This drawing and any design herein 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.



Rev	Amendment	By	Date	Rev	Amendment	By	Date
PL0	ISSUED FOR PLANNING	CN	2021-09-22				
PL1	LAYOUT UPDATED	CN	2021-09-28				

Project:	Client:
WATERPARK MASTERPLAN	
Watermain Layout (Sheet 2 of 2)	
Drawn: C. Nolan	Checked: D. Galley
Project No: 191325	Model Ref: 191325-PUNCH-XX-XX-M2-C-0201
Scale @ A1: 1:500	Document Ref: 191325-PUNCH-XX-XX-DR-C-0201
	Revision No: PL1



Date	Technician Check	Engineer Check	Approved
2021-09-28	C. Nolan	D. Galley	D. Galley
			PLANNING