

**LEGEND**

SITE BOUNDARY	
PROPOSED BUILDING	
PROPOSED DN200 WATERMAIN (TO BE CONSTRUCTED AS PART OF LEHAUNSTOWN NEIGHBOURHOOD ROAD PROJECT)	
PROPOSED WATERMAIN (180 OD PE100 SDR11 PIPE) MATERIALS MUST BE IN ACCORDANCE WITH IRISH WATER STANDARDS	
PROPOSED WATERMAIN (110 OD PE80 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 LESS THAN 15m LONG PIPE TO BE DN25. FOR PIPES 15m TO 30m LONG PIPE TO DN32	
FIRE HYDRANT	
SLUICE VALVE	
AIR VALVE	
SCOUR VALVE	
PROPOSED BLANK FLANGE	
ELECTROMAGNETIC WATERMETER & CHAMBER TO IRISH WATER DETAIL STD-W-26. KIOSK REQUIRED TO IW DETAIL STD-W-36.KIOSK LOCATION TO BE AGREED WITH ARCHITECT	
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	

- NOTES :**
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS & MANUFACTURERS DRAWINGS & SPECIFICATIONS.
  - 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.
  - ALL PROPOSED PIPE DIAMETERS ARE NOMINAL.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING OUT WATERMANS & VALVES TO ENSURE NO CLASHES WITH SERVICE DUCTS OR PIPES. CONTRACTOR TO CO-ORDINATE CONSTRUCTION OF WATERMANS WITH ALL OTHER GROUND SERVICES AND UTILITIES.
  - ALL THRUST BLOCKS MUST BE CAST AGAINST UNDISTURBED GROUND. FLEXIBLE PIPES SHOULD BE WRAPPED IN PLASTIC SHEETING IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS.
  - MARKER POSTS AND PLATES TO BE PROVIDED FOR ALL VALVES, METERS AND HYDRANTS.
  - TESTING AND COMMISSIONING - ALL ON SITE AND OFF SITE TESTING (PRESSURE TESTING, JOINT TESTING, DISINFECTION OF WATERMAIN TESTINGS, COMMISSIONING TESTING ETC.) TO BE UNDERTAKEN BY EXTERNAL TESTER. ALL TESTING AND CERTIFICATION TO BE UNDERTAKEN IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE, MUST PASS THE RELEVANT TESTS AND BE SUBMITTED TO THE ENGINEER.
  - TESTING BETWEEN LIVE SHUT VALVES WILL NOT BE ACCEPTED UNDER ANY CIRCUMSTANCE.
  - WHERE PIPE RUN IS LOCATED ADJACENT TO FOUNDATION AND IS AT A LEVEL BELOW UNDERSIDE OF THE FOUNDATION, PIPE TRENCH TO BE BACKFILLED TO FORMATION LEVEL WITH CLASS 15/20 CONCRETE.
  - PROVIDE ANCHOR/THRUST BLOCKS ON ALL HORIZONTAL BENDS EQUAL TO OR IN EXCESS OF 11.25°. ALL VERTICAL BENDS, DEAD ENDS, TAPERS TEES ON ALL PIPES ETC. IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS.
  - TRENCHES IN EXISTING SURFACES TO BE SAW CUT.
  - ALL INDIVIDUAL CONNECTIONS TO THE EXISTING WATERMANS TO BE DISCONNECTED AND RECONNECTED TO THE NEW WATERMAIN WHEN IT HAS BEEN MADE LIVE.
  - FINAL CONNECTION DETAILS TO BE AGREED WITH IRISH WATER.
  - THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING ALL TEMPORARY WORKS, SUPPORTS AND VALVING TO ENSURE THE WATERMAIN REMAINS ADEQUATELY ANCHORED AND STABLE FOR THE DURATION OF THE TEST.

TIE-IN POINT TO PROPOSED DN200 WATERMAIN - DN200 WATERMAIN TO BE CONSTRUCTED AS PART OF LEHAUNSTOWN NEIGHBOURHOOD ROAD PROJECT)

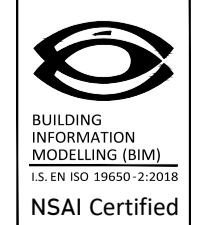
CONNECTION PIPE TO PLANT ROOM SERVICING BLOCKS A1, A2 & B - INTERNAL ROUTE. SIZE AND LOCATION TO BE AGREED WITH M&E CONSULTANT

CONNECTION PIPE - INTERNAL ROUTE. SIZE AND LOCATION TO BE AGREED WITH M&E CONSULTANT

SCOUR LINE WITH NON-RETURN VALVE FITTED TO PROPOSED SURFACE WATER SEWER MANHOLE (SHADED YELLOW)



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Rev	Amendment	By	Date	Rev	Amendment	By	Date	Client:
C01	DRAFT PLANNING ISSUE	PJM	2024-04-12					
C02	PLANNING APPLICATION	PJM	2024-06-25					



Project: RESIDENTIAL DEVELOPMENT LEHAUNSTOWN, CHERRYWOOD					
Title: PROPOSED WATERMAIN LAYOUT					
Drawn: PJ Mulcahy	Date drawn: 2024-02-14	Technician Check: PJ Mulcahy	Engineer Check: Mark Richardson	Approved: Leonard Brennan	
Project No: 232250	Model Ref: 232250-PUNCH-XX-XX-M2-C-0301	Drawing Status: AD (Planning)			
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