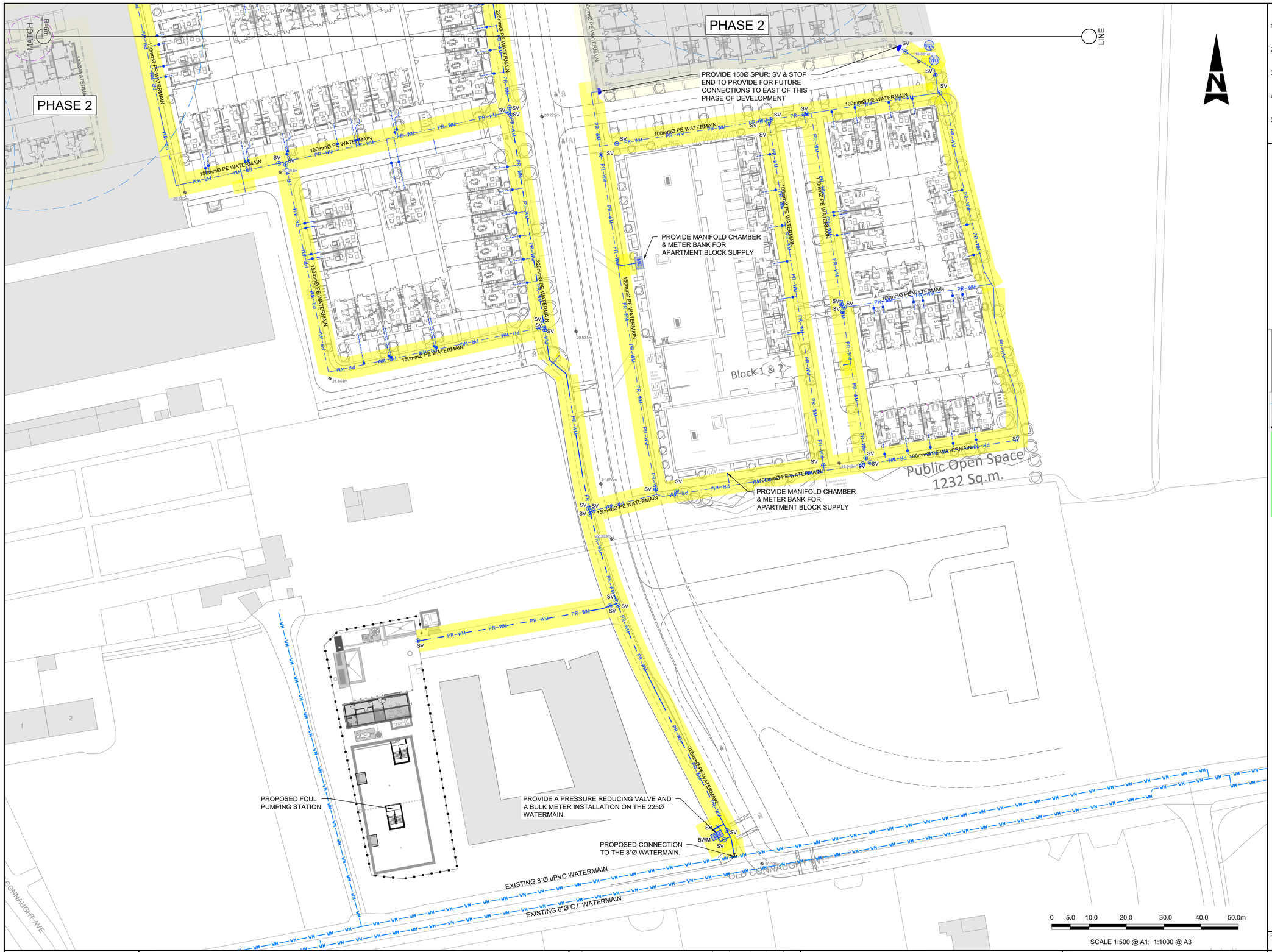
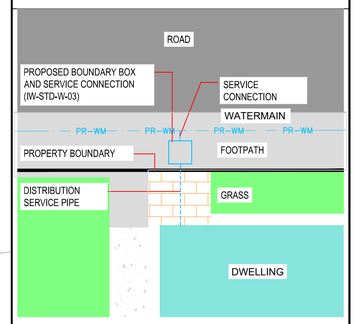


GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

NOTE:-
INSTALLATION OF WATER MAIN SHALL BE IN ACCORDANCE WITH IRISH WATER, WATER INFRASTRUCTURE STANDARD DETAILS (IW-CDS-5020-01) & CODE OF PRACTICE FOR WATER INFRASTRUCTURE (IW-CDS-5020-03)
INSTALLATION OF WATER MAIN AND ALL OTHER DEVELOPMENT SERVICES SHALL BE IN ACCORDANCE WITH IRISH WATER STD-W-11
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, BEDDED IN CLAUSE 804 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
A GEOTEXTILE PIPE WRAP ROOT PROTECTION SYSTEM WILL BE APPLIED TO THE PIPES WHERE IT IS LAID WITHIN THE MINIMUM DISTANCE GIVEN IN TABLE A1 OF BS 5837 AS SPECIFIED IN SECTION 3.26 OF THE IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE



TYPICAL BOUNDARY BOX DETAIL
Scale at A1 1:100

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ATKINS WILL NOT BE HELD LIABLE FOR THE USE OF THIS DATA ON ANY PROJECT OTHER THAN THE PROJECT:

LEGEND

- EXISTING WATERMAIN
- (HPPE/HDPE PE-100 SDR-17) WATERMAIN DIAMETER AS INDICATED
- (HPPE/HDPE PE-100 SDR-17) FUTURE INDICATIVE WATERMAIN LAYOUT
- PROPOSED SLUICE VALVE (IW-STD-W-15)
- PROPOSED FIRE HYDRANT (ONLINE IW-STD-W-18) (OFFLINE IW-STD-W-19)
- PROPOSED 25MM (OD) PE SERVICE PIPE AS PER STD-W-01
- PROPOSED AIR VALVE (ONLINE IW-STD-W-22) (OFFLINE IW-STD-W-23)
- PROPOSED SCOUR VALVE (IW-STD-W-30)
- PROPOSED MANIFOLD CHAMBER (W-CDS-5020-03,SECTION 3.14)
- PROPOSED END CAP (IW-STD-W-05)
- PROPOSED WASH OUT HYDRANT (IW-STD-W-30A)
- PROPOSED BULK METER (IW-STD-W-26)

Risk Level	
-	Atkins Base Line - Low Risk
	Atkins Sensitive - Medium Risk
	Atkins Private - High Risk
	Client Critical - Already Marked

Rev	Description	By	Date	Chk'd	Rev'd	Auth
P03	ISSUED FOR PLANNING	PM	22.09.26	IPR	GH	GH
P02	ISSUED FOR PLANNING	PM	15.09.26	IPR	GH	GH
P01	ISSUED FOR PLANNING	PM	09.07.26	IPR	GH	GH

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Client: CASTLETHORN OLD CONNAUGHT UCL

Project: OLD CONNAUGHT PHASE A1 LRD

Purpose: FOR PLANNING

Title: PROPOSED WATERMAINS LAYOUT PLAN SHEET 2

Original Scale	Drawn	Checked	Reviewed	Authorised
1:500 at A1 1:1000 at A3	PM	IPR	IPR	GH
	Date 24.11.25	Date 24.11.25	Date 24.11.25	Date 24.11.25

Status: S4

Drawing Number: ATK-ZZ-ZZ-DR-CE-902702

Rev: P03

A1 DO NOT SCALE

File: ATK-ZZ-ZZ-DR-CE-902700-902702.dwg
Date: Sep 22, 2026 - 4:12pm Plotted by: MURR7315

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