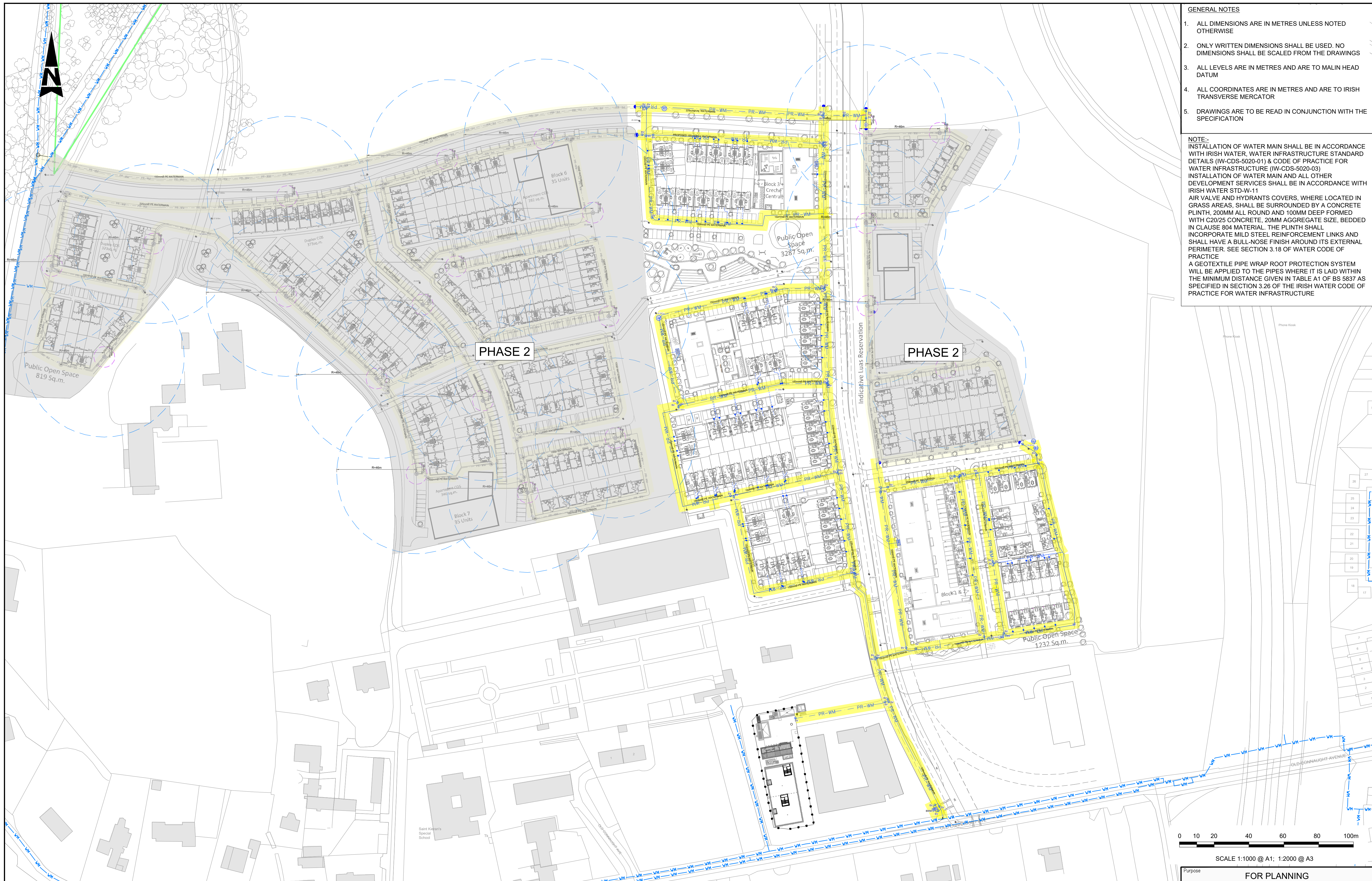




- ### GENERAL NOTES
1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
  2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
  3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
  4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
  5. 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 S.D 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 ROOF 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

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

Risk Level

Atkins Base Line - Low Risk

Atkins Sensitive - Medium Risk

Atkins Private - High Risk

Client Critical - Already Marked

LEGEND

WM

WM

WM

WM

EXISTING WATERMAIN

PR

WM

PR

WM

(HPPE/HDPE PE-100 SDR-17) WATERMAIN DIAMETER AS INDICATED

PR

WM

PR

WM

(HPPE/HDPE PE-100 SDR-17) FUTURE INDICATIVE WATERMAIN LAYOUT

SV

PROPOSED SLUICE VALVE (IW-STD-W-15)

FH

PROPOSED FIRE HYDRANT (ONLINE IW-STD-W-18)  
(OFFLINE IW-STD-W-19)

PROPOSED 25MM (OD) PE SERVICE PIPE AS PER STD-W-01

AV

PROPOSED AIR VALVE (ONLINE IW-STD-W-22)  
(OFFLINE IM-STD-W-23)

SCV

PROPOSED SCOUR VALVE (IW-STD-W-30)

MC

PROPOSED MANIFOLD CHAMBER (IW-CDS-5020-03 SECTION 3.14)

ECAP

PROPOSED END CAP (IW-STD-W-05)

WYO

PROPOSED WASH OUT HYDRANT (IW-STD-W-30A)

BM

PROPOSED BULK METER (IW-STD-W-26)

P02

ISSUED FOR PLANNING

PM

22.09.26

IPR

GH

GH

P01

ISSUED FOR PLANNING

PM

09.07.26

IPR

GH

GH

Rev

Description

By

Date

Chk'd

Rev'd

Auth

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Client

CASTLETHORN OLD CONNAUGHT UCL

Project

OLD CONNAUGHT PHASE A1 LRD

Title

PROPOSED WATERMAINS OVERALL LAYOUT PLAN

Original Scale

1:1000 at A1  
1:2000 at A3

Drawn

PM

Date

24.11.25

Checked

IPR

Date

24.11.25

Reviewed

IPR

Date

24.11.25

Authorised

GH

Date

24.11.25

Status

S4

Drawing Number

ATK-ZZ-ZZ-DR-CE-902700

Rev

P02