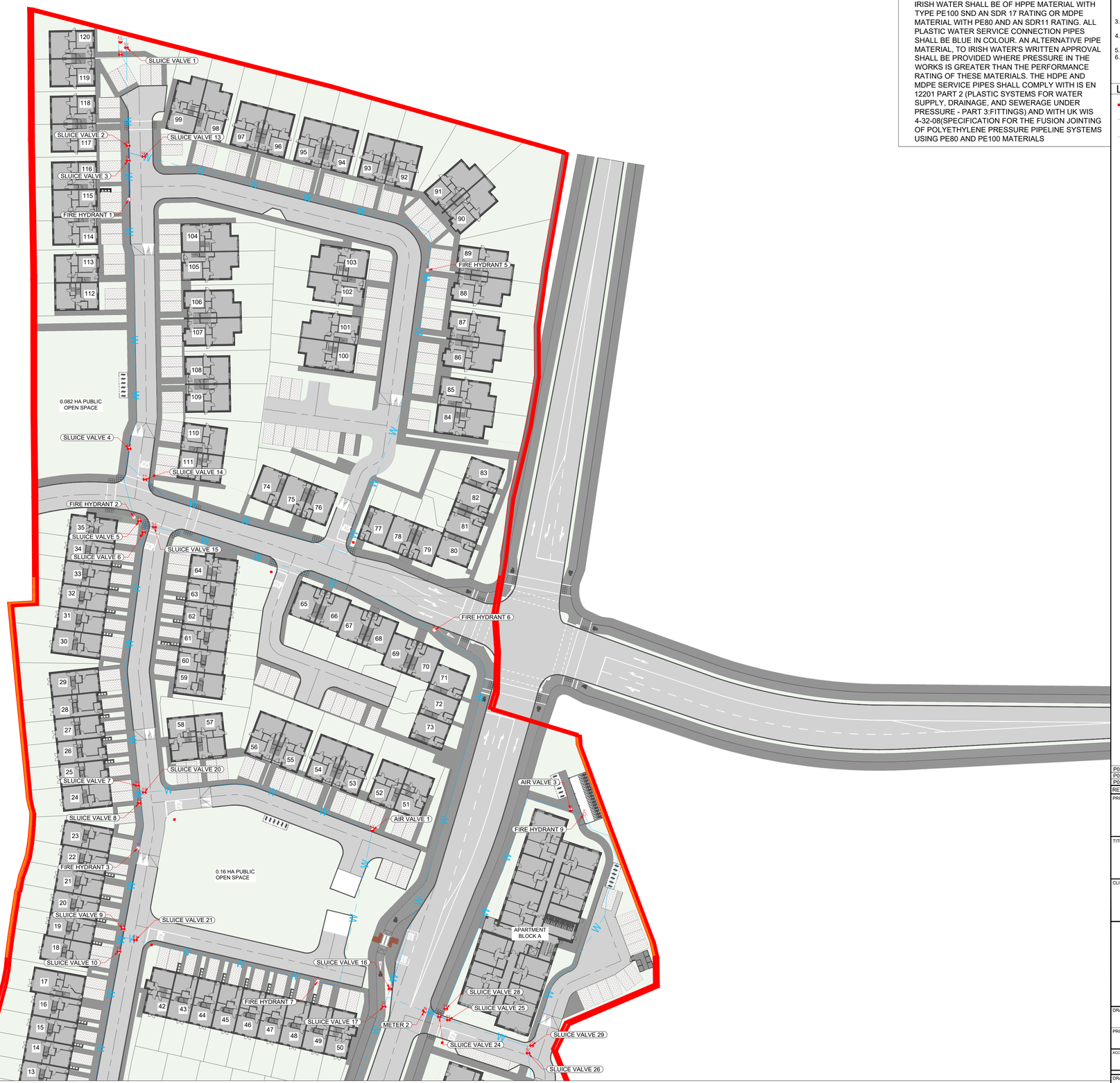
NORTH



WATERMAIN NOTES

1. **INTERNAL WATERMAINS -** MDPE PIPES SHALL BE OF A TYPE PE-80 AND HAVE AN SDR-11 RATING. THEY SHALL CONFORM TO IS EN 12201: PART 1 AND PART 2(PLASTIC SYSTEMS FOR WATER SUPPLY,DRAINAGE AND SEWERAGE UNDER PRESSURE - PART GENERAL, AND PART 2, PIPES) AND IS EN 12201-3(PLASTIC SYSTEMS FOR WATER SUPPLY, DRAINAGE AND SEWERAGE UNDER PRESSURE - PART 3:FITTINGS)
2. **SERVICE CONNECTIONS -** SERVICE CONNECTION PIPES SUITABLE FOR WORKS AND APPROVED BY IRISH WATER SHALL BE OF HPPE MATERIAL WITH TYPE PE100 SND AN SDR 17 RATING OR MDPE MATERIAL WITH PE80 AND AN SDR11 RATING. ALL PLASTIC WATER SERVICE CONNECTION PIPES SHALL BE BLUE IN COLOUR. AN ALTERNATIVE PIPE MATERIAL, TO IRISH WATER'S WRITTEN APPROVAL SHALL BE PROVIDED WHERE PRESSURE IN THE WORKS IS GREATER THAN THE PERFORMANCE RATING OF THESE MATERIALS. THE HDPE AND MDPE SERVICE PIPES SHALL COMPLY WITH IS EN 12201 PART 2 (PLASTIC SYSTEMS FOR WATER SUPPLY, DRAINAGE, AND SEWERAGE UNDER PRESSURE - PART 3:FITTINGS) AND WITH UK WIS 4-32-08(SPECIFICATION FOR THE FUSION JOINTING OF POLYETHYLENE PRESSURE PIPELINE SYSTEMS USING PE80 AND PE100 MATERIALS

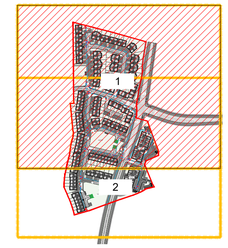
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NOTES

1. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES, ARCHITECTURAL, SERVICES AND ENGINEERING DRAWINGS.
2. ALL LEVELS ARE IN METRES RELATED TO:
   DATUM: ORDNANCE DATUM MALIN HEAD
   REFERENCE SYSTEM: IRISH TRANSVERSE MERCATOR (ITM)
   GEOID: OSGM15
3. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
4. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
5. DRAWINGS ARE NOT TO BE SCALED.
6. AERIAL IMAGERY, WHEN USED, IS SOURCED FROM MICROSOFT BING MAPS THROUGH THE OPEN LICENSING AGREEMENT WITH AUTODESK.

LEGEND

- SITE BOUNDARY
- EXISTING POTABLE WATERMAIN (Ex W)
- PROPOSED 150mm POTABLE WATERMAIN (W)
- PROPOSED SLUICE VALVE IN ACCORDANCE WITH STD-W-15 (S.V)
- PROPOSED ONLINE HYDRANT IN ACCORDANCE WITH STD-W-18 (H)
- PROPOSED ONLINE AIR VALVE IN ACCORDANCE WITH STD-W-22 (A.V)
- PROPOSED WATER METER IN ACCORDANCE WITH STD-W-26 (Me)



KEY PLAN
SCALE: NTS

REV	DATE	DESCRIPTION	BY	APP
P03	29.09.26	ISSUED FOR INFORMATION	P.V.	I.B.
P02	16.09.26	ISSUED FOR INFORMATION	R.H	I.B.
P01	12.03.26	ISSUED FOR INFORMATION	R.H	I.B.

PROJECT:
DEERPARK HOUSING

TITLE:
PROPOSED WATERMAIN LAYOUT
SHEET 1

CLIENT:
ROSS-PARK RESIDENTIAL HS LIMITED

MWP
ENGINEERING AND ENVIRONMENTAL CONSULTANTS
CORK | TRALEE | LONDON | LIMERICK
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DRAWN:	CHECKED:	APPROVED:
P.V.	S.H.	I.B.
PROJECT NUMBER:	DATE:	SCALE @ A1:
25123	MAR 2026	1:500
ACCEPTANCE CODE:	PURPOSE OF ISSUE:	PURPOSE CODE:
S	ISSUED FOR INFORMATION	P1

DRAWING NUMBER: 25123-00-DTM-DR-MWP-CE-2105
REV: P03

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