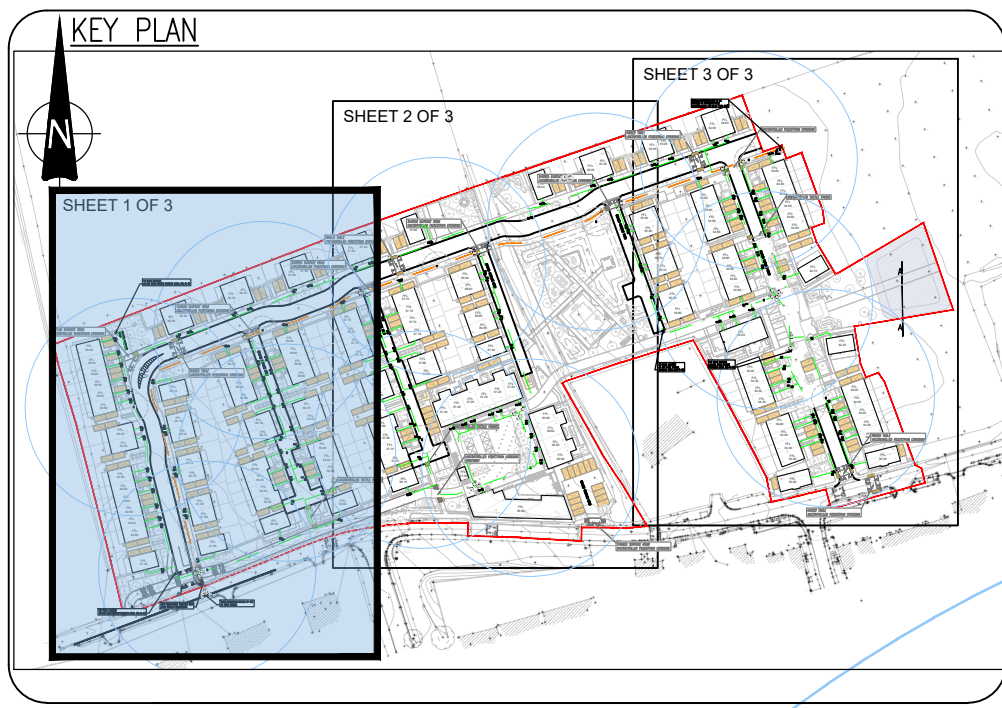


LEGEND

- 150mmØ PROPOSED 150mmØ HDPE WATERMAIN
- 100mmØ PROPOSED 100mmØ HDPE WATERMAIN
- SV PROPOSED SLUICE VALVE
- H PROPOSED HYDRANT
- BB PROPOSED HOUSE CONNECTION AND BOUNDARY BOX (25mmØ, 32mmØ IF THE PIPE RUN IS OVER 15m). REFER TO UISCE ÉIREANN DETAILS STD-W-26G
- BB1 PROPOSED BOUNDARY BOX IN HOMEZONE AREA. GRADE B COVER FOR TRAFFICKED AREAS. 200mm CONCRETE PLINTH AROUND THE COVER. 150mm CONCRETE SURROUND TO SIDES AND BASE.
- SCV PROPOSED SCOUR VALVE
- WOH PROPOSED OFF-LINE HYDRANT
- AV PROPOSED AIR VALVE
- EX XXXØ VM EXISTING WATERMAIN WITH PIPE SIZE
- H PROPOSED HYDRANT 6m RADIUS
- H PROPOSED HYDRANT 46m RADIUS

KEY PLAN

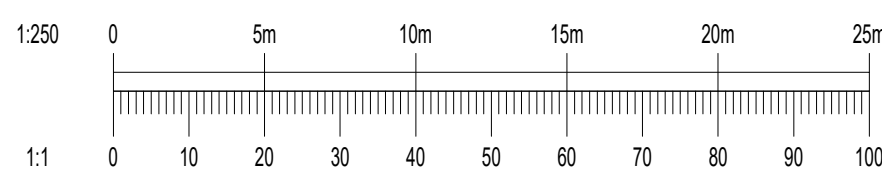
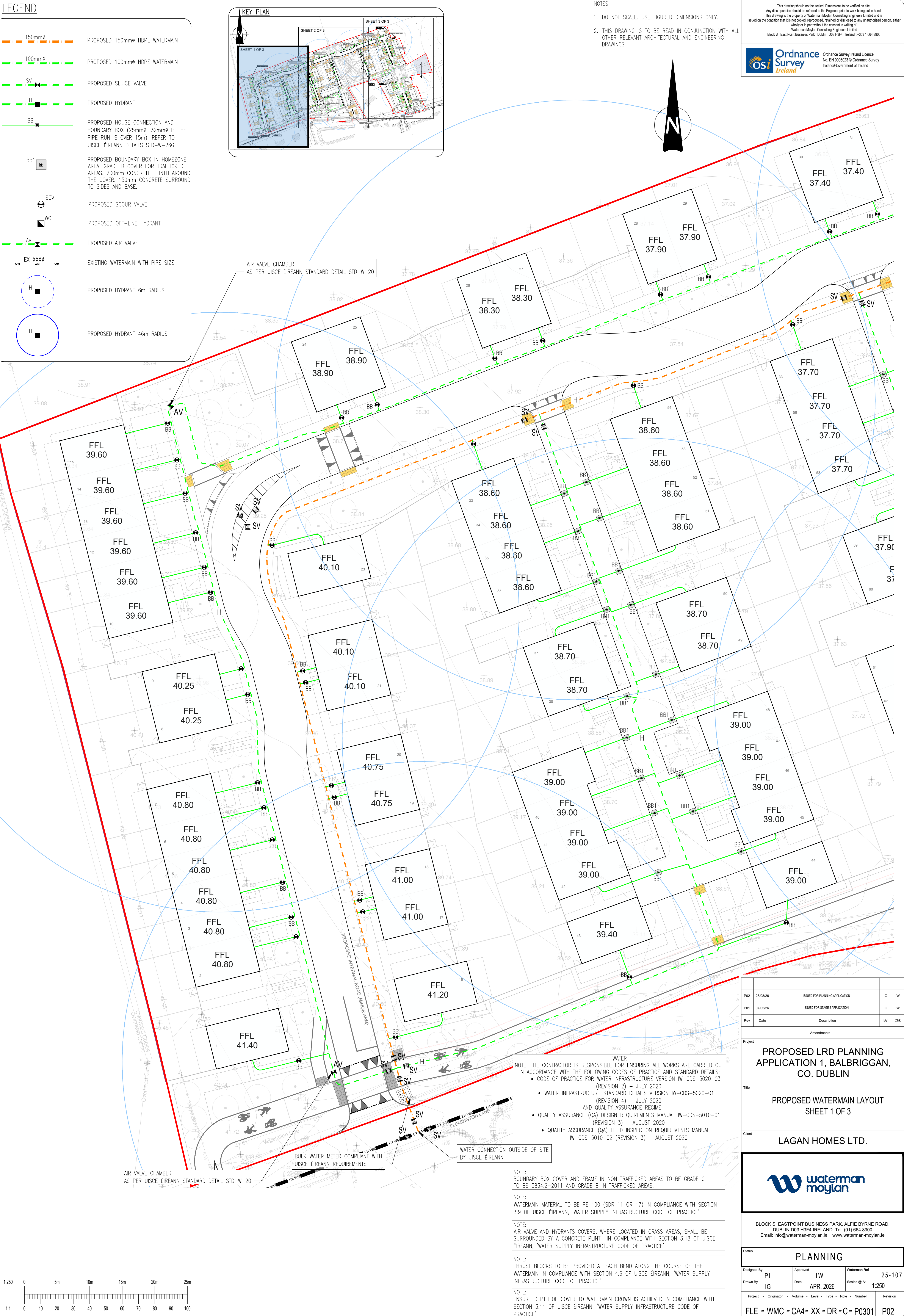


NOTES:

1. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.

This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.
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NOTE: THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL WORKS ARE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING CODES OF PRACTICE AND STANDARD DETAILS;

- CODE OF PRACTICE FOR WATER INFRASTRUCTURE VERSION IW-CDS-5020-03 (REVISION 2) – JULY 2020
- WATER INFRASTRUCTURE STANDARD DETAILS VERSION IW-CDS-5020-01 (REVISION 4) – JULY 2020 AND QUALITY ASSURANCE REGIME;
- QUALITY ASSURANCE (QA) DESIGN REQUIREMENTS MANUAL IW-CDS-5010-01 (REVISION 3) – AUGUST 2020
- QUALITY ASSURANCE (QA) FIELD INSPECTION REQUIREMENTS MANUAL IW-CDS-5010-02 (REVISION 3) – AUGUST 2020

NOTE: BOUNDARY BOX COVER AND FRAME IN NON TRAFFICKED AREAS TO BE GRADE C TO BS 5834-2-2011 AND GRADE B IN TRAFFICKED AREAS.

NOTE: WATERMAIN MATERIAL TO BE PE 100 (SDR 11 OR 17) IN COMPLIANCE WITH SECTION 3.9 OF UISCE ÉIREANN, 'WATER SUPPLY INFRASTRUCTURE CODE OF PRACTICE'

NOTE: AIR VALVE AND HYDRANTS COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH IN COMPLIANCE WITH SECTION 3.18 OF UISCE ÉIREANN, 'WATER SUPPLY INFRASTRUCTURE CODE OF PRACTICE'

NOTE: THRUST BLOCKS TO BE PROVIDED AT EACH BEND ALONG THE COURSE OF THE WATERMAIN IN COMPLIANCE WITH SECTION 4.6 OF UISCE ÉIREANN, 'WATER SUPPLY INFRASTRUCTURE CODE OF PRACTICE'

NOTE: ENSURE DEPTH OF COVER TO WATERMAIN CROWN IS ACHIEVED IN COMPLIANCE WITH SECTION 3.11 OF UISCE ÉIREANN, 'WATER SUPPLY INFRASTRUCTURE CODE OF PRACTICE'

P02	28/08/26	ISSUED FOR PLANNING APPLICATION	IG	IW
P01	07/05/26	ISSUED FOR STAGE 2 APPLICATION	IG	IW
Rev	Date	Description	By	Chk
Amendments				
Project				
PROPOSED LRD PLANNING APPLICATION 1, BALBRIGGAN, CO. DUBLIN				
Title				
PROPOSED WATERMAIN LAYOUT SHEET 1 OF 3				
Client				
LAGAN HOMES LTD.				
Status				
PLANNING				
Designed By	PI	Approved	IW	Waterman Ref
Drawn By	IG	Date	APR. 2026	25-107
Scales @ A1				1:250
Project - Originator - Volume - Level - Type - Role - Number				
Revision				
FLE - WMC - CA4- XX - DR - C- P0301				P02