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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WATER

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

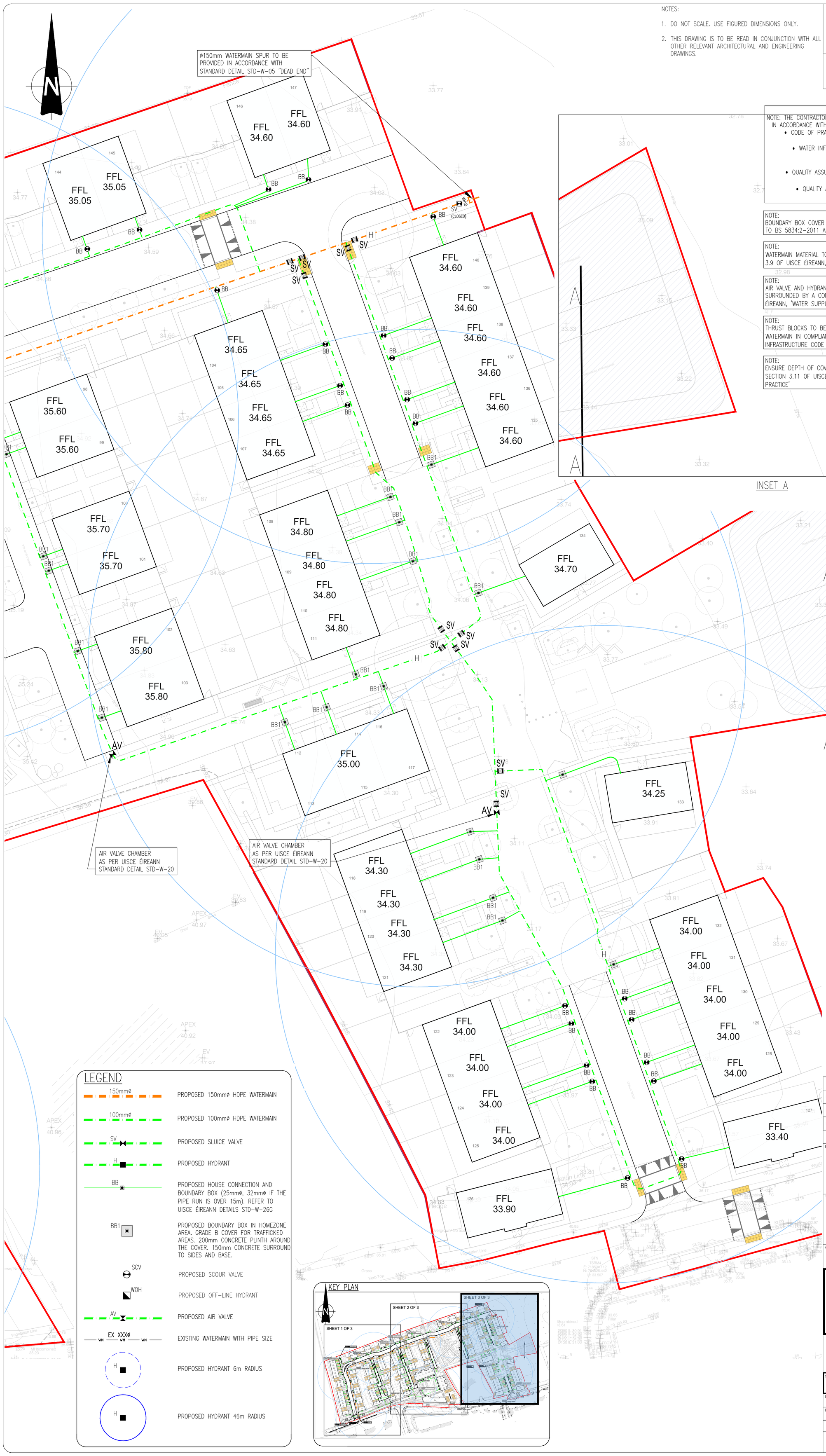
NOTE:
BOUNDARY BOX COVER AND FRAME IN NON TRAFFICKED AREAS TO BE GRADE C TO BS 5834:2-2011 AND GRADE B IN TRAFFICKED AREAS.

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'



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	EXISTING WATERMAIN WITH PIPE SIZE
H	PROPOSED HYDRANT 6m RADIUS
H	PROPOSED HYDRANT 46m RADIUS

KEY PLAN

Rev	Date	Description	By	Chk
P02	28/08/26	ISSUED FOR PLANNING APPLICATION	IG	IW
P01	07/05/26	ISSUED FOR STAGE 2 APPLICATION	IG	IW

Amendments

Project
PROPOSED LRD PLANNING APPLICATION 1, BALBRIGGAN, CO. DUBLIN

Title
PROPOSED WATERMAIN LAYOUT
SHEET 3 OF 3

Client
LAGAN HOMES LTD.

waterman moylan

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Status: PLANNING

Designed By	Approved	Waterman Ref
PI	IW	25-107
Drawn By	**Date**	**Scales @ A1**
IG	APR. 2026	1:250

Project - Originator - Volume - Level - Type - Role - Number	Revision
FLE - WMC - CA4 - XX - DR - C - P0303	P02

Drawing Location: N:\Projects\25\25-107 Flemington Balbriggan\Drawings\Waterman Moylan\Civil\Planning\Autocad Drawings\FLE-WMC-CA4-ZZ-DR-C-P0301-P0303 Proposed Watermain Layout Sheets.dwg
Date: Aug 27, 2026 - 3:52pm