



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 IRISH WATER, 'WATER SUPPLY INFRASTRUCTURE CODE OF PRACTICE'

NOTE: 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/C25 CONCRETE, 20mm AGGREGATE SIZE, AND 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.

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

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

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.
This drawing is the property of Waterman Moylan Consulting Engineers Limited and is issued on the condition that it is not copied, reproduced, related or disclosed to any unauthorized person, either wholly or in part without the consent in writing of Waterman Moylan Consulting Engineers Limited
Block S East Point Business Park Dublin D03 H3F4 Ireland
1-353 1 864 8900

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

LEGEND

- SITE BOUNDARY
- PROPOSED 100mm PE WATERMAIN
- PROPOSED 150mm PE WATERMAIN
- SV PROPOSED SLUICE VALVE
- H PROPOSED HYDRANT
- ScV PROPOSED SCOUR VALVE
- SV PROPOSED NON RETURN VALVE
- BB PROPOSED BOUNDARY BOX WITH 25mm PIPE
- BB PROPOSED BOUNDARY BOX WITH 32mm PIPE
- BM PROPOSED BULK WATER METER
- AV PROPOSED AIR VALVE
- OFH PROPOSED OFFLINE HYDRANT
- ScV PROPOSED SCOUR VALVE
- NRV PROPOSED NON RETURN VALVE
- BC PROPOSED BLANK CAP
- PROPOSED HYDRANT 6m RADIUS
- PROPOSED HYDRANT 46m RADIUS
- EX XXXmm Ø
- EXISTING WATERMAIN

P1	16/04/25	LRD STAGE 3 PLANNING SUBMISSION	GB	EC
Amendments				
Project WOODTOWN, BALLYCULLEN				
Title PROPOSED WATERMAIN LAYOUT SHEET 1 OF 2				
Client LAGAN HOMES BALLYCULLEN LIMITED				
BLOCK S, EASTPOINT BUSINESS PARK, ALFIE BYRNE ROAD, DUBLIN D03 H3F4 IRELAND. Tel: (01) 864 8900 Email: info@waterman-moylan.ie www.waterman-moylan.ie				
Status PLANNING				
Designed By	EC	Approved	JG	Waterman Ref
Drawn By	GB	Date	APRIL 2025	24-007
Scales @ A1				1:500 @ A1
Project	Originator	Volume	Level	Type
BYCN- WM - 00	-XX-DR-	C	-P1300	P1

