



THIS DRAWING IS THE PROPERTY OF MWP ENGINEERING AND ENVIRONMENTAL CONSULTANTS. IT IS TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED. IT IS NOT TO BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF MWP ENGINEERING AND ENVIRONMENTAL CONSULTANTS. THE USER OF THIS DRAWING IS TO BE RESPONSIBLE FOR THE USE OF THIS DRAWING IN THE FIELD. THE DRAWING HAS BEEN PREPARED AND PROVIDED TO THE CLIENT.

DO NOT SCALE FROM THIS DRAWING.
USE FIGURED DIMENSIONS IN ALL CASES.
VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY.
THIS DRAWING TO BE READ IN CONJUNCTION WITH THE DESIGNERS SPECIFICATION.
© THIS DRAWING IS COPYRIGHT AND MAY ONLY BE REPRODUCED WITH THE DESIGNERS PERMISSION.

LEGEND:

	RED LINE BOUNDARY
	PROPOSED 110mm WATERMAIN
	PROPOSED BOUNDARY BOX LINE
	EXISTING 150mm WATERMAIN
	PROPOSED SLUCE VALVE IN ACCORDANCE WITH STD-W-15
	PROPOSED ONLINE HYDRANT IN ACCORDANCE WITH STD-W-18
	PROPOSED ONLINE AIR VALVE IN ACCORDANCE WITH STD-W-22
	PROPOSED WATER METER IN ACCORDANCE WITH STD-W-26
	PROPOSED BOUNDARY BOX

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 HDPE MATERIAL WITH TYPE PE100 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)

KEY PLAN
SCALE: NTS

1	05.08.26	ISSUED FOR INFORMATION	F.N.	I.B.
0	07.05.26	ISSUED FOR INFORMATION	F.N.	I.B.
REV	DATE	DESCRIPTION	BY	APP

PROJECT: KILLOWEN KENMARE LRD

TITLE: PROPOSED WATERMAIN LAYOUT SHEET 2

CLIENT:

ENGINEERING AND ENVIRONMENTAL CONSULTANTS
CORK | TRALEE | LONDON | LIMERICK
mwp.ie

DRAWN: F.N.	CHECKED: S.H.	APPROVED: I.B.
PROJECT NUMBER: 25631	DATE: MAY 2026	SCALE @ A1: 1:500
ACCEPTANCE CODE: S	PURPOSE OF ISSUE: ISSUED FOR INFORMATION	PURPOSE CODE: P1
DRAWING NUMBER: 25631-00-DTM-DR-MWP-CE-2106	REV: 1	