



Legend

- ⊕ BBxx Boundary Box
- Hyd Hydrant 6-46m from buildings
- AV Air Valve
- Wo Wash Out Hydrant
- SV Sluice Valve
- RG Road Gully
- Existing Watermain
- New Watermain
- Water Service Connection
- Site Boundary
- CP Connection Point

Cover Grades to EN124:
 Trafficked areas - D400
 Non-trafficked areas - C250
 Pedestrian areas - B125



Pipe Specifications:
Water Pipes:
 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 1, General, and Part 2, Pipes) and I.S. EN 12201-3 (Plastic Systems for Water Supply, Drainage and Sewerage Under Pressure – Part 3 Fittings). Joints shall be push in rubber ring joint. Thrust blocks shall be used in accordance to STD-W-28
 Depth of Cover:
 The desirable minimum depth of cover from the finished ground level to the external crown of a single premise Service Connection pipe shall be 750mm with an absolute minimum of 600mm for short distances (subject to Irish Water agreement). The desirable depth of cover at the Boundary Box should be 600mm +/- 25mm, with a maximum depth of 750mm.
 The minimum depth of cover from the finished ground level to the external crown of a Water Main shall be 900mm where the pipe is to be located in housing estate roads. A greater depth of cover and/or greater strength pipe and/or a higher class of bedding may be required where higher traffic loading is anticipated. Depths may be altered to avoid obstructions, including separation distances between other utility services. The desirable cover for a water main should be 1,200mm, where practicable and should not exceed 3.0m. The desirable maximum cover for service connection pipe should be 1,200mm, where practicable.

Site Boundaries Outlined in Red.

Refer to revision sheet for all amendment details

Client: Wrightwood Developments Ltd.		Project Title: New Development at, Ardshanavooley, Killarney	
Drwg Title: Water Layout (1)			
Drwn by: JON	Date: Sept 2025	chkd by: M.C	Date: Sept 2025
Job No: 91-24	Scale: 1:250	paper size: A1	Sheet: A
Rev	Date	General Revision	Drwn
A	17.12.25	Layout	JON MC
Issue for:	Planning		Drwg No: 91-24-1-805

6 PRIGORY GROVE,
 FAIR HILL,
 KILLARNEY,
 CO. KERRY
 TEL: 064 6631847
 EMAIL: matt@tpce.ie

teicniuil-priory
consulting engineers