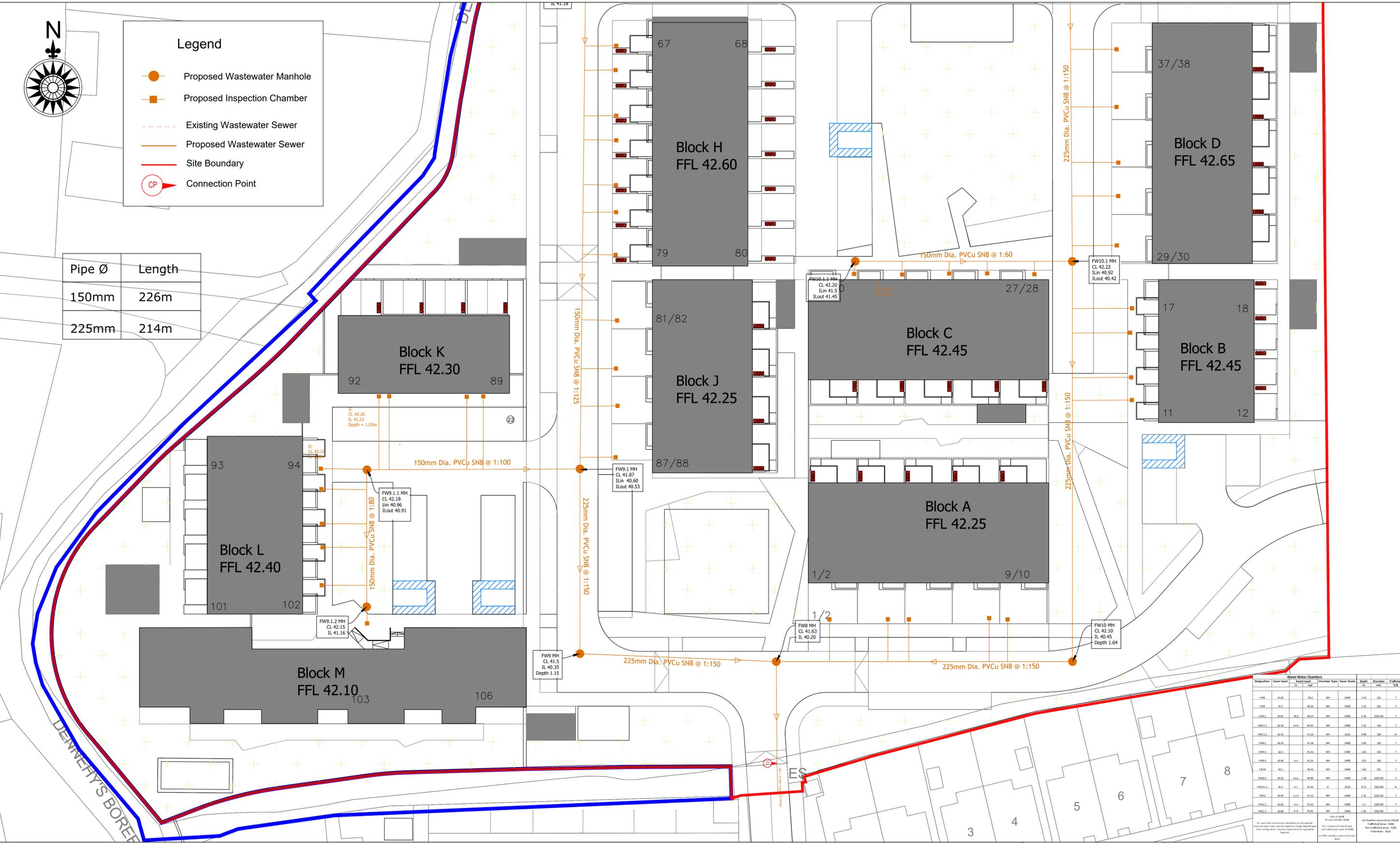




Legend

- Proposed Wastewater Manhole
- Proposed Inspection Chamber
- Existing Wastewater Sewer
- Proposed Wastewater Sewer
- Site Boundary
- CP Connection Point

Pipe Ø	Length
150mm	226m
225mm	214m



Waste Water Chambers									
Designation	Cover Level	Insert Level	Chamber Type	Cover Grade	Depth	Diameter	Trafficload		
	m	m			m	mm	N/A		
FW8	41.43	41.2	MH	D400	1.43	200	Y		
FW9	41.5	40.25	MH	D400	1.25	200	Y		
FW9.1	41.87	40.6	MH	D400	1.27	200	Y		
FW9.1.1	42.18	40.96	MH	D400	1.22	200	Y		
FW9.1.2	42.15	41.16	MH	D400	0.99	300	N		
FW9.2	42.23	41.18	MH	D400	1.05	200	Y		
FW9.3	42.4	41.25	MH	D400	1.15	300	Y		
FW9.4	42.50	41.4	MH	D400	1.10	300	Y		
FW9.5	42.5	41.45	MH	D400	1.05	200	Y		
FW9.6	42.22	40.94	MH	D400	1.28	200	Y		
FW9.7	42.2	41.1	IC	B125	0.75	200/200	N		
FW9.8	42.43	41.15	MH	D400	1.28	200	Y		
FW9.9	42.45	41.15	MH	D400	1.30	200	Y		
FW9.10	42.45	41.15	MH	D400	1.30	200	Y		
FW9.11	42.45	41.15	MH	D400	1.30	200	Y		
FW9.12	42.45	41.15	MH	D400	1.30	200	Y		

Pipe Specifications:

Wastewater Pipes:
 Unplasticised PVC: Unplasticised PVC pipes and fittings shall comply with the provisions IS EN 1401 2009/2012. Pipes to be application area code "UD". Stiffness Class 8kN/m2
 Provision for jetting shall be based on the WRC
 Sewer Jetting Code of Practice, June 1997. Pipes to be capable of resisting a maximum jetting pump pressure of 2,600psi (180 Bar) without damage.
 (Sewer diameters 150mm up to 450mm, Service Connections of 100mm diameter.)

Wastewater:
 Gravity Sewers and Rising Mains shall be designed in accordance with the requirements of BS 9295. As a general guide the, minimum depth of cover from the finished surface to the crown of pipework without protection should be as follows:

- Areas without any possibility of vehicular access - depth not less than 0.5 m;
- Driveways, parking areas and yards with height restrictions to prevent entry by vehicles with a gross vehicle weight in excess of 7.5 tonnes - depth not less than 0.75 m;
- Driveways, parking areas and narrow streets without footways (e.g. mews developments) with access for vehicles with a gross vehicle weight in excess of 7.5 tonnes - depth not less than 0.9 m;
- Agricultural land and public open space - depth not less than 0.9 m;
- Other roadways, highways and parking areas with unrestricted access to vehicles with a gross vehicle weight in excess of 7.5 tonnes - depth not less than 1.2 m.

The depth of cover to pipework can be reduced by the installation of concrete beds and surrounds.

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

Site Boundaries Outlined in Red.

- Legend**
- Existing Foul
 - New Foul
 - Pre-Cast Concrete Manhole
 - Boundary Inspection Chamber
 - RG Road Gully

Refer to revision sheet for all amendment details

Rev	Date	General Revision	Drwn	chkd
A	17.12.25	Layout	JON	MC

Client: Wrightwood Developments Ltd.

Project Title: New Development at, Ardshanavooley, Killarney

Drwg Title: Wastewater Layout (1)

Drwn by: JON	Date: Sept 2025
chkd by: M.C	Date: Sept 2025
Job No: 91-24	Scale: 1:250
Drwg No: 91-24-1-803	Sheet: Rev A

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