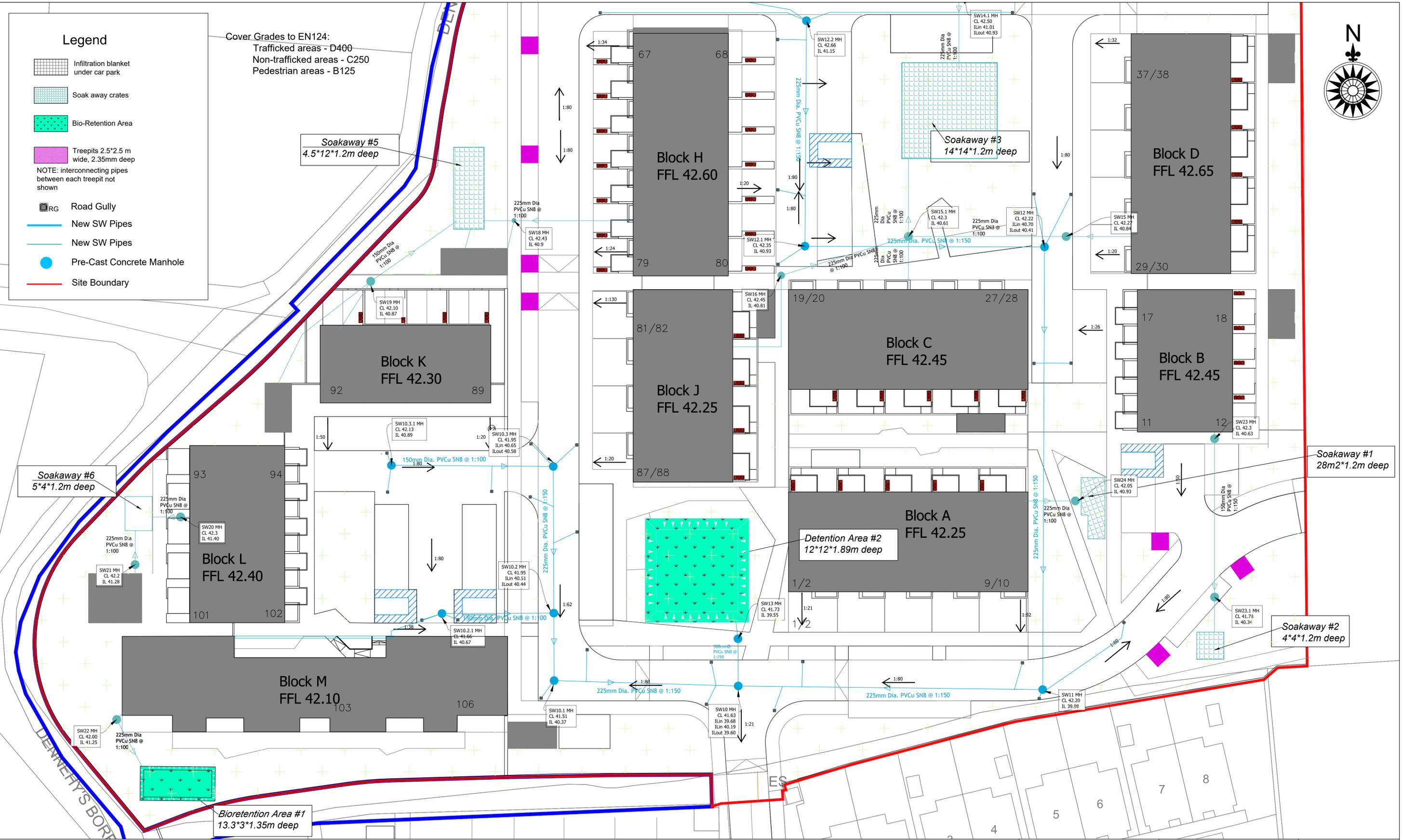




Legend

-  Infiltration blanket under car park
-  Soak away crates
-  Bio-Retention Area
-  Treepits 2.5*2.5 m wide, 2.35m deep
NOTE: interconnecting pipes between each treepit not shown
-  Road Gully
-  New SW Pipes
-  New SW Pipes
-  Pre-Cast Concrete Manhole
-  Site Boundary

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



Pipe Specifications:
 Surfacewater 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).

Surfacewater:
 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.

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: Surfacewater Layout (1)	
Drwn by: JON	Date: Sept 2025		
chkd by: M.C	Date: Sept 2025		
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Rev	Date	General Revision	Drwn chkd
Issue for: Planning			

