



Overview of a hand welded membrane lap in plot 25.



Probe testing a hand welded membrane lap in plot 25.



Probe testing a steel stanchion detail in plot 25.



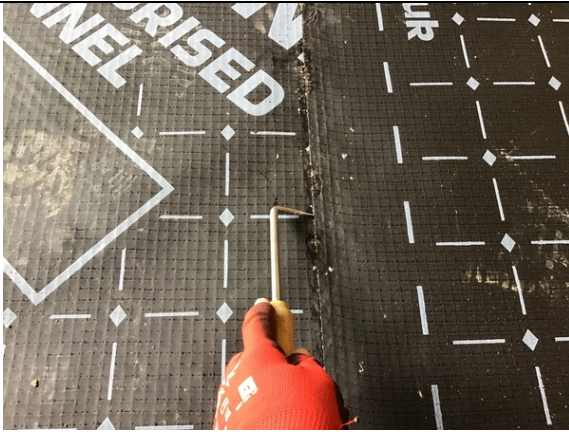
Patch repair detailing in plot 25 that was completed by mb membranes prior to our inspection.



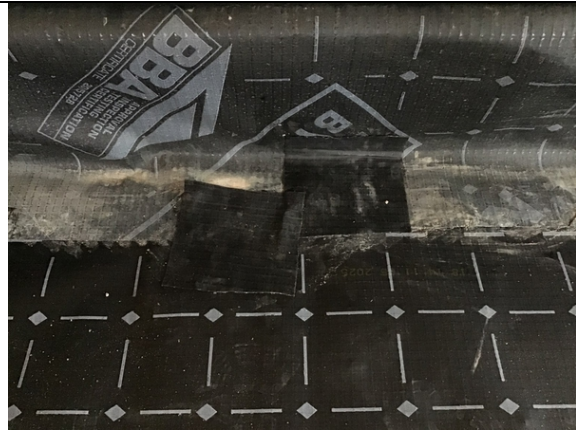
Typical pipe penetration detailing in plot 25.



Probe testing a pipe penetration detail in plot 26.



Probe testing a hand welded membrane lap in plot 26.



Patch repair detailing completed by mb membranes prior to our inspection in plot 26.

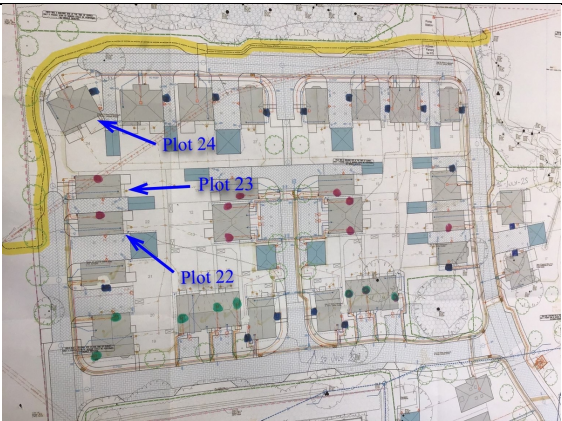


Pipe penetration detailing in plot 26.

Housebuilder Name: Elivia Homes - The Woodlands.			Date: 13/11/2025
Site Name: Reeds Lane, Sayers Common.			Weather: 15 °C Dry
			Installer: MB Membranes
Postcode: BN6 9JG		Surveyor: Adam McDermott (TGPV)	
Plot Number	Building Type	Extent of Inspection	Result
22,23 & 24.	Detached.	Infill	Pass
(Section 1, Materials and Method of Seal)			
Gas Membrane Name: Juta GP1 Gas Membrane & Juta GP1 SAM.			
Corner Seal Method: Corners have been sealed using strips of self-adhesive gas membrane, this is an approved and recognised method in CIRIA C735			
Service Entry Seal Method: The external of the pipe/ducts have been sealed using strips of self-adhesive gas membrane, this is an approved and recognised method in CIRIA C735			
Annulus to Water Pipe Duct: The annulus of pipe duct has not been sealed at the time of our inspection, this will require sealing to an approved method, this is outside the remit of the result of todays inspection			
Door Threshold Seal Method: Door Thresholds have been sealed using strips of self-adhesive gas membrane, this is an approved and recognised method in CIRIA C735			
Cavity Vent Seal Method: The cavity vents sit below the membrane that seals the cavity and do not require a specialist seal			
Material Jointing Method: The membrane has been overlapped sufficiently to achieve a sound joint, the joint is clean and dry and has been joined by means of hand welding with a hot air gun and neoprene roller, the width of the welded joint is a minimum of 30mm.			
Others Please List: Stanchion detailing.			
(Section 2, Testing and Inspection Method)			
Leak/Hole Detection	MEC Environmental Ltd carried out a thorough Visual Inspection to the available area at the time of our inspection		
Joint Testing	The surveyor carried out Probe testing as per the method prescribed in ASTM D4437 to all detailing work, detailing work is defined as any part of the installation that includes a joint in the membrane, this includes but is not limited to pipes/ducts, stanchions, wind posts, braces, field seams, masonry abutments, tanking, door thresholds and the like		
Plot Number	(Section 3, Defects List)		Action Required
22,23 & 24.	No Defects recorded at the time of our inspection, however MB Membranes carried out there own CQA repairs prior to our inspection.		N/A

Signed: Adam McDermott (TGPV) Date: 13/11/2025		

Plot Overview Photographs

	
Marked up site plan.	A general overview of detached plot 22.
	
Plot 22 infill installation overview.	Plot 22 infill installation overview.