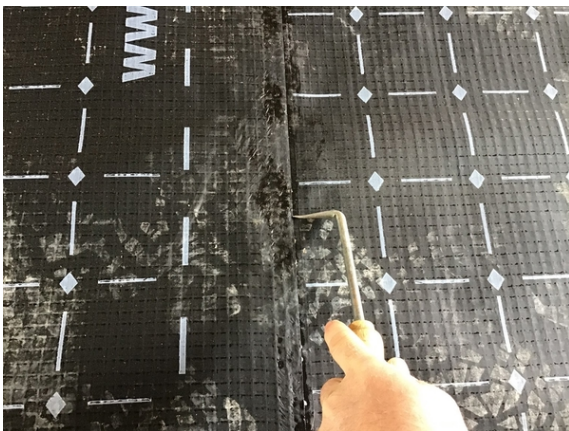




Overview of the infilled membrane in plot 16.



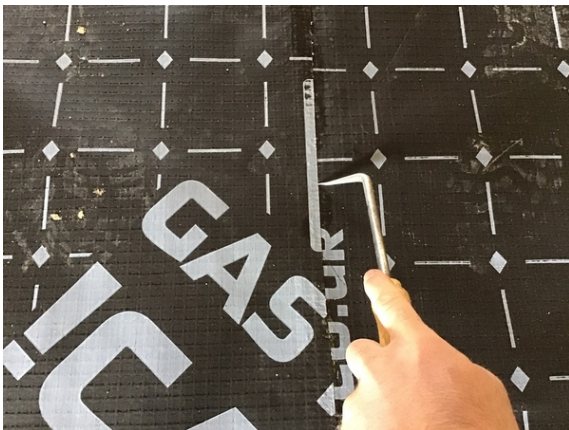
Typical pipe penetration detailing in plot 17.



Probe testing all hand welded membrane laps in plot 17.



Probe testing all pipe penetration detailing in plot 17.



Probe testing all hand welded membrane laps in plot 18.



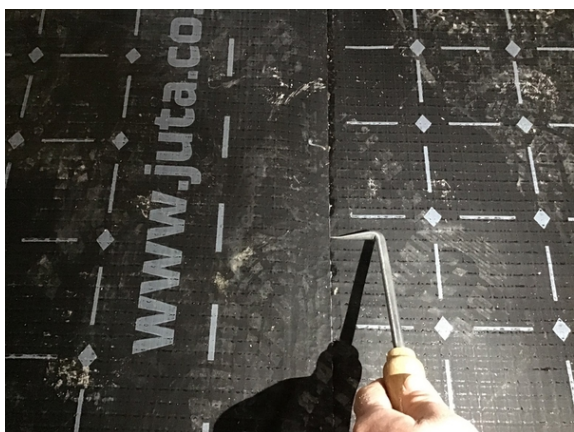
Typical double pipe penetration detailing in plot 18.



Overview of the infilled membrane to the room at the rear of plot 18.



Probe testing all pipe penetration detailing in plot 38.



Probe testing all hand welded membrane laps in plot 38.



Typical pipe penetration detailing in plot 38.



The outer brickwork was not in place to all plots noted above at the time of our inspection.

Housebuilder Name: Elivia Homes - The Woodlands.			Date: 21/03/2025
Site Name: Reeds Lane, Sayers Common.			Weather: 14 °C Dry
			Installer: MB Membranes
Postcode: BN6 9JG.		Surveyor: Adam McDermott (TGPV)	
Plot Number	Building Type	Extent of Inspection	Result
16,17 & 18.	Terrace.	Miscelanoues Repairs (See section 3 Defects section for details of completed repairs	Pass
6 & 7.	Maisonette.	Perimeter Only	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: Not Applicable			
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: N/A.			
(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
6,7,16,17 & 18.	During our last inspection it was noted that the outer brickwork was not in place. The outer brickwork has now been done to which the perimeter		N/A

	membrane didn't span the entire cavity, MB Membranes have now extended the Juta GP1 gas membrane so that it now correctly spans the cavity to terrace plots 16,17,18. Note: the outer brickwork was not in place at the time of our inspection in plots 6 & 7, therefore MEC were unable to obtain evidence of the membrane spanning the cavity. All plots are built on concrete raft foundations therefore the plots do not acquire air bricks. I was unable to obtain any photographic evidence of the Juta GP1 gas membrane & the Juta GP1 SAM during today's inspection.	
Signed: Adam McDermott (TGPV) Date: 21/03/2025		

Plot Overview Photographs



Marked up site plan.



A general overview of terrace plots 16,17 & 18.