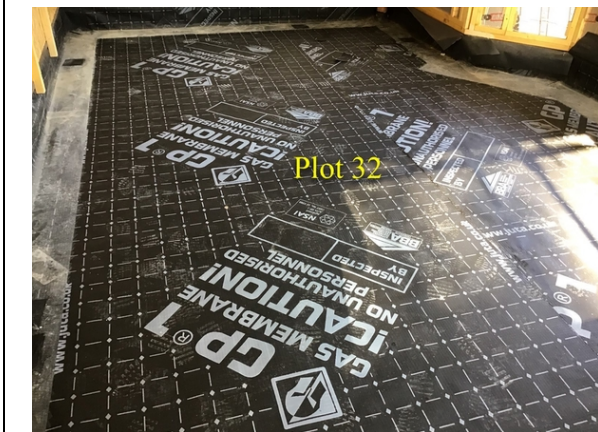




Overview of the Juta GP1 Gas Membrane that has been installed as an infill to plot 31.



A general overview of plot 32.



Overview of the Juta GP1 Gas Membrane that has been installed as an infill to plot 32.



Overview of the Juta GP1 Gas Membrane that has been installed as an infill to plot 32.

Detailing Sample Photographs



Probe testing a typical hand welded membrane lap in plot 14.



Probe testing a typical pipe penetration detail in plot 14.



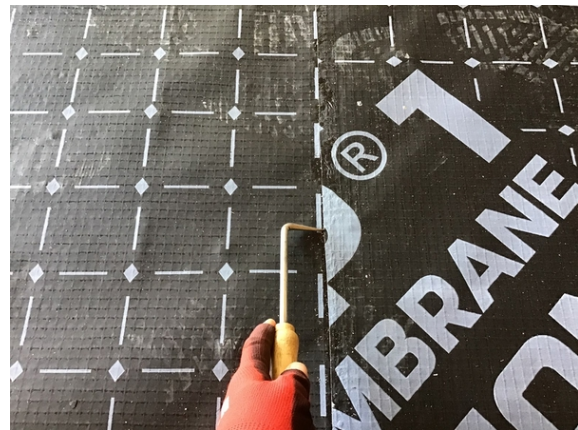
Patch repairs that were carried out by mb membranes prior to our inspection in plot 14.



Probe testing a typical hand welded membrane lap in plot 29.



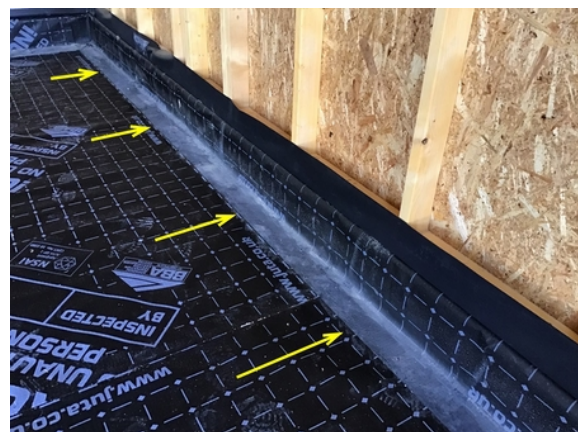
Pipe penetration detailing in plot 29.



Probe testing a hand welded membrane lap in plot 30.



Typical pipe penetration detailing in plot 30.



Overview of the extended membrane previously installed around the perimeter in plot 30.



Probe testing a typical hand welded membrane lap in plot 31.



Patch repair using Juta GP1 SAM a that was completed by mb membranes prior to our inspection in plot 31.



Probe testing a typical pipe penetration detail in plot 31.



Probe testing a hand welded membrane lap in plot 32.



Door threshold detailing in plot 32.

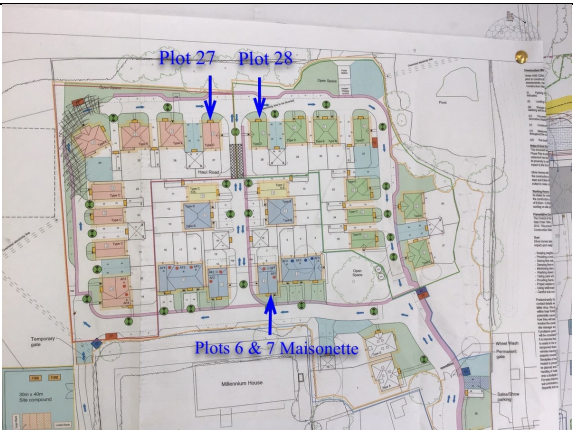


Pipe penetration detailing in plot 32.

Housebuilder Name: Elivia Homes - The Woodlands.		Date: 12/09/2025	
Site Name: Reeds Lane, Sayers Common.		Weather: 18 °C Showers	
		Installer: MB Membranes	
Postcode: BN6 9JG.		Surveyor: Adam McDermott (TGPV)	
Plot Number	Building Type	Extent of Inspection	Result
6 & 7.	Detached Maisonette.	Infill	Pass
27 & 28	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: 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
6,7,27 & 28.	No defects recorded at the time of our inspection. All house plots noted above are built on raft foundations and therefore have no air bricks in place. At the time of the inspection the external brickwork was not in place.		N/A

	Therefore MEC was unable to confirm the cavity closure with the membrane, however the installers have left enough membrane extended to close the cavity once the brickwork is in place. MEC advises that site and/or the installers take photographic evidence of this detail once complete.	
Signed: Adam McDermott (TGPV) Date: 12/09/2025		

Plot Overview Photographs



Marked up site plan.



A general overview of plot 27.



Overview of the Juta GP1 Gas Membrane that has been installed as an infill to plot 27.



Overview of the Juta GP1 Gas Membrane that has been installed as an infill to plot 27.