

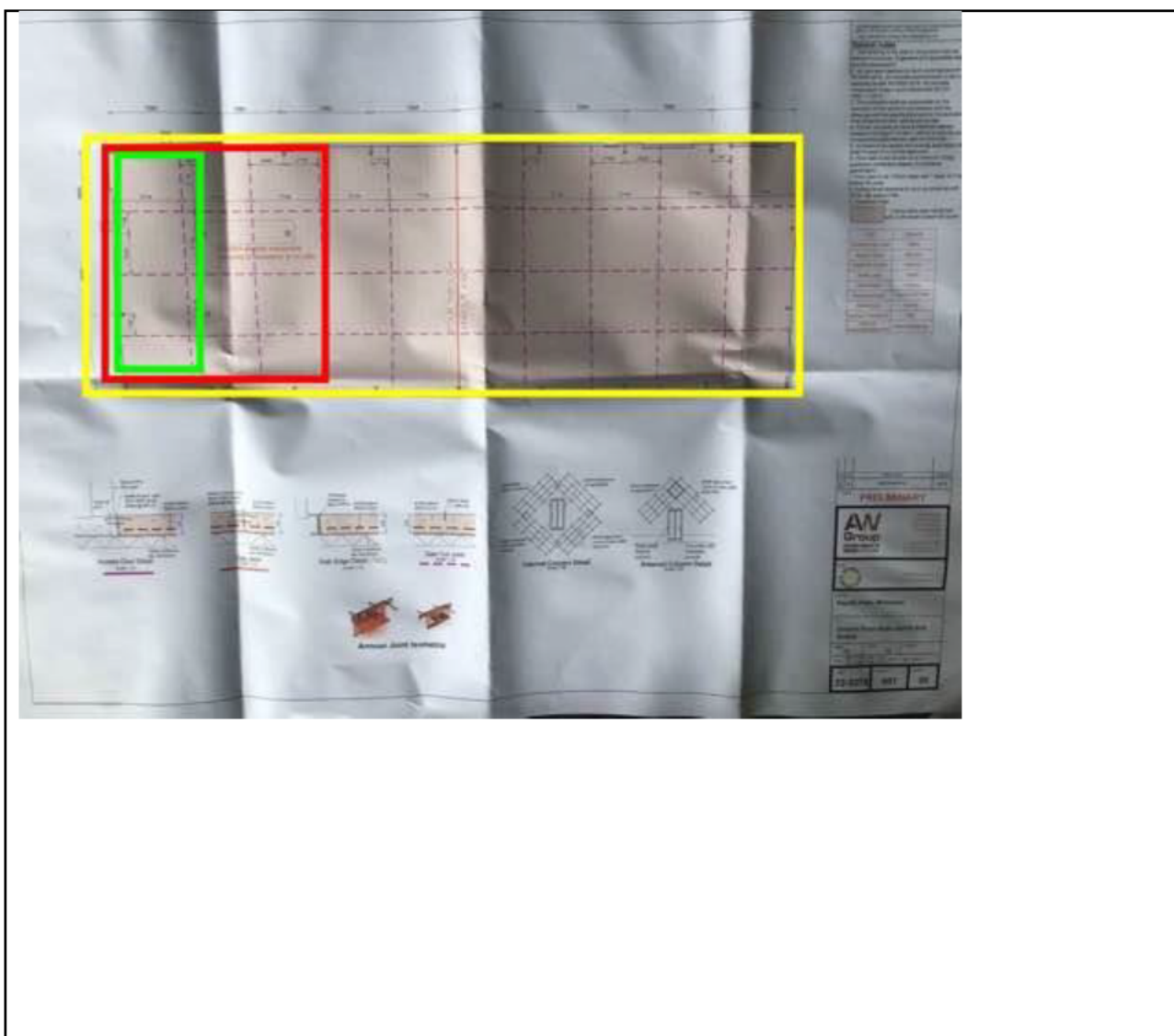


Photo 19/05/2022



Unit 2 concrete pour

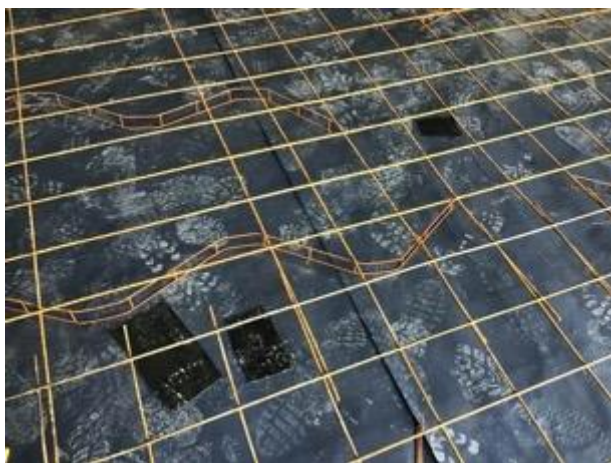
Damages caused by driving on the membrane



Laser screed on top of mesh / membrane



Lorry reversing on the membrane



Patch repairs made following damage by steel mesh



Sub grade prior to membrane installation



Sub grade prior to membrane installation



Unit 2 membrane installation



Sealed stanchion detail



Sealed pipe penetration



Sealed tape joint



Tool thrown and damaged membrane



Tool dropped and damaged membrane

Site name: Portal Cons Pacific Park Bridge Rd, North Wrexham		Units/ plots checked: Full footprint (excluding office) Unit 1	
Postcode: LL13 9PN			
Installers Name [REDACTED]			
Date: 10/06/2022			
Inspection by: [REDACTED]		Weather: 15°C Fine	
Item	Comments		
Sub-floor void	N/a		
Ventilation Inlets and Outlets			
Number Of Vents	N/a		
Materials used:	Membrane – ACS Standard gas barrier		
	Self-Adhesive Membrane ☒ Yes	Preformed Top hats ☐ Yes	
	Double Sided Butyl Tape ☒ Yes	Preformed Corners ☐ Yes	
	Others Please List: N/a		
Installation Notes	<u>(brief description of area/plots and list of defects/repairs identified to the main membrane sheet, excluding detailing and joints)</u> MEC Environmental carried out a thorough visual inspection of the membrane, the membrane had been installed to a good standard to the full footprint of the building , all stanchions have been sealed with self adhesive gas membrane and all joints have been made with double sided butyl tape.		
Type of Joint	Tape Joint ☒	Auto Weld ☐	Hand Weld ☐ Extrusion Weld ☐
Jointing/Detailing Testing	☐ Air Lance (ASTM D4437)		☒ Probe Test (ASTM D4437)
Laps, welds and detailing Ventilation Inlets & Outlets	Have all joints passed testing prior to surveyor leaving site?	☒ Yes	☐ No ☐ N/A
	Have all pipes passed testing prior to surveyor leaving site?	☒ Yes	☐ No ☐ N/A
	Have all stanchions/wind braces/columns passed testing prior to surveyor leaving site?	☒ Yes	☐ No ☐ N/A
	Have all piles and pile caps passed testing prior to surveyor leaving site?	☐ Yes	☐ No ☒ N/A
	Has all other detailing work passed inspection	☒ Yes	☐ No ☐ N/A

	<u>(List any defects to detailing work and joints):</u> During our inspection the following defects were recorded Have any defects identified above been satisfactorily rectified ☐ Yes ☒ No ☐ N/A The Area has passed inspection ☐ The Area has failed inspection and a corrective action sheet has been left with the contractor ☐ The Area is incomplete as detailed above ☒ Signed: [REDACTED] Date: 10/06/2022
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Photo 10/06/2022





General overview



General overview



Stanchion seal



Manhole seal

Site name: Portal Cons Pacific Park Bridge Rd, North Wrexham		Units/ plots checked: Full footprint Unit 2	
Postcode: LL13 9PN			
Installers Name: [REDACTED]			
Date: 10/06/2022			
Inspection by: [REDACTED]		Weather: 15°C Fine	
	Item	Comments	
	Sub-floor void	N/a	
	Ventilation Inlets and Outlets		
	Number Of Vents	N/a	
Materials used:	Membrane – ACS Standard gas barrier		
	Self-Adhesive Membrane ☒ Yes	Preformed Top hats ☐ Yes	
	Double Sided Butyl Tape ☒ Yes	Preformed Corners ☐ Yes	
	Others Please List: N/a		
Installation Notes	<u>(brief description of area/plots and list of defects/repairs identified to the main membrane sheet, excluding detailing and joints)</u> MEC Environmental carried out a thorough visual inspection of the membrane, the membrane had been installed to a good standard to the full footprint of the building, all stanchions have been sealed with self adhesive gas membrane and all joints have been made with double sided butyl tape.		
Type of Joint	Tape Joint ☒	Auto Weld ☐	Hand Weld ☐ Extrusion Weld ☐
Jointing/Detailing Testing	☐ Air Lance (ASTM D4437)		☒ Probe Test (ASTM D4437)
Laps, welds and detailing Ventilation Inlets & Outlets	Have all joints passed testing prior to surveyor leaving site?	☒ Yes	☐ No ☐ N/A
	Have all pipes passed testing prior to surveyor leaving site?	☒ Yes	☐ No ☐ N/A
	Have all stanchions/wind braces/columns passed testing prior to surveyor leaving site?	☒ Yes	☐ No ☐ N/A
	Have all piles and pile caps passed testing prior to surveyor leaving site?	☐ Yes	☐ No ☒ N/A
	Has all other detailing work passed inspection	☒ Yes	☐ No ☐ N/A

(List any defects to detailing work and joints):

During our inspection the following defects were recorded

1) install membrane to 4m x 2m area where steel reinforcement has been stored and provide photographic evidence that this has been done

Have any defects identified above been satisfactorily rectified ☐ Yes ☒ No ☐ N/A

The Area has passed inspection ☐

The Area has failed inspection and a corrective action sheet has been left with the contractor ☐

The Area is incomplete as detailed above ☒

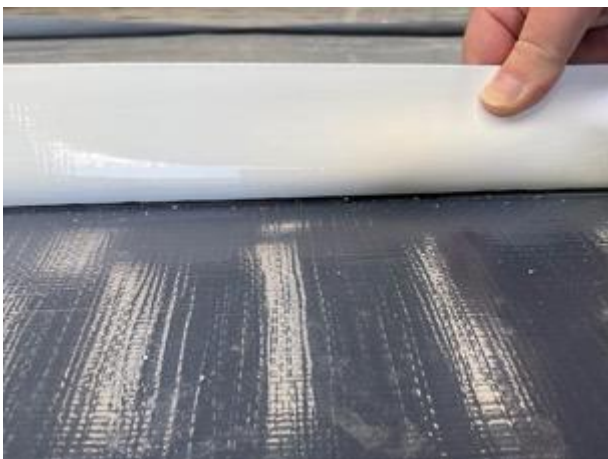
Signed: **Michael Corban**

Date: **10/06/2022**

Photo 10/06/2022



General overview



Double sided tape to joint



General overview opposite direction



Sealed stanchion