



+44 (0) 161 834 1938

www.edgece.com

3rd Floor, Conavon Court, 12 Blackfriars Street
Manchester M3 5BQ, United Kingdom

Document name: 211196-EDGE-XX-XX-RP-G-0001_GAS PROTECTION VALIDATION RECORD_PLOT 89 VISIT 1 [P01]

GAS PROTECTION VALIDATION RECORD FOR PLOT 89 VISIT 1, 211196 – SCHOOL STREET, RADCLIFFE

Prepared for:
Seddon Construction Limited
Plodder Lane
Bolton
BL4 0NN

Revision	Date	Description	Prepared by	Checked by	Approved by
R01	14/11/2025	Gas Protection Validation	JC	AJB	AJB

*Alliance Design UK Ltd t/a EDGE Consulting Engineers
Registered in England and Wales: 05586079
Registered Office: C/O Williamson & Croft York House, 20 York Street, Manchester, England, M2 3BB*

One record sheet to be completed for each plot inspected by a suitably qualified independent consultant/engineer

Job No	211196	Design/specification ref	211196-EDGE-XX-XX-RP-G-0006_DET_REM_STRAT [P04]		
Site Name	School Street, Radcliffe	Building use	Residential		
Plot No	89	Building description	Detached		
Compiled By	JC	Gas protection type	Passive	Foundation type	Suspended floor, beam and block

Ventilated sub floor (if present)	Inspection date/type:	21 st May 2025	Inspected by	JC	Photographed	Yes
--	------------------------------	---------------------------	---------------------	----	---------------------	-----

		Notes/comments (see guide notes below)
Void former type	Y/N	1. Ok, as per design.
Height of void space	Y/N	2. > 150 mm as per design.
Gravel type	Y/N	3. N/A
Pipe size and spacing	Y/N	4. Ok
External wall air bricks	Y/N	5. Air bricks as per design, clear and free of any blockages.
Internal sleeper walls	Y/N	6. Ok
External vent trenches/ducts	Y/N	7. N/A

Gas barrier	Inspection date/type:	21 st May 2025	Inspected by	JC	Photographed	Yes
--------------------	------------------------------	---------------------------	---------------------	----	---------------------	-----

		Notes/comments (see guide notes below)
Membrane type	Y/N	8. ITP POWERBASE MULTIGAS MEMBRANE MG 500
Extent of coverage	Y/N	9. Complete ground floor
Underside of membrane	Y/N	10. Good condition
Slab/membrane condition	Y/N	11. Ok
Laps and joints	Y/N	12. Joints lapped correctly
Damp-proof membrane	Y/N	13. Ok
Service entries and seals	Y/N	14. Ok
Cavity inspection	Y/N	15. Unable to see cavity although membrane clearly spans cavity and jointed to main membrane.

Guide notes

1.	Void former height	Proprietary type – manufacturer and specification, in accordance with design? Installed properly without damage
2.	Height of void space	Height of proprietary former of constructed ventilated space below suspended floor – note any debris on void/obstructions to air flow, note formation surface soil type (e.g. crushed concrete/brick), evidence of flooding
3.	Gravel type	Gravel type if used (limestone/granite etc) and any specification (e.g. 6F2), typical particle dimensions (mm), apparent fines content (low/high), compaction (loose/dense), waterlogging/contamination by clay, organic matter, other debris. Take photographs of stockpile or check details on delivery notes. Check depth of stone conforms to at least 300 mm if visible
4.	Pipe size and spacing	Diameter in mm; material type (e.g. PVC); slotted or perforated; positioning and spacing/separation and jointing as on design drawing – if not sketch arrangement – do pipes connect with external (telescopic/swan neck) vents? Take photographs of vents on external walls for each plot.
5.	External wall airbricks	Check numbers, size, and positions as design drawing – check for blockage e.g. mortar, soil, paving's etc
6.	Internal wall airbricks	Check ventilation holes e.g. honeycomb brickwork or pipe crossings – note size, spacing and location
7.	External vent trenches/ducts	Check whether located and constructed in accordance with design drawings; if open-topped gravel, note gravel type and presence of fines/contamination; if pipe or other vents – check positions and construction for functionality and absence of blockages – vents may be built over
8.	Membrane type	Note manufacturer and product specification, including batch/roll numbers if present – in accordance with specification? Check stock storage arrangements – protected from dirt and damage
9.	Extent of coverage	If membrane cover is incomplete, then further inspection will be required – note areas completed/incomplete – is membrane fully visible or have internal walls been constructed over membrane/screed placed?
10.	Underside of membrane	Where necessary, for example, when using a granular blanket as a ventilation layer, check the underside of the membrane has adequate protection e.g. minimum 50 mm no fines concrete blinding layer or appropriate geo-textile
11.	Slab/membrane condition	Record presence of ducts/rough surfaces, in particular sharp projections, below or above membrane; record locations of all punctures or repairs, note arrangements to protect membrane surface from traffic/tools and equipment/materials and temporary weighting down of membrane e.g. use of boards. Take photographs of each plot inspected.
12.	Laps and joints	Check that all joints are lapped and sealed in accordance with manufacturer's requirements/specification, particular where creases/folds are present (usually minimum 150 mm laps with double-sided tape between sheets and single sided tape on top surface; note size of sheets and frequency of edge seals). Take photographs of jointing for each plot
13.	Damp-proof course	Record DPC manufacturer and product code – usually integrated with the membrane; measure the DPC projection from external wall in mm; check laps and seals between membrane and DPC – note any potential stress points and tension between the two; check for damage to DPC

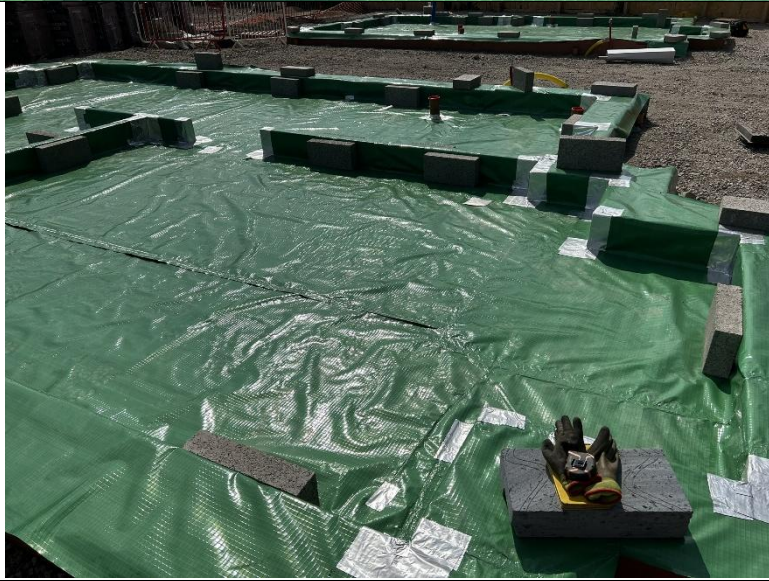
14.	Service entries and seals	Check top hat seal arrangement in accordance with design/specification (laps and seals between top hat and floor membrane, pipe upstand is usually a minimum 150 mm) check. Take photographs for all plots inspected
15.	Cavity inspection	Check gas membrane or gas resistant DPC is taken across cavity. Check for rips across cavity. Check for jointing detail of gas resistant DPC or membrane across cavity to main membrane. Take photographs for all plots inspected

This plot has PASSED inspection.

(any proposed remedial works should be noted in the 'Notes/comments' column of this form)

An additional inspection IS NOT required for this plot.

A selection of photographs are presented overleaf, the full set can be provided upon request.





+44 (0) 161 834 1938

www.edgece.com

3rd Floor, Conavon Court, 12 Blackfriars Street
Manchester M3 5BQ, United Kingdom

Document name: 211196-EDGE-XX-XX-RP-G-0001_GAS PROTECTION VALIDATION RECORD_PLOT 90 VISIT 1 [P01]

GAS PROTECTION VALIDATION RECORD FOR PLOT 90 VISIT 1, 211196 – SCHOOL STREET, RADCLIFFE

Prepared for:
Seddon Construction Limited
Plodder Lane
Bolton
BL4 0NN

Revision	Date	Description	Prepared by	Checked by	Approved by
R01	14/11/2025	Gas Protection Validation	JC	AJB	AJB

Alliance Design UK Ltd t/a EDGE Consulting Engineers
Registered in England and Wales: 05586079
Registered Office: C/O Williamson & Croft York House, 20 York Street, Manchester, England, M2 3BB

One record sheet to be completed for each plot inspected by a suitably qualified independent consultant/engineer

Job No	211196	Design/specification ref	211196-EDGE-XX-XX-RP-G-0006_DET_REM_STRAT [P04]		
Site Name	School Street, Radcliffe	Building use	Residential		
Plot No	90	Building description	Detached		
Compiled By	JC	Gas protection type	Passive	Foundation type	Suspended floor, beam and block

Ventilated sub floor (if present)	Inspection date/type:	21 st May 2025	Inspected by	JC	Photographed	Yes
--	------------------------------	---------------------------	---------------------	----	---------------------	-----

		Notes/comments (see guide notes below)
Void former type	Y/N	1. Ok, as per design.
Height of void space	Y/N	2. > 150 mm as per design.
Gravel type	Y/N	3. N/A
Pipe size and spacing	Y/N	4. Ok
External wall air bricks	Y/N	5. Air bricks as per design, clear and free of any blockages.
Internal sleeper walls	Y/N	6. Ok
External vent trenches/ducts	Y/N	7. N/A

Gas barrier	Inspection date/type:	21 st May 2025	Inspected by	JC	Photographed	Yes
--------------------	------------------------------	---------------------------	---------------------	----	---------------------	-----

		Notes/comments (see guide notes below)
Membrane type	Y/N	8. ITP POWERBASE MULTIGAS MEMBRANE MG 500
Extent of coverage	Y/N	9. Complete ground floor
Underside of membrane	Y/N	10. Good condition
Slab/membrane condition	Y/N	11. Ok
Laps and joints	Y/N	12. Joints lapped correctly
Damp-proof membrane	Y/N	13. Ok
Service entries and seals	Y/N	14. Ok
Cavity inspection	Y/N	15. Unable to see cavity although membrane clearly spans cavity and jointed to main membrane.

Guide notes

1.	Void former height	Proprietary type – manufacturer and specification, in accordance with design? Installed properly without damage
2.	Height of void space	Height of proprietary former of constructed ventilated space below suspended floor – note any debris on void/obstructions to air flow, note formation surface soil type (e.g. crushed concrete/brick), evidence of flooding
3.	Gravel type	Gravel type if used (limestone/granite etc) and any specification (e.g. 6F2), typical particle dimensions (mm), apparent fines content (low/high), compaction (loose/dense), waterlogging/contamination by clay, organic matter, other debris. Take photographs of stockpile or check details on delivery notes. Check depth of stone conforms to at least 300 mm if visible
4.	Pipe size and spacing	Diameter in mm; material type (e.g. PVC); slotted or perforated; positioning and spacing/separation and jointing as on design drawing – if not sketch arrangement – do pipes connect with external (telescopic/swan neck) vents? Take photographs of vents on external walls for each plot.
5.	External wall airbricks	Check numbers, size, and positions as design drawing – check for blockage e.g. mortar, soil, paving's etc
6.	Internal wall airbricks	Check ventilation holes e.g. honeycomb brickwork or pipe crossings – note size, spacing and location
7.	External vent trenches/ducts	Check whether located and constructed in accordance with design drawings; if open-topped gravel, note gravel type and presence of fines/contamination; if pipe or other vents – check positions and construction for functionality and absence of blockages – vents may be built over
8.	Membrane type	Note manufacturer and product specification, including batch/roll numbers if present – in accordance with specification? Check stock storage arrangements – protected from dirt and damage
9.	Extent of coverage	If membrane cover is incomplete, then further inspection will be required – note areas completed/incomplete – is membrane fully visible or have internal walls been constructed over membrane/screed placed?
10.	Underside of membrane	Where necessary, for example, when using a granular blanket as a ventilation layer, check the underside of the membrane has adequate protection e.g. minimum 50 mm no fines concrete blinding layer or appropriate geo-textile
11.	Slab/membrane condition	Record presence of ducts/rough surfaces, in particular sharp projections, below or above membrane; record locations of all punctures or repairs, note arrangements to protect membrane surface from traffic/tools and equipment/materials and temporary weighting down of membrane e.g. use of boards. Take photographs of each plot inspected.
12.	Laps and joints	Check that all joints are lapped and sealed in accordance with manufacturer's requirements/specification, particular where creases/folds are present (usually minimum 150 mm laps with double-sided tape between sheets and single sided tape on top surface; note size of sheets and frequency of edge seals). Take photographs of jointing for each plot
13.	Damp-proof course	Record DPC manufacturer and product code – usually integrated with the membrane; measure the DPC projection from external wall in mm; check laps and seals between membrane and DPC – note any potential stress points and tension between the two; check for damage to DPC

14.	Service entries and seals	Check top hat seal arrangement in accordance with design/specification (laps and seals between top hat and floor membrane, pipe upstand is usually a minimum 150 mm) check. Take photographs for all plots inspected
15.	Cavity inspection	Check gas membrane or gas resistant DPC is taken across cavity. Check for rips across cavity. Check for jointing detail of gas resistant DPC or membrane across cavity to main membrane. Take photographs for all plots inspected

This plot has PASSED inspection.

(any proposed remedial works should be noted in the 'Notes/comments' column of this form)

An additional inspection IS NOT required for this plot.

A selection of photographs are presented overleaf, the full set can be provided upon request.





+44 (0) 161 834 1938

www.edgece.com

3rd Floor, Conavon Court, 12 Blackfriars Street
Manchester M3 5BQ, United Kingdom

Document name: 211196-EDGE-XX-XX-RP-G-0001_GAS PROTECTION VALIDATION RECORD_PLOT 88 VISIT 1 [P01]

GAS PROTECTION VALIDATION RECORD FOR PLOT 88 VISIT 1, 211196 – SCHOOL STREET, RADCLIFFE

Prepared for:
Seddon Construction Limited
Plodder Lane
Bolton
BL4 0NN

Revision	Date	Description	Prepared by	Checked by	Approved by
R01	14/11/2025	Gas Protection Validation	JC	CR	CR

*Alliance Design UK Ltd t/a EDGE Consulting Engineers
Registered in England and Wales: 05586079
Registered Office: C/O Williamson & Croft York House, 20 York Street, Manchester, England, M2 3BB*

One record sheet to be completed for each plot inspected by a suitably qualified independent consultant/engineer

Job No	211196	Design/specification ref	211196-EDGE-XX-XX-RP-G-0006_DET_REM_STRAT [P04]		
Site Name	School Street, Radcliffe	Building use	Residential		
Plot No	88	Building description	Detached		
Compiled By	JC	Gas protection type	Passive	Foundation type	Suspended floor, beam and block

Ventilated sub floor (if present)	Inspection date/type:	21 st May 2025	Inspected by	JC	Photographed	Yes
--	------------------------------	---------------------------	---------------------	----	---------------------	-----

		Notes/comments (see guide notes below)
Void former type	Y/N	1. Ok, as per design.
Height of void space	Y/N	2. > 150 mm as per design.
Gravel type	Y/N	3. N/A
Pipe size and spacing	Y/N	4. Ok
External wall air bricks	Y/N	5. Air bricks as per design, clear and free of any blockages.
Internal sleeper walls	Y/N	6. Ok
External vent trenches/ducts	Y/N	7. N/A

Gas barrier	Inspection date/type:	21 st May 2025	Inspected by	JC	Photographed	Yes
--------------------	------------------------------	---------------------------	---------------------	----	---------------------	-----

		Notes/comments (see guide notes below)
Membrane type	Y/N	8. ITP POWERBASE MULTIGAS MEMBRANE MG 500
Extent of coverage	Y/N	9. Complete ground floor
Underside of membrane	Y/N	10. Good condition
Slab/membrane condition	Y/N	11. Small hole identified on west side of plot, patched immediately.
Laps and joints	Y/N	12. Joints lapped correctly
Damp-proof membrane	Y/N	13. Ok
Service entries and seals	Y/N	14. Ok
Cavity inspection	Y/N	15. Unable to see cavity although membrane clearly spans cavity and jointed to main membrane.

Guide notes

1.	Void former height	Proprietary type – manufacturer and specification, in accordance with design? Installed property without damage
2.	Height of void space	Height of proprietary former of constructed ventilated space below suspended floor – note any debris on void/obstructions to air flow, note formation surface soil type (e.g. crushed concrete/brick), evidence of flooding
3.	Gravel type	Gravel type if used (limestone/granite etc) and any specification (e.g. 6F2), typical particle dimensions (mm), apparent fines content (low/high), compaction (loose/dense), waterlogging/contamination by clay, organic matter, other debris. Take photographs of stockpile or check details on delivery notes. Check depth of stone conforms to at least 300 mm if visible
4.	Pipe size and spacing	Diameter in mm; material type (e.g. PVC); slotted or perforated; positioning and spacing/separation and jointing as on design drawing – if not sketch arrangement – do pipes connect with external (telescopic/swan neck) vents? Take photographs of vents on external walls for each plot.
5.	External wall airbricks	Check numbers, size, and positions as design drawing – check for blockage e.g. mortar, soil, paving's etc
6.	Internal wall airbricks	Check ventilation holes e.g. honeycomb brickwork or pipe crossings – note size, spacing and location
7.	External vent trenches/ducts	Check whether located and constructed in accordance with design drawings; if open-topped gravel, note gravel type and presence of fines/contamination; if pipe or other vents – check positions and construction for functionality and absence of blockages – vents may be built over
8.	Membrane type	Note manufacturer and product specification, including batch/roll numbers if present – in accordance with specification? Check stock storage arrangements – protected from dirt and damage
9.	Extent of coverage	If membrane cover is incomplete, then further inspection will be required – note areas completed/incomplete – is membrane fully visible or have internal walls been constructed over membrane/screed placed?
10.	Underside of membrane	Where necessary, for example, when using a granular blanket as a ventilation layer, check the underside of the membrane has adequate protection e.g. minimum 50 mm no fines concrete blinding layer or appropriate geo-textile
11.	Slab/membrane condition	Record presence of ducts/rough surfaces, in particular sharp projections, below or above membrane; record locations of all punctures or repairs, note arrangements to protect membrane surface from traffic/tools and equipment/materials and temporary weighting down of membrane e.g. use of boards. Take photographs of each plot inspected.
12.	Laps and joints	Check that all joints are lapped and sealed in accordance with manufacturer's requirements/specification, particular where creases/folds are present (usually minimum 150 mm laps with double-sided tape between sheets and single sided tape on top surface; note size of sheets and frequency of edge seals). Take photographs of jointing for each plot
13.	Damp-proof course	Record DPC manufacturer and product code – usually integrated with the membrane; measure the DPC projection from external wall in mm; check laps and seals between membrane and DPC – note any potential stress points and tension between the two; check for damage to DPC

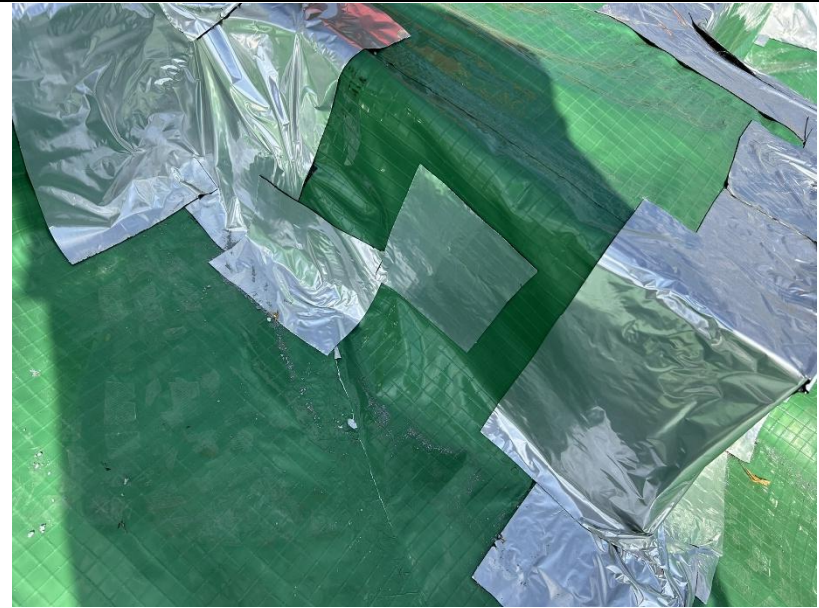
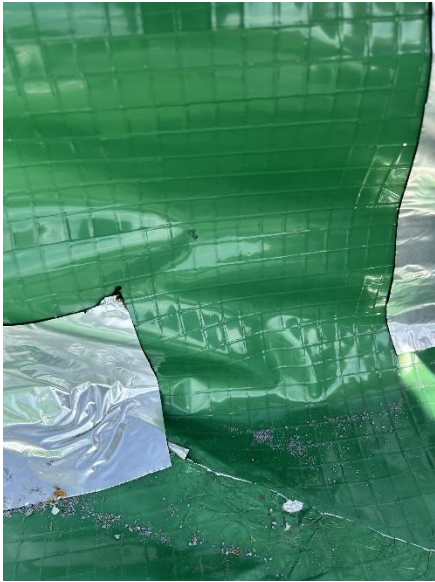
14.	Service entries and seals	Check top hat seal arrangement in accordance with design/specification (laps and seals between top hat and floor membrane, pipe upstand is usually a minimum 150 mm) check. Take photographs for all plots inspected
15.	Cavity inspection	Check gas membrane or gas resistant DPC is taken across cavity. Check for rips across cavity. Check for jointing detail of gas resistant DPC or membrane across cavity to main membrane. Take photographs for all plots inspected

This plot has PASSED inspection.

(any proposed remedial works should be noted in the 'Notes/comments' column of this form)

An additional inspection IS NOT required for this plot.

A selection of photographs are presented overleaf, the full set can be provided upon request.





+44 (0) 161 834 1938

www.edgece.com

3rd Floor, Conavon Court, 12 Blackfriars Street
Manchester M3 5BQ, United Kingdom

Document name: 211196-EDGE-XX-XX-RP-G-0001_GAS PROTECTION VALIDATION RECORD_PLOT 87 VISIT 1 [P01]

GAS PROTECTION VALIDATION RECORD FOR PLOT 87 VISIT 1, 211196 – SCHOOL STREET, RADCLIFFE

Prepared for:
Seddon Construction Limited
Plodder Lane
Bolton
BL4 0NN

Revision	Date	Description	Prepared by	Checked by	Approved by
R01	14/11/2025	Gas Protection Validation	JC	AJB	AJB

*Alliance Design UK Ltd t/a EDGE Consulting Engineers
Registered in England and Wales: 05586079
Registered Office: C/O Williamson & Croft York House, 20 York Street, Manchester, England, M2 3BB*

One record sheet to be completed for each plot inspected by a suitably qualified independent consultant/engineer

Job No	211196	Design/specification ref	211196-EDGE-XX-XX-RP-G-0006_DET_REM_STRAT [P04]		
Site Name	School Street, Radcliffe	Building use	Residential		
Plot No	87	Building description	Detached		
Compiled By	JC	Gas protection type	Passive	Foundation type	Suspended floor, beam and block

Ventilated sub floor (if present)	Inspection date/type:	21 st May 2025	Inspected by	JC	Photographed	Yes
--	------------------------------	---------------------------	---------------------	----	---------------------	-----

		Notes/comments (see guide notes below)
Void former type	Y/N	1. Ok, as per design.
Height of void space	Y/N	2. > 150 mm as per design.
Gravel type	Y/N	3. N/A
Pipe size and spacing	Y/N	4. Ok
External wall air bricks	Y/N	5. Air bricks as per design, clear and free of any blockages.
Internal sleeper walls	Y/N	6. Ok
External vent trenches/ducts	Y/N	7. N/A

Gas barrier	Inspection date/type:	21 st May 2025	Inspected by	JC	Photographed	Yes
--------------------	------------------------------	---------------------------	---------------------	----	---------------------	-----

		Notes/comments (see guide notes below)
Membrane type	Y/N	8. ITP POWERBASE MULTIGAS MEMBRANE MG 500
Extent of coverage	Y/N	9. Complete ground floor
Underside of membrane	Y/N	10. Good condition
Slab/membrane condition	Y/N	11. Ok
Laps and joints	Y/N	12. Joints lapped correctly
Damp-proof membrane	Y/N	13. Ok
Service entries and seals	Y/N	14. Ok
Cavity inspection	Y/N	15. Unable to see cavity although membrane clearly spans cavity and jointed to main membrane.

Guide notes

1.	Void former height	Proprietary type – manufacturer and specification, in accordance with design? Installed properly without damage
2.	Height of void space	Height of proprietary former of constructed ventilated space below suspended floor – note any debris on void/obstructions to air flow, note formation surface soil type (e.g. crushed concrete/brick), evidence of flooding
3.	Gravel type	Gravel type if used (limestone/granite etc) and any specification (e.g. 6F2), typical particle dimensions (mm), apparent fines content (low/high), compaction (loose/dense), waterlogging/contamination by clay, organic matter, other debris. Take photographs of stockpile or check details on delivery notes. Check depth of stone conforms to at least 300 mm if visible
4.	Pipe size and spacing	Diameter in mm; material type (e.g. PVC); slotted or perforated; positioning and spacing/separation and jointing as on design drawing – if not sketch arrangement – do pipes connect with external (telescopic/swan neck) vents? Take photographs of vents on external walls for each plot.
5.	External wall airbricks	Check numbers, size, and positions as design drawing – check for blockage e.g. mortar, soil, paving's etc
6.	Internal wall airbricks	Check ventilation holes e.g. honeycomb brickwork or pipe crossings – note size, spacing and location
7.	External vent trenches/ducts	Check whether located and constructed in accordance with design drawings; if open-topped gravel, note gravel type and presence of fines/contamination; if pipe or other vents – check positions and construction for functionality and absence of blockages – vents may be built over
8.	Membrane type	Note manufacturer and product specification, including batch/roll numbers if present – in accordance with specification? Check stock storage arrangements – protected from dirt and damage
9.	Extent of coverage	If membrane cover is incomplete, then further inspection will be required – note areas completed/incomplete – is membrane fully visible or have internal walls been constructed over membrane/screed placed?
10.	Underside of membrane	Where necessary, for example, when using a granular blanket as a ventilation layer, check the underside of the membrane has adequate protection e.g. minimum 50 mm no fines concrete blinding layer or appropriate geo-textile
11.	Slab/membrane condition	Record presence of ducts/rough surfaces, in particular sharp projections, below or above membrane; record locations of all punctures or repairs, note arrangements to protect membrane surface from traffic/tools and equipment/materials and temporary weighting down of membrane e.g. use of boards. Take photographs of each plot inspected.
12.	Laps and joints	Check that all joints are lapped and sealed in accordance with manufacturer's requirements/specification, particular where creases/folds are present (usually minimum 150 mm laps with double-sided tape between sheets and single sided tape on top surface; note size of sheets and frequency of edge seals). Take photographs of jointing for each plot
13.	Damp-proof course	Record DPC manufacturer and product code – usually integrated with the membrane; measure the DPC projection from external wall in mm; check laps and seals between membrane and DPC – note any potential stress points and tension between the two; check for damage to DPC

14.	Service entries and seals	Check top hat seal arrangement in accordance with design/specification (laps and seals between top hat and floor membrane, pipe upstand is usually a minimum 150 mm) check. Take photographs for all plots inspected
15.	Cavity inspection	Check gas membrane or gas resistant DPC is taken across cavity. Check for rips across cavity. Check for jointing detail of gas resistant DPC or membrane across cavity to main membrane. Take photographs for all plots inspected

This plot has PASSED inspection.

(any proposed remedial works should be noted in the 'Notes/comments' column of this form)

An additional inspection IS NOT required for this plot.

A selection of photographs are presented overleaf, the full set can be provided upon request.

