



Sample Homeowner Drone Inspection Report

See What We Found Before Problems Became Expensive

- High resolution aerial imagery
- Clear homeowner guidance
- Annual comparison reporting
- No ladders or scaffolding required





Homeowner Roof Inspection Report

Property: Asset Alpha (Residential Sample House)

Inspection Date: 30th January 2026

Report Date: 2nd February 2026

Drone Operator: Lead Remote Pilot (CAA Certified)

Contact: operations@threeweave.co.uk

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Executive Inspection Summary

Property Health Rating:

 Generally Good Condition

Inspection Findings:

Our aerial inspection identified one maintenance item requiring attention and two areas suitable for monitoring.

The roof coverings, ridge systems, solar panels, windows and roofline components generally appear to be performing as expected, with no significant visual evidence of missing tiles, major roof defects or structural concerns visible from the aerial imagery obtained.

Most significant observation:  Blocked front gutter requiring maintenance.

Detailed actions are provided within the Property Maintenance Action Plan on the following pages.

No Significant Visual Evidence Of:

✓ Missing roof tiles, ✓ Slipped roof coverings, ✓ Damaged solar panels, ✓ Visible structural distortion

Recommended next review:

January 2027



Understanding Your Property Health Ratings

To help make this report easy to understand, we use a simple Traffic Light Rating System to indicate the significance of visual observations captured during the drone inspection.

These ratings are based on what was visible in the aerial imagery on the day of the flight and are intended to help prioritise maintenance, monitoring and further investigation where appropriate.

Rating	Meaning	Typical Next Step
Action Recommended	A condition has been observed that may benefit from maintenance or further investigation.	Ask a suitably qualified contractor or specialist to assess the area and provide advice.
Monitor	A condition has been identified that does not currently appear to require immediate action but would benefit from periodic review.	Monitor the area and review during future maintenance visits or inspections.
Good Condition	No significant maintenance concerns were visible from the aerial imagery obtained.	Continue normal property maintenance and periodic inspections.

How We Use These Ratings

Our role is to provide a visual record of the property's condition using aerial imagery. The ratings help distinguish between:

- ✓ Areas that may benefit from further investigation
- ✓ Areas that should be monitored over time
- ✓ Areas that appear visually sound from the imagery obtained

The ratings are intended as a practical guide and do not constitute a structural survey, professional diagnosis, or confirmation of the underlying cause of any observed condition.

Where Action Recommended or Monitor observations are identified, we recommend sharing the relevant sections of this report with an appropriately qualified tradesperson, contractor, or specialist before making repair decisions.



Property Maintenance Action Plan

Priority	Location on Your House	Why it matters	Suggested Next Steps
Action Recommended	Front gutter blockage	Overflowing water may increase moisture exposure around roof and wall elements	Arrange gutter clearance and drainage assessment
Monitor	Solar Panel Flashing	Localised water concentration visible beneath flashing	Ask roofer to review during routine maintenance
Monitor	Rear window staining	May indicate drainage inefficiency	Observe during periods of heave rainfall
Good Condition	Main roof covering	No significant defects visible from aerial inspection	Continue annual monitoring

Why Annual Comparisons Matter

Most roof defects develop gradually and are difficult to notice from ground level.

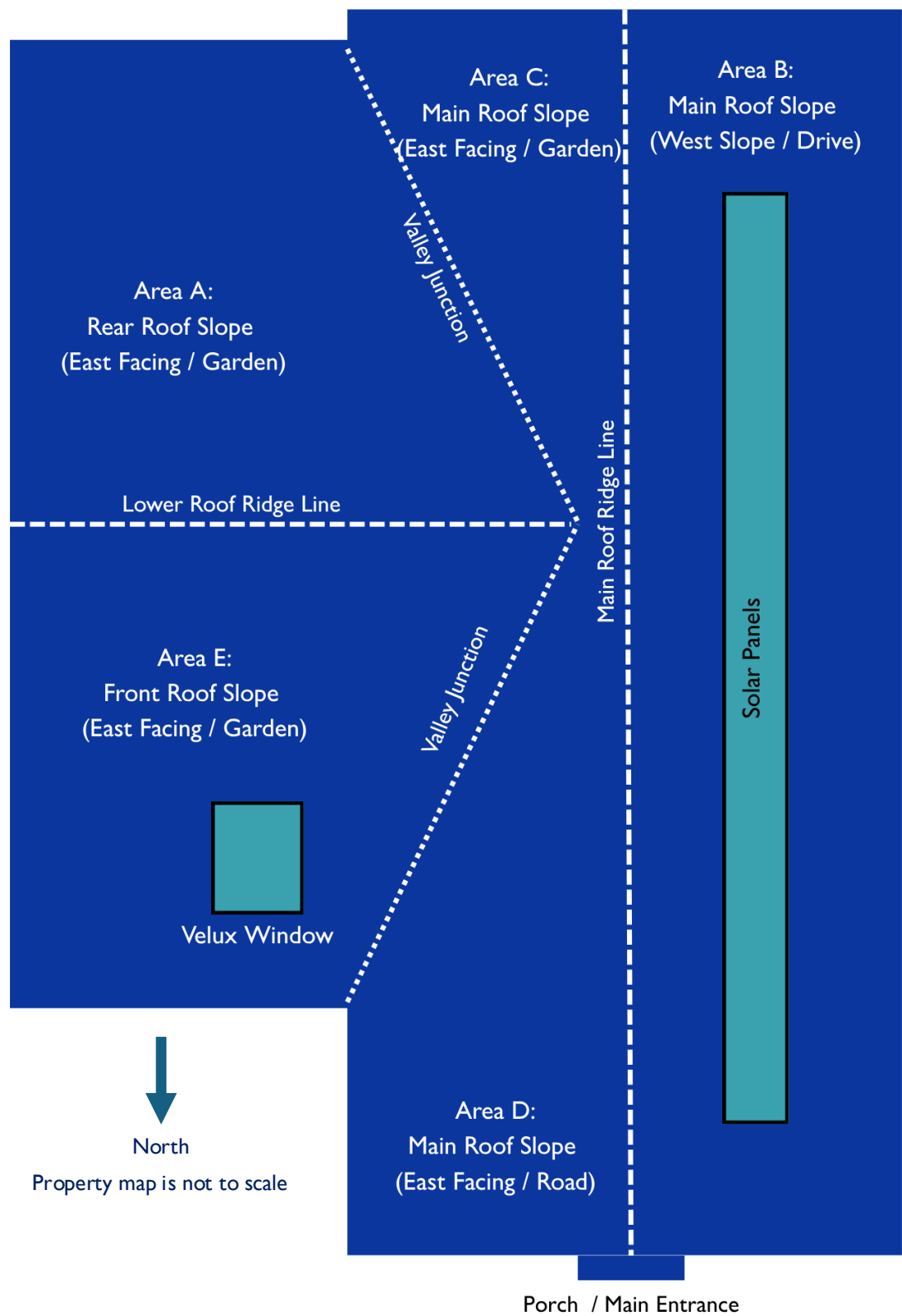
By comparing images year-on-year, changes in moss growth, drainage performance, roof coverings, and weathering patterns can be tracked before they become expensive repairs.

Next Recommended Drone Review: January 2027



Understanding Your Roof Layout

To keep this report simple, we have broken your roof down into 5 easy-to-understand areas based on what they may look like from the ground.



Area A (Rear Roof):The large lower back slope of your roof looking out over your garden

Area B (Main Roof / Driveway):The large roof slope where your solar panels are installed

Area C (Main Roof Rear):The main roof facing east at the rear of your house

Area D (Main Roof Front):The main roof facing east at the front of your house

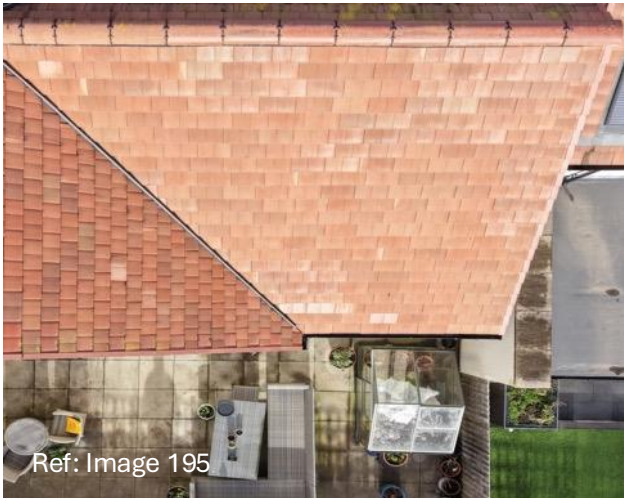
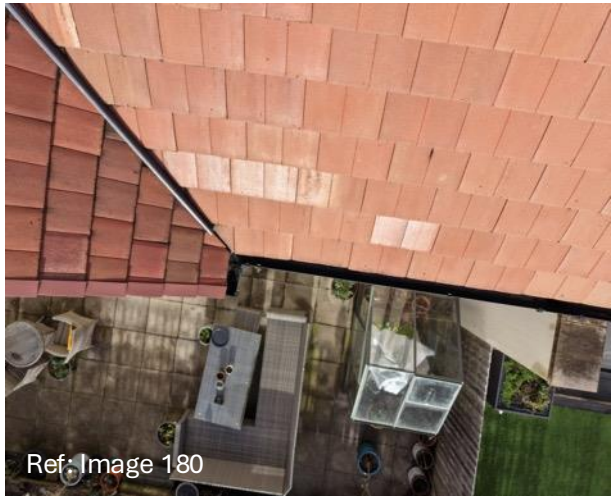
Area E (Front Roof): The north slope of your roof which faces the road with velux window

Area F (Windows, Brickwork & Plastic Trim): All areas around the house.

Detailed Photographic Observations

Area A : Rear Roof (Facing Back Garden)

Condition : Good



Visible Condition: Good Issue Refs: N/A	What we observed • All concrete tiles appear straight, uniform and firmly in place with no missing sections or visible cracks. • The cement or dry-fix ridge caps along the very top appear secure. • Our close-up images show initial patches of green moss starting to gather on the lower left edges, but no apparent material damage at this stage. • There is minor moss starting to grow near bottom left edges but no harm yet.
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Why this matters:

The roof covering provides the property's primary defence against weather penetration. No significant defects were visible in the areas inspected, which is a positive indication that the roof is continuing to perform its intended function. Periodic inspections remain beneficial as roof coverings naturally weather over time and gradual changes can be difficult to identify from ground level.

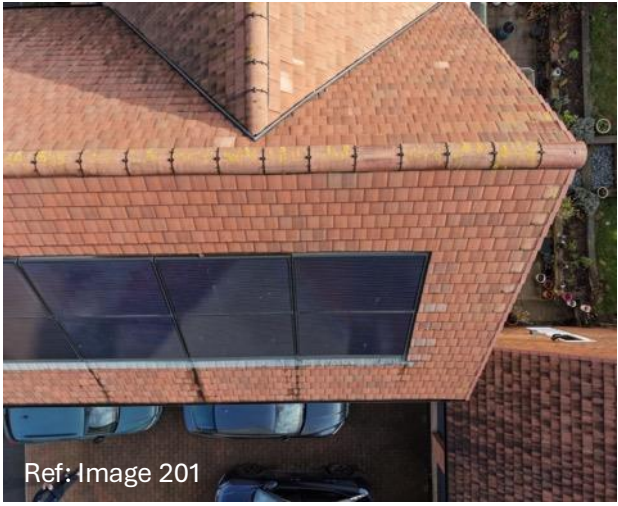
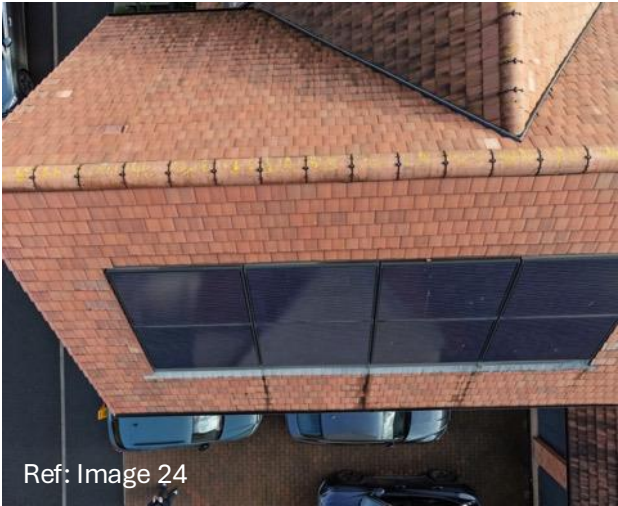
Our suggestion:

No active work needed right now. We can log this moss pattern and compare it during your next drone check to see how fast it is spreading.

Detailed Findings & Photos

Area B : Main Roof (over Driveway / Solar Panels / West Roof Slope)

Condition : Good



Visual Condition: Good Issue Refs: N/A	What we observed • The glass surface of your solar panels look clean and free of fractures. • However, the flexible metal trim (the flashing) running along the bottom of the solar panels looks slightly wavy, and there are distinct, dark water-tracking stains on the tiles right below it. • This visual pattern usually happens because a solar arrays catch a lot of rain and drop on specific spots.
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Why this matters:

Solar panel installations introduce additional roof penetrations and flashing details that are exposed to the elements. The observed water tracking does not necessarily indicate a defect, but it may suggest concentrated water movement in this area. Monitoring helps identify whether the condition remains stable or develops further over time.

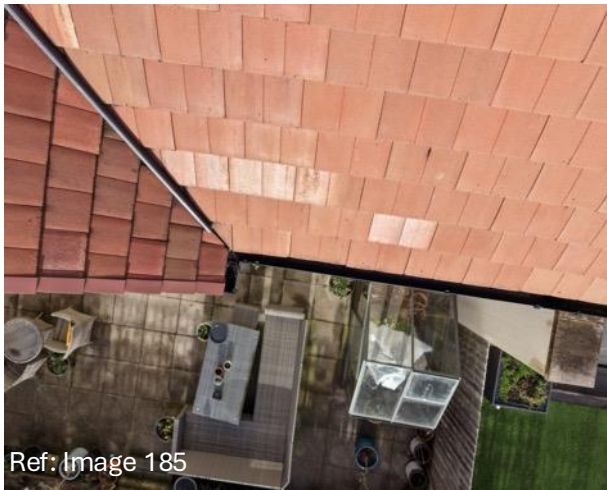
Suggested next step:

No immediate repairs appear necessary. However, because water is concentrating heavily here, it would be wise to have a professional roofer visually inspect these seals up close during their next routine visit.

Detailed Findings & Photos

Area C : Main Roof Rear (Elevated Main Roof Slope East Facing / Garden Side)

Condition : Good



Visual Condition: Good Issue Refs: N/A	What we observed: • Tiles appear consistently aligned, straight and unbroken. • Light green moss accumulation is visible along the outer gable edges and lower lip of the tiles. • Localised weathering observed in valley termination towards the patio area.
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Why this matters:

Roof coverings naturally weather as they age and are continually exposed to rainfall, sunlight and seasonal temperature changes. The minor moss growth and localised weathering observed do not currently appear significant, but these conditions can gradually develop over time. Periodic inspections help establish whether the roof remains stable or whether maintenance may eventually be required

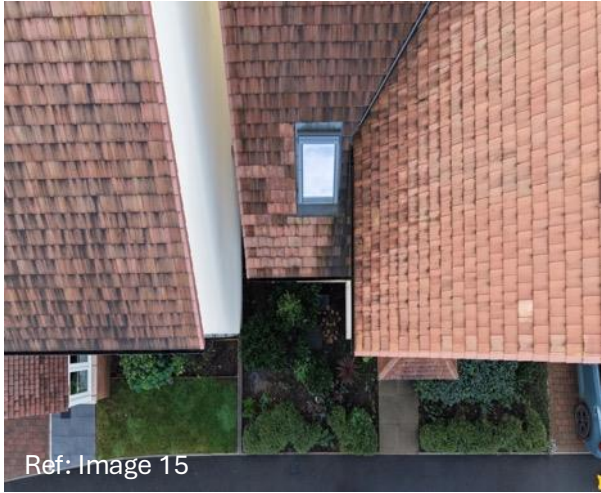
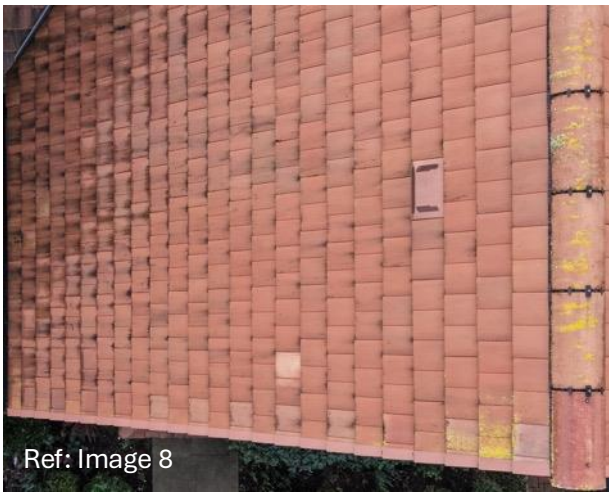
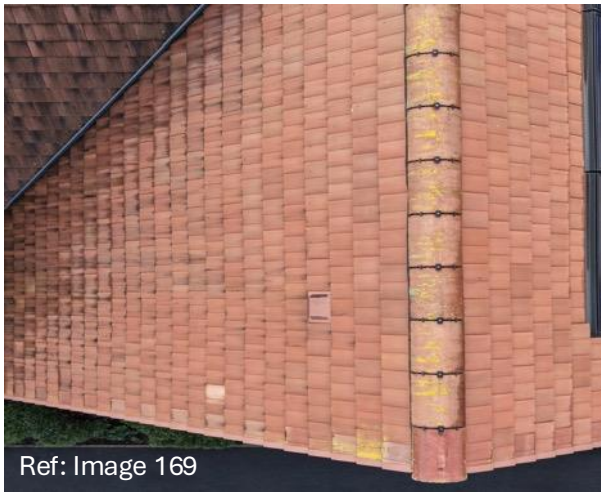
Suggested next steps:

No active repairs or immediate maintenance are visible from these photographs. The roof covering is performing as expected for its age. The moss accumulation is currently minor and superficial. We suggest asking your roofer to give these valley linings a standard visual check whenever they are next on a ladder cleaning out your front gutters, just to ensure no loose moss is gathering further down the channel.

Detailed Findings & Photos

Area D : Front Roof (Elevated Main Roof Slope East Facing / Road)

Condition : Good



Visual Condition: Good Issue Refs: N/A	What we observed: • Elevated ridge tiles running across the peak of the roof appear mechanically secure and straight. There is noticeable accumulation of yellow and green lichen/moss growing directly along these ridge caps. • No signs of missing broken or slipped tiles. • The roof slope is showing early signs of light, vertical water tracking lines running down the ridge caps, along with minor organic spotting.
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Why this matters:

The ridge line and roof slope appear visually stable, with no significant defects visible from the aerial imagery obtained. Recording the current condition provides a useful reference point for future inspections and helps identify any developing changes over time

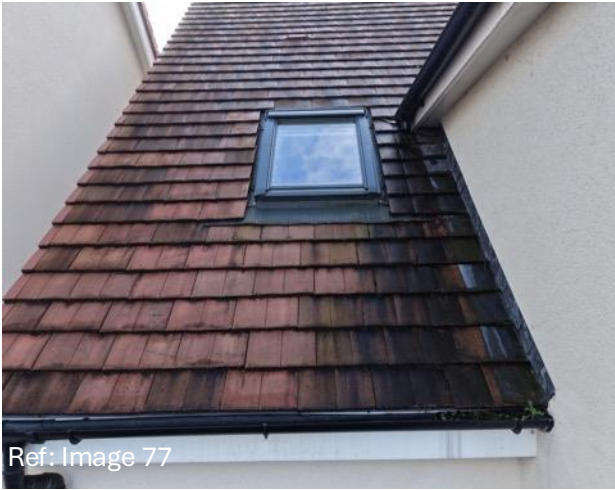
Suggested next steps:

Because this is the highest, most exposed section of your roof, it gets better sunlight and airflow, which is keeping it much drier than the lower areas. No immediate maintenance or structural repairs are indicated here. We suggest having a roofer visually check the condition of the ridge tile bedding mortar the next time they are on-site to ensure the lichen isn't degrading the seals.

Detailed Findings & Photos

Area E : Front Roof (North Roof Slope / Road)

Condition :Action Recommended



Visual Condition: Action Recommended Issue Refs: N/A	What we observed: • North facing slope gets little direct sunlight, which means stays damp for longer. • Tiles show significant black water staining and extensive green algae growth. • We observed a severe blockage in the guttering, which is entirely choked with thick moss and weeds. • Because no downpipe on this section, water is visibly spilling over the side of the gutter onto the walls and underlying structural elements
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Why this matters:

When gutters become blocked, water may overflow onto adjacent roof and wall elements rather than draining as intended. Over time, persistent overflow can increase moisture exposure and accelerate deterioration of surrounding building components.

Suggested next steps:

We highly recommend calling a professional gutter cleaner or roofer to investigate this area. The gutters need clearing, and a professional can assess whether any improvements to drainage provision may be beneficial.

Detailed Findings & Photos

Areas F :Windows, Brickwork, and Plastic Trim

Condition : Good



Visual Condition: Good Issue Refs: N/A	What we observed: • Plastic roof trim (soffits and fascias) look straight and securely attached. • Porch above entrance showing typical aging to the mortar joints, but appears solid. • At the rear we captured dark vertical tear-shaped stains on the external plaster directly below the rear west window sill.
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Why this matters:

External staining patterns can sometimes indicate how water is moving across building surfaces. While no immediate concern is evident from the imagery obtained, monitoring this area may help identify whether the staining remains cosmetic or develops into a more persistent drainage-related issue. Monitoring mortar joints is important to avoid water ingress.

Suggested next steps:

On the windows this staining often indicates that a window's built-in drainage holes are blocked, or the sill isn't tipping water away from the wall correctly. We suggest checking that the window's internal plastic drainage paths are clear of dust, and asking a window specialist to take a look if you notice any dampness inside.

Professional Investigation Checklist

You can print this out or email it directly to a qualified local roofer, handyman, or window specialist. It points them directly to the areas our drone cameras flagged so they can perform a physical inspection and give you an accurate quote

Dear Tradesperson,

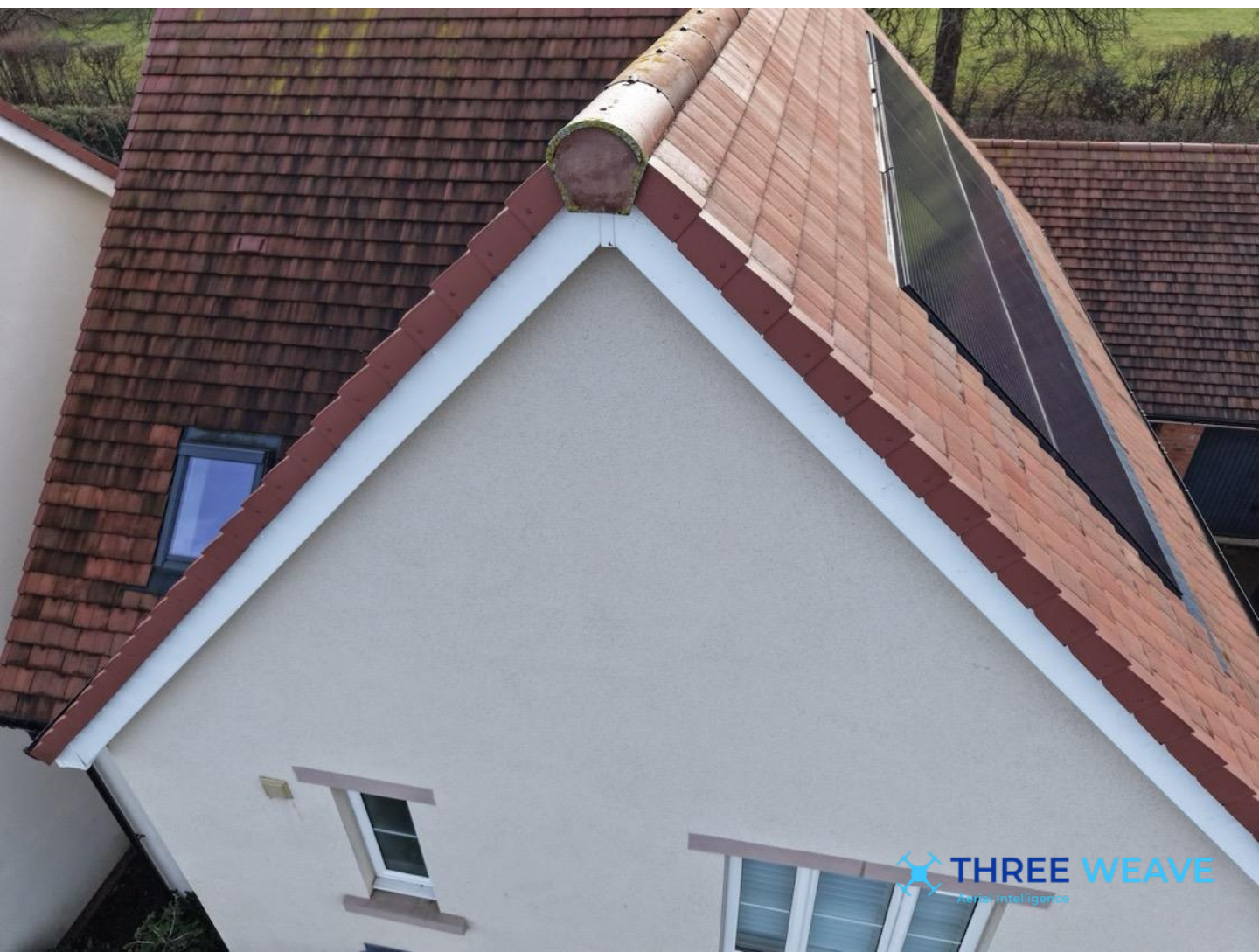
Please see the following visual observations logged during a recent aerial drone photography flight. We require a professional, physical inspection and advice on the following areas:

[] Front Gutter Blockage & Drainage: Please physically check or advise on the north-facing front gutter (located over the front door and Velux window). Our aerial photos show it is heavily choked with moss and overflowing. Please clear out the debris and advise if a downpipe extension or water diverter should be installed to prevent ongoing water cascading.

[] Solar Array Flashing: Please check the waterproof flashing strip directly beneath the driveway-side solar panels. The aerial photos show distinct water-tracking stains on the tiles below it. Please confirm if the flashing is still performing correctly and remains fully watertight.

[] Rear West Window Staining: Please look at the exterior wall directly underneath the rear west window sill. There are visual run-off stains on the plaster. Please check the window seals and drainage weep-holes to ensure water is shedding away from the building fabric correctly.

For additional evidence refer to the image catalogue and issue register if sharing with a trades-person, building specialist or surveyor.



Legal Disclaimer

Nature of This Report

This report has been prepared by Three Weave following an aerial drone inspection of the property identified within this document.

The report provides a visual assessment based solely on photographs and imagery captured during the flight. Its purpose is to help property owners understand visible external conditions, prioritise maintenance considerations, and support discussions with appropriately qualified tradespeople or building professionals where necessary.

Scope of Inspection

The inspection was conducted remotely using an Unmanned Aerial System (drone) and did not involve physical access to the roof, structure, gutters, windows, building fabric, or any other part of the property.

Observations and ratings contained within this report are based only on conditions visible from the imagery obtained on the day of the inspection.

As no intrusive or hands-on inspection was undertaken, hidden defects, internal deterioration, structural issues, weatherproofing failures, moisture ingress, timber decay, membrane defects, or conditions concealed from view may exist but remain undetectable within the scope of this service.

Property Health Ratings

The Property Health Ratings and accompanying observations are intended as a practical guide to help property owners understand the relative significance of visible conditions observed during the inspection.

These ratings do not constitute:

- A structural survey
- A building survey
- A RICS Home Survey
- An engineering assessment
- A roofing contractor's inspection
- A diagnosis of the underlying cause of any observed condition

Where Action Recommended or Monitor observations are identified, further assessment by an appropriately qualified professional should be obtained before any repair, maintenance, or expenditure decisions are made.

Recommendations and Suggested Actions

Any recommendations, suggested next steps, maintenance priorities, or contractor briefing notes contained within this report are provided for guidance only.

They are intended to assist property owners in determining whether further investigation may be beneficial and should not be interpreted as specifications for repair works, confirmation of defects, or professional construction advice.

The suitability, scope, cost, and necessity of any repair or maintenance work should always be confirmed through a physical inspection by a suitably qualified contractor or specialist.

Limitation of Liability

While reasonable care has been taken in preparing this report, Three Weave cannot guarantee that all defects, issues, or areas of concern have been identified.

Any decisions made in relation to property maintenance, repairs, purchases, sales, insurance matters, or construction works remain the responsibility of the property owner or their appointed advisers.

To the fullest extent permitted by law, Three Weave accepts no liability for loss, damage, costs, or consequential losses arising from reliance on this report beyond the scope of the visual inspection service provided.

Insurance and Regulatory Compliance

All drone operations are conducted by appropriately certified remote pilots in accordance with applicable UK Civil Aviation Authority (CAA) requirements.

Three Weave maintains commercial drone Public Liability and Professional Indemnity Insurance for the services provided.

Appendix

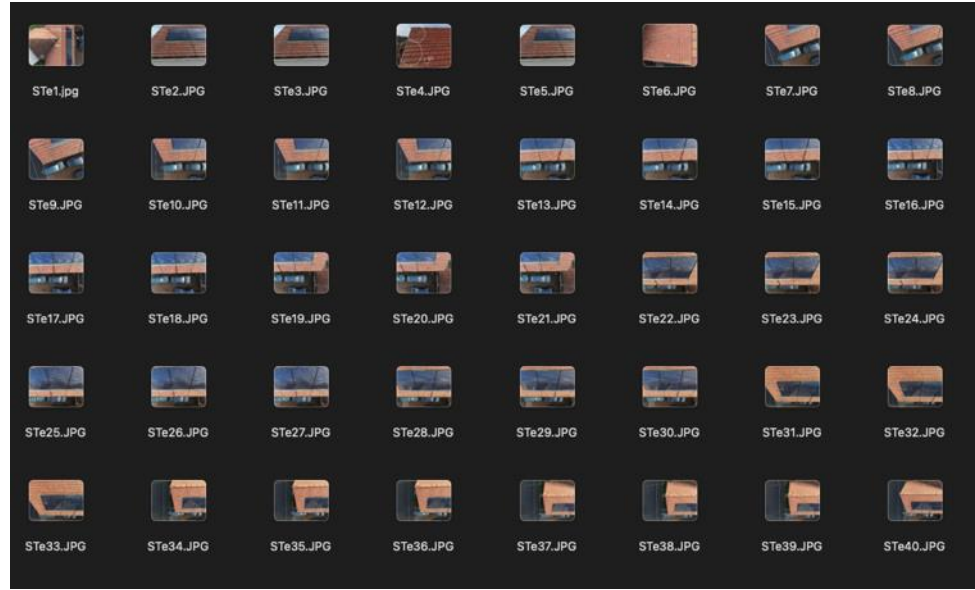
To accompany this document, we have created an image catalogue, which enables users to identify and search for images. This is a separate document found with the accompanying drive.

Alpha Asset - Image Register							
External Inspection							
May-26							
							
IMAGE ID	FILE NAME	IMAGE	AREA 1	AREA 2	VIEW 1	VIEW 2	NOTES
1	STi1.JPG	click to view	Main Roof	South Slope	Garden	South Roof	
2	STi2.JPG	click to view	Main Roof	South Slope	Garden	South Roof	
3	STi3.JPG	click to view	Main Roof	South Slope	Garden	South Roof	
4	STi4.JPG	click to view	Main Roof	South Slope	Garden	Main East Slope	
5	STi5.JPG	click to view	Main Roof	South Slope	Garden	Main East Slope	
6	STi6.JPG	click to view	Main Roof	South Slope	Garden	Main East Slope	
7	STi7.JPG	click to view	Main Roof	West Slope	Driveway	East Slope	
8	STi8.JPG	click to view	Main Roof	West Slope	Driveway	East Slope	
9	STi9.JPG	click to view	Main Roof	West Slope	Driveway	East Slope	
10	STi10.JPG	click to view	Main Roof	West Slope	Driveway	East Slope	
11	STi11.JPG	click to view	Main Roof	West Slope	Driveway	East Slope	

All imagery is supplied as individual high-resolution JPEGs and can be found on the supplied files. As these files are very large, they are contained within an individual file named Inspection Image. Please note that the collective size of the images is over 6GB.

Asset Alpha - Issue Register							
External Inspection							
May-26							
							
Issue ID	Section	Part	Element	Problem	Severity	Description	Image Reference
ISS-01	North Roof Slope	Front of House	Roof	Deterioration	High	Water staining and biological growth on roof slope	STe34, STe35, STe37, STe39, STe38, STe41, STe43, STe44, STe46, STe47
ISS-02	North Roof Slope	Front of House	Guttering	Blocked	High	Blocked guttering with severe biological growth	STe54, STe55, STe56,
ISS-03	West Roof Slope	Side of House	Solar Panels	Deterioration	Low	Evidence of seal deterioration under solar panels	STe63, STe64, STe59, STe60, STe61, STe62, STe65
ISS-04	House Entrance	Front of House	Porch	Mortar	Low	Evidence of mortar deterioration keep eye on it.	STe70, STe73, STe79, STe80, STe82, STe83, STe84, STe89, STe90, STe92, STe93, STe98

In addition to this we have created an issue register that documents identified issues. This is found in excel document on a tab named issue register. This allows users to identify and view the relevant issues by image.



All images are prefixed with STe and numbered sequentially. All images are within the folder.

Please note that for links to work from the excel document the excel sheet should remain in the folder with the images, as removing it is likely to result in the links no longer working.

If you have any questions or require assistance in respect of this document and accompanying files, please contact a member of the team.



THREE WEAVE

Aerial Intelligence



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Three Weave is a trading name of Screen Weave Ltd.
Registered in England & Wales
No.1035449

Homeowners & Our Inspections

Most homeowners book an inspection because:



Suspected
leaks



Buying or selling a
property



Difficult-to-access
roofs



Peace of mind



Annual condition
monitoring

Example Outcomes:

“During another residential inspection we identified a blocked gutter hidden from the ground level. The homeowner arranged maintenance before internal water ingress occurred”

“We didn’t expect to find anything on a relatively new home, but the survey gave us exactly what we needed - reassurance where everything was sound, and clear evidence of small issues we could address early” - Property Owner, Lancs

Learn More:

www.threeweave.co.uk/aerial-intelligence-case-studies

Why Clients Use Us:

Annual image comparisons help identify gradual changes in:

- Moss Growth
- Drainage Performance
- Flashing Condition
- Roof covering deterioration
- Chimney condition
- Pest infestation
- Biological growth
- Grounds condition
- Boundary inspections

Before they become expensive issues.

Comparisons:

Method	Cost	Safety	Visual Coverage
Binoculars	Low	Good	Poor
Roofer Access	Medium	Medium	Good
Scaffold Inspection	High	Medium	Excellent
Three Weave Drone Inspection	Low-Medium	Excellent	Excellent



Book Your Own Inspection:

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