



4LEAF, INC.

ENGINEERING • CONSTRUCTION MANAGEMENT
BUILDING INSPECTION • PLAN CHECK

Inspector Field Report

City of Benicia

SAP Evaluation of 670 East H street.

Project#: Benicia

4LEAF#: ???

CM: Chris Gale

Inspector Chris Gale

IFR#: 001 DATE: 12/17/15

Last Site Visit: NA

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instructor and inspector. The subject building is in extreme stress apparently due to a major soil failure beneath the structure. The collateral damage is exacerbated by multiple decades of deferred maintenance.



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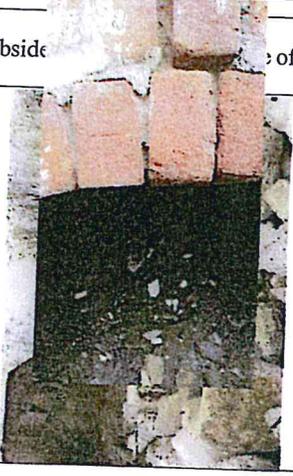
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Soil Subside of building	Soil & building and corrosive
	
Building has collapsed onto itself, the basement is gone.	Brick and mortal are falling from buildings on site at all locations.
Foundation/footing concrete is on site causing additional safety hazards	Brick and mortar have exceeded design life span and have degraded Back to base elements.



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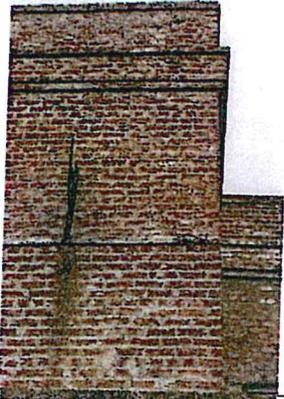
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<p>Buildings are splaying apart, adding eccentric loads and are not structurally sound.</p>	<p>Safety fencing has been repeatedly illegally bypassed by vandals.</p>

Note; Even with proper protections installed these buildings are still be accessed and are so significantly damaged that they will continue to collapse. The materials used to construct these buildings are no longer able to sustain any significant loads. The materials cannot be reused as the required testing will show clearly.



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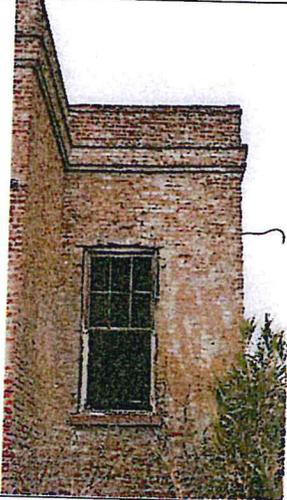
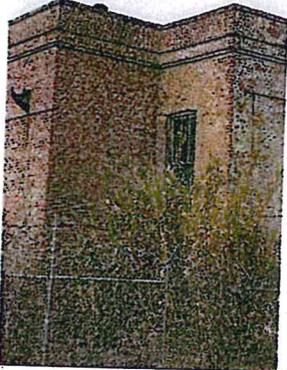
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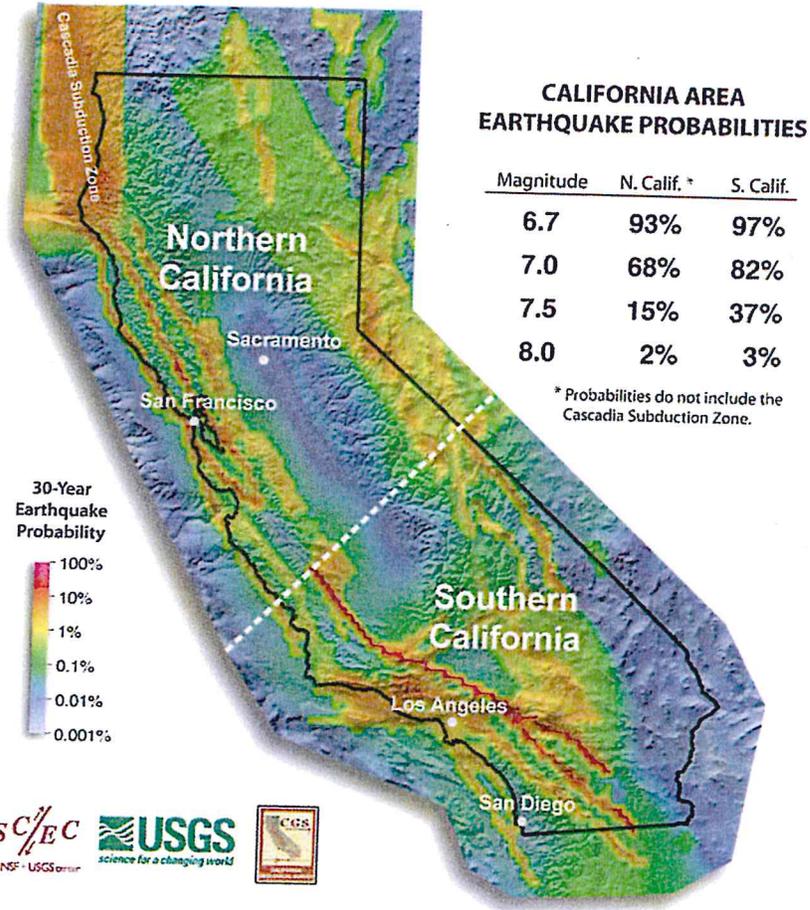
Wall is failing, cracked, listing, leaning and rotted.	There is little to no structural connection to building at parapet.
	
Front and side wall failing at the 2 nd floor plate line.	No seismic retrofitting was observed in critical locations.



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Both buildings are situated adjacent to high seismic hazards as well as soil prone to liquefaction.



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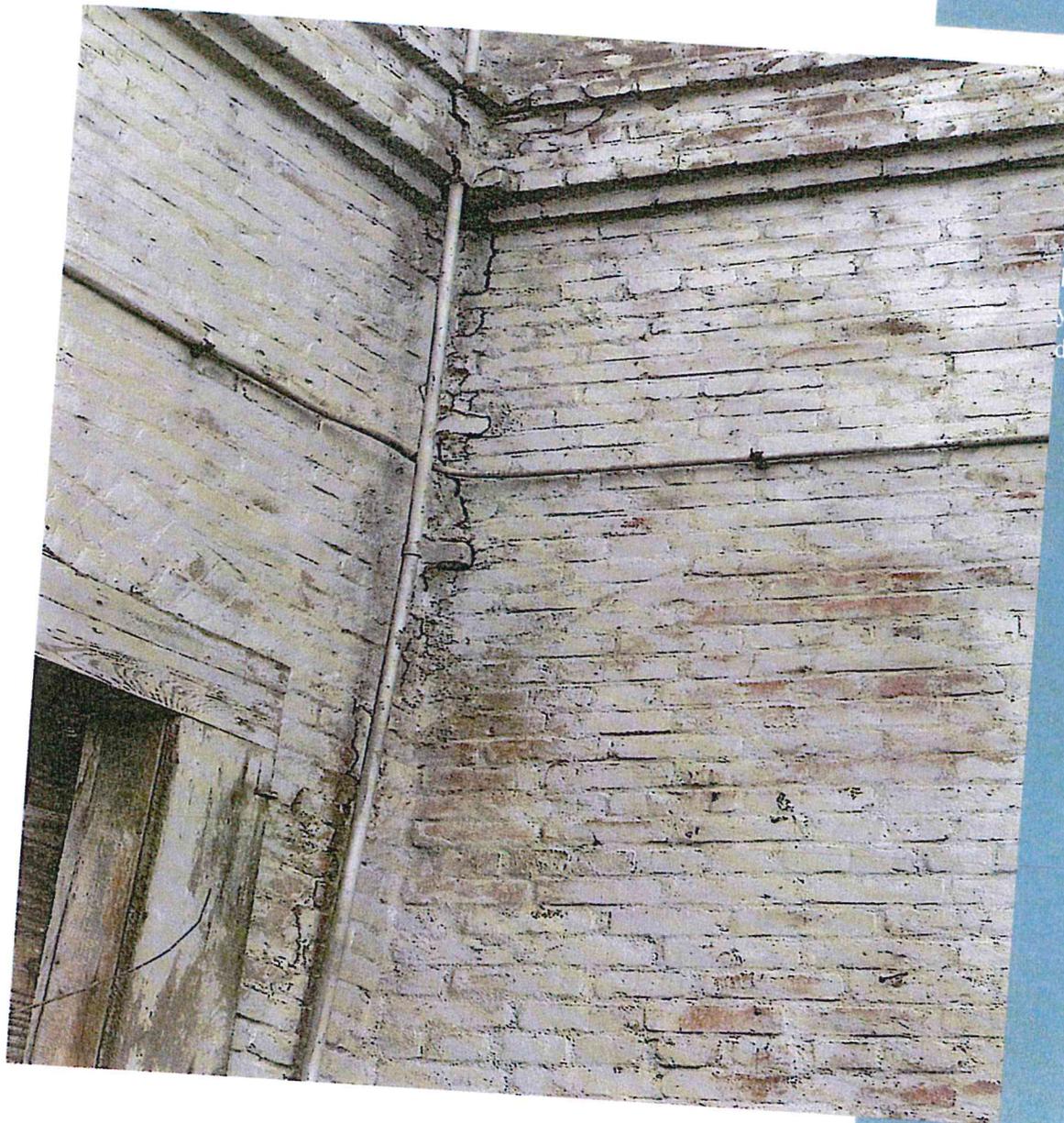
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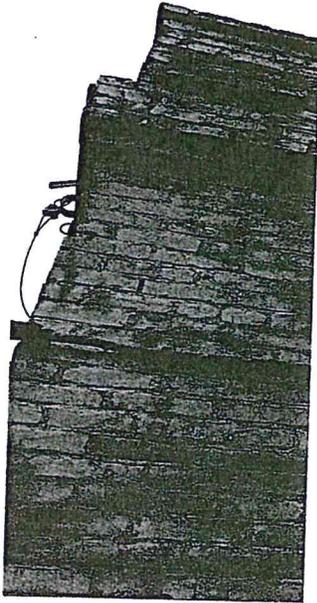
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Walls are wavering, not plumb or square any longer. Much of the brick is broken or cracked.





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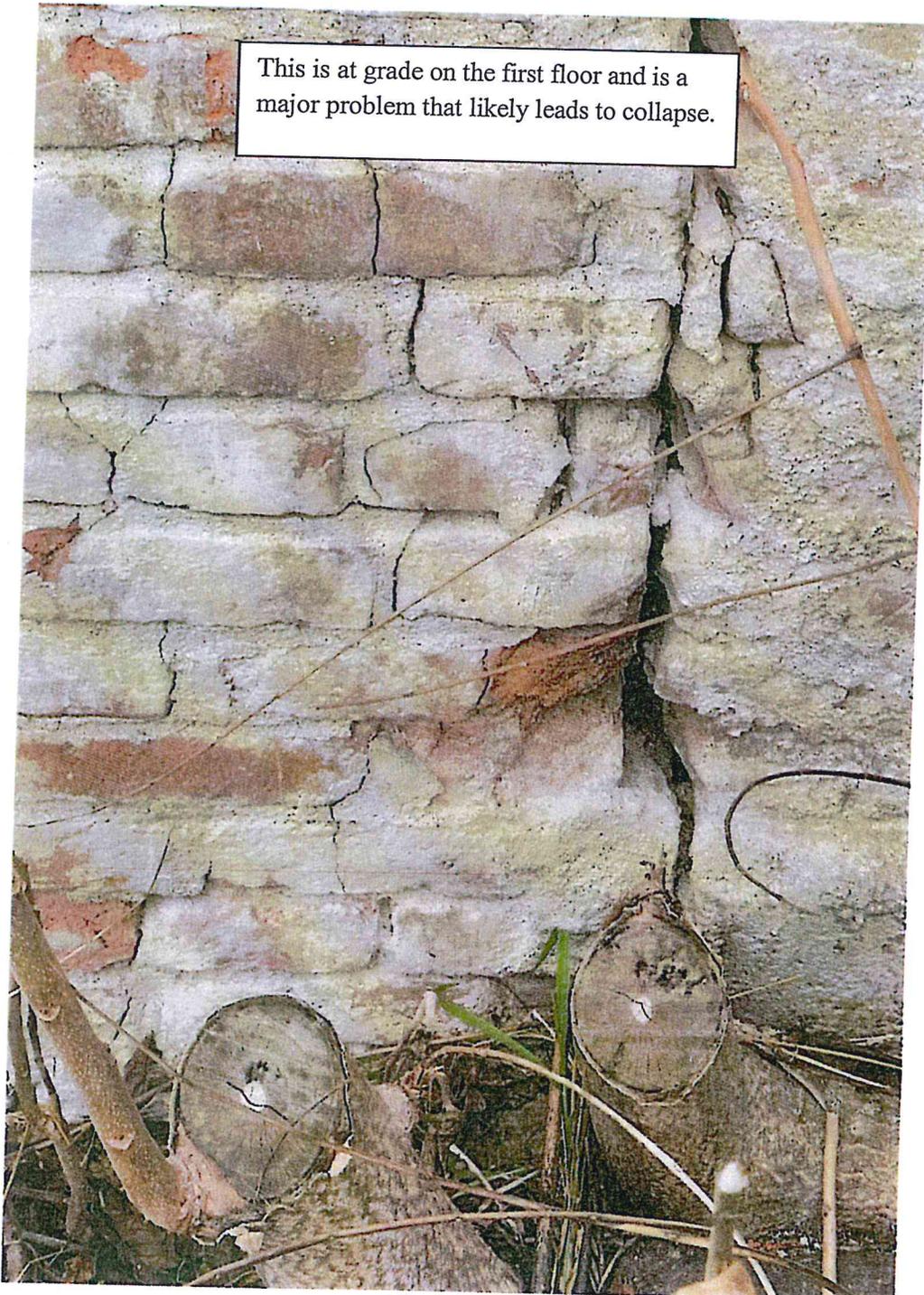
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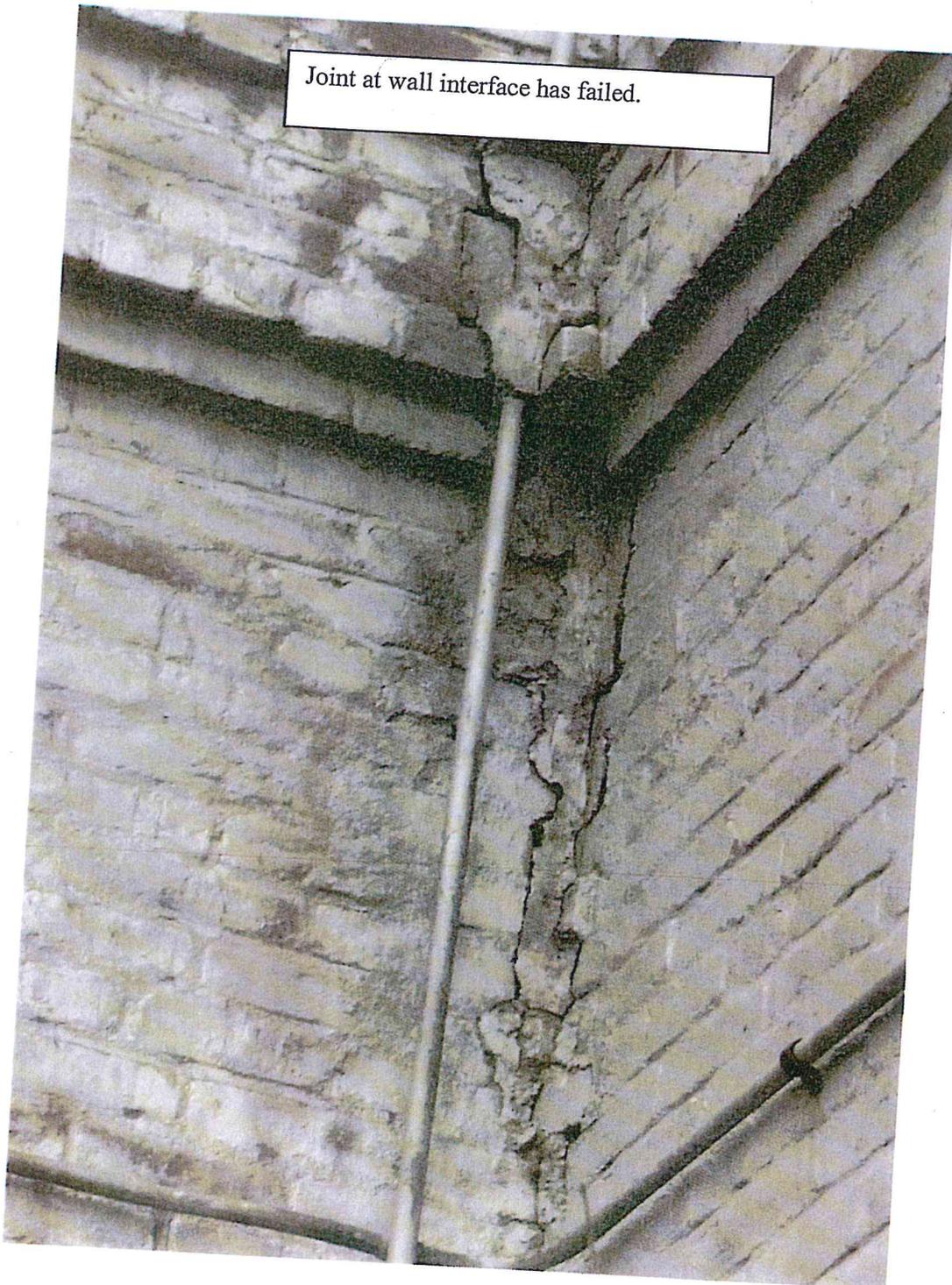
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Joint at wall interface has failed.



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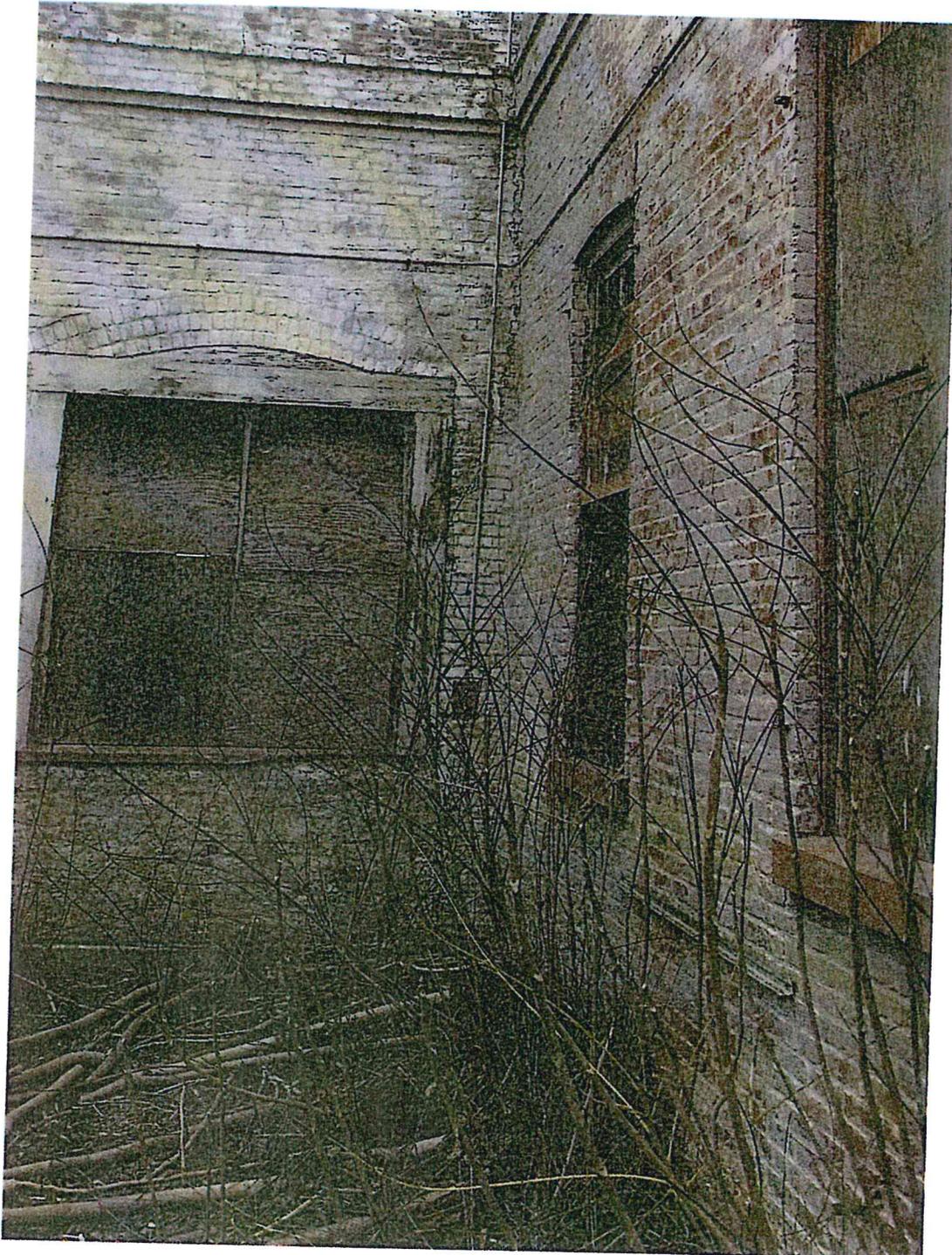
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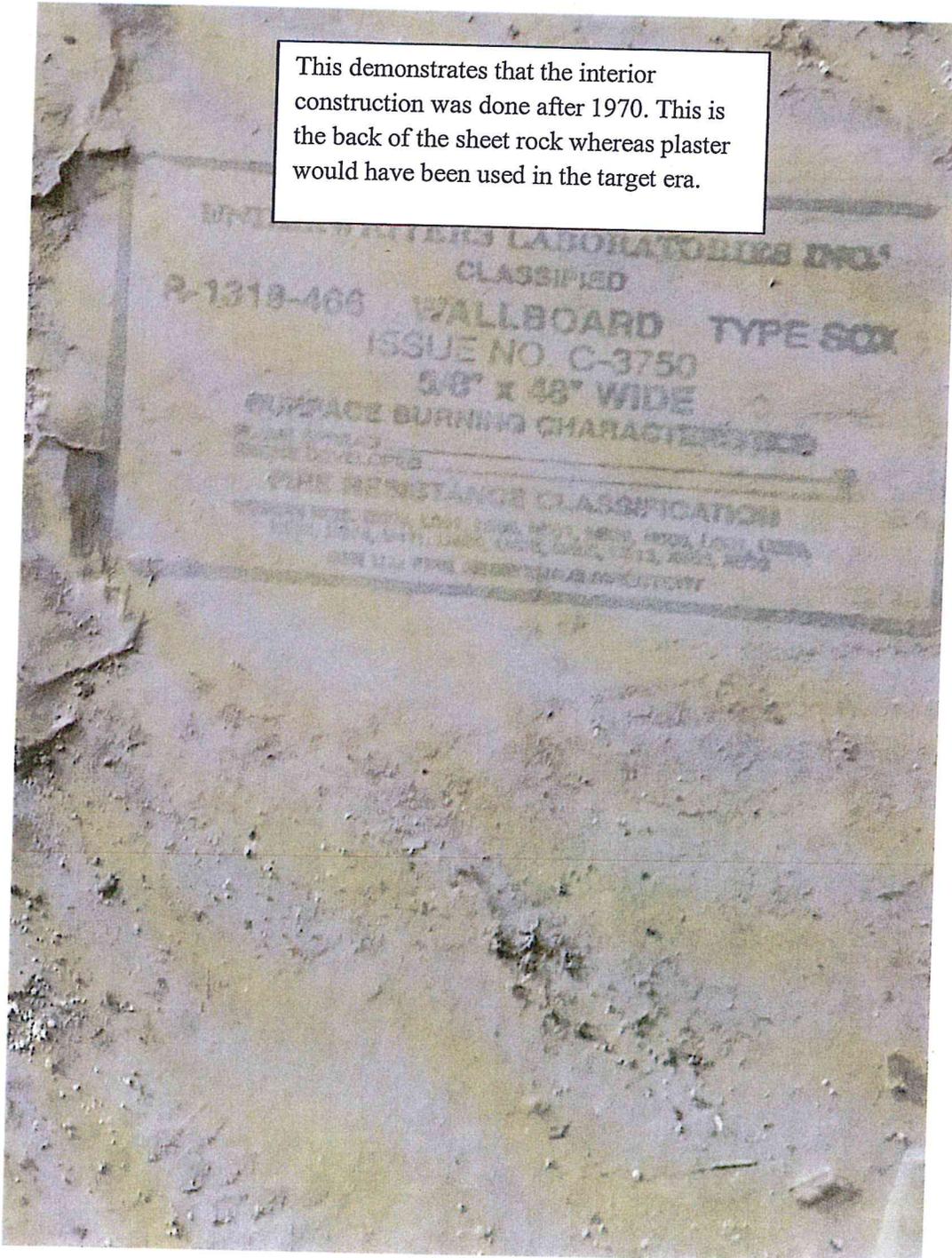
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This demonstrates that the interior construction was done after 1970. This is the back of the sheet rock whereas plaster would have been used in the target era.

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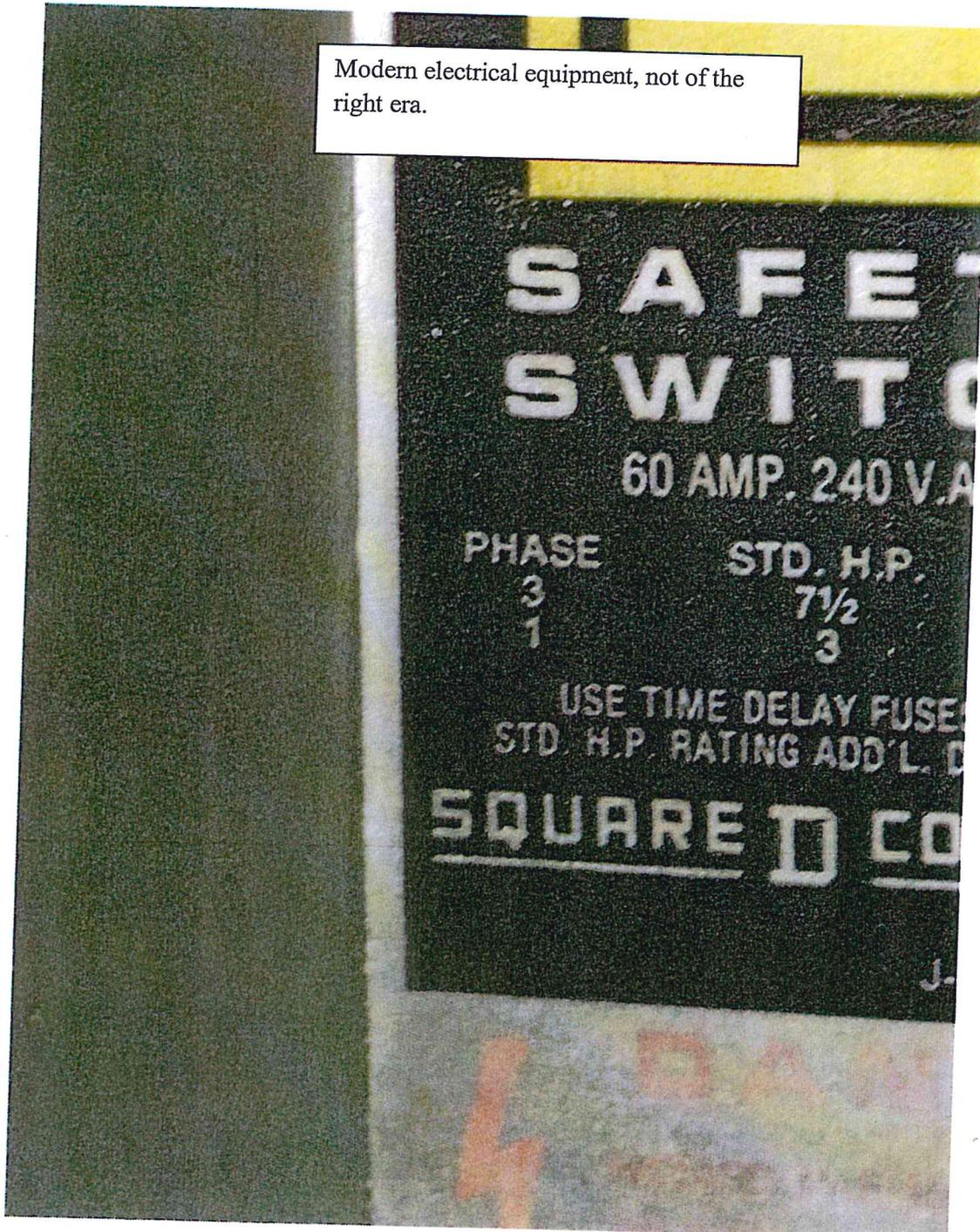
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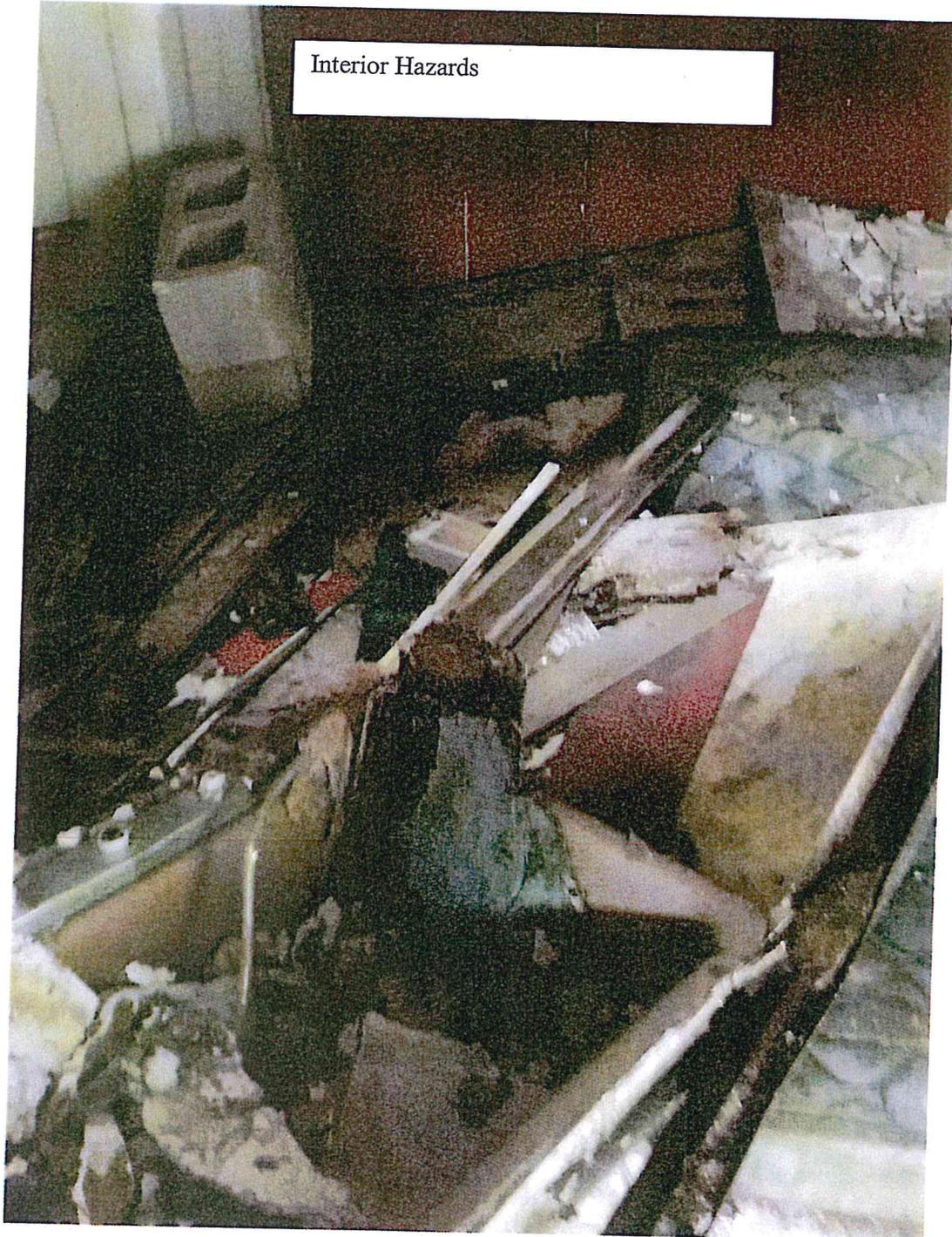
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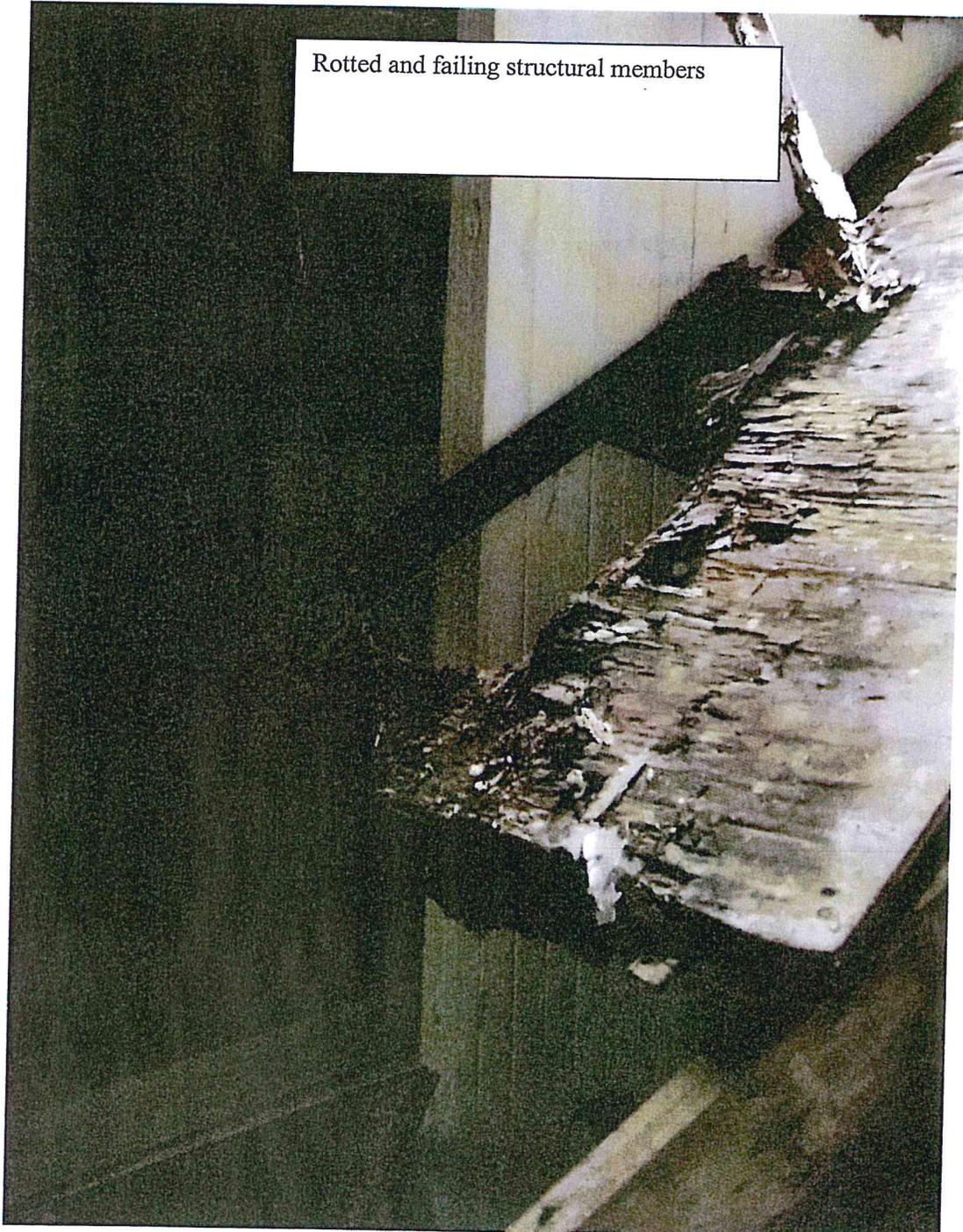
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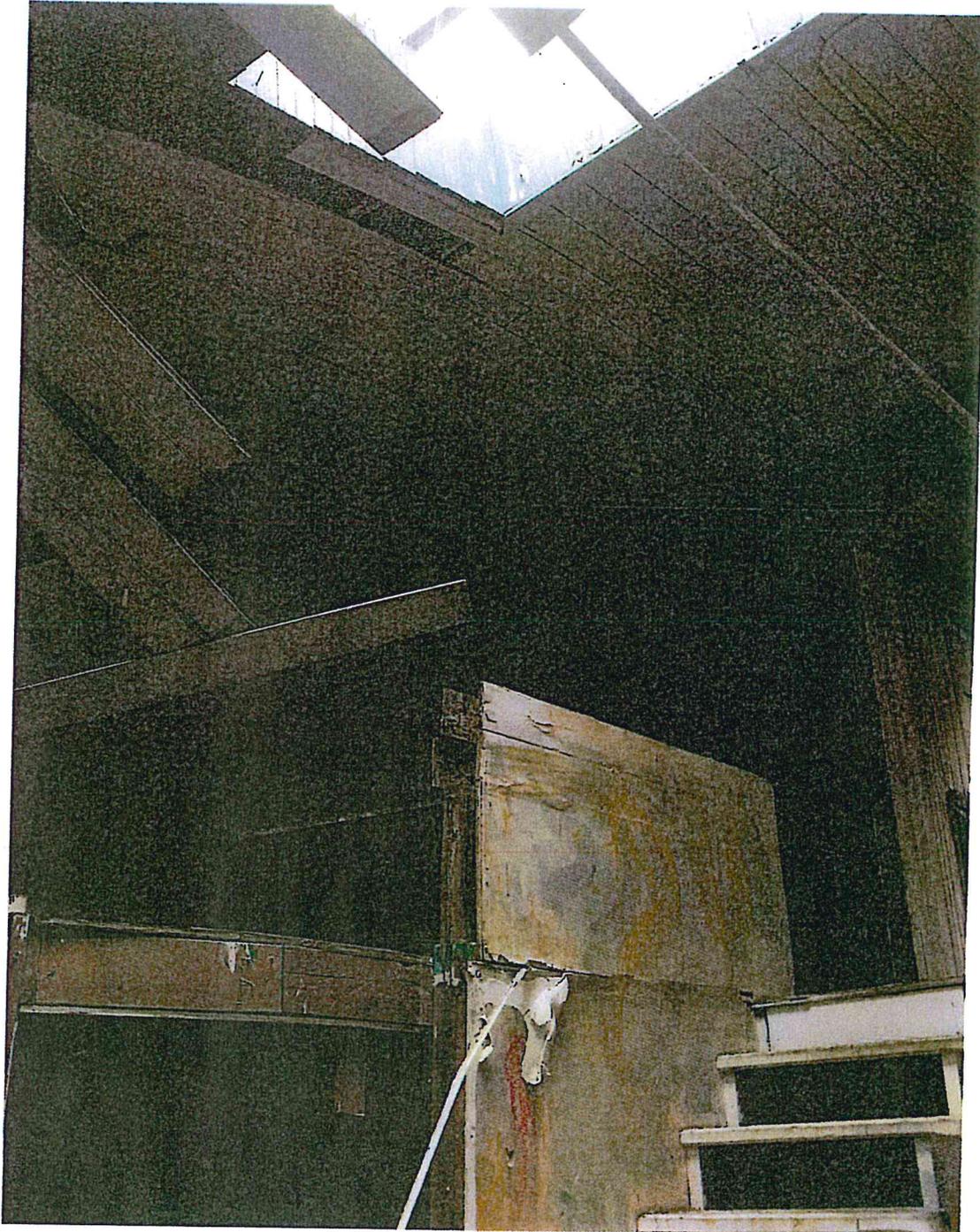
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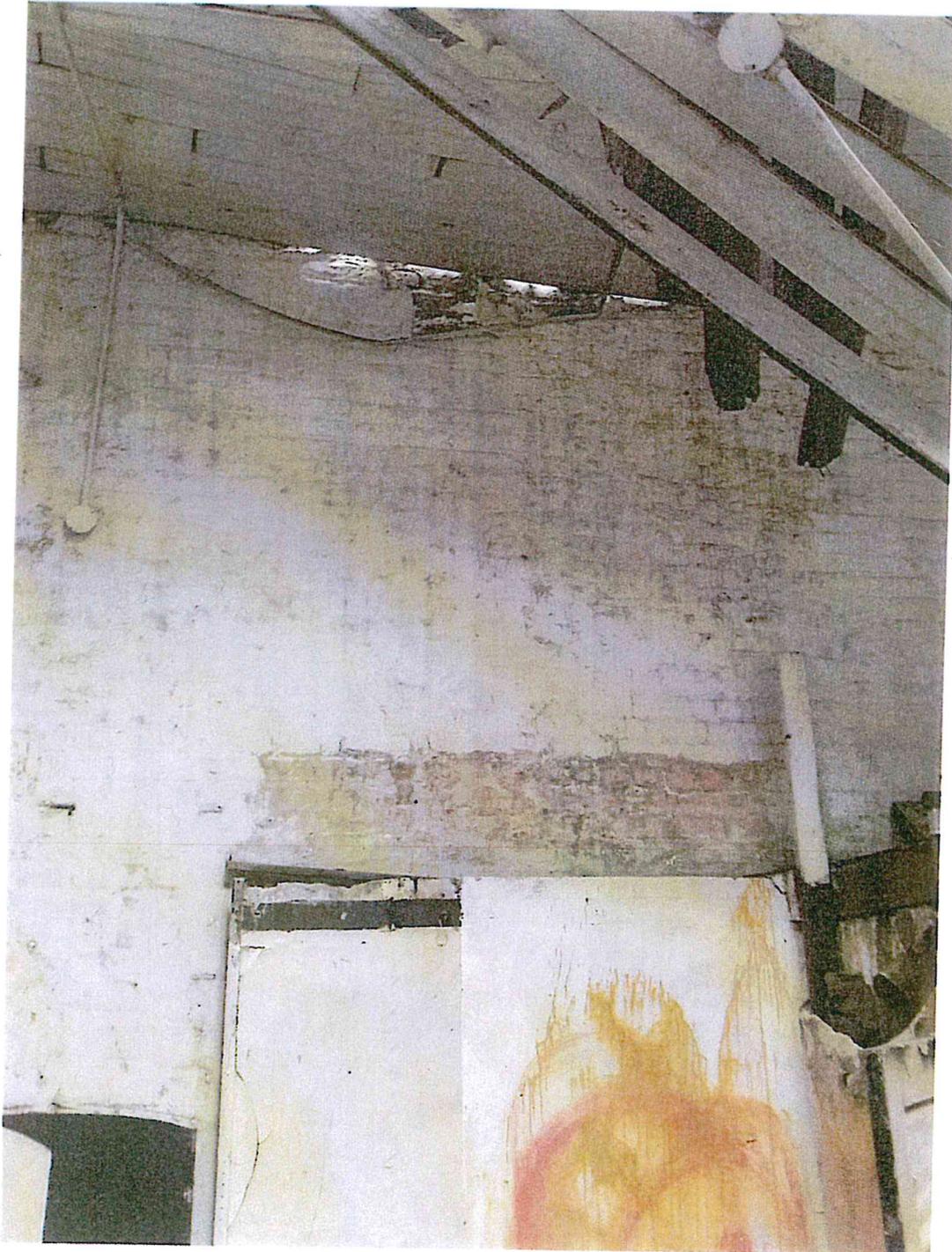
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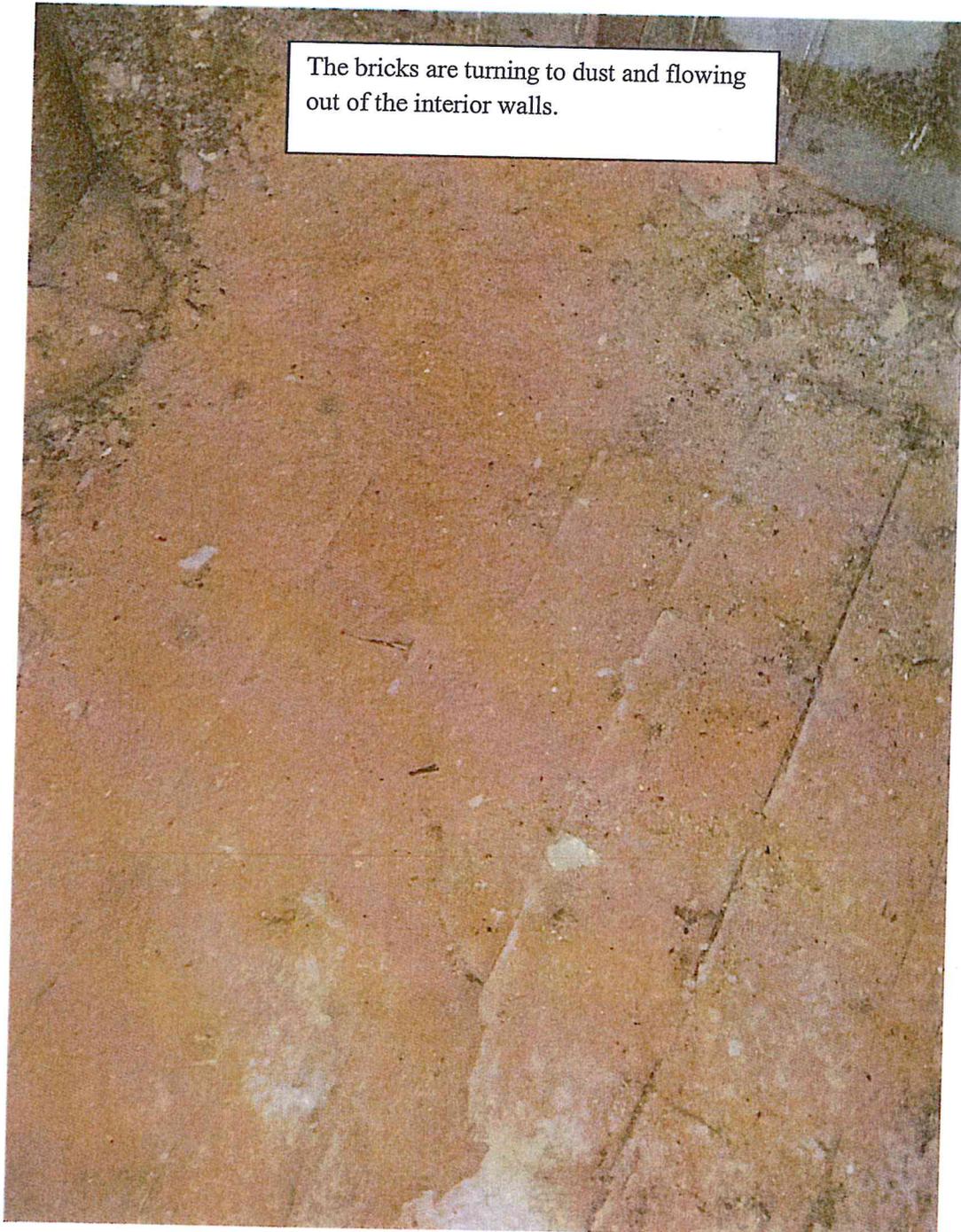
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