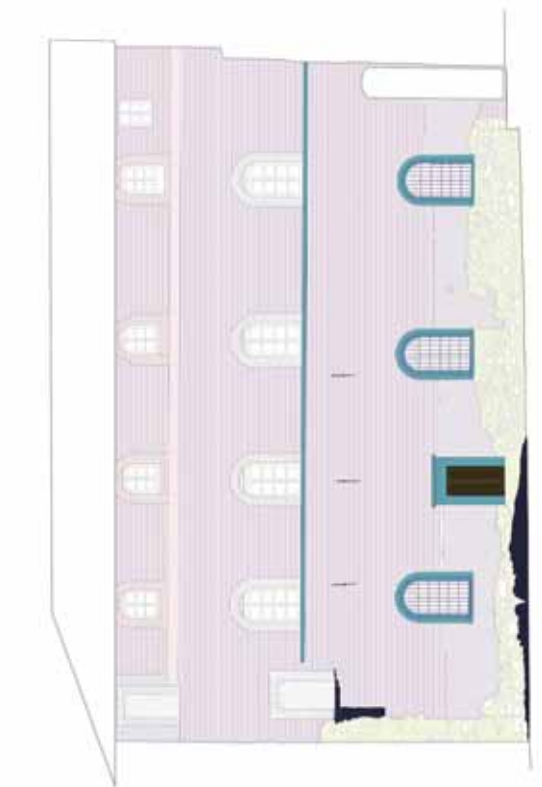


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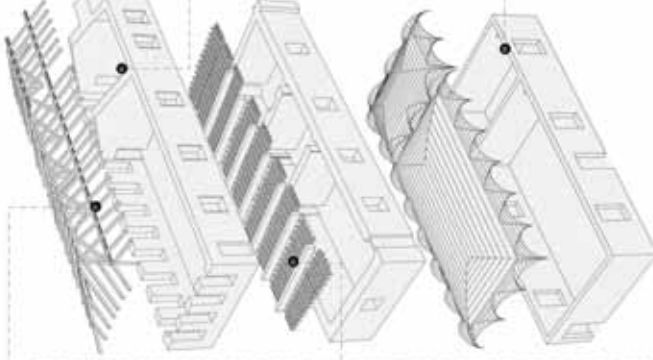
MATERIALS

FLOOR DETACHMENT

The floor detachment is a common structural failure in masonry buildings. It occurs when the floor slab separates from the supporting walls or columns, often due to inadequate reinforcement or poor construction quality. This can lead to significant structural damage and potential collapse of the floor slab.

CRACKED VAULTS

Cracked vaults are a structural issue where the masonry vaults of a building develop cracks. This can be caused by various factors such as uneven settlement, overloading, or poor construction. Cracks in vaults can compromise the structural integrity and require repair.

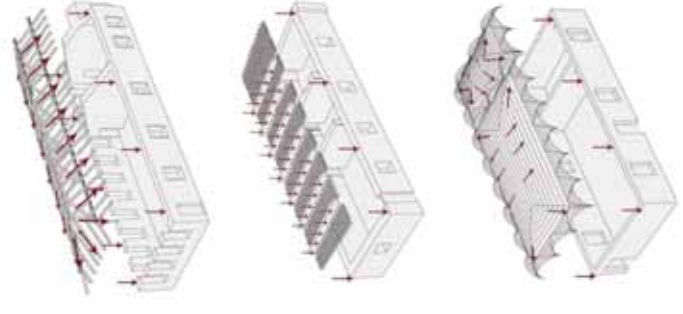


TRUSS DECAY

Truss decay is a structural failure where the wooden trusses of a roof or floor system deteriorate due to rot, insect damage, or other factors. This can lead to a loss of structural strength and potential collapse of the roof or floor.

LACUNAR CEILING

Lacunar ceilings are characterized by irregular, honeycomb-like openings in the ceiling surface. This is often the result of insect infestation or mold growth, which has eaten away at the masonry or plaster.




This section provides a detailed architectural analysis of the building, including floor plans, cross-sections, and material specifications. It highlights the structural layout and identifies areas of concern or damage.