

VIGAR AND ASSOCIATES cc

Consulting Structural and Civil Engineers

Member South African Association of Consulting Engineers

50 yrs

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Att: To Whom it may Concern

Email: **Our Ref:** Y2021-040 **Date:** 19 July 2021

Dear Sir/Madam

RE: STRUCTURAL EVALUATION REPORT

A site inspection was conducted on Monday 19th July 2020, by Philani Vithi a representative of Vigar & Associates Consulting Structural and Civil Engineers, to evaluate the Structural integrity of the above mentioned address.

The extent of the fire was observed by conducting the general inspection on all structural members, notably the roof, beams, walls and floors. We carefully adjudicated all of these and none were found to be structurally sound, It is our opinion that to make the area safe, the entire building must be demolished and rebuilt.

Please find below photographic evidence of the defects outstanding.

1. The properties of the reinforced concrete beam are greatly affected by the fire developed in a building, followed in extreme case by collapse as the beam is cracked. The beam must be completely demolished.







2. The brick rubbles and the roof resulted in structural collapse to damage the internal floor.



Regards Philani Vithi

