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Victoria Country Club Estate, Peter Brown Drive, The Mews, Unit E, 22 Montrose Park Boulevard, Pietermaritzburg, 3201
PO Box 325, Pietermaritzburg, 3200

Jumbo Store
180 Church Street
Pietermaritzburg
3201

Att: To Whom it may Concern
Email:

Our Ref: Y2021-039
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 concrete Arch, stubs and precast columns are structurally intact.



2. The façade of Jumbo store is still intact, the fire did not developed to this area.



3. Roller shutter door still intact.



4. The internal of the store is completely damaged as a result of fire developed, steel beams that were supporting high walls are sagging thus they cannot be salvaged or re-used. Concrete floor is also damaged by the collapse of the suspended ceiling, brick wall and timber roof,



5. Some of the steel beams are in a good shape to be re-used but not to be salvaged for the existing structure, there is a high risk of the walls being crumbled.



6. The steel members lost almost all the rigidity on the walls thus creating a high risk of collapse and serious deformation of the steel was observed.



7. The damaged to the staircase is extreme and it must be demolished. The wall compartmentalising Rage store and the staircase is structural sound.



8. All first floor brick walls must be demolished, they are not in good quality to be saved and there is high risk of a further collapse.





Regards
Philani Vithi

~~P B Vithi~~