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Our ref: 5229-20 Araucaria Road

10 July 2019

20 Araucaria Road
Winklespruit
4145

Dear Sazi Mgbhozi

INSPECTION OF EXISTING TIMBER ROOF OVER 20 ARAUCARIA ROAD, WINKLESPRUIT

INTRODUCTION

Following a request, we confirm that, on the 08th of July 2018, Professional Certified Roof Inspector Anthony Sundarparasad carried out inspection of the timber roof construction at the above premises. Our observations and recommendations are recorded herewith.

OBSERVATIONS

The roof construction comprises of asbestos slate tiles which are fixed to site made Oregon pine roof trusses, the trusses span approximately 6m framed in as a gable to gable. Access into the roof was gain through a trap door. Inspection within the roof space found the timber trusses infested with wood borer, the tiling battens have wood borer damage too furthermore there was no evidence of lateral bracing in the roof structure.

CONCLUSION AND RECOMMENDATIONS

The roof construction does not comply with SABS 0163 The structural use of timber, Allowable Stress Design & SABS 10400 Part L. We are of the opinion that no remedial work can be done to salvage the existing trusses and the roof to be replaced in its entirety with new prefabricated engineered timber roof trusses.

Yours Sincerely

Gavin R Brown and Associates cc