A.C. MC LENNAN Dip.Arch. BArch. Sc. SACAP Registration No.7628 GBCSA Accredited Professional email: freddiem@iafrica.com ph. 083 4616666 / 27 21-4220831

February 23rd 2023

#### WATERPROOFING REPORT FOR BOO-KAAP MUSEUM, 71 WALE ST. CAPE TOWN

Client:
Francois Nortje
francoisN@o-l.co.za
Cell No. 082 7770044
Osmond Lange Architects.
021 948 1877

## **CONDITIONS**

This report is the property of the client and may be used provided that it is used in full or, where an abridgement or a summary of the report is used, the writer's prior approval of the relevant extract abridgement or summary is obtained, and provided that the writer is indemnified against any claim for damages which may result from the use of the report.

#### ROOF INSPECTION ON 17<sup>TH</sup> FEBRUARY

#### **BASIC LAYOUT**

There is the Main reception building fronting Wale St. with community centre and adjacent buildings behind.

#### ENTRANCE ROOF TO COMMUNITY CENTRE.







#### RECOMMENDATIONS.

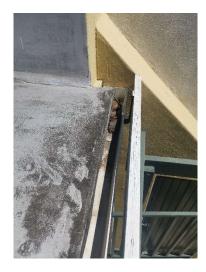
Clean debris in gutter.

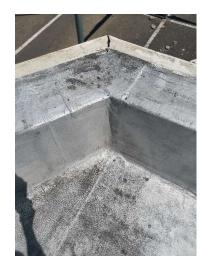
The waterproofing is basically sound.

Wire brush surface and apply two coats of water based Bituminous Aluminium paint.

#### PLASTER CRACK IN PARAPET

Ask engineer to determine cause of crack and follow recommendations thereafter.







## UPPER ROOF TO COMMUNITY CENTRE







RECOMMENDATIONS FOR UPPER ROOF

I would recommend that this roof replaced shortly as there are signs of water ingress below roof head and along gutter above windows.

## ABLUTION BLOCK TO COMMUNITY CENTRE



RECOMMENDATIONS
Roof appears sound with no sign of water ingress.

# LOWER ROOF AND ROOF TO MAIN BULIDING



## RECOMMENDATIONDS.

Although some fixings have been treated with Flash Harry self adhesive patches there is no evidence of any water ingress. Keep monitoring roof over winter period.





## RECOMMENDATIONS FOR UPPER ROOF TO MAIN BUILDING

The waterproofing is basically sound.

Wire brush surface and apply two coats of water based Bituminous Aluminium paint. If properly maintained the life expectancy of this membrane will be undetermined.

**END OF REPORT**