

**PERMIT APPLICATION IN TERMS OF THE KZN HERITAGE ACT (SECTION 33(1)(A)
FOR THE ADDITION ON A STRUCTURE WHICH IS NEARBY OTHER
STRUCTURES THAT ARE ODER THAN 60 YEARS FOR THE
PROPOSED INSTALATION OF MTN CELLULAR ANTENNAE AND CONTAINER ON
THE ROOFTOP OF THE UNIVERSITY OF NATAL DURBAN (UKZN) E G MALHERBE
LIBRARY (NOT 60YEARS) BUT 85M FROM HOWARD COLLEGE AND 170M FROM
MEMORIAL TOWER BUILDING**

A: LOCALITY ADDRESS AND PROPERTY DESCRIPTION:

ROOFTOP INSTALLATION AT E G MALHERBE LIBRARY UKZN DURBAN CAMPUS
KING GEORGEV AVENUE
DURBAN

The EG Marlherbe Library Building has been built over 8 Erven including the road known as King George V Avenue, Durban, as per the attached GIS Screenshot.

These Erven are:

1. REMAINDER OF ERF 492 CATO MANOR
2. REMAINDER OF ERF 490 CATO MANOR
3. PORTION 1 OF ERF 487 CATO MANOR
4. REMAINDER OF ERF 487 CATO MANOR
5. PORTION 10 OF ERF 487 CATO MANOR
6. PORTION 1 OF ERF 490 CATO MANOR
7. ERF 5835 DURBAN
8. ERF 5710 DURBAN

The following Erven form part of the road known as King George V Avenue

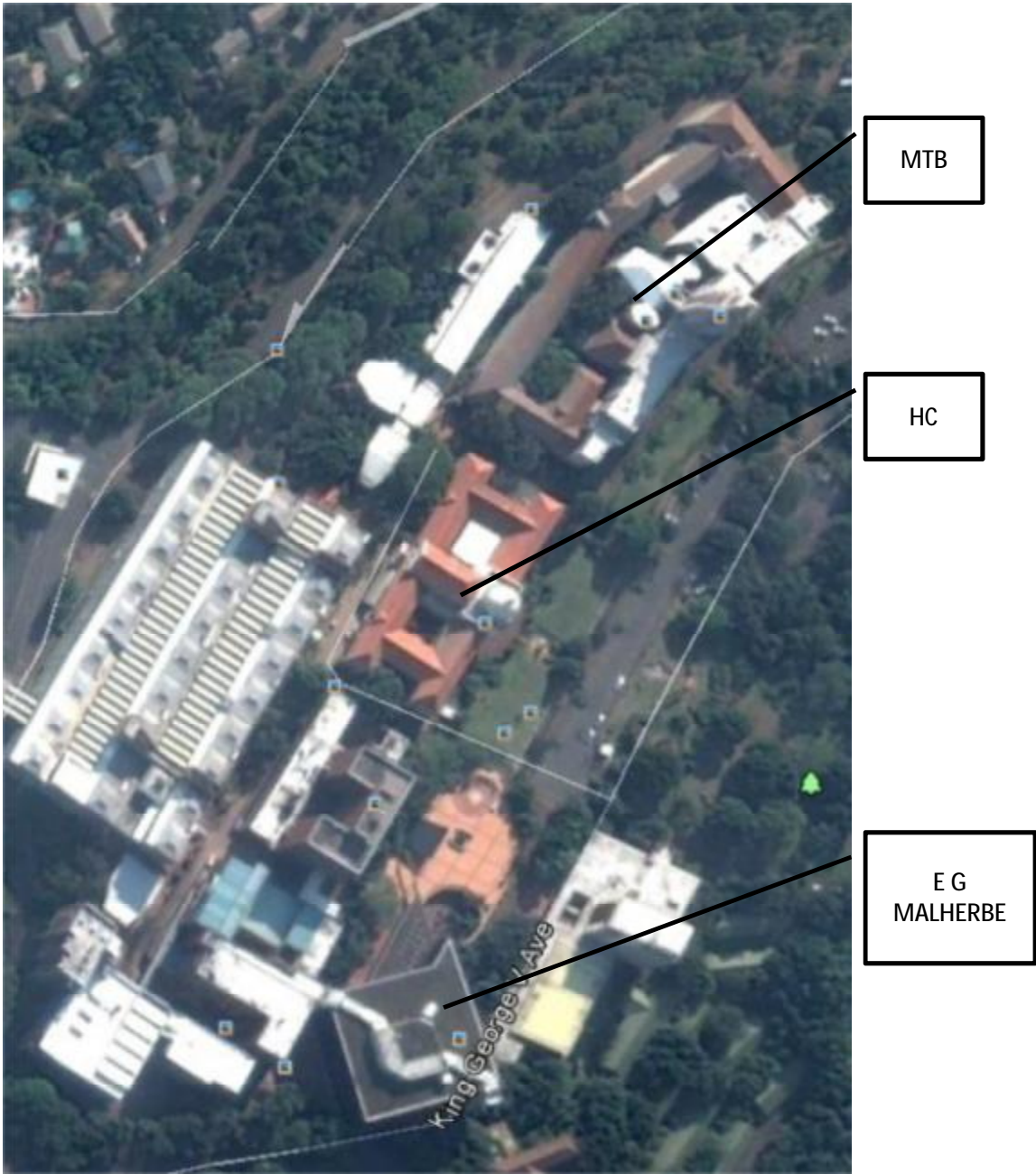
REMAINDER OF ERF 487 CATO
MANOR PORTION 10 OF ERF 487
CATO MANOR PORTION 1 OF ERF
490 CATO MANOR ERF 5835
DURBAN

MTN in its application to eThekwini Municipality has chosen to use Erf at the top of the list namely REMAINDER OF ERF 492 CATO MANOR as the Primary Erf for the application as this is the property that the actual Howard College building is built on and is considered the Heart of the University of Kwa Zulu-Natal, Howard College Campus.



B: HISTORICAL SIGNIFICANCE

- 1. The E G Malherbe Library was constructed in the 1980s and as such does not itself require a permit but it is located 85m from Howard College (HC) and 175m from Memorial Tower Building (MTB) which are older than 60 years.



2. Howard College and the Memorial Tower Building have a historical significance both architecturally and culturally by virtue of their unique architectural style and landmark status. However neither of these buildings will be impacted upon by the proposed cellular rooftop antennae and container as the cellular infrastructure will not be visible as per the images below.



E G MALHERBE
LIBRARY

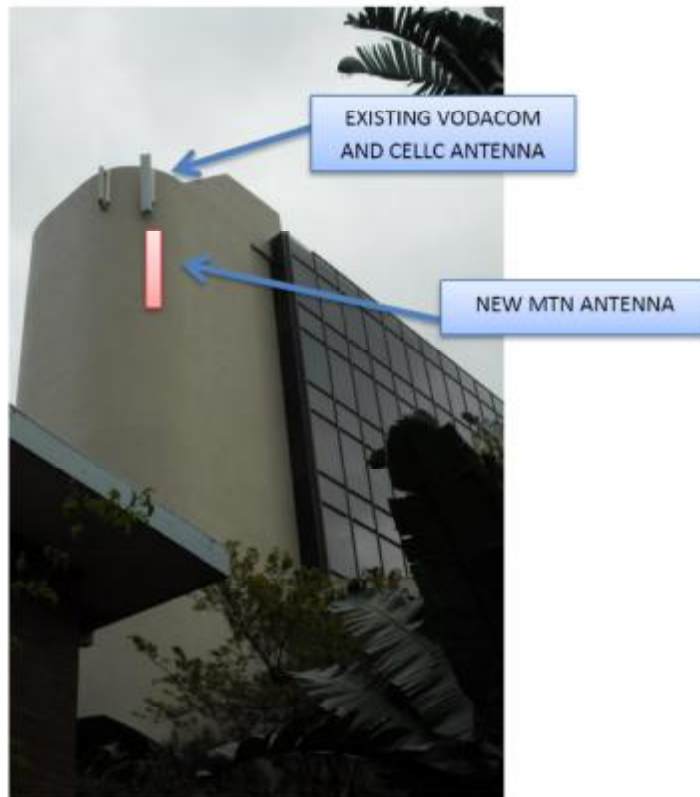
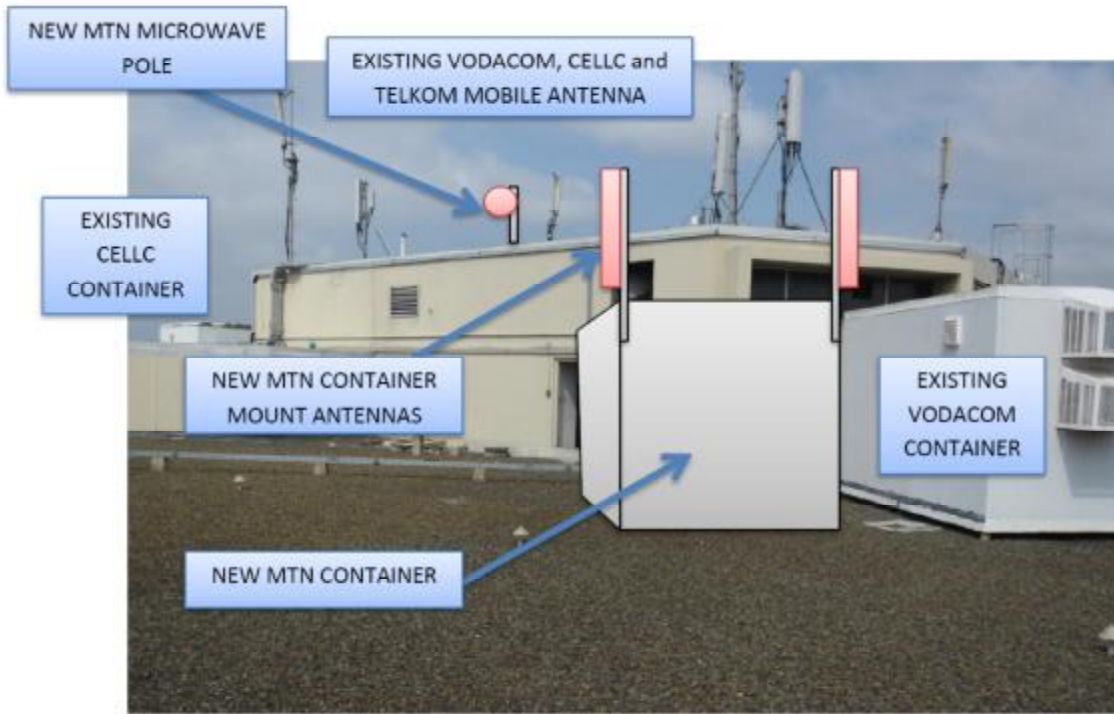
E G MALHERBE BIBRARY WITH EXISTING ANTENNAE

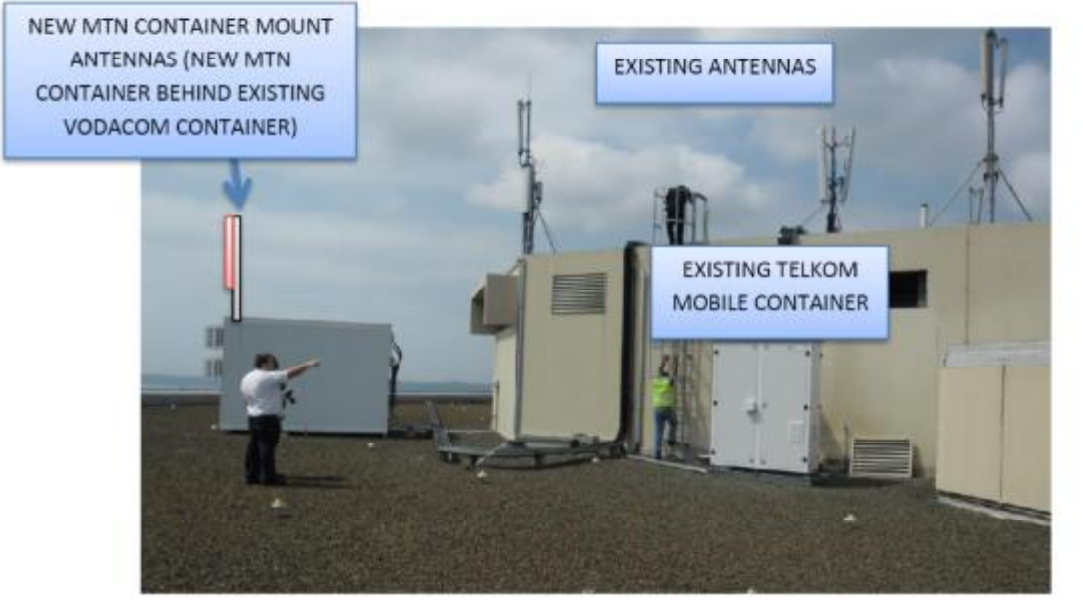


HOWARD COLLEGE IN FOREGROUND AND MEMORIAL TOWER BUILDING BEHIND

C: PROPOSED WORKS

See attached Building plans as well as photo images illustrating the proposed installation in red. The existing cellular telecommunication infrastructure is evident in close up pictures but is not really visible from afar.





C: MOTIVATION AND CONCLUSION

As can be seen from the above the proposed infrastructure is not visibly intrusive and as such will not impact on the historical value of the two listed buildings. It is further noted that the telecommunication infrastructure is in keeping with the technologically modern glass clad building on which it is to be mounted.

The existing MTN cellular coverage in the area is not very good and in this respect it is necessary to supplement and enhance the service by providing an additional infrastructure and capacity in this high traffic area. MTN is required to continually upgrade and expand the current cellular network to keep up with advancing technology and escalating demand. This advancing cellular technology incorporates internet connectivity in addition to cellular telephony and more and more subscribers rely on their cellular networks for internet connections as modems or directly through their handsets. Internet connections use up far more of the network capacity than regular calls and consequently the current networks are rapidly becoming inadequate resulting in dropped calls.

It is imperative that MTN as a service provider ensure that the network keeps up with demand in one of SA primary academic centers and this is borne out by the fact that MTN and the University are working closely together in respect of this proposal.

In conclusion, this proposal is not highly visible, it provides a vital service and does not impact on the nearby historically significant buildings.



John Royal
SACAP 2908
John Royal Architects cc