

Grahamstown, Eastern Cape, SA





5 Star Green Star SA – Public & Education Buiding PILOT Rating Achieved in November 2013

The National English Literature Museum development is situated within the well-established residential suburb, Grahamstown. The development will enhance the area by introducing facilities such as: a mini-theatre, outside amphitheater, exhibition area, archives, library, and museum offices. The museum will not be fenced and therefor provide park-like, landscaped areas as active play areas for the surrounding community to enjoy. The outside amphitheater and mini theater are facilities provided to be used for community activities as needed by the public. The location is ideal as the development is within close proximity to a variety of learning institution and public amenities which can make daily use of the museum.

The building does not only educate the public about literature, artworks and artifacts of national and international significance but provides another educational layer by displaying and being a precedent study of a Green Public and Educational building.

STRUCTURAL/CIVIL ENGINEER

Camdekon Engineers

Albrecht Knight

Albrecht Knight

Camdekon Engineers

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

WET SERVICES ENGINEER

Sustainable building features include:

- HVAC system: VRV system with multiple volume chimney stack to facilitate natural ventilation and free cooling in circulation and open areas on the courtyard edge of the building.
- Water: rain water is harvested form the roof area and used for toilet and urinal flushing.
- Electrical: a PV installation is included on the roof of the north wing, and provides approximately 7-8% of the buildings total energy demand.
- DHW: hot water is provided via a heat pump installation.
- There is one lift in the building, located in the east wing and serving 4 storeys.

PROJECT TEAM:

OWNER Dept. Of Public Works

GREEN STAR SA ACCREDITED PROFESSIONAL(S) Solid Green

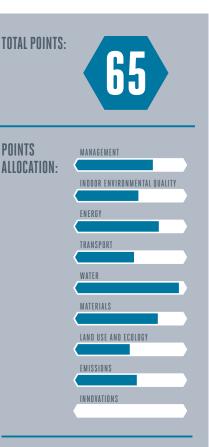
PROJECT MANAGER Public Works

ARCHITECT Intsika Architects _____

QUANTITY SURVEYOR Bisiwe van Niekerk INC

ACOUSTIC CONSULTANT Mackenzie Hoy Consulting Acoustics Engineers

LANDSCAPING CONSULTANT Red landscape Architects



PROJECT FLOOR AREAS:

TOTAL GROSS FLOOR AREA 1 (GFA): 10 TOTAL COMMERCIAL 5 OFFICE AREA: 5 CAR PARKING 1 AREA: 1



GREEN STAR SA CERTIFICATION

The Green Building Council of South Africa hereby awards

National English Literary Museum



Category: Design v1

Year certified: 2013





23 November 2013





BUNNERUP Highest Rated Building 2013/14

Awarded to:

NATIONAL ENGLISH LITERATURE MUSEUM

The Green Building Council South Africa congratulates the **National English** Literature Museum, Rhodes University, Grahamstown, as runner-up for the highest rated building 2013/2014.

Developed by the Department of Public Works, this 5 star Design rating achieved a total of 65 points. The Accredited Professional on this submission was **Marloes Reinink from Solid Green Consulting.**

This award is given to the project that attains the highest number of points in the final rating during the period under consideration.

We recognise the significant contribution you are making to the green building movement and encourage you to continue leading by example.

"A leader is one who knows the way, goes the way, and shows the way." - John Maxwell





10 September 2014





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