



NATIONAL ENGLISH LITERARY MUSEUM

Grahamstown, Eastern Cape, SA



5 Star Green Star SA – Public & Education Building 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 therefore 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.

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 from 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

STRUCTURAL/CIVIL ENGINEER
Camdekon Engineers

MECHANICAL ENGINEER
Albrecht Knight

ELECTRICAL ENGINEER
Albrecht Knight

WET SERVICES ENGINEER
Camdekon Engineers

QUANTITY SURVEYOR
Bisiwe van Niekerk INC

ACOUSTIC CONSULTANT
Mackenzie Hoy Consulting
Acoustics Engineers

LANDSCAPING CONSULTANT
Red landscape Architects

TOTAL POINTS:



POINTS ALLOCATION:



PROJECT FLOOR AREAS:

TOTAL GROSS FLOOR AREA (GFA): **10 812 m²**
 TOTAL COMMERCIAL OFFICE AREA: **5 851 m²**
 CAR PARKING AREA: **10 812 m²**

GREEN STAR SA CERTIFICATION

The Green Building Council of South Africa
hereby awards

National English Literary Museum

PUBLIC & EDUCATION BUILDING



SOUTH AFRICAN EXCELLENCE

Category: Design v1

Year certified: 2013



Chairman



CEO

23 November 2013

Date



RUNNER UP

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



Chairman



CEO

10 September 2014

Date

