



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

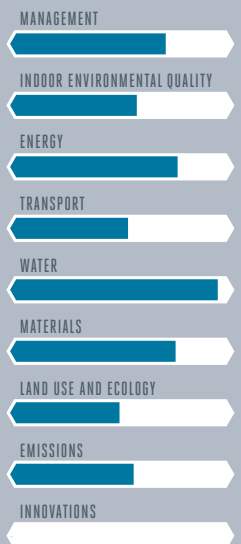
ACOUSTIC CONSULTANT
Mackenzie Hoy Consulting
Acoustics Engineers

LANDSCAPING CONSULTANT
Red landscape Architects

TOTAL POINTS:

65

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