

HOME DESIGN EXPO 2014



Ferreiras
Tile + Bathroom

Out of the Ordinary™



BLUE HILLS
COUNTRY & EQUESTRIAN ESTATE

HOME DESIGN

08



ARCHITECT

Francois Marais Architects

BUILDER

Beucon

SPECS

- Total House Area: 1512m²
- 4x Bedrooms
- Staff Dwelling
- Open Plan Kitchen, Family Room & Dining Room
- Indoor Pool, Jacuzzi & Sauna
- Entertainment Area, Cinema, Bar & Study Pajama Lounge
- Gym, Cellar & Massage Area
- 2x Double Garages

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HOME DESCRIPTION

The built environment is one of the highest energy consumers in the world. South-Africa has only now started forcing designers of the built environment to implement sustainable measures, in order to use less energy according to the new SANS 10400 Building regulations.

Although certain systems such as rain water harvesting, solar energy and water recycling can be implemented, one can decrease the use of energy by introducing passive solar design. These passive solar considerations should be in the mind of the designer when conceptually starting with the design. This can include orientation, shading of openings, and insulation of the building envelope and the use of indigenous vegetation that will allow for control over solar exposure.

By orientating the living areas to ideally be facing north to allow for light and heat to enter the building. The openings can be shaded with the roof overhang or other shading devices to allow for the low lying winter sun to penetrate the interior and avoid the exposure from the summer sun. Indigenous, deciduous trees can also assist with shading in summer and exposing in winter. There are also a variety of different products to insulate the walls, roof and floor to prevent heat loss. On the Highveld we don't have enough wind to adequately make use of wind power. Therefore we can introduce systems such as evaporative and cooling, making use of convection where warm air rises and cooler air descends to cool interiors and allow hot air to escape.

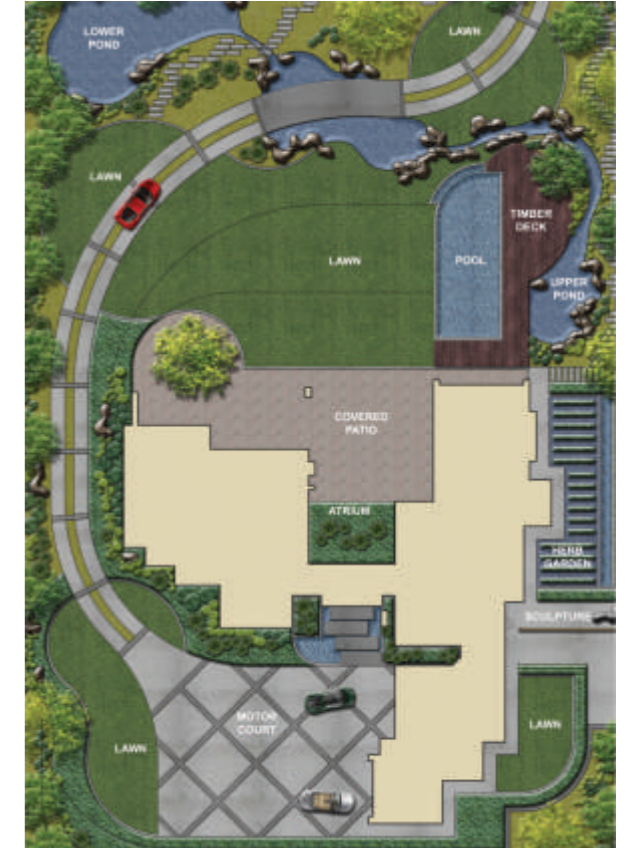


ONE CAN DECREASE THE USE OF ENERGY BY INTRODUCING PASSIVE SOLAR DESIGN

INNOVATION & GREEN DESIGN

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FRANCOIS MARAIS ARCHITECTS

From conception right through to completion, we work closely with our clients. By gaining a clear understanding of their needs and objectives, we're able to provide a detailed architectural design which share the same vision and delivers the optimum solution. Pushing the limits of engineering, we've worked hard to build a varied and extensive portfolio that showcases our ability to produce signature buildings which test the conventional boundaries of modern architecture and design.

We're committed to developing forward-thinking 'green' designs which make use of the very latest in eco-friendly technologies and materials to produce intelligent, sophisticated and sustainable buildings. Our in-house interior design team work alongside our structural design team to ensure that each individual aspect of design works together to reach a common goal. Marked by an innovative use of space and close attention to detail, our architectural designs blur the line between interior and exterior to create liveable spaces which engage and compliment their surroundings in a unique and organic way.

Find out more about our Architects work. See examples of our architectural and interior designs in our extensive online galleries and contact Francois Marais Architects today to discuss your project in further detail.

BEUCON

We at BEUCON are making it our policy to build the best projects at the most economical prices throughout South Africa. Our clients will benefit from our knowledge and expert workmanship.

We deal with each client and project in a professional, safe manner and take a proactive approach to ensuring health and safety standards are maintained.

As a building Contractor we can tackle even the largest contracts with complete confidence, we are also equally adept at handling the smallest jobs. But no matter how big or small the project, we take great pride in the quality of our workmanship and will always ensure each job is completed to the highest standard, on time and within budget. Our highly experienced and well-trained workforce has a wealth of experience and is committed to providing a level of personal customer care that's unrivalled in the industry.

CONTACT

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This home was specifically designed to fit into this prestigious lifestyle estate. It conforms to the Blue Hills' uniquely South African style of architecture which embraces "green living" and open space.

For more information on this estate or to arrange an exclusive meeting, please feel free to contact our representative:

Rob Emmett:
— 082 882 5087 —



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