

HOME DESIGN EXPO 2014



Ferreiras
Tile + Bathroom

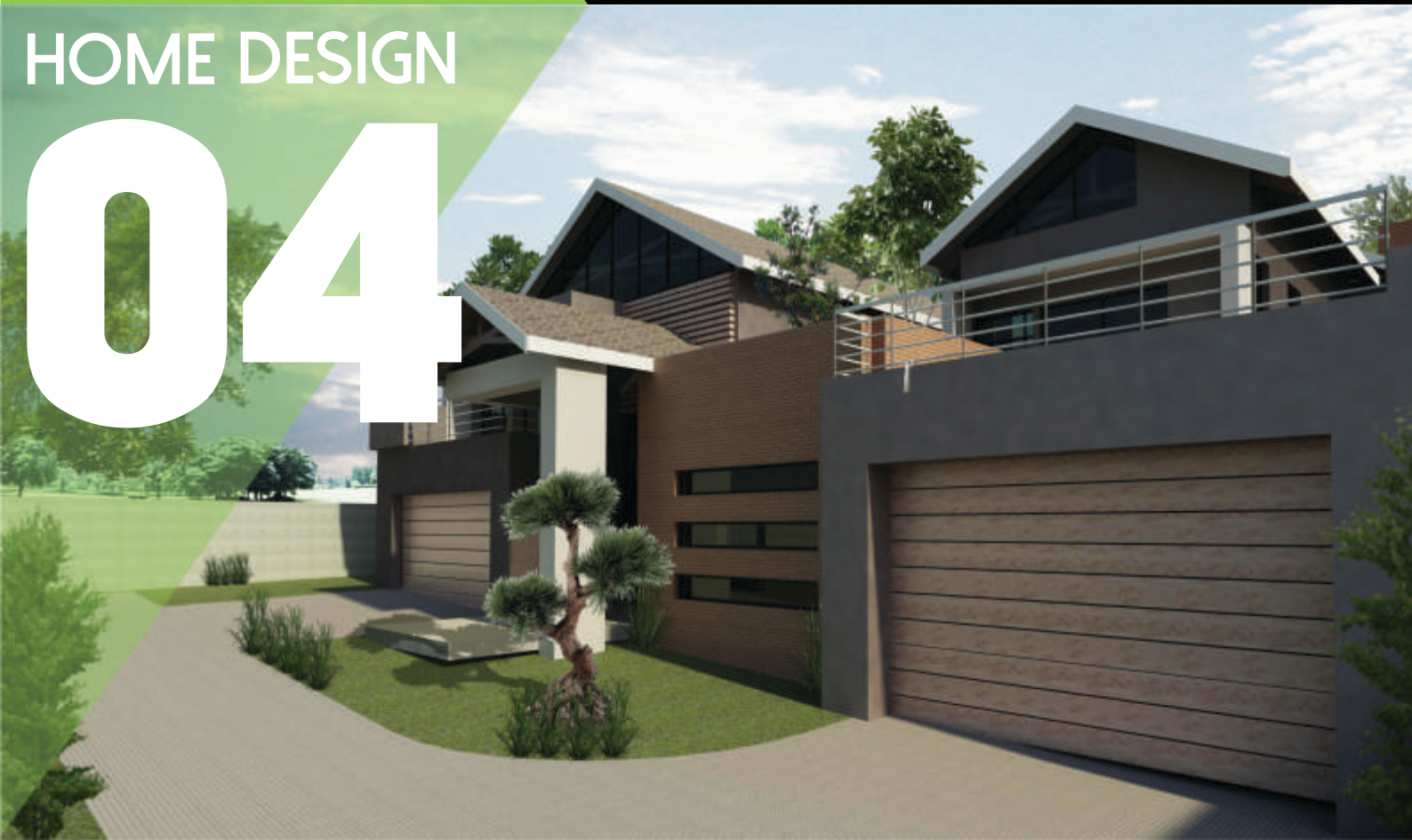
Out of the Ordinary™



THE HILLS
GAME RESERVE LIFESTYLE ESTATE

HOME DESIGN

04



► ARCHITECT

Francois Marais Architects

► BUILDER

Beucon

► SPECS

- 4 Bedrooms with en-suite bathroom
- Separate staff quarters
- Open plan kitchen, separate scullery
- Open plan dining room, family room and pajama lounge
- Entertainment area and covered patio with braai
- Central atrium, jacuzzi and swimming pool

HOME DESIGN

04



HOME DESCRIPTION

The design of the new residence in the *The Hills Estate*, focuses on the marriage of old and new, modern elements combined with the traditional style of the Highveld vernacular, where the combination gives birth to a unique residential design, suited for the context, rooted in its rich history but will stand the test of time. Francois Marais Architects with its experience in energy efficiency in buildings, having completed a 4 star green star rated building brings this knowledge to the design. The residence is orientated to the north allowing the Northern sunlight to naturally light and warm the interior of the building. Smaller windows and cavity walls on the western façade, help regulate the temperature from the intense western sun. The high sun angles during the summer create shadows over the windows keeping the residence cool. The lower sun angle during the winter penetrates the windows below the slabs to provide adequate exposure to the sun. The use of the bund wall concept allows for the northern walls to be heated during the day and allows the wide wall mass to radiate the heat over a period of 8 hours ensuring a constant temperature within the residence. The orientation allows for adequate solar exposure to all living spaces, while the residence opens itself up to the flow of indoor and outdoor spaces. The central atrium is not only designed as a feature but is also used to regulate the temperature in the building. The greenery and water features in this area cools the air which then cools the residence in summer. The atrium is used to bring light into the southern areas of the building and also provide heat during the winter when the sun angle is lower.



THE HILLS

GAME RESERVE LIFESTYLE ESTATE

This home was specifically designed to fit into this prestigious lifestyle estate. It conforms to the 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 one of our representatives.

Augustine: 083 635 5215

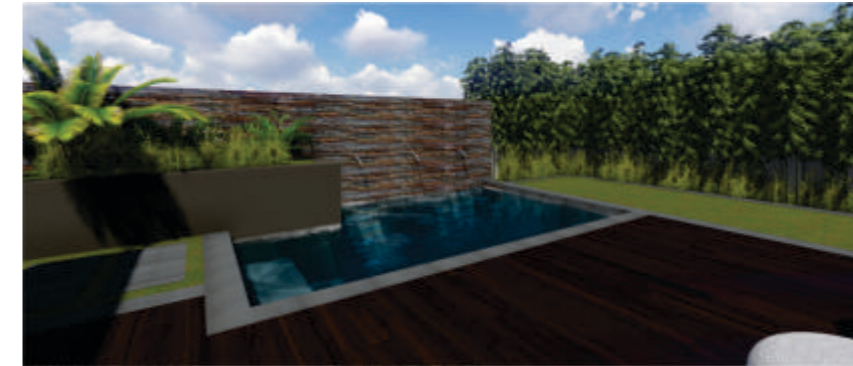
Les: 084 075 3270



► FOCUSES ON THE MARRIAGE OF OLD AND NEW

INNOVATION & GREEN DESIGN

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. We can introduce systems such as evaporative cooling, making use of convection where warm air rises and cooler air descends to cool interiors and allow hot air to escape. It is of great importance to allow for comfortable living environments by designing with the environment and integrating these simple principles.



► THE ORIENTATION ALLOWS FOR ADEQUATE SOLAR EXPOSURE

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

► **Francois Marais Architects**
www.fmarchitects.co.za
Francois Marais
francois@fmarchitects.co.za
011 615 9105

► **Beucon**
www.beucon.co.za
Wayne Beuthin
wayne@beucon.co.za
076 974 5941



THE HILLS
GAME RESERVE LIFESTYLE ESTATE
HOME DESIGN

04

SPONSORS

HOME
DESIGN
EXPO 2014

Micah
kitchens

Inspiring Living Spaces



▶ **Micah Kitchens**
www.micah.co.za
Werner
micah.werner@gmail.com
011 826 6187

▶ **VH Consulting**
www.vh-consulting.co.za
Vasco
vasco@vh-consulting.co.za
011 425 0932

▶ **SMEG**
www.smeg.co.za
Smeg Eastgate
info@smeg.co.za
011 656 0025

▶ **BNC Automation**
www.bnctechnology.co.za
Nick
nick@bnctechnology.co.za
011 023 7662

▶ **Silverbirch Gardens**
www.silverbirch-gardens.co.za
Richard
silverbirch@polka.co.za
082 827 0780

▶ **Hennessy Plumbing**
-
Bryce
henplum@mweb.co.za
082 870 0947

▶ **The Flooring Company**
www.theflooringcompany.co.za
Johan
johan@theflooringcompany.co.za
011 894 3545

▶ **Classic trading**
www.classictrading.net
Shaheer
shaheer@classictrading.net
031 579 1900

▶ **IPES Projects**
-
Tinus
ipespro@mweb.co.za
082 851 6776

▶ **Lava Fires**
www.lavafires.co.za
Morne
morne@lavafires.co.za
011 444 4327

▶ **CT Coatings**
www.ctcoatings.co.za
Henny
info@ctcoatings.co.za
083 267 2161

▶ **Dejan Custom Furniture Design**
www.dejan.co.za
Dejan
info@dejan.co.za
011 828 6661

▶ **MPR Stone**
www.mprnaturalstone.co.za
Maddalena
maddalena@mprstone.co.za
086 012 3766

▶ **Archland Design Studios**
www.archlanddesignstudios.com
Alan Dixon
adixon@adstudio.co.za
012 654 9370



www.century.co.za