

Boschhoek Update October 2012

With a view to conceptualising your bush lodge, this issue places the emphasis on roofs, complementing our June newsletter <http://www.boschhoekmountain.co.za/files/June%202012.pdf> which had various other structural elements as object.

There is host of options, traditional as well as alternative, that will perfectly blend in with the bush. Kindly note that this is not intended as a blueprint or as an endorsement of the suitability of any material for the particular application. It is meant to induce some lateral thinking and to assist in generating further ideas. Also have a word with your architect or the Boschhoek Control Architect Gerd Bolt at (083) 285-6789 bolt@mweb.co.za. Gerd is also compiling a process-and-plan checklist to assist in smoothing out your bush lodge conceptualisation and planning.

The various types of traditional dark coloured tiles, dark coloured corrugated iron and traditional thatch (of which the associated fire risk and maintenance requirements has been noted) are in principle quite acceptable and fairly well known to all. With a view to generating fresh ideas, we'll leave them aside for now and consider a couple of novel (and often also ancient) approaches to covering our homes and our hearths.

Ordinary corrugated iron is inexpensive, but highly reflective. A stone layer overcomes this drawback beautifully, and blends in perfectly. A layer of thatch can be used underneath the corrugated iron for additional thermal insulation.



Picture by Gerd Bolt Architect

Thatch&Slate provides protection on the outside with the thermal insulation of thatch underneath.



By Hillbilly Homes Architects

Harveythatch is a lightweight steel tile thatch look-alike.



<http://www.hrp.co.za/brochures/Harvey-Thatch-Brochure.pdf> and <http://www.hrp.co.za/product/harveyhatch-shaketile>



Eazi-Thatch Cape reed thatch tiles are moulded to a polyurethane base.



<http://www.watertiteprojects.co.za/ez/>

Fiber Thatch Synthetic Thatch may be more expensive than traditional thatch, but is claimed to be maintenance free and not susceptible to fire.



<http://www.fiberthatch.com/>

Sod Roof. If done correctly, this blends in perfectly, has excellent insulation qualities and can be inexpensive. With many lodges on Boschhoek expected to be situated against the foot of a ridge, the configuration below is something to consider.



From <http://www.ccarchitects.co.za/pdf/MountainRetreat1.pdf> and <http://www.ccarchitects.co.za/pdf/MountainRetreat2.pdf>

Long Wooden Shingles using log quartering waste should be used in conjunction with some specific innovative waterproofing applications.



By Hillbilly Homes Architects



Corrugated Iron (or Canvas) covered with Lattice. Inexpensive and eclectic, this can be used in combination with a reed, thatch or other underlay for insulation.



As used in a wall configuration at the Mbizi Lodge outside Bela-Bela

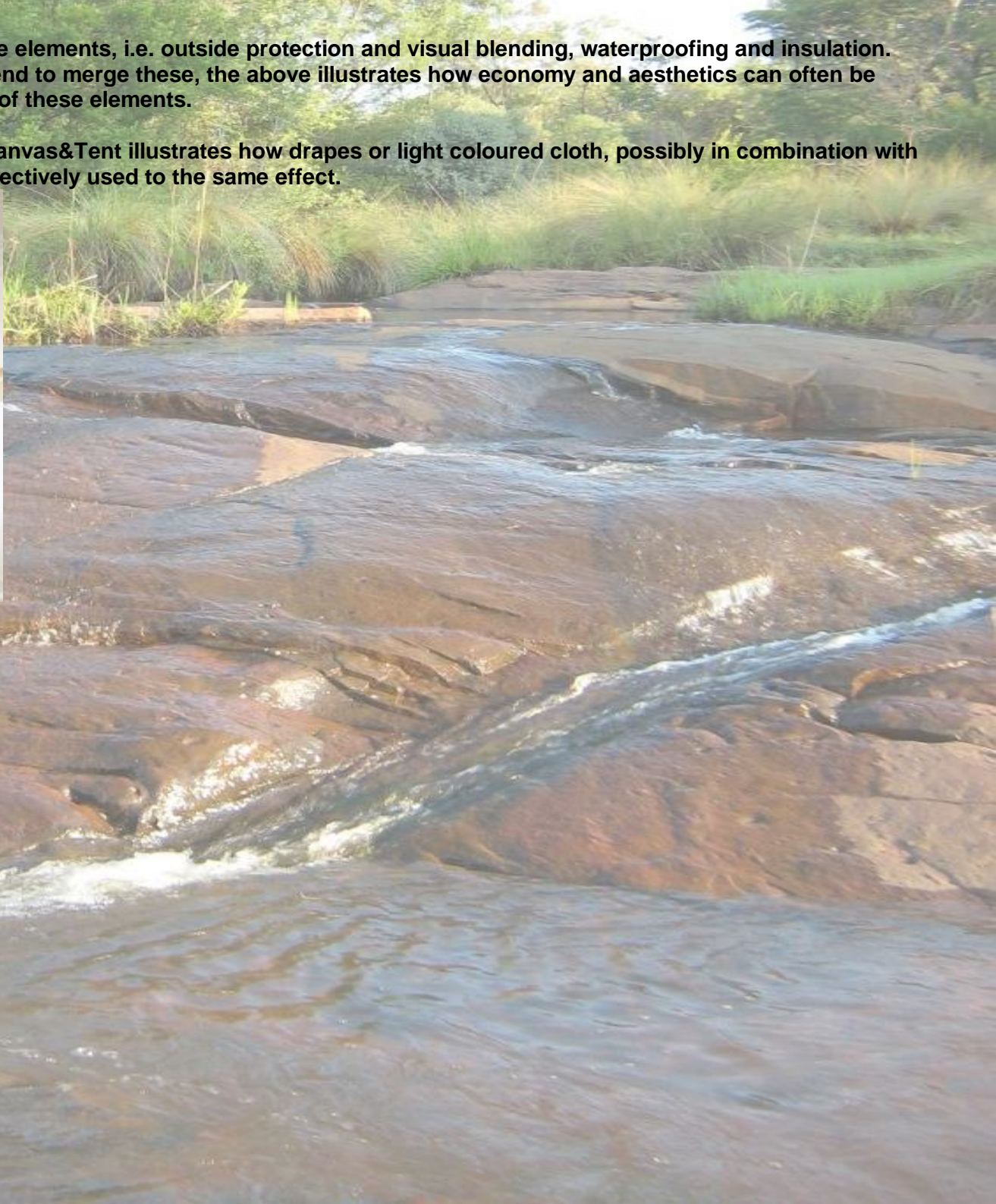
A Corbelled Stone Roof is another time tested method to consider.



By Hillbilly Homes Architects

In layman's essence, a roof would typically consist of three elements, i.e. outside protection and visual blending, waterproofing and insulation. Whilst modern roofing materials such as traditional tiles tend to merge these, the above illustrates how economy and aesthetics can often be enhanced by also using natural materials for one or more of these elements.

Whilst traditional ceilings can be used on the inside, SA Canvas&Tent illustrates how drapes or light coloured cloth, possibly in combination with thatch, reed or other under roof insulation, can be very effectively used to the same effect.



The concepts illustrated above are not exhaustive - there are numerous other possibilities. Get thinking and get googling, and please share with us your own roofing inventions and discoveries!

Spring greetings!

The Boschhoek Team

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Full title 1-2 Ha stands from R399 000; Stand PLUS Bush Lodge from R750 000 (or less)
Waterberg (Modimolle/Nylstroom) 1.5 hrs from Pretoria, 2 hours from Johannesburg

