



# PACIFIC COAST DESIGN

## BLACK MOUNTAIN GOLF

*“As a golfer, if you do nothing else in your life, you really have to play this one”*

The Thai Nordic Group engaged Pacific Coast Design to Site Master Plan and design this unique Golf Resort about 10 minutes from the beach side resort town of Hua Hin (about 2.5 hours drive south from Bangkok, Thailand).

The site is set beneath a large “black” rock mountain within two main valleys leading off down to the main road and gives rise to spectacular views down the valley, into the distant mountains and back into the black mountain.

Constructed over the past twelve months under the direction of Kjell Asplund (Overall Project Manager) and Gavan Wilson (Golf Project Manager) the site has been transformed into what is destined to become one of the premier golf destinations in Asia.

The first eighteen holes now completed is a Par 72 layout at 7,346 yards (off the back markers and there are five tee systems) and takes the golfer through visually exciting and strategic golf under the imposing shadow of the Black Mountain.

The paspalum fairways and tiff eagle greens are superbly manicured to provide excellent surfaces for golf the year round and combining with lakes and landscape provide a visual feast as the golfer moves through the course. ■



## GOLF AND THE ENVIRONMENT

Note: The technical information in this article can also be copy/pasted from the PCD website.

In many parts of Asia and Australia there are those that attack golf courses as being bad for the environment and elitist. This is a real shame as the golf courses in a lot of growing cities are the only environmental havens left that are fighting rampant pollution.

Many of the cities in Asia for instance are growing so rapidly that governments are not allowing for adequate trees, parks and gardens. Golf Courses may be funded by private individuals as a Club or a business but they still perform a valuable service for those who live in the same cities, regardless of whether they play golf or not. Many local governments are not wishing to pay for the construction and ongoing maintenance of Parks and Gardens but golf course construction and maintenance is funded by those private individuals who play golf.

An average golf green (grass area) produces enough oxygen for 127 people per day, an average nine hole golf course produces enough oxygen for 60,000 people per day and an average 18 hole golf course produces enough oxygen for 120,000 people per day.

Without the golf courses such oxygen would not be added to the daily air in these cities. Golf Course grasses also absorb gaseous pollutants from vehicles, such as carbon dioxide, and serve to combat global warming. Sulphur dioxides from Industrial pollution are also absorbed.

Turf grasses also trap as much as estimated 12 million tons of dust and dirt released annually into the atmosphere, reduce noise by absorbing, deflecting, reflecting and refracting sounds and also on a block of eight average houses, front lawns have the cooling effect of about 70 tons of air conditioning.

Most golf courses also have extensive planting of trees and these trees affect orographical (local) rainfall to the extent that the height of the trees and the friction of the wind reduce the ground speed which does increase the likelihood of precipitation while evaporation close to trees is about 40 per cent of that in the open.

Trees and the rough areas of golf courses attract birds and other wildlife to the area as they act as a home, source of food and haven, thus retaining local wildlife for the benefit of all who live in the area.

Modern golf courses do not rely on chemicals and fertilisers but instead focus on natural systems of management developed specifically by the golf industry. Developers or golfers do not want to pay for chemicals and fertilisers if they do not have to!

The Golf Course within the local environment is a permanent "green" area.



The advantages are for all to enjoy, both golfers and local residents. As modern developments move into traditionally "rural" areas the Golf Course provides an oasis of nature.

Modern golf courses designed by Pacific Coast Design are strategic, creative, have sound specifications, methodical construction and dedicated natural maintenance systems. These are the key factors in establishing an environmentally positive Golf Course. ■

## CLOVER GREENS BANGALORE - INDIA

A new residential style golf course development located only 40 minutes from central Bangalore in the heart of a booming residential land development district. PCD have been appointed to Site Master Plan the residential layout as well as designing the 18 hole golf course.

The site has a unique character of a central ridge line of protruding rock where golf holes have been positioned within and round the large rock outcrop that provide a stunning backdrop to greens and elevated tee platforms.

The golf course is positioned centrally within the compact site and is Par 70, 5903 yards designed to international standards. The residential areas are placed around the perimeter of the golf holes to maximise the potential yield of the plots and take in the great golf views.

The compact nature of the golf course intensifies the playing strategy where golfers are faced with more challenges of strategically placed hazards and undulating fairways that will require to mentally choosing the best option of playing each hole.

Formal rectangular multiple tee systems are planned for meeting the varying handicap level of golfers which allows the course to offer risk and reward opportunities as well as encouraging for a more enjoyable outing and golfer satisfaction.

The golf course is currently under construction and is expected to be completed by the end of 2007.

The Clover Greens project development is proposed to be linked with the adjoining Clover Fields resort where patrons will have access to either facility that offer a variety of benefits.

PCD have worked closely together with the client and provided various master plan layouts to ensure the golf course has maximised the potential for the site and to meet the development guidelines. A good team effort approach has ensured an excellent result that has met all expectations. ■



## NEW PCD ASIAN REGIONAL MANAGERS Robert Cairns - India & Eric Anderson - China

The Directors of Pacific Coast Design are pleased to announce the appointment of two regional managers for Asia.

Robert Cairns has nearly thirty years experience in golf turf management and construction and will be based in Pune, India. He joins PCD from his latest role as Golf Course Superintendent at the Headland Golf Club in Queensland.

Robert has previously worked with PCD Clients for five years in India so he is an old hand with respect to conditions there. Robert will be representing PCD (in association with Prakash Alvares who is based in Bangalore), maintaining quality control at PCD construction sites and also offering PCD Clients post construction quality assurance turf management consultancy in support of their local golf superintendents and management.

Robert's contact details are Mobile (91) 9945188895.

Eric Anderson has been in China for twenty years and is one of the most experienced turf managers and golf construction project managers in the country. Currently Eric, his wife and son live in Hangzhou and is overseeing the impressive Lake Hill Golf projects that have been Master Planned and designed by PCD.

Eric will support PCD representative Tony Liu who still has the primary role of Client liaison.

Eric's details are Mobile (86) 13989896401. ■



Robert Cairns



Eric Anderson

## HAPPY BIRTHDAY PCD

In December 2006 Pacific Coast Design was twenty years old. PCD Directors Phil Ryan, George Diakogeorgiou and staff would like to thank all of those people who over the years have provided friendship, assistance and support in building the company to where it stands today. We have come a long way over the years and our team pride themselves on providing focused client services as well as always trying to improve on what we did yesterday. We look forward to continuing this approach over the next twenty years.

## PCD PROFILE - 2007



PCD Director  
Phil Ryan



PCD Director  
George Diakogeorgiou



PCD Landscape  
Brooke Templeton



PCD Admin  
Silvana Michelin



PCD Irrigation  
David Hanby



PCD Consultant  
John Neylan  
(AGCSATech)



PCD India  
Prakash Alvares



PCD China  
Tony Liu



PCD Indonesia  
Sam Halim



PCD Engineering  
Alex Rodwell

This publication is produced by: Pacific Coast Design Pty Ltd  
Unit 2, 60 Bay Road, Sandringham, Victoria, 3191, Australia.  
Ph: (61 3) 9521 6411. Fax: (61 3) 9521 6433  
Email: [pcdgolf@golf-designers.com](mailto:pcdgolf@golf-designers.com) Website: [www.golf-designers.com](http://www.golf-designers.com)  
© (Copyright 1998) Pacific Coast Design A.C.N. 007 026 128



PCD Korea  
Banglim Environment  
Landscaping Construct