

SUSTAINABLE GOLF COURSE FOR WEST SACRAMENTO

1 The Backswing: [ANALYZING GOLF'S PAST]

Golf course design has changed a lot over the years. Understanding cultural shifts and the stigmas about golf courses will help us design more appropriate and beneficial golf courses for the future.

Golf: What it was, and what it has become...



The Old Course, St. Andrews
The Original Golf Course



Augusta National
"The Augusta Syndrome" - immaculate

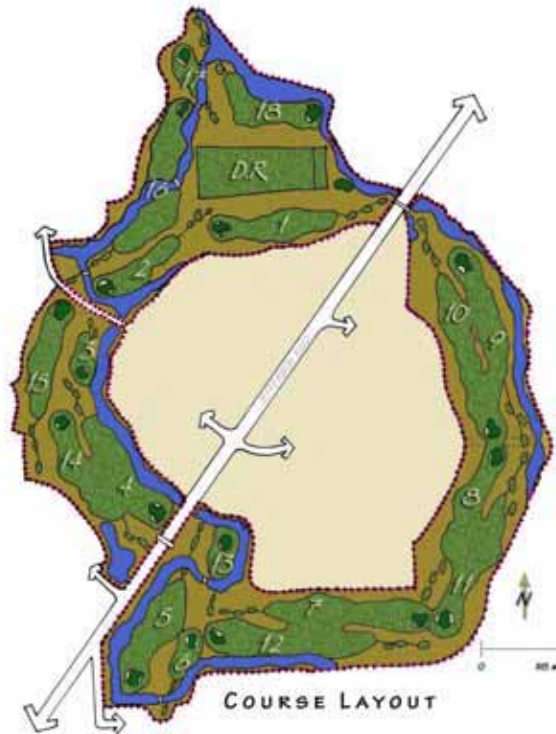


Eccentric and Over-the-Top Courses
The quest for "signature" elements

Common PERCEPTIONS and STEREOTYPES

- Golf courses must be entirely green.
- Golf courses have to be very large/spacious.
- Golf courses must have edge-to-edge turf.
- Golf courses are excessive water-wasters.
- Golf courses are exclusive.

Time for a cultural shift to return golf to its roots!



2 The Downswing: [GAINING MOMENTUM]

Once the strengths and weaknesses of traditional golf course design have been identified, it is necessary to determine how we should move forward with the new design. Who will use the space, and how do they want to use it?

What does it mean to be sustainable?

Sustainability is defined as the ability to "meet the needs of the present without compromising the ability of future generations to meet their own needs."
-Environmental Institute for Golf

How can this existing open space that so many West Sacramento residents value be preserved and enhanced using sustainable design to improve the overall physical, mental, and social health of the city and its people?



Golf courses have the potential to inspire a healthy lifestyle for all types of people. Ditch the golf cart and walk instead, take your dog for a stroll along the trails, or spend some time to just de-stress and enjoy the sights and sounds of nature. These are just a few of many ways that a golf course can help West Sac residents achieve healthier lifestyles.



A Golf Course for West Sac should be...

- Playable and fun
- Curative (physically, socially, and mentally)
- Environmentally sound
- Aesthetically pleasing
- Open space for a variety of activities
- Cost-effective

*Don't modify the environment to fit golf,
modify the course to fit the environment.*

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3 The Follow Through: [DESIGNING FOR WEST SAC]

This golf course is designed to look and feel completely unique to West Sacramento, and aims to redefine the way people think about golf course spaces. The course will tie into the agricultural roots of the region in several ways: livestock will be used in out-of-play areas to reduce mowing costs, crop fields and orchards will border the roughs, and native plants will be used wherever possible. State-of-the-art irrigation systems will maximize water efficiency, and best management practices will be incorporated to ensure that run-off is filtered of any pollutants. Adaptive management of the plants and wildlife will also contribute to the environmental soundness of this sustainable golf course design.



Beautiful golf courses don't have to be 100% green all the time. The design of this course respects and blends into West Sacramento's natural landscape through the use of native plants and very limited reshaping of the land for gameplay.

A scenic trail system meanders through the golf course, providing easy access to green space and encouraging people to use the course for a variety of activities, not just golfing. The natural qualities of green spaces promote a healthier lifestyle physically, as well as mentally, due to their restorative effects.



Parts of the golf course mimic the natural riparian zones of the area, attracting wildlife and establishing a safe habitat for many species.



TRANSFORM THIS...
...INTO THIS



The out-of-bounds areas feature agricultural plantings, such as tree and field crops. The almond orchard shown above is grazed by Babydoll Sheep which cut down on mowing and maintenance costs, while adding charm to the course. A drainage swale in the foreground is part of the advanced water management program. The swale filters run-off before it returns to natural systems.

Healthy Community Design...

- Promotes physical activity
- Provides more access to nature
- Improves air quality
- Lowers risk of injury
- Provides a sense of community
- Reduces climate change effects

SECTION
18TH HOLE



SCALE
1" = 1'-0"