



Cutting edge renovation from Jacobsen

GLENEDEN BEACH, Ore. - Add Salishan Golf Links to the growing renovation portfolio at Jacobsen Hardy Golf Course Design. The seaside track at Salishan has long been admired for its spectacular setting on the northern Oregon coast; Jacobsen Hardy has already set about refashioning the golf course to match the resort's superb location and lodging.

Work began on Aug. 18, when the front nine was closed to play. The back nine closed down in mid-September, and all 18 holes are scheduled to reopen by June of 2004.

Jacobsen Hardy Golf Course Design is the Houston-based architectural partnership of Jim Hardy and Oregon native Peter Jacobsen. Nationally renowned for its design of original courses - including Redstone Golf Club, home to the Shell Houston Open, and the new Moorpark Country Club north of Los Angeles - Jacobsen Hardy is increasingly sought after in the course renovation arena, thanks to projects like its recent renovation of Galveston (Texas) Country Club and the firm's complete makeover of Hammock Bay, a WCI-developed project in Naples, Fla. "I've followed the developments at Salishan for years and you won't find a better golf setting in the entire state," said Jacobsen, who still lives in Portland, some 90 minutes from Gleneden Beach, near Lincoln City. "Trouble is, the layout at Salishan has never taken maximum advantage of this incredible property. The course is a bit schizophrenic in its design features, and chronic drainage issues have hurt course conditions. Our renovation will remedy all these matters; we'll take a good golf course and make it great."

In addition to its extensive drainage-improvement plans, Jacobsen Hardy and course contractor Eagle View Golf of Spring, Texas, are renovating every green and bunker on the golf course. What's more, two holes have been targeted for rerouting - to maximise Salishan's playability and the property's stunning views of the Pacific Ocean.

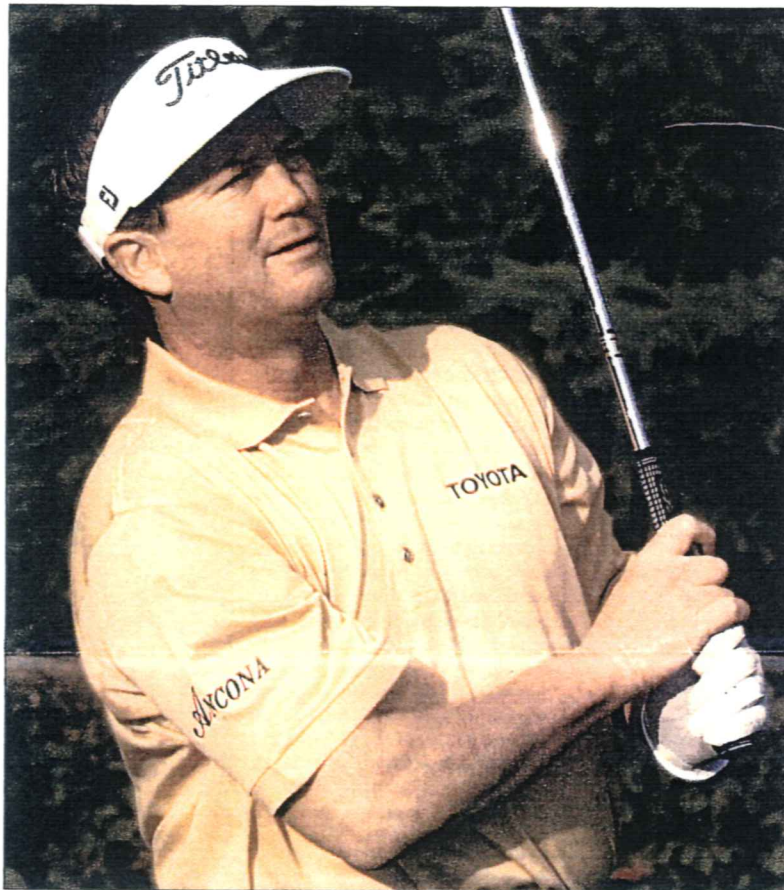
"There's essentially a dunes nine and a hillside nine at Salishan," explained Jacobsen, whose home-state designs include Oregon Golf Club in West Linn and Stone Creek in Oregon City. "Right now they have very different 'feels'. We're going to give the entire layout a stylistic cohesion - something we can do properly because we're refurbishing every green and bunker, plus some of the tees. With the sandy soils at Salishan, we have the potential to create a seaside Pine Valley feel, with rough edges and beach grasses throughout.

"We're also hoping to reroute some holes to take better advantage of the incredible terrain on the seaside nine. We plan to turn the par-5 14th into a par-4, but the most dramatic change will come at the par-3 15th, which currently plays uphill. We'd like to turn that hole around and have it play downhill, which would create a better hole and provide superior views of the Pacific."

More than any design firm working today,

excavated soil is conveyed directly to a holding area without ever touching the ground.

"The subcontractor on this job (Mt. Vernon, Wash. based Greenshield Systems) has developed custom-built equipment to execute this procedure, which is faster and cleaner than any drainage-installation process we've seen," explained Rex VanHoose, the Jacobsen Hardy senior architect overseeing the Salishan project. "Basically it's a wheel-trencher



Jacobsen Hardy continues to meld its renovation expertise with leading-edge agronomic and construction technology. At Galveston Country Club, the firm oversaw installation of the first paspalum greens in Texas. At Salishan, Jacobsen Hardy will mitigate the site's longstanding drainage issues by implementing a new technique called Sand Slits, whereby drain lines are trenched and the

attached to a Bobcat that features an integrated conveyor system which carries the dirt straight into a Ty-Crop, clean as can be. The dirt never hits the ground. The trench is cut perfectly; it's laser-equipped to monitor depth. But here's the really neat part: with another attachment, Greenshield can reverse the process - conveying sand from a Ty-Crop into a portal that funnels sand into the trench, while

laying the pipe in the same motion." Many contractors struggle to lay 2,000 feet a day using traditional methods - and that doesn't always include backfilling. "With this system," VanHoose added, "we can do 3,000 feet of drainage lines a day. Fully capped. Done."

The five trouble holes at Salishan - where soggy conditions have traditionally prevented maintenance crews from mowing for weeks at a time - were built in the 1960s atop an old bog. A layer of peat was laid down, then a foot of sand, then another foot of clay-peat mixture, then more sand, then another layer of clay and peat. "By using these layers they basically created the ideal conditions for a perched water table. It's a quagmire," VanHoose said. "The Sand Slits enable us look at a hole, determine the natural surface-drainage fall lines, then lay in the pipe perpendicular to the flow. We'll install them in 15-foot spacings; they all meet at a trunk line which carries off and discharges the water. It's an incredible process that will help us meet a tight construction schedule. It cuts down our soil disturbance, obviously, but it also frees us from going back and re-establishing or improving the existing grade. The existing grade will be maintained."

Jacobsen Hardy's involvement in Gleneden Beach coincides with Salishan's recent purchase by Spring Capital, a Eugene, Ore.-based hotelier with more than 20 years in the hospitality business. Spring Capital, which operates hotels in Oregon, New Mexico and San Francisco's Bay Area, has committed millions to golf and resort upgrades at Salishan, but the golf course is the first priority.

"Peter Jacobsen has done such great course-design work in Oregon, he was the obvious choice for this project," said Spring Capital's Tom Connor, Jr.

"The previous owners had tried to position Salishan as a national resort, but that didn't work. We're recasting it as an Oregon resort, for golfers in the Northwest. And our first priority is making the course more playable for the resort golfer."

Jacobsen Hardy Golf Course Design is one of the nation's most active course architecture firms, with projects underway on both coasts and several places in between. In addition to its new work at Redstone GC, Jacobsen Hardy recently signed on with East West Partners to design 18 private holes at Gray's Crossing, an ambitious 36-hole club/resort hybrid in Truckee, Calif. Nicklaus Design will handle the resort layout (to open next year) while Jacobsen Hardy will design the private club at Gray's Crossing, with construction starting in 2005.

Web: www.jacobsenhardy.com