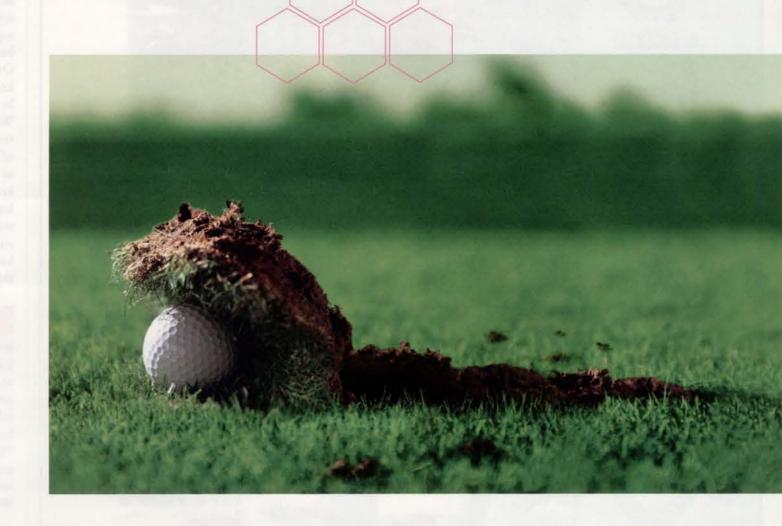
Now one product keeps turf beautiful and disease-free right up to the moment it's hacked to death.



New Tartan" gives you a 21-day residual. If your turf survives hackers that long.

See it yourself: New Tartan fights dollar spot, brown patch and a broad spectrum of diseases with multiple modes of action and a 21-day residual. Even better, it's got StressGard, a key ingredient in Signature," for turf stress management. And of course Tartan is Backed by Bayer," so you've got hundreds of test acres and dozens of scientists on your side. Need data? Get it at bayerprocentral.com. Need a fungicide that's more than a fungicide? Here it is.





GCSAA presidency

those waters, and many others can do the same.



How many days do you think you'll be on the road next

year for the association?

Coming through.

www.isco-pipe.com

I haven't done the math, but I'm planning on about 75 days. I passed on a couple of things this year that just didn't fit with the balance I mentioned earlier. Someone else from the board is always willing to fill in. If you're a board of nine, you can still be effective.

What travel secrets have you learned throughout the years?

I know exactly how long the drive is to the airport, and I know an airplane seat makes a pretty good office.

Tell us about the folks at your facility who keep things running while you're serving the association.

I have the best staff of friends anyone could ever imagine. My golf course superintendent, Travis Carlson, grew up on a family farm about a mile from my parents' farm that I grew up on. He's an Aggie, too. Samantha Fulford is my assistant manager, and we've worked together for about 12 years. She might be the smartest person I've ever met. Our director of golf, Rob Fulford, knows as much about the business as he does about playing the game. Megan Woodard, our sales manager, does a tremendous job with anything we ask of her. It is so much fun to go to work or to head off on GCSAA business and know things are going to be fine. Last, but not least, our owners, Tim Timmerman, Joe Cotter and Ray Wicken have entrusted everything to me, and they have been incredibly supportive though this whole process.

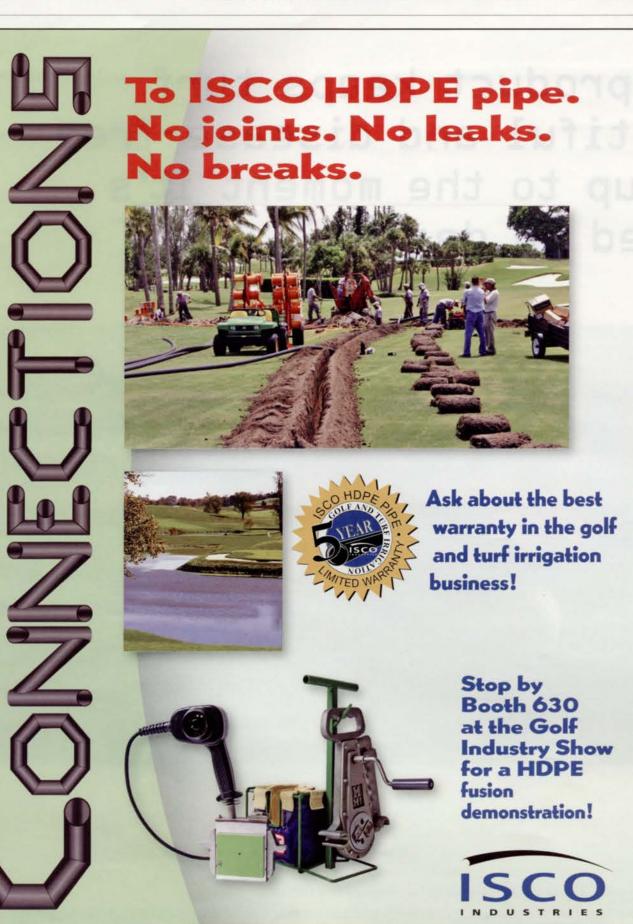
Who's your hero?

My father, Herbert, who passed away several months ago at age 94. He had an active pesticide license when he was 88. I helped him get to the continuing education classes he needed. I told him he probably could just let me handle anything he needed, but he said, "You never know, it surely won't hurt anything." So he attended the classes and renewed his license. That's commitment. We could all learn from that.

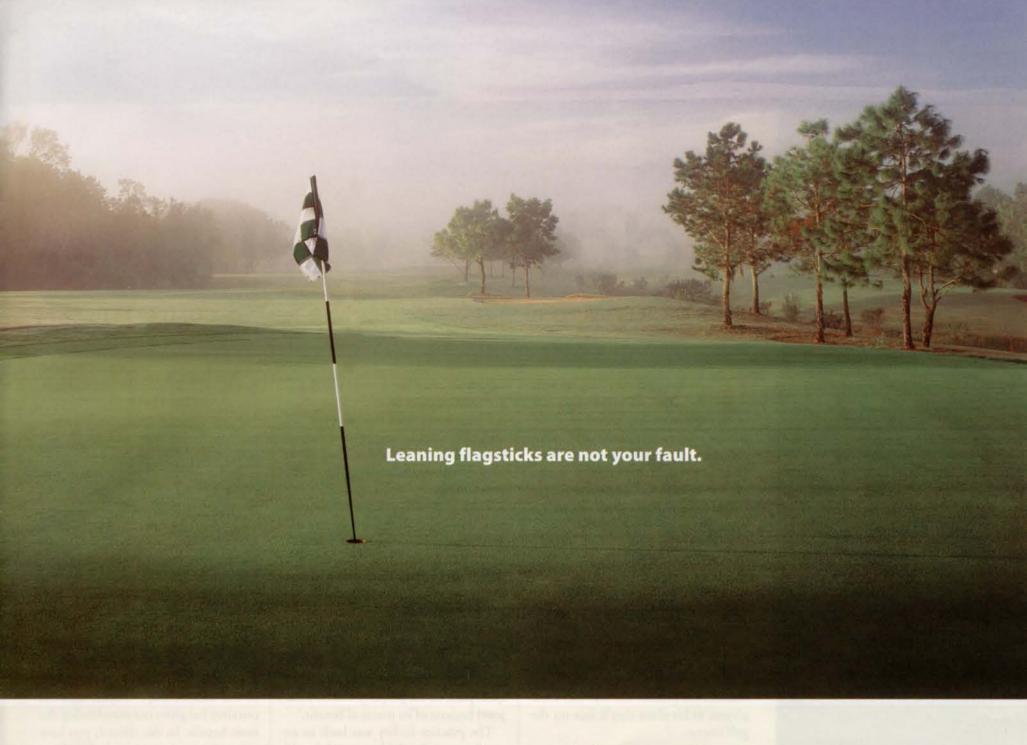
How do you want to be remembered as past president?

A few years ago, I read a book called "The 21 Indispensable Qualities of a Leader," and I focused on three Cs in it: character, commitment and compassion. It would mean a lot to me if that's how I'm remembered by my family, my friends and my fellow members. GCN

Ricky Heine can be reached at rickyheine@hotmail.com.



1-800-345-ISCO



Straighten out the problem with the SMART-FIT™ Cup and Ferrule System.

Leaning flagsticks are history with the SMART-FIT
Cup and Ferrule System from Standard Golf. By
combining our ST2000™ non-stick cup with our
wide-shouldered, notched ferrule, flagsticks can't
rotate or walk out of the cup on windy days. The
notches in the ferrule mesh with the ribs in the cup.
That means no excessive wear on the ferrule or the



cup socket, keeping your flagsticks standing straight. The notched ferrule is included on all Standard Golf flagsticks and fits well in any cup, no matter which model you prefer. Combine the ST2000 cup with our notched ferrule flagstick for a SMART-FIT system that will put an end to leaning flagsticks on your course.

For toll-free express service, call 1-866-SG-EXPRESS (1-866-743-9773)



Facility operations



Adding value

CLUBS UPDATE PRACTICE FACILITIES TO BENEFIT MEMBERS AND REMAIN COMPETITIVE



rends in golf are changing with the times. Course owners and operators are locked in competitive races to lure players and members and to distinguish themselves from other facilities. Sometimes that means upgrading areas of their facilities.

Enter the driving range ... err ... make that the modern practice facility. Nowadays, the term "range" doesn't really do them justice. They're sophisticated uses of available land, and facilities need to make the most of them.

In cold-weather climates, where the season can be six months long at most, heated stations or indoor buildings with open bay doors are springing up. Clubs that expand practice areas are building bunkers and practice fairways that allow players to hit shots they'll face on the golf course.

Keeping an edge

One can look no further than one of the North's most well-known, old-school private clubs as an example. When the 2004 Ryder Cup ended at Oakland Hills Country Club in Bloomfield Hills, Mich., the members of the private 36-hole club remodeled its antiquated driving range into a modern practice facility.

Oakland Hills has a history of hosting major championships, and the PGA Championship will be played there in 2008. With a high-caliber course and clubhouse, it offers one of the area's most alluring private-club memberships, but the practice area was always the club's least highlighted attraction.

"As you look across the landscape of our facility, the practice area was a step down from the rest," says Rick Bayliss, the club's chief operating officer. "We are first and foremost a golf club, so upgrading the facility plays to the demographics of our members. The practice portion is a great part of the recreational enjoyment. As busy as everyone is, enjoying 45 minutes on the practice range is a big part of what they join for. We wanted to improve our practice facility dramatically. Before, it wasn't that good. Now, it's a jewel, and our members really appreciate it."

Oakland Hills contracted the architectural firm Arthur Hills/Steve Forrest and Associates to improve the practice area. A short-game practice area was added, and the size of the teeing space in the existing facility was tripled from 1,800 square feet to 6,000 square feet.

"We moved the swimming pool, went into existing property, regraded and put in target greens and bunkers," Bayliss says. "The short-game area moved to a quiet place on the property, and it's a real jewel because of its practical benefit."

The practice facility was built in an area between the clubhouse and the old practice range, so it's useful and easy to access. Also, the short-game area allows members to replicate shots needed on both of the hilly courses.

"We designed it for 60- to 70-yard bunker shots," Bayliss says. "We built two enormous greens. You can hit shots from the rough – all kinds of things."

The club also installed a new indoor teaching facility, complete with cameras, computers and areas for club fitting.

"It's a huge benefit for the membership," Bayliss says.

Even though Oakland Hills is known throughout the country, that doesn't mean members simply join because of its name.

"The new practice facility further distinguished us in our market as well," Bayliss says. "The market in metro-Detroit is very competitive. Many clubs are struggling and competing for the same membership base. Distinguishing yourself further at every opportunity is important. When it comes time to focus on membership service and recreation

service, we want to make sure we don't have an Achilles' Heel."

Bayliss also says Michigan has more public golf courses per capita than any other state in America.

"So our members have options to play in resort areas," he says. "We try not to rest on our laurels."

The short-game area of Oakland Hills' practice facility was part of an overall \$4.5 million project that included upgrades to the swimming facility as well as the tennis and platform areas. The driving range tee expansion and short-game construction cost about \$1.3 million.

"Our operational model provides funds on an annual basis to improve the facility, so there was no assessment to our membership," Bayliss says. "It certainly has given our membership the most benefit. In this climate, you have swimming and tennis only for about 90 days."

Bayliss says it's difficult to measure the return on the investment in terms of direct dollars.

"But from membership satisfaction and a competitive standpoint, we're doing great," he says. "We had a full membership roster and still do. But our membership satisfaction is quite high because we've measured it."

The club is fully staffed with professionals, so it didn't need to hire a new employee as a result of the practice-facility renovation. And the staff is teaching more lessons than ever, Bayliss says.

Unlike staffing, maintenance has been impacted more as a result of the renovation.

"The triple-row irrigation in the practice fairways resulted in a moderate increase in cost, but it's an incremental cost and not prohibitive by any stretch of the imagination," Bayliss says.

Copying the course

Across the country in Arizona, the 11-



Lancaster Country Club suffered from a lack of practice space, so it expanded its practice facility, which is a selling point. Photo: Lancaster Country Club

year-old, Tom Fazio-designed Estancia Club felt the need to improve its practice area to keep up with the current trend. General manager Keith Underwood says members at the private facility often hold other memberships throughout the world and expect the best when it comes to every phase of the club's operation.

"We have to remain competitive with other clubs and increase our distinction in the market," he says.

Also, when the club was built, the practice range wasn't designed to allow players to replicate shots they'd see on the course. The new area will do just that, and it's part of a course overhaul that includes a bunker redesign and greens renovation under the watchful eye of Fazio.

"We had the capital to do this," says Underwood, who declined to disclose the price of the project. "It didn't come out of an assessment, but came from capital funds. It was money well spent to continually improve services to our members and remain one of the preeminent clubs in Arizona."

The fully staffed club needed no new golf professionals to work on the range.

Estancia's director of agronomy Mike Mongiello, CGCS, realizes practice areas are an important part of modern golf.

"Back when, it was called a driving range, and you didn't pay a great deal of attention to it," he says. "Now it's more popular and sophisticated. It's not a driving range anymore, it's a practice facility."

Mongiello says the membership was chomping at the bit to use the new practice area, which was completed in early November.

"I'm a fan," Mongiello says. "It's a redesign by Tom Fazio's design team, and they took everything into consideration."

Because the club will start remodeling bunkers this year, Mongiello and the Fazio staff used the short-game-area bunkers as models for what they will build on the course.

"We can show the members different sands to choose from," Mongiello says. "It's a great place to wiggle your feet and nestle down and chunk as many balls as you want."

In that same mode, Estancia built the chipping greens to mirror on-course models.

"They're the same as they are on the course, so they can see how a ball reacts on the course," Mongiello says. "It's as exact as we can make it to playing conditions on our golf course."

The transformation of the short-game area is remarkable, Mongiello says.

"We took an existing area and expanded it and built a mound between the driving tees and the short-game area," he says. "We built a new green and three bunkers and a regular tee for that area that gives them anywhere from 40 yards out to bump-and-runs. We contoured around the green so they'd have uphill and downhill lies, flat lies and bump-and-runs. We took every shot on the golf course and duplicated it in this area. There's not a shot on the course that we don't have. We built a bunker on the desert edge of the course that's fairly flat where they can hit a 280yard shot out of a sand bunker."



Estancia Club's members expect the best when it comes to every phase of the club's operations, including the practice facility. Photo: Estancia Club

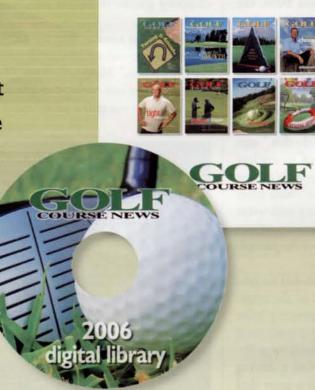


2006 digital library

Priced at \$29.95 — you'll find this a perfect complement to your resource collection.

Every article, every ad and every supplement from the 2006 digital editions of Golf Course News is on one easy-to-use, searchable DVD or two CD ROMS.

Choose your format! Both formats can be accessed whether you are on or off the web.



Place your order online at

www.golfcoursenews.com/store

or call toll free (800) 456-0707. Outside the U.S. dial (216) 925-4610.

Golf Course News Online

Everything You Need To Help You Succeed



Nowhere else will you find a better and more complete resource for the business of golf course management. Daily news and commentary. Product information. Message Boards. It's all there, designed to help you be more effective in the profession of golf course management.



Message Board

The GCN Message Board is FREE and offers you a place to interact and get answers to your questions. Our editorial staff frequently stops by to join the discussions.



Product Information and Promotions

Find the products and service information you need to make informed buying decisions. Take advantage of product specials and promotions from the leading suppliers in the industry.



Business Tools

Find all sorts of useful tools to help you with your daily tasks – from forms to help you handle personnel matters to guides for maintaining your course at the highest level.



Material Safety Data Sheets (MSDS)

Hundreds of up-to-date MSDS labels available with a click of your mouse, ensuring you have the proper paperwork for on-site materials application.

facility operations

And there's maintenance to consider in the new practice area.

"There's always maintenance to everything if it's done properly," Mongiello says. "In the short-game area, there won't be huge divots like there will be on the tee. Of course, there's maintenance when you add turf or sand or greens. There's a dollar figure attached to it, but we can handle it."

A selling point

Clubs without national reputations are jumping on the practice-area bandwagon as well. At Lancaster Country Club in central Ohio, general manager Steve Ververis and director of golf operations Ed Grooms say the club's practice facility was outdated. A new one was built in 2001 and opened in 2002, using land the private club owned but never used before.

Ververis says the almost 100-year-old, 18-hole private club (nine holes of which were designed by Donald Ross), suffered from a lack of practice space.

"Until 10 or 20 years ago, no one of our generation had a practice facility," Ververis says. "In the climate of the private-club sector, a practice facility is a drawing point. We had to retrofit the club with a good range as an additional selling point. What we had before wasn't cutting it. Before, our range was for a quick warm-up. Now the facility is a destination. Guys come out and practice for an hour."

The new teeing ground is more than

100 yards wide and 275 yards deep, uphill. It has four target greens, a practice pitching green and area, greenside bunkers and a fairway bunker.

"So you can hit just about any shot you'd have on the course," Grooms says.

The members were assessed for the improvement.

"We lost a few members because of it, but that's been offset by new members," Ververis says. "Many new members love the idea of having a facility to practice. It's worked out pretty well. We don't charge for the use of it, it's built into the dues. Membership satisfaction is

Grooms now has a teaching spot on the opposite end of the range with electricity



Go to: www.golfcoursenews.com/readerservice - select #21

for filming and launch monitors.

"So our ability to teach has been enhanced," he says. "My lessons have increased considerably. Each year, I give more lessons."

The club kept the older, smaller range for clinics and junior outings.

"We're fortunate to have two ranges," Grooms says.

On pace with the Joneses

Like Lancaster, Naperville Country Club is an old-school course in Illinois that opened in 1921. Years later, architect Tom Bendelow remodeled the course but didn't pay much attention to the range, which by today's standards was much too short and narrow. Often, wayward shots flew into the adjacent maintenance area or onto neighboring fairways.

"We wanted to make it a better, safer, bigger and longer practice area," says head golf professional Jim Arendt. "We eliminated one of the holes that ran parallel to the driving range. The fact that we made it longer is an additional bonus. The maintenance facility was at the end of the range, and that's moving so we can use regular range balls."

The club also is rerouting many of the other holes on the course, all of which has been done by Arthur Hills/Steve Forrest and Associates. In the practice area, new target greens and a larger teeing area were constructed.

"We have a lot of people who get off the train in the evening, and they want to hit balls for an hour or decompress," Arendt says. "People get together and talk and set up their games for the weekend."

Naperville doesn't have swimming or tennis, so the members are strictly about golf.

"They have a much better facility than they did previously," Arendt says. "The reason we embarked on the project was to update our facilities and to attract golfers in general."

In the area surrounding the club, there are three newer private clubs connected to housing developments. The upgrades to the course and practice area let Naperville compete at a higher level.

"Many good players would come out here and say, 'It's cute, but it's the kind of course where you can't see your ball land.' The redesign makes it completely different. We're hoping to attract good golfers and more of the regular golfers as well. You're moving to make progress or you're falling behind. You have to keep up with the Joneses."

Steve Forrest, the lead architect on the project, says it's one of the most rewarding projects of his career.

"The course will be so much better," he says. "And if you have a good imagination, you could play the course on the practice tee."

Forrest says the idea of replicating shots on a driving range derived from those on a course first occurred in 1996 at a course they designed at The Lakes of Taylor in Michigan. They've been doing it ever since.

"The practice range is much more visually appealing and fun," he says. "People will use the range, particularly the short-game areas. You don't just have to stand out there blasting balls with drivers all day. You need to learn to hit shots from 100 yards in." GCN

T.R. Massey is a freelance writer based in Columbus, Ohio. He can be reached at trm@columbus.rr.com.



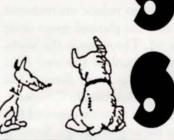
Naperville Country Club renovated its practice facility because it was too short and narrow. The club is hoping to attract golfers as a result. Photo: Naperville Country Club

22 YEARS & COUNTING

SURFSIDE 37 Wetting Agent is the clear winner in the GREEN SPEED WAR at CASTLE PINES GC. My GREENS have kept pace with the STIMPMETER, HEIGHT of CUT, and MAINTAINING NEAR TOURNAMENT CONDITIONS throughout the GOLFING SEASON.

Our source of irrigation water is **EFFLUENT**. I enjoy the challenge, I enjoy my course.

Marshall Fearing



SURF SIDE

CASTLE PINES GC

HOME OF THE INTERNATIONAL TOURNAMENT CASTLE ROCK, CO.

Montco Products Box 404 Ambler, PA 19002 Phone: 800-401-0411

• SURF-SIDE DOESN'T BURN, DISCOLOR, OR ROOT PRUNE •

Surfside - Booth#2909 - Anaheim

Design case study

a lost ROSS

SAN JOSE COUNTRY CLUB REDISCOVERS ITS DONALD ROSS-DESIGNED GOLF COURSE

by MARK LESLIE

he original Donald Ross-designed golf course was in its burial clothes, much of it literally underground, unceremoniously interred along with memories of past glory. Then, the light finally shone on officials at San Jose Country Club in Jacksonville, Fla.

After the club decided to institute a long-delayed reconstruction of its dilapidated greens, Ray Benson presented his fellow members with proof that a classic golf course lay unseen on their property. It only needed resurrection.

Perhaps the greatest of all golf course architects, the Scotsman Ross walked the property, routed 18 holes through 115 acres of what was planned as a resort, and compiled extensive hand-written notes and drawings of the course.

Benson discovered and photocopied all this material at the Tufts Archives in Pinehurst, N.C. Tufts Archives maintains an exhaustive library of Ross's projects throughout the country. Meanwhile, the club possessed aerial photographs from 1928 and from the 1940s, '70s, '80s and '90s, showing the rapid "de-Rossing" of the club's course.

Early on, most of Ross's bunkers were filled in to reduce maintenance costs because the planned resort never materialized. Throughout the years, the remaining bunkers also were filled in, even after the newly formed San Jose Country Club bought the course. Then, a 1988 renovation departed further from the original design, focusing on aesthetics and building a system of irrigation ponds.

"Back in '88, when the last renovation was done, people weren't interested in maintaining a Donald Ross-designed course," says the club's golf course superintendent Clayton Estes, CGCS.

Sixteen years later, the members discovered what they had.

"Our members are very aware of who Donald Ross was, and they're proud to be a member of a club with a Ross-designed course," says Charles Cofer, the club's president.

A whole new level

Like homeowners discovering a lost Van Gogh in their attic, club members took stock of this new-found blessing and decided to take their greens-renovation project to an entirely new level. Enter golf course architect Dan Schlegel of Edgewater, Md. The club hired Schlegel in the spring of 2004 to guide what had morphed into a total restoration and reconstruction. Members approved the project and were assessed \$3 million to implement it. The sting of the assessment was lessened by giving members a wide range of payment options that could be spread throughout as many as 36 months.

"Our marching orders became for Dan to do research and put the course back in place with today's technology," Estes says.

Schlegel immersed himself in all things Rossian. He spent many hours in the Tufts Archives pouring over Ross construction drawings and visited such Ross creations as Pine Needles in Pinehurst, N.C., Aronimink Golf Club in Newton Square, Pa., and Augusta (Ga.) Country Club that remained unchanged. They became Schlegel's classroom until he could return to San Jose feeling the Ross touch and strategic thinking.

"I was able to get inside the mind of Ross, or at least read what he intended," he says.

It was crucial to do so. Golfers familiar with Pinehurst No. 2 might think all Ross's greens were domed. Not so. He often designed bold contours, including a par 5 at San Jose that features a 2.5-feet-deep diagonal swale that runs away from the shot to the back of the green, which Schlegel rebuilt and called "Ross's Trough."

Modern golfers often look aghast at

blind shots, but writing about a par 3 at San Jose, Ross wrote that a bunker fronting the green should have a back mound high enough to obscure the putting surface.

And even though the course lies over only 115 acres, Schlegel still had enough space to add 300 yards in length, he says.

Ross also was more interested in strategy than aesthetics. Thus, his bunkers flash sand but only high enough to be seen and affect how a golfer plays a hole.

"The routing is brilliant, the way it flows, its sequence, the tees next to the greens making it a wonderful walking course," Schlegel says.

Calling the project a sympathetic restoration, Estes says it was a tremendous undertaking.

"When the 1988 renovation was done, everything was set up on top of the earth – the greens and bunkers pushed up, so this entailed major shifting," he says.

On 14 holes, Ross's strategy and bunkering are exactly the way he designed them, Schlegel says.

"There's not a single bunker on the course that was left over," he says. "And most all the bunkers we built are put out there the way Ross had them on his master plan to set up the same strategies he wanted. Not the same distance, perhaps, because modern technology has added so much distance to the ball, but the strategy is the same as Mr. Ross intended."

Schlegel used Ross' existing corridors, but with the bunkering and greens complexes, it's visually incredibly different, says head golf professional Todd Bork.

Water management

For Estes, the renovation made life simpler. Consistently layered greens, new turfgrasses, tree removal and an upgraded irrigation system all make the golf course more predictable, he says. Even though the old greens supposedly had been rebuilt to USGA specs in 1988, the layer-

AT A GLANCE

San Jose Country Club

Location: Jacksonville, Fla.

Web site: www.sjccjax.com

Type of project: Restoration/renovation

Architect: Dan Schlegel

Builder: MacCurrach Golf Construction

Superintendent: Clayton Estes, CGCS

Cost: \$1.7 million for the golf course; \$3 million including clubhouse improvements, complete pool replacement, tennis facilities and security enhancements

Construction started: March 13, 2006

Course opened: Oct. 14, 2006

Greens: TiffEagle Bermudagrass

Fairways and tees: 419 Bermudagrass