

## Building stores course's soil, fertilizer, et al

By TERRY BUCHEN

ROBINSONVILLE, Miss. — Superintendents dream of helping design the floor plan and inner workings of a new maintenance building. At Cottonwoods Golf Club here, superintendent James D. Harris had a hand in state-of-the-art soil-storage and fertilizer buildings that were built for his complex.

Designed by Hale Irwin and Stan Gentry and built by Landscapes Unlimited, Inc., Cottonwoods Golf Club opened for play in May. The soil-storage portion of the building has five bays. Each measures 14 feet wide and 20 feet deep, with a metal roof that slopes back from 16-feet-10 inches high to 13-feet-10 inches. The 10-inch-thick reinforced concrete walls, separating the bins, are 6 feet high, with wood construction and metal sides up to the metal roofline.

An enclosed soil-storage bin is used for greens top dressing, which has a manually operated, retractable metal garage door to keep the materials dry during inclement weather. Overall dimensions are 75 feet wide and 20 feet deep. Eight-inch-thick concrete-reinforced floors, along with a 20-foot-deep concrete slab apron, all slope away from the building.

Since rainfall predominantly comes from the south/southeast, the bins face north. This keeps landscape mulch, fairway topdressing sand and bunker sand dry.

The building's fertilizer storage area



The five-bay combination soil-/fertilizer-storage building at Cottonwoods Golf Club.



ON THE GREEN

measures 41 feet wide and 20 feet deep. Two 12- by 12-foot metal garage doors are separated by a 3-foot-wide walk-through door. An additional 3-foot wide walk-through door enters

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— James D. Harris

from the north side of the building.

Forklifts can stack fertilizer and soil amendments two pallets high on the reinforced 8-inch-thick concrete floors, while the walls are 8-inch-thick concrete cinder block materials. A 24-inch diameter exhaust fan runs 24 hours a day, keeping the building well ventilated. Additional air movement is provided from a vent that can be opened and closed in the cupola.

"We are very pleased with the way the combination soil-storage and fertilizer building turned out," said building architect Doug Balsley of

Robert Lamb Hart. "It is very functional while utilizing the existing space provided in an efficient manner."

"Our maintenance staff is quite pleased

and very proud of our combination building," said Harris, a certified golf course superintendent. "It is a state-of-the-art design which is helping set the standards in our area."

"It is really great that we can keep our materials separated and mostly dry, with the way the roofline and positioning of the soil-storage building bay," said Harris.

"The fertilizer storage stores plenty of materials so we can keep enough fertilizer and soil amendments in stock, which is kept dry and available on a moment's notice."



All the ingredients to paint hazard stakes the efficient way.

## Ozment finds 'tacky' solution for stakes

By TERRY BUCHEN

ITHACA, N.Y. — Looking for a way to make paint last longer on hazard stakes, Country Club of Ithaca golf course superintendent D. Cord Ozment found one: sticky paint.

Using an assortment of PVC pipe left over from an irrigation system installation, Ozment and his crew used 1-inch pipes for red lateral water hazard and yellow water hazard stakes, and 2-inch pipes for white out-of-bounds stakes.

"We first built a paint stand using a 12- by 24- by 2-inch board where holes were drilled on 8- to 10-inch centers, and where a 10-inch spike was mounted upwards through the holes," he explained. "PVC pipes were then cut into 32- to 36-inch lengths. Next we applied a generous coat of PVC primer to the entire surface of each stake and placed each stake onto the paint stand."

"We waited approximately 15 minutes to allow the PVC to get 'tacky,' then followed up with two coats of Rust-Oleum spray can paint," Ozment added.

"The real secret is in the PVC primer," Ozment said. "It allows the paint to stick to PVC, which makes for a very solid paint bond to the plastic pipe. We usually get two seasons before they become weather-beaten, or the victim of a frustrated golfer."

## Standards

Continued from previous page

niques. Some members feel this requirement is extreme, that it slows down play, and that it is an arbitrary number. Others say we should reduce the number even more. (We do have some members in our programs with as little as 60 acres of irrigated turfgrass.) Still others say that private and public courses should be treated differently. Finally, some have said that if you construct a course on an area that is mostly slope and you don't want to move a considerable amount of earth, then you need more turfgrass on the course.

So, this is your invitation to comment. Please send me your thoughts. In particular, if you know of existing research regarding any of these topics, I would like to know about it. I'll report on the various comments in future issues. Send comments to: Ron Dodson, Audubon International, 46 Rarick Rd., Selkirk, N.Y. 12158.

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