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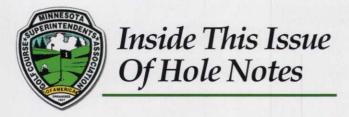




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2006 MGCSA Events

Thursday, January 5 MGCSA Annual **Business Meeting** Minneapolis Convention Center

January 4 - 6 Minnesota Green Expo Minneapolis Convention Center

March MGCSA Mini-Seminar TBA

> April/May Spring Mixer TBA

Monday, June 5 Scholarship Scramble Somerby Golf Club, Byron Host Superintendent: Casey Conlin

> **BASF Fundraiser** Tournament TBA

Thursday, July 27 U of M Troe Center Field Day U of M St. Paul Campus Hosts: Dr. Brian Horgan and Larry Vetter

Monday, August 21 MGCSA Championship Wayzata Country Club Host Superintendent: Robert Distel

Monday, September 18 Harold Stodola Research Scramble Rolling Green Country Club, Hamel Host Superintendent: Drew Larson

Monday, October 9 MGCSA Fall Mixer Oakdale, Golf Club, Buffalo Lake Host Superintendent: Mike Knodel

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About the Cover

Wayzata Country Club's par 5, sixth hole as it looked on November 29.

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PRESIDENT'S MESSAGE

My Experience as President Has Been Great And I Owe it to You - The Membership!

By Robert Panuska

It is with a bittersweet feeling that I draft this, my final column as your president. My experience the past two years has been great and I owe it to you, the members of the MGCSA. I am humbled and honored to have served as your president.

I have had the opportunity to work with many very dedicated members of this association. They are the people who deserve a "pat on the back" for a "job well done." Countless hours go into the business of making a professional association as successful as the MGCSA. The people who have "stepped up to the plate" and served on our board or on our many committees have given their all and I thank them for their service.

I would also like to thank Scott and Jeff Turtinen for the outstanding work they do for us. These guys are the oil that keeps all the details of the day-to-day operations running smoothly. Thank you both for all you do for the MGCSA!

Congratulations to Steve Garske our 2005 Distinguished Service Award recipient and Professor Bradley Pedersen, from the Department of Horticultural Science at the U of M, our Presidential Lifetime Achievement award recipient. Of course, both of these individuals were honored at our recognition banquet at The Wilds Golf Club on December 7. Look for their stories in this issue of *Hole Notes*.

Also, congratulations to all the service award recipients who were honored at the banquet as well. Please let us know if you like the format of having an annual banquet to recognize our members and gather for a relaxing evening out. Thank you to everyone who attended as well as our event sponsors who are responsible for keeping the cost of the banquet very reasonable.

I am looking forward to seeing many of you at the Minnesota Green Expo January 4, 5 and 6 at the Minneapolis Convention Center. Again this year, our Conference and Education Committee has put together an outstanding lineup of sessions and speakers.

Don't forget to attend our Annual Business Meeting which will be held during the Green Expo on Thursday, January 5 at 1:00. Check your program for the meeting location.

Thank you again for your support and encouragement.

- Rob

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HOLE NOTES

Official Publication of the MGCSA

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Steve Garske Receives MGCSA Distinguished Service Award

By JOE MORIS MGCSA Retired Member

Why is the MGCSA giving this award to Steve?

My first thought was that he is a great supporter of the Scholarship Program. I thought I would have a very short interview with him but I should have known better. I learned a great deal more about this man that I'd like to share with you.

The Board of Directors was given the task by President Panuska to come up with a list of members that have met the criteria to be honored with the Distinguished Service Award.

Once Steve's name was mentioned it was his, hands down. And not just for his contribution and support of scholarships. Par Aide's many great products, under the leadership of Steve, have made the life of a golf course superintendent a lot easier.

The course accessory business started for Steve in 1986 after his father's death. Steve had to make a decision: give up a very successful commercial real estate business in Denver, let the family business end, or come home and run it. Well, run it he has.

From 1960 to 1990 the small 10,000 square foot shop on Pascal Avenue in St. Paul was home. The year 1990 brought about big changes with the move to a more than double the size 23,000 square foot building in Vadnais Heights. This facility was outgrown in 10 years and

Lino Lakes became the current location for his 45,000 square foot building. The employee head count has also grown from 10 in 1986 to 33 today.

Enough about the great Par Aide business, what else is Steve doing with his life? He has many interests and passions, among them Board Director for the St. Paul Area Chamber of Commerce; Little Canada Planning Commission; serving his second 3-year-term on the Minnesota Chamber of Commerce; founding member of Wishes and More; Soup It Up Board

"Having fun is a huge part of Steve's life and he brings this level of fun to the workplace as well. If you know Steve, I am sure you will agree."

Member in the Roseville Area; MGCSA Scholarship Chair; MGCSA Affiliate Board Director in 1992-1993; GCSSA Industrial Advisory Council; active in MGCSA Hockey; charter and very active member of the ESSA; attended every GCSAA Show from 1971 to present. By the way, that "mint" giveaway program has now reached four thousand pounds (2 tons).

Steve took the GCSAA Hospitality Night to a new level. For six years he set up this great event. He acquired another



business in 1999 - Team Powder Coating. This is the reason you see the high quality painting on Par Aide products.

His interests are many and varied but his love for Porsches leads them all - he now has acquired enough to fill a 1,400 square foot garage (clubhouse).

Having fun is a huge part of Steve's life and he brings this

level of fun to the workplace as well. If you know Steve, I am sure you will agree. He has also been very willing to help superintendents out with work at Par Aide if they have found themselves between jobs.

Steve, my sincere congratulations and appreciation to you for everything you have done for the MGCSA, the GCSAA, the scholarship recipients, and the world in general. I am honored to be your friend.

MGCSA ANNUAL BUSINESS MEETING

THURSDAY, JANUARY 5, 2006 @ 1:00 P.M.

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AT THIS YEAR'S GREEN EXPO

What's New?

We are often asked, "What's new?" At the Minnesota Green Expo a few things are new this year. The show will be in the new part of the convention center. Most things will be on a vertical plane instead of being spread out so much horizontally. I have heard that the rooms for the educational sessions are very nice.

Here is list of the speakers for the golf course superintendent to take in. Dr. Carrow is from Georgia and is an expert in soils. Dr. Carrow is also leading a day seminar on Tuesday on water management. The one and only Dr. Beard will be joining us. Dr. Clarke, a well-known pathologist from Rutgers will be on hand. Bob Vavrek from the USGA will be updating us on what is going on in our region.

A few new names to look for are Rehr, Kapoor, and Jung. Jay Rehr has been a mechanic at Augusta National, Tarun Kapoor comes with high recommendations in regards to personal management and Dr. Jung is from the University of Wisconsin and is very engaging.

More details can be found on the Internet by typing in www.minnesotagreenexpo.com You can click "golf" and all the sessions pertaining to our field pop up.

The other thing new this year is the time of the MGCSA Annual Business Meeting. It will be held at 1:00 p.m. on Thursday, January 5 instead of 4:30 p.m. Please join us for the business affairs of your association. Hope to see you there.

-James Bade Conference & Education Chair

Highlights of Sept. 30-Oct. 2 Chapter Delegates Meeting

Highlights of the September 30 - October 2, 2005 Chapter Delegates Meeting include:

- 1) **Moving the Golf Industry Show** from Houston to Atlanta due to a conflict with the NBA All-Star game.
- 2) **Memberships are down** slightly. First renewal cycle of PDI is July 1, 2006.
- 3) **Staff turnover discussions.** Some had opportunities while others moved up. Accountability and performance is the basis for employment.
- 4) **Dues increase discussion.** Adjust every two years. Use this model or keep current 20% every five years.
- 5) **Board of Directors volunteers.** Discussed expenses, commitments, meetings, golf industry events, spouse travel, facility relationships and presidential honorarium of \$10.500.
- 6) **Open/Closed discussions.** Publishing vote at Board meetings. Concern of majority not who actually cast the vote. Not interested in personnel decisions.
- 7) **Diversity Task Groups.** We are expanding the diversity in this politically correct world.
- 8) **Chapter Affiliations.** New agreements take effect January 1, 2006. Amendments due by March 31, 2006.

- Respectfully submitted by Kevin Clunis, CGCS MGCSA Chapter Delegate

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Informative Bunker Boot Camp Took Place at Monticello CC

SuperNEWS in cooperation with Sandtrapper, John Deere, and Par Aide put together a day packed full of education centered on bunkers. The event was popular amongst MGCSA members as over 70 people registered for the October 10 event at Monticello Country Club.

Brad Klein, editor of *SuperNEWS*, gave an informative talk on the history and evolution of bunkers.

Highlights of Brad's talk were: 1)

Bunkers are the number two priority item on a golf course.

- 2) There is an inherent conflict between penalty and recoverability.
- 3) Handwork is the key to construction and maintenance.
- 4) Bunker management entails managing golfers' expectations.

Architect Craig Schreiner, Craig Schreiner Golf, spoke about bunker design, construction and doc-

umentation. Highlights of his talk included strategic and penal design philosophies, strategy of modern bunker placement, and construction techniques and integration with surrounding land forms and contours.

Superintendent Jeff Johnson, The Minikahda Club, informed the audience of lessons he learned from a bunker renovation. Jeff noted that "communication to the club's membership is critical when executing the renovation process," and added that "early communication and a thorough action plan will avoid many membership battles."

The MGCSA extends thanks to Rick Traver, CGCS, Monticello Country Club, his assistant Paul Wohlert and the staff at Monticello Country Club for hosting the Bunker Boot Camp.



A greenside bunker on No. 10 at Monticello Country Club.



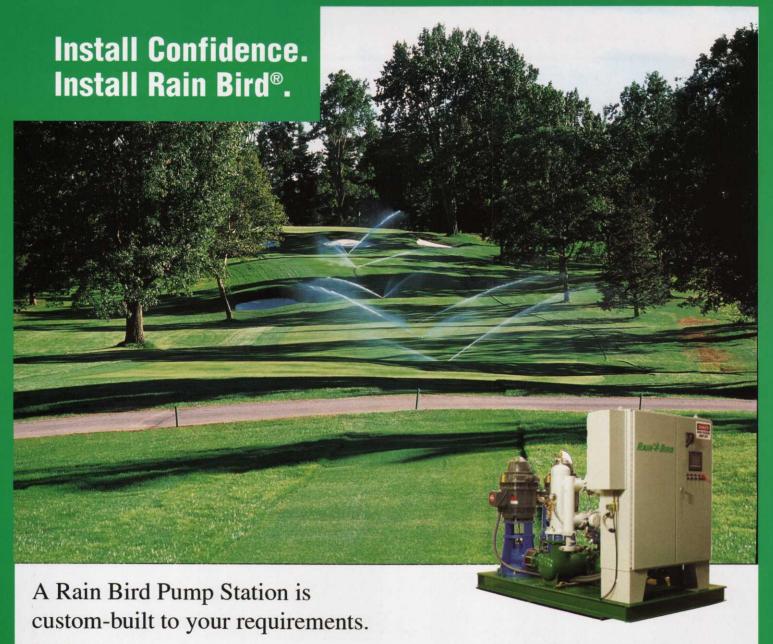
Pictured on the right is Monticello CC's host superintendent Rick Traver, CGCS, with his assistant Paul Wohlert.







Featured speakers at GCSAA's Bunker Boot Camp at Monticello CC included Superintendent Jeff Johnson, The Minikahda Club, Golf Course architect Craig Schreiner amd SuperNews' Brad Klein. Each offered practical information to MGCSA attendees.



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Up-to-Code: Reduce Your Energy Bill

By DAVID HARCHANKO, Truman Howell Architects & Associates, Inc.

We have all been learning to cope with the higher cost of petroleum for our vehicles but here comes the Minnesota winter. The predictions for heating costs suggest as much as a 75% increase over last season. With those numbers, the cost of improving your buildings has never looked more affordable.

An analysis of your buildings can easily calculate the payback for improvements and we can even use a hand held camera to visually find leaks and cold spots where corrections can be helpful. Increasing insulation, adding weatherstripping, replacing caulk and adding wind barriers are simple ways to improve your facilities.

In addition to these passive methods, there are also some "active" methods to conserve energy. The active systems have, in the past, been too costly to attract wide acceptance but with the advances in technology and the skyrocketing energy costs, they will become more and more common.

One fairly simple active system is the heat exchanger. This device is added to an exhaust vent or drain line and captures heat from the discharge to pre-heat incoming air or water. Depending on the application, this simple device can make a noticeable impact.

Another active system that we have utilized is even more comprehensive. A small power generator can significantly reduce your electric and heating costs. The generator and controls allow you to avoid high electric rates by remaining offpeak. By running on either propane or diesel you also qualify for energy rebates

MARVIN 8

for "dual fuel" reducing

your rates for natural gas even further. Heat captured from the generator's cooling system can also provide significant heat for a heat exchanger for your furnace or water heater. The energy savings are significant and you also gain the advantage of being able to go "off-the-grid" to operate your facility when the power systems fail.

These active systems can qualify for cash rebates or credits from the power company. They appear costly at first but when you consider the increasing energy costs, they look better and better all the time and are definitely worth considering.

(Editor's Note: David Harchanko may be reached at 952-401-7889.)



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Green Roof Park in the City of Minneapolis

By MIKE KELLY

Glenn Rehbein Companies

Some of you have possibly seen this job develop. As you drive west or northwest out of Minneapolis on 194, to the right is the new Bookman Stacks glass building (located at 526 4th Street). The plaza to the east of the building is actually a green roof over a parking garage. It is street level on the south and one story high on the north. Glenn Rehbein Companies installed this roof system. It will be a very attractive addition to the area. It's approx-

imately 9,000 sq. ft. of sloping turf and native vegetation. Outdoor Environment installed the native plants and the perimeter landscaping around the building.

In order to maintain an optimum use of the plaza, the turf profile had to be maintained at the correct air and moisture level. Green roofs like the Minneapolis Library are "intensive" approx. 4" deep and are generally covered with sedum and low growing plants. This system had to be "extensive" in order to take the abuse. Rehbein's engineers and turf professionals proposed a combination of materials to provide a solution to this situation. The irrigation system is a subsurface irrigation and drainage system that maintains an appropriate water level in all the cells on the roof. A subsurface cell is created on the roof whenever a 1.5"

(Continued on Page 11)



1. Roof membrane and insulation.



2. ECS Membrane for green roof.



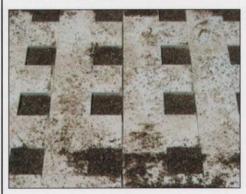
3. Layout of ECS Chambers.



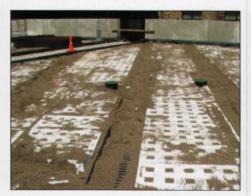
4. Installation of light weight rock.



5. Overview.



6. Muellner geofoam.



7. Layout of geofoam



8. Installation of Netlon mesh layer.



9. Installation of finishing sand layer.