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GCSAA

Continued from page 90

vantages of the first method. Also, the lack of construction coordination could result in serious problems unless the contracts are written with explicit requirements.

A third method is a professionally designed system by a qualified engineering firm, combined with the installation being performed by the successful bidding contractor. The contractor's work is supervised and inspected by the engineering firm who represents and protects the interests of the owner.

It was Hogan's opinion that a truly successful installation requires a team of specialists. They are: 1. club committee; 2. golf course superintendent; 3. professional designer; 4. installation contractor; 5. material suppliers. Only such a team can come up with the best system for the individual club.

Cost analyses were then presented by Major Fred Bove, superintendent, Brentwood CC, Van Nuys, Calif. (representing the Southwest), Jerry M. Murphy, su-

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Continued on page 94



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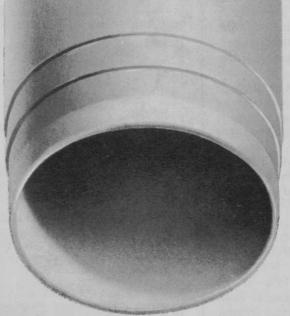


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94 . GOLFDOM/1968 APRIL

GCSAA

Continued from page 92

perintendent, Somerset CC, St. Paul, Minn. (North), and Edmer E. Easley, superintendent, Wichita CC, Kansas (West).

Bove outlined how his club converted the quick-coupler system around the green to a semi-automatic type. This cut the irrigating staff from two men to one, which in turn off-set the cost of the materials. Bove said that future annual savings in irrigation labor costs would be approximately \$6,000.

Murphy told how the quick-coupling system in use at his club was converted to an automatic satellite system. An analysis of the labor and operating cost of the two systems shows that the automatic costs \$1,430 over a period of three months (July, August, September) in comparison with the cost of \$2,890 for the quick-coupling—a saving of \$1,460.

Easley discussed the savings effected at his club replacing a manually-operated system with an automatic system. The manual system, completed in 1951, cost \$55,000 to install. The automatic system, completed last year, cost \$106,000. (This did not include the cost of a contractor to install the system—say \$20,000 to \$30,000—as Easley did it himself.) Easley calculates that the labor cost savings alone will pay for the \$51,000 differential in less than five years.

The afternoon session was devoted to most informative talks on the hardware that goes into an irrigation system. Sprinklers were discussed by James Robinson, general sales manager, Skinner Irrigation Company, Troy, Ohio. Different kinds of pipe and their characteristics were covered by Arthur W. Perry, sales manager, Ethyl Corporation, VisQueen Division, Baton Rouge, Louisiana. Jack Nees, president, Moody Sprinkler Company, Inc., Arcadia, Calif. talked about timers and Jerry Rossiter, assistant to the president, Buckner Industries, Inc., Fresno, Calif. described the various types of hydraulic valves and tubes.

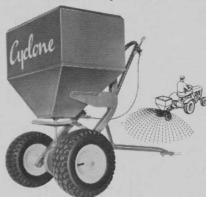
Electric valves and wire were the subject of the talk by Ed Shoemaker, sales manager, Eastern Rain Bird Sales, Inc., Peoria,

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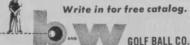
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6246 West Belmont Ave., Chicago, III. 60634 PHONE: (312) AVenue 3-7111 Ill., while James M. Kaufman, marketing manager, Moist-O-Matic Sprinkler Division, Toro Manufacturing Company, Minneapolis, Minn. rounded off the sessions on irrigation with his talk on programming and maintenance.

In the last session of the educational assemblies, Lowell Moser, Department of Agronomy, Ohio State U., Columbus, Ohio, discussed the rhizome initiation and development of Windsor, Merion, and Delta Kentucky bluegrass.

One of the more interesting innovations during the last year or so is the use of the helicopter to spray golf courses. Charles Dupont, aviation manager, Clarke Outdoor Spraying Company, LaGrange, Illinois talked about how his company got interested in this work because of the need to control Dutch Elm disease. From there, it went on to spraying greens and fairways.

Dupont emphasized that after one season of use, the results look most promising. Coverage has been good. In every application, the intended result has been achieved -and there has been a significant saving in time. Using the helicopter, his company could spray the fairways of an 18-hole course in one-and-one-half hours. And most important of all, it requires a minimum investment of labor from the golf course. No men are required in spraying operations, while only two men are required in dry material applications to serve as

There is a wide range of uses for the machine. Fungiciding of fairways and greens has already been established. Mosquito control is another. Trees can be treated not only for insect and disease control but with foliar applications of fertilizer.

Another use to which the helicopter can be put could be termed reconnaissance. Most of the superintendents Dupont has flown have marvelled at the ease with which they could spot diseased areas from above when they could look at the entire course at once and compare several fairways. Such flights could become routine in the years to come.



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Graffis

Continued from page 78

... Larry Brancato succeeds Williams at Knoll GC, Boonton, N.J. ... Ed Gauntt leaves Twin Oaks CC, Oklahoma City, Okla., to become pro at new Norman, Okla., Westwood Park municipal course.

Dick LaBelle now pro-manager, Juniata GC at Seattle, Wash. . . . Paul McMullen, for past three years assistant to Gene Root at Lakewood CC, Denver, Colo., to be pro at Aurora (Colo.) municipal course which will open in August . . . Henry Hughes designed the course ... Irwin Mahood now manager, Everett (Wash.) G&CC . . . L.C. Martin named pro-manager, Emory G&CC, Harriman, Tenn . . . His father was in that job for 25 years . . . Nicholas I. Pompa buys Chili CC at Pittsford, N.Y.... His brother Vince moves from Gowanda CC, Hamburg, N.Y., to become Chili pro.

Propose to use nine ''trainees'' in building a nine-hole course on Port of Skamania County land near North Bonneville, Wash...The expected \$35,000 grant is for a work-training program for chronically unemployed persons or persons ''who are unable, because of age or otherwise, to secure appropriate employment or training assistance under other programs.''

Ray Oakes signed as pro for the new Briarcliff G&CC being built near Rainier, Ore., to plans of Fred Federspiel . . . Bobby Bruce Fannin now pro at Fernandina Beach (Fla.) GC succeeding Ed Mattson who resigned after serving as pro since 1957 when the course was opened . . . Ronnie Mattson now pro at Ludlow (Mass.) CC succeeding veteran Art House who retired . . . Mattson, former New England amateur star, turned pro six years ago to become assistant to Henry Bontempo at Franconia.

Lawson Little's death at Pebble Beach, Calif., was a merciful end to the long illness of a colorful champion and a very grand fellow . . . Lawson's record of winning the U.S. and British Amateur championships in 1934 and 1935 is unique . . . Not even Jones came close to it . . . In winning the 1940 National Open after a play-off (70 to 73)



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from Gene Sarazen, and the Canadian Open in 1936, the year he turned pro, Little, an engaging personality, was the trail-blazer for amateur champions who have turned pro . . . He was a more spectacular amateur than the later ones but was ahead of the Big Purse era . . . He did very well, though, and Lawson and his lovely wife, Dorothy, were gracious host and hostess at the beautiful Pebble Beach home during Crosby tournament . . . Twin daughters and a son are the Little children . . . The son consoled his mother with a glorious epitaph: "Mother, a lot of Great Ones have gone up there and now with Dad they've got the captain of the team."

Bill Lyons, owner of Lyons Den Golf, Inc., Canal Fulton, O., and widely known among superintendents, makes a \$300 scholarship grant to any lad who works on his course then goes to a turf management school . . . Series badges for the Masters were oversold by February 3, more than two months before the tournament began . . . Larger orders were reduced by Augusta National to give wider coverage . . . Only tickets that could be bought at the gates were for practice rounds, April 7-10, inclusive, at \$3 . . . Plainly the Masters is the most successful of all golf tournaments.

Bob Rickey, widely known in progolf as a MacGregor-Brunswick sales executive has been promoted and not only heads progolf sales, but all other of the company's golf and other athletic goods marketing.

A man in Bangkok asks us who makes a small, portable automatic

wooden tee-making machine to be operated by boys who want to make money for their welfare fund . . . Only one course in Thailand but ought to be fair business at other Orient courses.

Robert Muir Graves, Lafayette, Calif., designed 18 that is being built by Robert F. Lawrence Co., Inc., Milbrae, Calif., for city of Walnut Creek in San Francisco district . . . Course is at base of 4,000 ft. Mt. Diablo . . . Clubhouse architects are Thomas and Wolverton . . . Scheduled opening, late summer. . . . Fourteenth All-America Intercollegiate Invitation tournament at Pine Forest CC, Houston, April 17, 1968 with its 16 fine teams is an exhibition of the influence of Dave Williams, golf coach of the University of Houston . . . Very, very rarely do you ever see or hear of one of Dave's graduates who has turned pro conducting himself other than in an admirable manner.

Warren Orlick, PGA treasurer, and pro at Orchard Lake (Mich.) CC, administrative supervisor of the 1968 PGA Championship at Pecan Valley CC, San Antonio, Tex., July 18-21, will be chairman PGA Championship committee for the 1969 tourney to be played at National Cash Register GC, Dayton, O., Aug. 14-17 . . . Orlick is one of the top experts on the rules of golf.

Howard Jones for past 15 years superintendent of Oakland Hills CC 36 holes in suburban Detroit, leaves to join Harry Pollock and Joe Gulasy in their reorganized Pine Brook Corp. at Cleveland, O., to complete the Pine Brook 18 in suburban Grafton . . The course is a daily fee type one.

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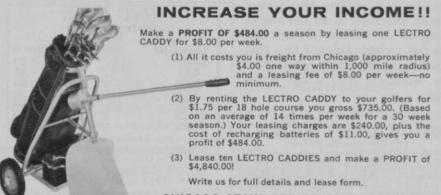
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Confessions

Continued from page 35

course?" There is a difference.

As an example, I know a superintendent who carries out greens and tee renovation the first two weeks in September. His timing for the turf is perfect, but not so for the members who happen to be having the club championship at the same time. Far too many turf managers seem to consider the golfer the enemy, instead of the only reason for the existance of the course-and the superintendent.

At times, this mutual distrust can come about through no fault of the superintendent. I took over an 18hole private course when the oldtime "greenkeeper" passed on. I never had the trust and confidence of the older members because no one (in their estimation) could fill old Jim's shoes. The fact that Jim was my dad made not a bit of difference. As new members came in and older ones left I gradually gained some measure of respect and confidence, but it took many

What so few people grasp in judging our craft is the great difference in knowledge, experience and aptitude from man to man, and from course to course. Just within my own turf association, our Class A (golf course superintendent) members range from a \$100-a-week man who is on a nine-hole course and is laid off in the winter, to men whose courses are just short of perfection and who command salaries unheard of just a few years ago . . . (our average for 18 holes is \$10,000).

I happen to have two sons. The older of the two has worked on the course since he was 15, but the interest is not there. My younger son is interested in all and everything on the course. This lad, like his dad and my dad, will be a golf course superintendent some daywe wouldn't have it any other wav.

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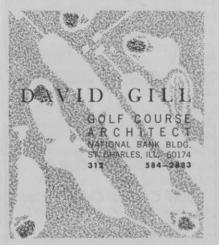
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Graffis

Continued from page 97

Ted Woehrle moves from Beverly CC, Chicago, and will become Oakland Hills superintendent . . . In addition to usual course management work, Woehrle will work on revamping Oakland Hill's public north 18 to plans of Robert Trent Jones and making Oakland Hills a 36-hole private club . . . John T. Brennan is Oakland Hills general manager . . . Mike Souchak is pro.

Harley Coster, who has rebuilt more golf cars than anybody else, after selling his own car business and trying to retire, now is back in golf car business with Sam Oneall Golf Sales, 1203 Stadium Drive, Indianapolis . . . Coster has lectured on golf cars at several PGA schools and with him you get practically a short course in correct maintenance and repair of cars . . . Listening to him in "question and answer" sessions involving 25 or 30 makes of cars is valuable basic training.

Latest of the "swing-grooving" devices we've seen is the Swing Rite arrangement of two plastic guide rails between which the club is swung . . . It received favorable comment at the PGA show . . . It's made at Fairless Hills, Pa. . . . Veteran pro Al McDonald is in-

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