ROBERT DAUTERMAN REPORTS the Carmel Valley Golf and Country Club has a superb, 18 hole championship golf course, designed by Robert Muir Graves. This private course is famous for the challenging water hazards -- 11 lakes and interlacing curves of the Carmel River. Other facilities include tennis courts, swimming pool, snack bar, 7 acre practice fairway and putting green and a magnificent Clubhouse, with a cocktail lounge, dining room and meeting facilities as well as a Resort Pro Shop and complete locker room facilities.

The Carmel Valley Golf and Country Club facilities also include a luxurious overnight facility, Quail Lodge, with 96 spacious rooms and lakeside cottages. Quail Lodge has been awarded AAA's highest rating, "outstanding" and shares it with only 5 others among the 9,000 hotels and motels in California and Nevada.

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NOTES FROM STAN - The first thing I would like to do is apologize to John Williams. After a super meeting in June at his course there was nothing said in the July newsletter about it. I for one had a great time and thought that everything was just perfect. Hope we can return next year, John.

As for the July meeting all I have to say is I enjoyed very much hosting it and hope that all of you that attended enjoyed being there. I would also like to have you back again soon.

I would like to take this chance to say a few words about reservation cards. Having never hosted a meeting before I never realized how important these cards were. After this I for one will be sure to fill out my card properly and promptly. I will also notify the host superintendent of any change in plans. I am sure that if all of us do this it will be greatly appreciated by all future host superintendents. Hope to see all of you at Carmel Valley C.C.

We are now looking for a name for the newsletter, please send all ideas to me. Stanley Burgess

1396 Detroit Avenue Concord, CA 94520

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Word has just reached us that member Steve Kirchhof of Cupertino was killed in a car accident April 22nd.

BILL GOODRIDGE tells us snuggled picturesquely in the rolling foothills about $1\frac{1}{2}$ miles Southeast of Valley Springs and near Hogan Lake the new La Contenta Country Club is rapidly taking shape. The construction of the course itself will be completed this fall with the opening schedulec for spring of '74. Basically a championship course, it will boast 4 large lakes, parks, play grounds and picnic areas plus a planned subdivision community surrounding the course.

The Golf Course Superintendent for this new spectacular is none other than our old friend <u>Bob Uhland</u>. A first class golf course superintendent turned salesman and now returned to his first love. Welcome home, Bob.

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LEE HUANG tells us <u>George Finnan</u> left Castlewood Country Club July 13. He is now in charge of construction of a 9 hole course on the Pleasanton fairgrounds. His foreman will succeed him at Castlewood.

C. W. "Chuck" Weatherton has been appointed to the position of parks services manager for the City of Oakland. He had been responsible for supervision of parks, recreation facilities, landscaped areas and golf courses. His first responsibility was construction of Lew Galbraith Golf Course.

Weatherton has served as president of the Golf Course Superintendents Association. He is a certified park manager of CPRS and has received the Certificate of Merit and Merit Award from the Northern California Turfgrass Council and the Merit Award from the Golf Course Superintendents Association.

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GOLF NOTES - Howard Fisher, Mt. St. Helena Golf Club, Calistoga

For you golfers who haven't been out to the monthly meetings in the last three months, you have not only missed excellent meetings by the "Chico Kid', but outstanding golfing weather. I say the last 3 meetings because of the condition of the golf courses we've played.

Jack Jagur has El Macero in top shape. The golfer had to look for a bad lie. Jack, the course was superb.

Then, in June, we hit the high country with John Williams. The course was beautiful, the weather unbelievable. Besides, John had three young ladies working on the course. We all had trouble keeping the eye on the ball. Two Foursomes of "Hot Shots" played Edgewood from the back tees. Funny, I didn't hear any bragging on how they tore up the course. John, without your "Little Bug", you could never keep the course as nice as it is.

At our July meeting, we had another great golf course. Oakland had its typical fog. This was a tight picturesque golf course.

Every Par 3 was tricky to play. The Par 4's were nightmares for anyone who hooks or slices. They have so many trees at Claremont I thought we were in a tree farm. The golfer took advantage of Par at Claremont. As you know it's a supposedly short 18 at 68 Par and 5,490 yards. So howcome the low for the day was a 77? No one reported the high score. Stan, I personally congratulate you and your crew on a fine job. I hope we come back soon.

Hope to see many more of you at Carmel Valley. Dig out those rusty "ole" clubs and get to know every foot of our golf courses!

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IRRIGATION or IRRITATION ? That is the Question. by Chic Cannon, Aqua Dial, Santa Clara

Irrigation in the western part of our country is very necessary in order to grow grass and most plant life. We do get a little rainfall, usually during the winter months to supplement the water requirement of our turf. However, if we are to keep the grass green all year around, it is necessary to have an adequate irrigation system.

Since flood irrigation is not too practical for most Golf Courses, even though some are doing just that, only with sprinklers; it seems necessary in many cases in order to get the water where needed. This method is not what a sprinkler system was intended to do.

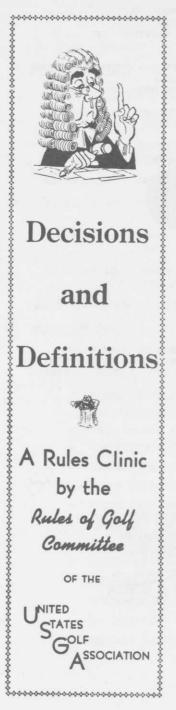
PROPER DESIGN AND INSTALLATION IS THE KEY TO ELIMINATE THE "IRRITATION" FROM A SPRINKLER SYSTEM, WHETHER IT BE QUICK COUPLER MANUAL OR AUTOMATIC.

If only the owners or board of directors of Golf Courses could be convinced to invest a little more money in the planning and installing of a complete system - it would sure take the "Irritation out of Irrigation".

The benefits are so great that it not only reflects on the sprinkler coverage, but fertilization, for example, is made so much easier when uniform water coverage can be depended on to get the feed to the roots evenly as intended.

Even if a proper system cost 10% more, it is economically practical to do so. For example: \$150,000.00 investment in a sprinkler system, which is a bare minimum design, could be done for another \$15,000.00. This amount spread over 15 years amounts to an extra \$1,000.00 per year investment. Using a minimum design in the same 15 years could cost in labor and adding more sprinklers, etc., etc. an additional \$30,000.00 or \$2,000.00 a year extra cost.

Like the old Water Boy says: "It's not what you get wetter - it's how you water".



Many Factors Are Considered When Setting Pins For Tourney

The question is asked: What is the USGA policy with respect to hole locations, particularly during tournament play.

Many factors are taken into consideration in locating the holes. The most important over-riding consideration is good judgment in selecting a location which will be fair, not tricky. Here are some specific points:

•Study the design of the hole as the architect intended it to be played. Know the length of the shot to the green and how it may be affected by the probable conditions for the day (wind and other weather conditions, condition of the fairway turf and the holding quality of the green).

•There must be enough putting surface between the hole and the edges of the green to accommodate the required shot. For example, if the hole calls for a long iron shot into the green, the hole should be located deeper in the green and further from the sides than for a short pitch shot.

• The USGA recommends a location at least five paces from any edge of the green. If a bunker is close to the edge, or if the ground slopes away from the edge, this distance may be extended and, especially, if the shot is more than a pitch. Consideration also is given to a fair opportunity for recovery after a reasonably good shot that barely misses the green.

An area two to three feet in ra-

dius around the hole should be in good condition without any steep slopes or, if possible, without any changes in degree of slope. In other words, the hole should be located in an area surrounded by reasonably level surface or, at least, of uniform and slight grade.

 Holes should be cut as nearly vertical as possible, not plumb with the contour of the green and care should be taken to avoid cutting the hole to close to an old hole plug not yet completely healed.

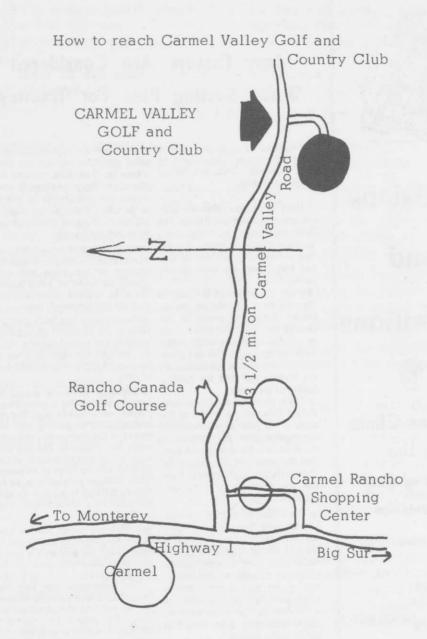
There should be a fairly good balance in the selection of locations, avoiding too many locations either on the left or right side which would place a premium on one type of shot.

•Degree of difficulty should be kept in balance for a competition played over a span of days. The old concept of "toughening up" the course as the tournament progresses has been discarded. The idea is to strive for an over-all balance, selecting each day six holes to be played under difficult pin positions, six relatively difficult holes, and six others moderately difficult—and rotating them daily.

 In the early rounds, players' traffic patterns should be anticipated to reduce wear and tear on the greens and spare good hole locations for the later rounds.

The greenkeeper who cuts the holes should take pains to observe the requirements that the liner not exceed 4½ inches in outer diameter and that it be sunk at least one inch below the surface of the putting green.

PROFESSIONAL GOLFER-MARCH 1973



ENVIRONMENTAL HORTICULTURE FIELD DAY TUESDAY - OCTOBER 16, 1973 UNIVERSITY OF CALIFORNIA DAVIS CAMPUS 916 752-0412

MORNING SESSION --- FREEBORN HALL

- 9:00-9:30 REGISTRATION
- 9:30-10:00 "RESEARCH NEEDS FOR THE USE OF ENVIRONMENTAL PLANTS" --- DR. HARRY C. KOHL
- 10:00-10:30 "HITTING THE TARGET WITH HORTICULTURAL CHEMICALS" --- DR. ROY M. SACHS
- 10:30-11:00 COFFEE BREAK
- 11:00-11:30 "POST-HARVEST HANDLING OF ORNAMENTALS FROM PRODUCER TO CONSUMER" --- DR. EDWARD C. MAXIE
- 11:30-12:00 "OPEN SPACE IS IT A VALID CONCEPT?" DR. SEYMOUR M. GOLD
- 12:00-12:30 "WHAT PLANTS CAN DO FOR OUR ENVIRONMENT" DR. ANDREW T. LEISER

BREAK FOR LUNCH - 12:30-2:00 p.m.

AFTERNOON SESSION --- DEPARTMENT OF ENVIRONMENTAL HORTICULTURE

TOURS WILL BE CONDUCTED FOR THOSE INTERESTED IN RESEARCH BEING CARRIED ON IN THE FIELDS OF FLORICULTURE, LANDSCAPE AND NURSERY. SOME OF THE SUBJECTS COVERED ON THE TOURS ARE AS FOLLOWS:

- FLOODING TOLERANCE OF TREES AND SHRUBS.
- TREE INJECTION OF CHEMICALS.
- YEAR AROUND FLOWERING OF PELARGONIUM
- CUT FLOWER KEEPING QUALITY AND BUD OPENING.
- VEGETATIVE PROPAGATION OF OAKS, PINES AND OLIVES.
- WATER UTILIZATION OF CONTAINER GROWN PLANTS.
- WATER MANAGEMENT OF POTTED PLANTS IN THE HOME.
- CARNATION BREEDING PROJECT REDUCTION OF SIDEBUDS.
- KALANCHOE PROPAGATION.
- HOUSE AND LANDSCAPE DESIGN TO REDUCE ENERGY NEEDS.
- PUTTING GREEN MANAGEMENT BY TOPDRESSING.
- TEMPERATURES OF NATURAL VS. ARTIFICIAL TURF.
- REVEGETATION OF HIGHWAY ROADSIDES.

- GERBERA BREEDING PROGRAM.