

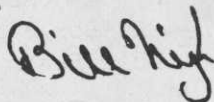
PRESIDENT'S MESSAGE _ Bill Nigh, Santa Cruz

With the month of December fast approaching, I want to remind everyone about the Christmas meeting. I have ever expectation this will be a really fine time for all -- we even have a different band this year.

We had a good turn out at Contra Costa Country Club and thanks to Norm, the Pro Jack Kendrick and the club for making it available to us.

As you know I have taken a new job replacing Bert Sinclair at H. V. Carter Company. Bert is going to Oregon to work for Baltz & Son. We wish him the best of luck.

See you at Rancho Canada



& & & & & & & & & & & & &

YOUR HOST SUPERINTENDENT - Lawrence L. Lloyd

Larry is a native of the Napa Valley. He has worked on the Silverado Golf Course and took the superintendents job at age 21 on the Pajaro Valley Golf Course in Watsonville. In 1965 Larry went to work for Nick Lombardo at Del Monte Country Club. After 3 years Nick added the Fig Garden Golf Course in Fresno and put Larry in charge of both courses. Pajara Valley Golf Course was added to the chain as a lease property and Larry became a junior partner in the enterprise. The firm decided to build a new course in Carmel Valley known as Rancho Canada.

RANCHO CANADA - This course is a 36 hole lay-out, designed by golf course architect Robert Dean Putnam of Fresno. Building was started in 1969 and the course opened for play in April 1970. The 'West' course is rated the third toughest course on the Peninsula. Rated 72.3. The length is 6,835

Larry Lloyd was the contractor on this project and states all equipment was rented by the hour. Three-quarter yards of dirt were moved. The sprinkler system is completely automatic. For the system Larry chose a Toro Moist-O-Matic system, consisting of hydraulic controllers, and all valve-in head gear-driven heads. The system includes 72 satellite controllers and 8 master controllers. Fifty-two miles of pipe were laid underground to service 2300 heads. Five hundred and forty thousand lineal feet of hydraulic tubing was used to activate the heads. The system is capable of irrigating 230 acres of turf in one night, throwing out 1,000,000 gallons of water. To supply this water, there are 4 wells, capable of delivering 650 gpm at 100 psi. The main pump is equipped with a variable speed turbine to meet fluctuating demands.

In order to build the greens and save money in the process, a local sand was used which was found in an old sandbar right in the middle of the course. The sand had all the graduations in the world including some

awfully big rocks. The greens were made out of 100% of this sand without any amendments or drainage. The cover was Seaside Bent. In all, there is about 300,000 sq. ft. of greens surface. Two of the greens, however, are 22,000 sq. ft. monsters.

Fairways are a mixture of Chewings Fescue, Creeping Red Fescue, Highland Bent, and Common Kentucky Blue.

Since the course lays in the main drain channel of the canyons beyond, 5 bridges were constructed. The longest one 275 ft. long, and strong enough to support a load of carts parked end-to-end across the whole bridge. Each bridge is designed to withstand the onslaught of bad weather and washouts, and will not collapse. This is important, since in 1969 the devastating rains swept through that area and washed away 7 acres of land, which had to be brought back in by mechanical means. Three hundred tons of rocks in nylon netting now protect the riverbanks from washouts.

& & & & & & & & & &

GEORGE BELL, speaker at Contra Costa Country Club displayed and explained various types of equipment used in drip irrigation. He said drip irrigation has very little application for turf, but can be very useful for irrigating club house ground areas. The advantages are that areas adjacent to walks and parking can be watered without the usual spray which is objectionable. Also drip irrigation can be adapted to plantings in roughs not under other irrigation. The low volume required does not effect the other watering schedules. The established trees would require a greater number of emitters than new plantings.

It was obvious from Geroge's presentation that drip irrigation can be a tool for the future, but like everthing else it will require a considerable amount of investigation before it should be installed.

Thanks to George Bell for sharing this information with us.

& & & & & & & & & &

%%%

THRU THE GREEN EDITOR Robert E. Livesey, CGCS
415 N. Akers Road Space 19
Visalia, CA 93277

Deadline Date Fifteenth of Each Month

%%%

FOR SALE FOR SALE FOR SALE

Locke - Maxi 3 - 7 bladed reels - Hydro drive mower - Asking \$750.00

Contact Tom Thatcher, Stanford University Golf Course 415 327-7787