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## Flint Munny Operation

*(Continued from page 78)*

ly used and urgently wanted by the golfing public. It developed that these were adequate lounge space, good food service, rest room facilities and social facilities.

A new clubhouse was constructed on the city's 27-hole layout, starting with a lunch counter type of food service with ample table and eating area. The primary aim in food service has been not to provide a wide variety of foods, but simple, frequently requested types of sandwiches and drinks and top quality lunches at reasonable prices. Another primary consideration has been adequate facilities for social functions. These are provided in interesting decor and are immaculately maintained.

Another prime consideration in the planning of the above mentioned clubhouse and the city's other two clubhouses was to include them in the winter sports program. This makes the buildings 12-month facilities. A warming room and food service setup is provided in these buildings for winter sports enthusiasts.

## Vossler Returns to ABC's

*(Continued from page 44)*

golf coach. That was in Ernie's Senior year at Paschal High in Ft. Worth.

By the end of that summer, Vossler was shooting in the 70s. On Labor Day he beat Joe Conrad, who later turned pro and played the circuit, in the final of a Junior tournament, and the following summer he won the Ft. Worth Amateur championship. Thereafter, Vossler claimed more than 25 amateur titles, including the 1954 Texas State.

### Plumber's Apprentice

Meanwhile, Ernie was learning the plumbing business as an apprentice in his father's shop. His success as an amateur convinced him that there was certainly more glamor and possibly more money in working with a clubhead than a Stillson, and so in 1955 the young Texan transferred his journeyman's card from the plumbers' to the golf professionals' union. In June of that year, Vossler played in his first USGA Open at the Olympic Club in San Francisco and fin-

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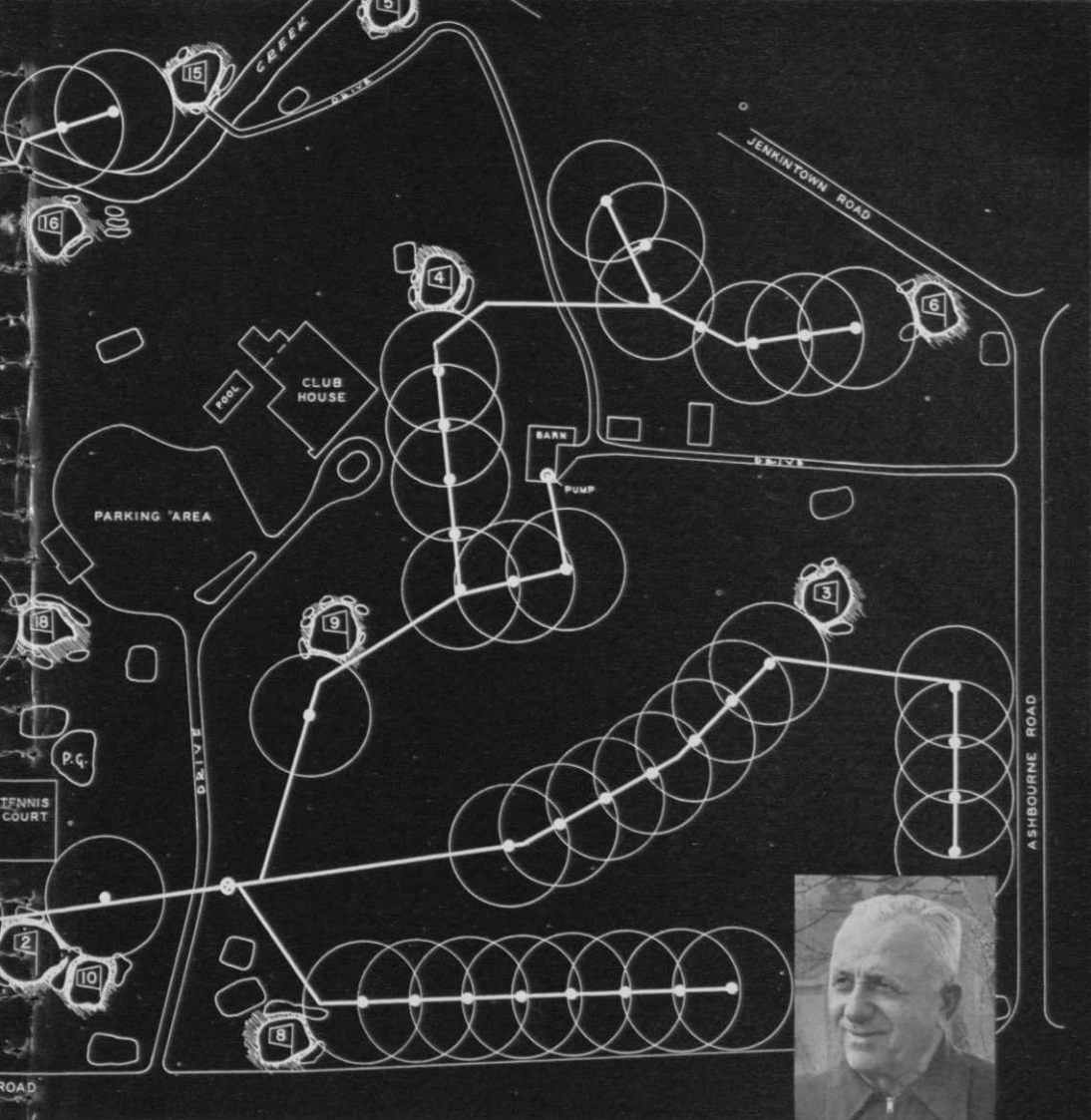


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and Mr. Tagnon reports, "This sturdy pipe, with its FLUID-TITE® Couplings, stayed absolutely water-tight." Approval for the entire project was granted, and this modern pipe now delivers water uniformly at low cost in a system designed by EECO, Inc., Harrisburg, Pa.

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ished 19th. Following that, he collected money in eight consecutive tournaments before concluding his travels for the 1955 season. As debuts in pro golf go, Ernie's was hard to beat.

In 1956, the Quail Creek pro started at Los Angeles in January and played through to the San Antonio Open in March without earning as much as three-meal-a-day money. He was unsponsored and at home, Mrs. Vossler and four young children were rather hungrily awaiting a tournament dividend check. Ernie was on the verge of wiring his wife and telling her to lay out the plumber's tools. But he hung around San Antonio long enough to finish second in the tournament there and collect \$1,700. Bankruptcy never looked his way again after that. He had a good season in 1956, although he broke a leg in the fall. But by this time Ernie was an established tournament player and between 1957 and 1961, when he quit the tour, Mrs. Vossler received checks just as regularly as though her husband were working in a bank.

Buyers' Services • P. 207

## Blower Increases Revenue

(Continued from page 104)

common for Len Ainey, the Timber Trails tractor operator, to blow the leaves across four or five fairways. Usually, they are blown into windrows two or three feet high and then mulched.

The blower was first used at Timber Trails in the fall of 1962. After only two passes around the course it gave every fairway and green a hound's tooth but it was too late in the season to bring back the bulk of the golfers. But business did pick up! Last spring, opening day was moved ahead at least two weeks, and effective playing time was extended more than two months beyond the customary mid-September cutoff. On late October weekends in 1963, with near perfect weather prevailing, Timber Trails was getting as many as 250 rounds a day.

### Fee Revenue Increased

The net result is that fee revenue for 1963 was more than \$50,000 higher than in 1962, with practically the entire increase being due to the new method that

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is used to sweep the course. Since Timber Trails no longer is known among golfers as a place to be avoided once the leaves start to fall, Charlie Bartlett expects that the gross for 1964 will be somewhat higher than it was in 1963. And, of course, the nice thing about it is that he's working on a percentage.

### In Good Company

Bartlett has been in the golf business since 1956 when he went to work for Errie Ball at Oak Park (Ill.) CC as an assistant pro. Two years later he transferred to Timber Trails to take over the pro-manager post. While in the Navy during the Korean episode, Bartlett was able to concentrate on both aviation maintenance and golf. After he obtained his machinist mate rating and worked on the flight line for a year or so, he was appointed golf range director at the San Diego Naval Base. His assistant was Gene Littler. Some highly talented young men, incidentally, knocked the ball around that range while Bartlett was there. They included Bill Casper, Bob Goetz, Mac Hunter, Bill Bisdorf and Bud Holscher.

## Grau's Answers

(Continued from page 110)

must have no undesirable side effects and also it must improve turf quality. Some fertilizers contain only single elements such as Nitrogen, Phosphorus or Potassium. Then there are mixed fertilizers which may contain two, three or more of these nutrient elements. Sometimes they are called "balanced fertilizers", but no one knows for what purpose they are "balanced." It is a poor term. "Complete fertilizers" are those which contain traditionally the three major nutrients, N-P-K. They may also contain secondary and trace nutrients. In turf it is wasteful to apply complete fertilizers when one or more of the nutrients already are in plentiful supply. Then it is only commonsense to apply only those nutrients that are needed.

**What is Chelation?** Essentially it is the encompassing of a metallic ion within and as a part of an organic molecule. Zinc (Zn), Iron (Fe), Copper (Cu) are examples of inorganic metallic ions which

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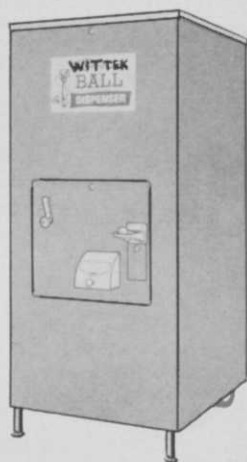
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are so quickly fixed and rendered insoluble by soil acids that they are essentially valueless as metallic ions. When they become a part of an organic molecule they are protected from fixation and thus can be absorbed by the plant roots.

### Why are soil microorganisms important?

Soil organisms are very effective in reducing organic residues to humus. An active soil microflora can prevent thatch formation by breaking it down as fast as it forms. Bacteria produce enzymes and colloids (glue-like material) which cement tiny soil particles together to form aggregates (grape-like bunches) which greatly improve the soil aeration and water absorption. Clay soils may act like sandy soils if the soil microflora is provided with a generous source of energy (carbon) and ample food (nitrogen). High bacterial populations seem effectively to reduce fungus attacks. Also they make available to plants so-called insoluble minerals that are "locked up" in the soil. To be fertile a soil must be plentifully populated by bacteria.

Q. Where does Penncross bent seed come from? I understand that there are three parents involved. What are their names? Is Penncross

a hybrid? For how many generations can they take seed from a field before it starts to degenerate?—(Ontario, Canada)

A. To produce Penncross creeping bent seed three parents (vegetative) are planted side by side in cultivated rows. The parents are: 1) Pennlu, a vigorous creeper from LuLu Temple C.C., Philadelphia and 2) and 3) two selected strains from a cross between Washington and Metropolitan. They have only numbers, no names.

Penncross seed technically is a polycross (many crosses), derived from open-field pollination but only among the three selected strains. Yes, it could be termed a hybrid. The seedlings seem to exhibit hybrid vigor. They develop many varying characteristics when grown individually, but produce a surprisingly uniform turf when grown as solid sod.

Certification standards permit a grower to take two seed crops from a field; then it must be plowed and planted to other crops. The vegetative parents that are used to replant, or to plant new seed fields, are grown under certification and must be kept absolutely pure to protect the buyer of the Blue Tag Certified Penncross seed.

Q. Our State Highway department has chosen to run the new Interstate road right through our present course. It will have to build us a new course under our supervision. Where can