

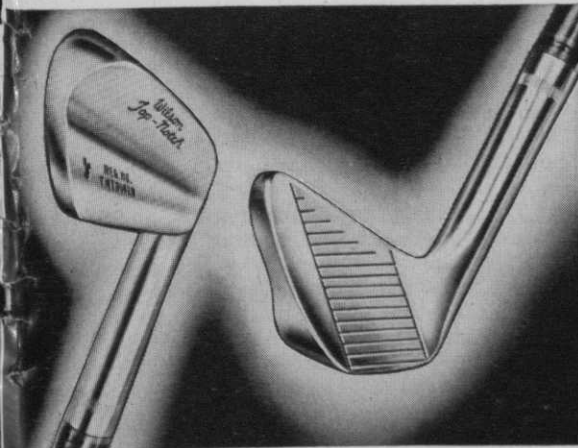
Wilson leads GOLF Equipment-

THE NEW AND EXCLUSIVE WILSON "TOP-NOTCH" BALLS WITH HYDROILIC CENTER OF VEGETABLE OIL

One of the outstanding improvements in golf equipment contributed by Wilson. This new type of "fluid center" ball has a superfine quality of pure vegetable oil in the center. You notice the difference in get-away, in closer control, in the fine distance you get and in the nice action on the greens. Furthermore, because the oil used is vegetable, it is actually good for rubber—tends to keep the ball fresh and full of life for more rounds of play.

The new Hydroilic Center is a feature of the Wilson Player-Fitted Group—Top-notch, Top-notch HH and Spartan—75 cents each.

FOR PRO SHOP SELLING EXCLUSIVELY



FINEST OF IRONS

WILSON TOP-NOTCH

FOR PRO SHOP SELLING

These superfine Wilson Irons, correctly designed and beautifully finished, are accepted as the irons that are *right* in every respect.

Blades become more compact as loft increases. This reduces air resistance on down swing and puts a maximum of driving weight behind the point of contact.

The seven, eight, nine and ten irons have an extending flange sole that is weighted, with a small bevel just below the cutting edge of the blade. This allows the club head to really "get into" the ball and do the job for which the particular iron was designed.



CADWELL-GEER
COVER

Wilson GOLF EQUIPMENT

Wilson Sportina Goods Co. • Chicago, New York and other Leading Cities

19. Caddies should not go in bunkers or on top of mounds in bunkers.

20. Your most important duty as a caddie is to know where the ball is every time, and beat the player to it.

21. Caddies should keep ball clean, and if it goes in rough it will be easy to find.

22. Caddies should not enter club grounds before 8 A. M. unless asked to do so by caddie master, and caddies should be off club grounds by dark.

23. No caddie can be engaged to any player only during tournament play.

24. No caddie will be assigned to any player nor reserved for him until player has entered club grounds, and has applied in person to caddie-master for a caddie.

25. No attention will be paid to request for caddies over telephone.

These rules must be obeyed.

TOM O'HARA,
Head Caddie-Master,
Denver Country Club.

Whether This Golfer Does Dishes Depends on Pryor

THE heat is on Bob Pryor, Dunlop's adv. mgr. Applying the heat is Leslie E. Fenster, a member of Crystal Springs GC, Burlingame, Calif., where Everett Goulart is pro.

Goulart spread the word of the Dunlop "Break 100-90-80" certificates as inducements to improve go'fers' performances. It worked on the Fensters as it has on thousands of other pros' members.

Mrs. F. was playing around 120; Mr. F. in the low 80s with a rare break into the 70s. Mrs. F. swore she was going to get a "Break 100" certificate. Her spouse made the mistake of saying he would get a certificate for breaking 70 quicker than she'd get one for breaking 100. The bet was that Pa would cook breakfast and do the dishes for a year if Ma won. The Fensters began playing a lot of golf and taking plenty of lessons from Ev Goulart.

The letter in which Mr. F. tells of the campaigns is one of the most amusing chronicles of golf. When he was driving, an automobile accident resulted in Mrs. F. getting a broken shoulder, which she felt was unfair tactics.

Mr. F. by a miracle broke 70. Then he learned Dunlop has no "Break 70" certificate. If he doesn't get a certificate for

his feat before Mrs. F. gets hers when she breaks 100 Pryor will be out of luck for the success of his golf-improvement reward idea. It looks like Bob will be stuck for the cost of a special certificate to be sent to Mr. Fenster.

Tam O'Shanter Club Prepares for \$11,000 Event

PREPARATIONS are nearing completion for the \$11,000 Tam O'Shanter Open to be held September 4-7 at the Tam O'Shanter club in the Chicago district. The tournament is being staged with the cooperation of the PGA, the Chicago Assn. of Commerce, and the Chicago District G.A.

The \$11,000 purse, incidentally, is the largest offered in the country this year; the first place winner will draw a neat \$2,000, \$1,400 will go to the second spot, and an even \$1,000 is in the pot for the third man. From there, the cash awards range on down to \$50 for 30th place. Another \$400 will be paid out in prizes to the low scorers in each 18-hole round, and an additional \$200 will be split among the three lowest scorers in the qualifying round.

George S. May, president of the Tam O'Shanter CC, is the 'man behind the Open,' and assisting him is a group of enthusiastic club members headed by Harry G. Daumit, general chairman, Harry A. Rheiner, Albert J. Smith, P. F. Lowder, Matt E. Niesen, Edmund G. Weichmann, George Mallory, Claude C. Crandall and Pro William C. Gordon.

In spite of the large purse, the tournament will be offered to the public at one of the lowest admission prices ever charged for a major golf event. Tickets good for admission all four days have been priced at \$3.00 while daily tickets will sell at \$1.00. This dollar price holds good for the Sunday finals as well and, since the tournament is a benefit (all profits from the event are to be divided equally between the Chicago chapter of USO and the British War Relief Society), there is no tax to be added on.

Entries close August 20, and the qualifying round has been set for Tuesday, September 2. Entry fees, which are \$11, should be filed at the club, Niles, Ill., on or before August 20.

What A Starter Should Know

CIVIL SERVICE COMMISSIONERS of Los Angeles in announcing an open competitive examination for golf starter, describe the job and qualifications of candidates as follows:

Note: A valid automobile operator's license issued by the State of California must be presented before time of certification.

Sex: Male.

Minimum Age: 21 years.

Minimum Qualifications: Graduation from high school and at least two years of experience in work involving meeting and dealing with the public including some experience as a golf player or caddie. Each year of experience of the type specified in addition to the minimum may be substituted for a year of the required education.

Physical Requirements: Candidates will be required to pass a medical examination by the Examining Physician of the Civil Service Commission prior to appointment. They may be rejected for any deficiency, abnormality or disease that tends to impair health or usefulness such as uncorrected defects of vision, defects of hearing, impairment of spine or extremities, disease of nervous system, lung, heart or kidney; hernia, varicose veins, etc.

Duties: A golf starter collects fees from players and makes change; registers players and assigns them to courses; arranges and assigns starting times and starting numbers at designated intervals; sees that players start promptly from the first tee; sells monthly playing permits; announces starting time, number, or individual names over the public address system; answers telephone calls and makes reservations for play; interprets and quotes rules pertaining to golf and the conduct of players; keeps simple records of receipts and attendance and prepares reports thereon; keeps stock records of equipment and supplies on hand; receives money for locker-room rentals, assigns lockers, and maintains locker records; examines tickets of golf players before allowing them to go on the course; drives a station wagon or pick-up truck or walks in patrolling golf courses to see that play moves through the course at uniform speed; investigates and eliminates causes of delay; enforces park department rules; in case of accident renders first aid; examines qualifications of applicants for

positions as caddies; employs caddies, subject to review by a supervisor; supervises the conduct of caddies, and adjusts complaints; upon arrival of supervisor takes disciplinary action on caddies for infractions of rules of conduct; and does related work as required.

Scope of Examination: Candidates may be examined for a good knowledge of golf rules and golf etiquette; a good knowledge of golf playing equipment and its uses; a general knowledge of the maintenance requirements of golf courses; the ability to deal tactfully and effectively with caddies and the public in enforcing department rules and adjusting complaints; the ability to keep simple records and make simple reports; the ability to follow oral and written directions and instructions; and the ability to drive an automobile safely.

Relative Weights and Minimum Score Required:

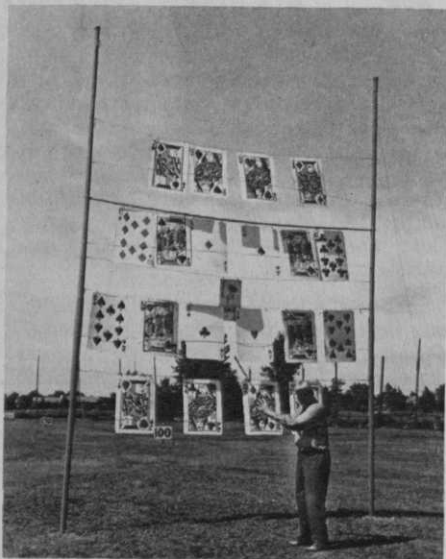
	Relative Weights	Minimum Required
1. Written Test	6
2. Evaluation of Training and Experience and General Qualifications (as determined from application and by oral interview)	4
Total	10	75%

Display of Cheaper Balls Boosts Clark's Profits

TOM CLARK, veteran pro at Blue Hills Club (Kansas City district) has a small glass bowl of 3-for-\$1 balls and one of 50 cent balls, both with prominent price signs, on his ball and accessory sales counter.

Considering that Blue Hills is such a highly desirable private membership club that it has a waiting list, we won-

Clubhouse or golf course faucets that drip one drop a second waste about 456 gallons on a yearly basis.—CKB.



Penoker, a combination of golf, pinochle and poker elements, is a new game for golf practice ranges, invented and made by Ted Lloyd, 222 S. First St., Geneva, Ill. Von Lengerke & Antoine, Chicago, are selling agents for the game.

Penoker consists of large steel sheets which are of playing card designs (20 cards and the joker). These cards are hung 50 yards from the practice tee. Object of the game is to fill a poker hand by hitting the steel cards with a golf ball. Fifteen balls are hit.

The first installation of Penoker has been highly successful in increasing practice range income.

dered at this display of lower-priced balls. Tom is a canny merchandiser, and here's his explanation for the lower-priced ball display:

"The pro at a good club has built his 75 cent ball market and the customers who want the best naturally come to him. So a small display of a few lower-priced balls doesn't interfere with the sale of first-grade balls, but does make a discreet bid for the business of junior members and women who (together with their husbands) may hesitate to invest 75 cents in a ball for a game that is in early stages of its development. (Tom is very tactful about that.)

"Also, I have found that guests who may come out for an afternoon, who haven't been playing much golf, who don't know the course and expect to lose several balls, appreciate having the opportunity to make their choice between 75 cent balls and others of lower price.

"It's been my observation that instead of trading down my sale of 75 cent balls in the slightest degree, the modest dis-

play of lower-priced balls has given me more of a percentage of the balls played at Blue Hills. A gentle reminder that "cheap is cheap", but that I can meet any reasonable price competition and service requirement, has proved to be good business and good service to my members and their guests."

Horter McVeigh Fatally Injured in Auto Accident

HORTER ("JOHNNY") McVEIGH, assistant to Mortie Dutra at Red Run GC (Detroit district), died July 23 at Royal Oak General Hospital, two hours after an automobile accident. The accident occurred when McVeigh and four other young men were returning from McVeigh's 21st birthday party.

The boy was one of the most promising prospects in pro tournament golf. Since the age of 13 he had been athletically proficient and was an all-around high school star. He turned down tryout offers as a pitcher with the Yankees and Cardinals. He played in only one amateur tournament; in the California amateur where he was runner-up at the age of 16. After that he turned pro and turned in very creditable performances in winter circuit tourneys.

He was pro at Breezy Point (Minn.) Lodge last year, and in the winter was at Woodland Hills, Hollywood. This year he failed to qualify for the National Open but was one of Michigan's 5 qualifiers for the PGA. At Denver he was ruled ineligible as a contestant due to not having served the 5-year period as a master pro. He took that disappointment like the fine, gracious stand-up young man he was in every respect. He didn't complain, snarl or pass the buck.

Father Widely Known in Golf

With him at Denver was his father, Blake McVeigh, publicity man for Paramount Pictures, and widely known to golfers. Horter had prevailed on his father to allow him to take up pro golf after graduation from high school instead of proceeding to college. The boy was one of the finest type of young men attracted to pro golf and his loss on the threshold of fame is lamented by the many who knew him and his parents.

Be Systematic About Publicity

By GENE KORZELIUS

GOLF club members often may wonder why they don't get more newspaper publicity for their social and sports events. I know that some members complain to managers of their clubs, possibly thinking that the manager may have some magic power to solve the problem of space limitation which frequently confronts newspapers.

One of the misplays that club committees, especially those of women, make in attempting to get newspaper publicity is in forcing the hand instead of keeping gently at it until giving the club publicity becomes a habit with the paper.

Let me cite a recent instance. The ladies of the club were having a tea or a dance. They called the society editor, said they were forwarding a picture of their chairman, wanted it run no smaller than 2 column, used in every edition and inserted in a prominent position in the paper. Now I know of no better way to invite disfavor with newspaper people. That amounts to about the same thing as a salesman entering a store, putting over a big order then demanding that the merchant use his main show window for a display of these goods.

Newspapers seek news, of course. They are glad to look at pictures. Most often, when the occasion warrants, they will send their own photographers to get the pictures. But certainly, when they're just favoring a group by using a picture in the way of advance publicity, they're not going to be told how to use that picture. The editor's judgment will prevail. Space conditions will go a long way toward determining whether such a picture is to be 1 or 2 column. Also it might be added—the attractiveness of the subject will have a lot to do with it, too.

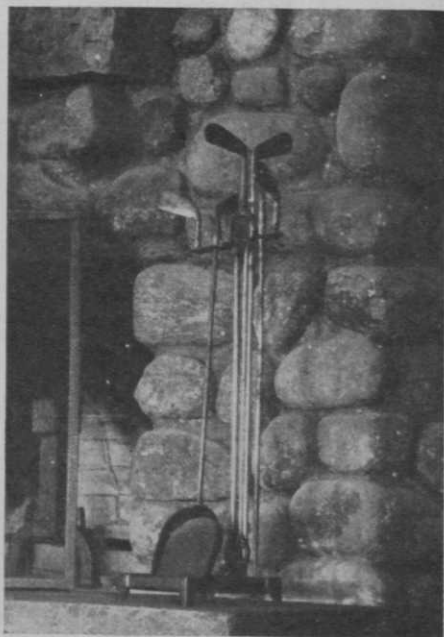
Each year golf provides more news, receives more reportorial attention than the previous season. That is not surprising. The number of persons interested increases. Consequently, the sport merits more newspaper attention. And I have particularly noted that it brings into the newspaper columns names that otherwise might never be in type. The most obscure

person occasionally flashes into the sports page news because he has shot 129—43-86 to win the Class C sweeps.

Golf clubs can aid the newspapers. The most valuable adjuncts toward producing a thorough and correct list of winners each day here in the Buffalo district are the club membership lists. These contain middle initials, for the most part, in addition to the correct (usually) spelling of names.

In smaller communities this applies as well. The sports editor or the golf writer will appreciate such a list. Not only will it be of value in reporting the club's golf news, usually containing the names of the more prominent persons in that vicinity, but it will be handy for reference to other departments of the paper, local, etc.

Also assisting me in my work is a bundle of score cards from each of the different clubs. If a story breaks about a



An interesting set of 'irons' are these fireplace andirons at the Walkill CC, Franklin, N. J. (Ed. B. Cale photo)

hole-in-one or a particular splendid or unusual shot on a certain hole, I simply refer to these cards, learn the par and the distance. This helps considerably in producing the story. Too, from having seen this particular fairway at some time or other during the past four or five years, I may be able to visualize the layout from tee to green; conditions right and left of that fairway.

Here in Buffalo and in all major golfing centers of the country the thorough coverage of the sport demands more time of the sports departments. It isn't as 20 years ago when your humble servant first took pen in hand, etc. There were only four courses that provided anything relating to news and, really, only one of these was active. I could make train connections upon leaving the office to get out there (12 miles away), pick up the scores, and meet "the limited" on its return journey in order to have the complete list of all the contestants, about 20 or 30, for the morning paper.

Few golf writers can think of leaving their offices, now, on the Saturday or Sunday evening of a weekend. Constantly the phones are ringing, bringing reports of the events: sweeps, 18-hole handicaps, me-and-mine tournaments, etc.

No wonder as one looks at it today and then takes the game in retrospect, that golf is no longer simply a sports page "filler," something to be thrown out at the discretion of the editor, but a "must go" and often, as in the case of major national tournaments or outstanding local events, a first-page item.

Accident Reminds of Necessity for Fireworks Safety Measures

MISSION HILLS CC (Kansas City district) was scene of a tragedy that has not occurred at other golf clubs because of the other clubs' good fortune, and for no other reason. During the Fourth of July evening fireworks display at the club an aerial bomb misfired and burst in a family group 140 ft. from the point where the bomb was ignited.

A 4-year-old boy was fatally injured, his sister, 6, badly injured, and his mother burned severely and her left eye critically injured by faulty performance of the bomb. Others in the vicinity were injured by the bomb and further injury from an incipient panic of apprehensive and bewildered parents and youngsters

was narrowly averted by quick, calm action of club employees and members.

The fireworks display, long a feature at Mission Hills as at other clubs, attracted non-members whose entrance was permitted as a neighborly action by the club. The dead boy, his injured mother and sister, were not of a member's family.

The fireworks exhibitor was not covered by insurance. However, it is said, the club's insurance covers the legal phase of the lamentable affair.

Club managers and officials who have contended with the difficulty of keeping crowds of children under control at Fourth of July fireworks displays, and who may have been counting on their good luck continuing, might well file this item as a reminder to be considered immediately prior to July 4, 1942.

Blue Hills' Signs Reflect Friendliness of Club

MANY clubs have signs in their locker-rooms advertising that it's the policy of the club to arrange games for members who come out without having made dates with playing companions. However, most of these signs read and look like pure formalities instead of actual good-fellowship expressions. Not so, though, the sign at Blue Hills Club (Kansas City district) where John Osteen is manager.

The Blue Hills sign is an attractive and quite large affair lettered on a metal background. It greets the eyes as one enters the Blue Hills men's locker-room.

It reads:

THIS IS A
FRIENDLY CLUB

It's an old custom to assist members in making up a game. When desiring this assistance just ask Tom Clark, pro; Paul Temple, caddie master; or any member.

You are a chairman of a committee, as is every other member, to assist others in making up foursomes. Please help us make our members happy.

BLUE HILLS CLUB.

A telephone between the first tee and the caddie-master's desk which is located near the locker-room entrance, facilitates filling out foursomes when members without games are in the locker-room and others who could use one or two players in completing their foursomes are awaiting their turn on the first tee.

Committee Studies CMA By-Laws Changes

UPON taking office at the Buffalo Club Managers' Assn. convention, President Fawcett became cognizant of the fact that the by-laws and constitution, under which the Association has operated for many years, are in conflict as to the number of directors, and that there are several other sections which could be changed to the benefit of the membership, particularly with reference to the handling of the finances of the Association. He accordingly appointed a committee to study changes which will be beneficial and which will help in the administration of the Association in the future; Fred L. Wood, of the Denver Athletic Club, Denver, Colorado, a former president of the Association, has consented to head that committee.

Any members of the Association who have found items in the by-laws which do not meet with their approval, or who feel that the by-laws could be changed to advantage, are urged to write Chairman Wood at once so that his committee may have the result of the thought of the individual member, as well as those of the officers and directors, to guide them in their work.

'42 Convention to Ratify

Naturally, the conclusions reached by the Denver committee will be placed before the Chicago convention in 1942 for ratification. It is hoped, however, that long in advance of the Chicago convention the by-laws committee will have made a report to the president, so that it can be released to the members in time to give ample consideration to it, before going to the convention.

President Fawcett's experience has been that committees having membership in widely separated cities rarely have had the opportunity to get together for any real work, and it has been his policy thus far during his administration to keep the locale of the membership of the committees as close to the chairmen as possible. Members of the by-laws committee are Howard Mehlmann, Lakewood CC, Denver; Lawrence W. Marrin, Cherry Hills Club, Englewood, Colo., and A. K. Bott, University Club, Denver.

Pueblo Club Convicted, Fined on Gambling Charge

PUEBLO (Colo.) G&CC was convicted and fined \$1,000 and \$315.15 costs July 17 for allowing poker games in the clubhouse by District Judge J. Arthur Phelps, in a case of great interest to golf club officials.

Defense attorneys were granted 60 days in which to make an appeal to the State Supreme Court.

The club as a corporation was convicted on counts of keeping gambling equipment

Local 'Color'

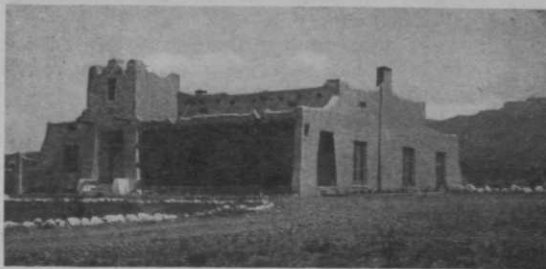
Three examples of clubhouses that fit into the local tradition and scenery:



The Ojai Valley CC near Santa Barbara, in the land of the old missions and the haciendas of the early dons;



The clubhouse at Jasper National Park among the steepled woodlands of the Canadian Rockies, and



The Trinidad (Colo.) CC, with rugged Fisher's Peak, rising 10,000 ft. above sea level, in the background.

and keeping a building or room for gambling.

As club officials and members in other cities generally view the Pueblo case the Pueblo G&CC was made "the fall guy" in a situation that according to the laymen's view involves a constitutional liberty. However, legal advisers of golf clubs are investigating the specific points of fact and law in this case in order to protect other clubs against similar embarrassment.

The Pueblo case was stirred up by a discharged employee who kept records of credits due poker players at the conclusion of each session. Just what part of the former employee's business poker auditing was nobody seems to be able to explain, although bewildered Pueblo members are willing to admit the whistleblower had an eye for his own future.

The employee took his data to a District Attorney who cast his eyes heavenward, cleared his throat and in ringing accents proclaimed "crime must go!"

It all would be strictly comic opera except for the nuisance and expense it's caused the club, and the concern it's given managers, officials and members of clubs in other states where the gambling laws are substantially the same as in Colorado. The Pueblo case is the only one of its kind in Colorado where it is popularly supposed that a man's home is his castle, and his club is even better because he can do more complaining at his club without Ma telling him to pipe down.

Organization of Divot Diggers Solves Tough Problem

A SIGN printed on a round metal background about a foot in diameter and stuck on the first tee of Kansas City's Swope Park municipal course No. 2, intrigues the player at that excellent muni establishment.

The sign reads "Are you a Divot Digger?" It has a large interrogation mark in red behind the black lettering.

About 50 yards from the tee at the left of the fairway, is another sign identical with the one on the first tee.

Then, at intervals of about 25 yards along the left of the fairway are three other signs. They have the continuity interest of those Burma-Shave roadside poems.

The second fairway border sign reads:

"You can be a member, you know."

The third one reads:

"How and Why? Easy and Free, too!"

And the final sign bears this message:

"Just replace the turf, brother."

The ingenious and effective procedure to remind players to replace divots is the idea of Harry Railsback, managing superintendent of Swope Park. Harry is naturally a diplomatic operator, and was started right in golf diplomacy as one of the proteges of Joe Matthews, widely known veteran of golf in the midcontinent.

So Harry tackled the tough problem of getting public course players to replace divots and otherwise cooperate in the players' responsibility of course maintenance by using this "teaser" series of signs rather than relying on the usual policy of censuring the players by printed and spoken word.

The Divot Diggers is an actual organization of Swope Park players to whom is issued an attractive and amusing little membership card designed by a prominent local artist whose golf interest also has produced a great series of newspaper cartoons giving a close-up on golf.

Railsback, Greenkeeper Ed Brugger of the Swope Park courses, and Leland Gibson, pro at Swope Park, all testify that organization of the Divot Diggers has not only been responsible for players having more consideration for the maintenance problems of the course, but has developed a lively interest of private club character which is a valuable factor in operating municipal golf to the satisfaction of its patrons.

Swope Park under the Railsback management of its golf activities is an excellent example of how a municipal course may be developed as a recreation public utility of intimate appeal to its patrons, rather than merely a hit-and-run low-priced golf layout.

Hausen-Nufer Nuptials — Elizabeth, daughter of Pete and Stella Hausen of Chicago's Edgewater GC, was married July 25 to Eugene Nufer, son of Mrs. Elizabeth Nufer of Chicago, at St. Henry's Rectory.

As Bim, and the daughter of the popular and merry Hausens, the new Mrs. Nufer is widely known to club managers and their wives. She's a fashion expert. The groom is scion of a family long famous in Chicago's restaurant business. The kids are honeymooning in Wisconsin.

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in America*



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SPALDING "DOT"

A. C. SPALDING & BROS., DIVISION OF SPALDING SALES CORP.

If You're Planning New Greens

—then read this timely, important article on green building

By **CHESTER MENDENHALL**

Supt., Mission Hills CC, Kansas City, Mo.

I SAY to any club's officials who are expecting to build new greens: first, that it is impossible to build an elaborate green for any \$200 or \$300; second, that it is impossible to construct a green properly overnight; and third, that proper time for seeding in either spring or fall does not exceed 10 days. I don't mean that if you cannot seed in this 10-day period that it is useless to seed. But I have found that a green seeded 10 or 15 days later, especially in the fall, will probably not be in shape to put into play from 40 to 60 days after seeding. When contemplating the construction of a new green, a little early planning usually pays big dividends in the end.

If the new green is to be built in the same location as the old one, it is necessary to keep the old green in play as long as possible. If in the spring you are considering the construction of a new green in the fall, it is well to select a spot at the edge of the fairway for a temporary green that will be well out of the way of play and out of the way of con-

struction work on the new green. This temporary green should be seeded, fertilized, mowed, and watered the same as your regular greens. If this is done, you will have a fair green for play while you are constructing your new green. This can be done at very little expense.

If the temporary green is made at the edge of the fairway, it will not interfere with your regular play up to the time work is started on the new green. At this time the fairway can be mowed out to take in the temporary green, and when the new green is put into play the fairway can be straightened out again.

If the decision is made during the summer to construct a new green, you have no chance to prepare a temporary green. In that case we always strip some sod from the back of the green that is to be torn up and sod a temporary green, leaving the front part of the old green in play a few days while the sodded temporary green is getting into shape. This does not make the most perfect green but I find that the members like it much better than a temporary sand or fairway grass green or omitting the hole until the new green is ready.

Early Fall Best Time to Build

When we are to build a new green, I prefer fall construction if possible. In the first place, you have far less interference from weeds, and second you have the advantage of both fall and spring growing seasons; while if you construct a green in the spring it hurries the young grass to form a good mat before the hot summer weather sets in. We like to start construction not later than August 15. That gives time to finish construction and get the green well wet down before seeding. As we usually have very little rain during this season of the year, I try to wet a new green under construction every night, starting the sprinkler as soon as the men quit at night and having it turned off in the after-part of the night so the ground will be settled by work-time the next morning.

I am going to omit the details of con-



Picturesque No. 5 green at Mission Hills CC.

struction as this has but very little bearing on getting a new green in play. After the green has been constructed, the next step is preparing the seed bed. This is a very important step. Enough sand and well rotted manure or peat should be added to give the texture of the soil desired. The amounts to use depend on the texture of the original soil. These materials must be thoroughly mixed with the soil.

Getting Right Soil Texture Is Vital

I would like to stress that the thorough mixing of the sand and the humus with the soil is very important. It has taken nature hundreds of years to produce a sandy loam soil and the man who thinks he can produce the same soil texture with clay, sand and humus in two or three hours has another think coming. How many times I have cut a plug out of a new green that is supposed to be well mixed, and struck a pocket of sand or peat!


I will have to condemn the disc harrow as being responsible for most of these pockets. The disc harrow has its place in cutting and pulverizing the soil, but it surely is a poor tool for mixing.

After a green has been raked to a fair grade I add my sand and humus. I haul these materials onto the green and spread with shovels as nearly even as possible. Then we go on with disc harrow and cut a number of times. We follow this with a roller to make the ground more firm. Then I use a spring-tooth harrow to mix the soil. I alternate the roller and the spring-tooth harrow until I am sure that the soil is well mixed to a depth of 5 or 6 inches. I like to do this part of the work with a team rather than tractor.

After the mixing process has been finished the green is raked to a finished grade and whatever loam and fertilizer needed is added and raked into the top of the soil. The green is then watered well and let lay until time for seeding. I like to seed in the Kansas City district the last week in August, if possible. After the green is seeded and well rolled it is wet down well, and I don't intend to let the ground dry off on top until after the grass comes up. The success of getting a good stand of grass depends a great deal on the amount of water you give it. After the grass comes up the water is checked some, but the ground must still be kept damp. In about ten days your green is ready for play.

If the grass crowns are kept well rolled

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POWERS SAFETY SHOWER MIXERS



say Penfold

WORLD'S PREMIER GOLF BALLS



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down, a green can be put in play much sooner than if the roller is left off and the green filled with topdressing.

When the green is about 30 days old, I put on a light topdressing and follow up with another topdressing in about 10 days;

and if everything has gone well the green is ready for play with a fair putting surface. A green seeded in August generally gets fairly well covered before the fall rains set in and this reduces the damage done by washing.

Repairing A Water System Storehouse

By ROBERT J. CRONIN

Greenkeeper, Glens Falls (N. Y.) CC

DURING the season of 1940, we found that the pipes that supply our water to the golf course contained a great amount of corrosion and small particles of rust. We decided that during the winter we would have to renovate our storage tank. Many other greenkeepers are confronted with this same problem.

Our water system has two mains. One, which goes to our clubhouse, is in use continually. It is 500 ft. from the tank. The other one is used only during the golf season. The former is a 2-in. main, the latter, a 3-in. Our clubhouse being open all year 'round, necessitates a hookup that would supply our needs at that station although our storage tank was out of use temporarily.

The obstacle was overcome by removing the check valve from the club line directly ahead of the pump and connecting a line to the safety valve under the tank. This allowed us to pump directly into our lines. In order to do this we also had to set up an overflow line to take away all the surplus not needed at the club. We ran a 1-in. pipe out the wall of the building and placed on a 1-in. elbow and a small piece of 1-in. pipe, which we completely covered with a 2-in. pipe 44 ft. long, that would carry the overflow into the lake. The former 1-in. pipe was tapped to a safety valve at the pump. We throttled our Gould pump (the smaller of two reciprocal pumps used, the other a triplex Kewanee) to push water at 90-lb. pressure. This pump remained running hourly until late in the evening when the

socials at the club were over. Then the pump was at rest for the remaining night hours.

To get down to the actual tank renovation, our first chore was to open the tank and flush out the corrosion that was settled in the floor of it. After a series of flushings, we clarified the situation with the use of scrapers made from mowing machine sections ground down to an edge on not only two sides but also on the third, drilled and screwed to $\frac{1}{2}$ -in. bolts on which we placed 4-in. wooden handles. We also used files that were sharpened on the ends to scrape around the rivets in the tank. Three men worked six hours with these instruments and removed all the hard scales from the walls. The next day two men were employed in the tank, alternating with an electric brush that completely removed all the remaining rust. Work on the tank covered a period of eight working hours. The following morning a coat of Socony tank paint was applied and allowed to dry for six hours. That evening the three men employed in painting returned and applied the second coat of the same material. The fourth day the third and final coat was applied, this being a covering of aluminum tank paint which was allowed to dry overnight. Our final day of work on the project was to recap the tank and repipe our connections as they previously had been.

Perhaps I have neglected to tell our method of getting air into the tank. We had an electric blower into which we connected 4-in. stove pipes. We ran these pipes to the inside edge of the tank with the use of a 4-inch elbow, and 4 braces ran the pipe to the ceiling of the tank along the top of the far end of the 30-ft. container onto which we placed two el-

Superphosphate, dusted on greasy concrete floors of golf barns, is inexpensive, and more absorbent than sand. Also, there is less danger of slipping than when walking on sand grains that roll under foot.—CKB.

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bows, which allowed the fresh air to move on to the front and supply the men with fresh air at all times. At first we placed the blower outside the building but found that the outside temperature, about 4 to 10 degrees above zero, chilled the pipes to the extent that moisture was dropping from them into the tank and we feared this would harm the surface after paint was applied. We then placed the apparatus in the building and found it to be a much better place for it. We kept our blower in use after each coat was applied and found it aided greatly.

We firmly believe that this method of tank renovation is the safest, and we know it to be very economical.

We allowed the blower to run continually after the coats of paint were applied and found it aided greatly in drying the surface.

Famous Midwick CC Sold for \$178,000

PURCHASE of the Midwick CC, Los Angeles, for \$178,000 by Dominic Jebbia, Italian-born fruit magnate, has caused considerable sport page comment. Midwick was established in 1910 as one of the swankiest country clubs in the world. There was \$492,000 indebtedness against it when sale was ordered. Jebbia outbid the club's members.

Midwick also was internationally noted in polo.

The 1929 market crash practically knocked out Midwick, although it lingered in a futile attempt to solve its financial problems without the freehanded support

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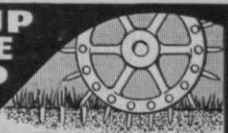


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of the wealthy men who belonged in its earlier days.

El Caballero, Rancho, Flintridge, Hollywood, Brentwood, Pasadena, El Sereno, Royal Palms, Mountain Meadows, St. Andrews and Palos Verdes preceded Midwick as once-famous southern California district private clubs now operating as fee courses, or abandoned to the devices of real estate promoters. Several of those clubs were extravagantly overbuilt in clubhouses, and were doomed when times got tighter.

However, golf play in Southern California has increased, due to public play on pay-play courses.

Pasadena has been offered the Flintridge property as the city's second municipal course. The property has been offered at \$100,000 but \$25,000 in delinquent taxes might be cancelled making a club plant that went broke for \$400,000 a \$75,000 buy.

What'll be done with Midwick is not known.

The city of Alhambra is considering buying it as a municipal recreation center.

Gene Sarazen and Ellsworth Vines

have made a proposal to lease it for fee course operation. Members may buy it from Jebbia. Other offers have been made for the club to be continued as a fee course operation. Subdivision and cemetery prospects have been discussed.

It is said that Midwick had more than a \$40,000 inventory of liquor when it was bid in by Jebbia.

Denver Awarded 1942 Public Links Tournament

DENVER'S Wellshire public course gets the 1942 USGA Public Links championship. Denver, proud of its success with the 1938 National Open and 1941 PGA, made a determined bid for the event.

More than 500 entries in the Public Links qualifying rounds at Denver attested to the keen interest of the city's public players.

Already Denverites are planning entertainment and other features of the 1942 championship, with the ambition of outdoing the Spokane people who this year established a new high for public national tourney organization and operation.

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