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NEW, COMPLETE

Southern Hills of Tulsa Proves Major Developments Are Practical Again

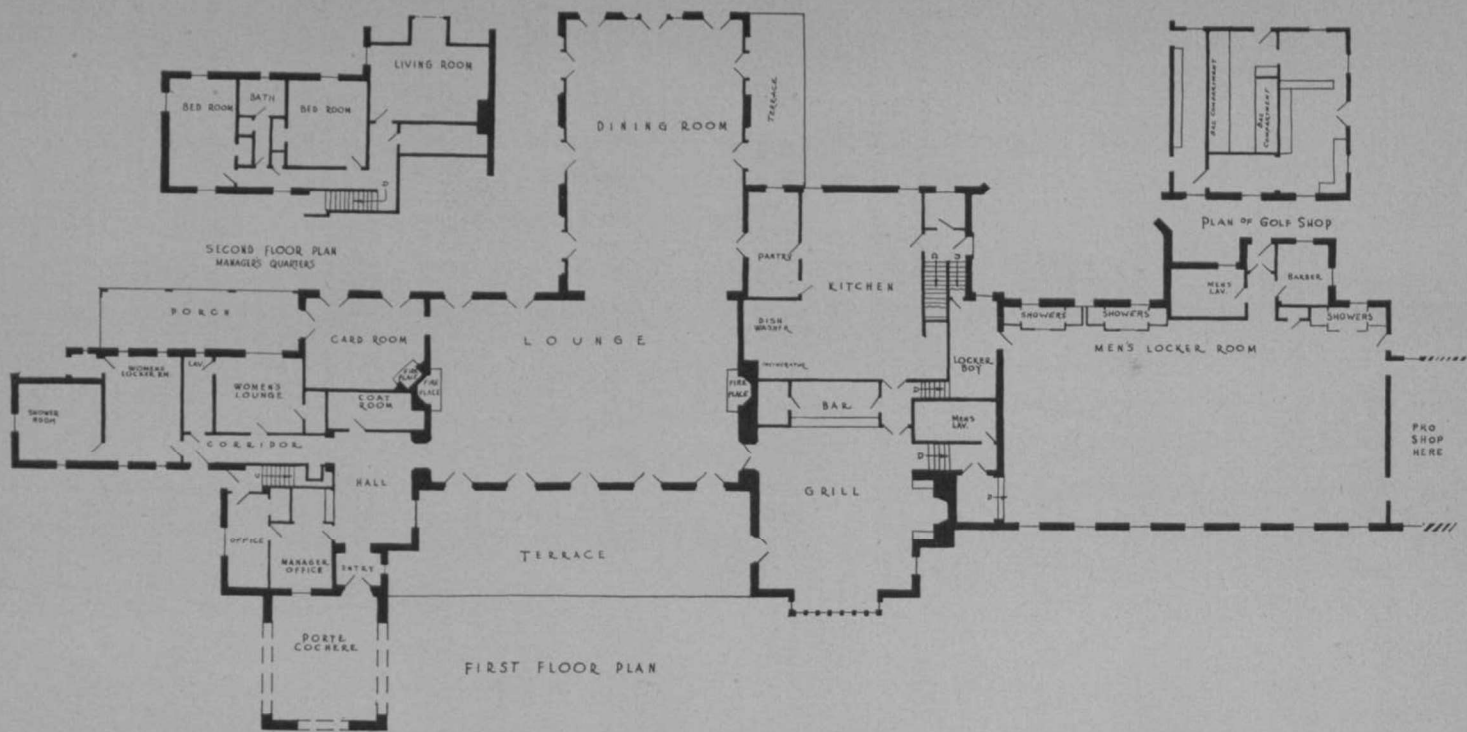
WITH considerable clubhouse building and remodeling in prospect, much attention has been given the Southern Hills CC establishment at Tulsa, Okla., rated as one of the most modern and complete golf clubs built in recent years. Southern Hills was organized to provide the nation's petroleum capital, a brisk city of 148,000 population, with a highly modern private recreation club at which all facilities of country club character would be available. The factor of displaying to visitors from other metropolitan points a country club that would rank among the country's best and that would provide a society focal point, keynoted the Southern Hills enterprise.

Tulsa has three other excellent private golf clubs; the veteran Tulsa CC, Oakhurst and Indian Hills, all of which are doing well and supplying first class facilities to the lively and growing golf interest of the community. Consequently Southern Hills had to have not only a sound business platform but distinction of clubhouse and course to justify its beginning. A location in a gold coast residential sector of the city was provided through the extremely helpful interest of Waite Phillips, oil magnate and one of the famed builders of the southwest's petroleum domain. Phillips made an outright gift of

307 acres of picturesque, wooded rolling land nine miles southeast of Tulsa's business center. He gave them an option on purchase of several hundred additional acres adjoining.

About 200 telegrams were sent by the prime-movers of Southern Hills to men who were considered eligible for the club and the first meeting was held in the vast home of George Boles. Response to the wire invitations was almost 100%. Prominent men who were enthusiastic about the new enterprise and willing to work, were elected to head Southern Hills. F. B. Parriott, nationally known oil executive was made president; R. Otis McClintock, a banking power in the oil world, was elected treasurer and Harry Campbell, attorney, was made the club's secretary. On the executive board are Don Bothwell, oil man who is a veteran mid-continent golfer; J. L. Shakely, oil supply company official; and S. C. Canary, oil magnate.

Promptly after the organization was completed there was put into effect a policy of delegating full responsibility to the men who were hired to do the job—and



Floor plan of Southern Hills clubhouse, including layout of manager's living quarters on second floor. Note convenient location of kitchen for service to dining room, grill, men's locker-room and pool veranda which is to left of dining room. Note also how dining room and lounge can be used as a unit for handling large parties. Attractively decorated card room at left of lounge is a popular feature. Women's locker-room has been found to be too small, due to unexpected development of women's golf interest, and popularity of pool. Pro-shop is handy to first tee and parking lot. Steel bag racks are used in bag compartment and workshop.

the hiring was done after careful and conclusive investigation. Inspection of the results shows plainly the benefits of this principle of hiring able men to do the work and then letting them do it with the minimum of amateur interference.

Perry Maxwell designed the course and his staff, together with Greenkeeper Louis De Parlier, a protege of Donald Ross and formerly superintendent at the Gulf Stream club at Palm Beach, constructed it.

William Wotherspoon, formerly of Old Mission GC at Kansas City was engaged as pro. The job of attracting and developing players, especially women and children, was one in which Wotherspoon is splendidly qualified by temperament and training. Many Southern Hills members have played but little golf, if any, and Wotherspoon already has given a successful demonstration of how to arouse a lively golf interest.

Francis Motz, Swiss-born expert with 17 years of hotel and club experience, was secured from the Tulsa City club as manager and worked in close association with the clubhouse architects, Donald McCormick and John Duncan Forsyth, in arranging the clubhouse as a fine job of class, efficient and flexible operating facilities.

In charge of the stables is Kern Johnson, formerly manager of a Tulsa riding establishment. Southern Hills has 10½ miles of bridle paths.

One of the finest swimming pool installations at any private golf club in the United States, four tennis courts, a polo field, a skeet installation and picnic grounds, in addition to a championship 18-hole golf course and a large golf practice and instruction area, comprise the recreational facilities of the plant.

Lounge, Dining-Room Can Be Thrown Together

The clubhouse has an interesting combination of lounge and dining-room, permitting expansion for handling big parties without this expansion looking make-shift or slowing up service. The kitchen is located conveniently for service to dining-room, grill-room, men's locker-room and to veranda tables overlooking the pool.

Over a fireplace at an end of the lounge is a pictorial map of Tulsa and over the companion fireplace at the other end of the lounge is a map of the club property, done in the same style.

The grill-room has a test installation of air-cooling and conditioning made by the

Waukesha Motor Co. and Oklahoma Natural Gas Co. This installation was so notably successful that air-cooling is to be extended throughout the clubhouse. The Southern Hills installation gives promise that air-cooling has a great future in country clubhouses. Manager Motz says that air-cooling's favorable effect on house income definitely justifies the expense.

Women's Quarters Prove Too Small

Due to the unexpected expansion of women's golf as result of Pro Wotherspoon's attention to this important matter, and due to the popularity of the swimming pool, the women's locker-room has proved considerably smaller than patronage demands. An ingenious and attractive clothes cabinet, provided with hangers for women's clothes and under vigilant care of the women's locker-room attendant, was suggested by Wotherspoon and approved by Motz as the solution of the overflow storage problem. Individual dressing compartments provide privacy for women.

Highly endorsed by women and by Motz as essential equipment for clubs with swimming pools are the Sanidri electric hair-dryers installed in the women's department.

Southern Hills men's locker-room is light, well ventilated and has tables below the windows. All-Steel Equipment lockers of generous dimensions are supplied. Coarse aggregate in the topping on the locker-room floor prevented spike slippage during the time the eventual floor covering was being chosen. McCormick, the architect, suggests that such topping, tinted, might make a very satisfactory finish for locker-room floors, with carpeting runners.

As men's locker-rooms go, this is one of the best of the usual type, but in comparison with women's department decoration shows considerably missed opportunity for a masculine counterpart of the interesting, attractive treatment which the women's quarters got. With club grill-rooms becoming co-ed in most clubs, the men's sole, exclusive haven needs more lively, genial atmosphere in its decorative handling.

An interesting bar with a back-bar of Motz's own design provides quick service and has provision for expansion of business. In his compact and well-arranged kitchen there is good ventilation and light that promotes scrupulous cleanliness. Equipment includes a Majestic range, Toastmaster coffee urn, Seeger refrigera-



A veranda overlooks the large swimming pool of Southern Hills and is the stage for many of Tulsa's smartest social affairs. This view was taken from entrance to tennis courts.

tor with Kelvinator units, Sav-more roaster, Blakeslee vegetable peeler, Colt Auto-San dishwasher and a Hobart mixing machine. International silver, Liddle linen, Shenango china, and No-nik glassware are used for service. In refrigeration equipment the club has a heavy investment. The meat and vegetable boxes were designed by Motz in collaboration with refrigeration engineers. The boxes are insulated with Armstrong insulation and are properly ventilated. The Southern Hills refrigeration equipment, in addition to caring for food storage, furnishes 200 lbs. of ice per day for cubes.

Eventually, Motz believes, the club will have a laundry, not because of any marked saving in costs but on account of the sav-

ing in linen. The laundry item, of course, is heavy in swimming pool operation. Swimmers average three towels a swim. Cannon towels are used in locker bath departments and at the pool.

Hot-air heating is installed in the clubhouse. The space heater, made by the Young Radiator Co. is used for supplementary heating in the men's locker-room.

General Electric water-coolers and Kelvinator soft-drink cooling and service boxes are installed at several points around the clubhouse. The quick rise of Southern Hills to a highly-rated and active social establishment without injury to the other private clubs in the territory has been especially interesting. During the intense

(Please turn to Page 42)



Left to right: Wother- spoon, pro; De Parlier, greenkeeper; and Motz, manager at Southern Hills. This team co-ordinates departmental operation to reduce directors' operating troubles to a minimum.

SOUTHERN HILLS OF TULSA

*Continued
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heat of the summer Wotherspoon restricts the women's golf schedule to a few events, although men's play keeps up surprisingly strong. The pool and clubhouse parties get a big play in the society news of Tulsa newspapers during the summer and in this space, also, is frequent reference to the increase Wotherspoon has brought about in golf play among the social leaders of the town.

Shop Is Well Planned for Business

In the pro-shop Wotherspoon, with the architect, has done a fine job of planning. Showcases are kept immaculate and Wotherspoon's own desk, back of the showcases, is neat and arranged for business. Wotherspoon has a very capable, alert and pleasant assistant who does much to ease the heavy duties a pro at a new club must handle.

On the second floor of the clubhouse are living quarters for the manager and his family. These quarters are roomy and attractive and give Motz a chance to take a breath now and then; something that too frequently is denied country club managers who have to be on the job energetically for stretches as long as 20 hours.

The combination of greenkeeper, pro and manager at the Southern Hills club is one of the most harmonious batting orders of department heads any club can boast. De Parlier, Wotherspoon and Motz often have their own private "directors" meetings in coordinating the operations of the club.

Pool Meets Heavy Traffic

Naturally climate as hot as that of Tulsa in summer means the swimming pool gets a heavy play. Charles Hyatt, swimming pool expert of Springfield, Ill., designed a beautiful T-shaped pool. Hyatt was on this part of the job as an associate of the late Wendell Miller, who was responsible for the course irrigation engineering. The filtering room for pool water represents an investment of \$18,000 in equipment supplied by Crane, International Filter Co., Wallace and Tiernan and other manufacturers.

Thousands of scrub oaks were removed in building the golf course. Supt. De Parlier remarked that the most versatile and

valuable piece of equipment used in building the course was a Caterpillar tractor which helped do the grubbing, the grading, the road building and the fairway preparation among its other jobs. Construction work was started on the course Feb. 18, 1935 and the course was in fine condition for a new establishment early in the summer of 1936. There was trouble on three greens due to the sharp sand being blown into young seaside bent sowing and cutting it.

During the first year of play the course was singularly free from turf troubles. Despite a generous but vigilantly supervised application of water on fairways, greens and tees, there were only small and widely separated patches of crab grass and these De Parlier believes came in with one batch of seed he received.

Course Is Fully Watered

There were some attacks by sod webworm but this De Parlier got under control with Red Arrow. He applied Semesan, weighed and bagged for 1,000 sq. ft. application, in successful preventive treatment for fungus diseases. A Buckner fairway watering installation with snap sprinklers and one of the most completely automatic pumping installations, is said by De Parlier to give Southern Hills a model installation. During earlier stages much hand watering of greens was done. Goodyear hose was the choice at the new Tulsa establishment.

The club was fortunate in being able to locate an old bed of the Arkansas river for its wells. The river now is 2 miles to the west. Water is stored in a large earthen reservoir 30 ft. deep. Worthington and American Well Works pumps and Crane fittings are used in the pumping installation. Brown Instrument Co. recorders for pressure and flow give a story of the watering work at the course and enable De Parlier to work out the most efficient watering schedule.

De Parlier operates on the platform that the first two years of a golf course are inevitably years in which construction work figures prominently. Although he received authority from the club officials to buy all equipment without making initial expense a retarding factor, there was no extravagance involved in these instructions. Labor-saving by machinery was the



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Looking towards Tulsa from Club house. Sprinkler on No. 9 Green in foreground. Hoseless fairway sprinkler on No. 9 fairway in background.

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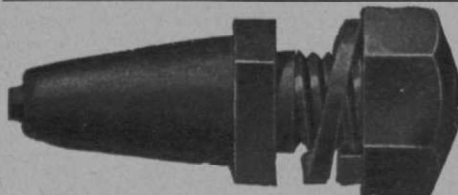
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His fertilizing on greens during the first year consisted of three shots averaging 2 lbs. per 1,000 sq. ft., alternating Ammo-Phos and sulphate. He composted with a mixture of 30% peat and Milorganite, 30% sand and 40% topsoil. He mixed 200 lbs. of Milorganite to the ton of peat, and turned the hose on the mixture.

Condition of the course was amazingly good for a new layout. Alterations are planned in at least one of the greens, but otherwise the course is nearly a finished proposition and in such shape that it is warranted in starting to plan for a national championship, which is one of the ambitions of the club.

Frisco Area Courses Are About Back to Normal Greens Budgets

By JACK PEROTTI,
Greenkeeper, Burlingame (Calif.) CC.

GENERALLY speaking the effects of the depression on greenkeeping in this section long since have disappeared, although continued curtailment in budgets leads one to believe that the budgets are at least 10% lower than they should be, considering the work an observant greenkeeper notes might be done to make his course a model.

Adoption of very modern equipment has offset to some extent the rapidly increasing labor costs, but even with the best and newest of equipment the greenkeeper's pressing problem of the next few years is to keep his labor well managed and efficiently employed.

Golfers generally never will realize the extent to which the greenkeepers' associations have made common knowledge of means and methods, enabling members of their associations to maintain high standards at courses despite the handicaps of the depression. The service of these organizations has helped greenkeepers to actually improve course conditions on the restricted depression budgets and has developed greenkeepers not only in their work but in their attitude toward their professional problems and