

Pegboard, widely used for the storage of small tools, does away with the bleak, cement block look of a large part of the CC of North Carolina shop.

*It represents the complete Maintenance Building*

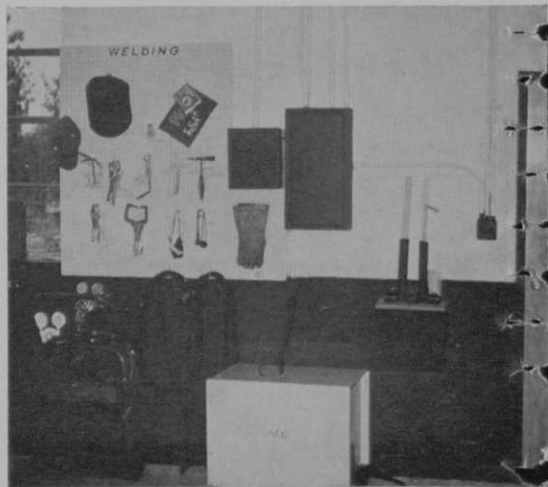
## Nothing Omitted in Planning of CC of N.C. Shop

By Stan Boraski

Supt., CC of North Carolina  
Pinehurst, N.C.

A golf course located in the sand hills of North Carolina, as is the Country Club of North Carolina, is difficult to maintain because of the extreme wear on maintenance equipment. Naturally, the sand causes this wear. Fairway mowers have to be sharpened at least three times more often than units used in non-sandy areas. Greenmowers have to be lapped in many more times than in other regions. Both aerifying spoons and verticutting blades wear out quickly. Most maintenance equipment has to "pull" or work doubly hard in our section and replacement of parts is double what it is in other parts of the country.

To solve this maintenance problem as well as to save money, a complete maintenance building and area were developed



at our club. In developing the special maintenance facilities, club officials, Richard A. Urquhart and Robert C. Fisher, worked very hard to help the supt. promote the building.

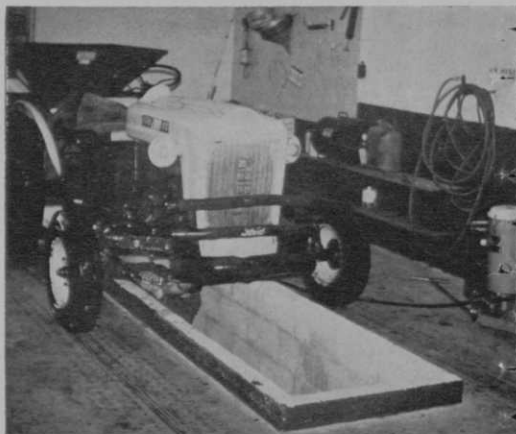
In developing a maintenance building to serve the special conditions of the course, the Country Club of North Carolina also sought to have as modern, well-lighted and fully equipped maintenance center as possible. The building that was constructed measures 70 by 100 feet in overall dimensions. There is an attached loam storage section 20 by 40 feet.

### Shop Area Heated by Oil

Within the building itself, the overall shop area is approximately 60 by 40 feet. This area is heated by a suspended hot-air oil furnace. The shop contains a car



So much sand is picked up by equipment at CC of North Carolina that it is necessary to wash and steam clean it more often than at most clubs. Stan Boraski wouldn't be without a grease pit, which is handy for servicing and repairing practically all the heavy machinery used on the course.



wash rack where much of our equipment is washed and, if necessary, can be wiped dry. A grease pit is also located here. It measures 16-feet long by 3-feet wide and 6-feet deep, with descending steps. This makes it possible to service practically every piece of equipment owned by the club. A grease pit and car wash makes it easy to keep up with regular oil changes, chassis lubrication and cleaning in all types of weather.

#### All the Conveniences

Believing it important to provide conveniences for employees, the building was designed with an adequate men's room and shower room. The club provides towels, soap, etc. The supt. also has a private washroom in addition to his office, which makes it convenient for salesmen and guests.



The toolroom, with adequate shelving, is partitioned off within the shop area. In addition to many special tools we have a complete assortment of bolts, nuts, washers, sheet metal screws, etc. With this large supply on hand many trips to the hardware store are saved. And, while the initial cost of such a hardware stock is large, in the long run substantial savings are made.

#### Parts Storage System

A parts room is also partitioned off from the general shop area. Adequate shelving here provides for a large inventory. Most parts are stored in boxes. Each box is numbered and the system used for identifying parts is either by type or make of machine. The parts are stored in groups. For example, all tractor parts are stored on one shelf and greenmower parts on another shelf. Close control is exercised here and when any parts are in low supply, more are ordered.

Following the principle of utilizing dead space, we located the air compressor be-

*(Continued on page 110)*

Club officials showed foresight in providing a comfortable office for the supt. and excellent conveniences for the maintenance staff.

Everyone can have **GOOD GREENS**, with  
a pure selected strain of stolons  
from Godwin's

ONLY STOLONS PROVIDE UNIFORM,  
TRUE PUTTING GREENS!

10 Years! 20 Years! 30 Years! 40 Years later!

Our stolons are shredded in the field, packed  
two bushel per bag as shown and rushed to  
you. We ship ANYWHERE in the United  
States. 24-hour Air Freight is available.

- Washington (C-50) • Congressional (C-19)
- Toronto (C-15) • Cohansey (C-7)
- Arlington (C-1) • Evansville

TRUE TO NAME, Weed and Seed Free (Some  
experimental varieties available).

Send for our Bulletin: "Stolons vs. Seed".

**HIRAM F. GODWIN & SON INC.**

22366 Grand River Ave., Detroit, Mich. 48219

A Reliable Source of Supply Since 1920

Phone Area Code 313-531-0361



regrettable antagonism among the several departments in the club. Those who suffer are the members. When one employee fears that another is out to "get his job" it usually means that the two have not seen fit to sit down and talk it over.

#### Newsletters

At our College Park, Md. office we receive most of the GCSA Newsletters that are published. The associations and the editors are to be highly commended for their efforts to reproduce timely information and disseminate it to members and readers. Some letters have a surprisingly large and wide circulation. We believe that Newsletter efforts are worthwhile in several ways: 1) editorial training, 2) publishing experience, 3) learning to write clearly and briefly, 4) keeping others informed, 5) building a better public image.

#### Excise Tax

According to the USGA, the 20 per cent federal excise tax is assessed on only three things — attendance at horse and dog races and club dues and initiation fees.

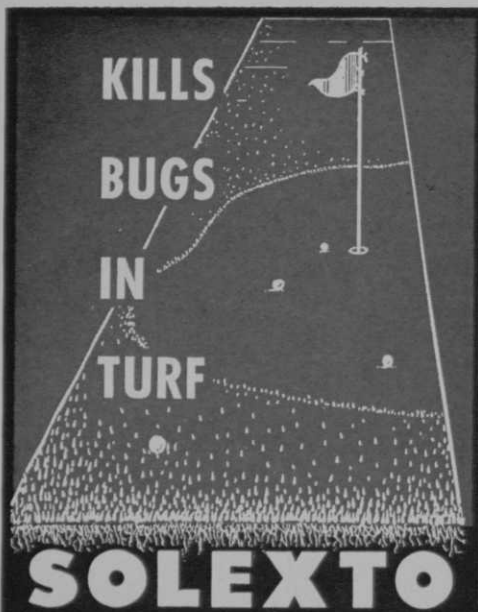
## Foresight in Planning

(Continued from page 56)

hind the parts room door. An upright compressor was chosen because of the space requirements. However, it is of sufficient size so that many tools can be run from it at the same time. Air jacks from the compressor are located in many parts of the building. This eliminates moving the compressor or having to use bulky air hoses.

General tool storage is provided for in the open shop area where all practical wall space is mounted with pegboard. Tools are stored in sections. One section has all the equipment that is used in welding. The CC of North Carolina does all its own welding, both gas and electric, from light aluminum to cast iron. This has resulted in savings of hundreds of dollars every year.

Another section of pegboard contains plumbing tools from pipe wrenches through threading equipment and pipe cutting tools. A third section in the gen-



### WHOLE SEASON CONTROL WITH ONE SPRAYING

One part of Soloxto in 400 parts of water sprayed on two to four acres gives season-long control of beetle grubs, ants, crickets, chinchbugs, cut worms, rose chafers, chiggers, fleas, ticks, mosquitoes and many other pests.

### GRUB-PROOFS FOR TEN YEARS

One application of Soloxto, two gallons to the acre (1-to-200 solution), grub-proofs the turf for at least ten years. Thus moles are also kept out by eliminating their food source.

### ECONOMICAL COVERAGE

Because such high dilutions are possible, extensive coverage is very economical. Labor can also be saved by using EWT Weed Killer\* in the same solution for general spraying of the grounds.

\* Widely used selective weed killer manufactured by Dolge.

Write to the C. B. Dolge Company, Westport, Connecticut for information about other insecticides; also inquire about weed killers, golf ball cleaners, mole and gopher killers.

*dependable*  
**DOLGE**  
WESTPORT, CONNECTICUT

eral shop has pegboard storage of all the clean-up materials including pails, brushes and sponges. Another out-in-the-open pegboard storage section contains all of the lubrication equipment. Here are grease guns, oil cans, funnels, etc.

Other sections of pegboard storage are for woodworking equipment, tools for electrical work, grinding equipment and general shop equipment tools. In the general shop equipment section such items as one-quarter inch drills, timing lights, gear pullers, and ring compressors are mounted on pegboard.

### A Tool For Every Job

The whole theory behind this storage is to try to have a tool for every job and a specific place for every tool. All tools and equipment that are mounted on the pegboard sections are outlined with a black marker. Any time a tool has been removed it is immediately apparent. In like manner it is easy to return a tool to its proper place. Such a system makes it easy to keep up with the tool inventory and gives the added convenience of being able to easily locate all tools.

The maintenance shop area has a heavy-duty chain pulley that rides on a steel I beam. It makes removing a motor quite simple. And, when sharpening fairway units, the chain pulley does the lifting. The chain pulley and its track are located so that they are in line with the grinder and the work table. Here again we go on the theory of providing the employees adequate tools to do a good job.

The building has another area called the large equipment section. Here five tractors, a dump truck and a pickup truck are stored. The fertilizing equipment, along with equipment used in aerifying and greenmowing are stored here also. The club tries to keep all of its equipment inside. Each vehicle or piece of equipment has a place where it must be parked at all times when not in use.

### Chemical Storage

Close to this section is a partitioned area for the storage of at least 40 tons of fertilizer. This area is easily accessible to load fertilizer on the proper equipment. In addition there is a special section where winter rye grass is stored prior to the fall

**MILORGANITE'S**



## Graded Granules

**... Feed Your Turf  
G-R-A-D-U-A-L-L-Y  
and Continuously,  
release Plant Foods  
as Needed!**

Graded granulation of its Natural Pellets is important to the users of MILORGANITE and the plants they are growing. Accomplished only by means of costly, rotary kiln drying and careful screening, granulation is primarily responsible for the slow, even growth of MILORGANIZED turf. MILORGANITE flows freely in all spreaders — proportioners and spinners included.

### **The Grass Said, "This Is It!"**

Extreme coarseness in pellet size results in *too slow* a release of plant foods and extremely fine or dust-like particles release them too rapidly. MILORGANITE agronomists "asked the grass" for years to learn this — finally came up with the right answer — a fine balance of many granule sizes.

They "asked the grass," rather than the engineers, merchandisers and economists, and the grass said, "MILORGANITE'S granulation is best."

No wonder that "Golf Courses Use More MILORGANITE Than Any Other Fertilizer." It's been the Standard of Excellence since 1925.

THE SEWERAGE COMMISSION  
P.O. Box 2079  
Milwaukee, Wis. 53201

**MILORGANITE**  
The NATURAL ORGANIC FERTILIZER

planting. A room for the storage of special outside hand tools is close to the large equipment area. Here again the tools are easily located and inventoried.

Insecticides, herbicides and fungicides are kept in a special section near the heavy equipment area. An accurate scale has been mounted on the wall of this section to assure that only the proper amounts of the various chemical compounds will be used. The cardinal rule is never guess or estimate. A good scale is a cheap investment.

Located at the outside rear of the building is a combination wash and steam rack. As each piece of equipment comes in from the course, it is washed thoroughly and, if necessary, steam cleaned. Policy is to steam clean every tractor at least once each month. The wash and steam rack has a special catch basin. All debris and grass flow into this basin. The basin is cleaned regularly. This makes for a neat appearance and avoids unpleasant odors.

Some care has been spent in developing the maintenance center outside of the building proper. The loam storage center attached to the building is for sterilized top soil. The sterilizing is done in the field and the soil is then brought to the 20 by 40 foot addition.

### **Outside Area Developed**

A paved driveway has been constructed entirely around the maintenance building. The drive is designed to have no hard straight lines and is amply wide for easy maneuvering of all vehicles. A paved parking lot is also located nearby for employees vehicles.

Two small areas in front of the building are turf plots. They are planted with fairway and tee grasses and are used to try out various chemicals. There is also a putting green at the front of the building. It is quite popular with salesmen, visitors and our employees. This green gives a decorative look to the area and is also a site for experimentation.

To the rear of the building there is a nursery of approximately one acre. It is planted with the fairway grass and is used for sodding and making stolons. The nursery area is irrigated for easy maintenance. And, like the maintenance building it was designed for easy management.