**Cleveland Club Installs Armco Pipe**

The new course of the Country Club of Cleveland on South Woodland Road lies in some of the most beautiful country in northern Ohio. The terrain of the course is gently rolling and is crossed by numerous streams which add both to the beauty and difficulty of the course. Many of the fairways pass through groves of magnificent beach, maple and oak which make their contribution to the harmonious natural attractiveness of the course.

The course was constructed in 1928 and since then work of improving both the grounds and the buildings has gone steadily forward. This improvement will culminate in the spring with the completion of a $600,000 clubhouse. The course itself will be formally opened about July 1.

When the course was constructed in 1928, it was planned to carry the smaller streams under the fairways in tile of a capacity sufficient only to carry the ordinary dry weather flow. No attempt was made to provide ample capacity for storm water, which was let to flow over the fairways. At the time it was thought that this plan would lead to lessened maintenance costs and better playing conditions. However, during the spring of 1929, this storm water overflowing across the fairways had worked out the turf in places and had also deposited large quantities of clay silt which would be very objectionable to the players even though the sod were uninjured.

**Storms Cause Washouts**

After several bad washouts had thus occurred it was decided that installing pipe large enough to carry the maximum storm water flow would lead to lessened maintenance costs and better playing conditions. As a good growth of sod had been obtained on both greens and fair-