

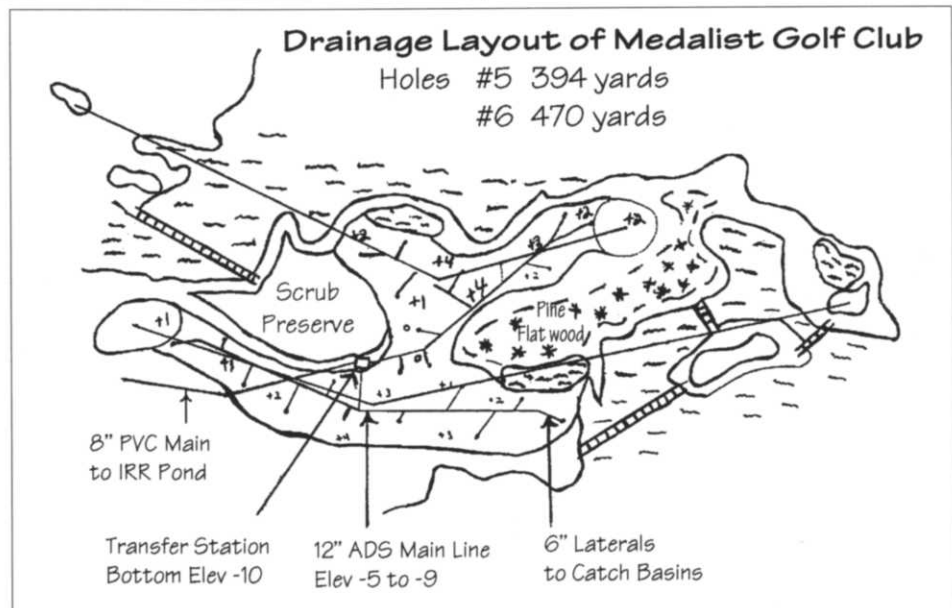
# Water Recapture and Re-use



#18 Medalist Golf Club. One of 11 lift stations.

Below, a diagram of drainage plan for holes 5 and 6 at the Medalist Club.

**It has been estimated that we've been recycling somewhere in the neighborhood of 200,000 to 300,000 gallons per watering cycle during grow-in.**



BY JASON MCCOY  
AND DANNY FORE

*Jason McCoy is Project Manager and Danny Fore is Golf Course Superintendent at the Medalist Golf Club in Hobe Sound*

The drainage system at the Medalist Golf Club in Hobe Sound, Florida, is one of the most elaborate efforts yet by Architect, Pete Dye. The system has evolved since its inception at Old Marsh Golf Club in Palm Beach County.

The system at the Medalist Club is a complete recycling of excess water in all grassed areas. The system contains 11

transfer stations strategically placed through the golf course. Each system consists of a 10-foot deep concrete vault with a 10 HP ABS submersible pump on a slide rail which is capable of 1500 GPM.

There are electronic float switches which operate the system on and off. Each system has a double check valve which in turn lets us connect each together with an 8" PVC main discharge line which flows to the 30 mil VLDPE lined irrigation holding pond.

It has been estimated that we've been recycling somewhere in the neighbor-

hood of 200,000 to 300,000 gallons per watering cycle during grow-in.

Each system is fed by a 12" N-12 ADS pipe-line with laterals to each basin in the turf. The irrigation system is also a vital entity to our drainage system. We have installed a Maxi V system with the new Eagle heads.

We have installed all part circle heads on fairways to keep any drift from getting into wetlands or upland buffers. With this type of irrigation heads, we feel we'll be able to retrieve as much as possible through our system.