

## MATERIALS AND INSTALLATION DETAILS

### **INSTALLATION AND OPERATION DETAILS**

*Starting at the pool entry point trench to just past the highest elevation in the route. Place pipe and backfill with the dryest material first. Install a tee with riser and continue to the shutoff valve/tank location. The riser must have a removable cap that seals air tight. Start the siphon by filling the downstream side of the pipeline with water with the riser, seal the cap, and then open the shutoff valve at the tank. The tank must have a float valve type that will not allow the siphon to be broken during operation. The pipe distance full of water from the riser to the valve must be longer than the empty distance from the riser to the inlet to start the siphon.*

### **INLET DETAILS**

*Cap or close off end of pipe and drill series of 1/4" holes in at least 4' of pipe. Secure to a post driven in the pool area if possible or to a substantial weight and suspend 5' below the water surface with a durable floatation device.*