

MATERIALS AND INSTALLATION DETAILS

INSTALLATION AND OPERATION DETAILS

Draw down the pool 5' below normal water level. Starting at the pool entry point trench to just past the highest elevation in the route. Place pipe and backfill with the driest 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. To start a siphon fill the downstream side of the pipe with water at the riser, seal cap air tight, and open shutoff valve. The tank must have a float valve type that does not allow the siphon to break during operation. Also the pipe distance from the riser to the valve full of water must be longer than the empty distance from the riser to the inlet to start a siphon.

For other installation options see Standard Drawing 29-L-51A.

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.