

# Water Reservoirs



## Precast/Prestressed Concrete Advantages

### Rapid CONSTRUCTION

With precast concrete, you can shorten construction schedules. Off-site fabrication, simultaneous with site work, manufactured under extremely high quality control, results in reduced on-site construction and labor. Precast concrete saves time and money.

### DESIGN VERSATILITY

Virtually any storage structure can be constructed with precast concrete. Whether you need to store potable water or hazardous waste, in sizes from 30,000 to 30 million gallons, precast concrete provides the solution.

### DURABILITY

The lasting benefits of precast concrete are built right in. High-strength, high-density precast concrete is superior for corrosion resistance, impact resistance, fire resistance, and long-lasting low maintenance.

### SEISMIC RESISTANCE

Precast concrete tanks are popular in high seismic areas. Seismic design features can be easily and economically accommodated.

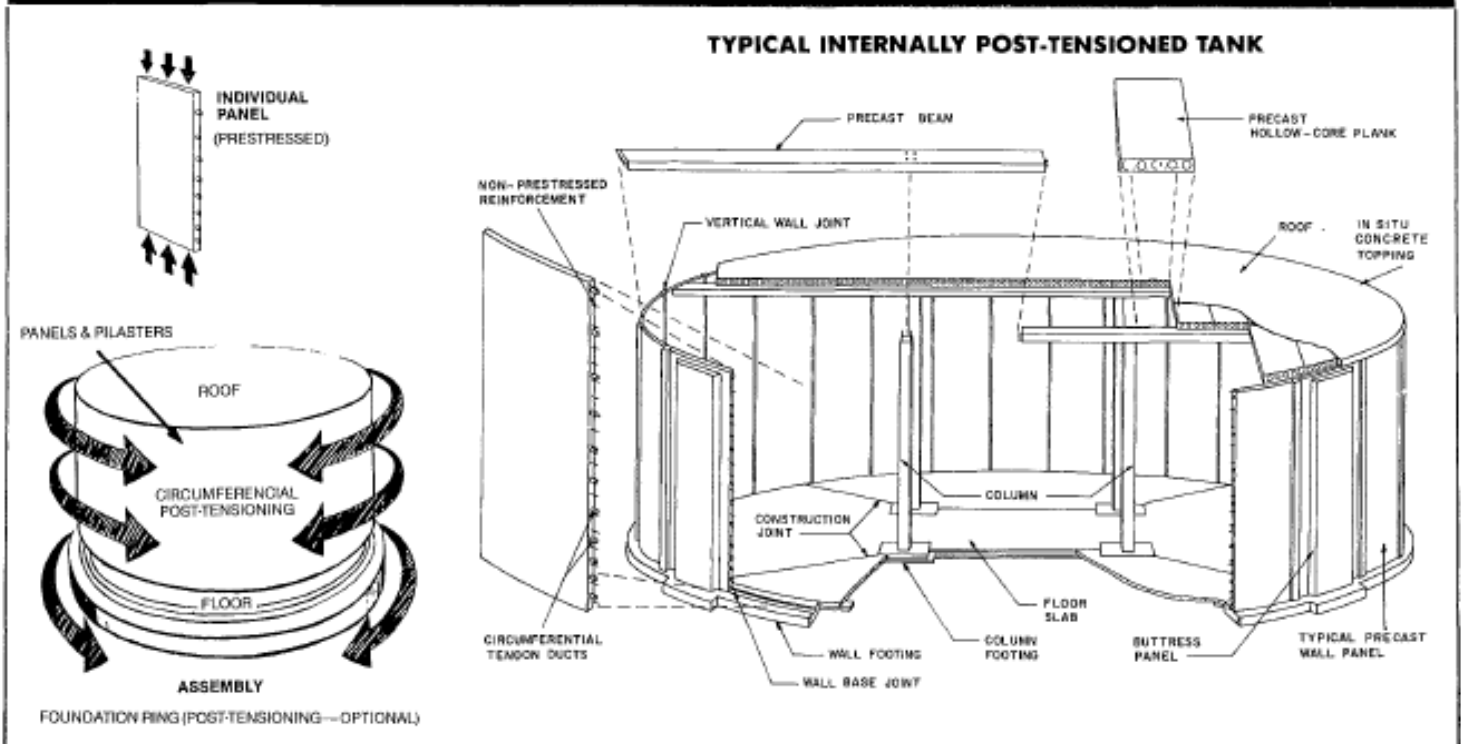
### LOW MAINTENANCE

Less is best-with precast concrete. Elimination of costly maintenance shutdowns for painting, repairs or replacements means less expense, more productivity over the life of your tank.

### ECONOMY

The savings add up to keep the bottom line down. When you specify precast concrete, you're specifying economy. It's inherent in less on-site labor, faster construction schedules, low ongoing maintenance costs and longer life.

# CONCRETE SOLUTIONS FOR TANK CONSTRUCTION



## EARLY FABRICATION

*Precast panel fabrication is not dependent on events at the construction site. It takes place at the precaster's PCI Certified plant manufacture, per AWWA D115 specification and PCI QC requirements. Thus, it is usually possible to begin fabricating structural elements while site preparation is going on.*

*The precast/prestressed concrete advantage results in all structural elements being ready for erection the moment the structures' foundations are complete, significantly shortening construction time.*





#### ENVIRONMENT/ADAPTABILITY

*Precast/Prestressed Concrete Tank systems offer a high degree of adaptability to a wide range of site and environmental conditions. No matter how difficult the site access, Precast/Prestressed concrete provides superior solutions for today's storage needs.*

#### RAPID INSTALLATION GREATLY REDUCES LABOR AND WEATHER RELATED DELAYS.

*Panels are delivered to the job site, ready for rapid installation straight from the truck. Field labor and on-site form work are dramatically reduced, producing significant cost and time savings.*

*The remoteness of site or access problems are easily overcome with precast/prestressed concrete elements. Controllable production schedules assures that your panels will be delivered on-site and on time.*



