

# Landmark Structures

## Spheroid Elevated Tanks for Water Storage



### Higher standards for lower capacity requirements.

Choosing the right configuration for your requirements is the key to achieving the most efficient water storage solution. Landmark offers Spheroid Elevated Tanks (SET) in the 200,000 to 500,000 gallon capacity range, with documented capital and maintenance cost savings over multi-leg tanks. And as with its Composite Elevated Tanks for high capacity requirements of .5 to 3.5 million gallons, the Landmark SET reflects established high standards of process and project management and quality.

- Pre-primed plate is cut, rolled, press formed and welded in the same Landmark Fabrication facility that builds assemblies for large, complex projects
- All major components are shop-fabricated modules, produced under controlled conditions with the latest equipment and techniques to minimize and simplify work required on the jobsite
- The steel tank is almost completely built at ground level for greater safety and control of tolerances
- The Landmark SET features a straight pedestal design that concentrates thicker plate precisely where it is needed for a more effective use of materials, and facilitates a faster, safer tank erection process.

In addition to an optimized design with inherent production and construction efficiencies, the Landmark SET offers:

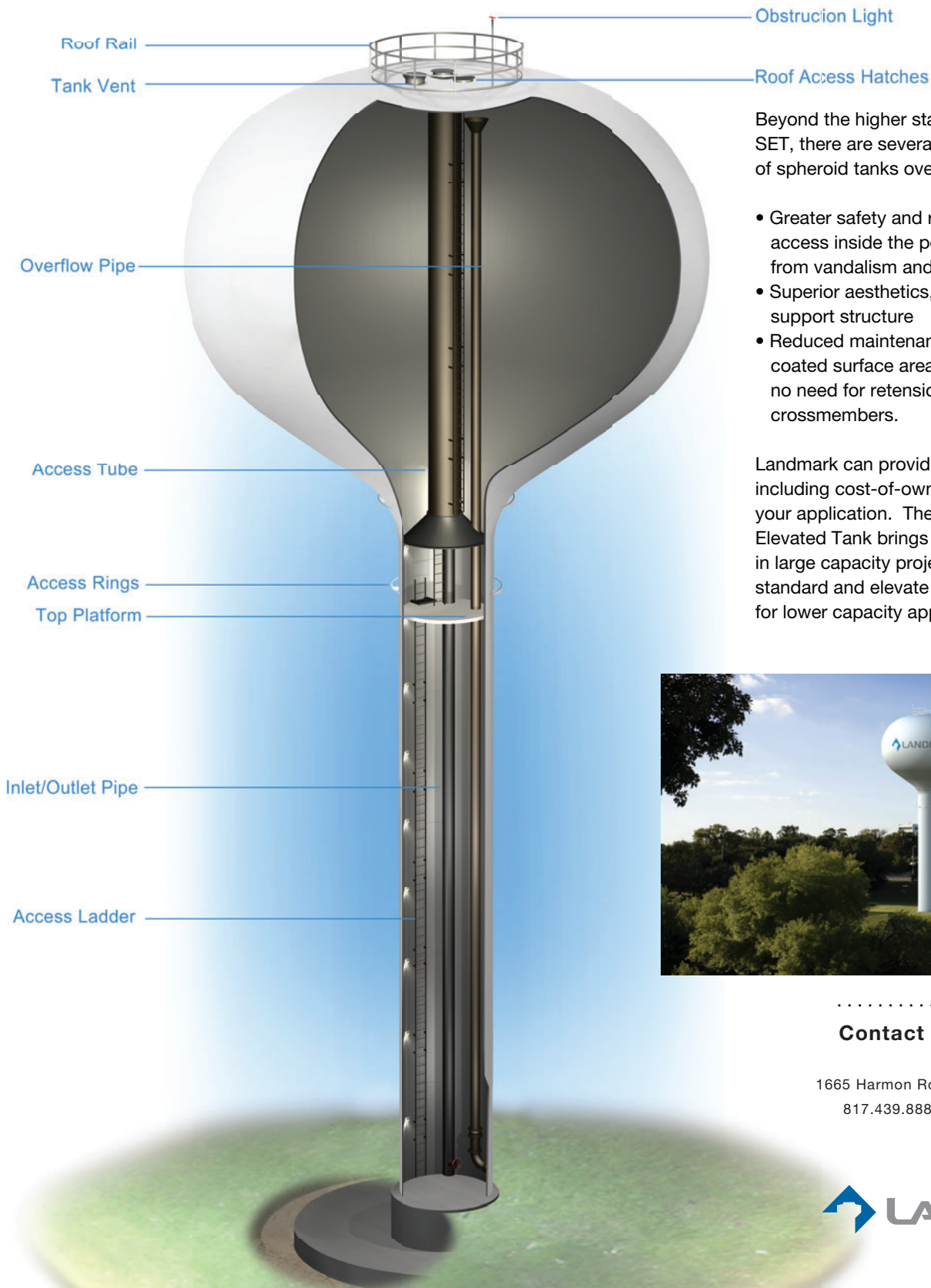
- The benefits of extensive foundation design expertise for all geotechnical conditions
- An efficient base plate design adapted from wind tower applications
- Unique pedestal and base interface with enhanced aesthetics compared to traditional spheroids with a wide base
- SSPC QP-1 coatings quality certification, with the option of incorporating custom logos. Only a select few companies in the world have earned this distinction from the Society for Protective Coatings, which recognizes technical and management expertise.



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Key components of a Landmark spheroid elevated tank.



Beyond the higher standards of the Landmark SET, there are several fundamental advantages of spheroid tanks over multi-leg tanks:

- Greater safety and reduced liability, with tank access inside the pedestal, and protection from vandalism and unauthorized climbers
- Superior aesthetics, with a single support structure
- Reduced maintenance costs, with less coated surface area, easier access and no need for retensioning of structural crossmembers.

Landmark can provide complete details, including cost-of-ownership comparisons for your application. The Landmark Spheroid Elevated Tank brings the refinements proven in large capacity projects to set a higher standard and elevate project expectations for lower capacity applications.



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**Contact us for more details**

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