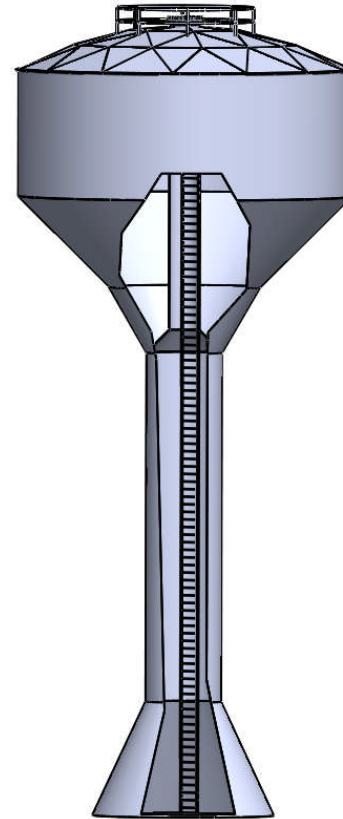


Hydro-Cone Design
Field Weld Elevated Water Tank



Diamond Design
Field Welded Water Tank
with Aluminum Dome

Construction: Field Weld Hybrid
Type: Elevated Water Tank
Style: Diamond
Top: Aluminum Dome

- * Superior field performance
- * Superior aesthetics
- * All components shop fabricated in a controlled environment
- * The #1 preferred EWT style (shape) in North America

TANK DESIGN CRITERIA

- 1) TANK DESIGN PER AWWA D100 & AISC
- 2) SEISMIC DESIGN PER AWWA
- 3) WIND DESIGN PER AWWA
- 4) DECK IS DESIGNED 50 PSF LIVE LOAD
- 5) TANK IS DESIGNED FOR STORAGE OF POTABLE WATER WITH A SPECIFIC GRAVITY OF 1.0
- 6) DESIGN PRESSURE: ATMOSPHERIC
- 7) TANK CAPACITY: _____ GALLONS (BASED ON 12" FREEBOARD)
- 8) WATER TANK CONSTRUCTION AVAILABLE: SHOP WELDED, FIELD WELDED AND HYBRID CONSTRUCTION
- 9) GASKET & SEALANT MATERIAL: NSF APPROVED
- 10) OPERATING TEMPERATURE: AMBIENT
- 11) SPEC. EWT SERIES 2009

GENERAL NOTES

1. SEE CONTRACT SPECIFICATIONS FOR DESIGN CRITERIA AND DETAILS.
2. SEE CONTRACT SPECIFICATIONS FOR STEEL TANK COATING REQUIREMENTS
3. TANK APPURTENANCES ARE ROTATED FOR CLARITY

FOUNDATION NOTES

1. REFER TO THE GEO TECHNICAL REPORT FOR RECOMMENDATIONS REGARDING ALLOWABLE BEARING CAPACITY
2. DESIGN CONCRETE FOUNDATION IN ACCORDANCE WITH ACI 318-95

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NO.	REV. BY	DATE	REVISION		
CUSTOMER		CUSTOMER			
PROJECT NAME AND LOCATION		ELEVATED WATER TANK DESIGNS			
DWG TITLE					
DWN BY		JOB NO	JOB NUM	DWG NO	
CHK BY					

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