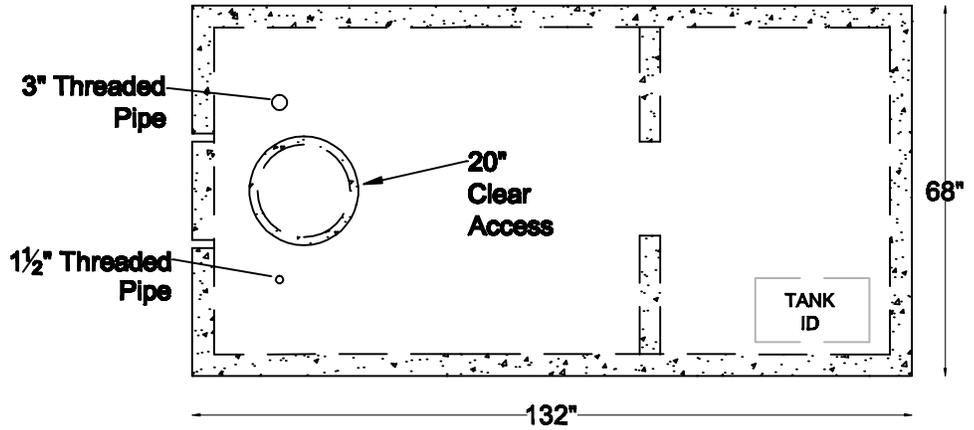


# 1800 Gallon Top Seam Potable Water Cistern

**Item #**  
**1800T-CIS**

**Top View**



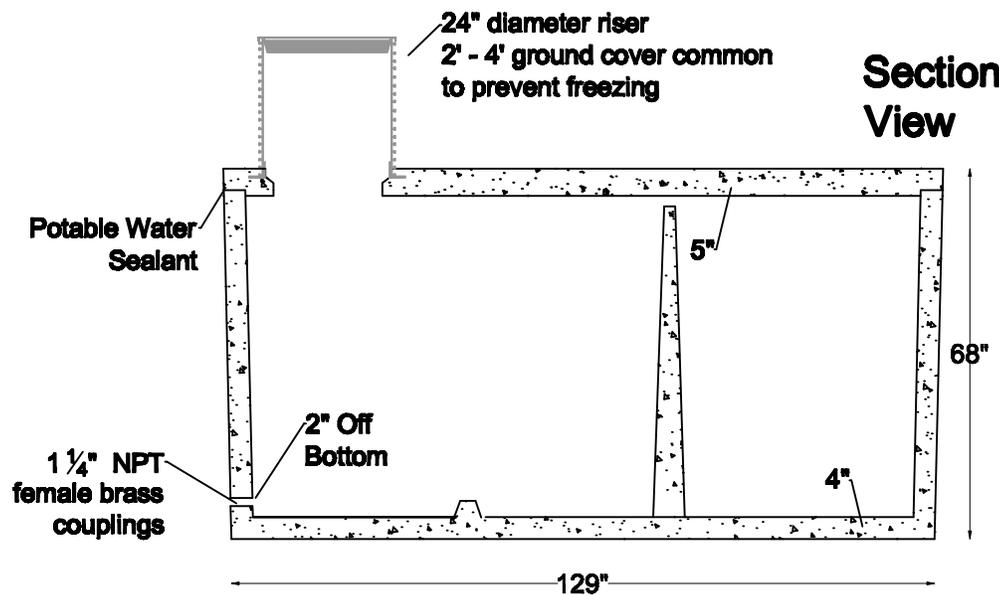
**DESIGN NOTES**

- Meets or exceeds ASTM C-913 spec for water structure
- Top surface area 62.33 ft<sup>2</sup>
- f'c @ 28 days; concrete = 6,000 PSI Min.

**Installation:**

- Tank to be set on 5" min. sand bed or pea gravel
- Tank to be backfilled uniformly on all sides in lifts less than 24" and mechanically compacted
- Excavated material may be used for backfill, provided large stones are removed
- Excavation should be dewatered and tank filled with water prior to being put in service for installation with water table less than 2' below grade
- Durable stainless steel NPT threaded 3" fill line and 1 1/2" universal on top
- Two 1 1/4" brass NPT universal low entries
- Lightweight sealed lid
- Secondary safety screen available with PVC riser
- 4' Maximum bury depth

**Section View**



ALLOWABLE BURY (Based on Water Table)	
WATER TABLE	ALLOWABLE EARTH FILL
0' - 0"	3' - 0"
1' - 0"	3' - 0"
2' - 0"	4' - 0"
3' - 0"	4' - 0"
DRY	4' - 0"

Digging Specs	Dimensions			Net Capacity	Net Weight		
	Length	Width	Height		Lid	Tank	Total
13' Long x 8' Wide 2' to 4' Cover Standard	132"	68"	68"	1803 gal	3600 lbs	10760 lbs	14360 lbs

**VALLEY PRECAST, Inc.**  
**Buena Vista, Colorado**

**Phone: 719-395-6764**  
**Fax: 719-395-3727**  
**Website: www.valleyprecast.com**  
**Email: frontdesk@valleyprecast.com**