

Item #
500T-2CP

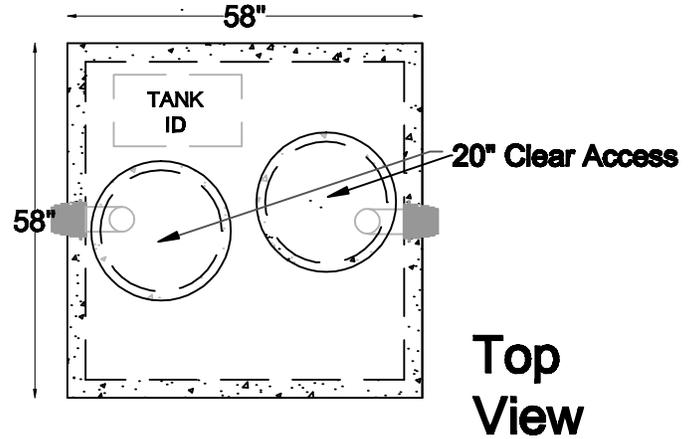
500 Gallon Top Seam - 2CP

DESIGN NOTES

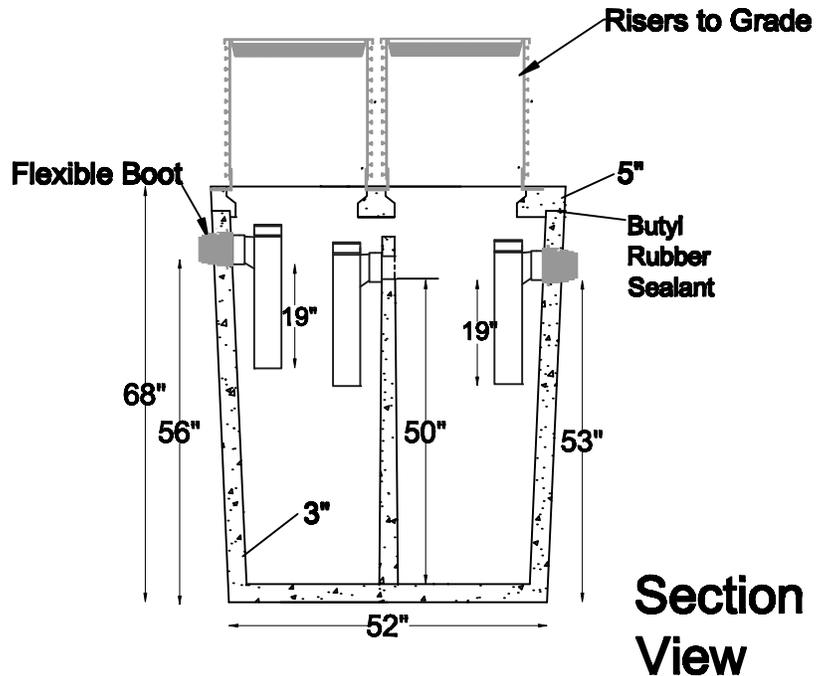
- Design per performance test per ASTM C1227
- Top surface area 23.4 ft²
- f'c @ 28 days; concrete = 6,000 PSI Min.

Installation:

- This tank may only be used in series with another tank larger than 500 gallons.
- 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
- Meets C1644-06 for resilient connectors
- Inlet and Outlet identified above pipe
- Delivered complete with internal piping
- 4' Maximum bury depth



Top View



Section View

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

Digging Specs	Invert		Dimensions			Net Capacity			Net Weight		
	Inlet	Outlet	Length	Width	Height	Inlet Side	Outlet	Total	Lid	Tank	Total
7' Long X 7' Wide 56" below inlet	56"	53"	58"	58"	68"	251 gal	251 gal	502 gal	1340 lbs	4650 lbs	5990 lbs