

# 500 Gallon Top Seam - 1CP with High Head Pump

**Item #**  
**500T-1CP-HH**

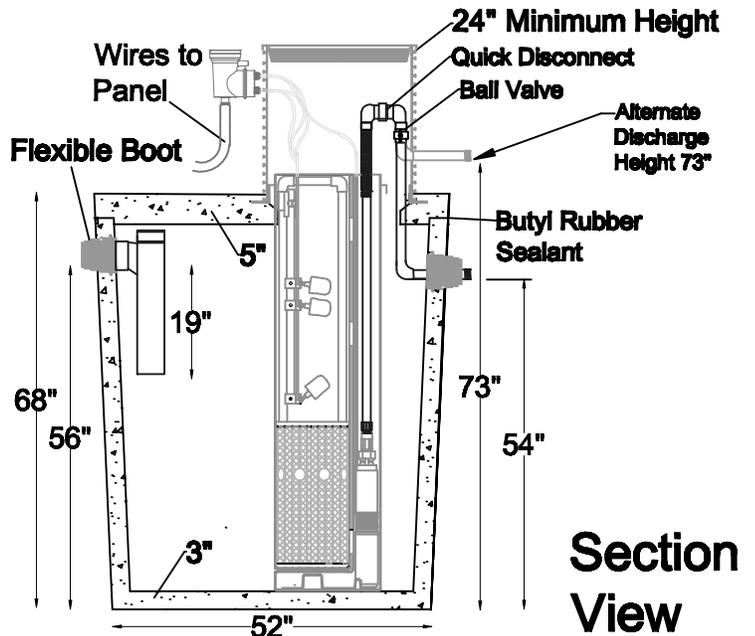
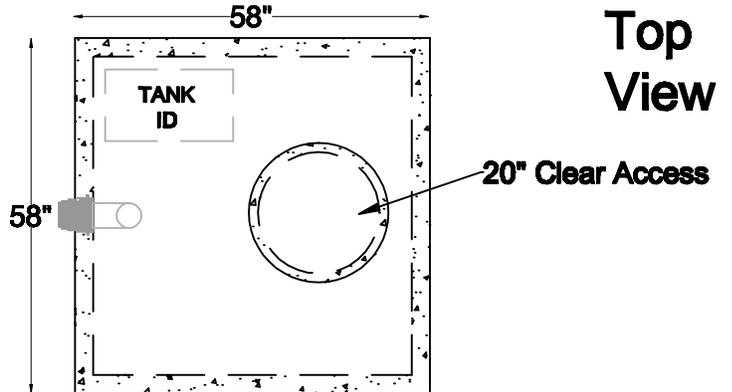
**DESIGN NOTES**

- Design per performance test per ASTM C1227
- Top surface area 23.4 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
- Meets C1644-06 for resilient connectors
- Inlet and Outlet identified above pipe
- Delivered complete with internal piping
- Control Panel to be mounted in sight line of tank
- 4' Maximum bury depth

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"



**Pump:**

- Lowers TSS and improves effluent quality to field
- Complete installation (wiring, panel, mounting and start-up procedures)
- Complete warranty

**\*Service contracts available for maintenance.\***

Digging Specs	Invert		Dimensions			Net Capacity	Net Weight		
	Inlet	Outlet	Length	Width	Min. Hgt.		Lid	Tank	Total
7' Long x 7' Wide 56" below inlet	56"	54" or 73"	58"	58"	92"	522 gals	1,340 lbs	4,100 lbs	5,640 lbs



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