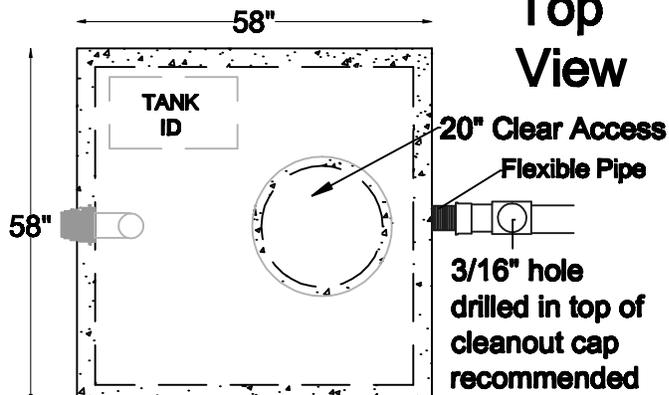


500 Gallon Top Seam - 1CP with 300 Series Siphon

Item #
500T-1CP-D3

Top View

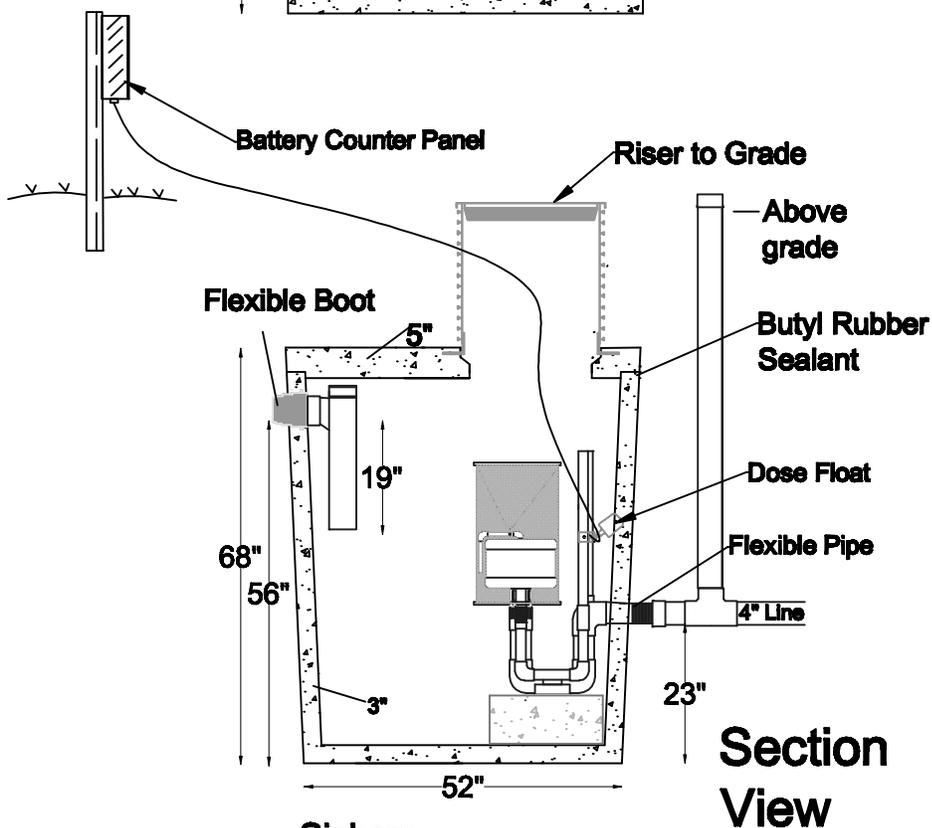


DESIGN NOTES

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

Installation:

- 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
- Battery Counter Panel with Float
- Mount Panel on post next to tank and backfill
- 4' Maximum bury depth



Siphon:

- Removable screens optional

| 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 | | |
|--------------------------------------|--------------|---------------|---------------|--------------|---------------|--------------|------------|-----------|-----------|
| | | | | | | | Lid | Tank | Total |
| 7' Long x 7' Wide 56" below inlet | Inlet 56" | Outlet 23" | Length 58" | Width 58" | Height 68" | 522 gallons | 1,340 lbs | 4,100 lbs | 5,490 lbs |

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