

3 CHAMBER SIPHON TANK

1000 Gallon 2 Comp w/ 165 Gal Siphon

3-INLETS
1-OUTLET

NOTES:

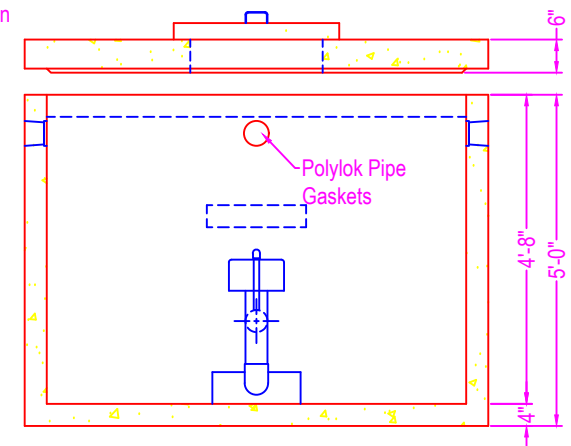
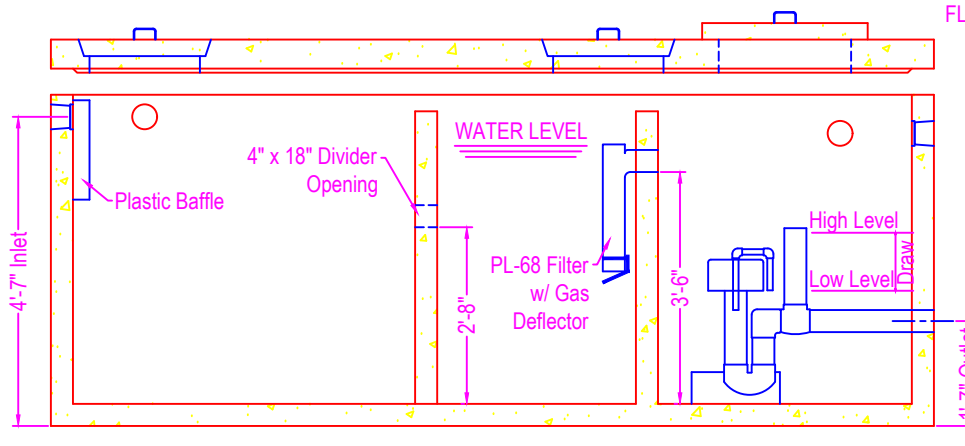
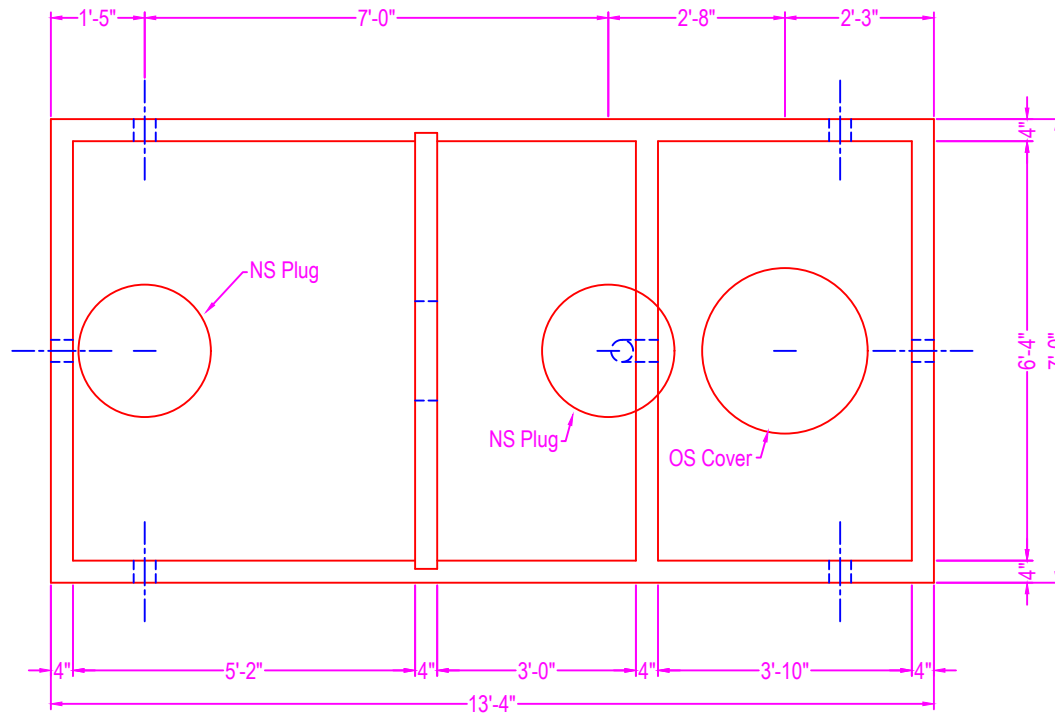
- CONCRETE: 5000 psi @ 28 days
- REF: NYCON XL-100 fiber mesh
rebar grade 60 ASTM A615
- ENTRAINED AIR: +/- 5% to 8%
- DESIGN LOAD: 300 psf / non-traffic
- LIVE LOAD: N/A
- EARTH FILL: 24" max fill depth
- BUOYANCY FACTOR: N/A
- PIPE CONNECTS: polylok (cast in)
- BAFFLE: plastic baffle w/ gas deflector
on outlet opening
plastic baffle on inlet
- SLIDE IN DIVIDER WALL: As Shown on Detail
6'-7" wide x 4'-5" high w/
18" x 4" Opening 2'-8" Off Bottom

Chamber Capacity:
 Compartment 1 - 62" L x 72" W x 42" D = 800 Gallon
 Compartment 2 - 36" L x 72" W x 42" D = 378 Gallon
 Compartment 3 - 46" L x 72" W x 36" D = 515 Gallon

SIPHON: Fluid Dynamics Model 310.5 - TO
 DRAW: 10 1/4" to 10 1/2"
 GALLON/DISCHARGE: 165
 FLOW RATE: approx. 78.0 to 80.0 gal/min

Weight:

Base & Walls: 13,700#
 Cover: 7,000#



Zeiser

Wilbert
VAULT, INC.

CONCRETE PRODUCTS

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Title: 3 Chamber Siphon Tank

Scale: Not To Scale

Drawn By: JPS

Drawing No.: 04272007

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