



Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Matt Mead, Governor

Todd Parfitt, Director

March 7, 2014

Jim Manor
Skyline Concrete Products
2061 Brundage Lane
Sheridan, WY 82801

RE: APPROVAL of Skyline Concrete's 1500-Gallon, Two-Compartment, Concrete Septic Tank (CST-1500-2C) for use in Wyoming.

Dear Mr. Manor:

The Water Quality Division (WQD) of the Wyoming Department of Environmental Quality (DEQ) has received the drawings and specifications for above referenced septic tank. The WQD evaluated this septic tank and determined that it meets the minimum requirements as identified in Chapter 25, Section 8 of the Wyoming Water Quality Rules and Regulations. Subsequently, this product will be placed on our list of approved septic tanks for use in Wyoming. The table below summarizes the dimensions and specifications for the 1500-gallon, two-compartment, concrete septic tank.

Outside Dimensions (L x W x H)	126" x 68" x 68"
Maximum Cover Burial Depth	5 feet
Access Openings	Two 24-inch
Inlet / Outlet Height Difference	3 inches
Liquid Level (LL) Depth	48.5 inches
Tee/Baffle Extensions below LL	Inlet - 8.5"; Outlet - 14.5"
Clearances for scum and venting	11.5 inches total; 2 inches for venting

Sincerely;

James Brough, P.E.
Northwest District Engineer
Water Quality Division

Cc: DEQ Water & Wastewater Section (PDF)

Encl: Submitted Septic Tank Drawings

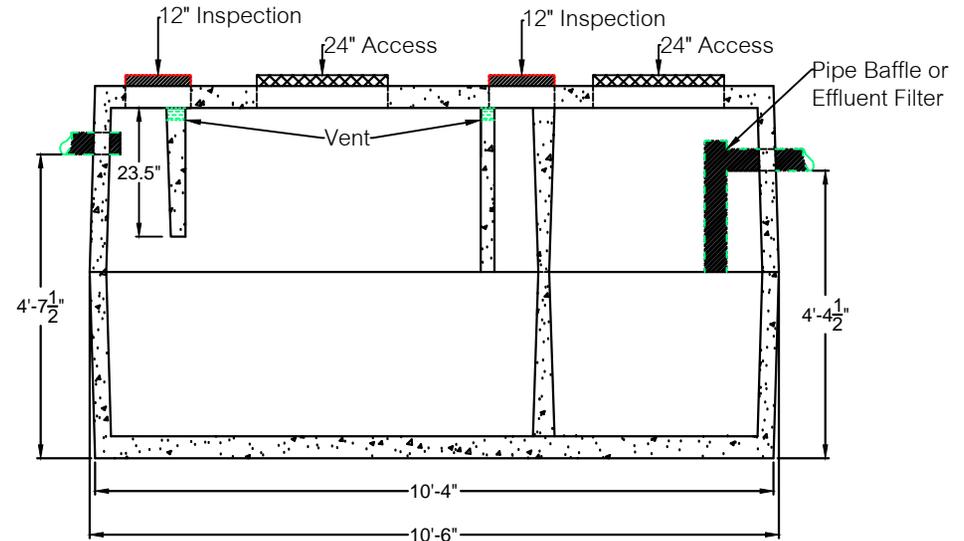
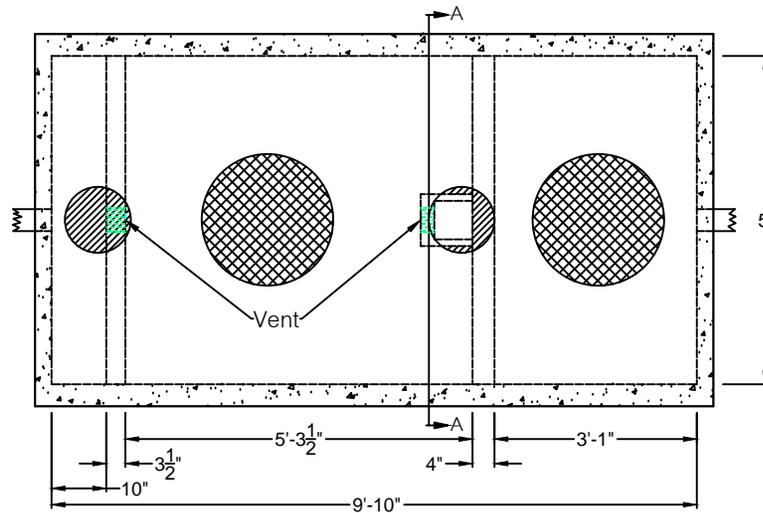


Skyline Concrete Products

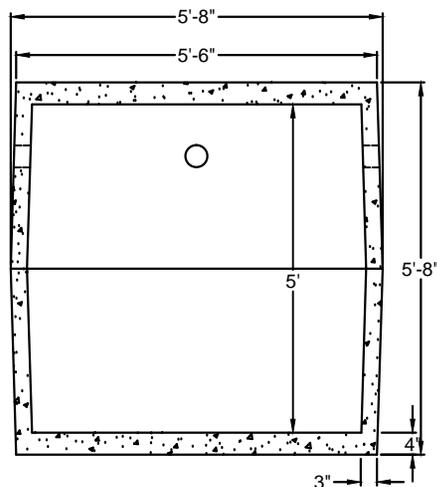
Phone: 307-751-4051

CST - 1500 - 2C

Top View



Side View



End View

Specifications

Septic Tank:

1. Portland Type II Modified (sulfate resistant) cement.
2. 4000 psi (minimum) with wire mesh (6"x6"x10g) and #4 grade rebar reinforcement.
3. 4" pipe seals for inlet and outlet pipe penetrations.
4. 2 EA. 24" access and 2 EA. 12" Inspection port.

Miscellaneous:

1. 24" diameter, Tuff-Tite access to bring to final grade.
2. 24" Tuff-Tite lid with gasket and stainless steel screws.
3. Conseal CS102 to seal tank joint.

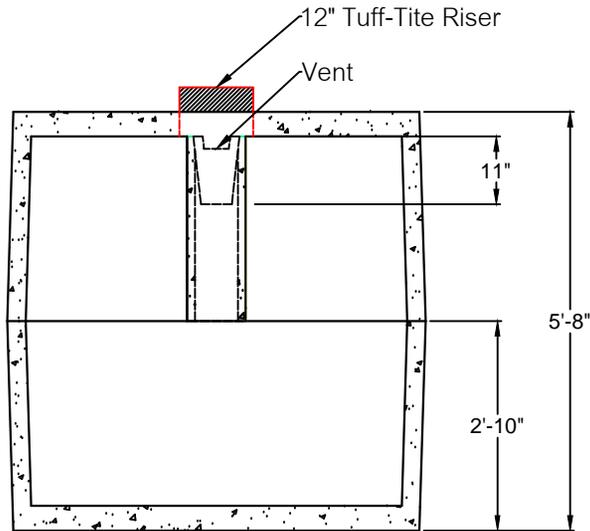
Notes:

1. This tank shall not be placed in a traffic area (ie. parking lot, driveway, etc.)- Skyline Concrete Products will not be responsible for damage resulting from being driven on.

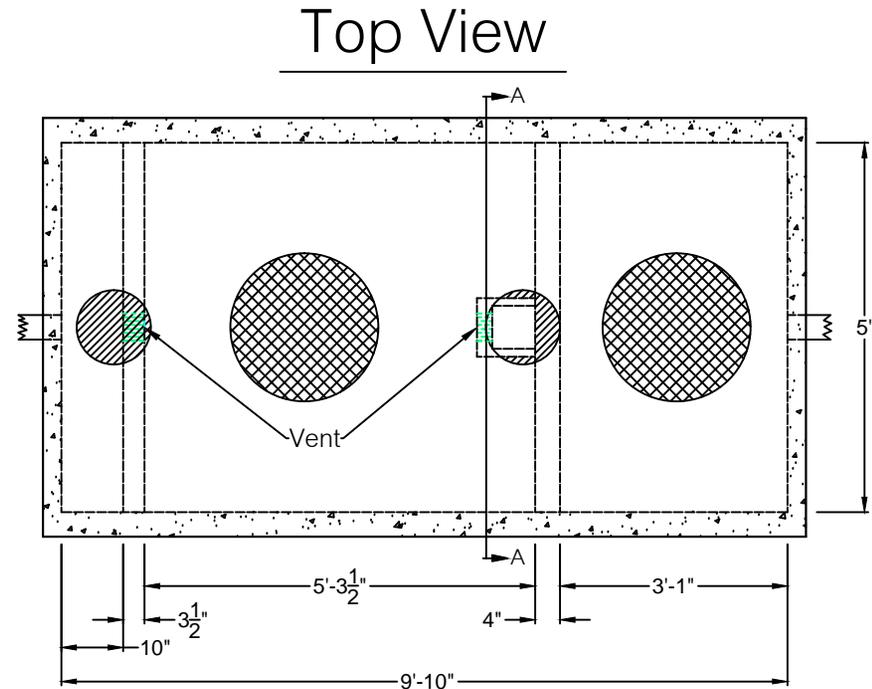
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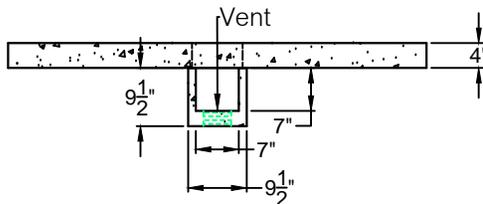
CST - 1500 - 2C
2/3 Baffle Detail Sheet



Cross Section AA



Specifications



Baffle Detail

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3. 4" pipe seals for inlet and outlet pipe penetrations.
4. 2 EA. 24" access and 2 EA. 12" Inspection port.

Miscellaneous:

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2. 24" Tuff-Tite lid with gasket and stainless steel screws.
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