



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

August 30, 2013

Josh Adams
Summit Precast
P.O. Box 144
Pinedale, WY 82941

RE: APPROVAL of the Summit Precast 1000 Gallon Two Compartment Concrete Septic Tank for use in Wyoming.

Dear Mr. Adams:

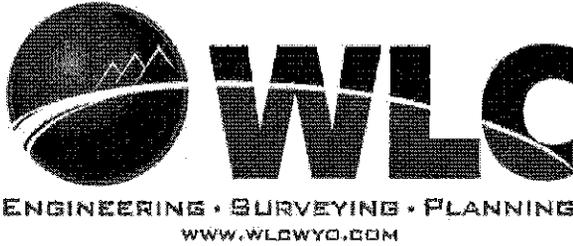
The Water Quality Division (WQD) of the Wyoming Department of Environmental Quality (DEQ) has received and reviewed the specifications for your 1000 gallon two compartment concrete septic tank. The WQD finds that this septic tank design meets the minimum requirements as identified in Chapter 11, Section 39 of the Wyoming Water Quality Rules and Regulations. Subsequently, this product will be placed on our "A-List" of approved septic tanks for use in Wyoming.

Sincerely;

Mark D. Baron
Southwest District Engineer
Water Quality Division

pdf: James Brough, P.E., Wyoming Approved Septic Tank Engineering Manager
Hannes Stueckler, P.E., Northwest Assistant District Engineer, WQD - Lander
Rich Cripe, P.E., Water & Wastewater Program Manager, WQD - Cheyenne
Seth Tourney, P.E., Southeast District Engineer, WQD - Cheyenne
Kim Parker, OpCert Officer, WQD Cheyenne
Karen Farley, P.E., Northeast District Engineer, WQD - Casper
Jason Vreeland, P.E., Northeast Assistant District Engineer, WQD - Casper
Brian D. Gray, P.E., WLC, Engineering, Surveying & Planning - Pinedale





PINEDALE
P.O. BOX 1519
PINEDALE, WY 82941
P: 307-367-6548

June 25, 2013

Josh Adams
Summit Precast
PO Box 144
Pinedale, WY 82941

RE: Summit Precast Septic Tank - Loading

Josh Adams,

WLC has performed calculations to determine the loading specifications for the **Summit Precast 1000 Gallon Septic Tank** as seen in drawing #14539 Sheet 1 of 1.

Using 4000 psi concrete, based on the lid dimensions of 107" x 53" x 3" and including reinforcing 6" x 6" x 10 gauge wire mesh located 2" from top and sides of lid, we have concluded the following. The **maximum recommended bury depth for the tank is 48" (4'-0)**.

Please feel free to contact me with any questions or concerns you have regarding these results. We thank you for the opportunity to assist you in this project.

Respectfully,

WLC ENGINEERING • SURVEYING • PLANNING

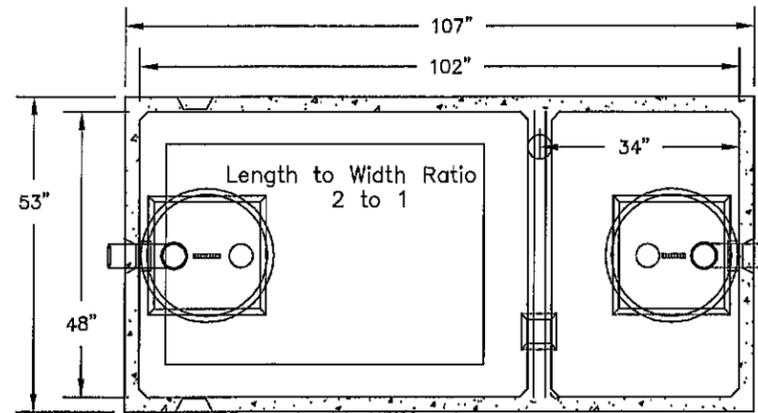
Brian D. Gray, P.E.
Pinedale Manager

CASPER

CHEYENNE

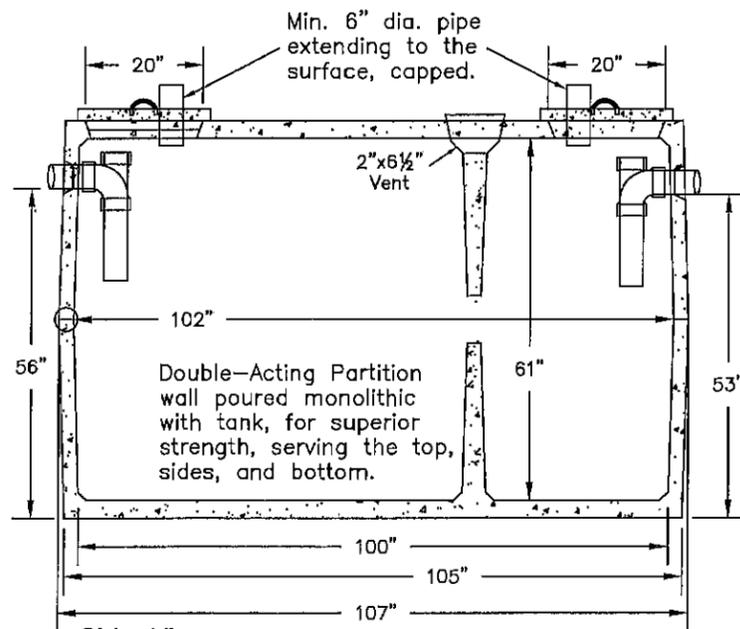
RAWLINS

DEDICATED TO CLIENTS. DEFINED BY EXCELLENCE.



Top View

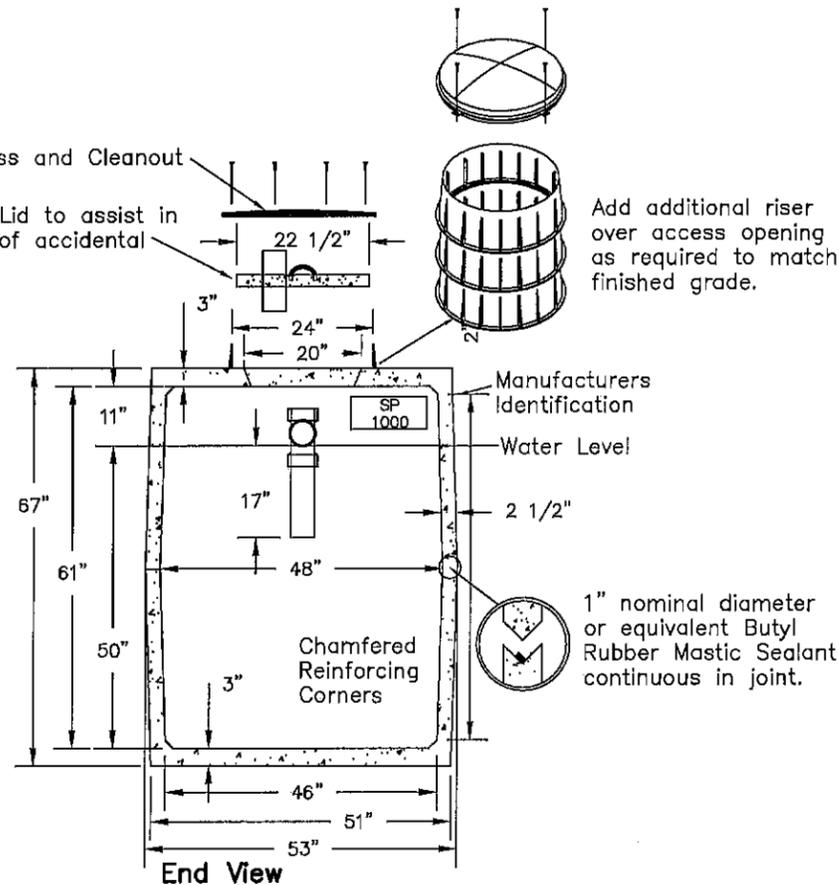
Pipe Penetrations through a non-corrosive & flexible connective sleeve or State Approved Alternative.



Side View

Double-Acting Partition wall poured monolithic with tank, for superior strength, serving the top, sides, and bottom.

24" Access and Cleanout
Secondary Lid to assist in prevention of accidental entry.



End View

1" nominal diameter or equivalent Butyl Rubber Mastic Sealant continuous in joint.

Specifications:
Capacity: 1017 Gallons
Full Capacity: 1216 Gallons
Gallons Per Inch: 19.93 Avg.
2.0 yds. = 8,000 lbs.
Max. 3 Foot of Cover

Reinforcing: 6"x6"x10-gauge wire mesh centered in all walls, ends, baffle or partition wall, top and bottom.



Drawn By: WFLC W.O. No.: 14539
Chk. By: JZ Book No.:
Acad File: Septic Tank 1000 Gallons
FOR: SUMMIT PRECAST
P.O. BOX 144
PINEDALE, WY 82941

REVISIONS

SUMMIT PRECAST
1000 GALLON SEPTIC TANK

SUMMIT PRECAST

PO BOX 144
PINEDALE, WY 82941
307-367-6385
ACI@WYOMING.COM

SEPTIC TANK DETAIL
NOT TO SCALE

SHEET NO.
1 OF 1
DATE:
08-19-13