

■ **ON-SITE WASTE DISPOSAL PERMIT** ■
COUNTY OF JOHNSON - STATE OF WYOMING

PERMIT NO. 91494a

AMOUNT \$ nc

This is to certify that the individual sewage disposal system located at Mountain Ridge Est.
Subdivision

Lot 32 Block Sec. 28 T51 R82 W Constructed for


Bert Martowski

installed by owner date 9/14/98

has been designed, constructed, and installed in compliance with the minimum requirements of Johnson County Regulations. These regulations meet minimum requirements of D.E.Q. and this certificate does not warrant or otherwise guarantee the continued performance of this system.

JOHNSON CO. SANITARIAN
76 N. MAIN
BERRALO, WY 82504

Johnson County Sanitarian



Johnson County Health Officer

Dated this 11 day of JAN, 2010.

September 13, 1994

Mr. Doug Meacham
Johnson County Sanitarian
76 North Main
Buffalo, WY 82834

Dear Mr. Meacham:

Attached is the application with drawings for the proposed septic system to be located at 28 Prairie Dr. in Mountain Ridge Estates.

The system is designed for a three (3) bedroom house, or 450 gallons/day.

Three percolation tests were taken with the slowest of 5.75 minutes/inch used for design which requires an absorption system loading rate of 0.76 gallons/square foot/day. Therefore, the minimum absorption area required is 592 square feet. Using a conventional trench system (3' wide with 6" washed rock below the invert), a minimum of 148 lineal feet of trench will be required.

As an alternate, at the Owner's option, an Infiltrator Chamber System has been designed using 60% of the area required above or 355 square feet. Each chamber has 18.75 square feet available, therefore 18 units will be required as a minimum (each chamber is 6.25 feet in length and 3' wide).

If you have any questions, please contact me.

Sincerely,



Keith A. Neustel, PE

xc: Bret Markovsky

APPLICATION FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM
JOHNSON COUNTY, WYOMING

TO: JOHNSON COUNTY SANITARIAN
76 NORTH MAIN
BUFFALO, WY 82834 PH: (307)-684-7102

Applicant: Bret Mackevsky

Mailing Address: P.O. Box 884

Buffalo, WY 82834

Location of Facility: SE 1/4, Section. 28, T51 N, R82 W

Address at site: 28 Prairie Dr. Buffalo

Subdivision: Mountain Ridge Estates, Block , Lot 32

Single Family Home: X, Number of Bedrooms: 3

Multiple Family Dwelling: , Number of Bedrooms:

Other Non-Commercial Use:

Water Supply: Municipal: , Private Well X

Lot size and/or area: 2.2 acre t

Ground slope in disposal field area: Gradual Easterly Slope

Soil type: Silty Sand

Percolation Test Results (min./inch):

(1) 5.75; (2) 3.73; (3) 4.95; (4) ; (5) ; (6) ;

Depth to seasonal high water table: Unknown

Depth to bedrock or impervious layer: Unknown

How were these determined:

Septic tank capacity and material: 1000 gallon - concrete or fiberglass

Dimensions: (W) 45'; (L) 80'; (D) 65';

Type of inlet: PVC; Type of outlet: PVC

Disposal system: Bed ; Trench X; Other ;

Description of other: An Infiltrator Chamber System has

also been designed as an option

Bed Dimensions: (W) , (L) ;

Trench Dimensions: (No.) 3, (W) 3', (L) 42'.

Depth of washed rock below invert: 6"

Total infiltrative surface provided (sq. ft.): 594

Depth from bottom of bed/trench to ground surface: 2'-3'

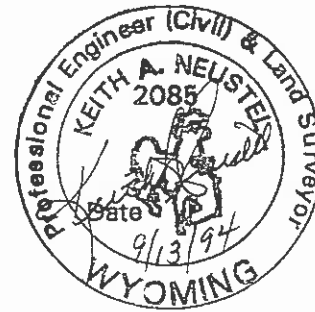
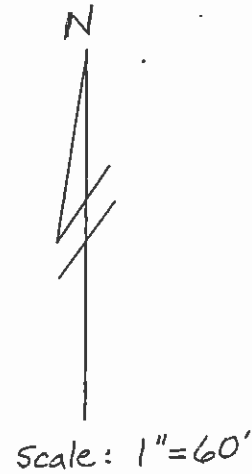
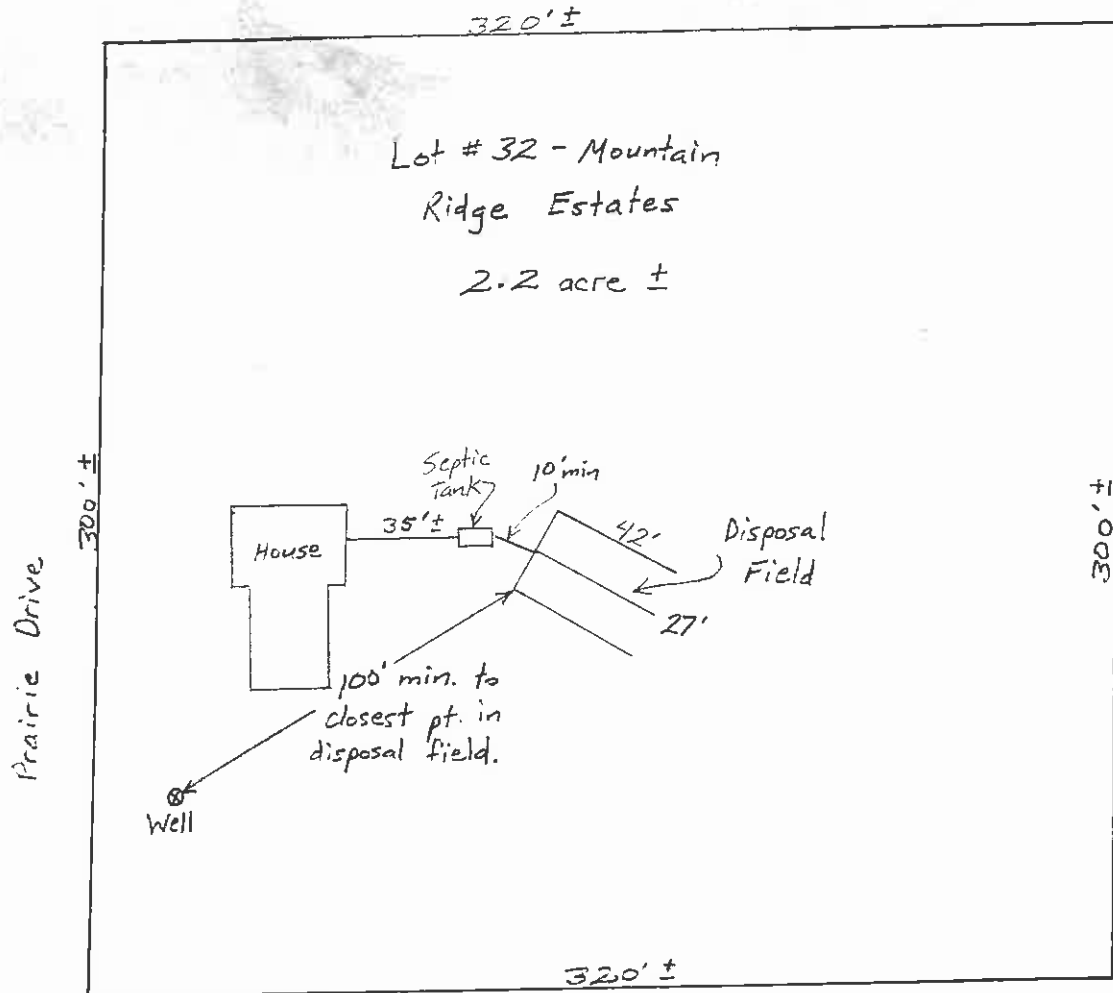
Registered Engineer: Keith A. Neustel, WY PE&LS 2085.

Engineering Firm: Grizzly Engineering
P.O. Box 1004
Buffalo, WY 82834
PH (307)-684-7029

Applicant: Bret Mackevsky

Date: 9-14-94

Bret Markovsky
 28 Prairie Dr.
 Buffalo, WY 82834



General Notes

1. The plan sheet shall show the location of property lines, all buildings, all wells within 200 feet, septic tank, disposal field, water lines, streams or surface body of water. Refer to page 6 of the instructions for an example.
2. Septic tanks shall have the following minimum separation distances:
 - 5 ft. from dwelling
 - 50 ft. from any water well
 - 50 ft. from waterways
 - 25 ft. from water lines
 - 10 ft. from property lines
3. Disposal field must meet the following minimum separation distances:
 - 100 ft. from any water well
 - 50 ft. from waterways
 - 25 ft. from drinking water lines
 - 10 ft. from dwelling or building
 - 10 ft. from septic tank
 - 10 ft. from property line
4. An area shall be shown on the plans for future installation of a replacement absorption area.

1. System shown is for conventional trench system - see appropriate drawing for alternate Infiltrator Chamber System.
2. Water well shall be a minimum of 100' from disposal system.
3. Owner responsible to insure disposal field is 4' above groundwater and/or bedrock.
4. Replacement area between trenches.

PLAN SHEET

REVIEWED BY:

DATE OF AUTHORIZATION: