

MADISON COUNTY WASTEWATER TREATMENT PERMIT

Permit to install, extend or repair septic tanks and sewage systems with inspection, in accordance covering the same. Passed by the Madison County Board of Health, Virginia City, MT, effective October 15, 1991.

This permit is issued to (installer's name): Nevin Construction

Address: PO Box 354 City: Virginia City State: MT Zip: 59755
Phone: 595-5565

for the installation of the following sewage disposal system. System will be located on property belonging to (owner's name): Jason Racine

Address: 221 Hayfield Loop Tr. City: Ennis State: MT Zip: 59729
Phone: 531-3173

Legal description of property: 1/4 1/4, Section 18, Township 7S, Range 1W,
consisting of 15.82 acres, located in the County of Madison, Montana.

Subdivision name: Bull Wheel

Lot, Tract or Parcel, Block: Lot 32

DEQ approval number: 05-1388

Authorized Address: _____

Permit issued on the 28th day of May, 20 20, for a fee of \$ 150.00
Check #: _____ by the Madison County Sanitarian as an authorized representative for
Madison County, Montana. Receipt # a101.

SYSTEM SPECIFICATIONS

Conventional gravity septic system

Install 1500 gallon, two-compartment concrete septic tank with effluent filter, risers as
needed and 3- 72' laterals using 22" gravelless chambers.

Maintain all required set-backs and regulations IAW Circular DEQ-4, 2013 Edition and lot layout per EQ# 99-1388.

<https://deq.mt.gov/Portals/112/Water/WQInfo/Documents/Circulars/Circulars/DEQ4.pdf>

Be safe, and contact this office prior to backfill. 406-843-4275 or 406-596-8063

COPY

~~~**As-Built plans must be submitted upon completion**~~~ of the system and  
include property boundaries, measurements to wells and streams, as well as location and design of  
the system, and north indicator.

SIGNATURE: \_\_\_\_\_ PERMIT #: 4058

Madison County Sanitarian's Office

Construction Permit #: 2425 Dated: 6/16/20 Receipt # a101

## MADISON COUNTY CONSTRUCTION & DEMOLITION APPLICATION/PERMIT

Ordinance 2-2006, effective and enforceable July 20, 2006 requiring all construction and demolition, performed in Madison County, to be subject to a fee of \$ 450. It shall be the property owner's responsibility to obtain and make restitution for a permit before commencing construction or demolition. Wastes permitted to be deposited under the terms of the permits provided by this ordinance shall be deposited only in Madison County Transfer Containers with the following conditions.

- All construction and demolition waste shall be cut to four (4) foot or less lengths for disposal in container sites.
- Construction and demolition waste quantities shall not exceed one pick-up truck size load per transfer container per day.
- Waste shall be deposited only in transfer containers.
- Any inert waste or metal goods should be taken directly to Madison County Class III landfills located in Ennis and Twin Bridges.
- Any person guilty of violating this ordinance shall be punished by a fine of not more than \$500.00 or a jail sentence of not more than 6 months or by such conditions as the court may impose.

This permit is issued to (contractor's name): JASON RACINE

Address: 221 Hayfield Loop Tr City: Ennis State: MT Zip: 59729

Phone #: (406) 531-3173

belonging to (owners name): JASON RACINE

Address: 221 Hayfield Loop Tr City: Ennis State: MT Zip: 59729

Phone #: (406) 531-3173 for the following construction or demolition

located at (authorized address): DIAMOND BACK RD

Legal description of property: 1/4 1/4, Section 18, Township 07S, Range 01W.

Subdivision name: BULL WHEEL MAJOR SUB

Lot, Tract or Parcel, Block: 32

Description of building:

☒ Single Family Residence

☐ Commercial Building

Main floor Square Footage  
Second Floor Square Footage  
Basement Square Footage  
Garage Square Footage

**Total Square Footage:**

2165

1072

2165

Square footage to include garage and finished or unfinished basements.

\*\*\*\*800 sq ft and under no fee\*\*\*\*

\$400.00 801 up to 2500 sq feet

\$450.00 2501 up to 4000 sq feet

\$500.00 4001 up to 5000 sq feet

+\$100.00 for each additional 1000 square foot increment

3237  
COPY

Fees payable to: Sanitarian's Office Mail to: Madison County Sanitarian, Box 278, Virginia City MT 59755

Application Dated: \_\_\_\_\_

New Construction: \_\_\_\_\_

Re-model: \_\_\_\_\_

Permit issued on the 28<sup>th</sup> day of May, 20 20, for a fee of \$ 450.-  
check #: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

Madison County Sanitarian's Office

Permit #: \_\_\_\_\_

000425

Septic Permit #: 4054 Date: 5/28/20



Kacine 4058

MADISON COUNTY SANITARIAN'S OFFICE  
103 W. WALLACE, P.O. BOX 278 VIRGINIA CITY, MT 59709  
(406) 443-4275 (F) 406-843-5352

Certified Installer Report  
On-Site Wastewater Treatment System

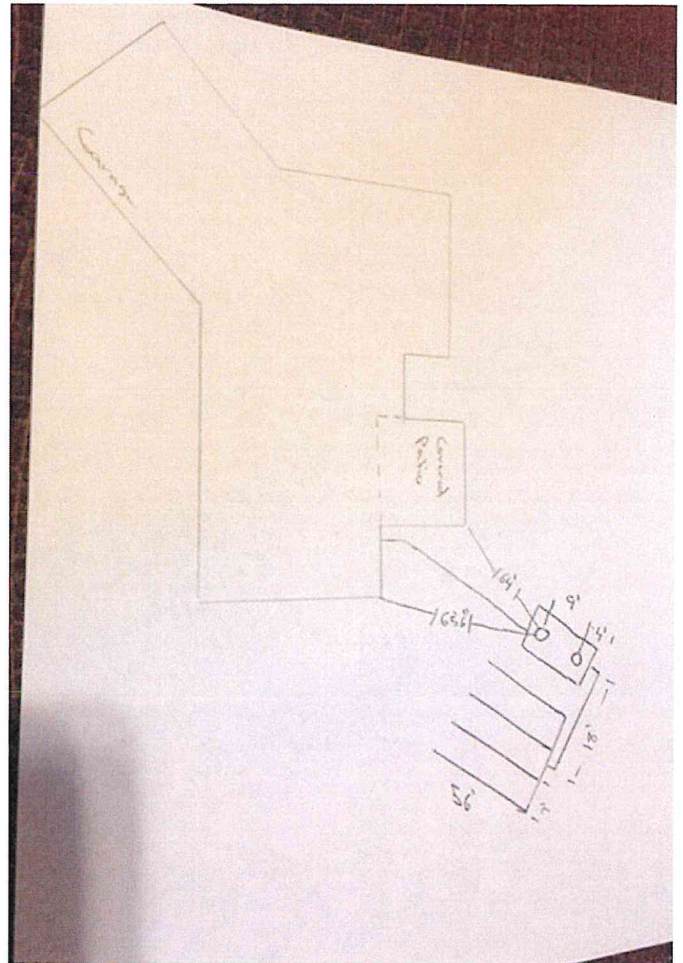
PROPERTY OWNER: Jason Racine PERMIT # 4058  
INSTALLER NAME: Nevin Const PHONE # 539-9635  
SEPTIC TANK: size 1500 (gallons) type concrete (concrete, plastic)  
baffles: yes x no no type concrete (concrete, pvc)  
DOSE TANK: size      (gallons) type       
DISTRIBUTION SYSTEM: distribution box: yes no x type       
Manifold system: yes x no no Capped system: yes no x  
lift station: yes no x type       
INFILTRATOR SYSTEM: yes x no no size-width of infiltrator 22"  
DRAINFIELD: number of laterals 4 length of each 56' width 22"  
Total lineal feet 224 trench depth (average) 24"  
Direction of slope E percent of slope 4%  
Soil type (gravel, sand, clay, silt) Sand / silt  
Gravel size: (average) 2" inches Washed? yes no  
Under pipe:      inches Over pipe:      inches  
Cover material: untreated building paper or  
2" compacted straw or porous plastic filter fabric  
DISTANCE FROM WATER SOURCES: (measured by installer) Building 9' south water  
Owner's water supply to: septic tank      drainfield       
Neighboring water supply to: septic tank      drainfield       
Surface waters (streams, lakes, irrigation) to: septic tank      drainfield       
Groundwater encountered? yes no x at what depth?       
Bedrock encountered? yes no x at what depth?     

I certify that this system meets the requirements of the permit issued by Madison County Sanitarian's Office

Signature: [Signature]  
Date: 12-1-20

NOTE: "As-built" plans must be submitted to the Sanitarian's Office within Ten Days of completion.

ATTACH DIAGRAM SHOWING LOCATION AND SIZE OF SYSTEM AS INSTALLED.  
(Identify location of septic tank and drainfield with distances from 2 permanent features of the lot and location of wells, streams & property line) - you may use back side of this sheet





STATE OF MONTANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
CERTIFICATE OF SUBDIVISION PLAT APPROVAL  
(Section 76-4-101 et seq., MCA )

TO: County Clerk and Recorder  
Madison County  
Virginia City, Montana

E.Q. #05-1388  
05-19mad

THIS IS TO CERTIFY THAT the plans and supplemental information relating to the subdivision known as **Bull Wheel Ranch Subdivision Rewrite:**

A tract of land located in the E1/2 of Section 18, Township 7 South, Range 1 West, Principal Meridian Montana, Madison County, Montana,

consisting of fourteen (14) lots, Lots 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 42 and 43 have been reviewed by personnel of the Permitting and Compliance Division, and,

THAT the documents and data required by ARM Title 17 Chapter 36 have been submitted and found to be in compliance therewith, and,

THAT the approval of the Plat is made with the understanding that the following conditions shall be met:

THAT this Certificate supersedes Certificate No. E.Q.#96-2228, dated the 28<sup>th</sup> of June, 1996, for Lots 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 42 and 43 only, and,

THAT the lot sizes as indicated on the Plat to be filed with the county clerk and recorder will not be further altered without approval, and,

THAT each shall be used for one(1) single-family dwelling, and,

THAT the public water supply system serving these lots shall be provided through extensions and service connections to the **Bull Wheel Ranch Community Public Water Supply System** as approved in the attached approval letter from the Department's Public Water Supply Section, dated the 22<sup>nd</sup> of November, 2005, and all conditions and requirements of that approval are in effect, and,

THAT the public water supply system will consist of two(2) existing water supply wells, a disinfection system, approximately 2,100 lineal feet of 4-inch AWWA C900 PVC water main, approximately 4,350 lineal feet of 2-inch AWWA C901 PE water main and appurtenances; each home connected to the system will have two(2) 1,000 gallon cisterns, and shall be constructed in accordance with the approved plans and specifications submitted by Lewis L. Burton, #9336PE of Gateway Engineering, Inc., of Bozeman, dated 5/24/05 and received by the Department on 9/29/05, and,

THAT the individual sewage treatment system for Lots 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 42 and 43 shall consist of a minimum 1,000 gallon septic tank with an effluent filter and a sub-surface drainfield of such size and description as will comply with Title 17, Chapter 36, Sub-Chapters 1, 3 and 6 ARM, and,

**Bull Wheel Ranch Subdivision Rewrite**

Madison County

E.Q. #05-1388

THAT the sub-surface drainfield for Lot 30 shall have an absorption area of sufficient size to provide 0.6 gallons per day per square feet of drainfield area, and,

THAT the sub-surface drainfield on Lot 30 shall have a width of at least 100-feet to meet non-degradation requirements, and,

THAT the subsurface drainfield for Lots 28, 29, 31, 32, 33, 34, 35, 36, 37, 39, 40, 42 and 43 will be located and sized as originally approved in Certificate No. E.Q.#96-2228; which is as follows:

THAT the individual subsurface drainfield on Lots 34 and 43 shall have an absorption area of sufficient size to provide 140 square feet per bedroom, and,

THAT the individual subsurface drainfield on Lots 39 and 40 shall have an absorption area of sufficient size to provide 160 square feet per bedroom, and,

THAT the individual subsurface drainfield on Lots 32 and 37 shall have an absorption area of sufficient size to provide 190 square feet per bedroom, and,

THAT the individual subsurface drainfield on Lots 35, 36 and 42 shall have an absorption area of sufficient size to provide 220 square feet per bedroom, and,

THAT the individual subsurface drainfield on Lots 28, 31 and 33 shall have an absorption area of sufficient size to provide 250 square feet per bedroom, and,

THAT the individual subsurface drainfield on Lot 29 shall have an absorption area of sufficient size to provide 300 square feet per bedroom, and,

THAT instruments of transfer for this property shall contain reference to these conditions, and,

THAT the developer and/or owner of record shall provide each purchaser of property with a copy of the Plat, and a copy of this document, and,

THAT the plans and specifications for any proposed sewage treatment systems will be reviewed and approved by the county health department and will comply with local regulations and ARM, Title 17, Chapter 36, Sub-Chapters 3 and 9, and,

THAT departure from any criteria set forth in the approved plans and specifications and Title 17, Chapter 36, Sub-Chapters 1, 3, and 6 ARM when erecting a structure and appurtenant facilities in said subdivision without Department approval, is grounds for injunction by the Department of Environmental Quality.

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**Bull Wheel Ranch Subdivision Rewrite**

Madison County

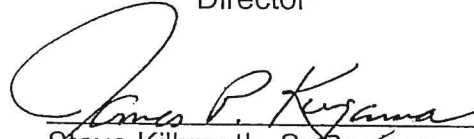
E.Q. #05-1388

Pursuant to Section 76-4-122 (2)(a), MCA, a person must obtain the approval of both the State under Title 76, Chapter 4, MCA, and local board of health under section 50-2-116(1)(i), before filing a subdivision plat with the county clerk and recorder.

YOU ARE REQUESTED to record this certificate by attaching it to the Plat filed in your office as required by law.

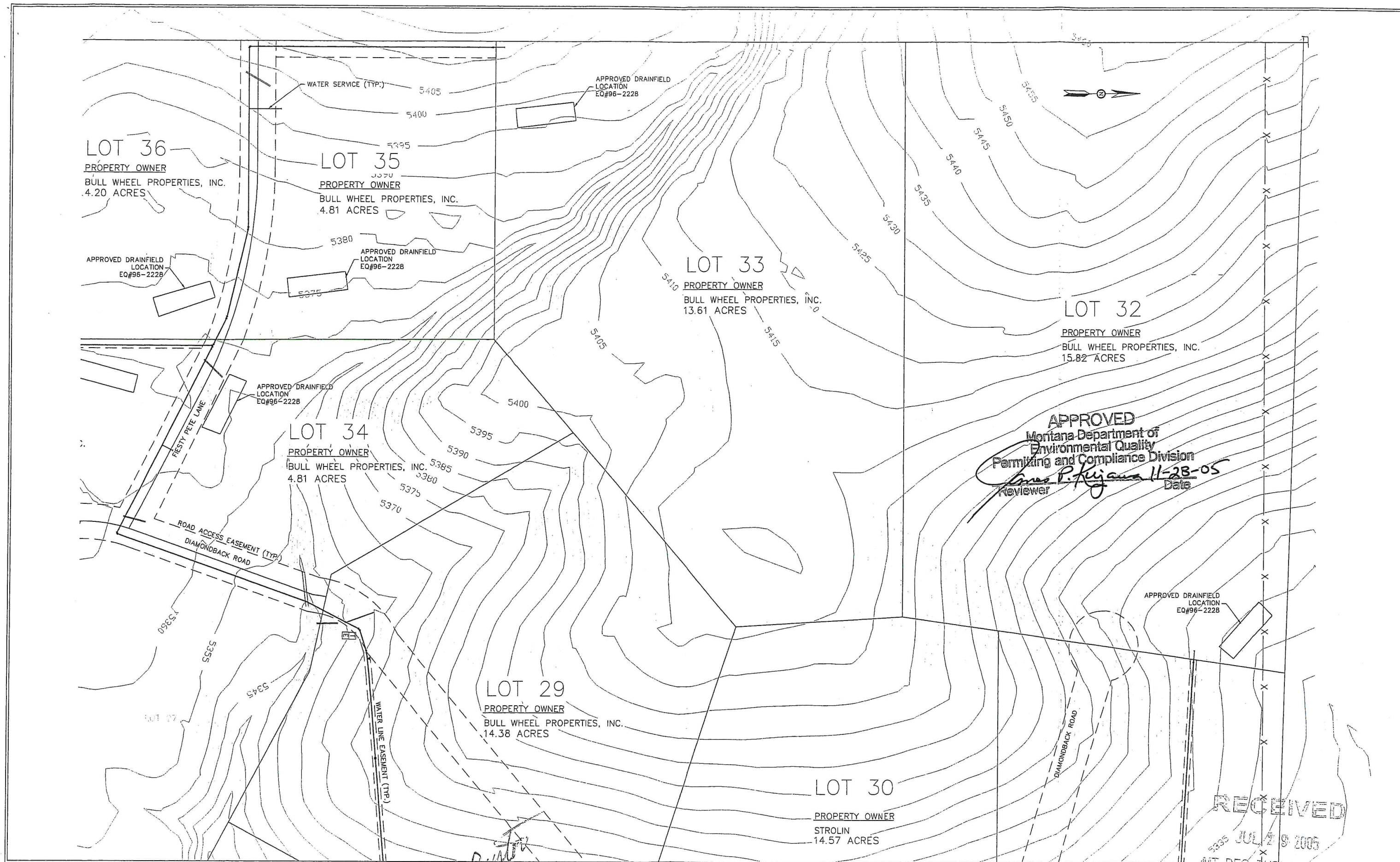
DATED this 28<sup>th</sup> day of November, 2005.

Richard H Opper  
Director

By:   
FOR Steve Kilbreath, Supervisor  
Subdivision Review Section  
Permitting and Compliance Division  
Department of Environmental Quality

Owner's Names: P.T. Combs, Lot 28/Stuart Strolin, Lot 30/Michael Saltzman, Lot 31/Bruce Combs(the remaining lots)



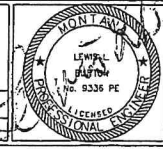


APPROVED  
Montana Department of  
Environmental Quality  
Permitting and Compliance Division  
*James P. Kujawa* 11-23-05  
Reviewer Date

RECEIVED  
JUL 29 2005  
MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY

| REVISIONS | DRAWN BY | DATE |
|-----------|----------|------|
|           |          |      |
|           |          |      |
|           |          |      |
|           |          |      |

|                          |                  |     |     |
|--------------------------|------------------|-----|-----|
| 0                        | 75               | 150 | 225 |
| SCALE: 1 INCH = 150 FEET |                  |     |     |
| PROJECT ENGINEER: KEP    | DRAWN BY: KEP    |     |     |
| DESIGNED BY: KEP         | REVIEWED BY: LLB |     |     |



GATEWAY ENGINEERING & SURVEYING, INC.  
2020 CHARLOTTE STREET  
BOZEMAN, MONTANA 59718  
Phone: (406) 587-4545  
Fax: (406) 587-7676

EX#05-1388  
LOT LAYOUT  
LOTS 32-35

T7S, R1W, Sec. 18  
Bull Wheel Ranch Subdivision  
Madison County, MT  
SHEET 2 OF 3  
PROJECT #: 05-014  
DATE: 7/12/05