

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): Matson Excavation
Address: PO Box 533 City: Ennis State: MT Zip: 59729
Phone: 682-7411

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

Address: 24 Buffalo Lance Rd City: Cameron State: MT Zip: 59720
Phone: 682-4443

Legal description of property: 1/4 1/4, Section 33, Township 5S, Range 1W,
consisting of 1.9 acres, located in the County of Madison, Montana.

Subdivision name: Sky View
Lot, Tract or Parcel, Block: Lot 3

DEQ approval number: 06-2342
Authorized Address: _____

Permit issued on the 12th day of April, 20 18, for a fee of \$ 150.00
Check #: 1323 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- 100' laterals using 22" gravelless chambers.
Maintain all required set-backs and regulations IAW Circular DEQ-4, 2013 Edition and lot layout per EQ# 06-2342.
<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

~~~**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: [Signature] PERMIT #: 3705

Madison County Sanitarian's Office

Construction Permit #: 2129 Dated: 4/12/18 Receipt # A101

25 05 10 33 205 05 0000

PERMIT # 3705

**MADISON COUNTY APPLICATION FOR WASTEWATER TREATMENT SYSTEM**

Incomplete applications will not be processed. All permits are valid for 12 months from date of issuance. After that time, a \$50.00 fee will continue the permit for another year. The permit is void if the system is not installed within 24 months, and another must be purchased.

**PART A**

1. Name of property owner: Samuel R. Johnson  
Address: 24 Buffalo Lance Rd City: Cameron State: MT Zip: 59720  
Phone: 406-682-4443
2. If the person completing this application is not the owner, give:  
Name of applicant: Matson Excavation  
Address: PO Box 533 City: Ennis State: MT Zip: 59729  
Phone: 406-682-7411
3. Authorized road address: Sky View Drive, Ennis MT 59729  
Please submit directions to location property: from US Hwy 287 N, (W) onto  
Vangeview Rd, (S) onto Sky View Dr, property on N side
4. Legal description of property: 1/4 1/4, Section 33, Township 05S Range 01W,  
consisting of 1.9 acres, located in the County of Madison, Montana.
5. Subdivision name: Sky View Sub  
Lot, Tract or Parcel, Block: Lot 3  
COS: 4/546
6. Type of structure(s) to be served:  
 One single family dwelling  
 Other (please describe) \_\_\_\_\_
7. Number of bedrooms in dwelling: 3
8. Estimated volume of wastewater produced (commercial only): \_\_\_\_\_
9. Name of Madison County licensed installer: Gordon Matson, Matson Excavation
10. Does the property have DEQ approval?  
 Yes and # \_\_\_\_\_  
 No (see part C)
11. Does the property have any exemptions noted on plat?  
 Yes - type of exemption \_\_\_\_\_  
 No
12. A permit fee of \$ 200.00 in accordance with the Madison County Regulations for Wastewater Treatment Systems is enclosed.
13. This is:  
 New system  
 Upgrade or replacement
14. Type of Water Supply and Wastewater Treatment System proposed: concrete tank w/  
gravelless infiltrators

Make checks to: Madison County Sanitarian  
Return application to: Madison County Sanitarian, PO Box 278, Virginia City MT 59755

I hereby declare that the information above is true, complete and correct to the best of my knowledge. The wastewater treatment system will be installed according to the Madison County Regulations for Wastewater Treatment Systems and the DEQ. I acknowledge that the Madison County Health Department is not bound or obligated to guarantee this systems' operation. I further agree to give a minimum of 24 hours notice for inspection of the system before it is back filled.

Signature of Applicant

Dated

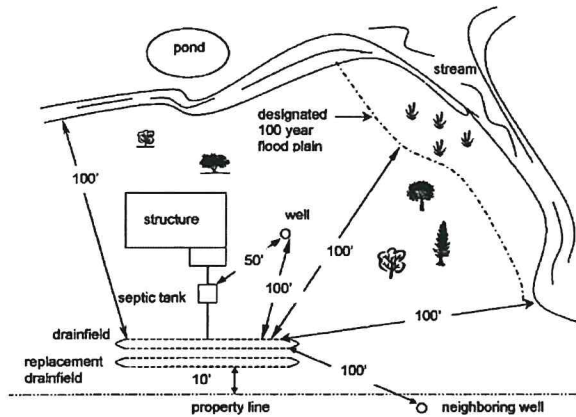
**PART B**

**\*\*\* IMPORTANT \*\*\***

15. The application will not be accepted if any of the following site plan information is missing. **Must include:** shape and size of parcel, location of house site and all buildings, percent and direction of slope, proximity to all water supplies to include wells, open bodies of water, streams and floodplain within 100 feet of the property, areas of high ground water, and the design of the wastewater treatment system area for 100% replacement absorption system.

**NORTH**

Example with setback distances



**MADISON COUNTY SANITARIAN'S OFFICE**

103 W. WALLACE, \*PO BOX 278 VIRGINIA CITY, MT 59755

(O) 406-843-4275 (F) 406-843-5362

**Certified Installer Report  
On-Site Wastewater Treatment System**

PROPERTY OWNER: Samuel Johnson PERMIT# 3705

INSTALLER NAME: Mattson Excavation PHONE # 6082-7411

SEPTIC TANK: size 1500 (gallons) type concrete (concrete, plastic)  
baffles: yes  no  type concrete (concrete, pvc)

DOSE TANK: size — (gallons) type —

DISTRIBUTION SYSTEM: distribution box: yes  no  type concrete

Manifold system: yes  no  Capped system: yes  no

lift station: yes  no  type —

INFILTRATOR SYSTEM: yes  no  size-width of infiltrator 22"

DRAINFIELD: number of laterals 3, length of each 100' width 24"

Total lineal feet 300' trench depth (average) 36"

Direction of slope east percent of slope 1%

Soil type (gravel, sand, clay, silt) gravel

Gravel size: (average) 1-3" 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) —

Owner's water supply to: septic tank 122' drainfield 132'

Neighboring water supply to: septic tank — drainfield —

Surface waters (streams, lakes, irrigation) to: septic tank — drainfield —

Groundwater encountered? yes  no  at what depth? —

Bedrock encountered? yes  no  at what depth? —

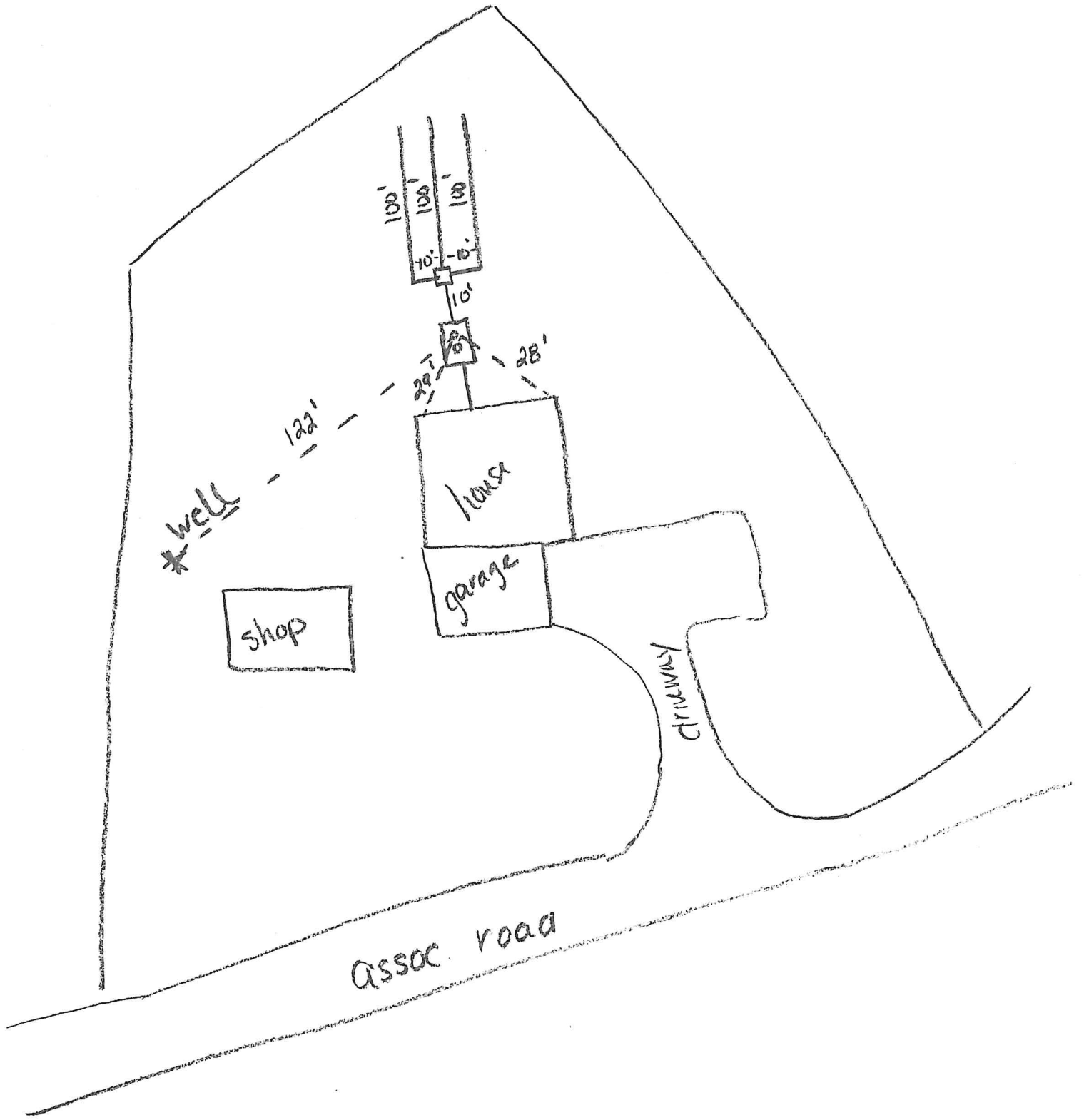
I certify that this system meets the requirements of the permit issued by Madison County Sanitarian's Office

Signature: [Signature]  
Date: 11/19/19

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

Owner: Samuel Johnson  
Permit: # 3705



STATE OF MONTANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
CERTIFICATE OF SUBDIVISION PLAT APPROVAL  
(Section 76-4-101 through 76-4-131, MCA 1995)

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

E.Q. 06-2342

THIS IS TO CERTIFY THAT the plans and supplemental information relating to the subdivision known as **Sky View Subdivision**

Located in the Northwest and Southwest Quarters of Section 28, the Northwest Quarter of Section 33 and the Northeast Quarter of Section 32, all in Township 5 South, Range 1 West, PMM, Madison County, Montana

consisting of 84 lots have been reviewed by personnel of the Permitting and Compliance Division, and,

THAT the documents and data required by ARM Chapter 17 Section 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 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 Lot shall be used for one single-family dwelling and separate one bedroom apartment, and

THAT each lot's single-family dwelling and separate one bedroom apartment shall share a water system which will consist of a well drilled to a minimum depth of 25 feet constructed in accordance with the criteria established in Title 17, Chapter 36, Sub-Chapters 1, 3, and 6 ARM and the most current standards of the Department of Environmental Quality, and,

THAT data provided indicates an acceptable water source at a depth of approximately 95 feet, and,

That each lot's single-family dwelling and separate one bedroom apartment shall share a subsurface drainfield, and,

THAT the subsurface drainfield for lots 1 - 4, 10 - 26, 31 - 46, 54, 55 and 57-82 will consist of a 1,500 gallon septic tank, effluent filter and subsurface drainfield of such size and description as will comply with Title 17, Chapter 36, Sub-Chapters 1, 3, and 6 ARM, and,

THAT each subsurface drainfield for lots 1 - 4, 10 - 26, 31 - 46, 54, 55 and 57-82 shall have an absorption area of sufficient size to provide 750 square feet, and,  $0.4 \text{ gpd/ft}^2$  - standard  
*125' / bedroom*

THAT the subsurface drainfield for lots 5, 6, 7, 8, 9, 27, 28, 29, 30, 47, 48, 49, 50, 51, 52, 53, 56, 83, and 84 shall consist of a 1,500 gallon septic tank, effluent filter, a 1,000 gallon dosing tank and elevated sand mound of such size and description as will comply with Title 17, Chapter 36, Sub-

*(25% reduction for gravelless chambers allowed)*

*depends  
# of  
bedrooms*

Chapters 1, 3, and 6 ARM, and,

THAT the bottom of the drainfield shall be at least four feet above the water table, and,

THAT no sewage treatment system shall be constructed within 100 feet of the maximum highwater level of a 100 year flood of any stream, lake, watercourse, or irrigation ditch, nor within 100 feet of any domestic water supply source, and,

THAT water supply systems, sewage treatment systems and storm drainage systems will be located as shown on the approved plans, and,

THAT all wells and drainfields must be located and staked by an engineer prior to construction and,

THAT all sanitary facilities must be located as shown on the attached lot layout, and,

THAT the developer and/or owner of record shall provide each purchaser of property with a copy of the plat, approved location of water supply and sewage treatment system as shown on the attached lot layout, and a copy of this document, and,

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

THAT 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, Subchapters 3 and 9, before construction is started.

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.

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 22nd day of March, 2007.

Richard Opper  
DIRECTOR

By:

*Barbara Kingery for*  
Steve Kilbreath, Supervisor  
Subdivision Section  
Water Protection Bureau  
Permitting and Compliance Division  
Department of Environmental Quality

EQ # 06-234Z

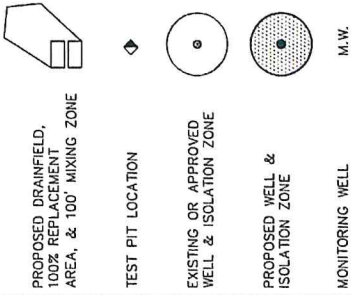
APPROVED

Montana Department of Environmental Quality  
Permitting and Compliance Division

Barbara Kinross 1-11-07  
Reviewer Date

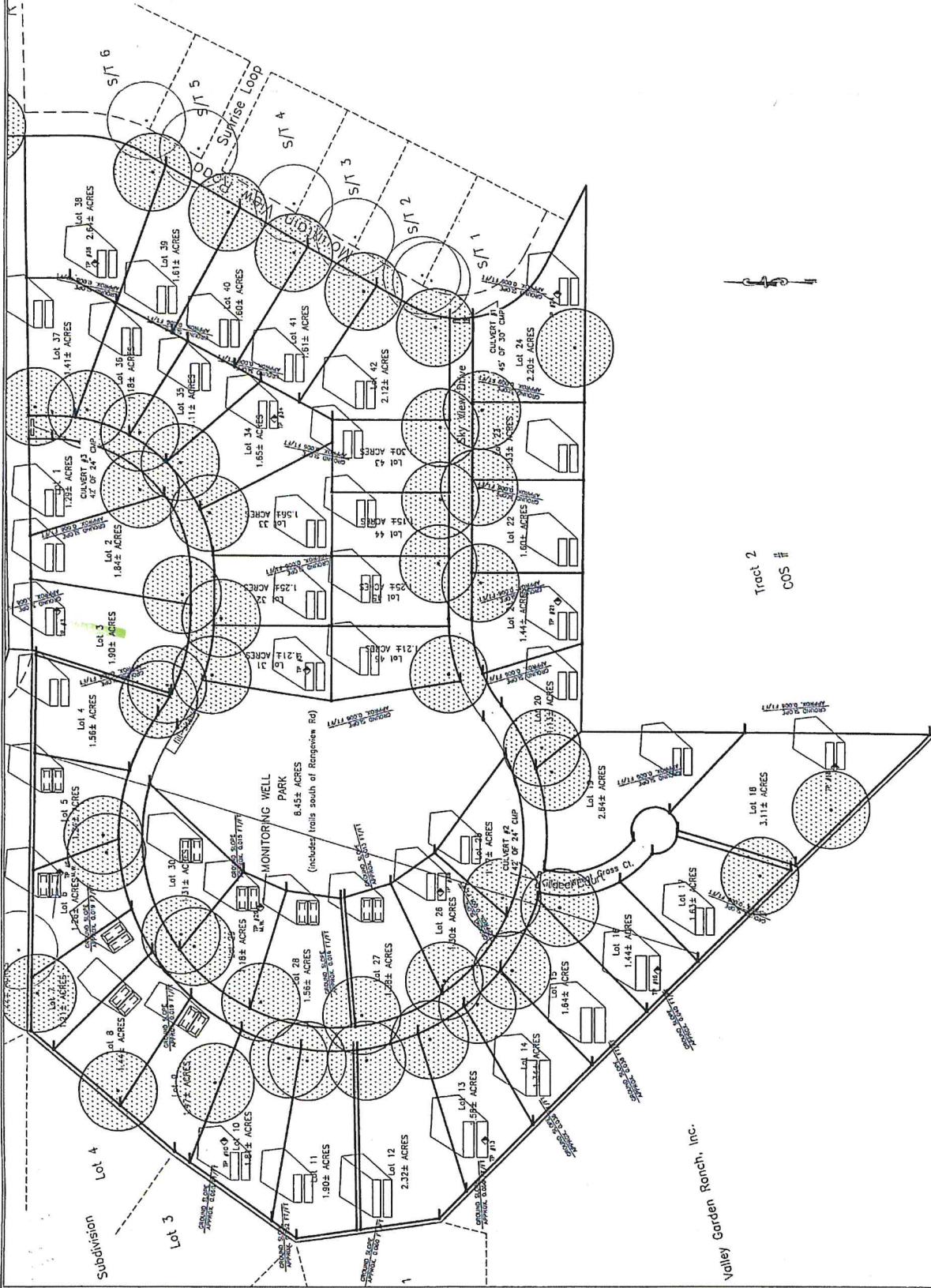
DESIGNER FOR M.D.C. & SUBDIVISIONS BUREAU  
HYDRAULIC CAPACITY = 0.000 CFS  
MINIMUM GRADE = 0.000

LEGEND



STORM DRAINAGE NOTES:  
STORM DRAINAGE SHALL BE CONTAINED IN ROADSIDE DITCHES AND DRAINAGE SWALES AS SHOWN ON THE STORM DRAINAGE PLAN, SHEET 8 OF THE DRAWINGS.  
MT DEQ PUBLIC WORKS & SUBDIVISIONS BUREAU

NOTES:  
THERE ARE NO FLOOD PLAINS IN PROPOSED SUBDIVISION.



Tract 2  
COS #

|                                                                                                                                          |                                 |                                                                   |                                 |                                              |  |                                             |                                       |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------|---------------------------------|----------------------------------------------|--|---------------------------------------------|---------------------------------------|
| GATEWAY ENGINEERING & SURVEYING, INC.<br>2020 CHARLOTTE STREET<br>BOZEMAN, MONTANA 59718<br>Phone: (406) 587-4545<br>Fax: (406) 587-7676 |                                 | LOT LAYOUT<br>SECTIONS 28, 32, & 33 OF T5S, R11W                  |                                 | SKY VIEW MAJOR SUBDIVISION<br>MADISON COUNTY |  | SHEET<br>4 OF 22<br>PROJECT # CA-12<br>DATE |                                       |
| REVISIONS<br>UPDATED WELLS & DRAINFIELDS<br>STORM WATER NOTES                                                                            | DRAWN BY: BSS<br>DATE: 11/09/07 | SCALE: 1" = 250 FEET<br>PROJECT ENGINEER: BSS<br>DESIGNED BY: BSS | DRAWN BY: BSS<br>DATE: 11/09/07 | REVIEWED BY: LLS                             |  |                                             | 0 125 250 375<br>SCALE: 1" = 250 FEET |