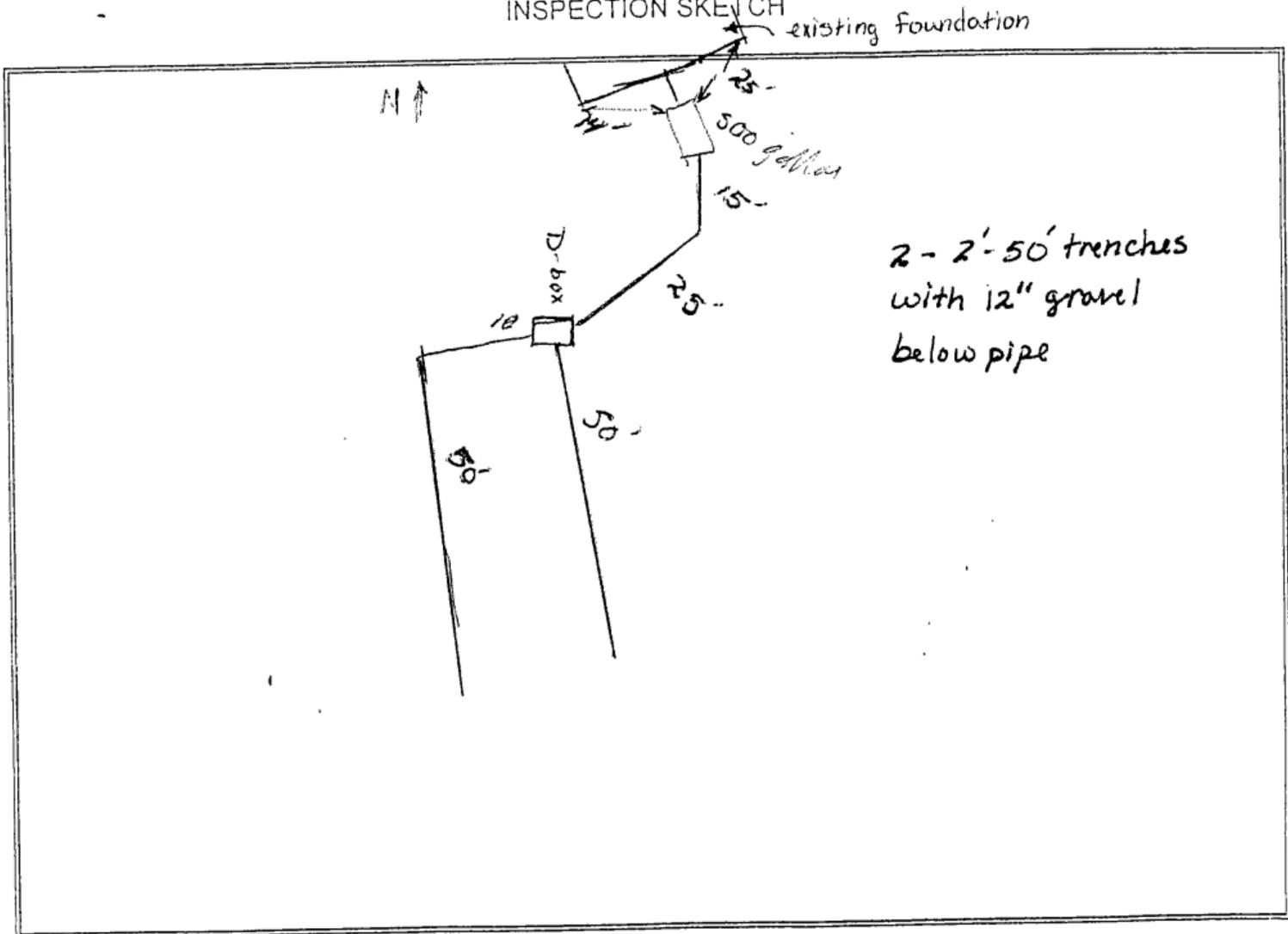


LAKE COUNTY LAND SERVICES
FINAL INSPECTION AND USE PERMIT OF INDIVIDUAL SEWAGE DISPOSAL SYSTEM

PROPERTY OWNER Glen Stout
PHYSICAL ADDRESS 78290 Hwy 83 C.O.S. 5007 Tract 2
LEGAL DESCRIPTION 1/2 1/4 1/4 SECTION 19, TWP 26 N, RNG 18 W
GEOCODE 3710-19-1-01-01 SUBDIVISION _____ LOT _____ BLK _____
PERMIT NO. 4262 CONTRACTOR Zavala

INSPECTION SKETCH



IS SYSTEM INSTALLED ACCORDING TO APPROVED PRE-SKETCH? YES NO _____

INSPECTED BY *[Signature]* DATE 11/7/97

SIGNATURE OF APPLICANT OR AUTHORIZED AGENT *[Signature]*

[Handwritten initials]
4262

APPLICATION FOR LAKE COUNTY SEWAGE DISPOSAL SYSTEM INSTALLATION PERMIT

Section A: To be completed and signed by property owner or their representative and returned to Land Services. Permit fee determination to be made by sanitarian.

Property Owner Glen Stout Phone # 887-1137

Mailing Address 1167 Sylvan DR City Bigfork State/Zip 59911

Property Address (if known) 78290 Hwy 83 COS 5007 Tract 2

Legal Description: Section 19 Township 26 N Range 13 W, SE 1/4 NW 1/4 1/2

Subdivision Name (if applicable) N/A (FORMER Shadow Valley) Lot Block

Size of Parcel 14.66 Water system: Proposed Existing Type Multi-family (9)

Dwelling: Single family (cabin) Multi-family Mobilehome #Bedrms 1

Is the property zoned? Yes No Zoning District

Zoning Conformance Permit # N/A If zoning conformance permit has not been issued, contact Lake County Planning Dept. to obtain a permit prior to Septic Permit being issued.)

I hereby declare that the information submitted herein is true and complete to the best of my knowledge. I understand that a final inspection of the approved system must be conducted by Lake County Land Services prior to backfilling.

Signature of Applicant or Authorized Agent _____ Date _____

Section B: To be completed by Lake County Sanitarian.

GEO Code 3710-19-1-01-01-0000 Tax Statement # 16443

System is a replacement new holding tank sewage disposal system. J-no.

Property Type: Agricultural Lakeshore Residential Commercial GUEST CABIN Floodhazard

State Septic Approval: Require Completed Not Required Reference Date

Name N/A State ES #

Does property require a building notification permit? Yes No Permit #

Soil Type in area of proposed drainfield GRAVELLY SILT LOAM

Percolation test results 10 Absorption area proposed 150 ft²/per bedroom

Contractor ZAVALA Required septic tank size: 500 gallons.

Drainfield sizing reference: # of bedrooms 1 other

Type of absorption area proposed: TRENCH TYPE - 2 - 50' TRENCHES
with 12" gravel below trench

The presketch of the proposed layout will be drawn on the back of this application by the sanitarian. The sketch will include property lines, direction of slope, distance to wells, streams, irrigation ditches, lake, etc.

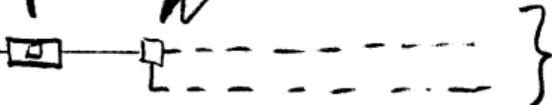
Signature of Registered Sanitarian [Signature] Date of issue 10/7/97 Permit Number 4262 Check Number 12238

Approved Permit Is Invalid If System Is Not Installed Within Six (6) Months of Issuance.

A
N

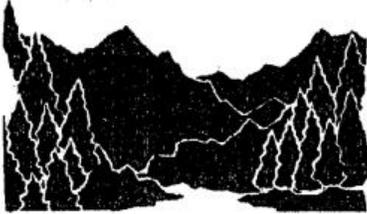
GUEST
CABIN
16 x 24
1 Bdrroom
No Kitchen

500 gallon Pump Chamber
convert to septic tank
Install Sanitary Tee on
Outlet side
D-Box



} 2 - 50' Trenches
10' O/C
12" gravel below

✓



LAKE COUNTY ENVIRONMENTAL HEALTH

106 FOURTH AVENUE EAST
POLSON, MT 59860-2175
PH: 406-883-7236 FAX: 406-883-7205
Email: envhealth@lakemt.gov

WASTEWATER TREATMENT SYSTEM FINAL INSPECTION AND USE PERMIT

Lake County Environmental Health Department hereby approves Wastewater Use Permit # 7813
for the following:

OWNER: LA BRENTANO ENTERPRISES LLC

MAILING ADDRESS: 27572 MORNINGWOOD LN.

CITY: BIGFORK STATE: MT ZIP: 59911

LEGAL DESCRIPTION: SECTION 19, T 26 N, R 18 W, 1/2, 1/4, 1/4

SUBDIVISION/COS: LOS 5007 LOT/TR#: 2

GEOCODE: 3710-19-1-01-01-0000 LOT SIZE: 14.66

PHYSICAL ADDRESS: 27572 MORNINGWOOD LN, BIGFORK

SYSTEM DESIGN: (STANDARD) ADVANCED EXPERIMENTAL (circle one)

GPD: 360 BEDROOMS: 3 bed vac. rental OTHER: _____

Existing 1000 tank, 1000 pump chamber - three 3'x76' gravelless chamber trench

UPPER SEPTIC TANK: GPS-NS 426175.642 GPS-EW 269304.014

LOWER SEPTIC TANK: 426145.123 269387.000

DRAINFIELD: GPS-NS 426140.363 GPS-EW 269384.171

WELL #1 426193.008 269346.601

WELL #2 GPS-NS 426185.923 GPS-EW 269337.130

INSTALLER SIGNATURE: ROD DAY-ZAVALA

I hereby certify the above system was installed in accordance with all applicable regulations and specifications.

INSPECTED BY: Rod Day & Hollenwood DATE June 11, 2013

It is the property owner's responsibility to ensure the system is properly maintained and functioning within the guidelines set forth in the Lake County Wastewater Treatment System Regulations and the Montana Circular DEQ4.

Any alteration of the wastewater treatment system not approved by Lake County Environmental Health Department invalidates this Use Permit. Any change in wastewater flow or strength from the design of this wastewater treatment system requires a Change of Use permit be issued. Examples include, but are not limited to: addition of a bedroom(s), altering a residential use, altering commercial or industrial use, replacement of structures, addition of a water treatment unit or a water fixture.

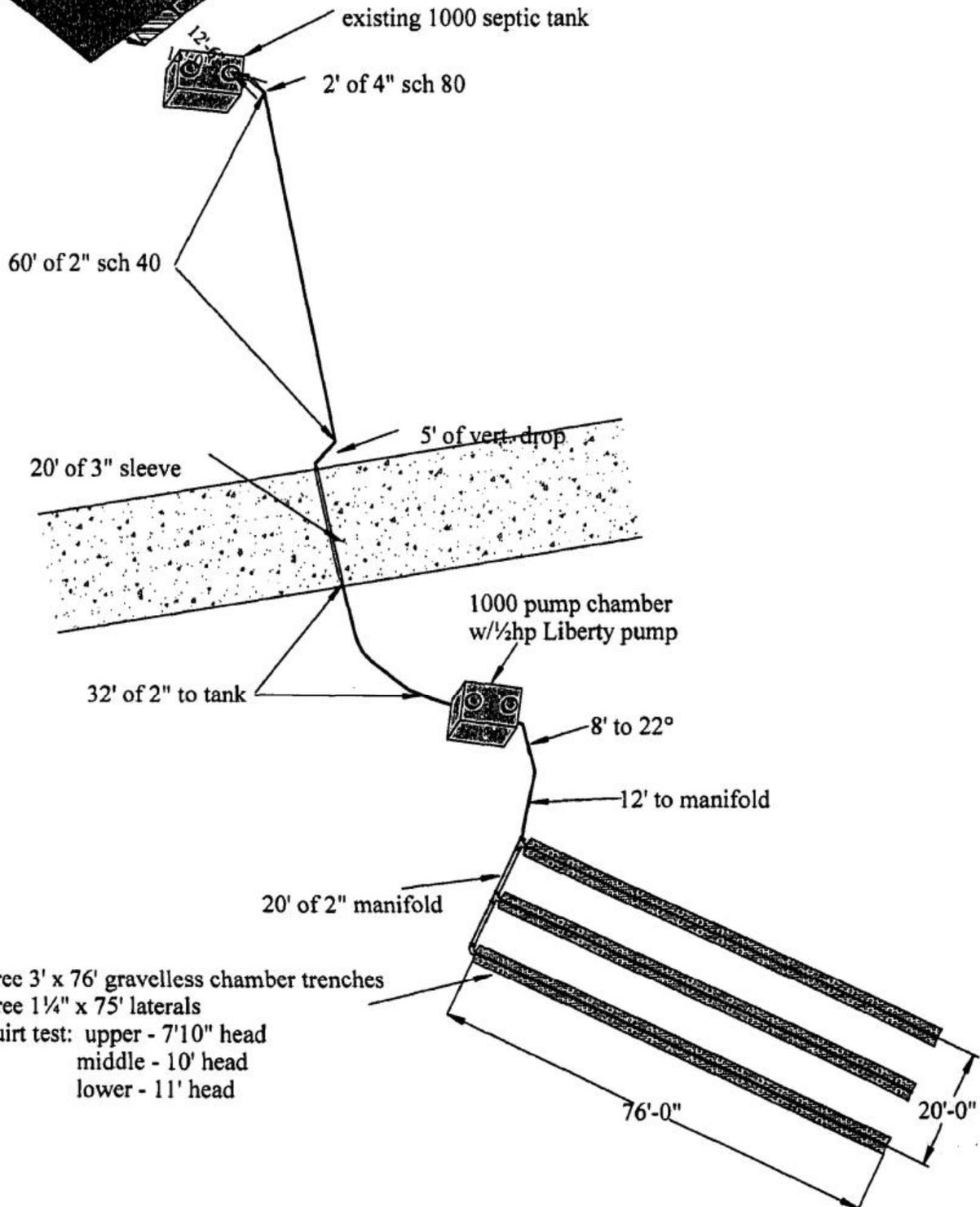
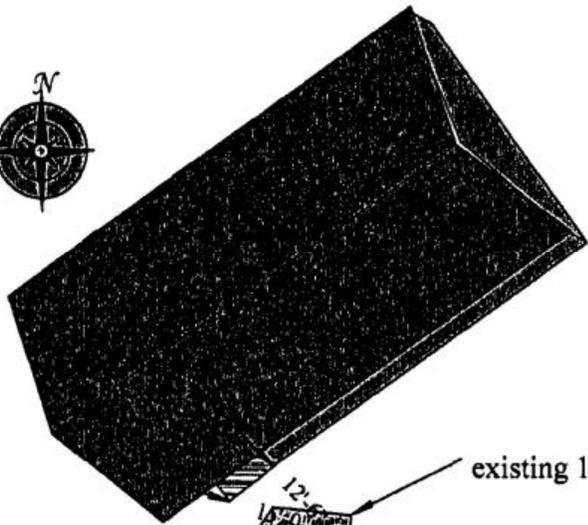
Minor repairs to the system will be allowed without an additional permit. These repairs are limited to: replacing a broken sewer line, pumping the septic tank (recommended every 3-5 years), cleaning the effluent filter (recommended annually) and replacing the effluent pump with a pump of equal specifications. Any other repairs require an approved Installation Permit from Lake County Environmental Health Department.

For more information please contact Lake County Environmental Health Department.

See attached sketch for design specifications.



LaBrentano Enterprises LLC
Geo #3710-19-1-01-01-0000
Permit #7813
June 11, 2013



**PERMIT ROUTING
ENVIRONMENTAL HEALTH - WASTEWATER PERMITS**

Permit # 7813 Owner Name: La Buentano Ends. Date Submitted: APR 10 2013

Type:

<input type="checkbox"/> New	<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Alteration
<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> Failed System	<input type="checkbox"/> Tank Only
<input checked="" type="checkbox"/> SFR	<input type="checkbox"/> Changes to Structure	<input type="checkbox"/> Additional Tank
<input type="checkbox"/> MFR	_____	<input type="checkbox"/> Replacement Tank
<input type="checkbox"/> Commercial	<input type="checkbox"/> Additional Unit _____	<input type="checkbox"/> Holding Tank
Type: _____		<input type="checkbox"/> Other <u>Expands permit to serve 3 bed, 3 bath</u>

Change of Use: Existing permit # 423

Change height/footprint Additional Unit Other

Describe: _____

Assigned to: DONNY (Sanitarian)

Land Research:

Year home was built See attached property deed (Tax) SACBOS

Assessor: 116413 COS: 5001, Tr2 Sanitary Restriction Subdivision/SP Parcel of AKA Awarded Lot of Big Hank

Cadastral unable to print Deed/Exhibit DEQ Approval Yes No

Planning Review: 4/11/13

Zoning Conformance Building Notification Density: _____ acre/unit

District: _____

Application Request By: Phone Mail In Person

Date of Request: _____ App. Rcvd: _____ Permit Issued: _____

Initially reviewed by: LMH 4/15/2013 (Planner)

Planner Comments: Only appears to be a system alteration to address issues. If additional construction or changes to existing structure beyond what is shown on the floor plan is proposed, additional review and approval by planning Dept. is required. Applicant is responsible for complying with all private covenants, easements, agreements, etc.

Please initial permit to release septic permit

Deed Restriction/Declarations Required:

Date Sent: _____ Date Rcvd: _____

Date Filed: _____ Document #: _____

Guest House-Sngl Fam Apprvl Level II System Affidavit Other: _____

Shared User Agreement As-Built Change Easement

Notes:



APPLICATION FOR LAKE COUNTY WASTEWATER TREATMENT SYSTEM INSTALLATION

APR 10 2013

PERMIT # 105 APPLICATION DATE: 4/8/13

LAKE COUNTY ENVIRONMENTAL HEALTH
106 FOURTH AVENUE EAST
POLSON, MT 59860-2175

PH: 406-883-7236
FAX: 406-883-7205

Email: envhealth@lakemt.gov

Return the completed application with the \$300.00 permit fee to the above address.

Property Owner LA Brentano Enterprises LLC Email swanlakecabins.com
Mailing Address 27572 Morningwood Ln City Bigfork State/Zip 59911 Phone 406-837-1137
Property Address: same as above City: Bigfork State/Zip 59911
Map 78, Italy #3
Legal Description: Direction _____ Section 19 Township 26 N. Range 18 W.
GEO Code: 3710-19-1-01-01 Tax ID: 16443
Subdivision/COS: COS 5007 Tr. 2 Lot _____ Block _____ Parcel Size 14.66

Wastewater System: (Circle all that apply) New Replacement Enlarged Alteration
Explain: REPLACING EXISTING PERMIT #4231 - CURRENT SYSTEM IS NOT ADEQUATE FOR STRUCTURE

Structure(s): (Circle) Single Family Multi-Family Mobile Home Commercial Garage/Shop Other

Bedroom #: 3 Basement: (Circle) Y N RV Hook-up: (Circle) Y N

Water System: (Circle) Existing Proposed (Circle) Well Lake Spring Community

Water Softener/Treatment units(s) in use or proposing to install: Yes No

General Contractor: Roberto Zavala Phone #: 406-982-3326

Mailing Address: 31823 Zavala Lane City Yellow Bay State/Zip MT

Septic Installer: Roberto Zavala Phone # 406-982-3326

Mailing Address: 31823 Zavala Ln. City Yellow Bay State/Zip MT

SKB

I hereby declare that the information submitted herein is true and completed to the best of my knowledge. I understand that an installation permit must be issued before any system components are installed unless otherwise authorized by a Lake County Registered Sanitarian. I also understand a final inspection and approval of the system must be conducted by Lake County Environmental Health prior to back filling and use of the system. My signature also authorizes access to the described property for purposes of reviewing this application.

Owner(s)/Agent Signature: Ronda C. Brentano

Date: 4/8/13

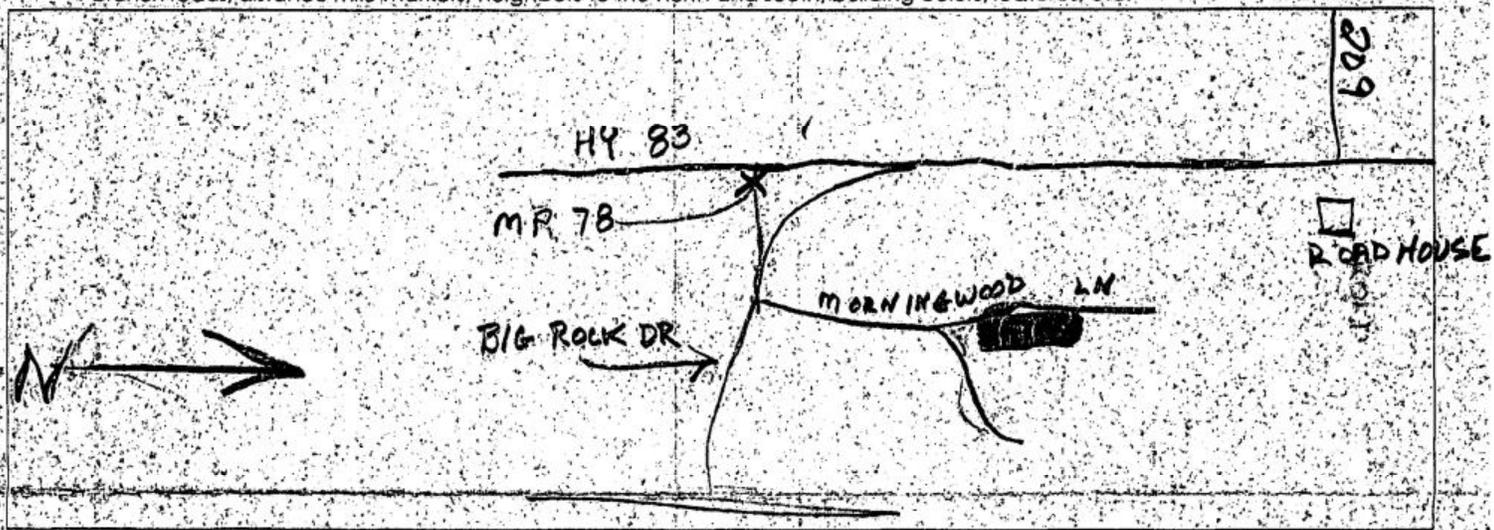
If agent; written authorization from the owner and/or legal representative must be received by this department before the application can be processed.

Please Attach Site Plan With The Following

- a. scale (for example: 1 inch=20 feet)
- b. property lines
- c. a north directional arrow
- d. direction of slope on the property
- e. all streams, lakes, springs, ponds, irrigation ditch and other surface water sources on or within 100 feet of property lines.
- f. existing & proposed structures including basements
- g. all proposed or existing wells, springs, and cisterns on or within 100 feet of property lines
- h. driveways, parking areas
- i. utility lines
- j. any existing septic systems
- k. RV hook-up location, proposed or existing
- l. proposed drainfield area

You must also attach floor plans for each level of proposed and/or existing structures

Location Information: Draw a road map or write directions to the property. Include landmarks, road names, branch roads, distance mile markers, neighbors to the north and south, building colors/features, etc.



OFFICE USE ONLY

Documents Required: (Circle) Level 2 Guest House Easement Shared Affidavit Other

Document notes: TIGHTNESS TEST FOR THE EXISTING 1,000 GALLON SEPTIC TANK

Sanitation Approval: (Circle) Required Completed Not Required ES# 24-94-388-1107

Design Flow - Number of Bedrooms: 3-BED VACATION RENTAL Per Day: 360 gpd

Soil Type: GRAVELLY SILT LOAM Septic Tank: USE EXISTING 1,000 gal ADD 1,000 g.al

Application Rate: 0.4 gpd/ft² x 0.75 Other: MYERS ME 40 pump or EQUIVALENT

Level II system required? Y (N) Reason: REPLACEMENT SYSTEM

System Design: INSTALL THREE 3' x 76' GRAVELLESS CHAMBERED TRENCHES AS PER THE ACCOMPANYING DESIGN AND SPECIFICATIONS. REPLACING PERMIT #4231

Sanitation Approval:

APPROVED FOR ONE 3-BEDROOM VACATION RENTAL/LODGE. EXISTING 1,000 GALLON SEPTIC TANK MUST BE TIGHTNESS TESTED TO ENSURE ITS INTEGRITY. THIS STRUCTURE IS ACKNOWLEDGED AS BEING THE LODGE

Planning Approval: 3589 - Lodge appears to be 2 units currently since 2 stories are connected + used to get into a vacation rental.

Only appear to be a system alteration to address issues. If additional construction or changes to existing structure beyond what is shown on the floor plan is proposed, additional ^{review} and approval by Planning Dept. is required. Applicant is responsible for complying with private covenants, easements, agreements, etc. Planner Initials CMH 5/17/13

Donald E. ... Signature of Registered Sanitarian. 5/17/13 Date of Issue 7813 Permit # 1072 Check #

THE DESIGN, LOCATION, & ORIENTATION OF THE DRAINFIELD MAY NOT BE ALTERED WITHOUT PRIOR APPROVAL FROM LAKE COUNTY ENVIRONMENTAL HEALTH.

APPROVED PERMIT IS INVALID IF SYSTEM IS NOT INSTALLED WITHIN TWENTY-FOUR MONTHS OF ISSUANCE.

LA Brentano Enterprises LLC
27572 Morning Wood Lane
Bigfork, Montana 59911
C.O.S. 5007 - Tract 2 - 14.943 acres
Section 19, Township 26 North, Range 18 West P.M.M.
Geo Code: 15-3710-19-1-01-01-0000
Permit #: 7813

0 55 110 220 Feet

Three bedroom vacation rental/office

An existing 1000-gallon, two-compartment concrete septic tank. This tank must be tightness tested to ensure its integrity. See included form.

A new 1,000 gallon, two-compartment, concrete septic tank to serve also as a pump chamber. Install an effluent filter in the septic portion of the tank to prevent solids from entering the pump chamber. The risers providing access to the effluent filter and the pump must be finished to the surface with secure lids to facilitate maintenance. The lids must be secured to prevent child access with lag bolts, hex head screws, or locking lids.

2" diameter, sch. 40, PVC sewer line connecting the existing 1000 gallon, two-compartment, septic tank to a new 1000 gallon, two-compartment tank. Encase the 2" sewer line in 3" sch. 40 PVC pipe at any point the line may be driven upon.

A 2" diameter, 20' long, sch. 40 manifold.

A 2" diameter, sch. 40, lift line installed to drain back to the pump chamber and/or the drainfield once the pump has shut off.

Three 3' x 76' gravelless chambered trenches, each with 19 sections of 34" x 48" chambers over the 1 1/4" x 75' sch. 40 laterals. Carefully backfill the trench with native material. See the cross-sectional view for construction details. Refer to the pump/siphon specification sheet for hole sizes, separation distances, and lead distances.



LA Brentano Enterprises LLC
27572 Morning Wood Lane
Bigfork, Montana 59911
C.O.S. 5007 - Tract 2 - 14.943 acres
S19, T26 North, R18 West P.M.M.
Geo Code: 15-3710-19-1-01-01-0000
Permit #: 7813

Bedrooms 3
 Wastewater flow 360 gals/day

Number of trenches 3
 Length of trenches 76 feet
 Trench Length in ft 228.00 feet
 Trench width in ft 3 feet
 Total area 684 Ft ^ 2
 Ft ^ / bedroom 228 Ft ^ 2/bedroom
 Application rate 0.53 gals/ft^2/day
 Flow 38 gpm
 Head loss 17 ft

LATERALS AT ELEVATION #1

Highest

Residual head in FT	5.000	ft	
Orifice diameter (Inches)	0.156	5/32	" holes
Flow through orifice	0.643	gpm	
Lateral length	75.000	ft	
Number of orifices	18.750	19.00	
Orifice separation (ft)	4.000	ft	48 Inches
Flow per lateral(gpm)	12.220	gpm	
Number of laterals	1.000		

LATERAL AT ELEVATION #2

Middle

Residual head in FT	6.25	ft	
Orifice diameter (Inches)	0.156	5/32	" holes
Flow through orifice	0.719	gpm	
Lateral length	75.00	ft	
Number of orifices	17.000	17.00	
Orifice separation(ft)	4.410	ft	53 Inches
Flow per lateral(gpm)	12.220	gpm	
Number of laterals	1.000		

LATERAL AT ELEVATION #3

Lowest

Residual head in FT	7.50	ft	
Orifice diameter (Inches)	0.156	5/32	" holes
Flow through orifice	0.788	gpm	
Lateral length	75.00	ft	
Number of orifices	15.510	16	
Orifice separation(ft)	4.690	ft	56 Inches
Flow per lateral(gpm)	12.610	gpm	
Number of laterals	1.000		

Total Flow 37.05 gpm

Velocity in Delivery pipe
 Pipe diameter 2.0670 inches 2" sch. 40
 Velocity 3.5400 ft/sec.

ORIFICE PLACEMENT

LATERAL #1	Lead dist	24 inches
LATERAL #2	Lead dist	27 inches
LATERAL #3	Lead dist	42 inches

PUMP CYCLE

Total lateral length	225.00 ft			
Lateral diameter	1.38 inches	1 1/4" sch. 40		
Gallons per dose	87.00 gal	5	X lateral volume	
Delivery line diameter	2.067 inches	Manifold Diameter	2.067 inches	
Delivery line length	50.00 ft	Manifold length	20.00 ft	
Volume in delivery line	9.00 gallons	Volume in manifold	3.00 gallons	

Minimum dose 99.00 gallons Suggested dose 117.00 gallons

Float separation setting	gallons/inch	minimum float separation	Suggested float separation
Glacier 1500	10.50	10.00 inches	12.00 inches
Glacier 2250	17.50	6.00 inches	7.00 inches
Flathead 1500 standard	10.00	10.00 inches	12.00 inches
Flathead 2000	11.00	9.00 inches	11.00 inches

PUMP HEAD

Static Head		Dynamic Head	
Elevation	5 ft	Hazen-Williams	150
Pump to tank top	5 ft	Friction loss fittings	1.25 %
Residual at drainfield	5 ft	Manifold head loss	0.06 ft
Head loss across valve	0 ft	Dynamic head	1.43 ft
Total static head	15 ft	Total dynamic head	1.49 ft
Total head loss	16.49 ft		

Install a pump that produces 38 gpm
At a total dynamic head of 17 feet

Pump run time @ suggested float setti	3.08 minutes
Net dose (delivered to the drainfield)	108.00 gallons
Pump cycles per day at net design flow	3.33
ft^2 trench bottom / orifice	13.15 ft^2

A final inspection including a successful squirt test is required to receive a Use Permit. No newly installed, altered, replaced, or repaired system can be used without a Valid Use Permit. It is the responsibility of the Wastewater System Installer to contact our office 48 hours prior to needing a final inspection.

Systems installed without chambers must have all of the holes turned up for the squirt test. Upon a successful final inspection the holes must be turned down and the laterals glued in place.

Chamber systems are to have two holes turned up and every third hole down to facilitate drainage once the discharge cycle has been completed. Unless the down hole is discharging into gravel a splash plate must be installed on all down holes to prevent soil boring.

Add Pumping Chamber and 3' to Existing Drainfield

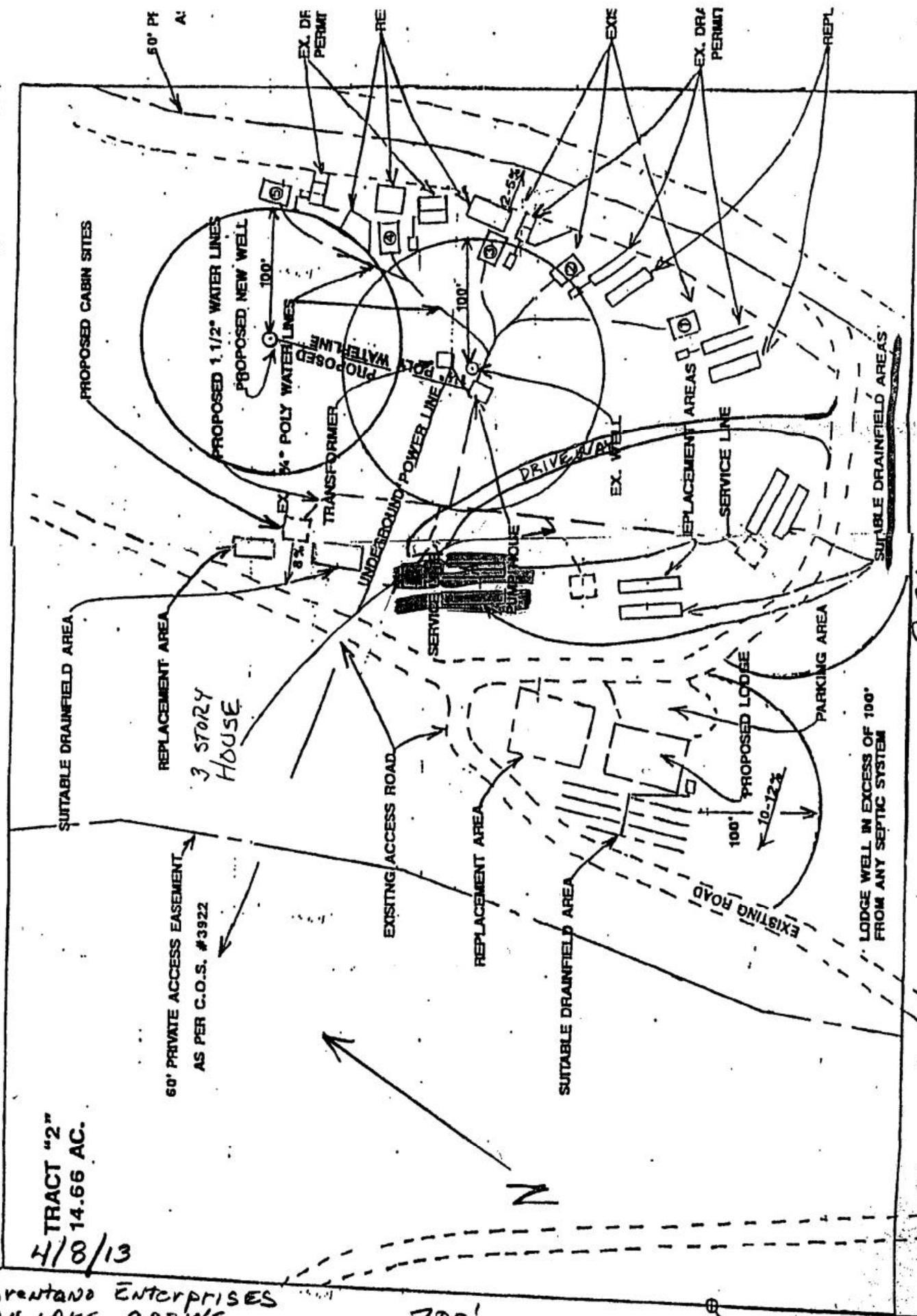
TRACT "2"
14.66 AC.

4/8/13

LA Brentano Enterprises
SWAN LAKE CABINS
27572 MORNINGWOOD LN BIGFORK

700'

SITE PLAN



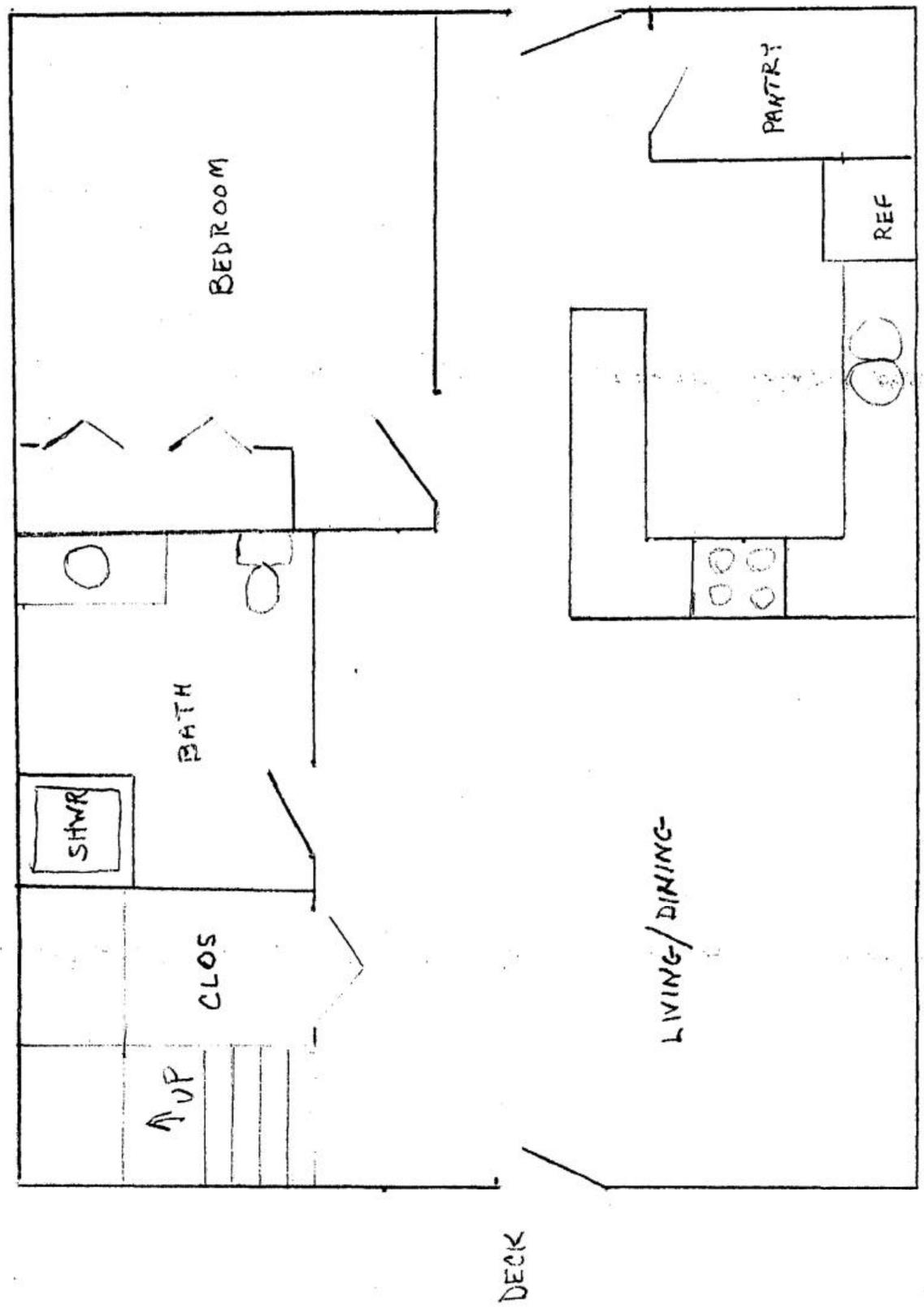
NOTE: WATER SERVICE LINES ARE 3/4" POLY PIPE

912'

1" = 100'

27572 MDKING-WOOD LANE
BIGFORK MT 59911

1/4 = 1

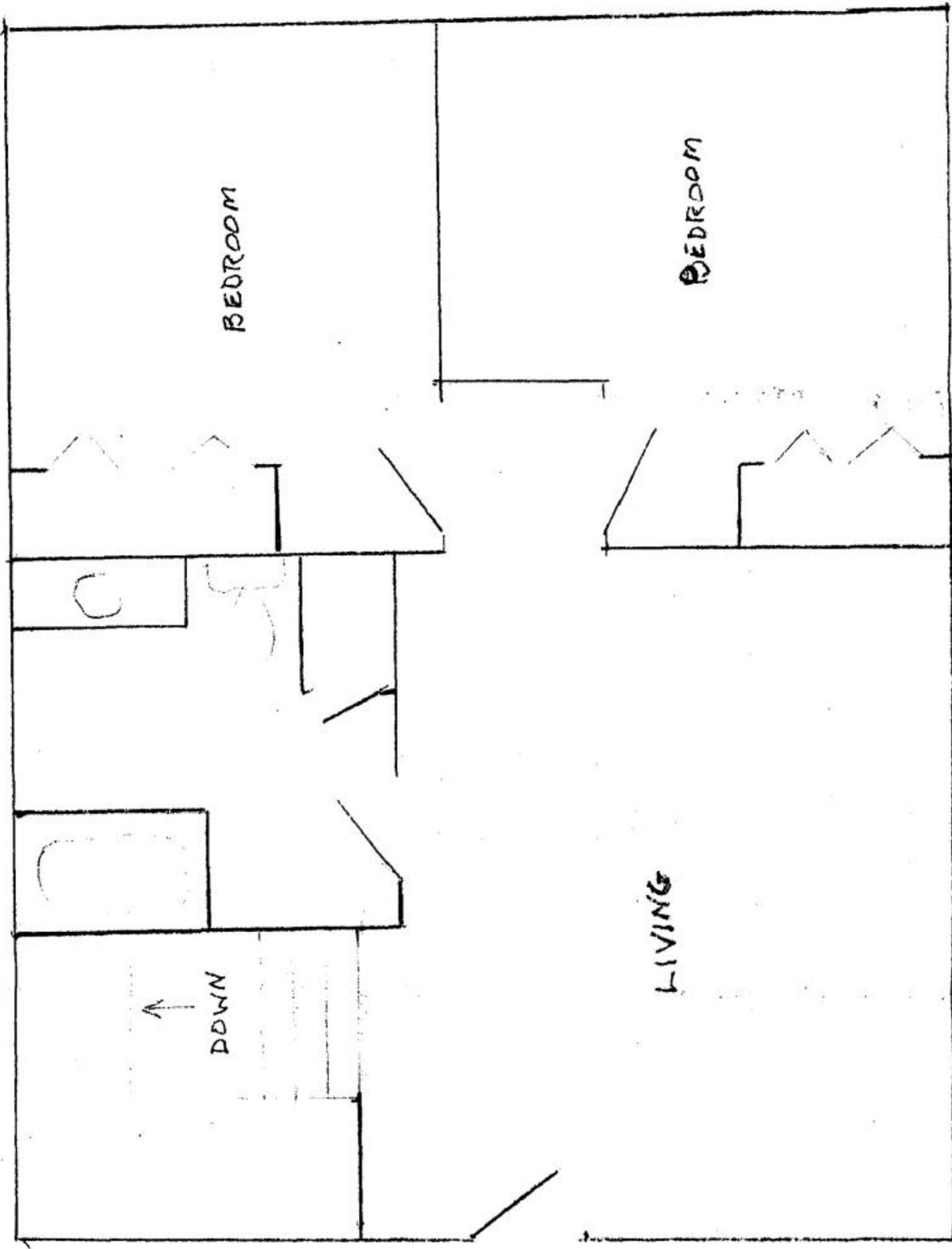


LA BRENTANO
SWAN LAKE CABINS

MAIN FLOOR

27572 MORNING WOOD LANE
BIGFORK MT 59911

1/4 = 1

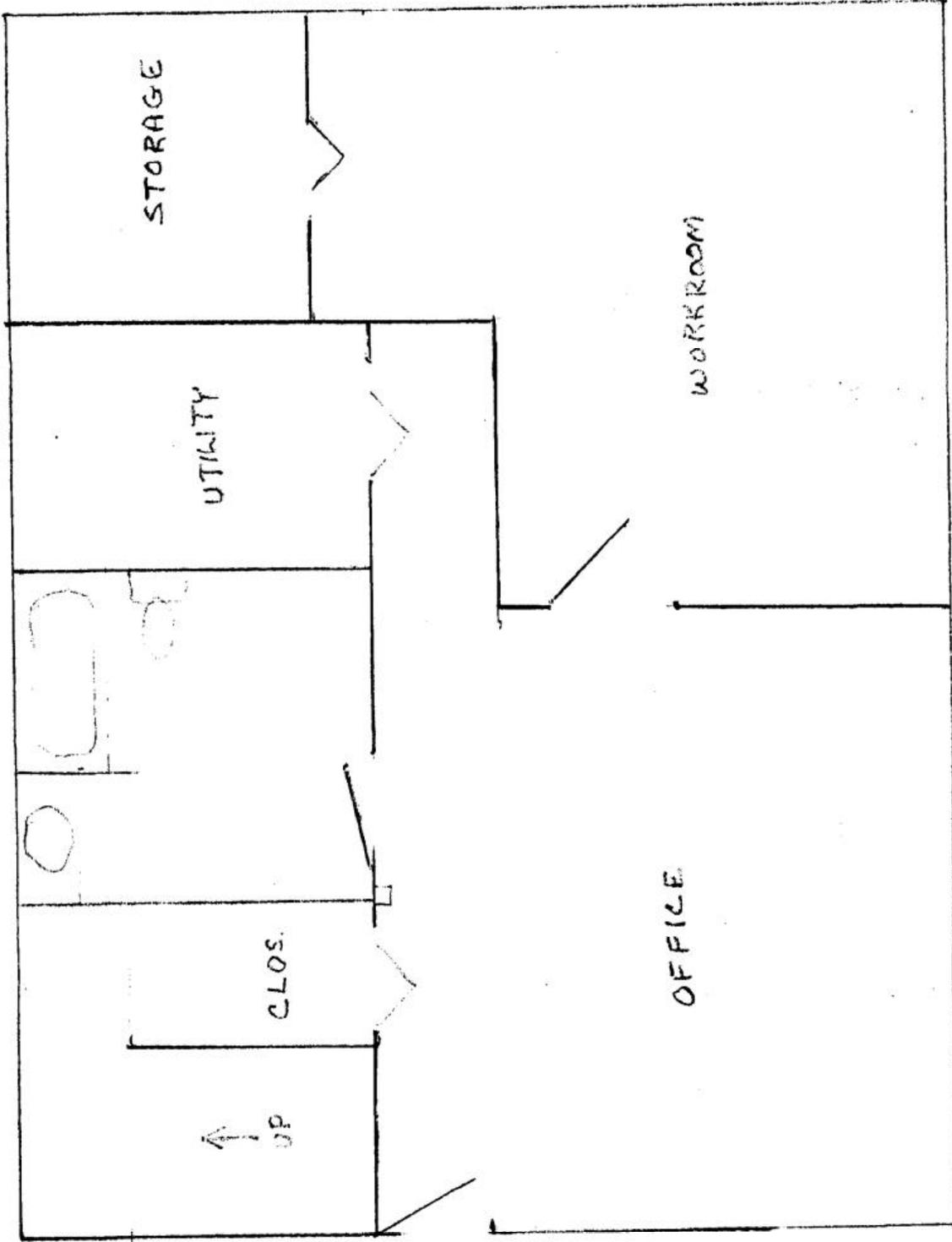


LA BRENTANO
SWAN LAKE CABINS

TOP FLOOR

27572 MORNINGWOOD LANE
BIG FORK MT 59911

1/4" = 1'



LA BRENTANO
SWAN LAKE CABINS

BOTTOM FLOOR



LAKE COUNTY ENVIRONMENTAL HEALTH

106 FOURTH AVENUE EAST
POLSON, MT 59860-2175

PH: 406-883-7236 FAX: 406-883-7205
Email: envhealth@lakemt.gov

**TANK WATER-TIGHTNESS TESTING
AND
CERTIFICATION**

Any holding tank, multi-user system tank, public wastewater system septic tank, commercial septic tank, or any tank to be reused may require tightness testing as part of the wastewater treatment system Installation and/or Use Permit. See Circular DEQ4, Chapter 7.3. The testing described below is for water-tightness testing. Pressure and vacuum tightness testing are less common; see procedure in Circular DEQ4.

The test must be completed by a Lake County Licensed Wastewater Treatment System Installer, a Montana Licensed Professional Engineer, a Montana Registered Sanitarian, or Montana Licensed Septage Pumper. The results must be submitted to the department on this form.

The procedure for a water-tightness test is as follows:

1. If the tank is not already full, fill it to full, operational capacity using water.
2. Discontinue ALL water use on the system until the test is completed.
3. Remove the tank lid or other opening to the tank.
4. Place a dry stick vertically into the opening until it hits the bottom of the tank.
5. Accurately measure and record the water level on the stick.
6. Allow the filled tank to sit a minimum of eight (8) hours or overnight with NO water use.
7. Accurately measure and record the water level on the stick.

For a new concrete tank, an acceptable measurable loss is considered less than two (2) inches per Circular DEQ4. For existing tanks, there should be virtually no loss.

Tank Water-Tightness Test Report

(Use one form for each tank tested)

Date: 5/23/13 Test Conducted by: Roberto Zavala

Property Owner(s) LA Bentano Enterprises LLC

Property Legal Description COS 5007 Tr 2

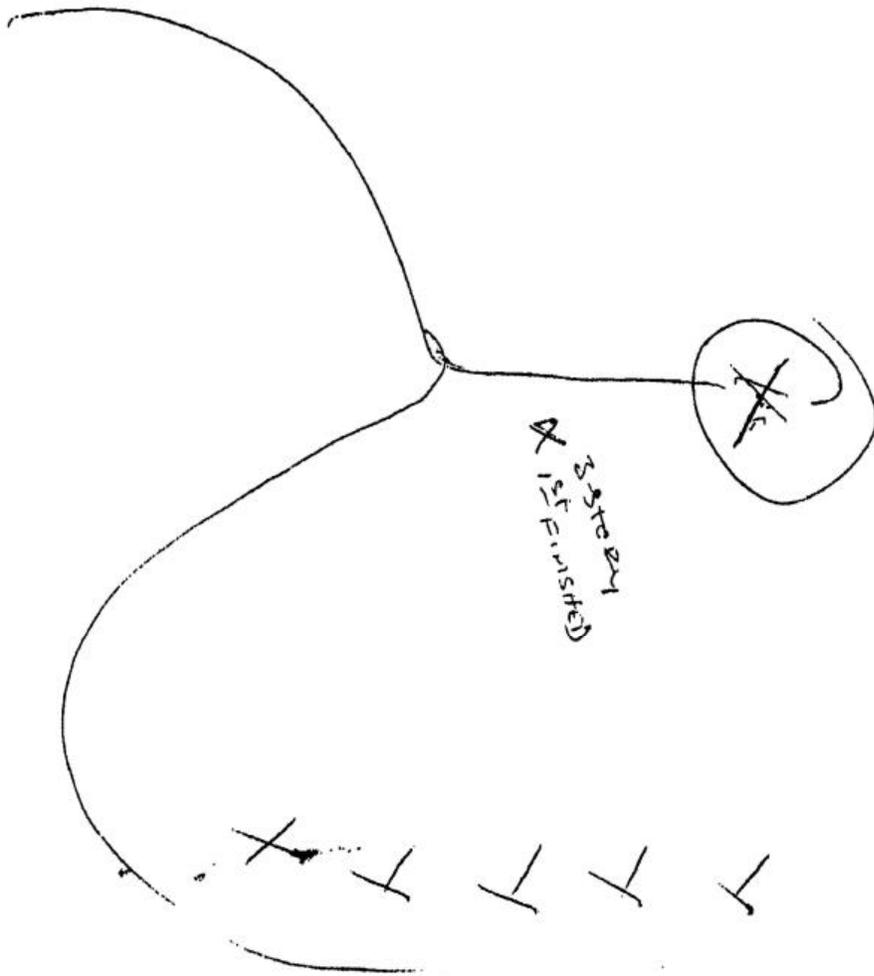
Tank Description (location, size, construction material) _____

(Tank Water Level at Beginning of Test 45") - (Tank Water Level at End of Test 45") = Drop 0 "

I certify that the above test was completed per the instructions and accurately reported.

Roberto Zavala
Signature of Person Conducting Test

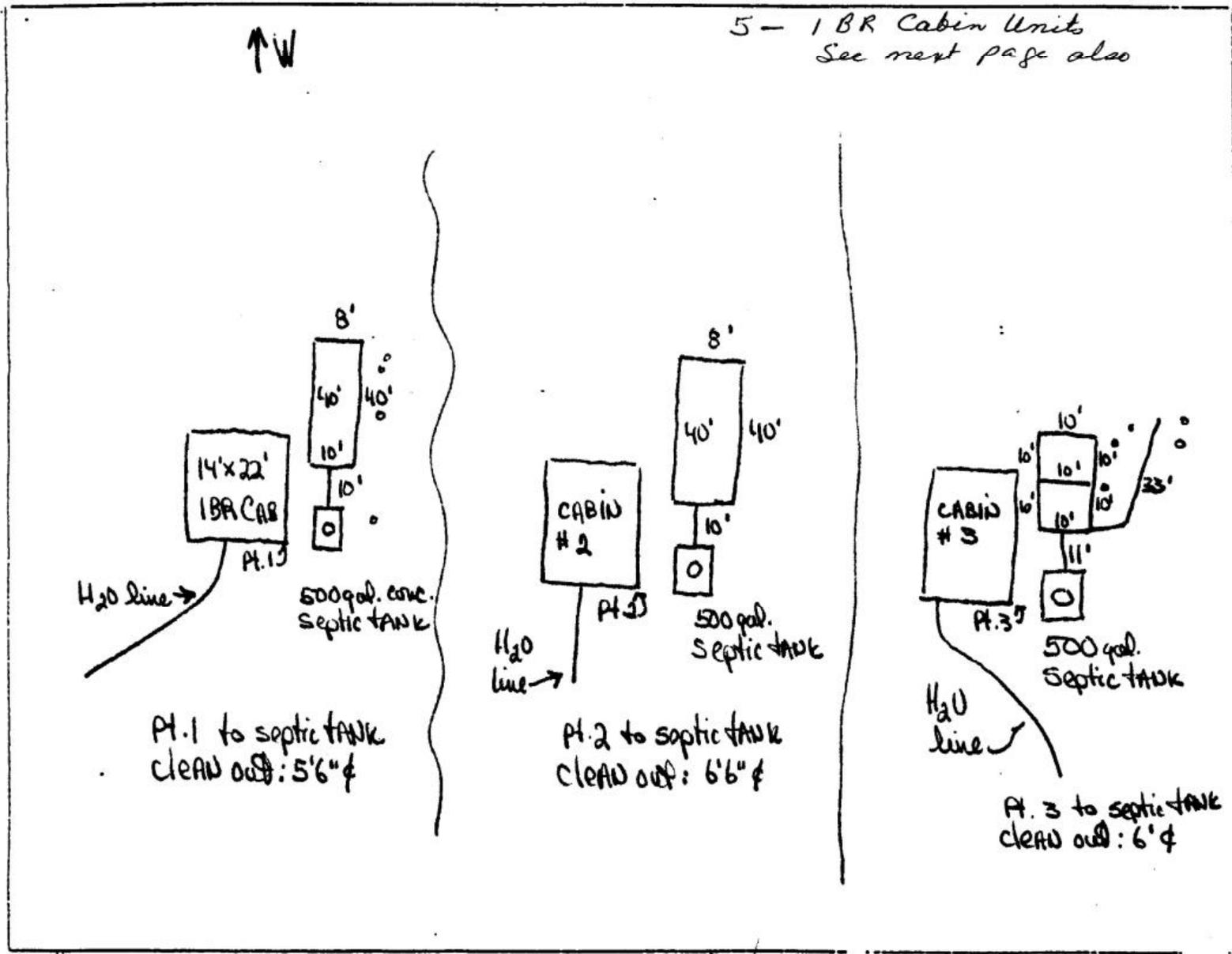
very permit
wells



LAKE COUNTY BOARD OF HEALTH
INSPECTION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND USE PERMIT

Property Owner JACK PETTY
 Address 7200 HWY 2B Columbia Falls.
 Phone No. 857-2724 892-5363
 General Property Location NW 1/4 19-26-18
 Permit No. 1729-A
 Contractor C/O owner Contractor License No. _____

INSPECTION SKETCH



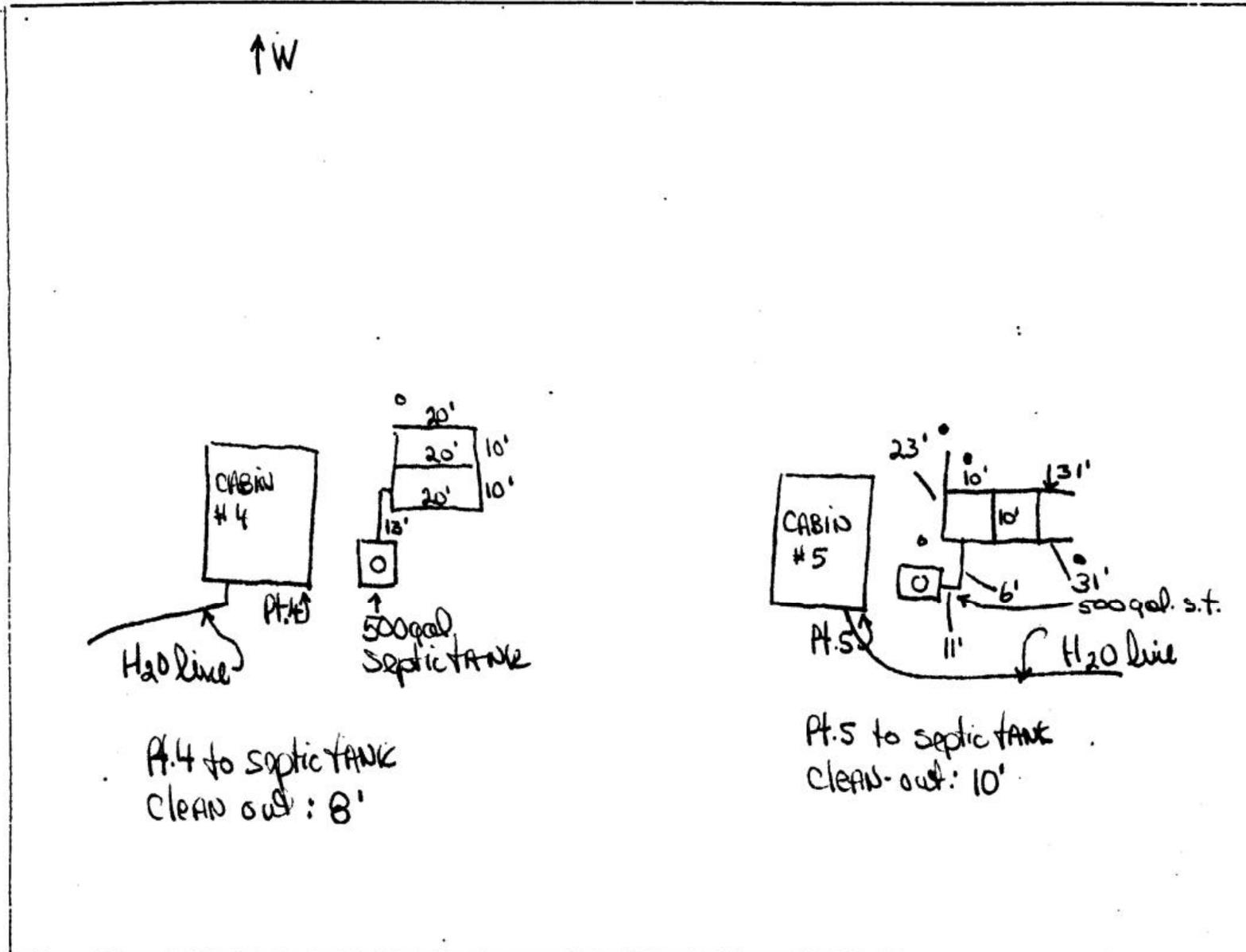
Is system installed according to approved pre-sketched Yes X No _____
 Inspected by Al Haveluh Date 6/16/90
 (Sanitarian)
 Signature of Applicant or Authorized Agent _____

67 ✓

LAKE COUNTY BOARD OF HEALTH
INSPECTION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND USE PERMIT

Property Owner JACK PETTY
 Address 7200 HWY 2B Columbia Falls
 Phone No. 857-2724 892-5363
 General Property Location NWY4 S. 19 T 26 N R 18 W
 Permit No. 1729-A
 Contractor Go Newer Contractor License No. _____

INSPECTION SKETCH



Is system installed according to approved pre-sketch? Yes _____ No _____

Inspected by *Al Shauvalah* (Sanitarian) Date 6/16/90

Signature of Applicant or Authorized Agent _____

APPLICATION FOR LAKE COUNTY INDIVIDUAL
SEWAGE DISPOSAL SYSTEM INSTALLATION PERMIT

Property owner JACK Petty
Legal Description NW 1/4 S. 19 T. 26 N. R. 18 W
General Description S.E. of Terrace Supper Club SWAN LAKE
Address 7200 HWY 28 Columbia Falls, MT Phone No. 857-2729
Size of Parcel > 70 AC 59912 892-5363
Application is for replacement X new sewage disposal system.
Proposed dwelling 5 - 1BR CABIN units
Are any land use regulations in effect? Yes No X
Does proposed dwelling conform to land use requirements? Yes X No
Contractor owner License No.

PROPOSED SYSTEM

Proposed or existing water supply drilled well
Size of proposed septic tank 500 gal covered septic tank for each 1BR CABIN
Soil type in area of proposed drainfield silty loam
Percolation test results
Absorption area proposed
Type of absorption area proposed 2-50' LATERALS with 12" of gravel below
the drain tile

Pre-sketch of proposed system layout - (use back of application; show property lines distance to wells, streams, irrigation ditches, lake, etc. percent and direction of slope).

I hereby declare that the information submitted herein is true and complete to the best of my knowledge. I understand that a final inspection of the approved system must be conducted by the Lake County Health Department.

Applicant or Authorized Agent Date 10/21/89
X Approved Disapproved 60⁰⁰ Due Permit No. 1729-A

[Signature]
Health Officer or Supervising Sanitarian
883-6211 Ext. 263

* Approved permit invalid if system is not installed within six (6) months of issuance.

October 2, 1989

Jack Petty
7200 Hwy 2B
Columbia Falls, Montana
59912

Dear Mr. Petty,

Enclosed are the schematics representative of the waste disposal systems approved for installation for the 5- 1-bedroom recreational cabins. Each cabin is to have a sewer system consisting of a 500 gal concrete septic tank and a 100 foot drainfield. Refer to the schematics for the various distribution systems and lateral dimensions.

The permit fee of \$60.00 should be paid prior to the work on the sewer system. If you are paying by check make the check payable to the Lake County Treasurer and mail it to us for processing.

The sewer system must be inspected by us prior to their covering. Schedule us to look at several of them at an inspection.

Should you have any further questions on these requirements please feel free to call me.

Respectfully,

Albert M. Hawkaluk R.S.
Lake County Land Services

AMH/vhd
encl: Pre-sketch;sewer

LAKE COUNTY LAND SERVICES

PLANNING AND SANITATION

106 Fourth Avenue East
Polson, Montana 59860-2175
Telephone 406-883-6211

June 22, 1990

Jack Petty
7200 Hwy 2B
Columbia Falls, Montana
59912

Dear Mr. Petty;

Enclosed are the final inspection sketches of the sewage disposal facilities installed for the five recreational cabins. The Lake County Sewage Disposal System Regulations permit a property owner or his work crew to install a sewer on the owners property. The installation must conform with the specifications set forth on the permit. Your backhoe operator installed three sewer systems in conformance with the permit specifications. The other two did not adhere to the approved design criteria. In the future should there be a need to relocate revise or alter a sewer system from the original approved design for whatever reason this department must be consulted prior to any change orders.

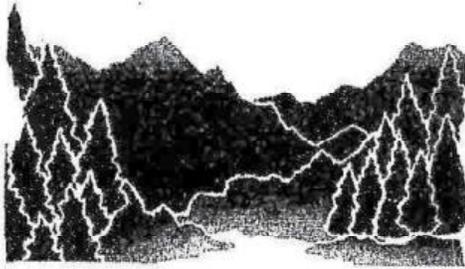
Also each cabin must have rain gutters installed on the side facing the drainfield to catch rain and snow melt runoffs so it can be diverted away from the drainfield sites.

Sincerely,

Albert M. Hawkaluk R.S.

AMH/vhd
encl: Inspection sketches No. 1729





LAKE COUNTY ENVIRONMENTAL HEALTH
106 FOURTH AVENUE EAST
POLSON, MT 59860-2175

PH: 406-883-7236 FAX: 406-883-7205
Email: envhealth@lakemt.gov

July 2, 2015

Linda Brentano
LA Brentano Enterprises, LLC
Dba Swan Lake Cabins
27572 Morning Wood Lane
Bigfork, Montana 59911

RE: Swan Lake Cabins
Certificate of Survey #5007 – Tract 2
14.66 Acres
GeoCode: 15-3710-19-1-01-01-0000

Ms. Brentano:

Thank you for meeting with me on the above-reference property. The purpose of the meeting and this letter is to address those issues raised in a September 26, 2011 letter from this Department and the Lake County Planning Department. You had requested clarification in your letter dated May 28, 2015 as attached to this letter.

As outlined previously, the controlling documents regarding development of the property are:

1. Certificate of Subdivision Approval (COSA) E.S.# 24-94-S88-1107
2. Lake County Wastewater Treatment System Use Permits
3. Lake County Density Map and Regulations
4. Montana Public Accommodation License #305487

CERTIFICATE OF SUBDIVISION APPROVAL (COSA)

The COSA was issued in 1994 for Certificate of Survey #5007 by the Montana Department of Health and Environmental Sciences, now the Montana Department of Environmental Quality (MDEQ). State law requires that any parcel to be created that is less than twenty acres have review and approval for water supply, wastewater treatment, stormwater management, and solid waste facilities. The resulting Certificate of Subdivision Approval is a legal document that is filed with the survey and includes a layout of property development. Development must be as per this document unless the document is revised through application to the MDEQ. Such application typically requires the services of an environmental consultant to prepare the information required.

17 Septic Permits - Now?

Per the COSA, the property is approved for commercial purposes that include nine guest cabins and a lodge. The above development is consistent with the COSA requirements for a total of six cabins and one lodge.

Water Supply System

According to the COSA, the "water system will consist of a well drilled to a minimum depth of 25 feet constructed in accordance with the criteria established in Title 16, Chapter 16, Sub-Chapters 1, 3, and 6 ARM and the most current standards of the Department of Health and Environmental Sciences to be used by the proposed nine cabins, and the lodge." The COSA application is clear that the development will not serve more than 24 people for sixty days out of a calendar year; the limitation is to avoid status as a public water system as defined by the MDEQ.

The water system design report indicated that development was to be served by three wells: two wells were to supply the multi-user water system for the cabins; one well was to serve the lodge. There are currently only two wells on the property, of which the original well is being utilized while the second well has not been brought on-line due to the fact that the existing well is providing sufficient capacity. While the existing water system is not as proposed in the water system design report, it is in compliance with the COSA and the development is not serving more than 24 people for sixty days out of a calendar year.

Wastewater Treatment Systems

The development is served by seven wastewater treatment systems that have been permitted by the Lake County Environmental Health Department on three Use Permits:

Permit #1729A	Five one-bedroom cabins
Permit #4262	Sized for a one-bedroom cabin with no kitchen facilities
Permit # 7813	Sized for a three-bedroom vacation rental/lodge. (Replaced Permit #4231)

Public Accommodation License

The public accommodation license is issued by the Montana Department of Public Health and Human Services and administered by the Lake County Environmental Health Department. The property is currently licensed for five hotel/motel units and three tourist homes. The license is not transferrable to a new owner. A new owner must apply to the Lake County Environmental Health Department for a new license, and all standards for licensure must be met.

Lake County Density Map

The Lake County Density Map and Regulations were adopted by the Board of Lake County Commissioners on October 1, 2005. All property development after that date must comply with the density allowed under this zoning. On the Density Map this property is located within a 10-acres per unit development density region. The lot can be developed with a "unit" in compliance with the density designation. The Density Regulations defines a "unit" as "any structure, building or portion thereof, including businesses within a larger structure, which is intended or designed for human occupancy and/or use and is supplied by water by a piped system." The definition goes on to state "all units shall comply with local and state sanitation requirements." A copy of the Lake County Density Map and Regulations is available at the Lake County Planning Department or at the following website:

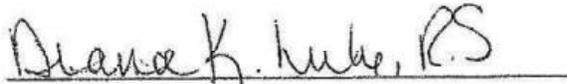
http://www.lakecounty-mt.org/planning/Lake_County_Density_Map.html

The property is currently developed with seven units, all of which appear to be constructed prior to the adoption of the Density Map and Regulations according to cadastral information provided by the Montana

Department of Revenue. Since the number of units that currently exists on the parcel exceeds the density designation for the property, the property is considered to be non-conforming.

The Density Regulations do not prohibit the use of the existing development, so the use of the units as they currently exist may continue. Expansion of the facility in the future, based on the current regulations, would likely be limited unless existing units were converted or expanded or structures were built that were not connected to piped water supplies.

Please contact us if you have questions on the above evaluation of the Swan Lake Cabin property.



Diana Luke, R.S., Director
Lake County Environmental Health Department



LaDana Hintz, Planner
Lake County Planning Department

Enc: MDEQ Certificate of Subdivision Approval
Lake County Wastewater Treatment System Permits
MDPHHS Public Accommodation License