LINCOLN COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH
WASTEWATER TREATMENT AND DISPOSAL SYSTEM PERMIT

Issue Date: 06/07/2023 Expiration Date: 06/06/2024

Property Owner: Steve and Melissa Fernald

Mailing Address: [redacted]

Telephone: E-mail:

Installer: Licensed Septic Installer License #:

Approved Work: (Check One) ☒ New Installation ☐ Existing System

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of gravity system with chambers and 4 laterals @ 64'.

Parcel Description:

Legal: UPHAM BEACH, S32, T29 N, R33 W, LOT 16W, ACRES 1.37, CS 4902

Property Address: 18593 Bull Lake Rd Troy, MT 59935 Assessment Code: 5867

DEQ COSA: Date:

Approved Design Criteria: The lot layout is specific and will require the property to be staked and a pre-inspection site visit($150) before construction begins. The well location, drainfield (Replacement and Primary) location, and drainfield orientation are critical and must match lot layout.

# of Bedrooms: 2 Septic Tank Size: 1000 gallons Trench Width: 24"

# of Laterals: 4 Length of Laterals: 64' Trench Depth: 24"-36"

SYSTEM MUST INCLUDE INSTALLATION OF EFFLUENT FILTER AT SEPTIC TANK OUTLET!!

Special Instructions: Install system according to the COSA, lot layout, the Lincoln County Wastewater Treatment and Disposal Regulation, and Circular DEQ-4. It is the installer's responsibility to ensure that all required horizontal setbacks are met. CHANGES MUST BE PRE-AUTHORIZED BY THE DEPARTMENT.

Issued By: *Robin Blumberg, S97*

NOTICE: The Department must be notified at least 3 business days (72 hours) prior to backfilling the system. Call 406-283-2442. Any system not inspected by the Department or its designated representative prior to closure is an illegal installation in violation of Lincoln County Health Board Regulation Ch. 3.A reduction for chambers was given. Illegal installations may result in fines and/or requirements to remove or reconstruct

Closure Statement:

This system is in compliance with the approved design criteria and Lincoln County's Wastewater Treatment and Disposal Regulation.

Signed: _____ *Date:* 8/10/23

DISCLAIMER

This permit is not a guarantee by the Department that the system will function properly for a prescribed period of time.

SV

LINCOLN COUNTY, MONTANA

LOT LAYOUT

LOT 16E, UPHAM BEACH
COS 4902
SECTION 32, TWP. 29 N.,
R. 33 W., P.M.M.
FOR: MELISSA AND STEVE FERNALD
DATE: MAY 2023

NO KNOW POTENTIAL SOURCES OF CONTAMINATION WITHIN 500' OF PROPOSED WELLS EXCEPT FOR THE PROPOSED AND EXISTING DRAINFIELDS

NO WELLS OR DRAINFIELDS OR MIXING ZONES WITHIN 100' OF LOT BOUNDRY LINES EXCEPT WHERE NOTED

PROPOSED BUILDING SITES ARE CONCEPTUAL IN NATURE. THIS LOT LAYOUT IN NO WAY PRESENTS A REGULATORY DOCUMENT FOR PROPOSED BUILDINGS SITES.

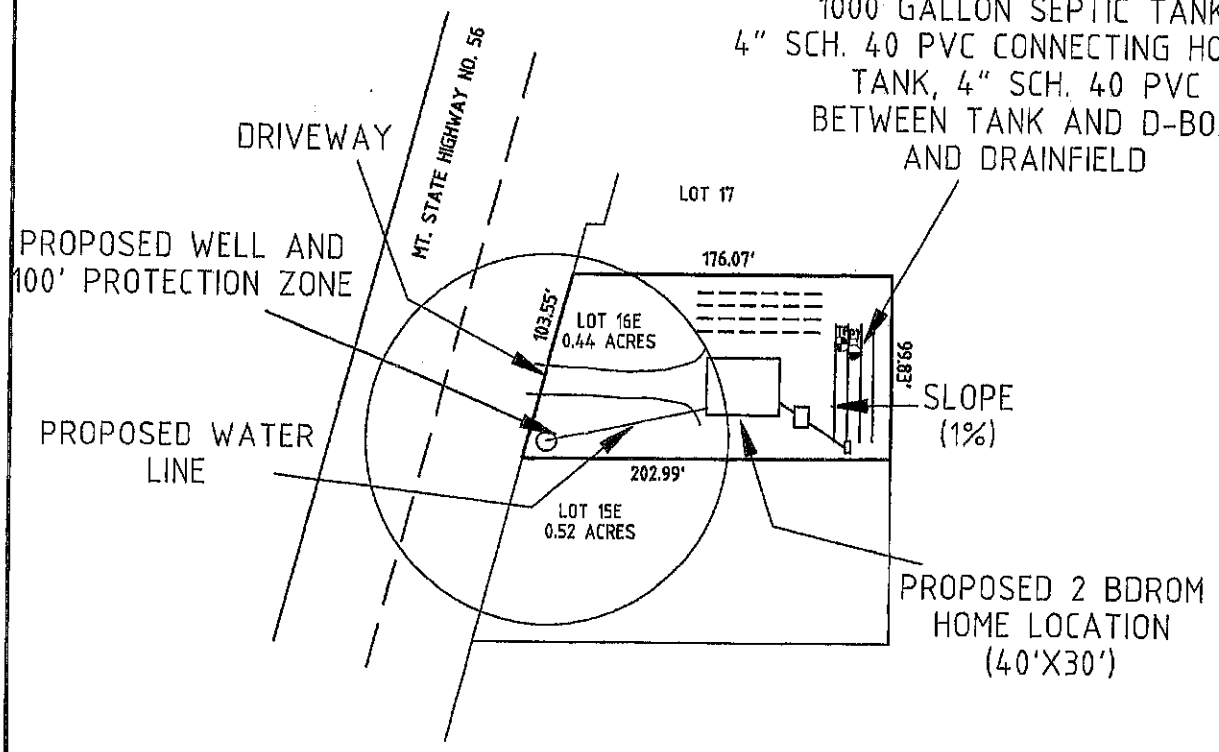
64

LEGEND

- PROPOSED PRIMARY DRAINFIELD 4-60' x 24" TRENCHES 7' APART
- PROPOSED REPLACEMENT DRAINFIELD 4 70' x 24" TRENCHES 7' APART
- TP — SOIL PROFILE
- PT — PERCOLATION SITE
- (W) — WELL SITE (PROPOSED)
- SLOPE

DRAINFIELDS ARE STANDARD GRAVITY FED ABSORPTION TRENCHES USING 24" CHAMBERS (10% REDUCTION IN LENGTH)
SEE CIRCULAR DEQ 4 FOR TRENCH CONSTURCTION DETAILS

PROPOSED DRAINFIELDS,
1000 GALLON SEPTIC TANK,
4" SCH. 40 PVC CONNECTING HOME TO TANK, 4" SCH. 40 PVC BETWEEN TANK AND D-BOX AND DRAINFIELD



SCALE
100' 0 100'
1" = 100'

DAVIS SURVEYING, INC.
TROY, MT. 406.295.5441

DATE: 04/30/2023
DRAWN BY: KD, PhD

FILE: FERNALD_LOT_LAYOUT