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

Issue Date: 05/13/2025 Expiration Date: 05/12/2026 Permit# 25-7306

Property Owner: David Hierl

Mailing Address: [redacted]

Installer: Cory Burk License #: 213

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new pressure dosed system for 4 Bedroom House.

Parcel Description:

Legal: GATEWAY VILLAGE UNIT 2, S03, T37 N, R27 W, LOT 5, ACRES 5.028, PM 5524

Property Address: Sherman Drive, Eureka, MT 59917 Assessment Code: 7306

DEQ COSA: EQ# 96-1358 356K Date: 12/27/95

Approved Design Criteria: Installation of new pressure dosed system for 4 Bedroom House with 2 Laterals @ 60' with reduction for chambers.

# of Bedrooms: 4 Septic Tank Size: 1500/500 gallons Trench Width: 36"

# of Laterals: 2 Length of Laterals: 60' 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. Reduction given for chambers. 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, R.S.*

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. Illegal installations may result in fines and/or requirements to remove or reconstruct the system.

Closure Statement:

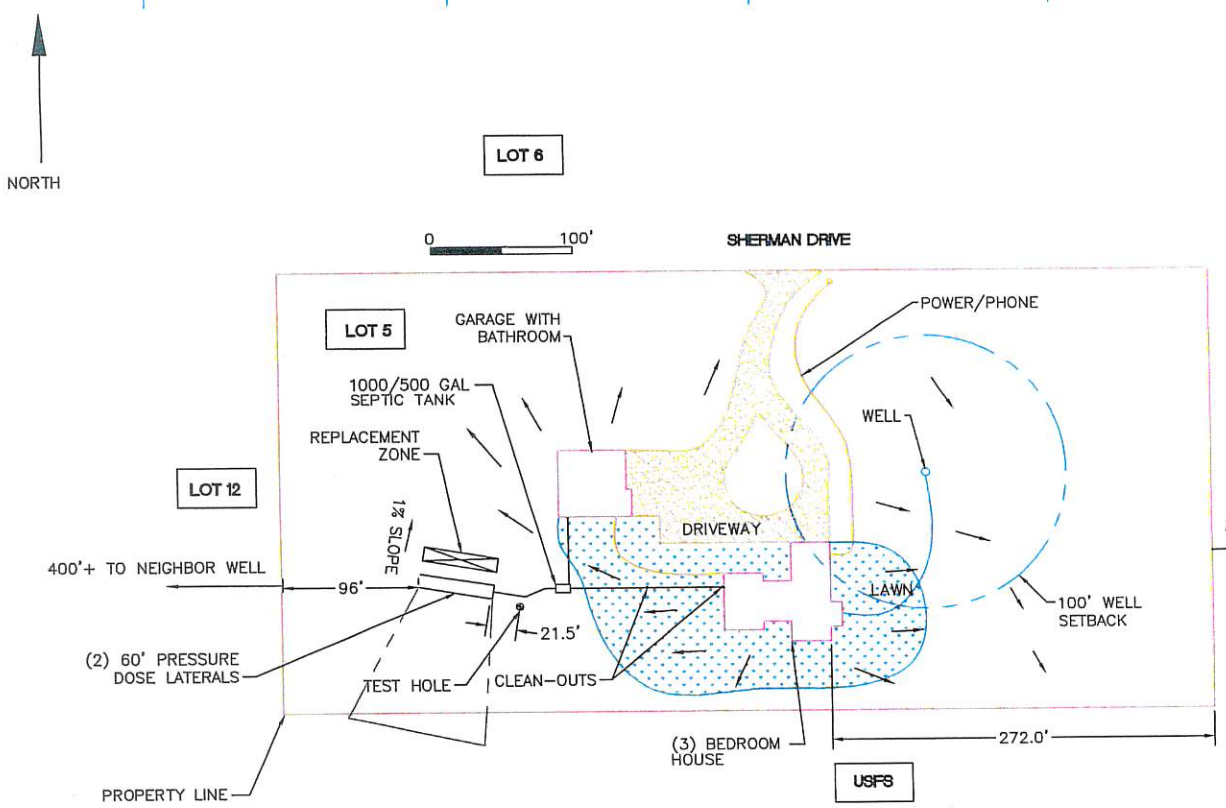
This system is in compliance with the approved design criteria and Lincoln County's Wastewater Treatment and Disposal Regulation.

Signed: _____ *Date:* _____

_____ Lincoln County Health Department (LCHD) _____ Licensed Installer w/ approval of LCHD

This permit is not finalized until the system is inspected and the closure statement is signed.

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



DRAINFIELD SIZING

65 LF/BEDROOM PER COSA
(4) BEDROOM= 260 LF
APP RATE FOR THIS SIZING IS ~0.75
25% REDUCTION FOR CHAMBERS
260 LF X 0.75= (3) 68' LATERALS

PRESSURE DOSE DRAINFIELD

(4) BEDROOM= 350 GPD
350 GPD/0.75 APP= 467 SQFT
467 SQ FT/3' CHAMBERS= 156 LF
REDUCTION FOR 0.75 APP= 25%
156' X 0.75= 117 LF
(2) 60' LONG PRESSURE DOSE LATERALS

LOT 5

5.028 ACRES
SHERMAN DRIVE
S03, T37N, R27W, GATEWAY VILLAGE UNIT 2
ASSESSMENT #0000007306
GEO 56-4928-03-2-01-09-0000

DAVID AND PATRICIA HIERL LOT LAYOUT

DSHE
SCHMIDT HAULING & EXCAVATION
HIERL SEPTIC PERMIT
SITE LAYOUT
7/11/23
401-001