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

Issue Date: 11/20/2025 Expiration Date: 11/19/2026 Permit#25-6749

Property Owner: Tamara and Ronny Cotton

Mailing Address: [redacted]

Installer: DJ Welch License #: 155

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new gravity system for 3 Bedroom House. **Existing drainfield to be abandoned.**

Legal: S35, T32 N, R34 W, COS 3865, Parcel A, acres 2.026

Property Address: 2234 River Rd., Troy, MT 59935 Assessment Code: 6749

DEQ COSA: E.Q.# Date:

Approved Design Criteria: Installation of new gravity system for 3 Bedroom House with 2 Laterals @ 94'. **Existing drainfield to be abandoned.**

# of Bedrooms: 3 Septic Tank Size: 1000 Trench Width: 24"

# of Laterals: 2 Length of Laterals: 94' Trench Depth: 24"-36"

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

Special Instructions: Install system according to the lot layout, the Lincoln County Wastewater Treatment and Disposal Regulation, Circular DEQ-4, and COSA(If Applies). 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, RS*

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:* _____

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.

LINCOLN COUNTY, MONTANA

LOT LAYOUT

PARCEL A, ACRES 2.026

SECTION 35, TWP. 32 N.,
R. 34 W., P.M.M., C.O.S. 3865
FOR: TAMARA AND RONNY COTTON

DATE: SEPTEMBER 2025

NO KNOWN POTENTIAL SOURCES OF CONTAMINATION
WITHIN 500' OF EXISTING WELL
EXCEPT FOR THE PROPOSED AND EXISTING DRAINFIELDS, SHOWN OR UNSHOWN

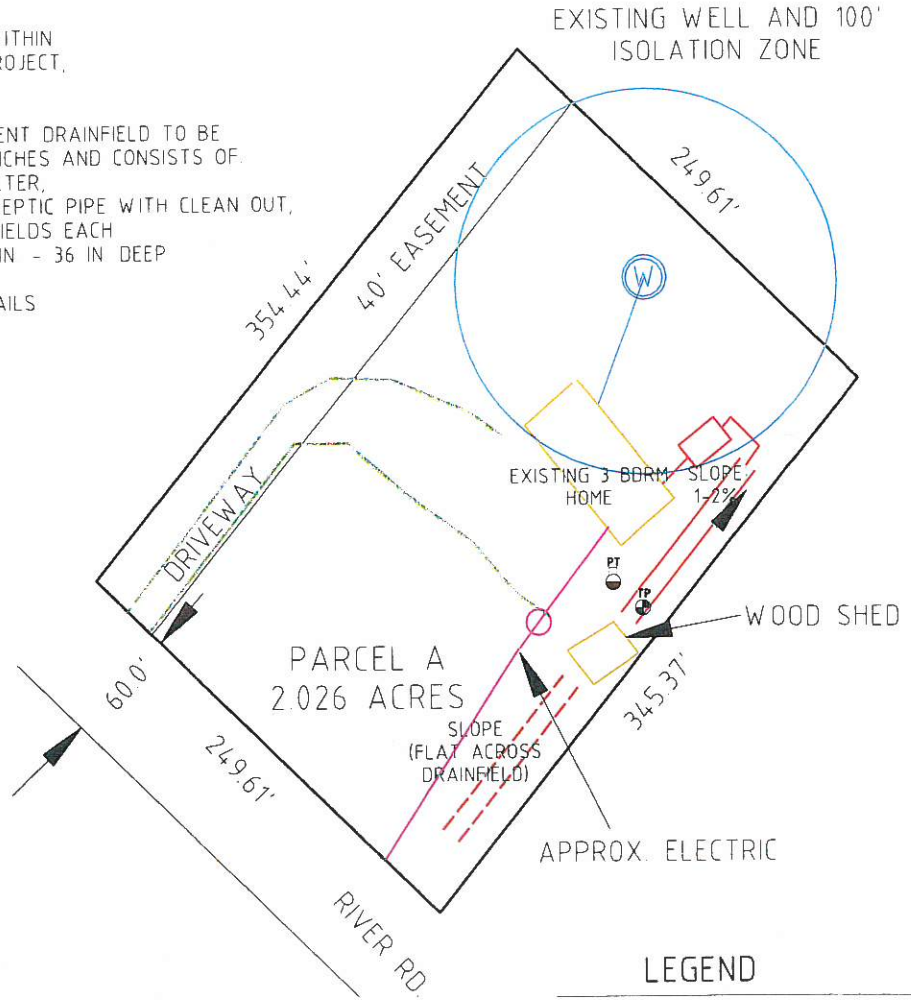
NO WELLS, DRAINFIELDS OR
MIXING ZONES WITHIN 100' OF
LOT BOUNDRY LINES, EXCEPT AS
NOTED

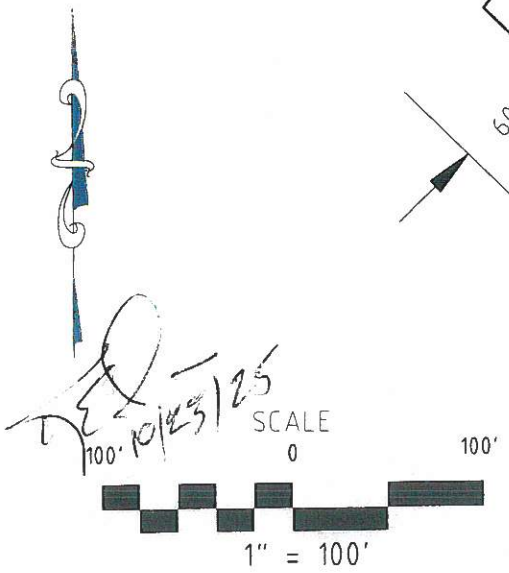
NO LAKES, IRRIGATION
DITCHES, WETLANDS, OR SPRINGS WITHIN
100' THE LOTS INVOLVED IN THIS PROJECT,
EXCEPT AT NOTED

PROPOSED PRIMARY AND REPLACEMENT DRAINFIELD TO BE
SAND-LINED, PRESSURE-DOSED TRENCHES AND CONSISTS OF:
1500 GALLON SEPTIC TANK WITH FILTER,
2" PVC SCH 40 PRESSURE RATED SEPTIC PIPE WITH CLEAN OUT,
PRIMARY AND REPLACEMENT DRAINFIELDS EACH
100 FT LONG, 24 IN WIDE, AND 24 IN - 36 IN DEEP

SEE DEQ 4 FOR CONSTRUCTION DETAILS

PROPOSED PRIMARY AND REPLACEMENT
DRAINFIELD
APPLICATION RATE: 0.8 GPD/FT2
DESIGN CRITERIA: 300 GPD
DRAINFIELD LENGTH: 100 FT
DRAINFIELD WIDTH: 2 FT
SEPTIC TANK: 1500 GALLON
PUMP CHAMBER: 500 GALLON
TRENCH TYPE: SAND-LINED, PRESSURE DOSED
SIZED FOR A 3 BEDROOM RESIDENTIAL HOME





10/23/25

LEGEND

- PROPOSED PRIMARY DRAINFIELD
- PROPOSED REPLACEMENT DRAINFIELD
- TP — SOIL PROFILE (2025)
- PT — PERCOLATION SITE (2025)
- W — EXISTING WELL

DAVIS SURVEYING, INC.
TROY, MT. 406-295-5441

DATE: 10/17/2025
DRAWN BY: KD, PhD

FILE: COTTON_LOT_LAYOUT