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

Issue Date: 10/09/2025 Expiration Date: 10/08/2026 Permit#25-11633

Property Owner: David Wheeler

Mailing Address: [redacted]

Installer: Homeowner License #:

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new gravity system for 1 Bedroom House.

Legal: FANNING, S29, T36 N, R27 W, ACRES 15, PM 6339 LOT 2

Property Address: 4194 Othorp Lake Rd., Rexford, MT 59930 Assessment Code: 11633

DEQ COSA: E.Q.#25-2330 Lot 2 Fanning Date: 09/23/2025

Approved Design Criteria: Installation of new gravity system for 1 Bedroom House with 2 Laterals @ 50'. Minimum 5' between trenches, Maximum Trench Width 24", Trench Depth 24"-36".

# of Bedrooms: 1 Septic Tank Size: 1000 Trench Width: 24"

# of Laterals: 2 Length of Laterals: 50' 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: Robin Blumberg *Date:* 11/6/25

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.

Eq# 25-2330

LINCOLN COUNTY, MONTANA

LOT LAYOUT

WHEELER REWRITE

APPROVED
Montana Department of Environmental Quality
Reviewer Date 9-23-25

SECTION 29, TWP. 36 N., R. 37 W., P.M.M.
FOR: DAVID WHEELER
DATE: AUGUST 2025

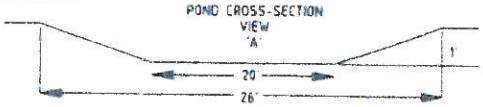
DITCH CROSS-SECTION VIEW



3:1 SLOPE ON ALL SIDE SLOPES

MOWED GRASS SURFACES

POND CROSS-SECTION VIEW 'A'



NO KNOWN 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 AS NOTED

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

THE PROPOSED DRAINFIELD IS APPROX. 2900 FT. FROM THE OTHORP LAKE IN AND EASTERLY DIRECTION NO FLOODPLAIN CONCERNS, NO WETLAND AREA CONCERNS

NO LAKES, SPRINGS, IRRIGATION DITCHES, WETLANDS, OR STREAMS (EXCEPT AS NOTED) LOCATED WITHIN THE LOT ARE INVOLVED IN THIS PROJECT

STORMWATER PONDS ON LOT 2: 20' X 20' X 1', BOTTOM DIMENSIONS, COMBINDED FOR A MINIMUM 1064 FT3

ALL DRIANFIELDS ARE STANDARD GRAVITY FED TRENCHES, SEE DEQ 4 FOR CONSTUCTION DETIALS

SCALE
200' 0 200'
1" = 200'

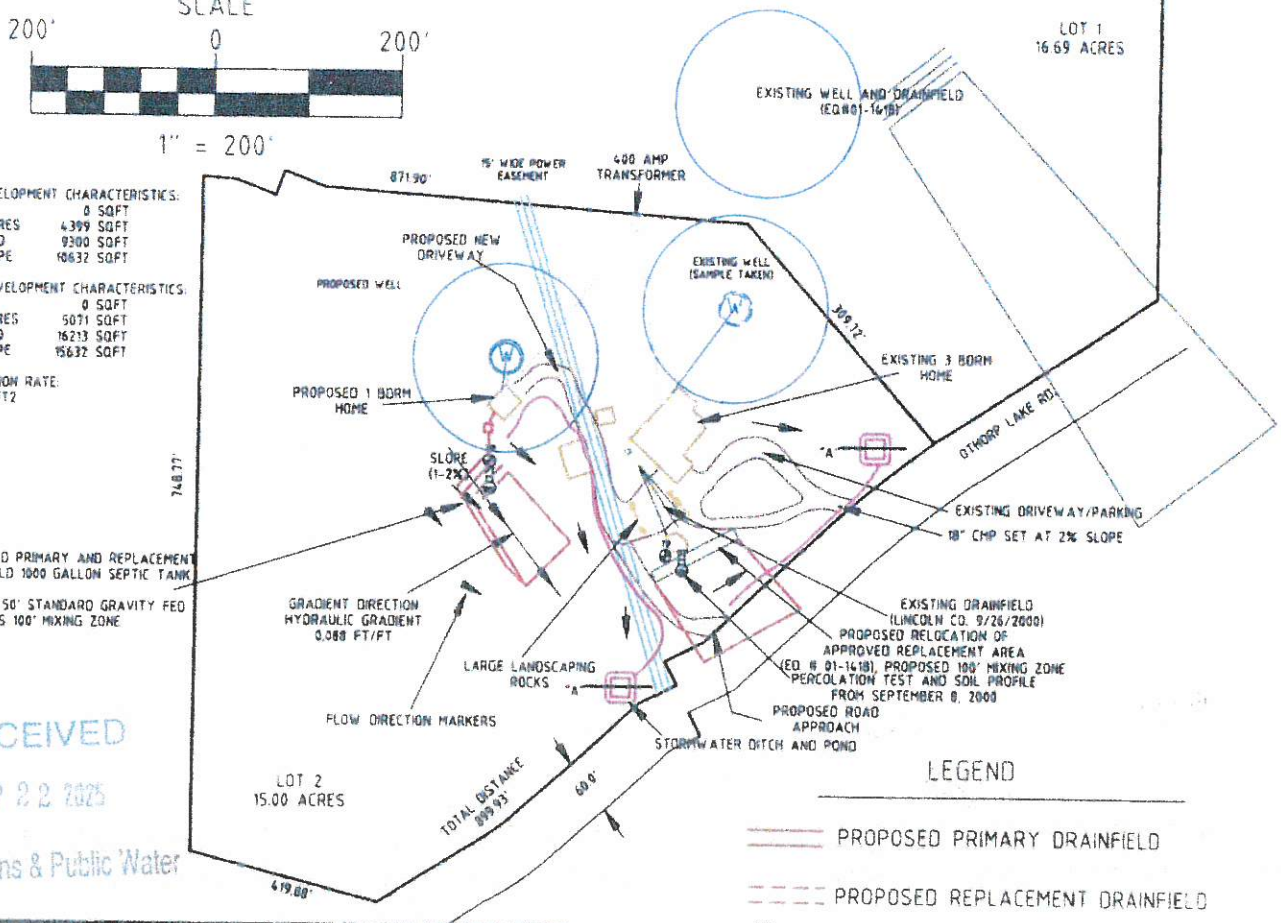
PRE-DEVELOPMENT CHARACTERISTICS:

PAVED:	0 SQFT
STRUCTURES	4399 SQFT
GRAVELED	9300 SQFT
LANDSCAPE	10632 SQFT

POST-DEVELOPMENT CHARACTERISTICS:

PAVED	0 SQFT
STRUCTURES	5071 SQFT
GRAVELED	16213 SQFT
LANDSCAPE	15632 SQFT

APPLICATION RATE:
0.8 GPD/FT2



LEGEND

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

RECEIVED
SEP 22 2025
Subdivisions & Public Water

DAVIS SURVEYING, INC.
TROY, MT. 406.295.5441

DATE: 08/13/2025
DRAWN BY: KD, PhD

FILE: WHEELER LOT LAYOUT