LINCOLN COUNTY HEALTH DEPARTMENT Permit # 23-1090
ENVIRONMENTAL HEALTH
WASTEWATER TREATMENT AND DISPOSAL SYSTEM PERMIT

Issue Date: 05/02/2023 Expiration Date: 05/01/2024

Property Owner: Shane Frederick

Mailing Address: [redacted]

Telephone: E-mail:

Installer: Tony Berget License #: 26

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of gravity septic system with chambers with reduction..

Parcel Description:

Legal: S16, T33 N, R34 W, C.O.S. RTRC CS 3214, TR-4 & TR-4C IN SENE 7.54 ACRES

Property Address: 1221 Rocky Draw Rd. Troy, MT, 59935 Assessment Code: 1090

DEQ COSA: EQ#23-2119 Date: 04/26/23 Removal of sanitary restrictions

Approved Design Criteria: Gravity system with chambers

# of Bedrooms: 3	Septic Tank Size: 1000 gallons	Trench Width: 24"
# of Laterals: 3	Length of Laterals: 85'	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. Reduction given for chambers. CHANGES MUST BE PRE-AUTHORIZED BY THE DEPARTMENT.

Issued By: *Robin Blumberg, SIT*

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.

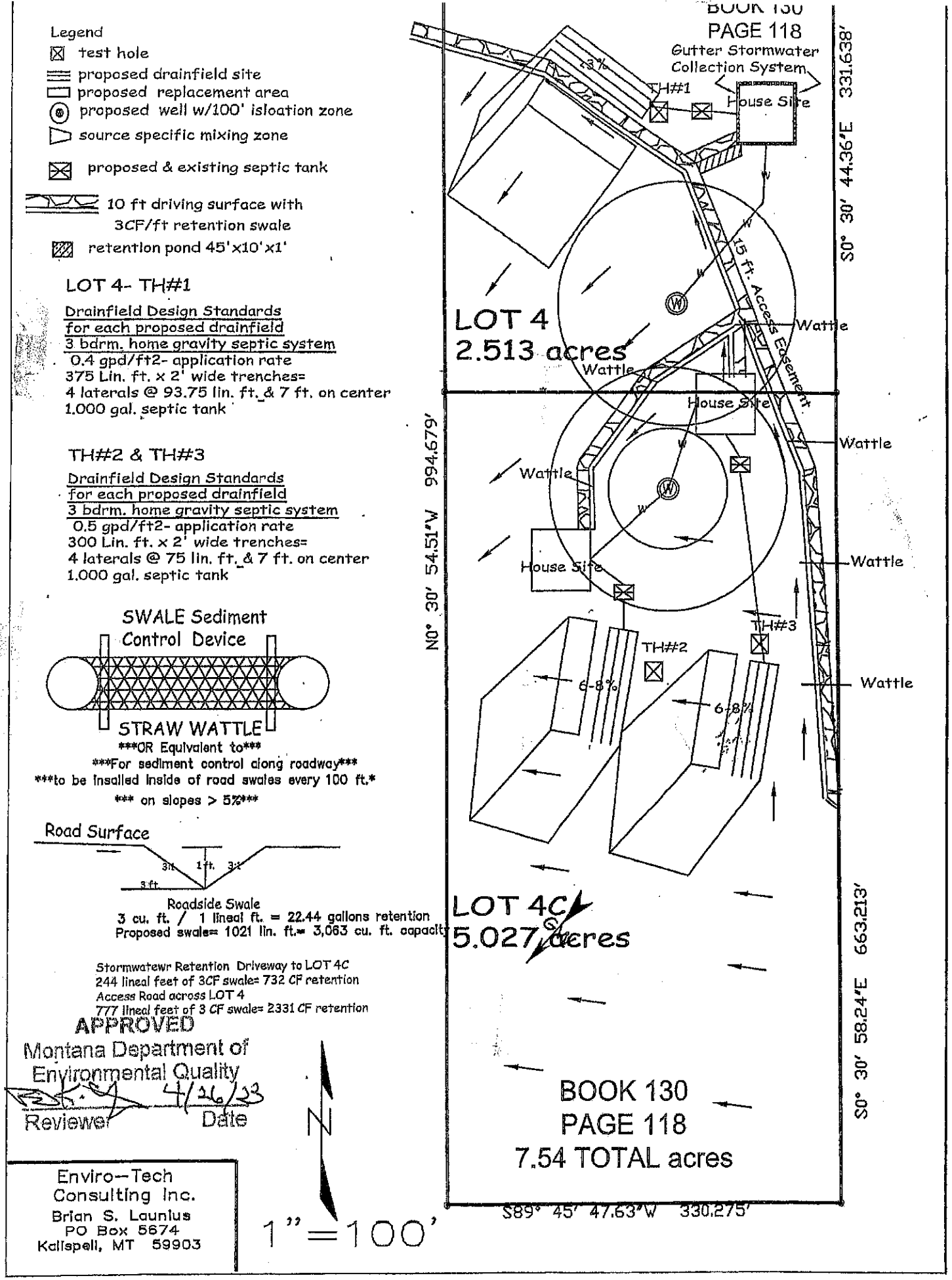
Signed: Robin Blumberg *Date:* 7/11/23

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

DISCLAIMER

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

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Legend

- test hole
- proposed drainfield site
- proposed replacement area
- proposed well w/100' isolation zone
- source specific mixing zone
- proposed & existing septic tank
- 10 ft driving surface with 3CF/ft retention swale
- retention pond 45'x10'x1'

LOT 4- TH#1

Drainfield Design Standards
for each proposed drainfield
3 bdrm. home gravity septic system
0.4 gpd/ft2- application rate
375 Lin. ft. x 2' wide trenches=
4 laterals @ 93.75 lin. ft. & 7 ft. on center
1.000 gal. septic tank

TH#2 & TH#3

Drainfield Design Standards
for each proposed drainfield
3 bdrm. home gravity septic system
0.5 gpd/ft2- application rate
300 Lin. ft. x 2' wide trenches=
4 laterals @ 75 lin. ft. & 7 ft. on center
1.000 gal. septic tank

SWALE Sediment Control Device

STRAW WATTLE

OR Equivalent to

For sediment control along roadway

***to be installed inside of road swales every 100 ft.*

*** on slopes > 5%***

Road Surface

3:1 1 ft. 3:1

3 ft

Roadside Swale
3 cu. ft. / 1 lineal ft. = 22.44 gallons retention
Proposed swale= 1021 lin. ft.= 3,063 cu. ft. capacity

Stormwatewr Retention Driveway to LOT 4C
244 lineal feet of 3CF swale= 732 CF retention
Access Road across LOT 4
777 lineal feet of 3 CF swale= 2331 CF retention

APPROVED
Montana Department of Environmental Quality
4/26/23
Reviewer Date

N

1"=100'

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