LINCOLN COUNTY HEALTH DEPARTMENT Permit #24-3597
ENVIRONMENTAL HEALTH
WASTEWATER TREATMENT AND DISPOSAL SYSTEM PERMIT

Issue Date: 05/20/2024 Expiration Date: 05/19/2025

Property Owner: Jackie McCall

Mailing Address: [redacted]

Installer: Richard Geldrich License #: 148

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new gravity system for 3 Bedroom House.

Parcel Description:

Legal: S24, T30 N, R31 W, COS 428, PARCEL TRACT A, ACRES 1

Property Address: 365 Dawson St. Libby, MT 59923 Assessment Code: 3597

DEQ COSA: EQ#23-1525 Date: 01/31/2023

Approved Design Criteria: Installation of new gravity system for 3 Bedroom House with 2 Laterals @ 72'.

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

# of Laterals: 2 Length of Laterals: 72' 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: Robin Blumberg *Date:* 5/31/24

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

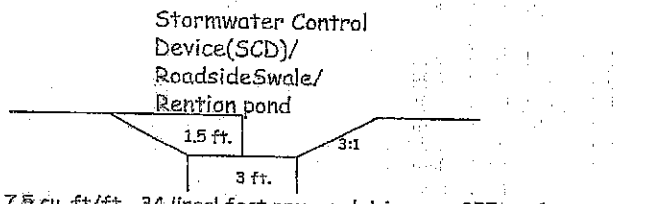
This permit is not finalized until the system is inspected and the closure statement is signed.

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

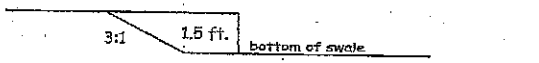
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Legend

- proposed septic tank
- test hole
- proposed drainfield site
- proposed replacement area
- existing & proposedwell site w/ 100' isolation zone
- standard mixing zone
- proposed roadside swale /rention pond



7.5 cu. ft/ft.- 34 lineal feet proposed driveways= 255 cu. ft. retention
Retention pond= 10'x6'x1.5'= 90 cu ft. retention
Total retention= 345 cu. ft. Required 324.5 cu. ft'

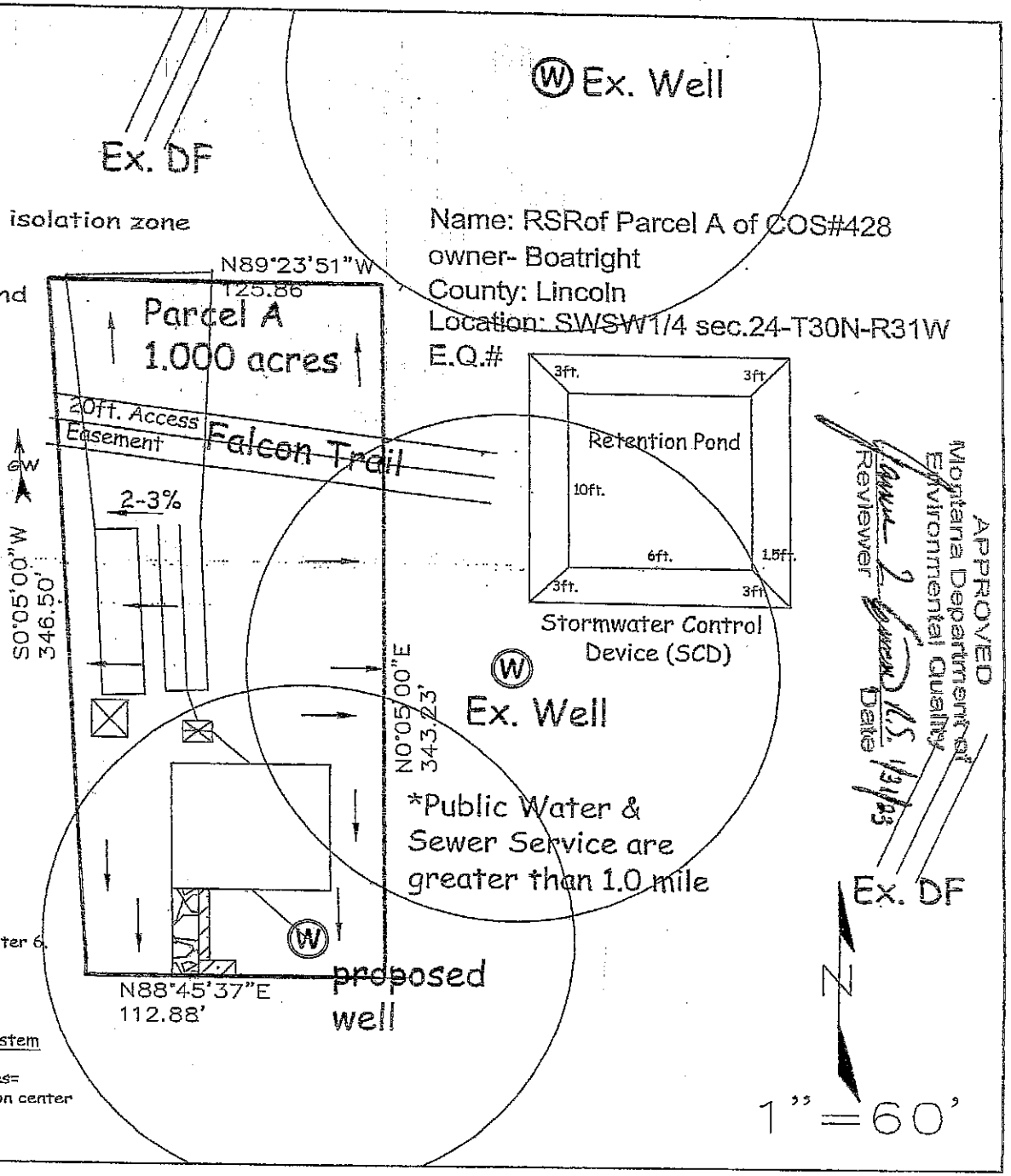


Swale to taper at ends before exiting property

NOTE-
1. Nearby well or septic systems within 100 ft. shown
2. 17.36.103(1) Potential contamination sources to well within 500 ft. (see Exhibit "A")
3. Homeowners responsible for the maintenance of individual Stormwater Control Devices.
4. Homeowners to maintain check dams, culverts in road right-of-ways
5. Completion of the proposed subdivision will not increase the amount of pre-development, during a 100-year, 24 hour storm event, between proposed lots and from the proposed subdivision area to the ajoining properties, 17.36.310
6. Each house foundation to be one foot above natural ground surface.
7. All wells to be constructed per ARM Title 36, Chapter 21, subchapter 6.
8. 10,000 sq. ft (minimum) of landscaping per new dwelling required

Enviro-Tech Consulting Inc.
Brian S. Launius
PO Box 5674
Kalispell, MT 59903
(406)257-2795

Drainfield Design Standards for each proposed drainfield
3 bdrm. home gravity septic system
0.8 gpd/ft2- application rate
187.5 Lin. ft. x 2' wide trenches=
3 laterals @ 64 lin. ft. & 7 ft. on center
1,000 gal. septic tank



APPROVED
Montana Department of Environmental Quality
Reviewer [signature] Date 1/31/03