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

Issue Date: 09/29/2025 Expiration Date: 09/28/2026 Permit # 25-9981

Property Owner: O'Reilly Auto Enterprises LLC

Mailing Address: [redacted]

Installer: Corey McNew License #: 227

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new Elevated Sand Mound for commercial building.

Parcel Description:

Legal: RIVERSIDE DRIVE, S32, T31 N, R31 W, ACRES 4.941, LOT 1 AMENDED PLAT 4673

Property Address: US HWY 2, Libby, MT 59923 Assessment Code: 9981

DEQ COSA: EQ# 25-1702 Date: 6/26/25

Approved Design Criteria: Installation of new Elevated Sand Mound for commercial building with 160 GPD maximum discharge. Drainfield must be 100' to all wells.

Septic Tank Size: 1000/500 gallons ESM: See Design

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. 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.

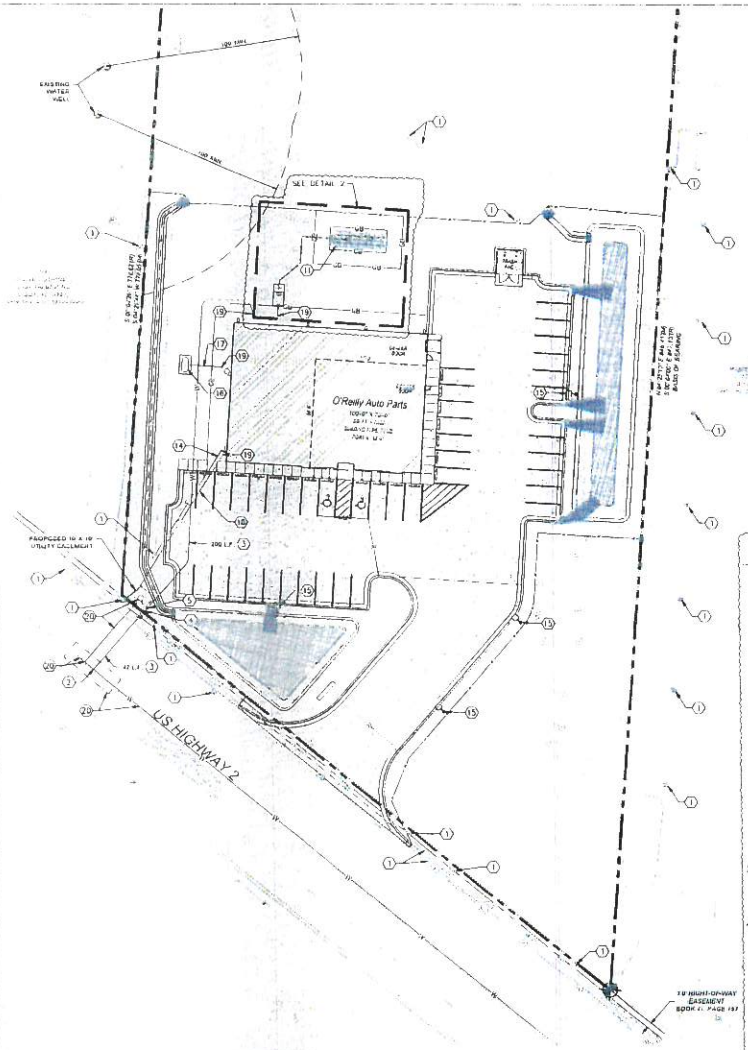
Closure Statement:

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

Signed: _____ *Date:* 10/16/25

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.



EXISTING CONDITIONS NOTES

1. THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING CONDITIONS/INSTALLATIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID. REFER TO SPECIFICATIONS ALSO.
2. EXISTING INSTALLATIONS (SUCH AS WATER MAINS/LINES, GAS MAINS/LINES, SEWER MAINS/LINES, TELEPHONE LINES, POWER LINES AND UTILITY STRUCTURES IN THE VICINITY OF THE WORK TO BE DONE) ARE INDICATED ON THE DRAWINGS ONLY TO THE EXTENT THAT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE ENGINEER IN PREPARING THE DRAWINGS. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS THEREOF IS EXPRESSLY DISCLAIMED.
3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING ALL EXISTING INSTALLATIONS.
4. ANY DELAY, ADDITIONAL WORK, FEES OR EXTRA COST TO THE CONTRACTOR CAUSED BY RESULTING FROM DAMAGE TO OR MODIFICATIONS OF EXISTING INSTALLATIONS BY THE CONTRACTOR OR AFFECTED UTILITY COMPANY SHALL NOT CONSTITUTE A CLAIM FOR EXTRA WORK, ADDITIONAL PAYMENT OR DAMAGES.
5. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO EXTRAS SHALL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS / INSTALLATIONS.

EXISTING UTILITY NOTE

CONTRACTOR TO VERIFY IN THE FIELD THE LOCATION AND DEPTH OF EXISTING UTILITIES SHOWN AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

CONTRACTOR TO CONFIRM MINIMUM BURY DEPTH IS MAINTAINED OVER EXISTING UTILITIES AND PROVIDE INSULATION WHERE NEEDED.

TRUNCATED ELEVATIONS

ALL SPOT ELEVATIONS SHOWN HAVE BEEN TRUNCATED BY 2000.00'

SITE LEGEND

NOTE: REFER TO SURVEY FOR EXISTING CONDITIONS SYMBOLS LEGEND

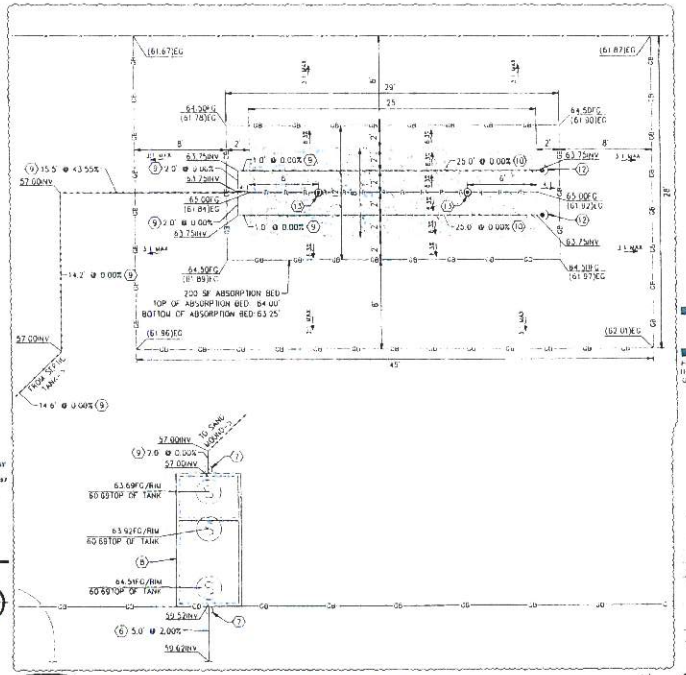
- PROPERTY LINE
- ADJACENT PROPERTY/ROW LINE
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED TELEPHONE SERVICE LINE
- PROPOSED ELECTRIC SERVICE LINE
- PROPOSED WATER SERVICE LINE
- PROPOSED SS SERVICE LINE
- PROPOSED SEPTIC DISTRIBUTION LINE
- PROPOSED FLOWLINE
- PROPOSED TOP OF POND
- PROPOSED BOTTOM OF POND
- PROPOSED CLEANOUT
- PROPOSED SEPTIC TANK LID
- PROPOSED OBSERVATION WELL
- PROPOSED SITE SIGN
- PROPOSED BOLLARD
- PROPOSED WATER METER
- PROPOSED LIGHT POLE
- PROPOSED PROPANE TANK
- PROPOSED BUILDING CONSTRUCTION
- PROPOSED CONCRETE
- PROPOSED RIPRAP
- PROPOSED POND INFILTRATION AREA
- PROPOSED SEPTIC ABSORPTION BED

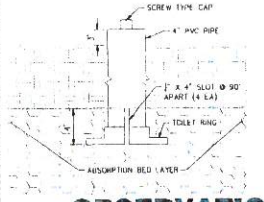
KEY NOTES

1. PROTECT EXISTING IMPROVEMENTS IN PLACE.
2. 1" WATER SERVICE CONNECTION TO WATER MAIN WITH ROMAC MODEL 306 DUAL DOMESTIC WATER SERVICE TAPPING SADDLE AND FORD FB-1004-4-G CORPORATION STOP PER CITY OF LIBBY DESIGN AND CONSTRUCTION STANDARDS WATER SERVICE LINE DETAIL ON SHEET C2.4
3. INSTALL 1" POLYETHYLENE (PE) 3408 IPS CLASS 200 SDR-7 WATER SERVICE LINE CONFORMING TO AWWA C-900 STANDARDS PER CITY OF LIBBY DESIGN AND CONSTRUCTION STANDARDS WATER SERVICE LINE DETAIL ON SHEET C2.4
4. INSTALL FORD BALL CURB STOP, MINNEAPOLIS PATTERN WITH GRIP JOINTS ON THE INLET AND OUTLET FOR IPS PE PIPE, MODEL FORD B44-444M-G INSIDE FORD CURB BOX CAST IRON EXTENSION TYPE WITH MINNEAPOLIS STYLE THREAD PATTERN 1" LOWER SECTION, WITH A SHUT-OFF AND/OR LID HAVING A PENTAGON NUT IN THE PLUG PER CITY OF LIBBY DESIGN AND CONSTRUCTION STANDARDS WATER SERVICE LINE DETAIL ON SHEET C2.4
5. INSTALL 1" SENSUS BRAND WATER METER SR 11 ECR/MP WITH TRIPL CONNECTOR AND CAST IRON BOTTOMS INSIDE NOBELLE THERMAL COIL METER BOX 730-CS-16-72-T-D-3-L PER CITY OF LIBBY DESIGN AND CONSTRUCTION STANDARDS WATER SERVICE LINE DETAIL ON SHEET C2.4
6. INSTALL 4" SDR-35 SANITARY SEWER SERVICE PIPE (2% SLOPE MINIMUM).
7. INSTALL 8"Ø INSPECTION PORT AT THE INLET AND OUTLET OF THE PROPOSED SEPTIC TANK.
8. INSTALL GLACIER PRECAST CONCRETE 1,000 GALLON SEPTIC TANK WITH 500 GALLON SEPTIC PUMP CHAMBER AND SEPTIC PUMP PER DETAIL 1/C2.5. SEPTIC PUMP SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
9. INSTALL 2" SCHEDULE 40 PVC PRESSURE DISTRIBUTION PIPE.
10. INSTALL 2" SCHEDULE 40 PVC PRESSURE DISTRIBUTION PIPE WITH SINGLE ROW OF 2"Ø ORIFICES AT 1'-0" O.C. AT THE BOTTOM OF THE PIPE.
11. CONSTRUCT ELEVATED SAND MOUND PER DETAILS 2/C2.5 & 3/C2.5.
12. INSTALL 2" PVC LONG SWEEP CLEANOUT.
13. INSTALL 4" OBSERVATION WELL PER DETAIL 3 THIS SHEET.
14. ELECTRIC LINE SHOWN FOR REFERENCE ONLY. REFER TO MEP PLANS FOR MORE DETAIL.
15. LIGHT POLE SHOWN FOR REFERENCE ONLY. REFER TO MEP PLANS FOR MORE DETAIL.
16. PROPANE TANK SHOWN FOR REFERENCE ONLY. REFER TO MEP PLANS FOR MORE DETAIL.
17. GAS LINE SHOWN FOR REFERENCE ONLY. REFER TO MEP PLANS FOR MORE DETAIL.
18. TELEPHONE LINE SHOWN FOR REFERENCE ONLY. REFER TO MEP PLANS FOR MORE DETAIL.
19. UTILITY CONNECTION TO BUILDING. REFER TO MEP PLANS FOR CONTINUATION.
20. REFER TO SHEET C2.3 FOR WATERMAIN EXTENSION DETAILS.

ABBREVIATIONS

FG FINISHED GRADE
INV INVERT
OWTS ONSITE WASTEWATER TREATMENT SYSTEM





1 SITE UTILITY PLAN — C3.1 — SCALE: 1" = 30'-0"

30 0 30 60 90
GRAPHIC SCALE - FEET

2 SEPTIC SYSTEM DETAIL — C3.1 — SCALE: 1" = 5'-0"

3 OBSERVATION WELL DETAIL — C3.1 — SCALE: NTS

CAUTION
INFORMATION ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

811 Know what's below Call before you dig.

MONTANA BRANDON R. HUMANN 36555 PROFESSIONAL ENGINEER 09/15/2025
BRANDON HUMANN, 36555 PE

TAIT

O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-6708 • TOLL FREE (800) 289-0909

PROJECT:
O'REILLY AUTO PARTS STORE
US HIGHWAY 2
LIBBY, MONTANA, 59923

SITE UTILITY PLAN

Buddy Webb, NCARB, AIA
Architect - Consultant
3057 EAST CAIRO
SPRINGFIELD, MISSOURI 65802
(417) 877-1385 TELEPHONE
(417) 877-5736 FAX

KA BH
05/17/2024
09/10/2025
LBB

C3.1