



CLARK COUNTY PUBLIC HEALTH

Center for Community Health
1601 E Fourth Plain Blvd - PO Box 9825
Vancouver, WA 98666-8825
564-397-8428

PERMIT

Valid: 9/16/2022 to
9/16/2027

Permit Type: Septic Design Review & Permit Conventional Sy

SR0056142

The onsite sewage system is to be constructed as specified in this permit, Onsite Sewage Systems CCC 24.17 and WAC Chapter 246-272A and the approved design. NOTE: This permit and approved design shall be onsite at time of installation and inspection.

PROPERTY OWNER

Bruce w/ Ambry Inc.
PO BOX 6201
VANCOUVER, WA 98668
Phone: 360-772-1678

PERMIT HOLDER SITE INFORMATION

Ambry Black
401 NW 310th ST
RIDGEFIELD, WA 98642

DESIGNER INFORMATION

Designer: Ek Engineering

Design Submitted On: 08/15/2022

SR: SR0056142

PROPERTY INFORMATION

Type: Single Family Residence
No. of Bedrooms: 2
Water Supply: Public Water
Parcel No.: 986027897

SYSTEM INFORMATION

System Type: Standard - 3 year inspection
Minimum Septic Tank Capacity: 1,000gal
Peak Waste Water Flow: 240 GPD

Pre-Treatment Unit: 00 - Not Applicable
Drainfield Type Prefix: 01 - Gravelless
Drainfield Type: 02 - Conventional Gravity

PERMIT REQUIREMENTS


Mandatory maintenance required, as specified by the approved design and as required by State and local codes.

This installation shall not be covered until inspected and approved.

Additional Requirements

INSTALL PER SYSTEM DESIGN SUBMITTED BY Nathan Ek and approved by AD 09/16/2022. CCPH reserves the right to enter and inspect for monitoring purposes only. NO OCCUPANCY UNTIL FINAL INSPECTION. Final inspection by CCPH required.

This onsite sewage system permit is null and void if: (a) conditions are changed from those shown on the Application; (b) conditions are changed from those shown on the Approved design, (c) conditions of this permit are not followed. This installation shall not be covered until approved by Clark County Public Health. A septic system permit does not ensure all other county requirements are met. It is recommended that appropriate agencies are contacted (i.e. Planning, Public Works, Building Department).

By: 
Alan Melnick, MD, MPH, Health Officer


Released by

09/16/2022
Date

Installer: _____

Called In: _____



CLARK COUNTY PUBLIC HEALTH
 1601 E. Fourth Plain Blvd. ♦ P.O. BOX 9825
 Vancouver, WA 98666-8825
 (564) 397-8428

For Office Use Only:

ON-SITE SEWAGE SOIL & SITE EVALUATION RESULTS LETTER

To: Ambry/Black residence guest house CC: Ek Engineering SR # 56379
 _____ ON # _____
 _____ Tax Parcel # 986027897

Location of Soil and Site Evaluation 401.NW 310th St, Ridgefield WA

FINDINGS & RESULTS:

**Soil & Site Evaluation Results do not ensure all other county requirements are met. It is recommended that appropriate agencies are contacted (e.g. Planning, Public Works, Building Department).*

Restrictive Layer/Seasonal High Ground Water Depth Range: 64-68" Estimated Slope Range: 15%

- Based on information provided and the test hole findings, an area on the property was found that meets current minimum standards for an on-site sewage system (OSS). **NOTE: Clark County Code 24.17 requires that a licensed designer or professional engineer specify the type of OSS to be designed.**
- Drainfield staking review required. { Basic or Detailed Staking }
- The existing site was denied. You may wish to explore other areas of the property to qualify for a more suitable site.

Notes & Conditions:

This site visit was conducted to evaluate the soils and site findings and recommendations submitted by the licensed Engineer / Designer.

The proposed primary area requires TL E
 The proposed hydraulic loading rate is: 0.4 gal/ft²/day

- The approved area for placement of the OSS drainfield is limited to the area of the approved test holes that conforms to the health code.
- The test hole locations are to be measured in from two property lines on the design layout to help provide adequate reference for accurate placement of the drainfield.
- Additional fees for design review and construction permit are required for most applications.
- No additional site visit fee required if site visit is requested within 90 days of the date of this letter.

ANY MODIFICATION TO SITE MAY RESULT IN SITE APPROVAL BEING VOIDED

Antonio
 Delgado

Digitally signed by Antonio
 Delgado
 Date: 2022.09.16 12:02:48
 -07'00'

Antonio Delgado ext 7320
 Name of Environmental Health Specialist /Telephone Ext.

9/16/22
 Date

ON-SITE SEWAGE TREATMENT SOIL & SITE EVALUATION DATA

Concurrence Evaluator: Chane Ek Jurisdiction: Clark SR #: 56379

APPLICANT: Ambry / Black Site PREVIOUS EVALS: Y/N ID #: _____

Address of site: 401 NW 310th Street, Ridgefield Lot No. _____ Tax ID #: 986027-897

SOIL PROFILES:

TEST HOLE	DEPTH	Texture	Color	Motts	Roots	STRUCTURE & Other Comments	Soil Type	App Rate
#1 (WW) Slope 15%	0-18"	Loam	Dk	No	M-L	2fSBK	4	0.6
	18-64"	SiL	Br	No	Sm	2mSBK, few distinct root motts	5	0.4
#2 (W) Slope 15%	0-12"	Loam	Dk	No	M-L	2fSBK	4	0.6
	12-66"	SiL	Br	No	Sm	2mSBK, similar	5	0.4
#3 (E) Slope 15%	0-16"	Loam	Dk	No	M-L	2fSBK	4	0.6
	16-68"	SiL	Br	No	Sm	2mSBK, similar	5	0.4
#4 (EE) Slope 15%	0-16"	Loam	Dk	No	M-L	2fSBK	4	0.6
	16-68"	SiL	Br	No	Sm	2mSBK, similar	5	0.4

Restrictive layer (Range): 64-68"

Soil Type: Hillsboro Silt Loam, soil type 5

Weather Conditions: Sunny

Surface Vegetation: Field

ADDITIONAL COMMENTS:



8-15-22

EVALUATION RESULTS, CONDITIONS & DESIGN INSTRUCTIONS (Page 2 of 2)

Concurrence

Evaluator: Chane Ek

SR #: 56379

Ambry / Black

PROPOSED USAGE FOR SYSTEM:

- Single Family Residence Multi Family Resid
 Community Resid. Domestic Waste: 240 gal/day
 Non-Residential Non-Domestic Waste: _____ gal/day

HORIZONTAL CONTROLS (Indicated on Plot Plan):

- Drainfield 100' from water wells and surface water
 Tank 50' from water wells and surface water
 5' from property lines to sidewall of trenches
 10' from foundation to sidewall of trenches

If not checked, justification/notes: _____

- PROPOSED SYSTEM COMPONENTS:** Existing
 (To be completed by designer), Proposed
 T.L. "E" (Pressure or Gravity) T.L. "B"
 T.L. "A" Waiver (Local State)
 Other _____

(See WDOH/ RS&Gs and Waiver Criteria)

- Application Rate 0.4 gal/sq.ft/day
 Slope for Design 15 %
 Septic Tank Size: 1000 gallons
 Propose reduction for gravelless drainfield 40 %
 Minimum infiltr. Size: 600 x 0.6 sq. ft.
 Application Depth 28" MAX inches
 (Lift/Equal Distribution) Pump (will/may) be necessary
 Proposed Use Existing tank _____ gals, concrete, good condition *(must be inspected and pumped/repaired if needed)*

ADDITIONAL REQUIREMENTS

- Minimum lot size: _____ sq.ft./ac.
 Site located within or near an (established/apparent):
 Urban Area If yes, sewer available
 Well-head Protection Area
 Environmentally Sensitive Area
 Area of Special Concern
 Other:
 Agency approval required from: _____
 Note all surface water and wells w/in 150 feet
 O&M required, every () years

Additional Comments & Requirements:

- Water System:** Group A Public Water Group B Public
 Individual
 Well Surface Spring

OTHER:

EVALUATION & DESIGN STRATEGY DEVELOPED BY:

DESIGNER: Chane Ek DATE: 8/15/22

HEALTH OFFICER USE ONLY:

PROPOSAL DENIED BECAUSE:

- Water Table Soil Suitability Set Backs Lot Size
 Other _____

- Recommended: Explore other areas on site
 Apply for winter evaluations

Comments:

CCPH Representative: _____
 DATE: _____

THIS EVALUATION DESIGN STRATEGY
 WAS REVIEWED AND FOUND TO MEET MINIMUM ACCEPTABLE
 STANDARDS. ANY CHANGES TO THE SITE OR CONDITIONS
 AFFECTING THE SITE MAY VOID THIS EVALUATION.

**Site evaluations are valid for five years from approval date
 & installation permits are valid to a maximum of five years
 from the date of design approval.**

CCPH Representative: _____ DATE: _____

Antonio Delgado Digitally signed by Antonio
 Delgado
 Date: 2022.09.16 11:53:22 -0700

TP # 986027-897

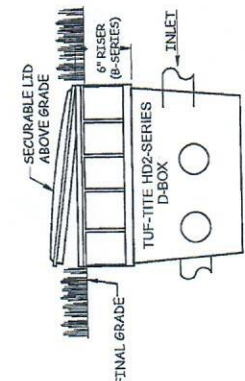
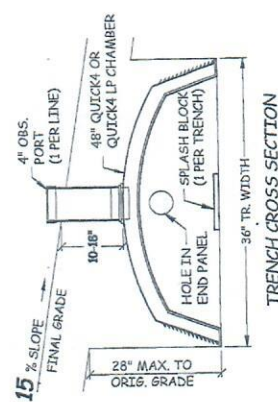
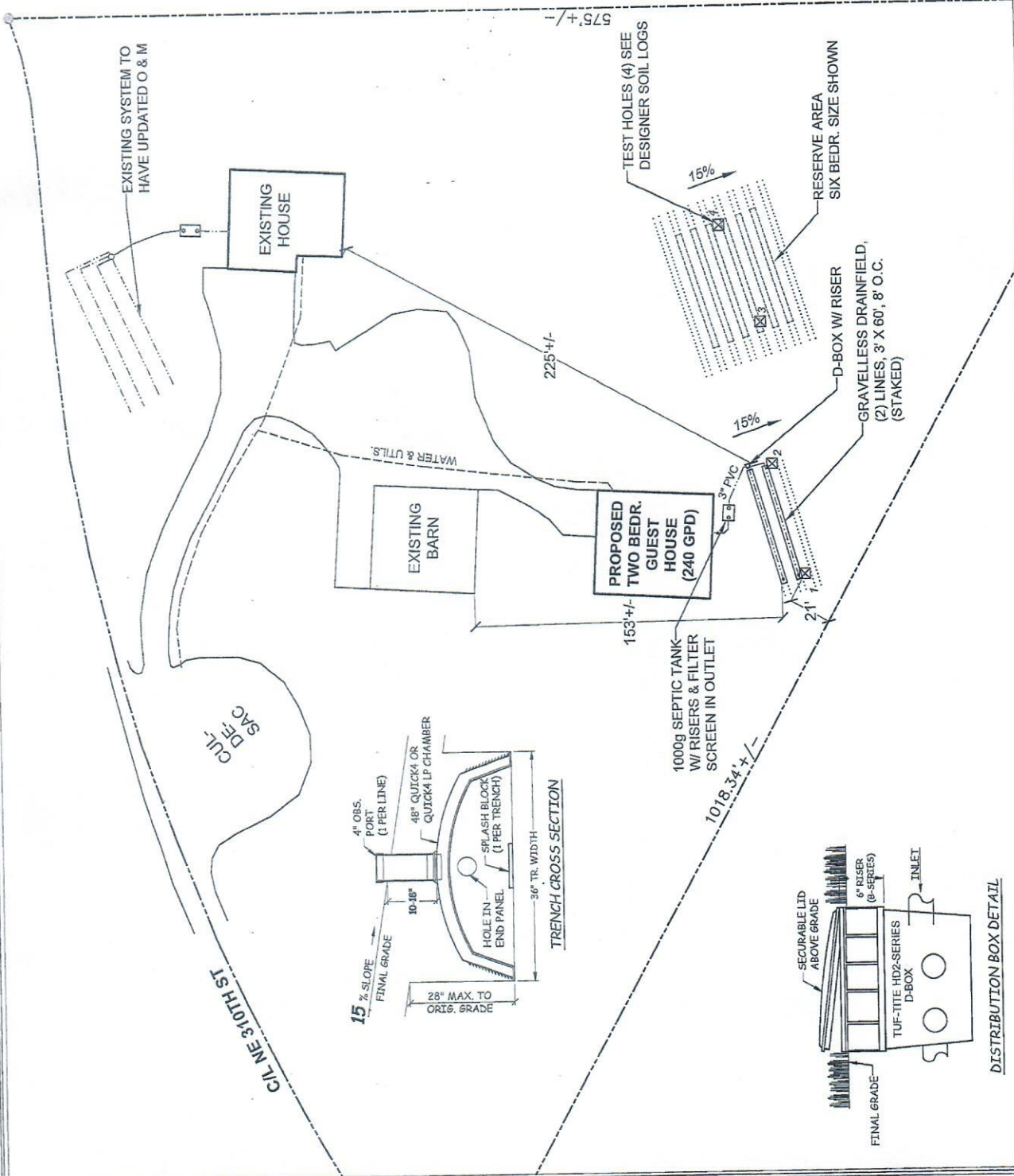
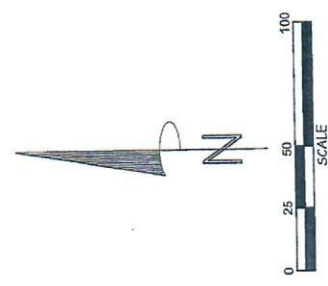
Checked by: Date: 08/12/22
 Designed by: CNE
 Drafted by: CNE

ON SITE SEWAGE TREATMENT DESIGN FOR
 AMBRY / BLACK RESIDENCE GUEST HOUSE,
 401 NW 310TH STREET, RIDGEFIELD

EK ENGINEERING, INC.
 P.O. BOX 3097
 BATTLE GROUND, WA 98604
 PHONE: (360) 687-7888

NOTES:
 ALL UNDERGROUND UTILITY TRENCHES ARE TO AVOID INITIAL AND RESERVE AREAS.
 NO WELLS TO BE LOCATED WITHIN 100ft OF DRAINFIELD OR WITHIN 50ft OF TANKS OR PIPING.
 ONE OBSERVATION PORT REQUIRED AT END OF EACH GRAVELLESS TRENCH.

BUILDER:
 AMBRY INC.
 PO BOX 6201
 VANCOUVER, WA. 98668
 360-772-1678
 ambryinc98@gmail.com



DISTRIBUTION BOX DETAIL