

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207)289-3826

PROPERTY ADDRESS

Town Or Plantation: HANCOCK

Street Subdivision Lot #: OFF EAST SIDE RD. (F.R. 210)

PROPERTY OWNERS NAME

Last: WRAY First: KURT

Applicant Name: (SAME) RUDY BAGLEY

Mailing Address of Owner/Applicant (if Different): BOX 325 RT. 1 P.O. BOX 64 HANCOCK, ME 04640

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

Rudy Bagley
Signature of Owner/Applicant

6/1/92
Date

HANCOCK Date Permit Issued: 6/1/92 \$ 708 TOWN COPY 60 If Double Fee Charged

[Signature] Local Plumbing Inspector Signature L.P.I. # 152

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

[Signature]
Local Plumbing Inspector Signature

6/23/92
Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- EXPERIMENTAL SYSTEM

SEASONAL CONVERSION

to be completed by the LPI

- SYSTEM COMPLIES WITH RULES
- CONNECTED TO SANITARY SEWER
- SYSTEM INSTALLED - P# _____
- SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED PRE-1974

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: UNKNOWN

SIZE OF PROPERTY

ZONING

~65 ACRES

THIS APPLICATION REQUIRES:

- NO RULE VARIANCE
- NEW SYSTEM VARIANCE
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
 - Requiring Local Plumbing Inspector Approval
 - Requires State and Local Plumbing Inspector Approval
- MINIMUM LOT SIZE VARIANCE

DISPOSAL SYSTEM TO SERVE:

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER _____ SPECIFY _____

INSTALLATION IS:

COMPLETE SYSTEM

- NON-ENGINEERED SYSTEM

PRIMITIVE SYSTEM
(Includes Alternative Toilet)

- ENGINEERED (+2000 gpd)

INDIVIDUALLY INSTALLED COMPONENTS:

- TREATMENT TANK (ONLY)
- HOLDING TANK _____ GAL
- ALTERNATIVE TOILET (ONLY)
- NON-ENGINEERED DISPOSAL AREA (ONLY)
- ENGINEERED DISPOSAL AREA (ONLY)
- SEPARATED LAUNDRY SYSTEM

TYPE OF WATER SUPPLY

DRILLED WELL

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

SIZE: 1000 GALS.
(OR 750)

WATER CONSERVATION

- NONE
- LOW VOLUME TOILET
- SEPARATED LAUNDRY SYSTEM
- ALTERNATIVE TOILET
SPECIFY: _____

PUMPING

- NOT REQUIRED
- MAY BE REQUIRED
(DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED
DOSE: _____ GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)

2 BEDROOM SINGLE FAMILY DWELLING

MINIMUM

DESIGN FLOW: 180 GPD
(GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE: 3 CONDITION: C

DEPTH TO LIMITING FACTOR: 16

SIZE RATINGS USED FOR DESIGN PURPOSES

- SMALL
- MEDIUM
- MEDIUM-LARGE
- LARGE
- EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

- BED 600 Sq. Ft.
- CHAMBER _____ Sq. Ft.
 REGULAR H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

On NOV. 1, 1989 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

James M. Maguire
Site Evaluator Signature

208
SE#

11/29/89
Date

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HANCOCK

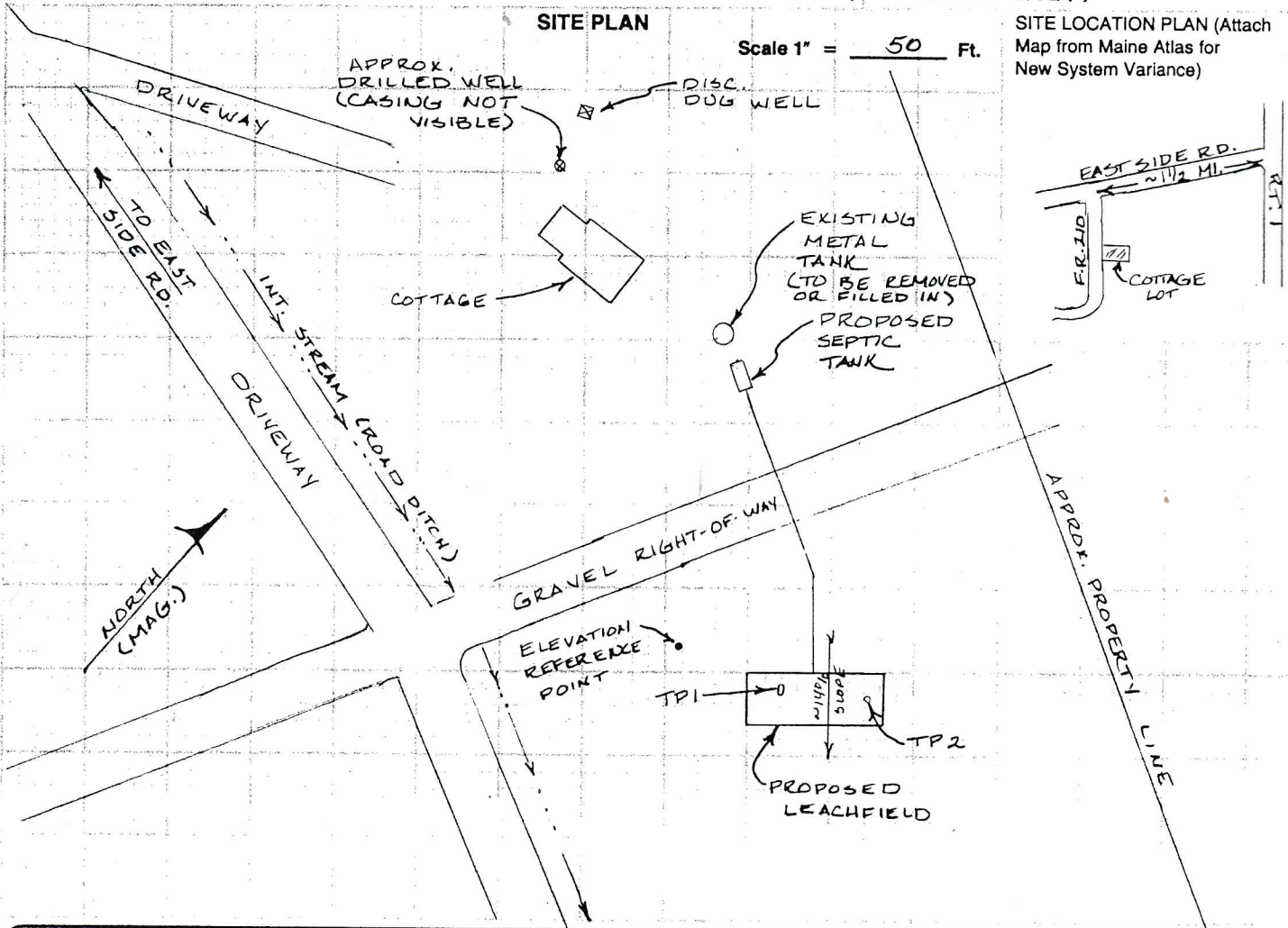
Street, Road, Subdivision
OFF EAST SIDE RD. (F.R. 210)

Owners Name
KURT WRAY

SITE PLAN

Scale 1" = 50 Ft.

SITE LOCATION PLAN (Attach Map from Maine Atlas for New System Variance)



SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole TP1 Test Pit Boring

 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	FINE SANDY LOAM	FRIABLE	BROWN	
6			YELLOWISH BROWN	
15			LIGHT OLIVE BROWN	COMMON MEDIUM DISTINCT, GRAY
20		FIRM		
30	HAND-ROCK			

Soil Profile <u>3</u>	Classification Condition <u>C</u>	Slope <u>~14%</u>	Limiting Factor <u>16"</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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Observation Hole TP2 Test Pit Boring

 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	FINE SANDY LOAM	FRIABLE	DARK BROWN	
6			YELLOWISH BROWN	
15			LIGHT OLIVE BROWN	COMMON MEDIUM DISTINCT, GRAY
20		FIRM		

Soil Profile <u>3</u>	Classification Condition <u>C</u>	Slope <u>~14%</u>	Limiting Factor <u>16"</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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James M. Maguire
Site Evaluator Signature

208

11/29/89

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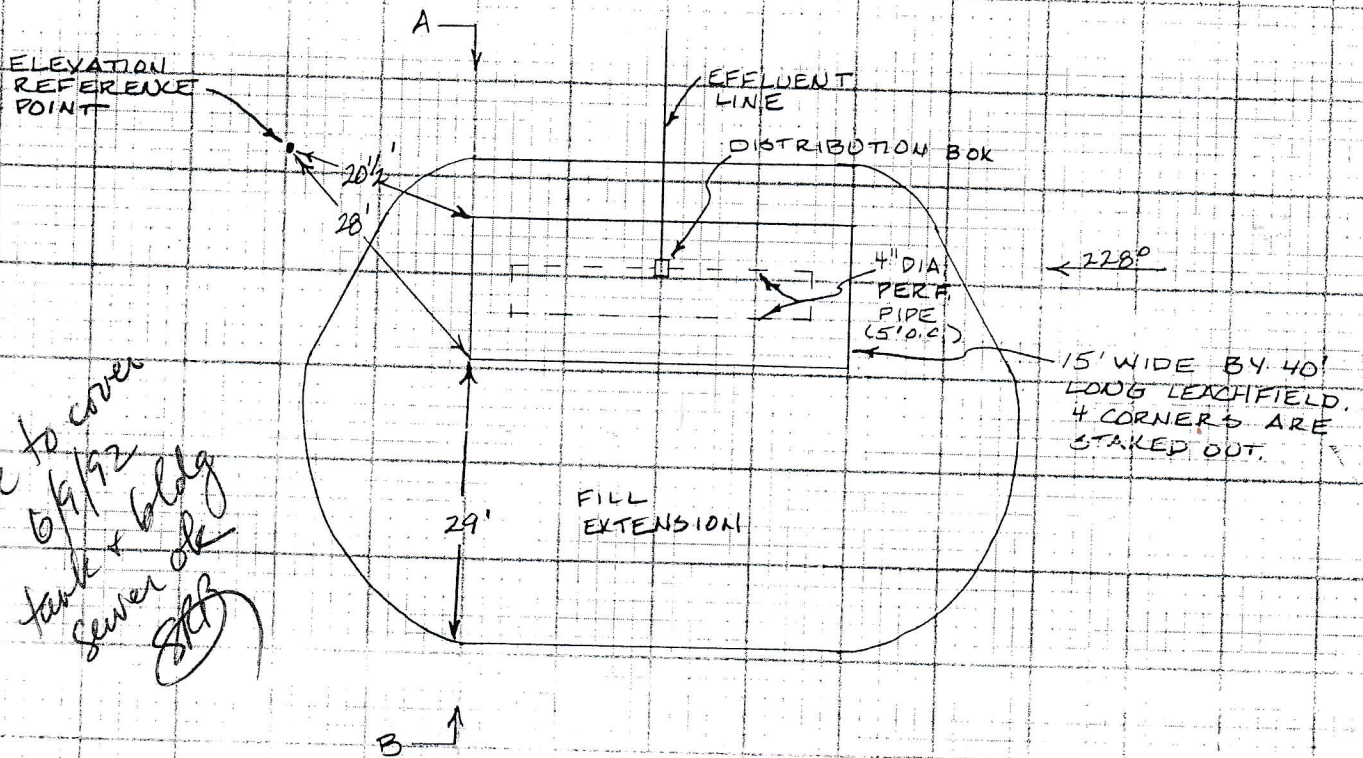
HANCOCK

OFF EAST SIDE RD. (F.R. 210)

KURT WRAY

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope)

20"

Depth of Fill (Downslope)

44-45"

CONSTRUCTION ELEVATIONS

Reference Elevation is

0"

Bottom of Disposal Area

-51"

Top of Distribution Lines or Chambers

-40"

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

E.R.P. IS A NAIL 3 1/2" UP ON A 10" DIA. BIRCH LOCATED 20 1/2' AT 24.70 FROM W. CORNER OF PROP. LEACHFIELD

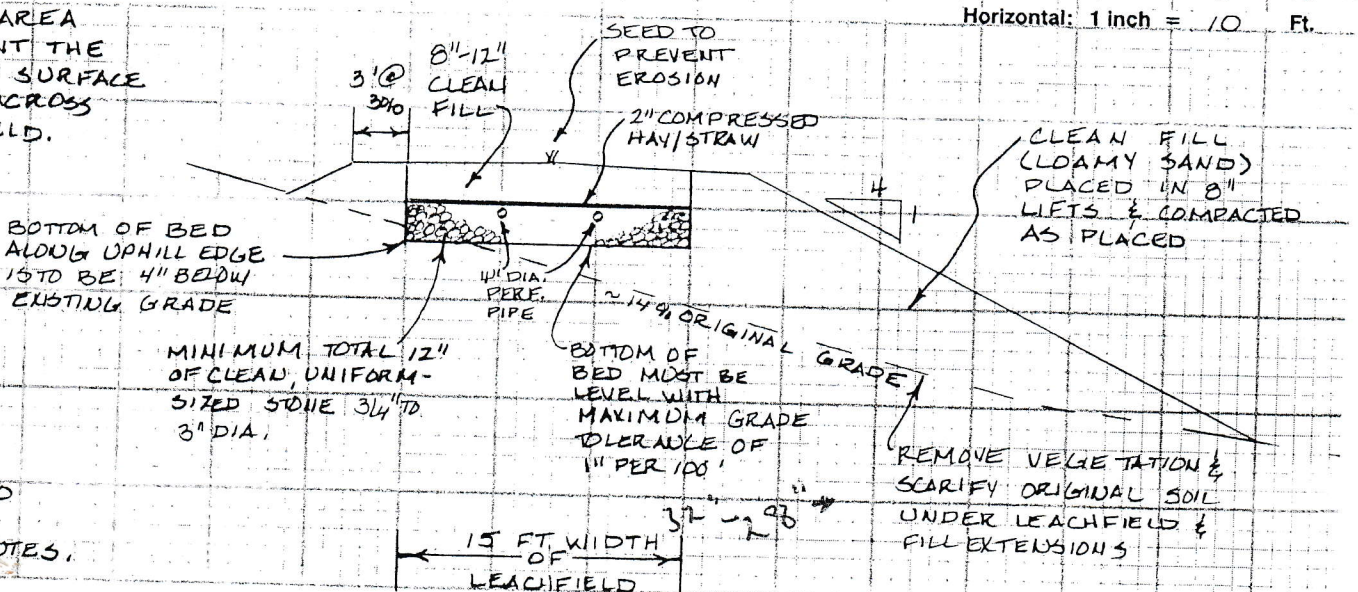
Scale:

Vertical: 1 inch = 5 Ft.

Horizontal: 1 inch = 10 Ft.

DISPOSAL AREA CROSS SECTION (ACROSS A-B ABOVE)

GRADE AREA TO PREVENT THE FLOW OF SURFACE WATER ACROSS LEACHFIELD.



SEE ALSO ATTACHED DESIGN NOTES.

Sam M. Maguire

200

1/2/99

DESIGN NOTES

Septic Tank:

Setback requirements which must be met when installing a septic tank include the following (unless reduced by variance): 100 ft. from wells, except 75 ft. from owner's well; 100 ft. from high watermark of perennial waterbodies; 50 ft. from intermittent waterbodies; 25 ft. from man-made drainage ditches; 10 ft. from property lines; 10 ft. from water supply lines; and 8 ft. from buildings.

Pumping of the septic tank every 2 to 3 years is generally considered good maintenance practice. Otherwise, clogging of the disposal area could result, necessitating costly replacement. Installation of a riser over the cleanout cover of the tank greatly facilitates maintenance. Garbage disposals are not recommended.

Sewer Pipes:

Use 4" diameter approved materials (watertight). Insulate as necessary to protect from freezing.

Building sewer:

For gravity flow from building to septic tank, maintain minimum pitch of 1/4"/ft. (1/8"/ft. with LPI's approval).

Effluent line: For gravity flow below septic tank, maintain minimum pitch of 1/16"/ft.

Disposal Area:

Setback requirements are the same as for septic tanks except for the following (unless reduced by waiver): 100 ft. from owner's well; 20 ft. from building with basement; 15 ft. from building without basement.

Construction details:

The vegetation and organic layer in the proposed disposal area and fill extensions shall be removed leaving as much of the original topsoil in place as possible. The ground surface shall then be raked/scarified to minimize glazing or smearing of the original soil.

The disposal area bottom and distribution line shall be level with a maximum grade tolerance of 1 inch per 100 ft.

Stone (when used) shall be clean, free of fines and organic matter and of uniform size, 3/4" to 3" diameter. Clean fill (texture as specified on application) is to be placed in 8" lifts and compacted as placed.

The finished grade of the backfill over the disposal area shall be crowned from the center of the disposal area at a 3% slope extending 3 ft. beyond the edge of the disposal area. At that point the fill shall be sloped at a uniform grade of no greater than 25% (4:1) to the original ground.

The land adjacent to the disposal area shall be graded to prevent both the accumulation of surface water on the disposal area, and the flow of surface water across it. Make sure that cellar drain line discharges away from disposal area also.

The finished disposal area and fill extensions shall be seeded to establish vegetation to prevent erosion. Grass, clover, trefoil, vetch, perennial wildflowers, or other herbaceous perennials may be utilized for disposal area surfaces. Woody shrubs are unacceptable. Woody shrubs in conjunction with a hardy perennial ground cover may be used on fill extensions.

Do not park or drive vehicles on septic system.