

M 11 232

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY ADDRESS

Town Or Plantation: **AUGUSTA**

Street/Division Lot #: **RT. 17 Eastern Ave.**

PROPERTY OWNERS NAME

Last: **RUMNEY** First: **RILHARD**

Applicant Name:

Mailing Address of Owner/Applicant (If Different): **632 EASTERN AVE. AUGUSTA**

Caution: Permit Required

3244 TOWN COPY

AUGUSTA Date Permit Issued: **6/6/95**

Local Plumbing Inspector Signature: *[Signature]*

L.P.I. # **1808**

Double Fee Charged

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.

Richard Rumney Signature of Owner/Applicant **6-5-95** Date

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 **6/28/95** Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

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

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

INSTALLATION IS:

COMPLETE SYSTEM

- NON-ENGINEERED SYSTEM
- PRIMITIVE SYSTEM
(Includes Alternative Toilet)
- ENGINEERED (+ 2000 gpd)

SEASONAL CONVERSION

to be completed by the LPI

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

DISPOSAL SYSTEM TO SERVE:

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

INDIVIDUALLY INSTALLED COMPONENTS:

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

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: _____

SIZE OF PROPERTY: **1/2 AC ±**

ZONING: **GENERAL**

TYPE OF WATER SUPPLY

CITY WATER

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

EXISTING SIZE: **1000** GALS.

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 BR.

DESIGN FLOW: **240**

(GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

| PROFILE | CONDITION |
|----------|-----------|
| 8 | D |

DEPTH TO LIMITING FACTOR: **11**

SIZE RATINGS USED FOR DESIGN PURPOSES

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

DISPOSAL AREA TYPE/SIZE

- BED **1000** Sq. Ft.
- CHAMBER _____ Sq. Ft.
 REGULAR H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

On **5-31-95** (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.

[Signature]
Site Evaluator Signature

132
SE#

6/5/95
Date

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

940 SB 06

REPLACEMENT SYSTEM VARIANCE REQUEST

THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form shall be attached to an application for the proposed replacement system which does not comply with the Rules. The LPI shall review the Replacement System Variance Request and Application and may approve the Request if all of the following requirements can be met, and the variance(s) requested fall within the limits of LPI's authority.

1. The proposed design meets the definition of a Replacement System from the rules.
2. A system cannot be designed and installed in total compliance with the Rules.
3. The design flow is less than 500 GPD.
4. There will be no change in use of the structure.
5. The replacement system is determined by the Site Evaluator and LPI to be the most practical method to treat and dispose of the wastewater.

GENERAL INFORMATION

Town of Augusta

Permit No. 3244 E

Date Permit Issued 6/6/95
MONTH/DAY/YEAR

Property Owner's Name: Richard Romney Tel. No. _____

System's Location: 632 Eastern Ave
STREET

Augusta TOWN Maine 04330 ZIP

Property Owner's Address: _____
(If different from above) STREET

_____ TOWN STATE ZIP

SPECIFIC INSTRUCTIONS TO THE:

LPI:

If any of the variances exceed your approval authority and/or do not meet all of the requirements listed under the Limitations Section above, they you are to send this Replacement System Variance Request, along with the Application, to the Department for review and approval consideration before issuing a Permit. (See reverse side for Comments Section and your signature.)

SITE EVALUATOR:

If after completing the Application, you find that a variance for the proposed replacement system is needed, then complete the Replacement Variance Request with your signature on reverse side of form.

PROPERTY OWNER:

It has been determined by the Site Evaluator that a variance to the Rules is required for the proposed replacement system. This variance request is due to physical limitations of the site and/or soil conditions. Both the Site Evaluator and the LPI have considered the site/soil restrictions and have concluded that a replacement system in total compliance with the Rules is not possible.

The **OWNER** shall sign this statement. Therefore, having read both this Replacement Variance Request and the attached Application, I understand that the proposed system is not in total compliance with the Rules and hereby release all those concerned with this Variance, provided they have performed their duties in a reasonable and proper manner.

Richard P. Romney
PROPERTY OWNER'S SIGNATURE

6-5-95
DATE

| VARIANCE CATEGORY | VARIANCE REQUESTED | LIMIT OF LPI'S APPROVAL AUTHORITY | | VARIANCE REQUESTED TO: | |
|-----------------------------|---------------------------|-----------------------------------|------------------|------------------------|---------------|
| SOILS | | | | | |
| Soil Profile | Ground Water Table | to 6" | | 11 inches | |
| Soil Condition | Restrictive Layer | to 6" | | inches | |
| from HHE-200 | Bedrock | to 10" | | inches | |
| SETBACK DISTANCES (IN FEET) | FROM: | TREATMENT TANK | DISPOSAL AREA | TREATMENT TANK | DISPOSAL AREA |
| Potable Water Supplies | 1. Well: > 2000 gal/day | 100 ^a | 300 ^a | | |
| | 2. Well: < 2000 gal/day | | | | |
| | a. Neighbor's | 50 ^b | 60 ^b | | |
| | b. Property Owner's | 25' | 50' | | |
| | 3. Water Supply Line | See note 'a' | | | |
| Waterbodies | 1. Perennial | 50' | 60' | | |
| | 2. Intermittent | 15' | 20' | | |
| | 3. Manmade drainage ditch | 10' | 15' | | |
| Downhill Slope | Greater than 3:1 (33%) | 5 ^c | 10 ^c | | |
| Buildings | 1. With Basement | 5' | 10' | | |
| | 2. Without Basement | 5' | 10' | | |
| Property Line | | 4' | 5' | | |

OTHER

1. Fill extension Grade—to 3:1

2. _____
3. _____

Footnotes:

- a. This setback distance cannot be reduced by variance. See Table 6-2.
- b. Written Permission from the owner of a well is required when a replacement system will be located less than 100 feet but closer to that well than the system it is replacing.
- c. Sufficient distance shall be maintained to assure that the toe of the fill does not extend to the 3:1 slope.

Lucy N. Adams

SITE EVALUATOR'S SIGNATURE

6/5/95

DATE

LPI STATEMENT

I, George A. Swartz, LPI for the Town of Augusta have conducted an on-site inspection for the proposed replacement system and have determined to the best of my knowledge, that it cannot be installed in total compliance with the Rules, applicable Municipal Wastewater Disposal Ordinances, or the Local Shoreland Zoning Ordinance. As a result of my review of the Replacement System Variance Request, the Application, and my on-site investigation, I (check and complete either a or b):

a. (approve, disapprove) the variance request based on my authority to grant this variance. Note: If the LPI does not give his approval, he shall list his reasons for denial in Comments Section below and return to the applicant.

—OR—

b. find that one or more of the requested Variances exceeds my approval authority as LPI. I (recommend do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, he shall state his reasons in Comments Section below as to why the proposed replacement system is not being recommended.

Comments: _____

George A. Swartz

LPI'S SIGNATURE

6/6/95

DATE

FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and (does does not) give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

SIGNATURE OF THE DEPARTMENT

DATE

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

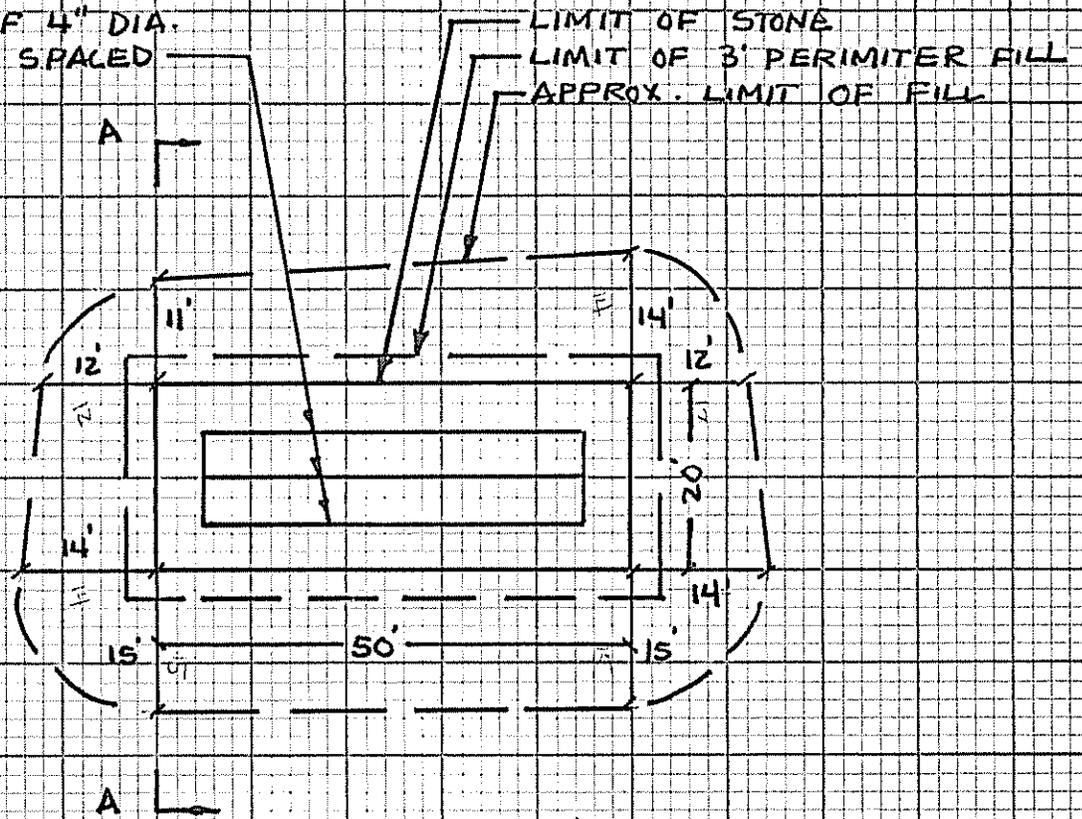
Department of Human Services
Division of Health Engineering

Town, City, Plantation: **AUGUSTA** Street, Road, Subdivision: **Rt. #17** Owners Name: **RICHARD RUMNEY**

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.

3-40' LENGTHS OF 4" DIA. PERFORATED PIPE SPALED 5' APART



SEE "NOTES FROM THE SITE EVALUATOR"

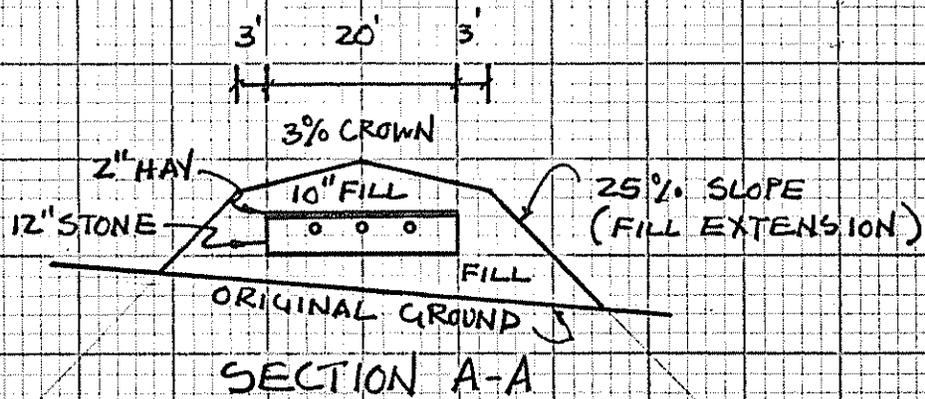
FILL REQUIREMENTS
Depth of Fill (Upslope) 31"
Depth of Fill (Downslope) 37"

CONSTRUCTION ELEVATIONS
Reference Elevation is 0'-00"
Bottom of Disposal Area - 47
Top of Distribution Lines or Chambers - 36

ELEVATION REFERENCE POINT
LOCATION & DESCRIPTION
NAIL IN COR. OF GAR.

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 inch = 5 Ft.
Horizontal: 1 inch = 20 Ft.



Tony Adams
Site Evaluator Signature

132
SE#

6/5/95
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation
AUGUSTA

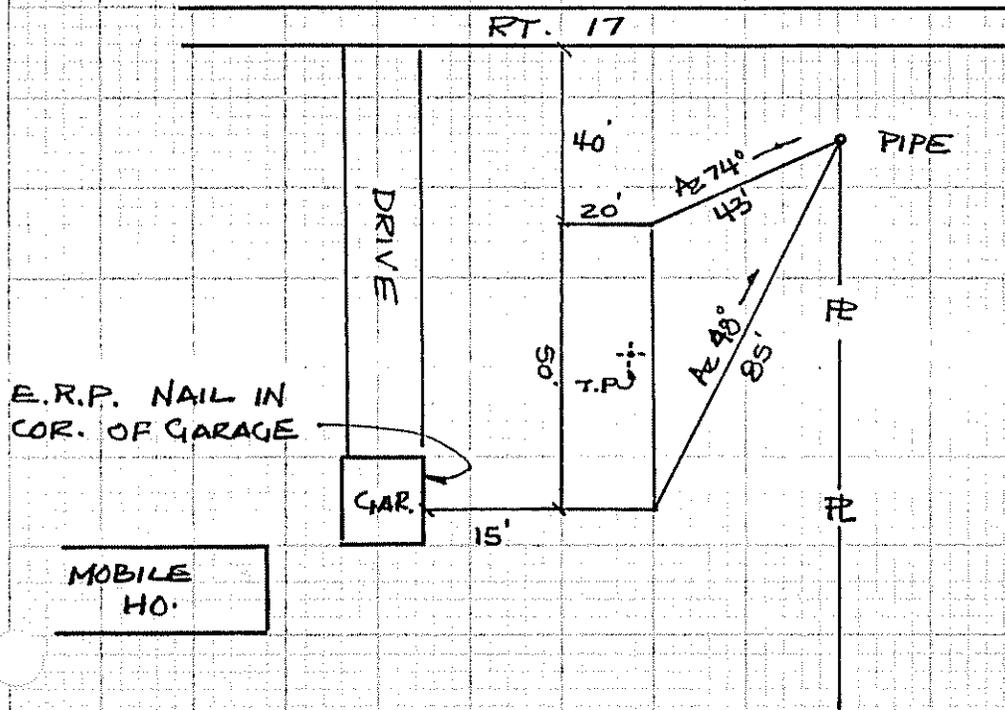
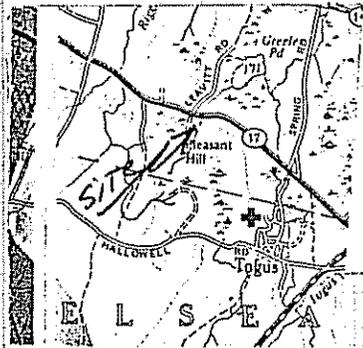
Street, Road, Subdivision
Rt. # 17

Owners Name
RICHARD RUMNEY

SITE PLAN

Scale 1" = 40' Ft.

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



SEE "NOTES FROM THE SITE EVALUATOR"

SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole / Test Pit Boring

Observation Hole / Test Pit Boring

 " Depth of Organic Horizon Above Mineral Soil

 " Depth of Organic Horizon Above Mineral Soil

| DEPTH BELOW MINERAL SOIL SURFACE (Inches) | Texture | Consistency | Color | Mottling |
|---|-----------|-------------|--------------|----------|
| 0 | LOAM | FRIABLE | BROWN | |
| 6 | | | | |
| 10 | | | YELLOW BROWN | |
| 15 | | | | EVIDENT |
| 20 | | | LIGHT BROWN | |
| 30 | SILT LOAM | VERY FIRM | | |
| 40 | | | | |
| 50 | | | | |

| DEPTH BELOW MINERAL SOIL SURFACE (Inches) | Texture | Consistency | Color | Mottling |
|---|---------|-------------|-------|----------|
| 0 | | | | |
| 6 | | | | |
| 10 | | | | |
| 15 | | | | |
| 20 | | | | |
| 30 | | | | |
| 40 | | | | |
| 50 | | | | |

Soil Profile 8 Classification D Slope 1-2 % Limiting Factor 11
 Ground Water Restrictive Layer Bedrock

Soil Profile Classification Slope % Limiting Factor
 Ground Water Restrictive Layer Bedrock

Site Evaluator Signature

SE#

Date

1. System shall be installed in accordance with the Maine State Plumbing Code.
 2. Remove vegetation from the proposed disposal area and scarify original ground before placing fill.
 3. Fill shall be clean, loamy sand placed in 8" compacted lifts.
 4. All stone shall be of uniform size, and free of fines.
 5. Site shall be graded in a manner which will divert surface water from the bed.
 6. Grass, clover, trefoil, vetch, perennial wildflowers, or other herbaceous perennials may be planted on disposal area surfaces. Woody shrubs, in conjunction with a hardy perennial groundcover, may only be used on fill extensions.
 7. If this application includes a new system variance request, it is assumed that this site is not part of a proposed subdivision.
 8. "Permit By Rule" - When the toe of fill for a system extends closer than 100' to a wetland or waterbody, even though the system itself is 100' or more from the wetland or waterbody, or when a system requires a Replacement System Variance, the applicant may be required to file a "Permit By Rule" notification form or a complete application form with the D.E.P..
- "Permit By Rule" does not take the place of any other local, state, or federal approvals which may be needed for the proposed activity. In specific instances, the activities may require a shoreland zoning permit from the town, a lease from the Bureau of Public Lands (207-289-3061) if the work extends onto state owned submerged lands, or a permit from the U.S. Army Corps of Engineers (207-623-8367).
9. If a system requires a pump, it shall be vented in accordance with standard practice. It is recommended that the required audible high water alarm be installed on the premises on a different electrical circuit from the pump.
 10. As a general rule, a septic tank should be cleaned every two years. It is recommended that no commercial septic tank additives be used.
 11. If design includes concrete chambers, the vertical dimension is assumed to be 13" thick. If other chambers are substituted, construction elevations will change.
 12. This site evaluation and design has been done in compliance with the Maine State Plumbing Code. The approval and/or design may be subject to more restrictive local ordinances. The local Plumbing Inspector is to be contacted for final review approval.
 13. By signature on this application, the client agrees with location of lot lines, wells and other physical features shown and further agrees to limit North By East Associates liability to the original cost of installation of the system or North By East Associates' total fee for services rendered on this project, whichever is greater.