

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

MS 223C
 Department of Human Services
 Division of Health Engineering
 (207)289-3826

PROPERTY ADDRESS

| | |
|--------------------------|-------------|
| Town Or Plantation | AUGUSTA |
| Street Subdivision Lot # | 64 WARD RD. |

PROPERTY OWNERS NAME

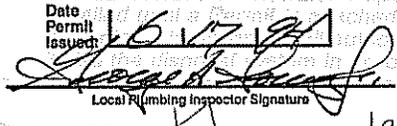
Last: GRONDIN First: DAVID

Applicant Name: _____

Mailing Address of Owner/Applicant (If Different): P.O. BOX 2401 AUGUSTA, ME. 04338

AUGUSTA, MAINE 04304 TOWN COPY

Date Permit Issued: 6/17/94 \$ 60.00 FEE Double Fee Charged


 Local Plumbing Inspector Signature

L.P.I. # 1008

Call Inspector 9/11/94 1/27/94

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.

David Grondin 6/14/94
 Signature of Owner/Applicant Date

Caution: Inspection Required

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

Nancy R. ...
 Local Plumbing Inspector Signature

7/20/94
 Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

1. NEW SYSTEM
2. REPLACEMENT SYSTEM
3. EXPANDED SYSTEM
4. EXPERIMENTAL SYSTEM

SEASONAL CONVERSION

to be completed by the LPI

5. SYSTEM COMPLIES WITH RULES
6. CONNECTED TO SANITARY SEWER
7. SYSTEM INSTALLED - P# _____
8. SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:

1. BED
2. CHAMBER
3. TRENCH
4. OTHER: _____

SIZE OF PROPERTY

ZONING

4 ± ACRES

THIS APPLICATION REQUIRES:

1. NO RULE VARIANCE
2. NEW SYSTEM VARIANCE
Attach New System Variance Form
3. REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
 - a. Requiring Local Plumbing Inspector Approval
 - b. Requires State and Local Plumbing Inspector Approval
4. MINIMUM LOT SIZE VARIANCE

DISPOSAL SYSTEM TO SERVE:

1. SINGLE FAMILY DWELLING
2. MODULAR OR MOBILE HOME
3. MULTIPLE FAMILY DWELLING
4. OTHER _____
SPECIFY

INSTALLATION IS:

COMPLETE SYSTEM

1. NON-ENGINEERED SYSTEM
 2. PRIMITIVE SYSTEM
(Includes Alternative Toilet)
 3. ENGINEERED (+ 2000 gpd)
- INDIVIDUALLY INSTALLED COMPONENTS:
4. TREATMENT TANK (ONLY)
 5. HOLDING TANK _____ GAL
 6. ALTERNATIVE TOILET (ONLY)
 7. NON-ENGINEERED DISPOSAL AREA (ONLY)
 8. ENGINEERED DISPOSAL AREA (ONLY)
 9. SEPARATED LAUNDRY SYSTEM

TYPE OF WATER SUPPLY
WELL TO BE AT LEAST 100' FROM SYSTEM

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. SEPTIC: Regular Low Profile
2. AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION

1. NONE
2. LOW VOLUME TOILET
3. SEPARATED LAUNDRY SYSTEM
4. ALTERNATIVE TOILET
SPECIFY: _____

PUMPING

1. NOT REQUIRED
2. MAY BE REQUIRED
(DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
3. REQUIRED
DOSE: _____ GALS.

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

3 BEDROOM RESIDENTIAL

SOIL CONDITIONS USED FOR DESIGN PURPOSES

| PROFILE | CONDITION |
|----------|-----------|
| <u>2</u> | <u>A</u> |

DEPTH TO LIMITING FACTOR: 17

SIZE RATINGS USED FOR DESIGN PURPOSES

1. SMALL
2. MEDIUM
3. MEDIUM-LARGE
4. LARGE
5. EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

1. BED _____ Sq. Ft.
2. CHAMBER _____ Sq. Ft.
 REGULAR H-20
3. TRENCH _____ Linear Ft.
4. OTHER: _____

DESIGN FLOW: 270

(GALLONS/DAY)

SITE EVALUATOR STATEMENT

On 6/9/94 (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.

NORTH BY EAST ASSOC.
Stephen G. Kahn
 Site Evaluator Signature

320
 SE#

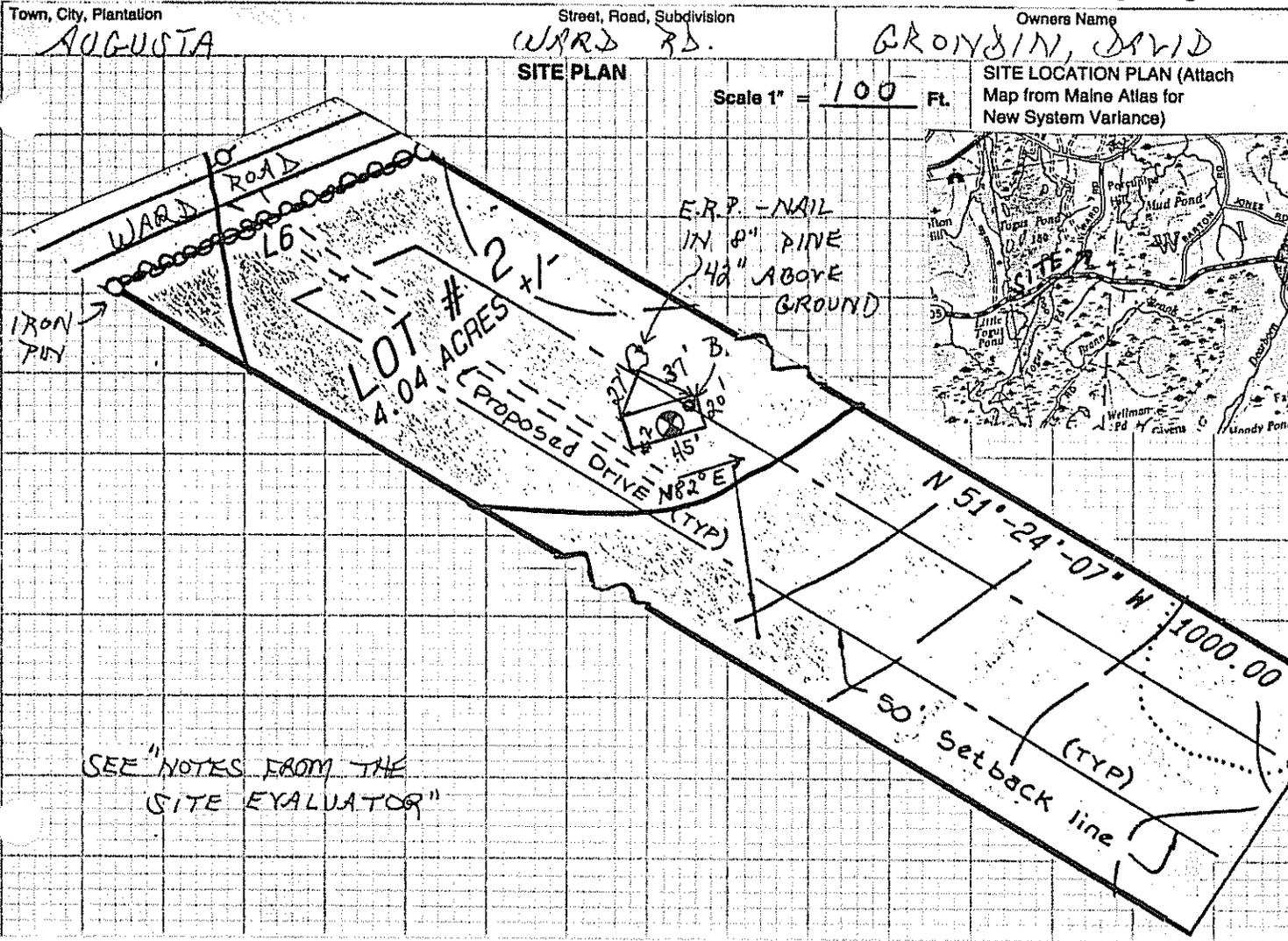
6/9/94
 Date

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

SOA4-034

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering



SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole 1 Test Pit Boring

" Depth of Organic Horizon Above Mineral Soil

| DEPTH BELOW MINERAL SOIL SURFACE (Inches) | Texture | Consistency | Color | Mottling |
|---|---------|-------------|--------------|----------|
| 0 | SANDY | FRAIBLE | DR. BROWN | |
| 6 | LAM | | REDDISH | |
| 10 | | | BROWN | |
| 15 | | | | |
| 20 | | | YELLOW BROWN | NONE |
| 25 | | | | |
| 30 | | | | |
| 35 | | | | |
| 40 | | | | |
| 45 | | | | |
| 50 | | | | |

| | | | | |
|------------------------|--|--------------------|----------------------------|---|
| Soil Profile: <u>2</u> | Classification Condition: <u>A III</u> | Slope: <u>22</u> % | Limiting Factor: <u>22</u> | <input type="checkbox"/> Ground Water |
| | | | | <input type="checkbox"/> Restrictive Layer |
| | | | | <input checked="" type="checkbox"/> Bedrock |

Observation Hole 2 Test Pit Boring

" Depth of Organic Horizon Above Mineral Soil

| DEPTH BELOW MINERAL SOIL SURFACE (Inches) | Texture | Consistency | Color | Mottling |
|---|---------|-------------|---------|----------|
| 0 | | | | |
| 6 | | | | |
| 10 | | | TYPICAL | |
| 15 | | | | |
| 20 | | | | |
| 25 | | | | |
| 30 | | | | |
| 35 | | | | |
| 40 | | | | |
| 45 | | | | |
| 50 | | | | |

| | | | | |
|------------------------|--|---------------------|----------------------------|---|
| Soil Profile: <u>2</u> | Classification Condition: <u>A III</u> | Slope: <u>2.3</u> % | Limiting Factor: <u>L7</u> | <input type="checkbox"/> Ground Water |
| | | | | <input type="checkbox"/> Restrictive Layer |
| | | | | <input checked="" type="checkbox"/> Bedrock |

NORTH BY EAST ASSOC.

Kathleen S. Kahal
Site Evaluator Signature

320

SE#

4/9/94
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

Street, Road, Subdivision

Owners Name

AUGUSTA

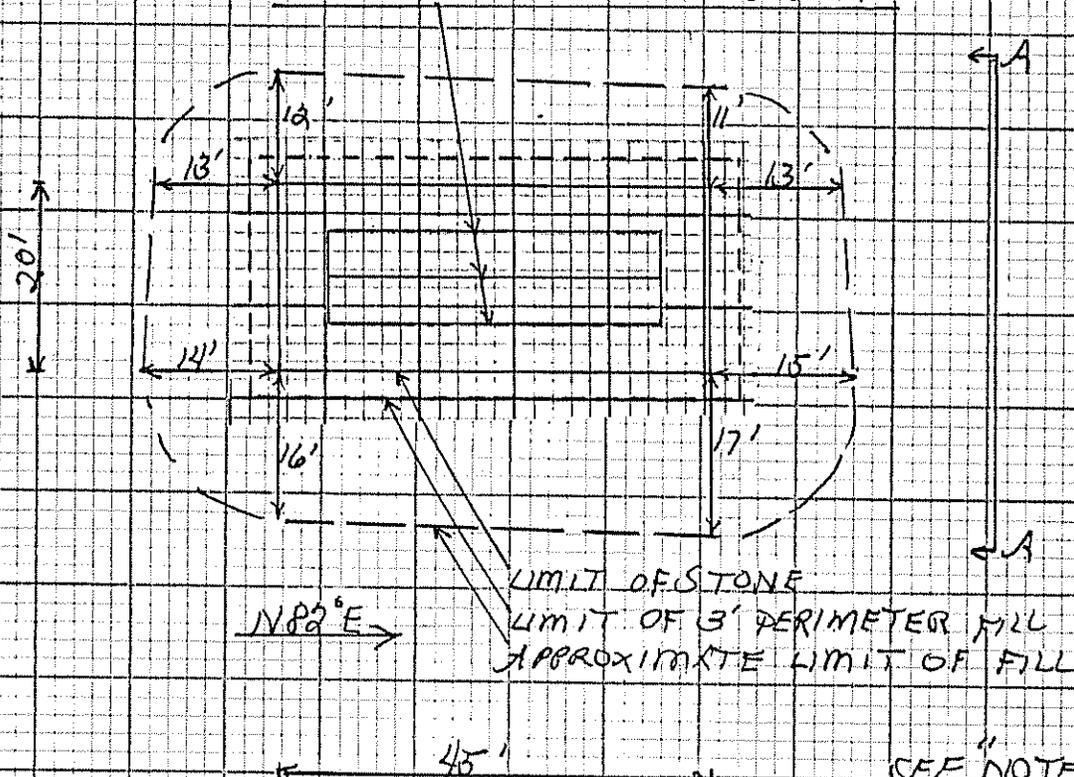
WARD RD.

GRONDIN, DAVID

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.

3-35' LENGTHS OF 4" DIAMETER PERFORATED PIPE SPACED 5' APART



SEE "NOTES FROM THE SITE EVALUATOR"

FILL REQUIREMENTS

Depth of Fill (Upslope)

31"

Depth of Fill (Downslope)

40"

CONSTRUCTION ELEVATIONS

Reference Elevation is

0'00"

Bottom of Disposal Area

-43"

Top of Distribution Lines or Chambers

-32"

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

NAIL IN 8" PINE TREE

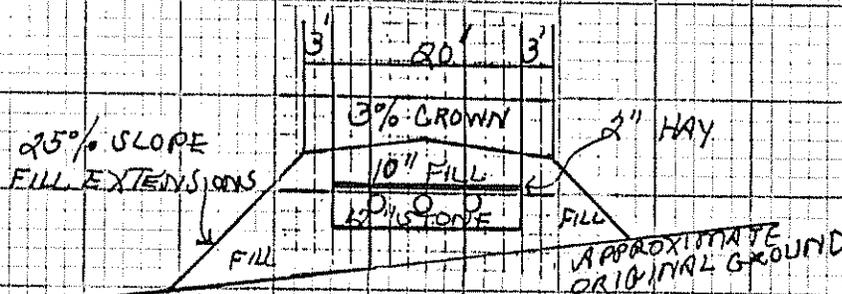
42" ABOVE GROUND

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 inch = 5 Ft.

Horizontal: 1 inch = 20 Ft.



SECTION A-A

NORTH BVEAST ASSOC.
John E. Kahl
Site Evaluator Signature

320
SE#

6/9/92
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.