SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS

Town Or Plantation	Augusta
Street Subdivision Lot #	Hemlock Terrace Lot #7

PROPERTY OWNERS NAME

Last: Johnson First: Philip

Applicant Name:	18 Summer Street
Malling Address of Owner/Applicant (If Different)	Hallowell Me 04347

AUGUSTA Location PERMIT # 959 TOWN COPY

Date Permit Issued: 12/16/86 $ 100.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 0120

86-6

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.

Joseph Johnson — 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.

George Lowery — Local Plumbing Inspector Signature — 5-15-87 Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

1. ☒ NEW SYSTEM
2. ☐ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ SEASONAL CONVERSION
5. ☐ EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

1. ☒ NO RULE VARIANCE REQUIRED
2. ☐ NEW SYSTEM VARIANCE Attach New System Variance Form
   ☐ REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form
3. ☐ Requiring Local Plumbing Inspector Approval
4. ☐ Requires State and Local Plumbing Inspector Approval

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
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:

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

DISPOSAL SYSTEM TO SERVE:

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

SIZE OF PROPERTY	ZONING	TYPE OF WATER SUPPLY
1.5 ac±	Residential	City Water

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.)

DEC 15 1986 11:15

4 bedroom

Minimum

DESIGN FLOW: 360 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3	C

DEPTH TO LIMITING FACTOR: 23.

SIZE RATINGS USED FOR DESIGN PURPOSES

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

DISPOSAL AREA TYPE/SIZE

1. ☒ BED 1200 Sq. Ft.
2. ☐ CHAMBER _____ Sq. Ft.
   ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

SITE EVALUATOR STATEMENT

(☐ SITE EVALUATION WAIVED BY LOCAL OPTION)

On Dec 10, 1986 (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.

William P Brown — Site Evaluator Signature — 188 — SE# — 12/10/86 — Date

* Local Plumbing Inspectors Signature if a Local Site Evaluation Waiver under a Local Option

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

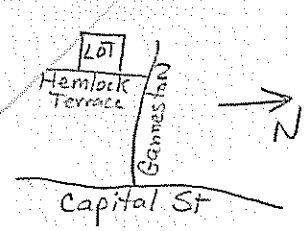
Department of Human Services
Division of Health Engineering

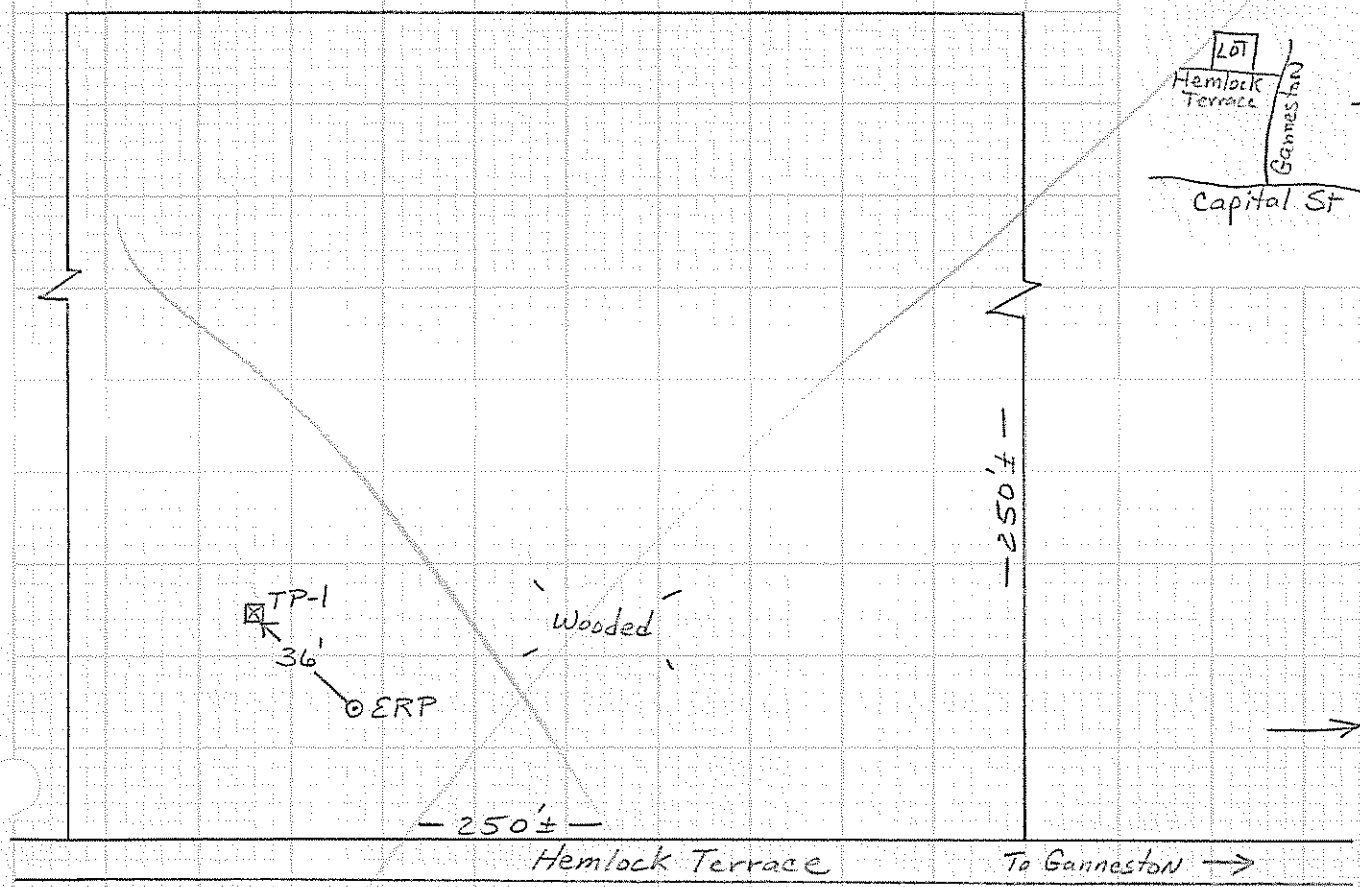
Town, City, Plantation	Street, Road, Subdivision	Owners Name
Augusta	Hemlock Terrace	Philip Johnson

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 TP-1 ☒ Test Pit ☐ Boring

1/2 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistency	Color	Mottling
0–6	Loam		Dark Brown	
6–15	Sandy Loam	FRIABLE	Orange Brown	NONE
15–30				Common
30–50		FIRM	Olive Brown	

Soil Profile	Classification Condition	Slope	Limiting Factor	
3	C	10 %	23"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistency	Color	Mottling
0–50				

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

William P Brown
Site Evaluator Signature

188
SE#

12/10/86
Date

HHE-200 Rev.1/84

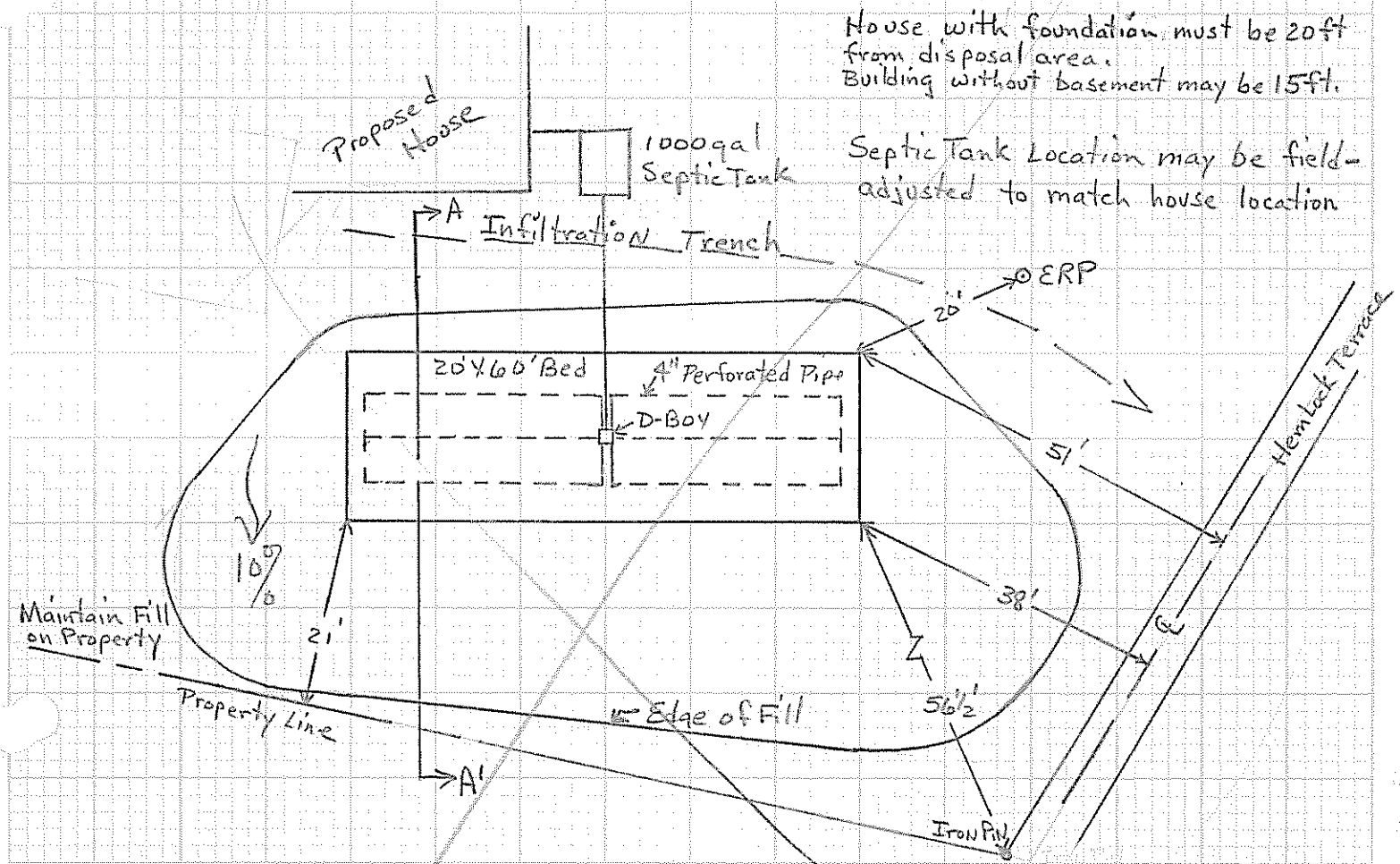
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
Augusta	Hemlock Terrace	Philip Johnson

SUBSURFACE WASTEWATER DISPOSAL PLAN

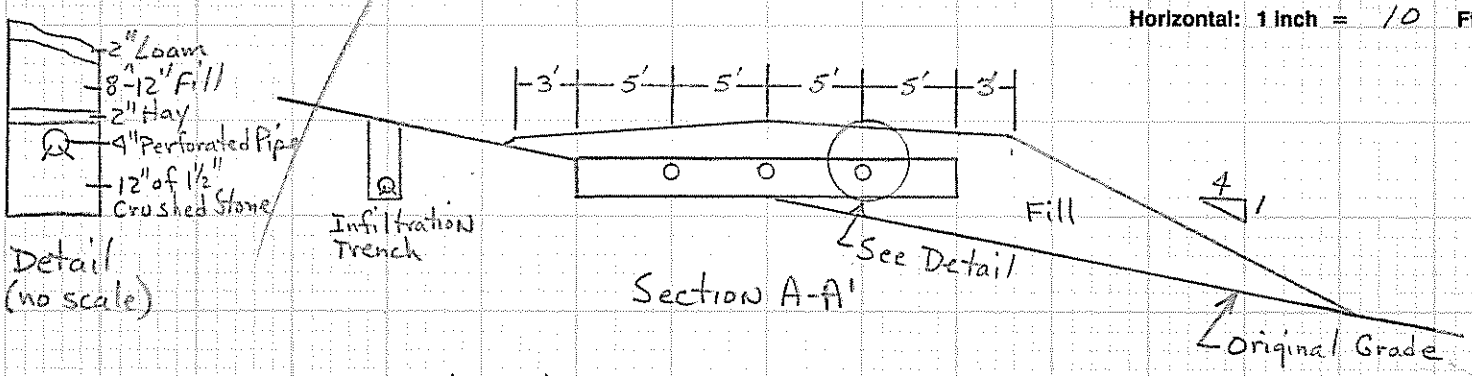
Scale 1" = 20 Ft.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	9-20"	Reference Elevation is	00"	Flagged nail in 12 inch diameter
Depth of Fill (Downslope)	30"	Bottom of Disposal Area	-51"	White Birch, 2ft. above ground
		Top of Distribution Lines or Chambers	-40"	

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 Inch = 5 Ft.
Horizontal: 1 Inch = 10 Ft.



- Remove Stumps in disposal area
- Scarify soil in entire fill area
- all fill shall be sandy loam or coarser
- Crown finish grade from center at 3% or slope all one way
- Infiltration Trench must be at least 2ft deep
- Loam & Seed disturbed areas

William P Brown	188	12/10/86
Site Evaluator Signature	SE#	Date

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Division of Health Engineering
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PROPERTY OWNERS NAME

Last: Johnson First: Philip

Applicant Name:	18 Summer Street
Mailing Address of Owner/Applicant (If Different)	Hallowell, Me 04347

Caution: Permit Required

The Subsurface Wastewater Disposal System shall not be installed until a Permit is attached here by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

OK

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.

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.

Local Plumbing Inspector Signature _____ Date Approved _____

PERMIT INFORMATION

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DISPOSAL SYSTEM TO SERVE:

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DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

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SIZE: 1000 GALS.

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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.)

4 bedroom minimum

DESIGN FLOW: 360 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3	C

DEPTH TO LIMITING FACTOR: 23.

SIZE RATINGS USED FOR DESIGN PURPOSES

1. ☐ SMALL
2. ☐ MEDIUM
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4. ☐ LARGE
5. ☐ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

1. ☒ BED 1400 Sq. Ft.
2. ☐ CHAMBER _____ Sq. Ft.
   ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

SITE EVALUATOR STATEMENT

(☐ SITE EVALUATION WAIVED BY LOCAL OPTION)

On April 29, 1987 (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.

William P Brown — Site Evaluator Signature
188 — SE#
4/29/87 — Date

* Local Plumbing Inspectors Signature if a Local Site Evaluation Waiver under a Local Option

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Division of Health Engineering

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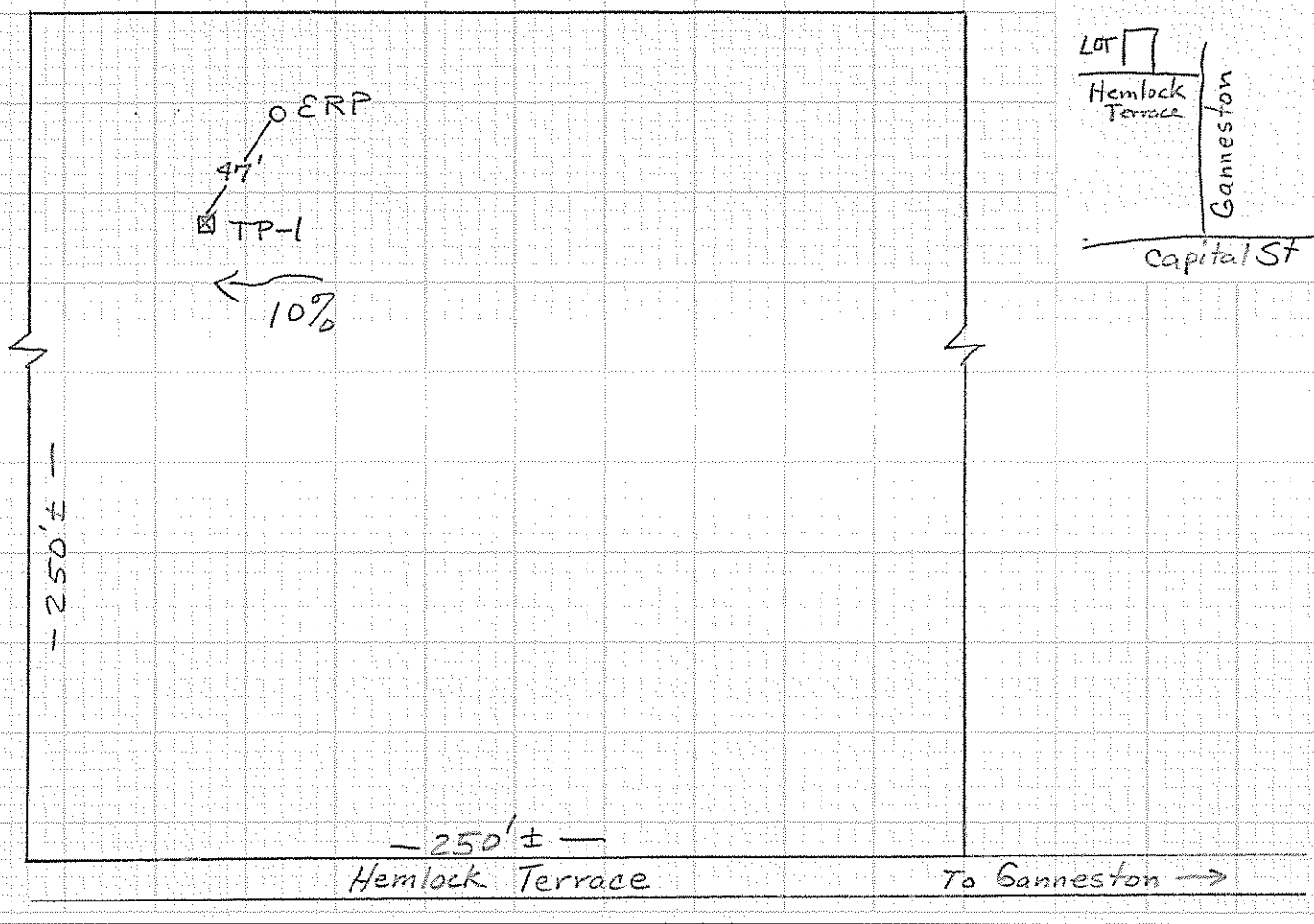
Scale 1" = 50 Ft.



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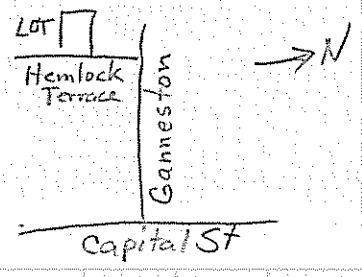

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

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1/2" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
Sandy Loam	Friable	Dark Brown; Yellow Brown	None
Loamy Sand	FIRM	Light Brown; Olive Brown	Common

Soil Profile	Classification Condition	Slope	Limiting Factor	
3	C	10 %	23"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole _____ ☐ Test Pit ☐ Boring

_____" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

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Soil Profile	Classification Condition	Slope	Limiting Factor	
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Site Evaluator Signature

188
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SUBSURFACE WASTEWATER DISPOSAL PLAN

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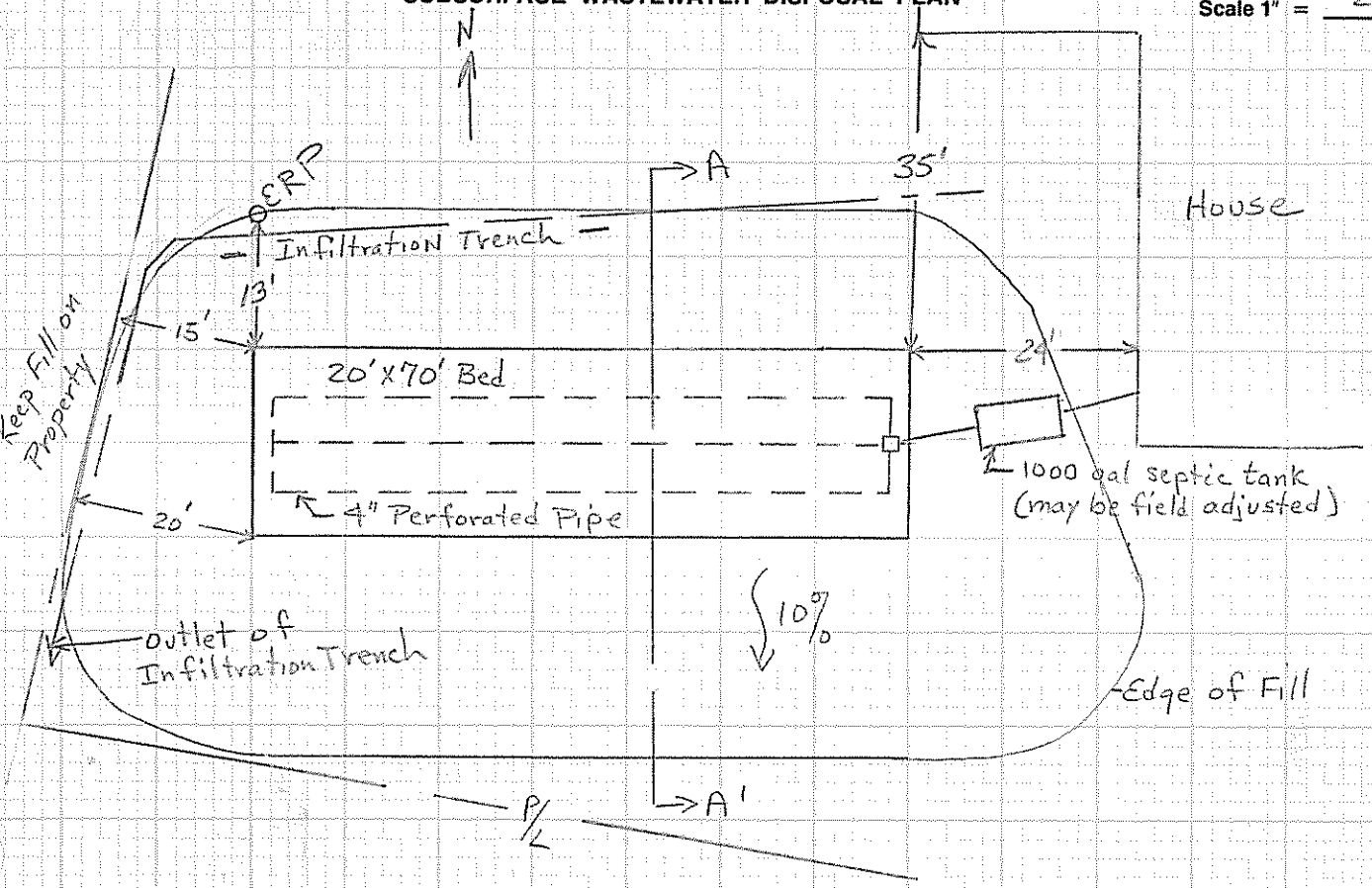
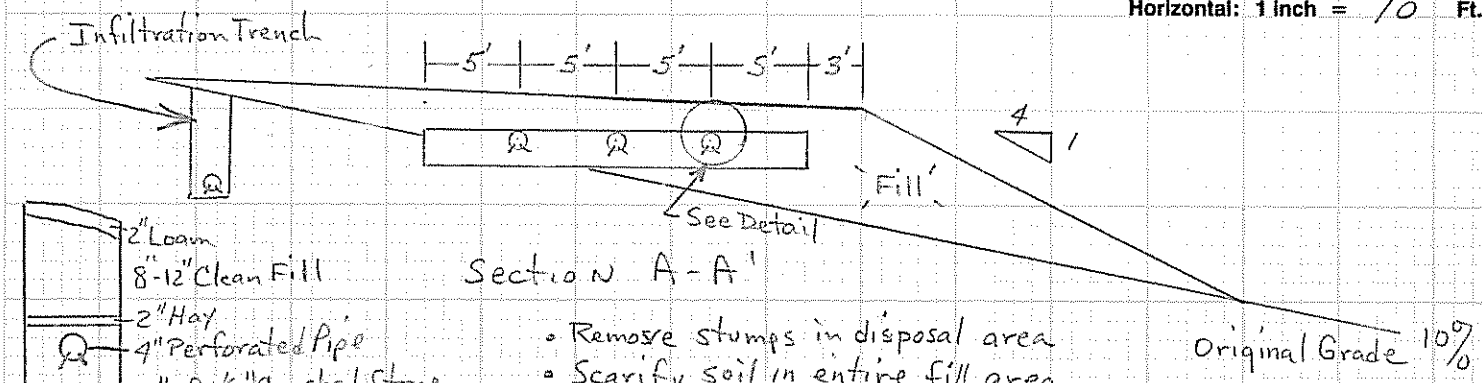


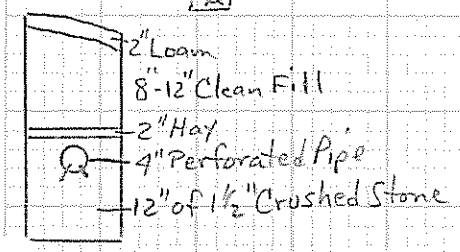
FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	15"	Reference Elevation is	00"	Flagged nail in 8" Ash Tree, 2ft above ground
Depth of Fill (Downslope)	33"	Bottom of Disposal Area	-54"	
		Top of Distribution Lines or Chambers	-43"	

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 inch = 5 Ft.
Horizontal: 1 inch = 10 Ft.



Section A-A'



Detail

- Remove stumps in disposal area
- Scarify soil in entire fill area
- Construct Infiltration Trench minimum 30" Deep
- All fill shall be sandy loam or coarser
- Slope finish grade all one way at 3%
- Loam, seed, mulch to prevent erosion
- Divert surface water from Bed

William P Brown	188	4/29/87
Site Evaluator Signature	SE#	Date

HHE-200 Rev.1/84