M3 L34

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY ADDRESS

Town Or Plantation	Augusta
Street 075 Subdivision Lot #	Church Hill Road

PROPERTY OWNERS NAME

Last: Peterson First: Daniel & Kathleen

Applicant Name:	Fletcher, Walter
Mailing Address of Owner/Applicant (If Different)	294 U.S. Route 1 South Freeport, Maine 04032

AUGUSTA 2878 TOWN COPY

Date Permit Issued: 12 2 93 $ 60.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 1804

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 10/22/93 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 6-5-94 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 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

SIZE OF PROPERTY	ZONING
14.39 AC.	Rural

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
Drilled (Proposed)

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ SEPTIC: ☐ Regular ☐ Low Profile
2. ☐ AEROBIC (May be needed
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: 30 – 50 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
4 Bedroom Dwelling – Minimum design flow plus 22%

DESIGN FLOW: 440 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
2	AIII/B

DEPTH TO LIMITING FACTOR: 16

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 750 Sq. Ft. ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

SITE EVALUATOR STATEMENT

On Oct. 22, 1993 (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.

David P. Rocque — Site Evaluator Signature
154 — SE#
10/22/93 — Date

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

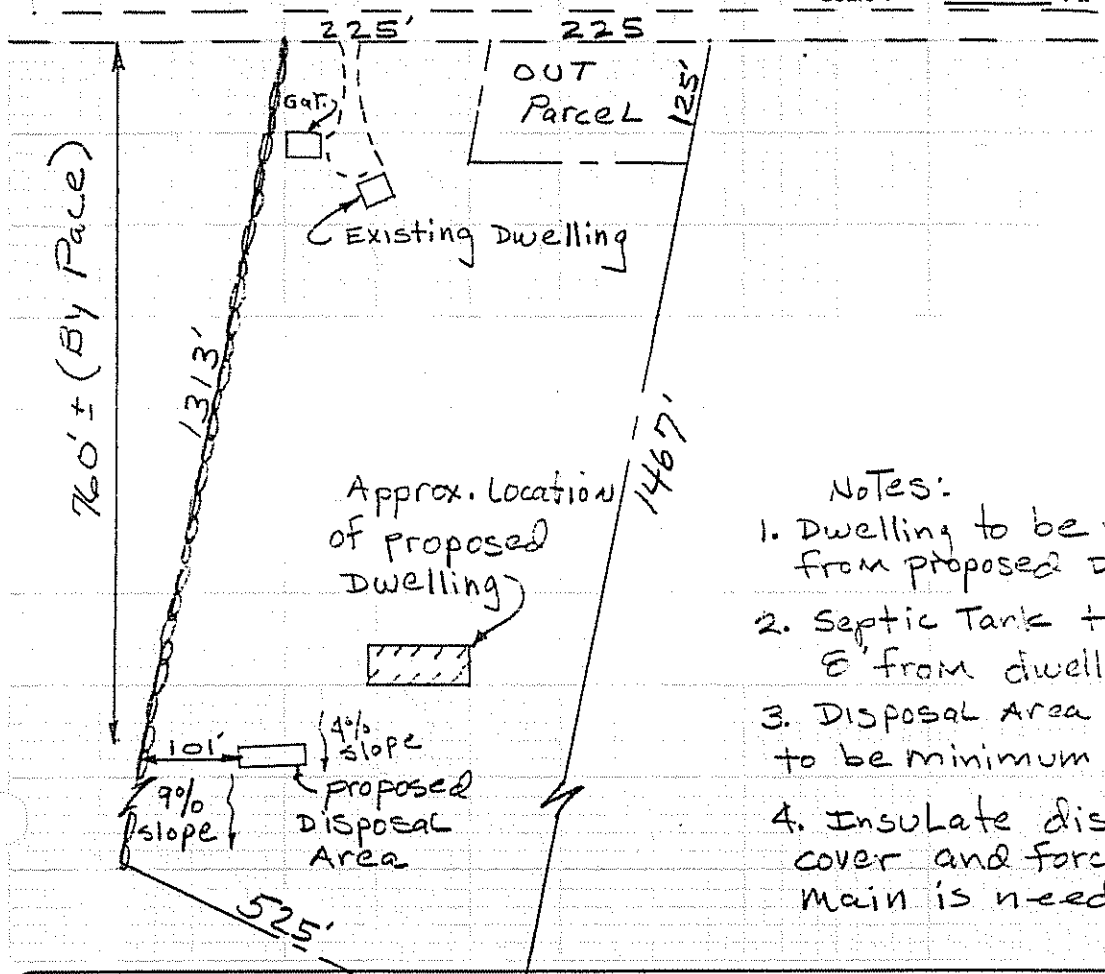
Town, City, Plantation: AUGUSTA

Street, Road, Subdivision: CHURCH HILL ROAD

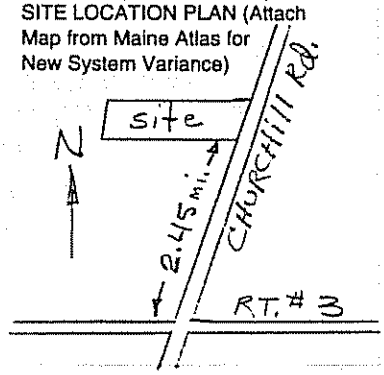
Owners Name: Daniel + Kathleen Peterson

SITE PLAN

Scale 1" = 200 Ft.



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



Notes:

1. Dwelling to be minimum of 20' from proposed Disposal Area.
2. Septic Tank to be minimum of 8' from dwelling.
3. Disposal Area and septic Tank to be minimum 100' from well.
4. Insulate distribution box cover and force main if force main is needed.

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

Observation Hole TP1 TP2 TP4 ☒ Test Pit ☐ Boring

SOD " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
Gravelly Fine Sandy Loam	friable	Dark Brown	NONE observed
		Strong Brown	
		Light Brown	
Refusal (assumed Bedrock)			

Soil Profile	Classification Condition	Slope %	Limiting Factor	☐ Ground Water ☐ Restrictive Layer ☒ Bedrock
2	AIII/B	9	27"-29"	

Observation Hole TP3 ☒ Test Pit ☐ Boring

SOD " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
gravelly Fine Sandy Loam	friable	Dark Brown	NONE observed
		Dark Yellow Brown	
Refusal (assumed Bedrock)			

Soil Profile	Classification Condition	Slope %	Limiting Factor	☐ Ground Water ☐ Restrictive Layer ☒ Bedrock
2	AIII/B	4	16"	

David P. Rocque
Site Evaluator Signature

154
SE#

10/22/93
Date

HHE-200 Rev. 1/84

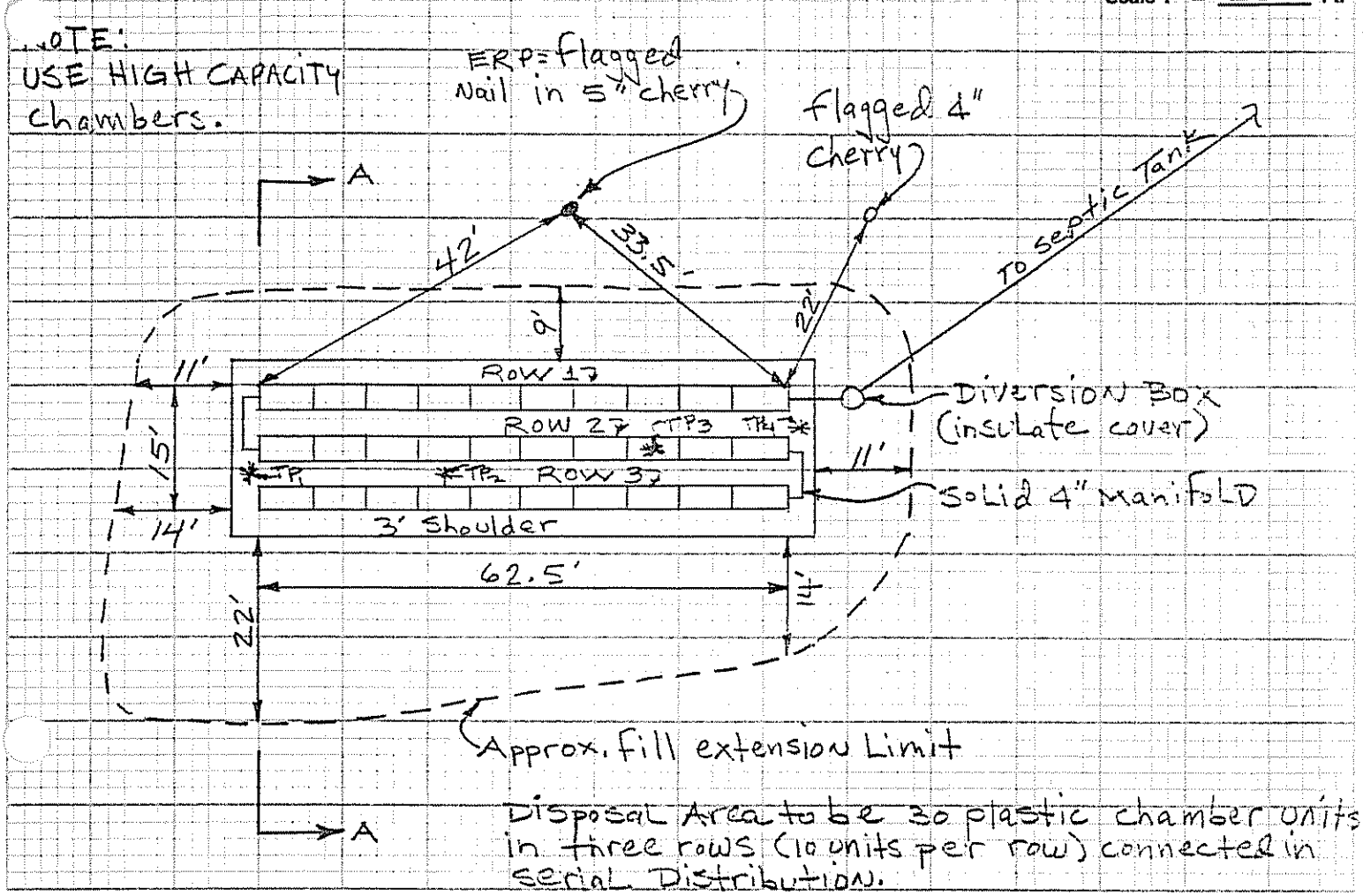
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	CHURCH HILL ROAD	Daniel & Kathleen Peterson

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



Disposal Area to be 30 plastic chamber units in three rows (10 units per row) connected in serial Distribution.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	32"	Reference Elevation is	0"	flagged Nail in 5" cherry tree
Depth of Fill (Downslope)	32-43"	Bottom of Disposal Area	See below	
		Top of Distribution Lines or Chambers	—	

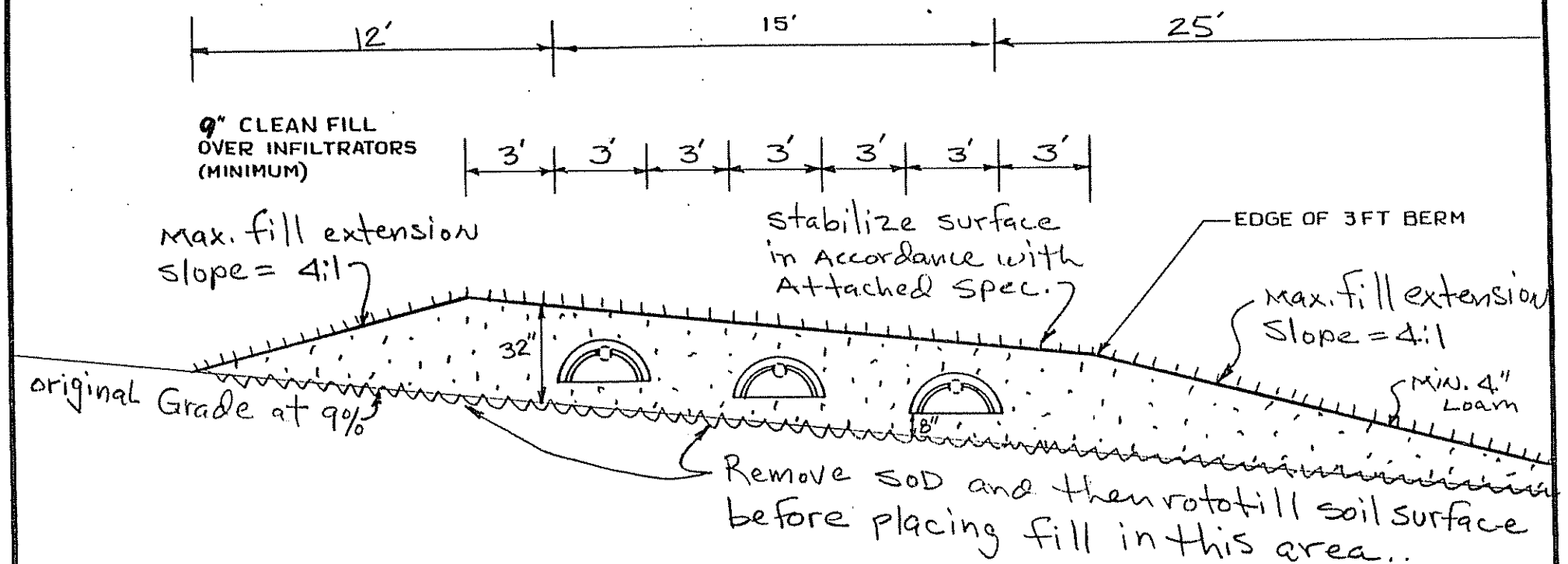
DISPOSAL AREA CROSS SECTION

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

Row No.	Bottom Trench	Top Chambers	
1.	-34"	-18"	36 ~~18~~ 54
2.	-37"	-21"	57
3.	-40"	-24"	60

David P. Rocque — Site Evaluator Signature
154 — SE#
10/22/93 — Date

INFILTRATOR CRO SECTION 9-10%



NOTES:

1. REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER INFILTRATORS AND FILL EXTENSION AREAS.
2. BOTTOM OF INFILTRATORS TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.
3. PROVIDE FOR SURFACE DRAINAGE AWAY FROM INFILTRATOR AREA.
4. FINISHED GRADE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION.

ORIGINAL GRADE 9%

FILL UNDER INFILTRATORS TO BE Loamy Gravelly Sharp Sand TEXTURE.

FILL AROUND INFILTRATORS TO BE Loamy Gravelly Sharp Sand TEXTURE.

SITE EVALUATOR: David P. Rocque		
OWNER: Daniel + Kathleen Peterson	NUMBER OF INFILTRATORS: 30	PERCENT SLOPE: 4%-9%
LOCATION: AUGUSTA CHURCH HILL ROAD	ELEVATIONS: REFERENCE PT. 0	BOTTOM TRENCH #1 -34"
DATE: 10/22/93 / SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -37"	BOTTOM TRENCH #3 -40"