H 622-9712 W 582-3404

LPI Copy

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY ADDRESS

Town Or Plantation	Augusta
Street Division Lot #	825 Riverside Drive

PROPERTY OWNERS NAME

Last: Palmer First: Karen

Applicant Name:	same
Mailing Address of Owner/Applicant (If Different)	RFD 1 Box 85 Augusta Maine 04330

Caution: Permit Required

AUGUSTA 1746 TOWN COPY

Date Permit Issued: 9 22 89 $ 40.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 850

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.

Karen Palmer
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 Oct. 26, 1989

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# _____
☐ SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:
YEAR FAILING SYSTEM INSTALLED 30 ies
THE FAILING SYSTEM IS:
1. ☐ BED 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: cess pool

SIZE OF PROPERTY: 32 Acres
ZONING: Rur - Res

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
Public 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.)
4 bedroom home
Mod. design flow
360 3 bedroom
120 @ additional bedroom
480 gals/day ref. State Code Table 7-1
DESIGN FLOW: 480 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
4	C

DEPTH TO LIMITING FACTOR: 18.

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

SITE EVALUATOR STATEMENT

On July 18, 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.

Kathleen M. Redmond — Site Evaluator Signature
229 — SE#
July 20, 1989 — Date

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

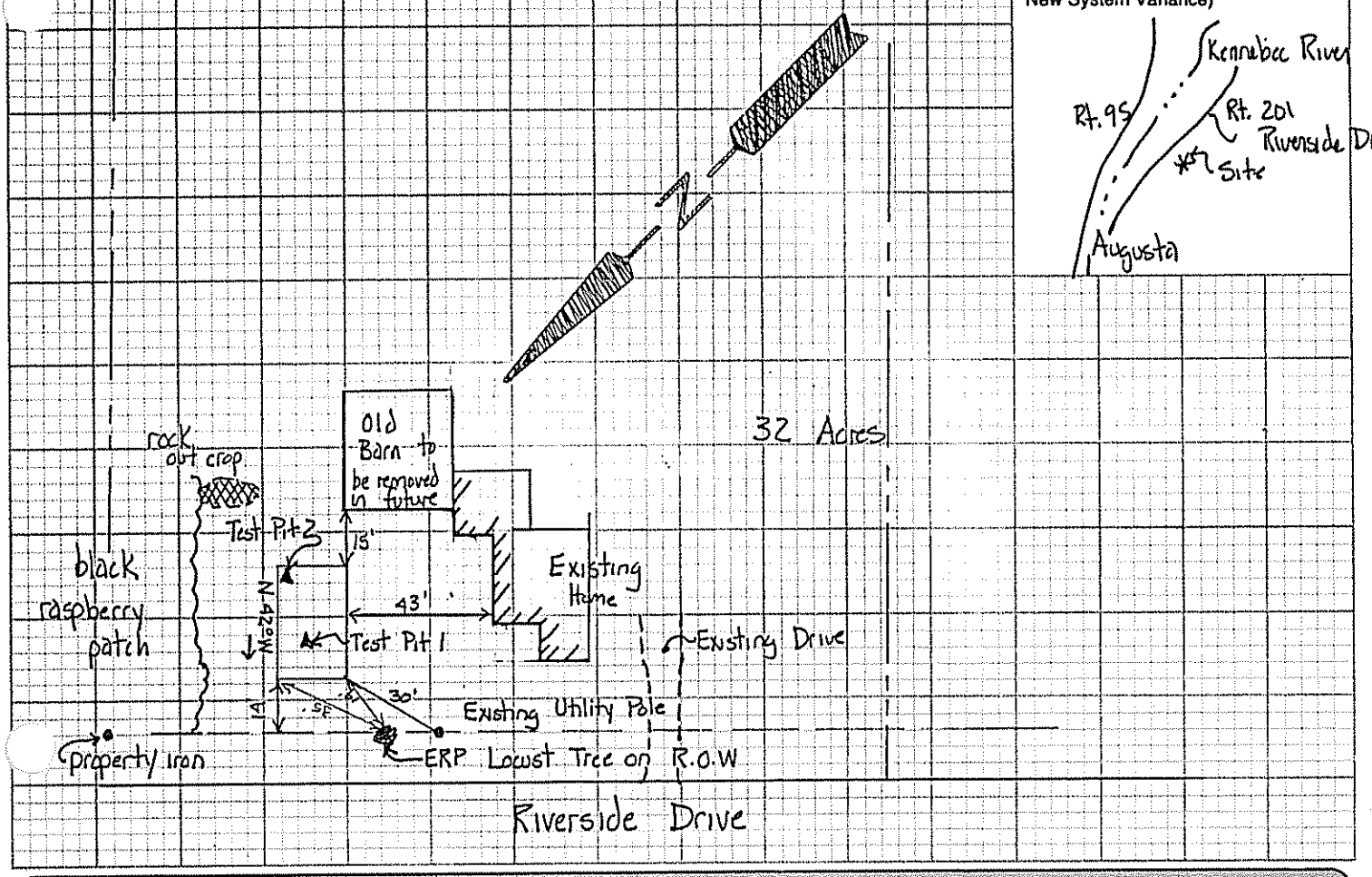
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

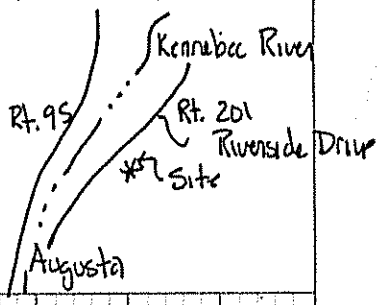
Town, City, Plantation: Augusta
Street, Road, Subdivision: 825 Riverside Drive
Owners Name: Karen Palmer

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: Test Pit 1 (back hoe) ☒ Test Pit ☐ Boring
lawn area " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
fine loamy sand	friable	dk olive brown	Many fine roots to 23"
stoney to cobb.		bright orange	
fine loamy sand	becomming compact & firm w/ depth	olive yellow	Common

Soil	Classification	Slope	Limiting Factor	
A (Profile)	C (Condition)	____ %	18"	☑ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole: Test Pit 2 (back hoe) ☒ Test Pit ☐ Boring
lawn area " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
loam		dk brown	
deep to cobb.		orange	
stoney fine loamy sand to sandy loam	friable throughout	yellow	
		olive yellow	
		LOE	

Soil	Classification	Slope	Limiting Factor	
4 (Profile)	B (Condition)	____ %	none observed	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Kathleen M. Redman
Site Evaluator Signature

229
SE#

July 20, 1989
Date

HHE-200 Rev.1/84

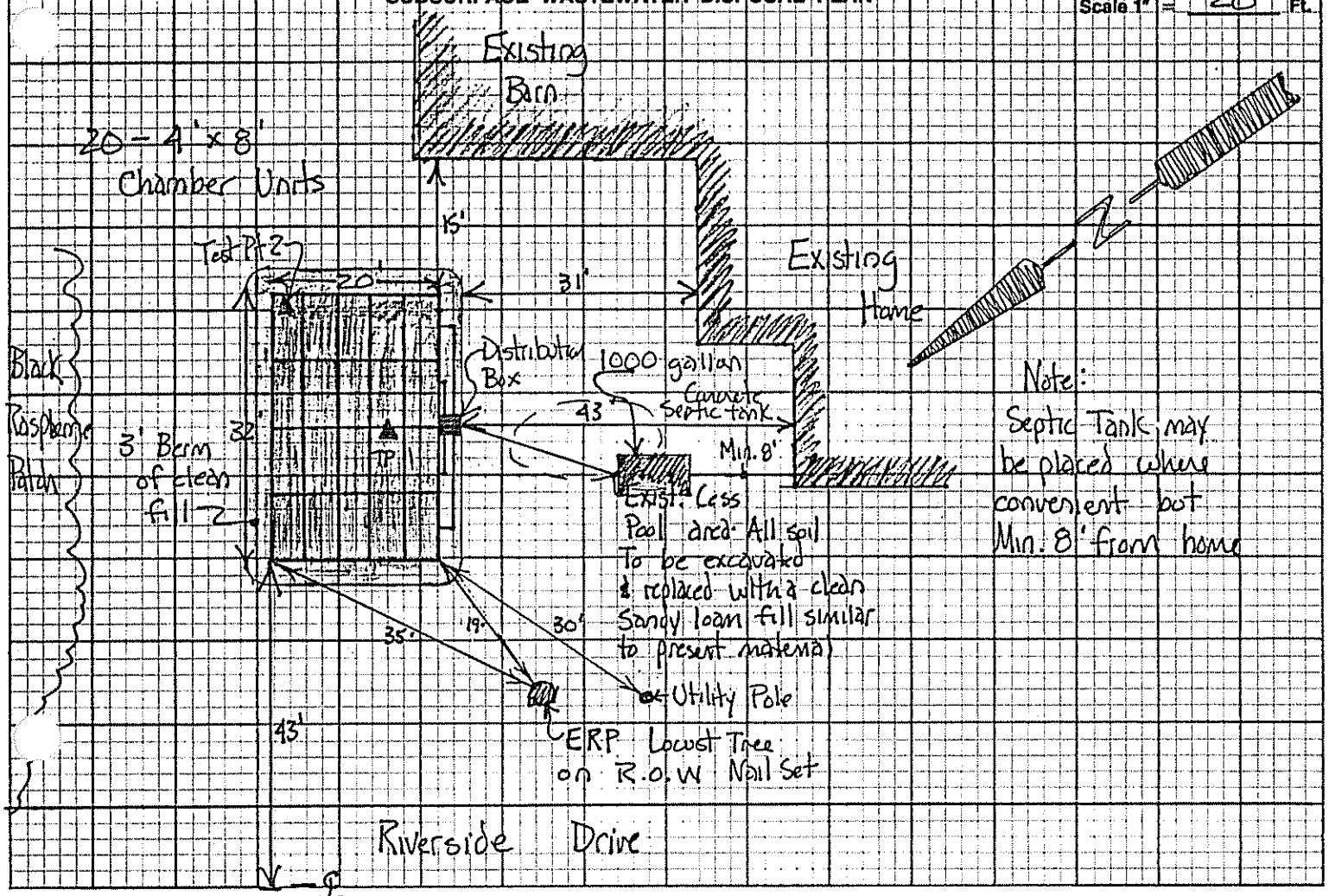
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
Augusta	825 Riverside Drive	Karen Palmer

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope) 14"
Depth of Fill (Downslope) 24"

CONSTRUCTION ELEVATIONS

Reference Elevation is 00
Bottom of Disposal Area - 56"
Top of Distribution Lines or Chambers - 43"

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

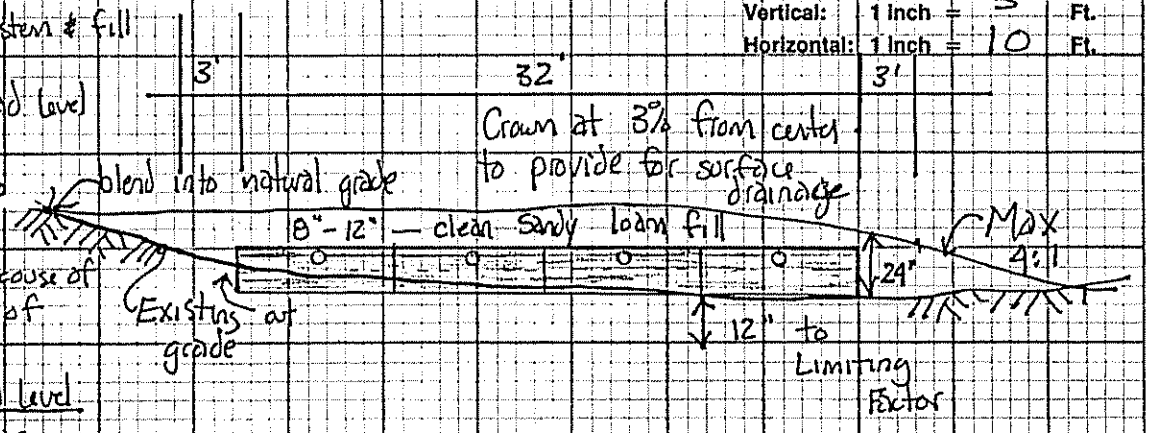
PK Nail Set & flagged in 8" Lowest Tree on R.O.W.

Directions from Bottom Up

- Scarify all ground under system & fill extentions.
- Cut bottom of bed dead level to elevation noted.
- Bring bottom of system up to grade - in area where material was excavated because of cesspool - with 8" lifts of clean Sandy Loam fill.
- Place chamber units dead level as indicated on Site Plan.
- Cover with 8"-12" of Clean Sandy Loam fill Crowned at 3% from center.

DISPOSAL AREA CROSS SECTION

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



* Loam & Seed all disturbed soil Immediately after construction!

Kathleen M Richard — Site Evaluator Signature
229 — SE#
July 20, 1989 — Date