called 10-31-88 4:30

# 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 # | BLAIR ROAD BLAIR ESTATES – LOT 2 |

## PROPERTY OWNERS NAME

Last: DEMOS First: CATHY

| | |
|---|---|
| Applicant Name: | Catherine Demos |
| Mailing Address of Owner/Applicant (If Different) | 70 Glenridge Dr. 289-3411 or 622-7104 |

6-45I

AUGUSTA PERMIT # 1,465 TOWN COPY

Date Permit Issued: 10/31/88 $ 10.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 108

### 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.*

Catherine Demos

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 11/4/88

## 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: _____

**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

| SIZE OF PROPERTY | ZONING |
|---|---|
| 1.05 ACRES | RES |

**TYPE OF WATER SUPPLY**
DRILLED WELL

## 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 SINGLE FAMILY RESIDENCE

DESIGN FLOW: 294 (GALLONS/DAY)

**SOIL CONDITIONS USED FOR DESIGN PURPOSES**

| PROFILE | CONDITION |
|---|---|
| 2 | C |

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 500 Sq. Ft. INFILTRATOR ~~☐ REGULAR ☐ H-20~~
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

## SITE EVALUATOR STATEMENT

On SEPT 24, 1988 (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.

Site Evaluator Signature 040 SE# Sept 29, 1988 Date

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

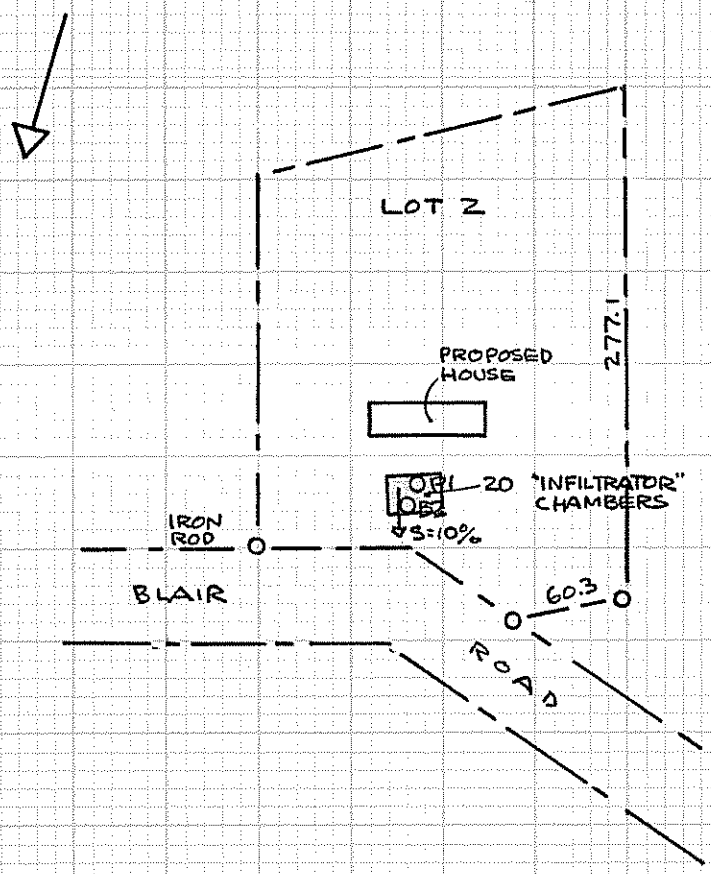
# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

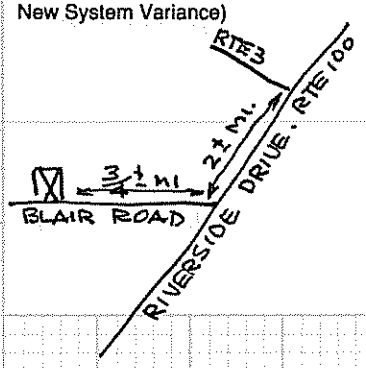
| Town, City, Plantation | Street, Road, Subdivision | Owners Name |
|---|---|---|
| AUGUSTA | BLAIR ROAD BLAIR ESTATES - LOT 2 | CATHY DEMOS |

## SITE PLAN

Scale 1" = 100 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 P1 ☑ Test Pit ☐ Boring

HUMUS 1" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

| Depth | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0–6 | FINE SANDY LOAM W/ROCKS | FRIABLE | BROWN | |
| 6–10 | | | YELLOWISH BROWN | |
| 10–15 | | | | |
| 15–20 | LOAMY SAND | | LIGHT BROWN | FAINT |
| 20–50 | | | | |

| Soil | Classification | Slope | Limiting Factor | |
|---|---|---|---|---|
| 2 (Profile) | C (Condition) | 10 % | 18" | ☑ Ground Water ☐ Restrictive Layer ☐ Bedrock |

Observation Hole B2 ☐ Test Pit ☑ Boring

HUMUS 1" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

| Depth | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0–6 | FINE SANDY LOAM W/ROCKS | FRIABLE | BROWN | |
| 6–10 | | | ORANGE-BROWN | |
| 10–15 | LOAMY SAND | | | |
| 15–20 | | | | NONE OBSERVED |
| 20–50 | | | | |

| Soil | Classification | Slope | Limiting Factor | |
|---|---|---|---|---|
| 2 (Profile) | C (Condition) | 10 % | 20" | ☐ Ground Water ☑ Restrictive Layer ☐ Bedrock |

Site Evaluator Signature

040
SE#

October 14, 1988
Date

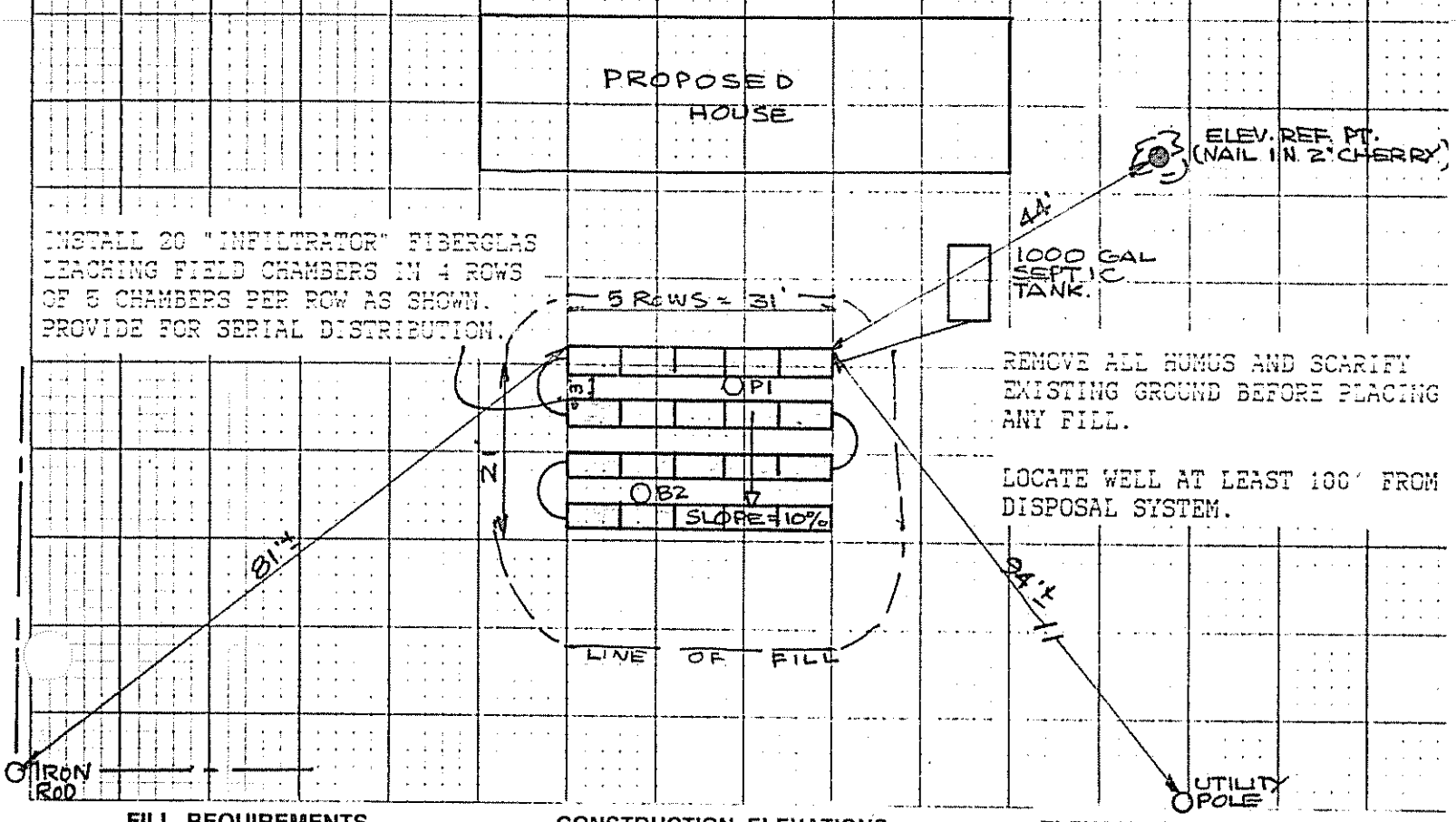
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Division of Health Engineering

| Town, City, Plantation | Street, Road, Subdivision | Owners Name |
|---|---|---|
| AUGUSTA | BLAIR ROAD<br>BLAIR ESTATES - LOT 2 | CATHY DEMOS |

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.




**FILL REQUIREMENTS**

Depth of Fill (Upslope) 18"

Depth of Fill (Downslope) 18"

**CONSTRUCTION ELEVATIONS**

Reference Elevation is 0"

Bottom of Disposal Area -78" -86" -94" -102"

Top of Distribution Lines or Chambers -63" -71" -79" -87"

**ELEVATION REFERENCE POINT LOCATION & DESCRIPTION**

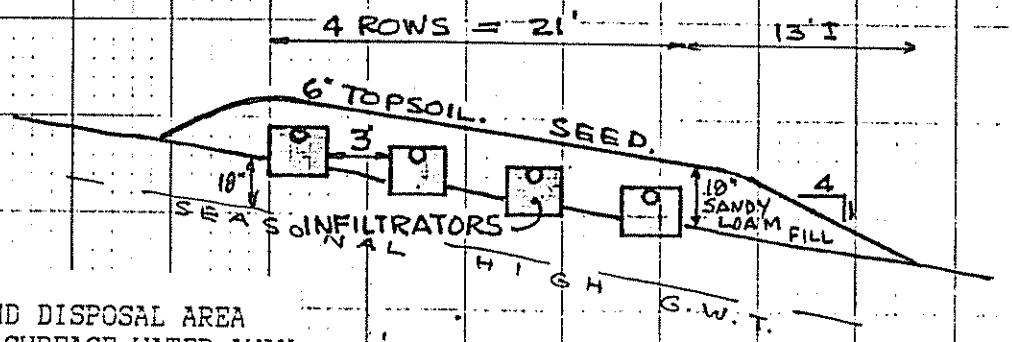
NAIL IN 2" CHERRY TREE

## DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 Inch = 5 Ft.

Horizontal: 1 Inch = 10 Ft.

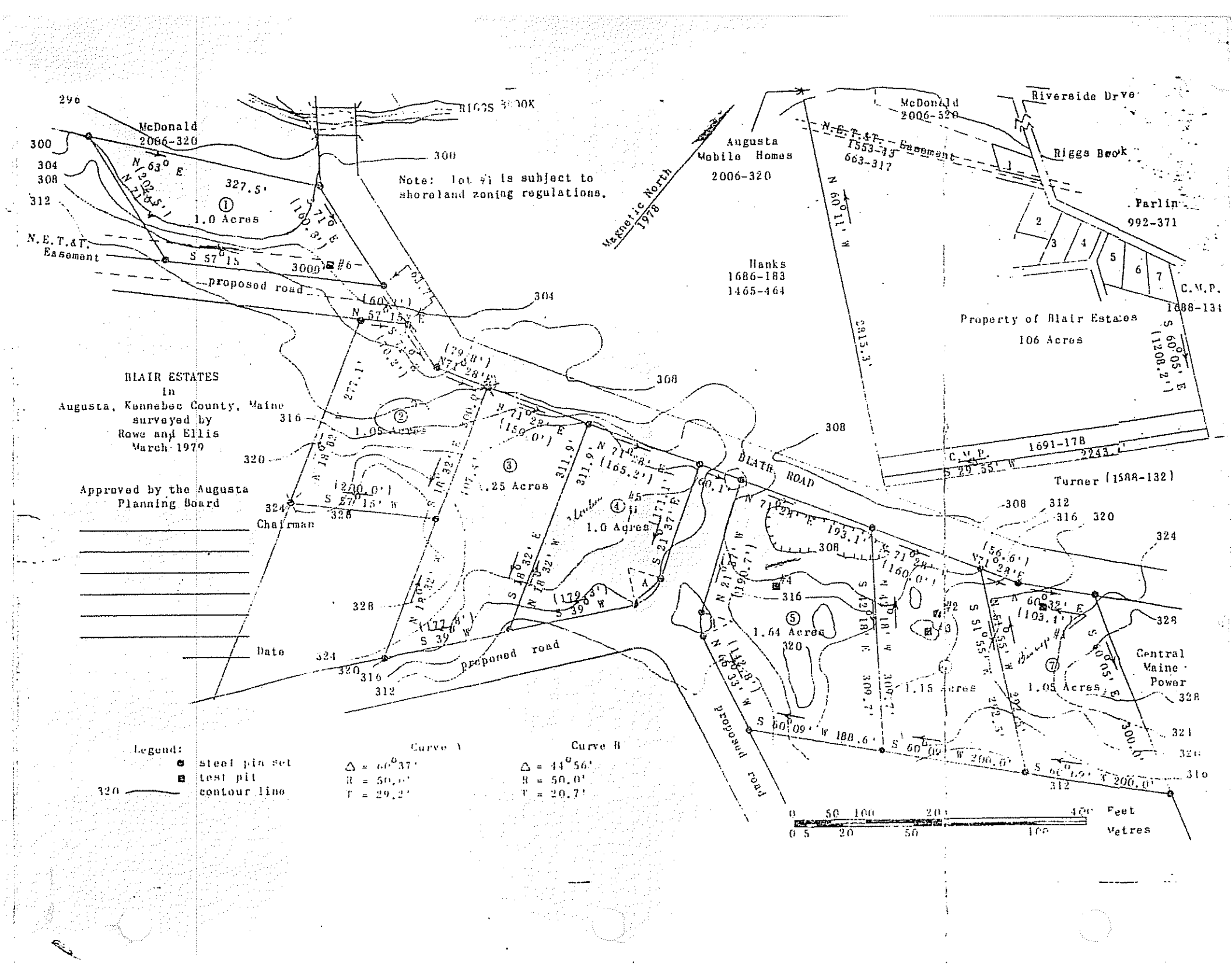



GRADE FILL AND DISPOSAL AREA TO DRAIN ALL SURFACE WATER AWAY FROM DISPOSAL SYSTEM.

Site Evaluator Signature

040
SE#

Oct 14, 1988
Date


BLAIR ESTATES
in
Augusta, Kennebec County, Maine
surveyed by
Rowe and Ellis
March 1979
Approved by the Augusta
Planning Board
Chairman
Date
Note: lot #1 is subject to
shoreland zoning regulations.
McDonald
2006-320
Augusta
Mobile Homes
2006-320
Hanks
1686-183
1465-464
Riverside Drive
Riggs Brook
Parlin
992-371
Property of Blair Estates
106 Acres
Turner (1588-132)
Central
Maine
Power
N.E.T.&T.
Easement
proposed road
BLAIR ROAD
Magnetic North
1978
1.0 Acres
1.05 Acres
1.25 Acres
1.0 Acres
1.64 Acres
1.15 Acres
1.05 Acres
Legend:
steel pin set
test pit
contour line
Curve A
Δ = 66°37'
R = 50.0'
T = 29.2'
Curve B
Δ = 44°56'
R = 50.0'
T = 20.7'
Feet
Metres