# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

12208147

## PROPERTY ADDRESS

| | |
|---|---|
| Town Or Plantation | Augusta |
| Street Subdivision Lot # | Rt 27 1/2 unit 1&1/2 unit |

## PROPERTY OWNER'S NAME

Last: Philbrick First: John

| | |
|---|---|
| Applicant Name: | John Philbrick |
| Mailing Address of Owner/Applicant (If Different) | R-3 B-531 A<br>Augusta Me 04330 |

AUGUSTA PERMIT # 1,539 TOWN COPY

Date Permit Issued: 3 10 89

$ $40.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature

L.P.I. # 1850

## 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 6-27-92

## 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 |
|---|---|
| 4.5 ac | |

### 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. ☐ Requires 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 well

## DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

### TREATMENT TANK

1. ■ SEPTIC: ■ Regular ☐ Low Profile
2. ☐ AEROBIC

SIZE 4-1000 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 & ELEVATION)
3. ☐ REQUIRED

DOSE: 145 GALS.

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

4-1 bedroom apartments from unit 1
4-1 bedroom apartments from unit 2.
Separated laundry.

### SOIL CONDITIONS USED FOR DESIGN PURPOSES

| PROFILE | CONDITION |
|---|---|
| 5 | C |

DEPTH TO LIMITING FACTOR: 36 "

### 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 1000 Sq. Ft.
   ■ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

DESIGN FLOW: 768 (GALLONS/DAY)

## SITE EVALUATOR STATEMENT

12/12/88 (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 | SE# 51 | Date 12/20/88

Approved for use as HHE 200 by Division of Health Engineering 9/87

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|---|---|---|
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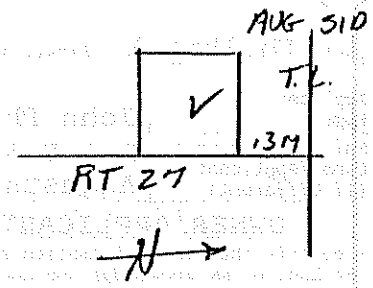
## SITE PLAN

Scale: 1" = _____ Ft. or as shown

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




SEE PAGE 4

SYSTEM #2

31 Infiltrator

## SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole T.P. #3 ☒ Test Pit ☐ Boring

+2 " Depth of Organic Horizon Above Mineral Soil

| Inches | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0–6 | L.S | MOD | L.B. | |
| 6–10 | | LOOSE | | |
| 10–15 | | | | |
| 15–20 | | | | |
| 20–30 | | | | |
| 30–40 | | | | 36" |
| 40–50 | | | G.B | |

Soil Profile: 5 Classification Condition: C Slope: 14 % Limiting Factor: 36 ☒ Ground Water ☐ Restr. Layer ☐ Bedrock

Observation Hole T.P. #4 ☒ Test Pit ☐ Boring

+3 " Depth of Organic Horizon Above Mineral Soil

| Inches | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0–6 | L.S. | MOD | L.B | |
| 6–10 | | LOOSE | | |
| 10–15 | | | | |
| 15–20 | | | | |
| 20–30 | | | | |
| 30–40 | | | | 36 |
| 40–50 | | | G.B. | |

Soil Profile: 5 Classification Condition: C Slope: 17 % Limiting Factor: 36 ☒ Ground Water ☐ Restr. Layer ☐ Bedrock

Allen W. Rich
Site Evaluator Signature

51
SE#

12/20/88
Date

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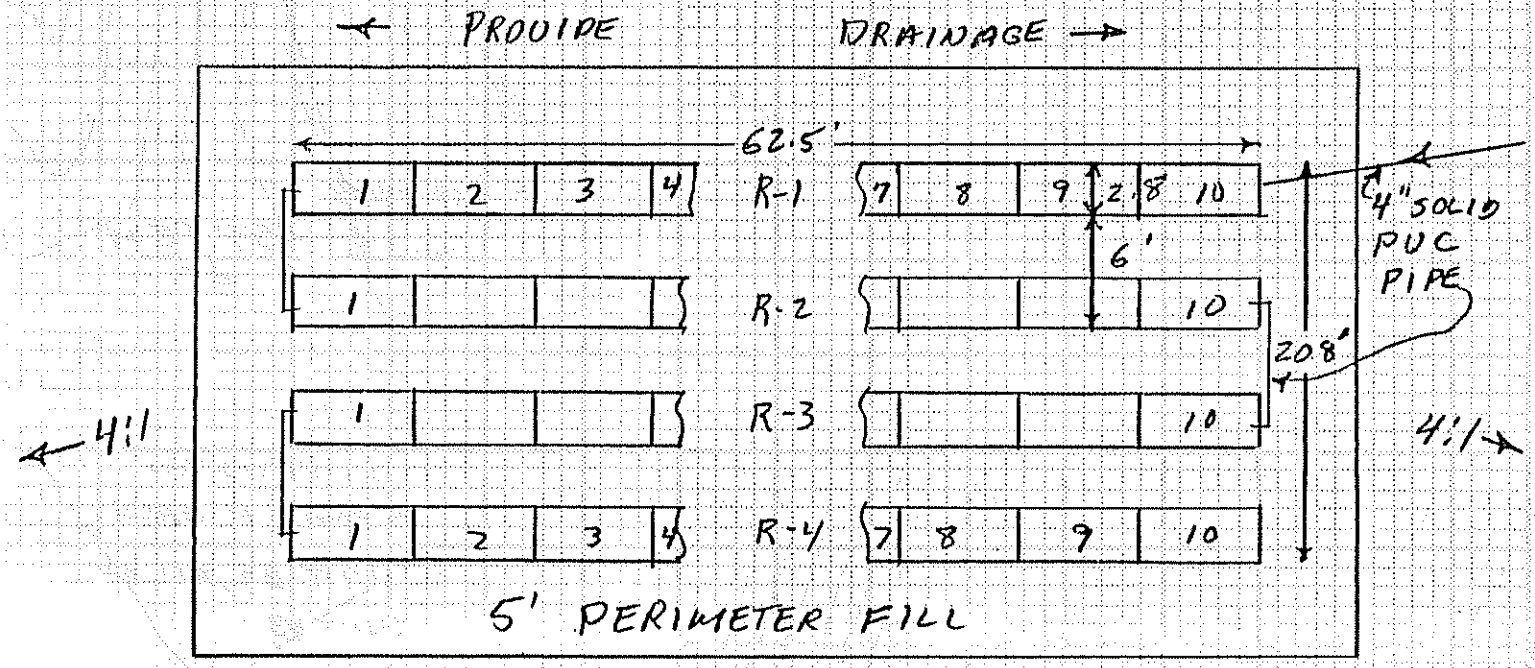
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 10 Ft. or as shown

A




EXTEND FILL ON 4:1 SLOPE ALL SIDES

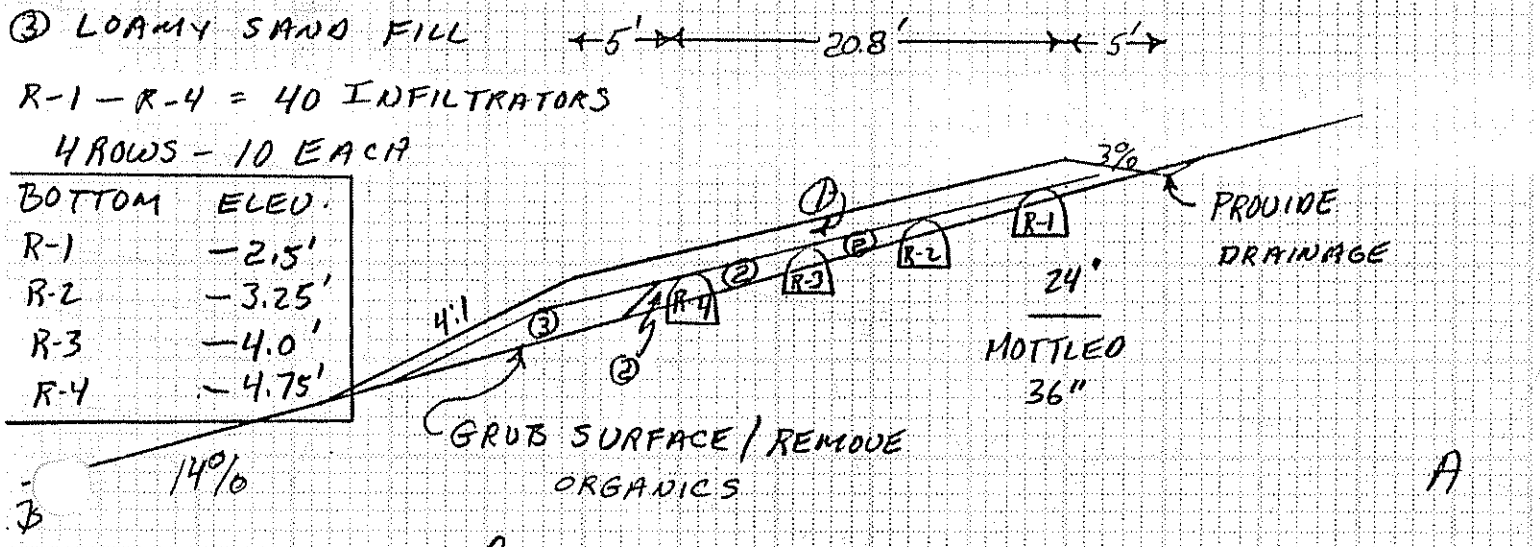
B

| FILL REQUIREMENTS | | CONSTRUCTION ELEVATION | | ELEVATION REFERENCE POINT |
|---|---|---|---|---|
| Depth of Fill (Upslope) | 11" | Reference Elevation is | 0" | 5/8 REBAR AT ELEV. |
| Depth of Fill (Downslope) | 21 ½" | Bottom of Disposal Area | -2.5' | 314.32 SET IN PAVEMENT |
| | | Top of Distribution Lines or Chambers | -1.25' | |

DISPOSAL AREA CROSS SECTION

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

① 8" TOPSOIL
② SANDY GRAVEL FILL
③ LOAMY SAND FILL




Site Evaluator Signature

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SE#

12/20/88
Date

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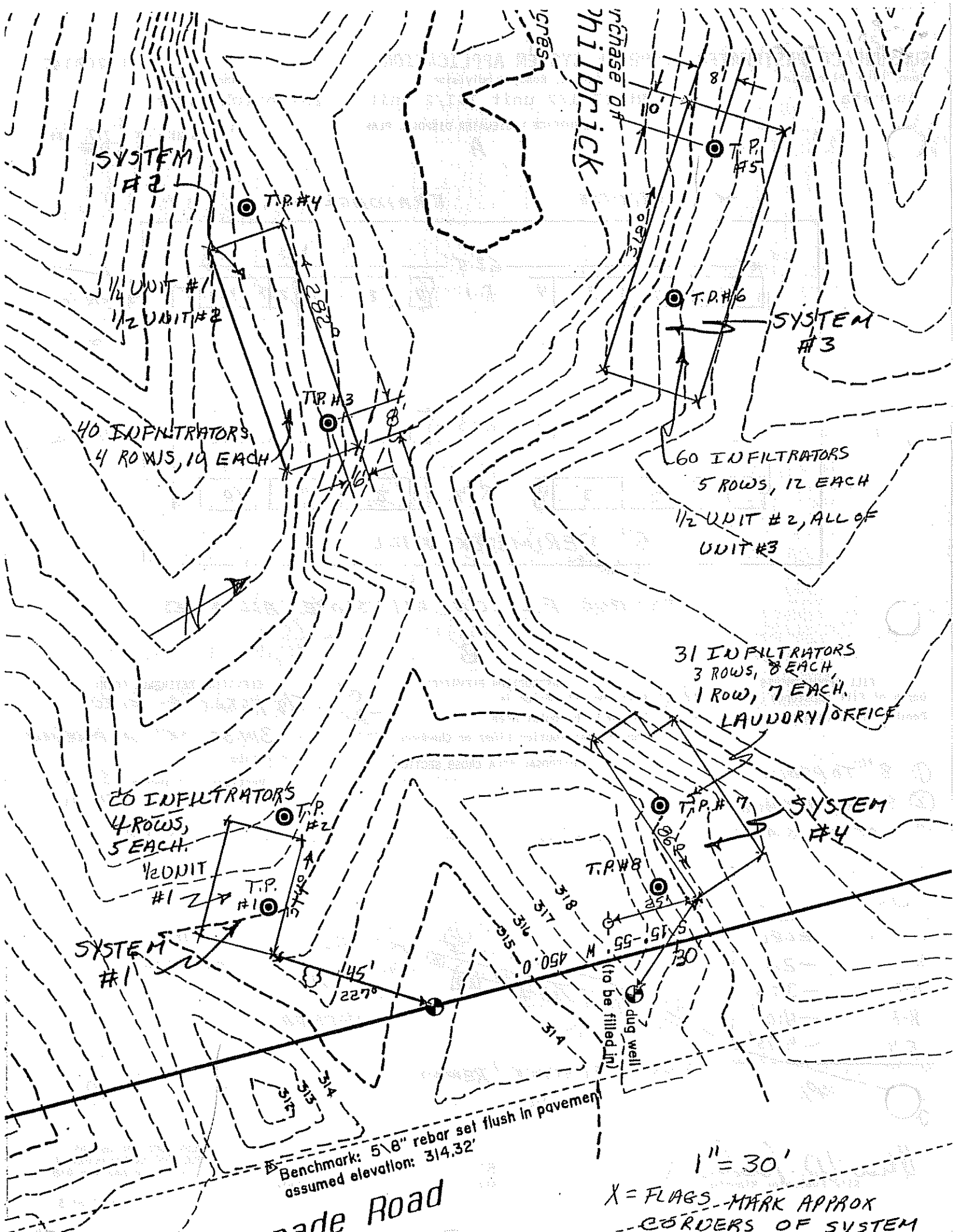
SYSTEM #2
T.P. #4
1/4 UNIT #1
1/2 UNIT #2
282'
T.P. #3
40 INFILTRATORS, 4 ROWS, 10 EACH
T.P. #5
T.P. #6
SYSTEM #3
60 INFILTRATORS 5 ROWS, 12 EACH
1/2 UNIT #2, ALL OF UNIT #3
31 INFILTRATORS 3 ROWS, 8 EACH, 1 ROW, 7 EACH.
LAUNDRY/OFFICE
20 INFILTRATORS 4 ROWS, 5 EACH.
T.P. #2
1/2 UNIT #1
T.P. #1
SYSTEM #1
145'
227°
T.P. #7
SYSTEM #4
T.P. #8
S 15°-55' W 450.0'
(to be filled in)
dug well
318
317
316
315
314
313
Benchmark: 5/8" rebar set flush in pavement
assumed elevation: 314.32'
1" = 30'
X = FLAGS MARK APPROX CORNERS OF SYSTEM