# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-4172

| PROPERTY LOCATION | |
|---|---|
| City, Town, Plantation | AUGUSTA |
| Street or Road | 22 LONE INDIAN TRAIL |
| Subdivision, Lot # | |

>> Caution: Permit Required -- Attach In Space Below <<

AUGUSTA PERMIT # 5405 $ Town
Date Permit Issued: 10/8/04 $ 100.00 ☐ If Double Fee EE Charged
Local Plumbing Inspector Signature L.P.I. # 872

| OWNER/APPLICANT INFORMATION | |
|---|---|
| Name (last, first, MI) | YORK, CLARENCE — Owner / Applicant |
| Mailing Address of ☐ Owner ☐ Applicant | RR1 Box 7208 AUGUSTA ME 04330 |
| Daytime Tel. # | 623-3254 |

Municipal Tax Map # 4A Lot # 123

**Owner or Applicant Statement**

I state that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Signature of Owner or Applicant — Date: Oct 19 2004

**Caution: Inspections Required**

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector Signature — (1st) Date Approved — (2nd) Date Approved

## PERMIT INFORMATION

**TYPE OF APPLICATION**
1. ☐ First Time System
2. ☒ Replacement System
Type Replaced: BED OR TRENCH
Installed: UNKNOWN - OLD
3. ☐ Expanded System
a. ☐ One-time exempted
b. ☐ Non-exempted
4. ☐ Experimental System
5. ☐ Seasonal Conversion

**THIS APPLICATION REQUIRES**
1. ☒ No Rule Variance
2. ☐ First Time System Variance
a. ☐ Local Plumbing Inspector Approval
b. ☐ State & Local Plumbing Inspector Approval
3. Replacement System Variance
a. ☐ Local Plumbing Inspector Approval
b. ☐ State & Local Plumbing Inspector Approval
4. ☐ Minimum Lot Size Variance
5. ☐ Seasonal Conversion Approval

**DISPOSAL SYSTEM COMPONENT(S)**
1. ☒ Complete Non-engineered System
2. ☐ Primitive System (graywater & alt toilet)
3. ☐ Alternative Toilet, specify:
4. ☐ Non-Engineered Treatment Tank (only)
5. ☐ Holding Tank, ____ gallons
6. ☐ Non-engineered Disposal Field (only)
7. ☐ Separated Laundry System
8. ☐ Complete Engineered System (2000 gpd or more)
9. ☐ Engineered Treatment Tank (only)
10. ☐ Engineered Disposal Field (only)
11. ☐ Pre-treatment, specify:
12. ☐ Miscellaneous components

**SIZE OF PROPERTY**
1/2 ☐ sq. ft. ☒ acres

**SHORELAND ZONING**
☐ Yes ☒ No

**DISPOSAL SYSTEM TO SERVE**
1. ☒ Single Family Dwelling Unit, No. of Bedrooms: 3
2. ☐ Multiple Family Dwelling, No. of Units:
3. ☐ Other: (SPECIFY)

**EXISTING TYPE OF WATER SUPPLY**
1. ☒ Drilled Well 2. ☐ Dug Well 3. ☐ Private
4. ☐ Public 5. ☐ Other:

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

**TREATMENT TANK**
1. ☒ Concrete WITH ZABEL A-1800 FILTER OR EQUAL
a. ☒ Regular
b. ☒ Low Profile
2. ☐ Plastic
3. ☐ Other:
CAPACITY 1000 gallons

**DISPOSAL FIELD TYPE & SIZE**
1. ☐ Stone Bed 2. ☐ Stone Trench
3. ☒ Proprietary Device
a. ☐ Cluster array c. ☐ Linear
b. ☐ Regular load d. ☐ H-20 load
4. ☐ Other:
SIZE 480 ☒ sq. ft. ☐ lin. ft.
180 LIN FT. GEOFLOW

**GARBAGE DISPOSAL UNIT**
1. ☒ No 3. ☐ Maybe
2. ☐ Yes >> Specify one below:
a. ☐ Multi-compartment Tank
b. ☐ Tanks in Series
c. ☐ Increase in Tank Capacity
d. ☐ Filter on Tank Outlet

**DESIGN FLOW**
270 gallons per day
BASED ON:
1. ☐ Table 501.1 (dwelling unit(s)
2. ☐ Table 501.2 (other facilities)
SHOW CALCULATIONS
-- for other facilities --
30'x16'
6 ROWS OF 30'
3' ON CENTER
3. ☐ Section 503.0 (meter readings)
ATTACH WATER-METER DATA

**SOIL DATA & DESIGN CLASS**
PROFILE CONDITION DESIGN
3 / C / 1
at Observation Hole # TP-1
Depth 23 " Elevation 47 "
OF MOST LIMITING SOIL FACTOR

**DISPOSAL FIELD SIZING**
1. ☐ Small -- 2.0 sq. ft./gpd
2. ☐ Medium -- 2.6 sq. ft./gpd
3. ☒ Medium-Large -- 3.3 sq. ft./gpd
4. ☐ Large -- 4.1 sq. ft./gpd
5. ☐ Extra Large -- 5.0 sq. ft./gpd

**PUMPING**
1. ☒ Not Required
2. ☐ May Be Required
3. ☐ Required >> Specify only for engineered or experimental systems:
DOSE: gallons

## SITE EVALUATOR STATEMENT

I certify that on 5-19-01 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

David Studer — Site Evaluator Signature
275 — SE #
5-24-01 — Date
DAVID L. STUDER — Site Evaluator Name Printed
845-2352 — Telephone #
11-28-03 D Studer

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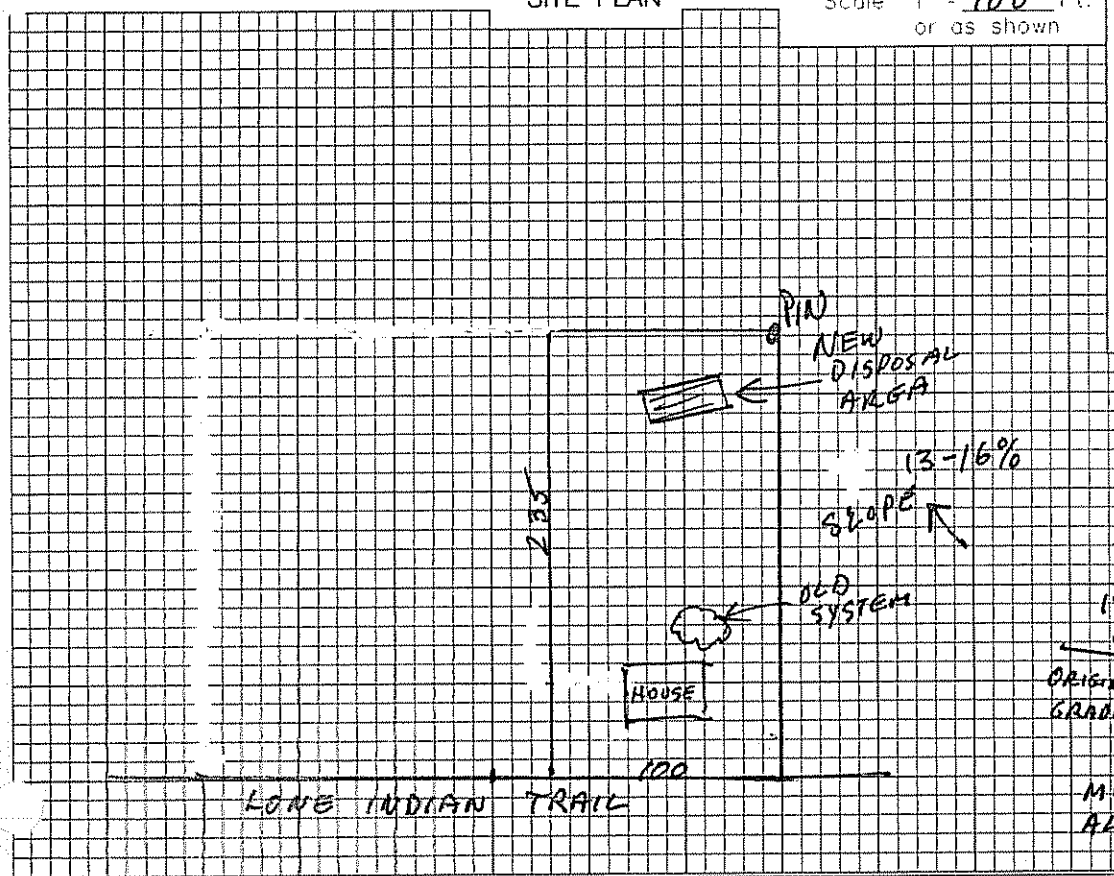
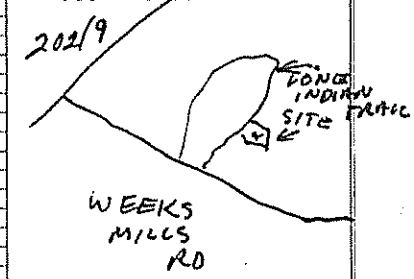
SITE PLAN

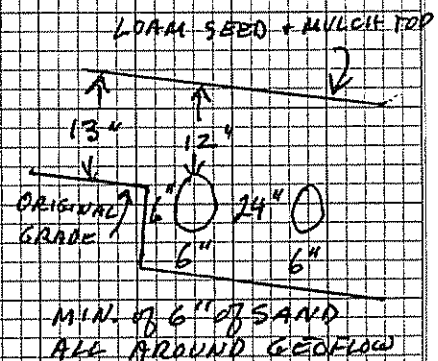
Scale 1" = 100 Ft. or as shown




SITE LOCATION PLAN
(Map from Maine Atlas recommended)




DETAIL NOT TO SCALE




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

Observation Hole TP-1 + TP2 X Test Pit ☐ Boring
0-1/2" Depth of Organic Horizon Above Mineral Soil

| Depth below mineral soil surface (inches) | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0 | LOAM | | DK BROWN | |
| 10 | GRAVELLY STONEY SANDY LOAM | | DK YELLOW | |
| 20 | | FIRM | OLIVE GRAY | COMMON DISTINCT |
| 30 | | | | |
| 40 | | | | |
| 50 | | | | |

| Soil Classification | Slope | Limiting Factor | |
|---|---|---|---|
| 3C (Profile) (Condition) | 13-16 % | 23" | ☒ Ground Water ☒ Restrictive Layer ☐ Bedrock ☐ Pit Depth |

Observation Hole _____ ☐ Test Pit ☐ Boring
_____" Depth of Organic Horizon Above Mineral Soil

| Depth below mineral soil surface (inches) | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0 | | | | |
| 10 | | | | |
| 20 | | | | |
| 30 | | | | |
| 40 | | | | |
| 50 | | | | |

| Soil Classification | Slope | Limiting Factor | |
|---|---|---|---|
| (Profile) (Condition) | % | " | ☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth |

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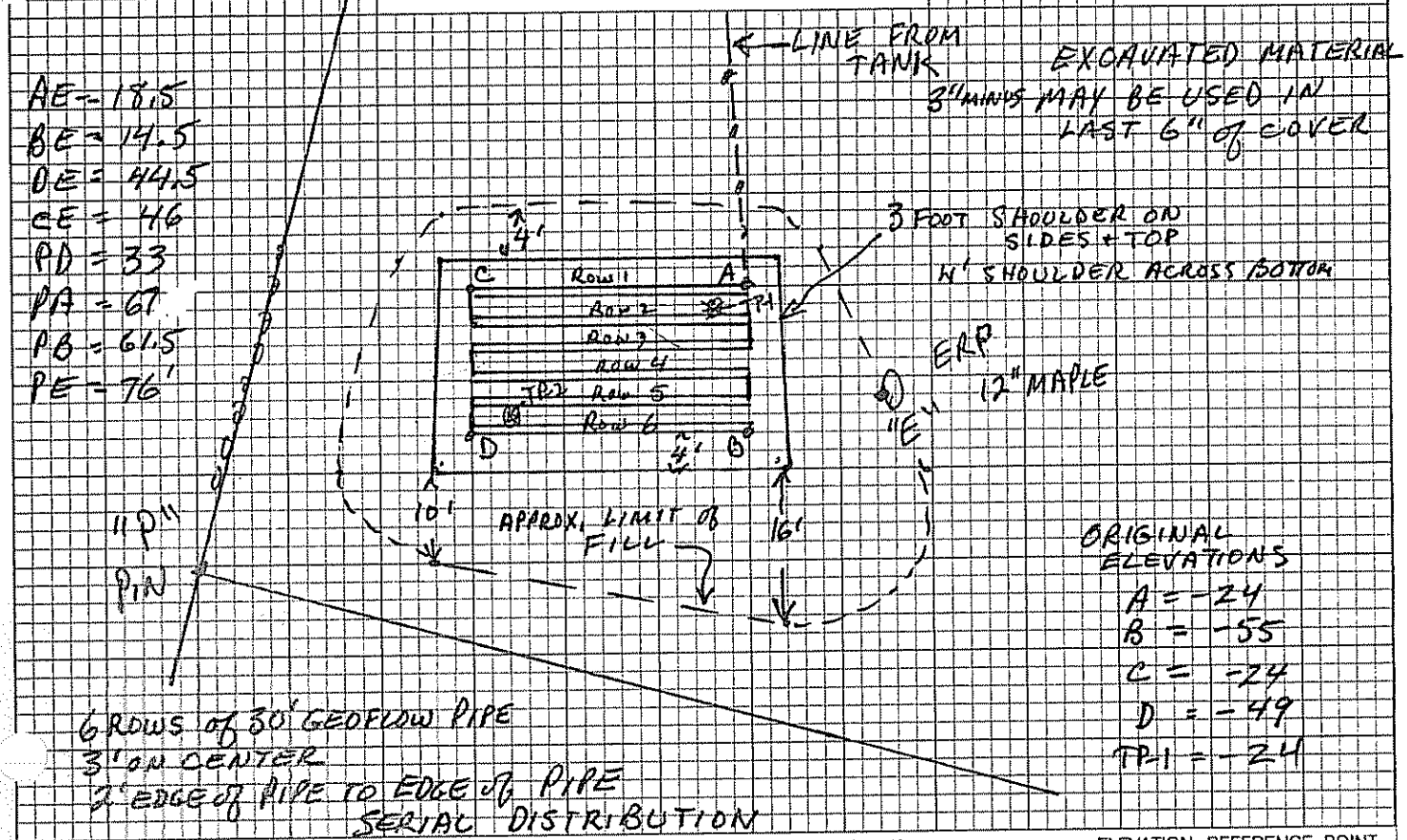
## SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.

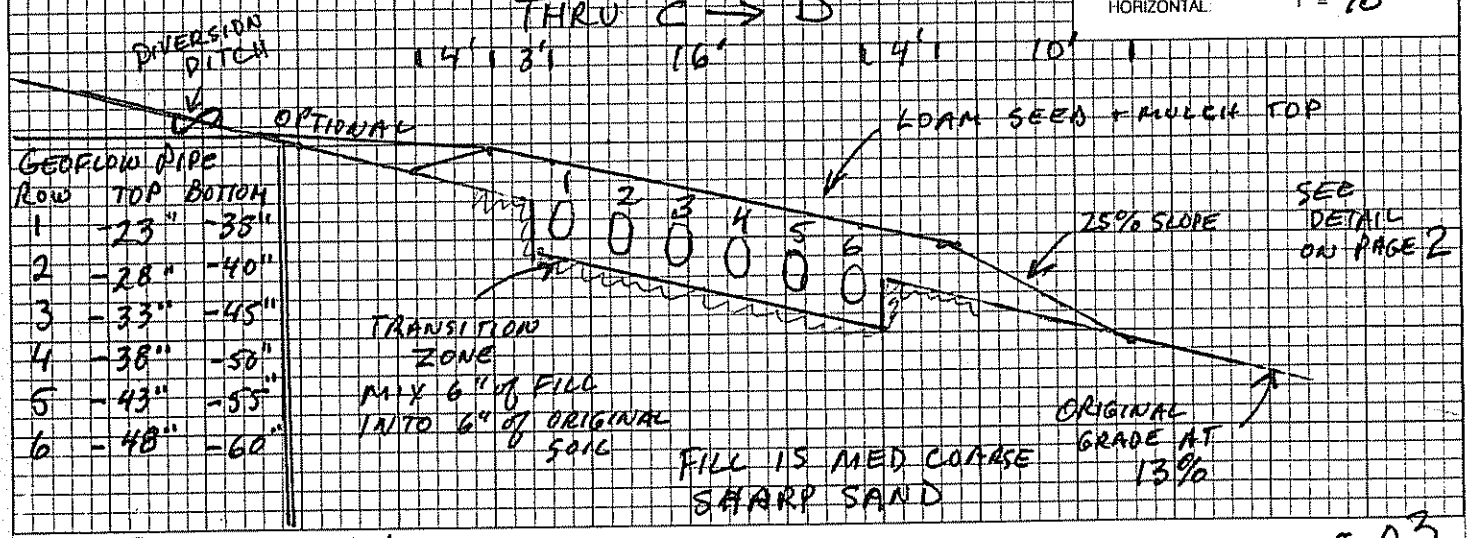



| FILL REQUIREMENTS | | CONSTRUCTION ELEVATIONS | | ELEVATION REFERENCE POINT | |
|---|---|---|---|---|---|
| Depth of Fill (Upslope) | 13" | Finished Grade Elevation | 12" OVER GEOFLOW | Location & Description | NAIL IN 12" MAPLE 24" ABOVE "A" |
| Depth of Fill (Downslope) | 13-19" | Top of Distribution Pipe or Proprietary Device | | Reference Elevation | "0" |
| | | Bottom of Disposal Area | SEE BELOW | | |

## DISPOSAL AREA CROSS SECTION

THRU C → D

SCALE:
VERTICAL: 1" = 5
HORIZONTAL: 1" = 10




GEOFLOW PIPE

| Row | TOP | BOTTOM |
|---|---|---|
| 1 | -23" | -38" |
| 2 | -28" | -40" |
| 3 | -33" | -45" |
| 4 | -38" | -50" |
| 5 | -43" | -55" |
| 6 | -48" | -60" |

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275 — SE #

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