Copy for City of Augusta — Sid Porter

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

M9 L12

AUGUSTA PERMIT # 608 TOWN COPY

Date Permit Issued: 12 | 23 | 85 $ 40 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 1617

PROPERTY ADDRESS

Town Or Plantation	AUGUSTA
Street Subdivision Lot #	WESTERN AVE

PROPERTY OWNERS NAME

AUGUSTA LUMBER, INC

Last: First:

Applicant Name:	JEROME MILLETT
Mailing Address of Owner/Applicant (If Different)	108 ARSENAL STREET AUGUSTA, MAINE

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 — 12-6-85 Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

1. ☑ NEW SYSTEM
2. ☐ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ SEASONAL CONVERSION
5. ☐ EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

1. ☑ NO RULE VARIANCE REQUIRED
2. ☐ NEW SYSTEM VARIANCE Attach New System Variance Form
   ☐ REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form
   3. ☐ Requires only Local Plumbing Inspector Approval
   4. ☐ Requires both State and Local Plumbing Inspector Approval

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
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:
1. ☐ BED 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

DISPOSAL SYSTEM TO SERVE:

1. ☐ SINGLE FAMILY DWELLING
2. ☐ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☑ OTHER (SPECIFY) EMPLOYEES ONLY FOR RETAIL BUSINESS

SIZE OF PROPERTY: 6.09 ACRES

ZONING: CG REGIONAL BUSINESS

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: 100± GALS.

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

20 EMPLOYEES
LUMBER RETAIL STORE - NO PUBLIC RESTROOMS
TABLE 7-2
20 x 15 gpd =

DESIGN FLOW: 300 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
I	C

DEPTH TO LIMITING FACTOR: 15

SIZE RATINGS USED FOR DESIGN PURPOSES

1. ☐ SMALL
2. ☐ MEDIUM
3. ☐ MEDIUM-LARGE
4. ☑ LARGE
5. ☐ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

1. ☑ BED 1240 Sq. Ft.
2. ☐ CHAMBER _____ Sq. Ft.
   ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

SITE EVALUATOR STATEMENT

☐ SITE EVALUATION WAIVED BY LOCAL OPTION

On 9/17/84 (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.

Dennis P. Durgin — Site Evaluator or Professional Engineer's Signature

55 — SE# / PE#

9/27/84 — Date

* Local Plumbing Inspector's Signature if a Local Site Evaluation Waiver under a Local Option

Dennis P. Durgin

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

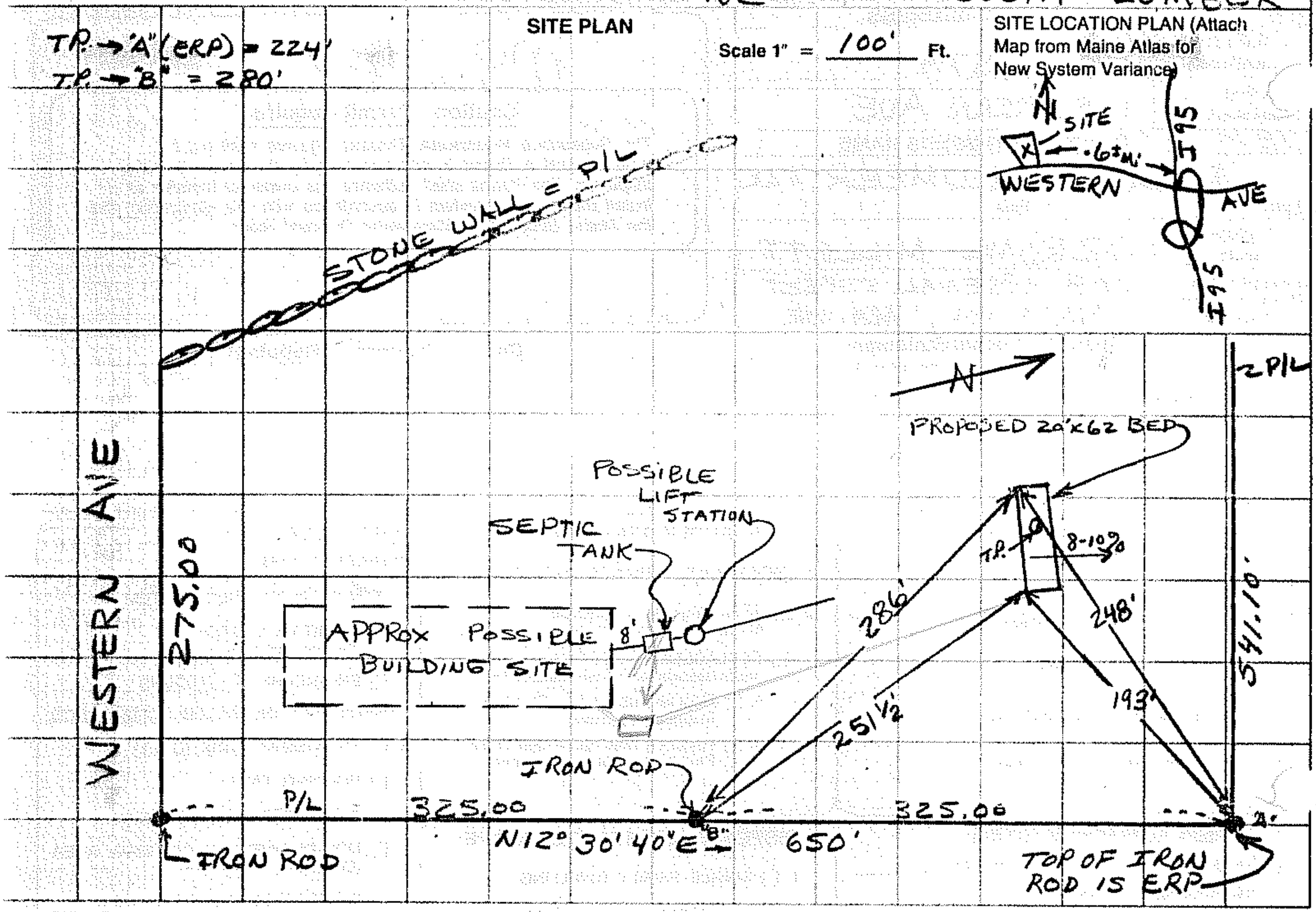
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	WESTERN AVE	AUGUSTA LUMBER

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 ______ ☑ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

Depth (inches)	Texture	Consistency	Color	Mottling
0–10	SILT LOAM	FRIABLE	DARK BROWN	
10–18	V. FINE SANDY LOAM	FRIABLE	YELLOW BROWN	15" COMMON
18–50	SANDY LOAM	FIRM	OLIVE	DISTINCT

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Soil Profile	Classification Condition	Slope	Limiting Factor
3/1	C	8 to 10 %	15 — ☑ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole ______ ☐ Test Pit ☐ Boring

______ " Depth of Organic Horizon Above Mineral Soil

Depth (inches)	Texture	Consistency	Color	Mottling
0–50				

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Soil Profile	Classification Condition	Slope	Limiting Factor
		____ %	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Dennis P. Duggin — 55 — 9/27/84

Site Evaluator's/Professional Engineer's Signature — SE # / PE # — Date

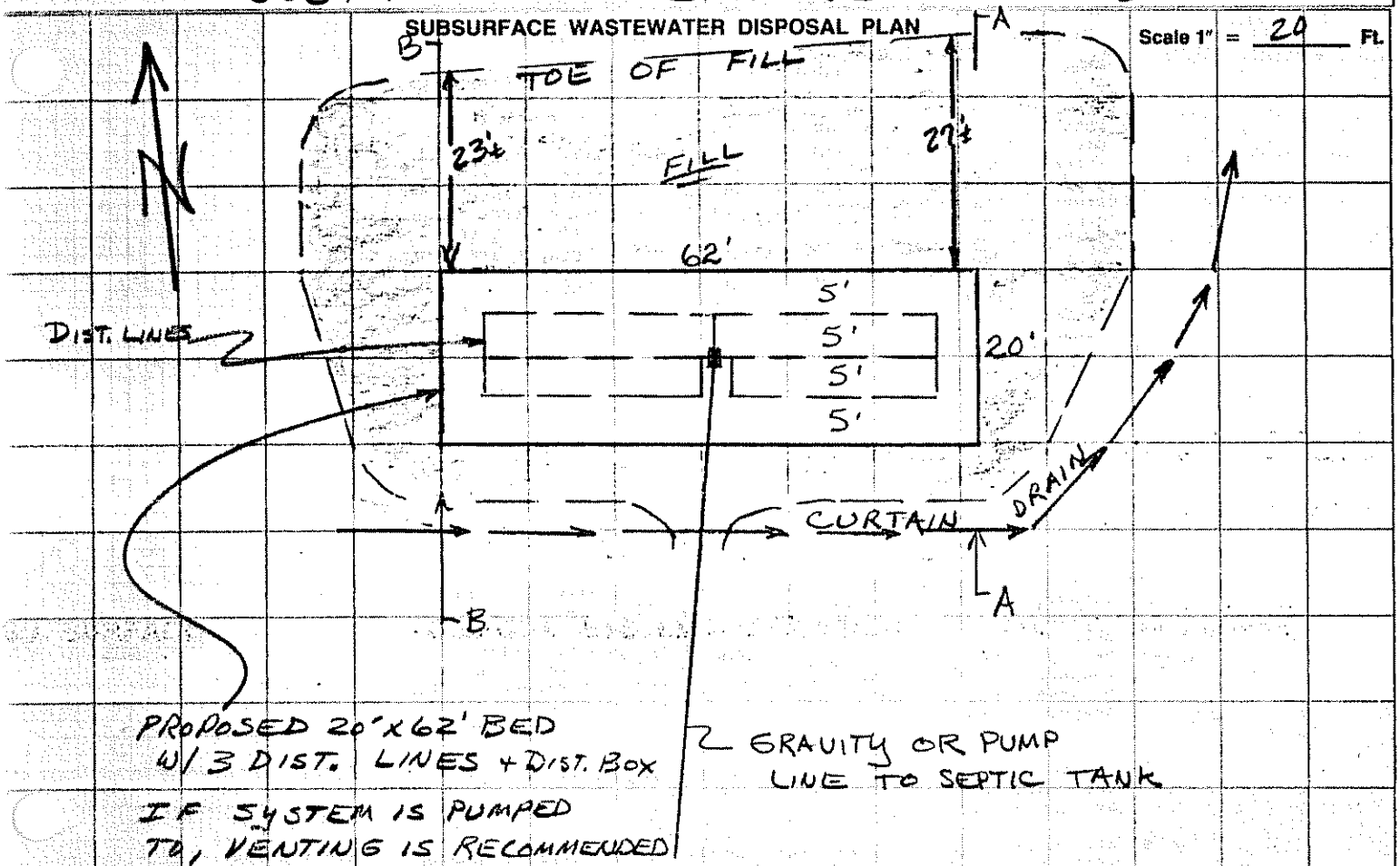
Department of Human Services
Division of Health Engineering

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation: AUGUSTA | Street, Road, Subdivision: WESTERN AVE | Owners Name: AUGUSTA LUMBER

SUBSURFACE WASTEWATER DISPOSAL PLAN

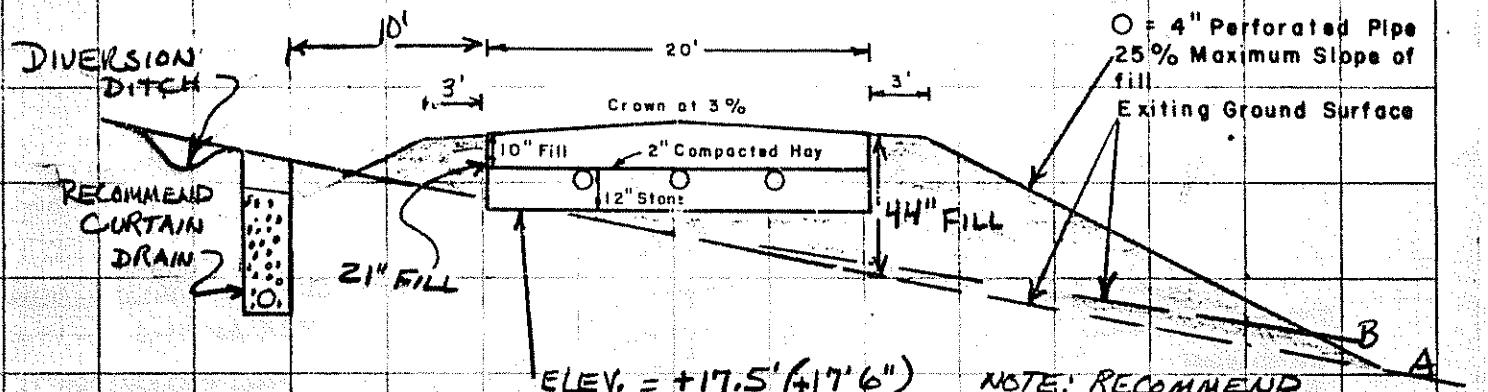
Scale 1" = 20 Ft.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	21"	Reference Elevation is (TOP IRON ROD) ERP =	0'	ERP = TOP OF IRON ROD AT PROPERTY CORNER (TOP OF I.R. IS 7" ABOVE EXISTING GROUND AT PROPERTY CORNER)
Depth of Fill (Downslope)	40 to 44"	Bottom of Disposal Area	+17.5	
		Top of Distribution Lines ~~or Chambers~~	+18.4	

DISPOSAL AREA CROSS SECTION

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



ELEV. = +17.5' (+17'6")

ALL FILL IS TO BE GRAVELLY SANDY LOAM

NOTE: RECOMMEND REMOVING TOPSOIL UNDER THE BED AND FILL EXTENSION AND REPLACE WITH GRAVELLY SANDY LOAM.

THE ATTACHED NOTES ON PAGE 4 OF 4 ARE HEREBY INCORPORATED AS PART OF THIS HHE-200

Dennis P. Durgin
Site Evaluator or Professional Engineer's Signature

55
SE # / PE #

9/27/84
Date

1) The most recent revision of the Maine State Plumbing Code is hereby made a part of this HHE-200 Form and shall be consulted by the disposal system installer for further construction details, material specifications, cautions and other related details pertinent to the installation of this disposal system.

2) This HHE-200 Form is intended to represent facts pertinent to the Plumbing Code ONLY. The owner or applicant must check both local and state ordinances regarding other building regulations (i.e., zoning, building codes, min. lot size, etc.) before considering this an approvable site. All information shown on this form relating to property lines and subsurface structures (such as, but not limited to, water lines, septic tanks, cess pools, cellar drains, utility lines, etc.) are noted, plotted, or left off as not affecting the system based on information provided by the owner or his agent. It is the responsibility of the owner or his agent to confirm, BEFORE CONSTRUCTION BEGINS, the above and/or any other features which may affect (or be adversely affected by) the installation of this system.

3) When a gravity system is proposed: BEFORE CONSTRUCTION BEGINS, the disposal system installer and building contractor shall review the relative elevation of all points given in this HHE-200 and the elevation of the existing or proposed building drain and septic tank openings for compatability to the minimum code pitch requirements. Any questions that arise should be directed to the local plumbing inspector or myself. When a pump system is installed, provisions shall be made to keep the tank and lift station outlets above the high water table. An alarm device warning of pump failure should be considered. At present, venting of pumped systems is optional.

4) If the use of a laundry machine becomes excessive, a separate laundry bed should be designed and installed. A lint catching device should be installed for the washing machine (if it doesn't have one) and cleaned frequently. A distribution box has been shown in the design and is intended to offer an inspection port whereby the owner can check for excessive lint or grease buildup before damage to the system is done. Inspection should be frequent. Installation of a garbage grinder is NOT recommended.

5) The actual water flow or number of bedrooms shall not exceed the design criteria indicated on this HHE-200 without a re-evaluation of the system.

6) All cut and fill surfaces over and around the disposal system shall be fertilized, limed, seeded (with grass), and/or mulched in accordance with the local Soil Conservation Service (USDA) recommendations.

7) Remove the organic mat and/or grass sod along with any exposed stones under the proposed disposal area. I recommend roto-tilling the prepared ground surface before installing the stone, fill, or chambers. Construction should NOT take place during periods when the soil is saturated.

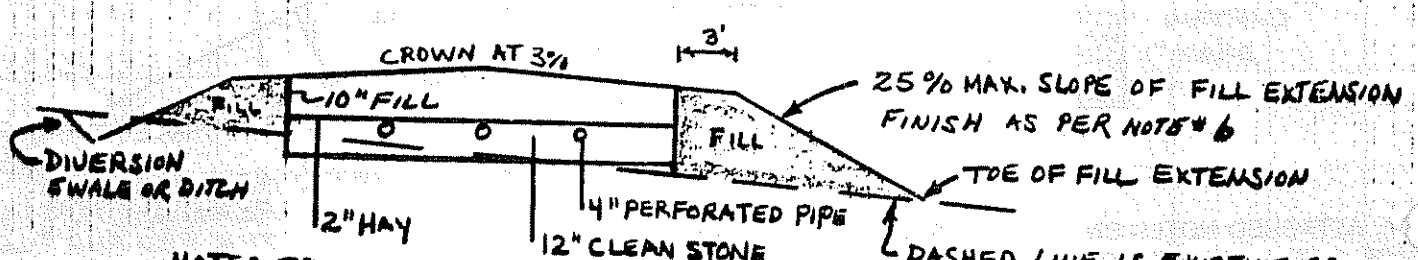
8) The general setback distance between a well and disposal system serving a single family residence is 100 feet. The location of a new well that is within 100 feet of the proposed system may void this design.

9) If the owner or installer has any questions, PLEASE DO NOT HESITATE TO CALL.

10) A drop in elevation between the septic tank and disposal field of 4" or more should be maintained. Remove baffles in distribution box if necessary.

11) TYPICAL BED CROSS SECTION

VERT: 1"=5'
HOR: 1"=10'



NOTE: SEE CROSS SECTION ON PAGE 3 FOR MODIFICATIONS SPECIFIC TO THIS SITE

Dennis P. Durgin
SITE EVALUATOR

55
SE #

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

JOSEPH E. BRENNAN
GOVERNOR

MICHAEL R. PETIT
COMMISSIONER

September 19, 1984

Dennis Durgin Associates
106 Elm Street
Mechanic Falls, ME 04256

Subject: Proposed Augusta Lumber Site, Western Avenue, Augusta

Dear Mr. Durgin:

This letter is in response to my visit to the subject property with you on September 17, 1984. Your specific question dealt with the depth to seasonal high water table as indicated by mottling.

After observing the soil profile, in your test pit, it is my determination the proper classification would be 3-C with a seasonal high water table, as evidenced by mottling, at 15 inches. The system as proposed by yourself could be sited and designed to full compliance with the Subsurface Wastewater Disposal Rules.

Yours very truly,

Russell G. Martin, P.E.
Wastewater & Plumbing Control
Division of Health Engineering

RGM/mo

GAGNE & SON

concrete blocks & masonry supplies

Feb. 6, 1986

Augusta Public Works

Cony St.

Augusta, Maine

This is to certify that the septic tank furnished by Gagne & Son of Belgrade, Maine to Dick Condon and delivered to the Augusta Lumber Project on Western Ave. in Augusta was manufactured in accordance with H-20 specifications for wheel loads under highways, parking lots or saturated soils.

The following materials were used:

½" deformed bars tied in mats 6" on center/crosswise in double mat construction with L-bends in each wall (all sides)

Type III cement portioned and cured to meet 4,000 psi compression strengths.

Top wall thickness 8" with double mat ½" bar construction.

The above information is correct.

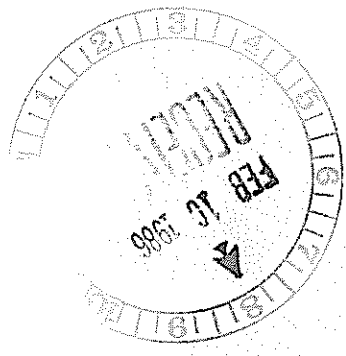
Pete Gagne

Gagne & Son

Rt. 27 Belgrade, Me 04917

signed: Albert R. Gagne

date: 2/6/86



apg/MAS