

MAINE DEPARTMENT OF HUMAN SERVICES
APPLICATION FOR PRIVATE SEWAGE DISPOSAL PERMIT

This is NOT a permit; this form when completed must be presented to the Local Plumbing Inspector to obtain a permit. Page 1 of 2

Town: Augusta Street, Road, etc.: Riverside Drive Rt. 201 Plumbing Permit No.: 8857EP Date of Plumbing Permit: 5-5-78

Owner of property: Rowan Emerson Realty Owner's address: 25 Factory Street Hyde Park Mass. 02163 Size of lot: 19 1/2 Acres

Name & type of establishment: Parker-Danner Co. 450 gpd Is lot Zoned? Yes No Type of Zoning: N/A Shoreland Resource Protection

Name of applicant: Bunker & Savage Architect Owner's agent: Edward Millett If you plan to use a previous subdivision approval in lieu of site investigation, please submit one of the following:
 Deed restriction re. private sewage disposal
 Copy of the subdivision's soils report
 Soils report from a State Agency N/A

Applicant's address: 16 Winthrop Street Tel. No.: 623-4708 Zip Code: 04330 Subdivision name: N/A Lot No.: N/A

Applicant's signature: Victor K. Peedley Date: 3-20-78
Owner's signature: Edward Millett Date: 3-78

This application is for: New System Expanded System Replacement System Replacement of Treatment Tank Only Disposal Area Only

The water supply for this property is: Dug well, depth _____, lining _____; Drilled well, depth _____, lining _____; Spring Public Utility, name: Augusta Water Dis.

depth _____, lining _____; Surface water Body, Course— with disinfection, without disinfection.

SITE INVESTIGATION Show location of pits and/or borings on sketch on page 2, and refer to completed sample form and Chapter 4 of the Code, II.

Soil Profile No.	Soil Profile No. 1		Soil Profile No. 2		Soil Profile No. 3		Soil Profile No. 4		Soil Profile No. 5	
	<input checked="" type="checkbox"/> Pit	<input type="checkbox"/> Boring	<input checked="" type="checkbox"/> Pit	<input type="checkbox"/> Boring	<input checked="" type="checkbox"/> Pit	<input type="checkbox"/> Boring	<input checked="" type="checkbox"/> Pit	<input type="checkbox"/> Boring	<input type="checkbox"/> Pit	<input type="checkbox"/> Boring
Organic strata										
Inches <u>0-1/2"</u>										
1st strata <u>Dark Brown Sandy Loam</u>										
Inches <u>1/2"-4"</u>	Inches <u>1/2"-3"</u>	Inches <u>1/2"-3"</u>	Inches <u>1/2"-5"</u>							
2nd strata <u>Light Brown Loamy Sand</u>										
Inches <u>4"-50"</u>	Inches <u>3"-42"</u>	Inches <u>3"-42"</u>	Inches <u>5"-42"</u>							
3rd strata <u>Dark Brown Sandy Loam</u>	3rd strata <u>Dark Brown Sandy Loam</u>	3rd strata <u>Dark Brown Sandy Loam</u>	3rd strata <u>Ledge</u>							
Inches _____	Inches <u>42"-50"</u>	Inches <u>42"-50"</u>	Inches _____							
Total Depth of observation hole Inches <u>50"</u>	Total Depth of observation hole Inches <u>50"</u>	Total Depth of observation hole Inches <u>42"</u>	Total Depth of observation hole Inches <u>50"</u>							
Max. Ground water table—mottling <u>Approx. 30"</u> Inches	Max. Ground water table—mottling <u>Approx. 30"</u> Inches	Max. Ground water table—mottling <u>Approx. 25"</u> Inches	Max. Ground water table—mottling <u>Approx. 30"</u> Inches							
Impervious layer, clay, etc. <u>None Evident</u> Inches										
Bedrock <u>None Evident</u> Inches	Bedrock <u>None Evident</u> Inches	Bedrock <u>42" Inches</u> Inches	Bedrock <u>None Evident</u> Inches	Bedrock <u>None Evident</u> Inches	Bedrock <u>None Evident</u> Inches	Bedrock <u>None Evident</u> Inches	Bedrock <u>None Evident</u> Inches	Bedrock <u>None Evident</u> Inches	Bedrock <u>None Evident</u> Inches	Bedrock <u>None Evident</u> Inches
Type of Bedrock _____	Type of Bedrock _____	Type of Bedrock <u>shaley</u>	Type of Bedrock _____							
Surface slope <u>0</u> %	Surface slope <u>1</u> %									
Soil Group & Condition per Table 9-1 of the Code, II <u>4C</u>	Soil Group & Condition per Table 9-1 of the Code, II <u>4C</u>	Soil Group & Condition per Table 9-1 of the Code, II <u>4C</u>	Soil Group & Condition per Table 9-1 of the Code, II <u>4C</u>	Soil Group & Condition per Table 9-1 of the Code, II <u>4C</u>	Soil Group & Condition per Table 9-1 of the Code, II <u>4C</u>	Soil Group & Condition per Table 9-1 of the Code, II <u>4C</u>	Soil Group & Condition per Table 9-1 of the Code, II <u>4C</u>	Soil Group & Condition per Table 9-1 of the Code, II <u>4C</u>	Soil Group & Condition per Table 9-1 of the Code, II <u>4C</u>	Soil Group & Condition per Table 9-1 of the Code, II <u>4C</u>

On Oct. 20 1977 (date), a site investigation for this project was completed. I conducted this soil evaluation and certify that the results indicated above best represent the soil conditions found. I recommend the following type and size of private sewage disposal system. I also recommend the proposed private sewage disposal system layout and location shown on page 2.

Signature: David P. Beaulieu Health Engineering License No. #154
Date signed: March 17, 1978

PRIVATE SEWAGE DISPOSAL SYSTEM PROPOSED Show location of system and details on sketches on page 2, and refer to completed sample form

SYSTEM: <input checked="" type="checkbox"/> COMBINED SYSTEM <input type="checkbox"/> SEPARATED SYSTEM If separated system—type of human waste disposal system to be used: <input type="checkbox"/> Sealed Vault Privy <input type="checkbox"/> Open Pit Privy <input type="checkbox"/> Compost Toilet <input type="checkbox"/> Incinerator Toilet <input type="checkbox"/> Chemical Toilet <input type="checkbox"/> Other, describe _____ See Chapter 9 of the Code, II.	TREATMENT TANK: <input type="checkbox"/> Septic Tank <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Fiberglass <input type="checkbox"/> Metal Size in gallons <u>1000</u> <input type="checkbox"/> Aerobic Tank Manufacturer— Model No. _____ Size in gallons <u>N/A</u>	SUBSURFACE ABSORPTION AREA		SITE MODIFICATION Fill will be: <u>24</u> in. uphill; <u>24</u> in. downhill
		Type _____ SIZE _____ <input type="checkbox"/> Trench System: Total trench length <u>N/A</u> <input type="checkbox"/> Bed System Length <u>60'</u> Width <u>20'</u> <input type="checkbox"/> Chamber System Number _____ <input type="checkbox"/> Type A <input type="checkbox"/> Single File <input type="checkbox"/> Type B <u>N/A</u> <input type="checkbox"/> Cluster <input type="checkbox"/> Mound System Length _____ Width <u>N/A</u> at base <input type="checkbox"/> Special System Length _____ Width <u>N/A</u>	<input type="checkbox"/> Very Small <input type="checkbox"/> Small <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Medium Large <input type="checkbox"/> Large <input type="checkbox"/> Extra Large	DETAILS <input type="checkbox"/> A Distribution Box is required Pumping is— <input checked="" type="checkbox"/> required, <input type="checkbox"/> is not required. The Dose will be <u>85</u> gallons

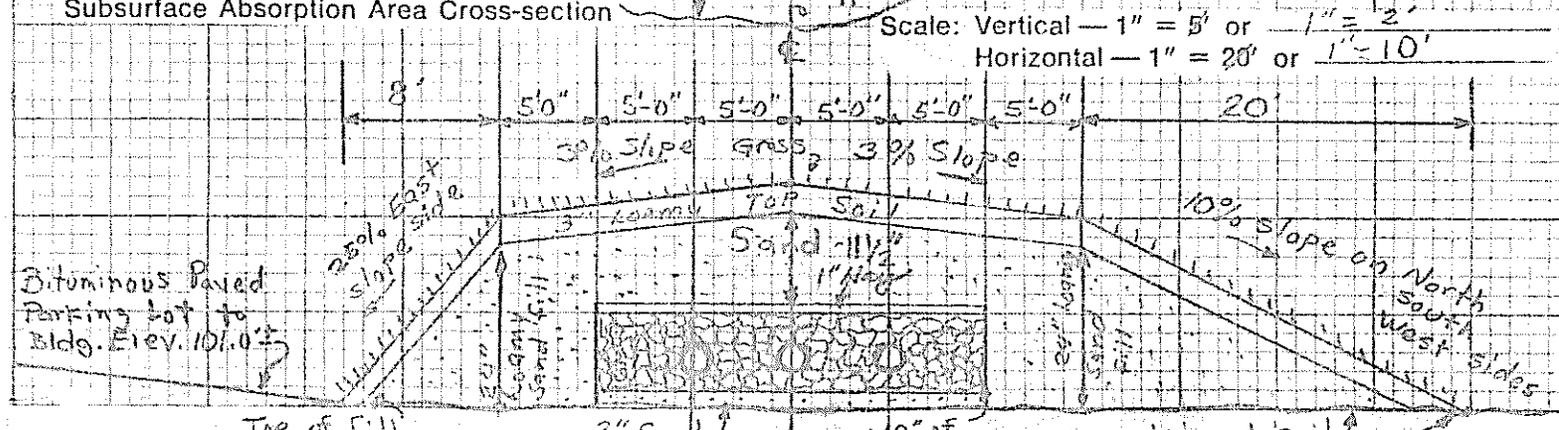
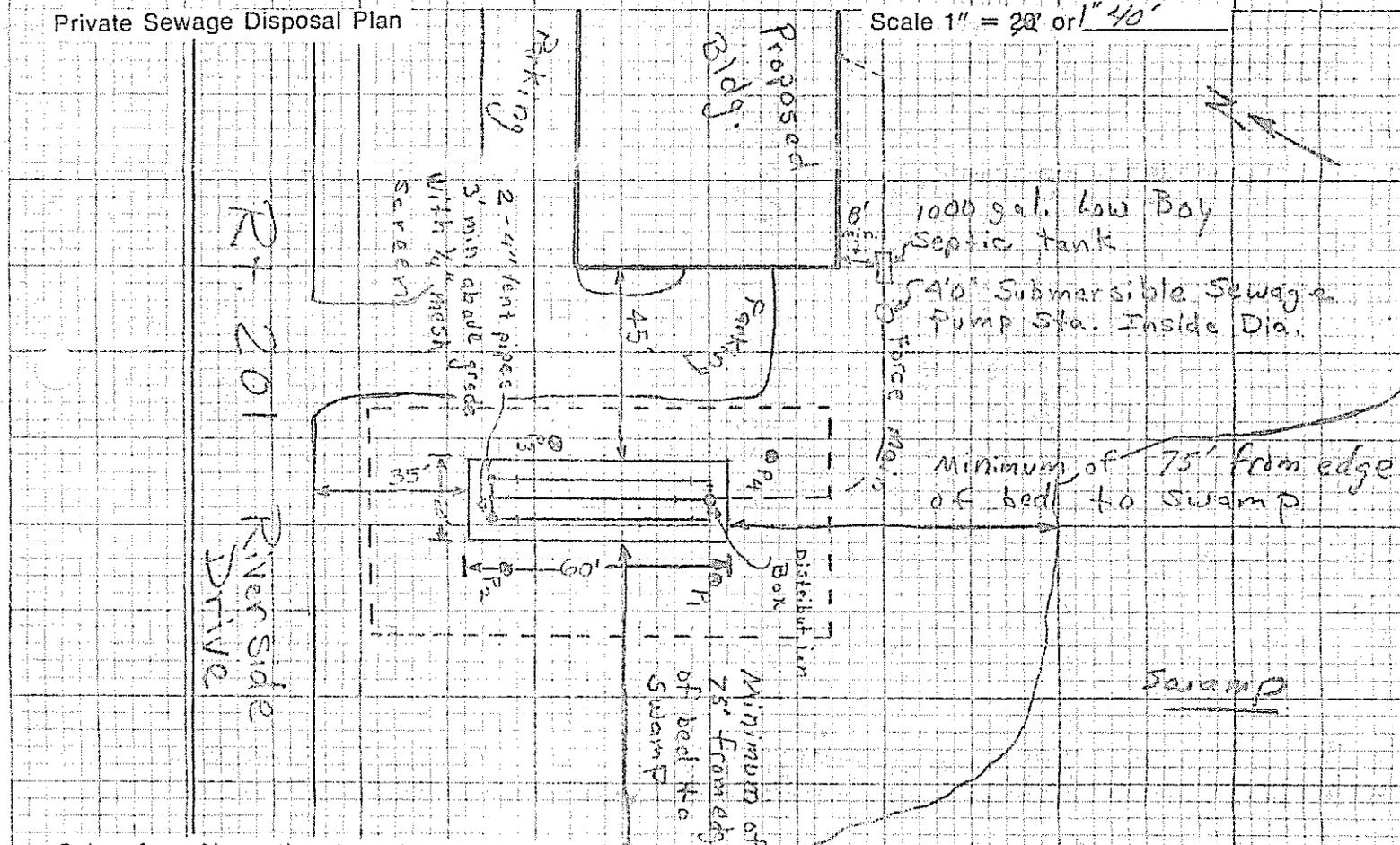
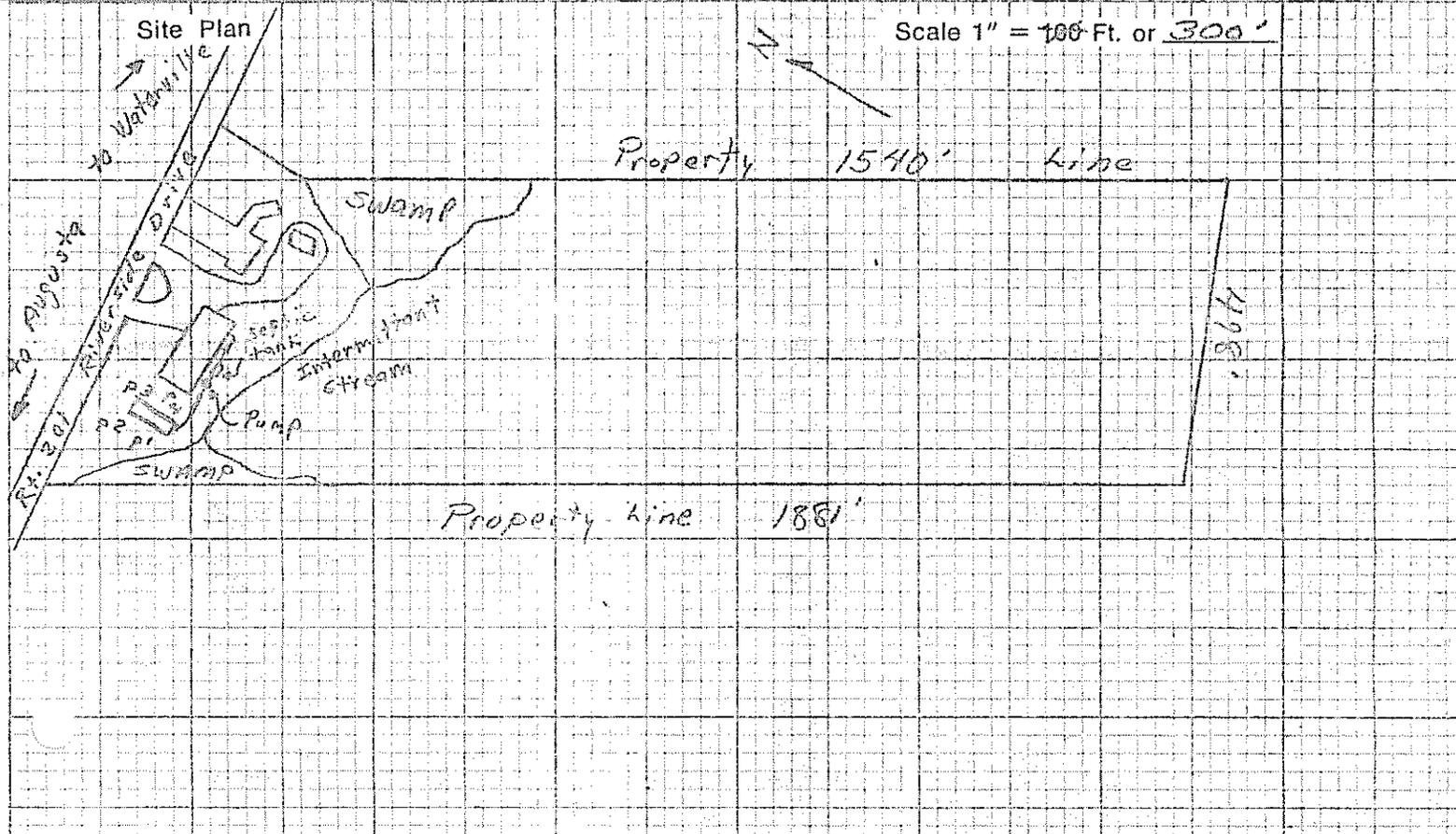
PROPERTY/LOT LOCATION MAP

FOR THE USE OF LPI ONLY

Denial: Application is denied for following reasons; portions of the Code II are cited.
 Form is incomplete (____ pg.) as to General info, Site Investigation, System Proposed, Site Plan, Disposal System Plan, Cross-Section, Statement. See Section 2.3.
 Site Investigation indicates site is totally unsuitable for disposal system; Sections 4.5 and 9.5, Table 9-1 Group 9 and 10. Unsuitable for system proposed; Sections 4.3, 4.6, 9.5, Table 9-1.
 System Proposed does not conform to Code; See Sections 9.
 Site Investigation indicates site modifications are necessary; See Sections 4.3, 4.4, 4.6, 8.7.
 Miscellaneous _____ See Section _____
 Acceptance: Application for permit is approved with condition specified, comply with Section Part II of STATE PLUMBING CODE
 without condition.
 Signed LPI Richard P. Barber Date 4-3-78 HHE-200 1/77

APPLICATION FOR PRIVATE SEWAGE DISPOSAL PERMIT
(For systems disposing of less than 2000 gallons per day)

Town Augusta, Maine	Street, Road, etc. Rt. 201 Riverside Drive	Owner of property Rowen-Emerson Realty
	If on water body, give name	



Statement: (no permit may be issued unless signed)
I certify that all the information submitted to be true and correct; and I understand that issuance of a permit is based upon the information and plans submitted by the applicant. I also understand that any falsification of this application is reason to deny a permit to install a private sewage disposal system and that the permit is valid for a six (6) month period from the date of permit issuance. I understand that no guarantee is intended or implied by reason of any advice or approval given by the Administrative Authority or its agent.

Original Soil
Elev. 100.0 ±
Date: 3-78
Applicant: *Nigel K. Peaches*
Owner: *Edward Emerson Row*
Signature Required
HHE-200-177
Toe of Fill



SALES-RENTAL SERVICE

Construction Equipment and Tools

PARKER-DANNER COMPANY

25 FACTORY STREET • HYDE PARK, MASSACHUSETTS 02136 • TEL. 617/361-2700

March 3, 1978

Mr. Archie Bickford
Building Inspector
City of Augusta
Augusta, Maine 04333

Attention: Archie Bickford
Building Inspector

Gentlemen:

The Rowen Emerson Realty Corporation, owners of building leased to Parker-Danner Company that we have proposed to build on Riverside Drive Augusta.

Per Waiver to the Maine Plumbing Code Part II, Letter December 16, 1977, Item 5.

We acknowledge the marginal nature of the site for sewage disposal, and accept full responsibility for correcting any future problems with the disposal system.

Very truly yours
Rowen & Emerson Realty Corp.

Erlon L. Emerson
Erlon L. Emerson
President

ELE/ref

cc: Peachey Builders
Box 2333
Augusta, Maine 04330

Mr. Edward Millett
Bunker & Savage
16 Winthrop Street
Augusta, Maine 04330



DAVID E. SMITH
COMMISSIONER

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

December 16, 1977

Bunker and Savage
16 Winthrop Street
Augusta, ME 04330

Attn: Mr. Edward Millett

Subject: Waiver to the Maine Plumbing Code, Part II,
Parker-Danner Company, Riverside Drive, Augusta

Dear Mr. Millett:

This will acknowledge receipt of a waiver request and a plan with soils information by David Rocque, Site Investigator, showing the replacement sewage disposal system for the subject project. It is not in compliance with the Maine Plumbing Code, Part II, because of 1) location of disposal system in madeland, and 2) setback from a swamp, the reasons for the waiver request.

After review, we are unable to grant our approval for the disposal system as designed, due to the extremely marginal site conditions. However, in consideration of the fact that this installation is a replacement of an existing facility, this office would be agreeable to the following:

1. The installation of a 1000 gallon septic tank to be followed by an 85 gallon dose lift station discharging to a raised 20'x60' disposal bed.
2. At least 24 inches of a sandy loam fill shall be applied on the upslope and downslope sides of the disposal bed. The fill shall be extended to the north, west, and south for 5 feet at 3 percent, then extended to the original ground at a 10 percent slope. Fill to the east shall be as indicated on the plan dated October 11, 1977.
3. Additional sandy loam fill shall be placed so that no part of the disposal bed is located less than 75 feet from the edge of the swamp land.
4. The use of water conserving plumbing fixtures within the building shall be required.
5. The building owners shall file a statement with the city of Augusta acknowledging the marginal nature of the site for sewage disposal, and accepting full responsibility for correcting any future problems with the disposal system.

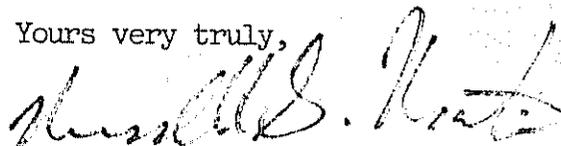
Mr. Edward Millett

December 16, 1977

6. In all other respects the installation is to comply with the Maine Plumbing Code, Part II, Private Sewage Disposal Regulations and follow the plan submitted with this proposal.

Final approval of the sewage portion is subject to permit by the Local Plumbing Inspector before the construction of this system. A completed HHE-200 Form must be submitted to him for processing. The inspector is to be notified before covering the work, and the work is to be left uncovered until his inspection. He shall be supplied with copies of approved plans for his reference at inspection. Approval is also subject to any local ordinances and state laws.

Yours very truly,



Russell G. Martin, Sanitary Engineer
Plans and Standards Review
Division of Health Engineering

RGM/mm

cc: Richard Baker, LPI
Freeman Eugley
Rowen Emerson Realty
Curt E. Beal

enclosures



C. E. BEAL ASSOCIATES INC.
CONSULTING ENGINEERS

BOX 2069 16 WINTHROP ST.
AUGUSTA, MAINE 04330
(207) 622-3061

TO Mr. Richard Baker, LPI
1 Cony Street
City Hall
Augusta, Maine 04330

DATE	3-30-78	JOB NO.	77-19
ATTENTION	Richard Baker, LPI		
RE	Parker Danner Soils Evaluation		

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

Shop drawings Prints Plans Samples Specifications

Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION
3	3-17-78	2	Resubmittal of HHE-200 form for the Parker Danner Co. with redesign of sewage disposal plan
1	12-16-77		Letter from State of Maine Dept. of Human Services to Bunker & Savage A.I.A.

THESE ARE TRANSMITTED as checked below:

- For approval
- For your use
- As requested
- For review and comment

SHOP DRAWING REVIEW

ENGINEER'S REVIEW		RESPONSE REQUIRED OF CONTRACTOR
No exceptions taken <input type="checkbox"/>	Rejected <input type="checkbox"/>	Confirm <input type="checkbox"/>
Note markings <input type="checkbox"/>	Comments Attached <input type="checkbox"/>	Resubmit <input type="checkbox"/>

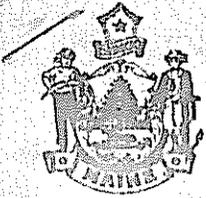
Engineer's review is for general conformance with the design concept and contract documents. Markings or comments shall not be construed as relieving the Contractor from compliance with the project plans and specifications, nor departures therefrom. The Contractor remains responsible for details and accuracy, for confirming and correlating all quantities and dimensions, for selecting fabrication processes, for techniques of assembly, and for performing his work in a safe manner.

REMARKS _____

COPY TO _____

SIGNED: David P. Poague

If enclosures are not as noted, kindly notify us at once.



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DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

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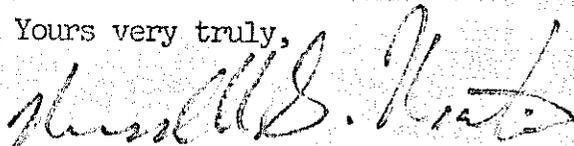
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