Cote, Carlton

ORIGINAL To be sent to Division of Health Engineering, Augusta, Maine 04333 by the LPI

MAINE DEPARTMENT OF HEALTH AND WELFARE APPLICATION FOR PRIVATE SEWAGE DISPOSAL PERMIT	(For systems disposing of less than 2000 gallons per day)	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	Street, Road, etc. / If on water body, give name	Permit No.	Date
Augusta, Me.	Riverside Drive	814M	7/23/76

Owner of property	Owner's address	Size of lot	
Carlton Cote	57 Eastern Avenue, Augusta	10 +	○ Sq. feet ⊗ Acres

Name & type of establishment if other than private home	Is lot Zoned? ○ Yes ○ No	Type of Zoning
Roseland Restaurant		○ Residential ○ Commercial ○ Resource Protection

Name of applicant Owner's agent	Applicant's address Street, Box, etc.	Tel. No.	Town	zip code
Carlton Cote	57 Eastern Ave	623-9640	Augusta Me	04330

Applicant's signature / Owner's signature	Date
X Carlton Cote	Date

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

Subdivision name	Lot No.

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 ○ depth _____, lining _____; Surface water ○ Body, ○ Course—○ with disinfection, ○ without disinfection. ⊗ Public Utility, name Augusta Water Di

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. 3	Soil Profile No. 4	Soil Profile No. 6	Soil Profile No. 7	Soil Profile No. 8
	⊗ Pit ○ Boring	⊗ Pit ○ Boring	⊗ Pit ○ Boring	⊗ Pit ○ Boring	⊗ Pit ○ Boring
Thickness and Description of each soil strata encountered	Organic dark brown sandy loam, Inches 6	Organic dark brown sandy loam, Inches 5	Organic strata, Inches	Organic strata, Inches	Organic strata, Inches
	1st strata light brown sandy loam, Inches 8	1st strata light brown sandy loam, Inches 19	1st strata dark brown sandy loam, Inches 8	1st strata dark brown sandy loam, Inches 8	1st strata dark brown sandy loam, Inches 8
	2nd strata olive fine sandy loam, Inches 12	2nd strata olive brown loamy sand, Inches 22	2nd strata light brown-olive sandy loam, Inches 48	2nd strata light brown sandy loam, Inches 28	2nd strata olive brown sandyloam, Inches 16
	3rd strata sand, Inches 34	3rd strata sand, Inches 14	3rd strata, Inches	3rd strata sand, Inches 24	3rd strata sand, Inches 36
Depth from surface of ground to:	Total Depth of observation hole Inches 60	Total Depth of observation hole Inches 60	Total Depth of observation hole Inches 56	Total Depth of observation hole Inches 60	Total Depth of observation hole Inches 60
	Max. Ground water table—mottling ⊗ None Evident, Inches	Max. Ground water table—mottling ⊗ None Evident, Inches	Max. Ground water table—mottling ⊗ None Evident, Inches	Max. Ground water table—mottling ⊗ None Evident, Inches	Max. Ground water table—mottling ⊗ None Evident, Inches
	Impervious layer, clay, etc. ⊗ None Evident, Inches	Impervious layer, clay, etc. ⊗ None Evident, Inches	Impervious layer, clay, etc. ○ None Evident, Inches	Impervious layer, clay, etc. ⊗ None Evident, Inches	Impervibus layer, clay, etc. ⊗ None Evident, Inches
	Bedrock Inches ⊗ None Evident Type of Bedrock	Bedrock Inches ⊗ None Evident Type of Bedrock	Bedrock Inches ○ None Evident Type of Bedrock	Bedrock Inches ⊗ None Evident Type of Bedrock	Bedrock Inches ⊗ None Evident Type of Bedrock
	Surface slope 8 %	Surface slope 8 %	Surface slope 10 %	Surface slope 10 %	Surface slope 10 %
	Soil Group & Condition per Table 9-1 of the Code, II: 5B	Soil Group & Condition per Table 9-1 of the Code, II: 5B	Soil Group & Condition per Table 9-1 of the Code, II: 2B	Soil Group & Condition per Table 9-1 of the Code, II: 5B	Soil Group & Condition per Table 9-1 of the Code, II: 5B

On June 8, 1976 (date), a site investigation for this project was completed. I supervised 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 and Registration/Certification Number: Lloyd C. Towle 1928

Date signed: June 11, 1976

○ Soil Scientist ○ Geologist ⊗ Soil Engineer ○ Other, must show current letter of certification to LPI

PRIVATE SEWAGE DISPOSAL SYSTEM PROPOSED

Show location of system and details on sketches on page 2, and refer to completed sample form

SYSTEM:
⊗ COMBINED SYSTEM
○ SEPARATED SYSTEM
If separated system—type of human waste disposal system to be used:
○ Sealed Vault Privy
○ Open Pit Privy
○ Compost Toilet
○ Incinerator Toilet
○ Chemical Toilet
○ Other, describe

See Chapter 9 of the Code, II.

TREATMENT TANK:
⊗ Septic Tank
⊗ Concrete
○ Fiberglas
○ Metal
Manufacturer— N.A.
Size in gallons 2 ea. 1500 3000 gal. total
○ Aerobic Tank
Manufacturer—
Model No.
Size in gallons

SUBSURFACE ABSORPTION AREA

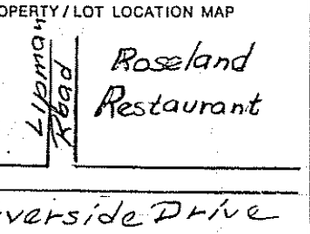
Type	SIZE
○ Trench System: Total trench length. _____	○ Very Small ⊗ Small ○ Medium ○ Medium Large ○ Large ○ Extra Large
⊗ Bed System Length 133 Width 20	
○ Chamber System Number — ○ Type A ○ Single File ○ Type F ○ Cluster	
○ Mound System Length Width at base	
○ Special System Length Width	
○ Non-discharge System Bed-Length Width Holding Tank Size Gal. Manufacturer ○ Alarm device provided, type	

SITE MODIFICATION
Fill is—○ required, ⊗ not required
Fill will be inches deep

DETAILS
○ A Distribution Box is required recommended
Pumping is—○ required, ⊗ is not required.
The Dose will be gallons

DISTANCES
⊗ Yes ○ No: The proposed subsurface absorption area will be located at least 100 feet from any and all wells; springs; surface water bodies and courses (lake, pond, ocean, brook, stream, river); swamps; marshes; and bogs.
⊗ Yes ○ No: The proposed subsurface absorption area will be located at least 300 feet from any and all wells and springs producing 2000 gallons or more of water per day and any public water supplies.

PROPERTY/LOT LOCATION MAP



Riverside Drive
Location—roads, landmarks

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 _____ ○ without condition.

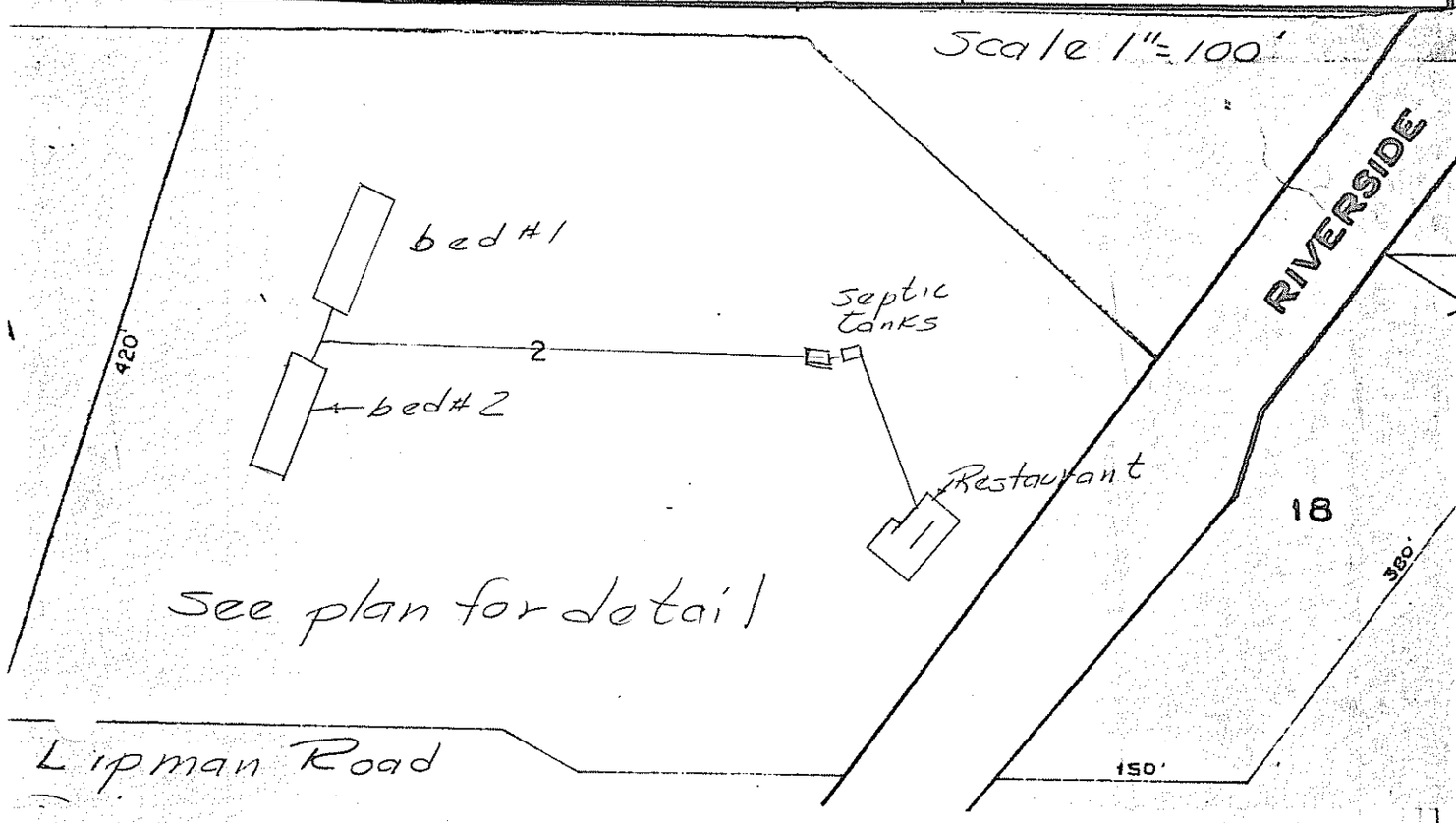
Signed LPI Richard P. Baker Date 7-22-76

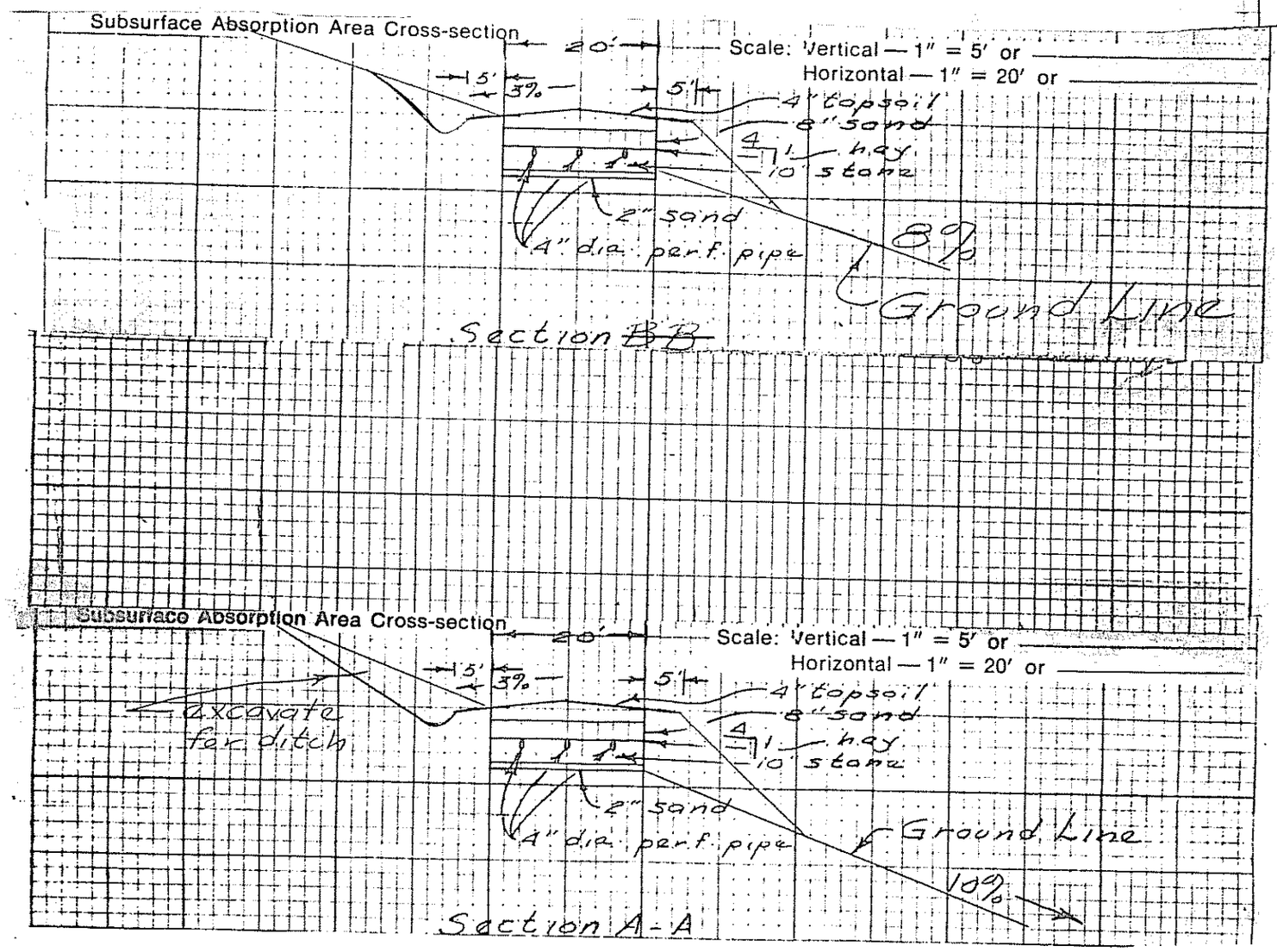
HHE - 200 5/75

APPLICATION FOR PRIVATE SEWAGE DISPOSAL PERMIT

(For systems disposing of less than 2000 gallons per day)

Town	Street, Road, etc. If on water body, give name	Owner of property
Augusta, Me.	Riverside Drive	Carlton Cote





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.

HHE - 200 5/75

Signature Required

Date: 7/22/76

Applicant:

Owner: Carlton Cote

WATER USED AT:

776 RIVERSIDE-C.COTE

AUGUSTA WATER DISTR
BOX 596 12 WILLIAM
AUGUSTA, MAINE 043

56
410.0

DATE OF BILLING	READINGS PREVIOUS	READINGS PRESENT	CONSUMPTION IN 100 CU. FT.	AMOUNT	REFERENCE	OTHER
3 31 75				4.20		

ROSELAND DINER
776 RIVERSIDE DR
AUGUSTA MAINE 04330

Pd. 4-7-75 CK# 146

SALES TAX	TOTAL
.21	$

THIS BILL IS DUE WHEN RENDERED – PLEASE PAY PROMPTLY

PAY THIS AMOUNT

56
410.0

DATE OF BILLING	READINGS PREVIOUS	READINGS PRESENT	CONSUMPTION IN 100 CU. FT.	SUB TOTAL	REFERENCE	OTHER C
6 30 75	5	142	137	64.05		

ROSELAND DINER
776 RIVERSIDE DR
AUGUSTA MAINE 04330

Pd. 7-15-75 CK# 134

SALES TAX	TOTAL
3.20	$ 67

THIS BILL IS DUE WHEN RENDERED – PLEASE PAY PROMPTLY

PAY THIS AMOUNT

56
410.0

DATE OF BILLING	READINGS PREVIOUS	READINGS PRESENT	CONSUMPTION IN 100 CU. FT.	SUB TOTAL	REFERENCE	OTHER CH
9 29 75	142	638	496	160.98		

ROSELAND DINER
776 RIVERSIDE DR
AUGUSTA MAINE 04330

Paid 10-17-75 CK# 1242

SALES TAX	TOTAL BIL
8.05	$ 169.

THIS BILL IS DUE WHEN RENDERED – PLEASE PAY PROMPTLY

PAY THIS AMOUNT

56
410.0

DATE OF BILLING	READINGS PREVIOUS	READINGS PRESENT	CONSUMPTION IN 100 CU. FT.	SUB TOTAL	REFERENCE	OTHER CH
12 29 75	638	768	130	62.16		

ROSELAND DINER
776 RIVERSIDE DR
AUGUSTA MAINE 04330

Pd. 1-19-76 CK# 1103

SALES TAX	TOTAL BI
3.11	$ 65

THIS BILL IS DUE WHEN RENDERED – PLEASE PAY PROMPTLY

PAY THIS AMOUNT

56
410.0

DATE OF BILLING	READINGS PREVIOUS	READINGS PRESENT	CONSUMPTION IN 100 CU. FT.	SUB TOTAL	REFERENCE	OTHER CH
3 29 76	768	836	68	38.60		

ROSELAND DINER
776 RIVERSIDE DR
AUGUSTA MAINE 04330

Pd 4-19-76 CK# 1198

SALES TAX	TOTAL BI
1.93	$ 40

THIS BILL IS DUE WHEN RENDERED – PLEASE PAY PROMPTLY

PAY THIS AMOUNT

Septic Tank Size

$1125 + 0.75Q =$

$1125 + 0.75(2041.5) =$ 2656 gallons

Add 300 gallons for Emily Coty House = 2881

Use 3,000 gallon Tank

Russell Martin of Health Engineering division of Health & Welfare gave oral permission to use 2 ea. 1500 gallon tanks

Bed Size

SB soil – rated for small system

1.3 sq ft/gal./day

2041.5 gpd x 1.3 = 2654 sq ft of bed

= 133 L.F. of bed 20' wide

6/11/76

Roseland Diner L.C. Rowe

Design Data

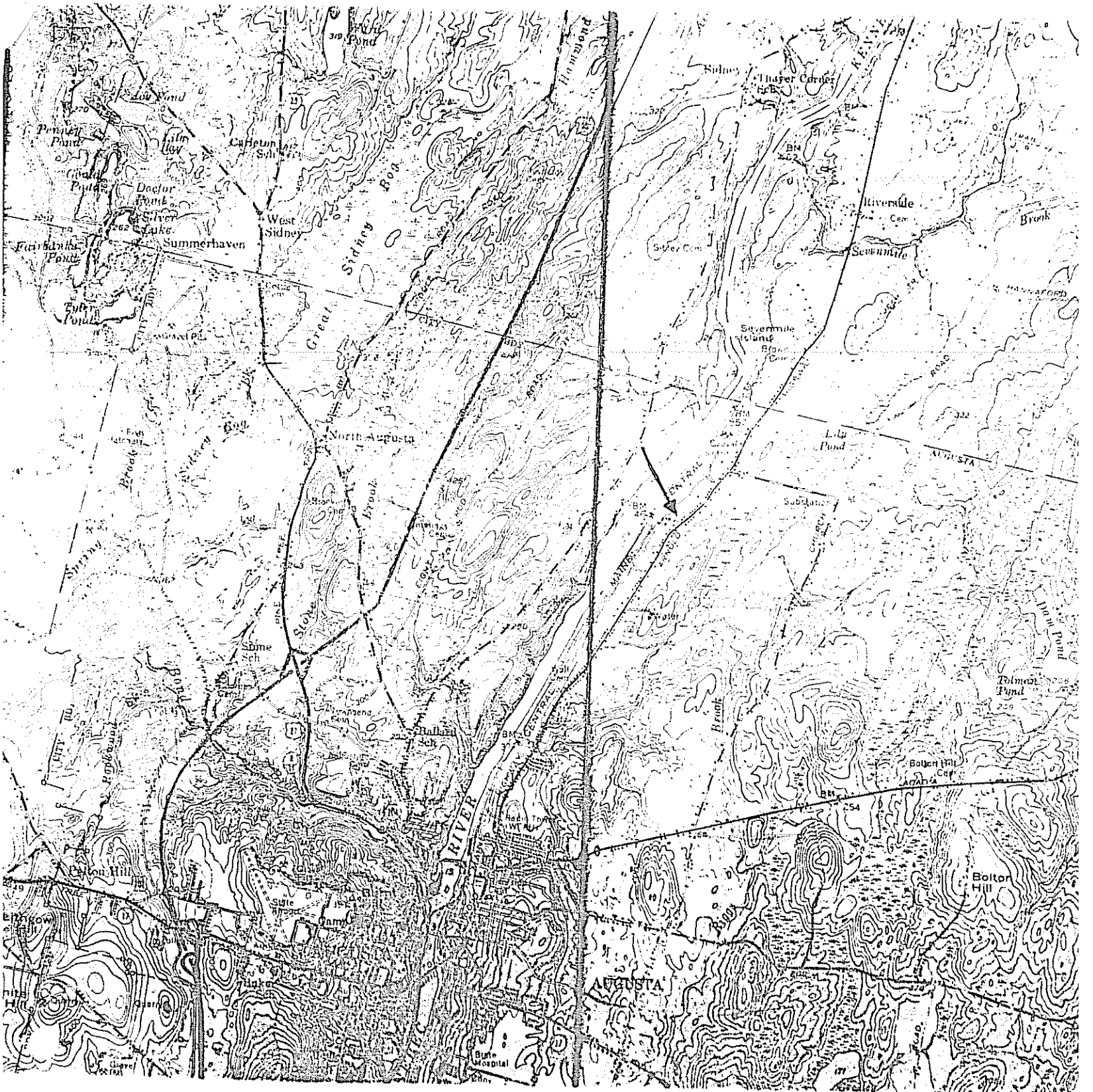
Billing Date	Water Use (100 cu ft)	Note Re-opened	Gallons	per day
3/31/75	4.2		31,416	349
6/30/75	137		102,476	1139
9/29/75	496	Air Conditioning	371,008	4,122
12/29/75	130		97240	1080
3/29/76	68		50864	565

discard June 30 to ~~July~~ Spt 29 values because of air conditioner use.
replace @ estimate of 1300 gal/day
discard use prior to May 31, 1975 as not relevant.

1139
1300
1080
565

4084 ÷ 3 = 1361 gallons/day

~~estimate~~ 1361 x 1.5 safety & reserve for future growth = Water Use Design Value 2041.5 gal/day



Sidney
Thayer Corner Sch
Riverside
Sevenmile
Sevenmile Island
Lily Pond
Substation
Dam Pond
Tolman Pond
Bolton Hill
Bolton Hill Cem
AUGUSTA
Pelton Hill
Summerhaven
West Sidney
North Augusta
Great Sidney Bog
Sidney Bog
Stone Sch
Ballard Sch
Carleton Sch
Doctor Pond
Silver Lake
Penney Pond
Fairbanks Pond
Tyler Pond
Hammond
Brook
RIVER
Stone
Bond
Spring
Rockwood
Lithgow Hill
Hinkley
State Hospital

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

DAVID E. SMITH
COMMISSIONER

July 20, 1976

Mr. Carlton Cote
57 Eastern Avenue
Augusta, ME 04330

Subject: Proposed Private Sewage Disposal Facilities,
Roseland Restaurant, Riverside Drive, Augusta

Dear Sir:

This is to acknowledge receipt of plans plus soils information dated June 11, 1976 by Lloyd C. Rowe, P.E., for the subject project. The proposal calls for the construction of sewage disposal facilities for the subject restaurant, as follows: Two (2) 1500 gallon septic tanks installed in series followed by two (2) disposal beds, each 20' X 67'. Soils in the area of the proposed sewage disposal area were reported by Mr. Rowe as Group 5-B from Table 9-1, Maine Plumbing Code, Part II. Based on past water use records; and incorporating a factor of safety of 1.5; a design sewage flow of 2041 gallons/day is proposed.

Review of the subject project has been completed by this office. Based on the written information you submitted, the proposed design appears to meet requirements of the Maine Plumbing Code, Part II; we therefore give our approval to the proposal. We would strongly advise the location of a cleanout in the building sewer midway between the building drain and the septic tank.

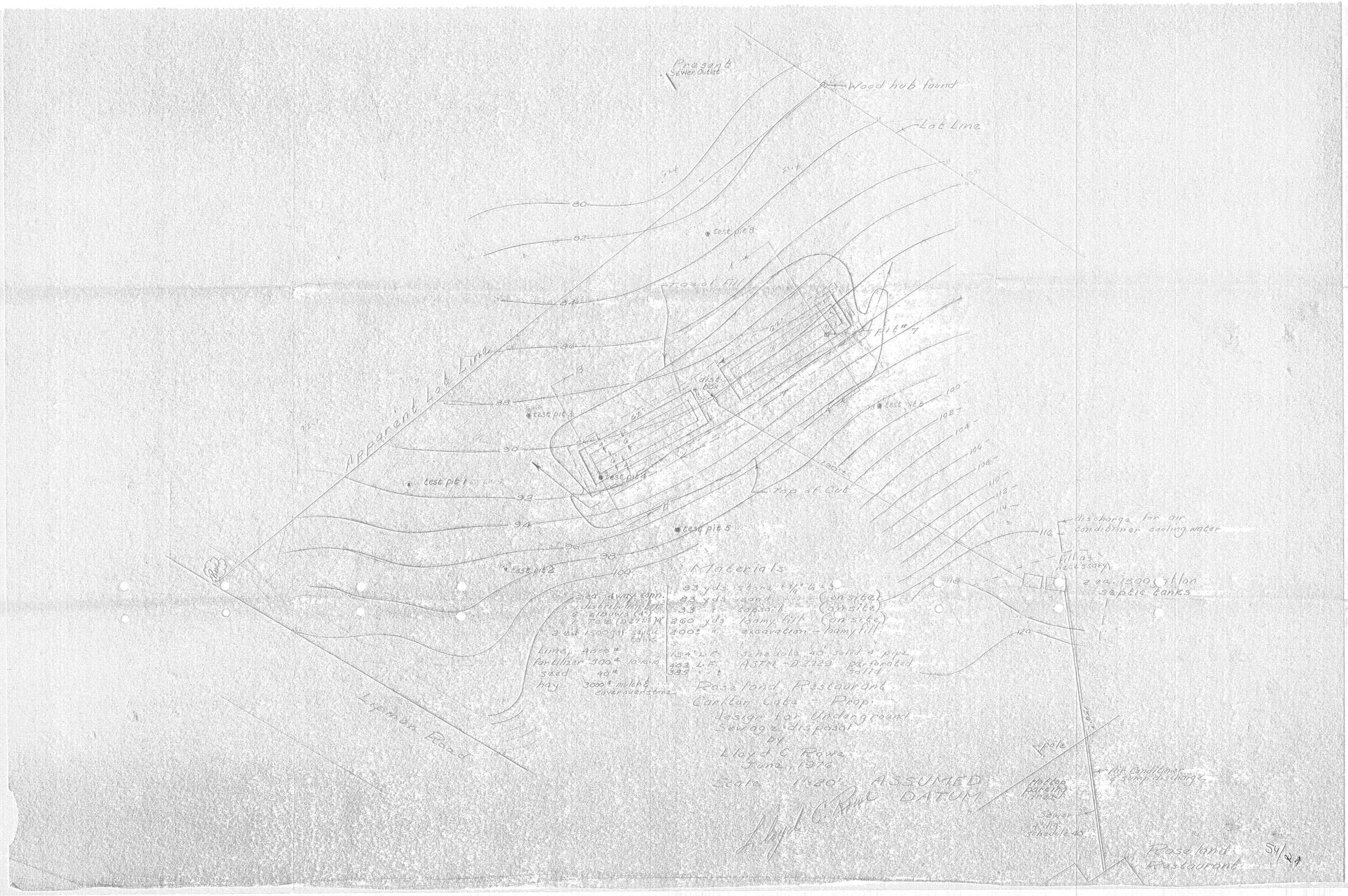
Final approval of the sewage portion is subject to permit by the Local Plumbing Inspector before the construction of this system. A completed HHE-200 Form must be submitted to him for processing. The inspector is to be notified before covering the work, and the work is to be left uncovered until his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

Yours very truly,

Russell G. Morton

for W. Clough Toppan, Sanitary Engineer
Plans and Standards Review
Division of Health Engineering

RGM/mm
cc: Richard Baker, LPI
Freeman Eugley
James Datsis
enc.


Present Sewer Outlet
Wood hub found
Lot Line
Apparent Lot Line
Lipman Road
test pit 1
test pit 2
test pit 3
test pit 4
test pit 5
test pit 6
test pit 7
test pit 8
Top of Cut
dist. box
discharge for air conditioner cooling water
fill as necessary
2 ea. 1500 gallon septic tanks
pole
Air conditioner & sump discharge
Hot top parking area
Sewer 4" dia. schedule 40
Roseland Restaurant
Materials
2 ea. 4 way conn.
1 distribution box
5 elbows (4")
1 Tee (D2729) 4"
2 ea. 1500 gal. septic tank
Lime, 4000#
fertilizer 500# 10-10-10
seed 40#
hay 3000# mulch & cover over stone
83 yds. stone +3/4" to -3
83 yds. sand (on site)
33 " topsoil (on site)
260 yds. loamy fill (on site)
200± " excavation - loamy fill
154' L.F. schedule 40 solid 4" pipe
402 L.F. ASTM - D 2729 perforated
385 " " " solid
Roseland Restaurant
Carlton Cote - Prop.
design for Underground
Sewage disposal
by
Lloyd C. Rowe
June, 1976
Scale 1"=20'
ASSUMED DATUM
Lloyd C. Rowe
54/24