

JUSTIFICATIONS

OWNER:

The owner must elaborate below the reasons for requesting the waiver(s) on the front side of this form.

This lot No-5 is a very nice lot but had to be graded down to make it like I wanted and this is why I had the health engineers come over to evaluate it to get a proper disposal bed system to do the job and the plans will be built to their spec. for the system.

NOTE: Please attach another sheet of paper if additional space is required.

SOIL EVALUATOR:

The soil evaluator must state the reasons why the waiver request should be granted and according to professional judgment why the proposed subsurface system design will function properly.

The initial site evaluation at the subject property on 1 October 1978 concluded that a new disposal system could not be designed in full conformance with the Maine Plumbing Code, Part II, due to existing physical site alterations, and presence of mottling throughout the soil, which was within the minimum (15") depth from existing grade required for new construction.

As the property owner desired further consideration at the State level, preliminary site information was submitted to the Division of Health Engineering by the Site Evaluator. Site visits were then conducted by Division personnel in December 1978 and April 1979. The determination was made that the mottling evident in the sandy outwash soil was not a true indication of the seasonal water table level at this site, that the level was lower than what the mottling implied, and that a system could be designed to overcome site limitations. Therefore, a disposal system has been designed for this property, the location and sizing of which has been established in consultation with Health Engineering staff, requiring a waiver to portions of the Code, II, as described on the front of this form. In consideration of the highly permeable soil, and unusual site conditions, the proposed disposal bed exceeds the size required (Table 9-1, Code, II). This larger bed sizing will provide a greater surface area for effluent absorption, and minimize the infiltration rate for a given square foot of soil. The elevation of the disposal bed has been established to meet or exceed the minimum 2 foot separation (Table 9-1, note 2) from the seasonal water table level as determined from site inspections in April and May, 1979.

Provided that the site is appropriately graded, the disposal bed is properly elevated and constructed in accordance with the proposed design and Code requirements, and that the system is correctly maintained, the subsurface waste water disposal system as designed should function properly in a healthful and environmentally sound manner.

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

New System Conversion Permit Replacement Of Entire System Disposal Area Only
 Expanded System Experimental System

This Is NOT A Permit; This Form When Completed Must Be Presented To The Local Plumbing Inspector To Obtain A Permit

City: AUGUSTA Street, Road, Etc.: EIGHT ROD ROAD Plumbing Permit No.: 4-18-80 Date Of Plumbing Permit: 23014 EP

Owner Of Property: Gabriel Dostie Tel. No.: 622-5284 Name Of Applicant Owner's Agent: Tel. No.:
 Address: RFD 3, Box 19 Street: State: Zip Code: Town: State: Zip Code:

Applicant's Signature: *G. Dostie* Date: Applicant's Signature: Date: Subdivision Name: Dostie Bros. Lot No.: 5

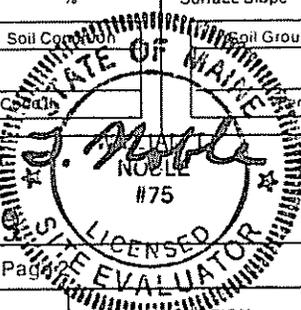
Water Supply For This Property Is: Dug Well, depth: Drilled Well, depth: ? Spring, depth: Surface water Body Course— with disinfection, without disinfection. Public Utility, name: _____

SOIL INVESTIGATION Show Location Of Pits on Site Plan on Page 2

Soil Profile No.	Soil Profile No. 1 (10-1-78)		Soil Profile No. 2 (10-1-78)		Soil Profile No.		Soil Profile No.	
	<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	<input type="checkbox"/> Pit	<input type="checkbox"/> Boring
Organic Strata (topsoil stripped)	Organic Strata (10 ft. of soil removed)		Organic Strata		Organic Strata		Organic Strata	
1st Strata Yellow brown lfs 0-11	1st Strata Olive brown ls 0-16		1st Strata		1st Strata		1st Strata	
2nd Strata Light olive lfs 11-20	2nd Strata Gray ls (fragipan) 16-17		2nd Strata		2nd Strata		2nd Strata	
3rd Strata Gray lfs (fragipan) 20-21	3rd Strata Olive brown ls 17-60		3rd Strata		3rd Strata		3rd Strata	
4th Strata Olive brown lfs 21-65	4th Strata		4th Strata		4th Strata		4th Strata	
Total Depth of Observation Hole Inches 65	Total Depth of Observation Hole Inches 60		Total Depth of Observation Hole Inches		Total Depth of Observation Hole Inches		Total Depth of Observation Hole Inches	
Max. Seasonal Water Table Mottling 13 inches	Max. Seasonal Water Table Mottling (at surface) g/w seepage at 58 inches		Max. Seasonal Water Table Mottling		Max. Seasonal Water Table Mottling		Max. Seasonal Water Table Mottling	
Impervious Layer Clay, Etc. 20 inches	Impervious Layer Clay, Etc. 16 inches		Impervious Layer Clay, Etc.		Impervious Layer Clay, Etc.		Impervious Layer Clay, Etc.	
Bedrock <input checked="" type="checkbox"/> None Evident Type of Bedrock	Bedrock <input checked="" type="checkbox"/> None Evident Type of Bedrock		Bedrock <input type="checkbox"/> None Evident Type of Bedrock		Bedrock <input type="checkbox"/> None Evident Type of Bedrock		Bedrock <input type="checkbox"/> None Evident Type of Bedrock	
Surface Slope ~ 0 %	Surface Slope ~ 0 %		Surface Slope %		Surface Slope %		Surface Slope %	
Soil Group 6 Soil Condition D	Soil Group 6 Soil Condition D		Soil Group Soil Condition		Soil Group Soil Condition		Soil Group Soil Condition	

On 5-6-79 (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: *William J. Noble* Site Evaluator License Number: 75
Date Signed: MAY 7 - 1979



DISPOSAL SYSTEM PROPOSED Show Location of System and Details on Disposal Plan on Page 3

SYSTEM: Combined System Separated System

TREATMENT TANK: Aerobic Tank Septic Tank Concrete Fiberglass Metal

SUBSURFACE ABSORPTION AREA/TYPE: Bed System No. of Beds 1 Length 45 ft Width 20 ft

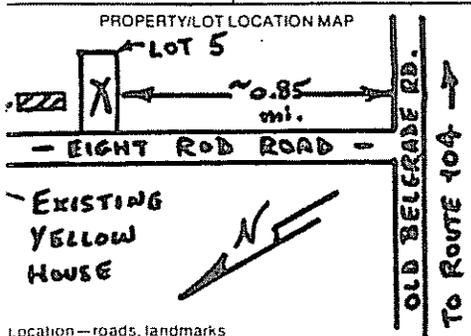
SIZE: Small Medium Med.-Large Large Extra-Large

Design Flow: 264 GPD

Number of Bedrooms: 3 or less

Details: A Distribution Box is required 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.



WAIVER: State Variance Required Replacement Variance Required None Required

FOR THE USE OF LPI ONLY

Denial: Application is denied for the 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 4.1

Site Investigation indicates site is unsuitable for disposal system. Unsuitable for system proposed.

System Proposed does not conform to Code.

Site Investigation indicates site modifications are necessary.

Acceptance: Application for permit is approved with condition specified, comply with Section 4.2-4.4-9.1 without condition.

Signed LPI: *Richard P. Barber* Date: 4-18-80 HHE-200 1178

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

79001

Street, Road, etc. **8 ROD ROAD**

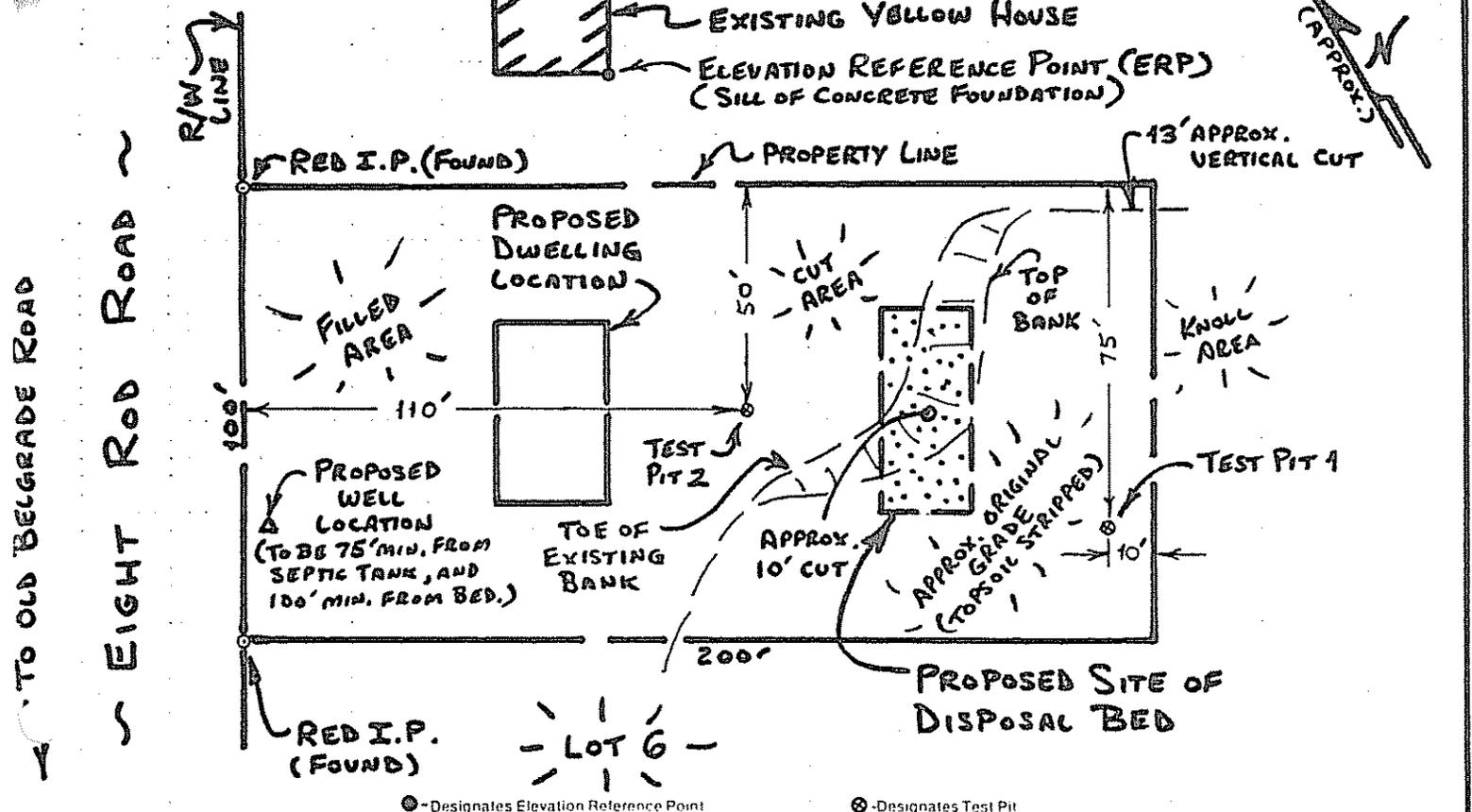
Owner of Property **GABRIEL DOSTIE**

If on water body, give name

AUGUSTA

Site Plan

Scale 1" = 40 ft.

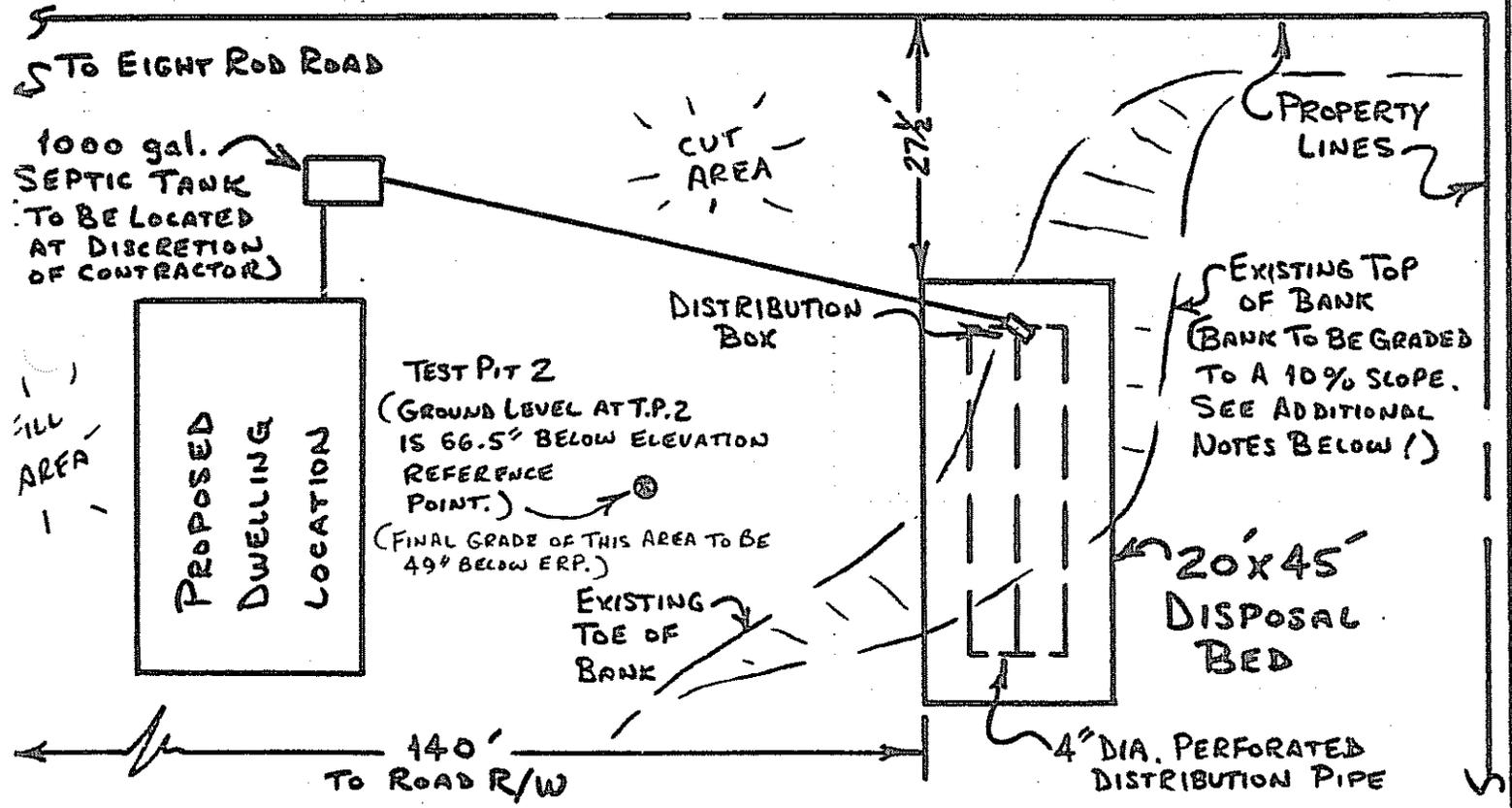


● - Designates Elevation Reference Point

⊙ - Designates Test Pit

Private Sewage Disposal Plan

Scale 1" = 20'



Subsurface Absorption Area Cross-section

SEE ATTACHED DISPOSAL SYSTEM DIAGRAM

*NOTES:

- ELEVATION OF DISPOSAL BED BOTTOM BASED ON EXISTING ELEVATION OF LAND AT TEST PIT 2, RECORDED ON 1 OCTOBER 1978.
- ELEVATION OF DISPOSAL BED BOTTOM TO BE 24" ABOVE EXISTING GRADE AT T.P. 2 (42.5" BELOW ERP).
- FINAL GRADE OF BED CROWN AT CENTERLINE WILL BE 16" BELOW ERP.
- FINAL GRADE OF EXISTING BANK AREA TO BE 10%.
- DEPTHS OF FILL AT UPHILL AND DOWNHILL SIDES OF BED CROSS-SECTION APPROX. UPON FINAL LOCATION OF BANK.

William J. Noble 5-7-79

License Number 75

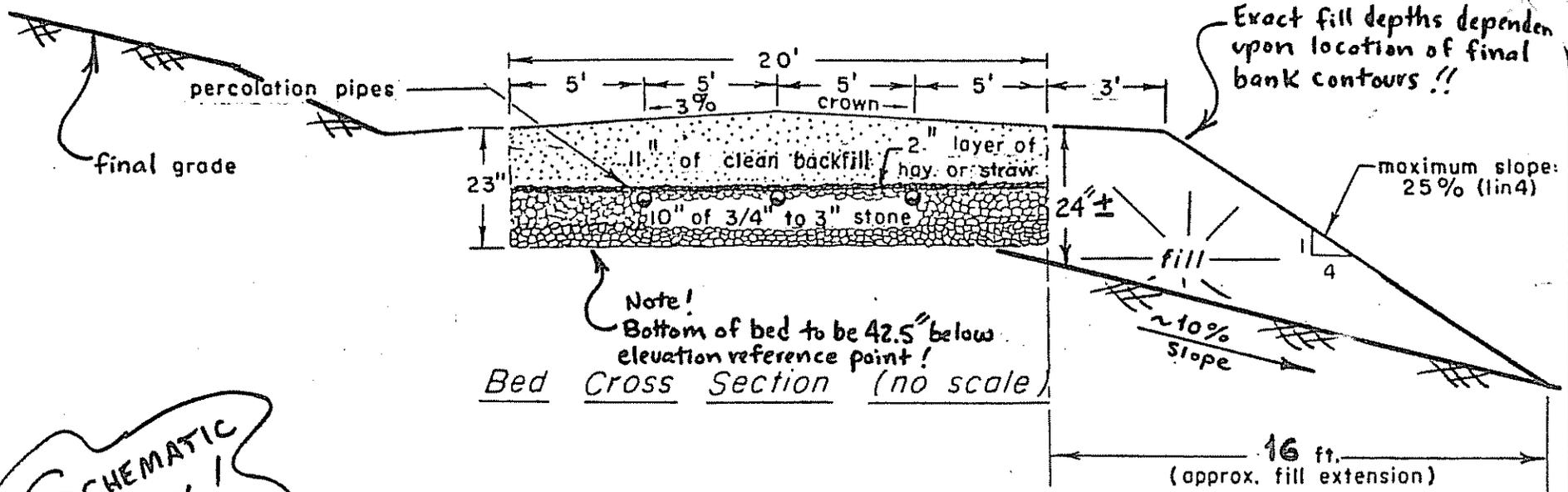
Signature Required

HHE-200 1/76

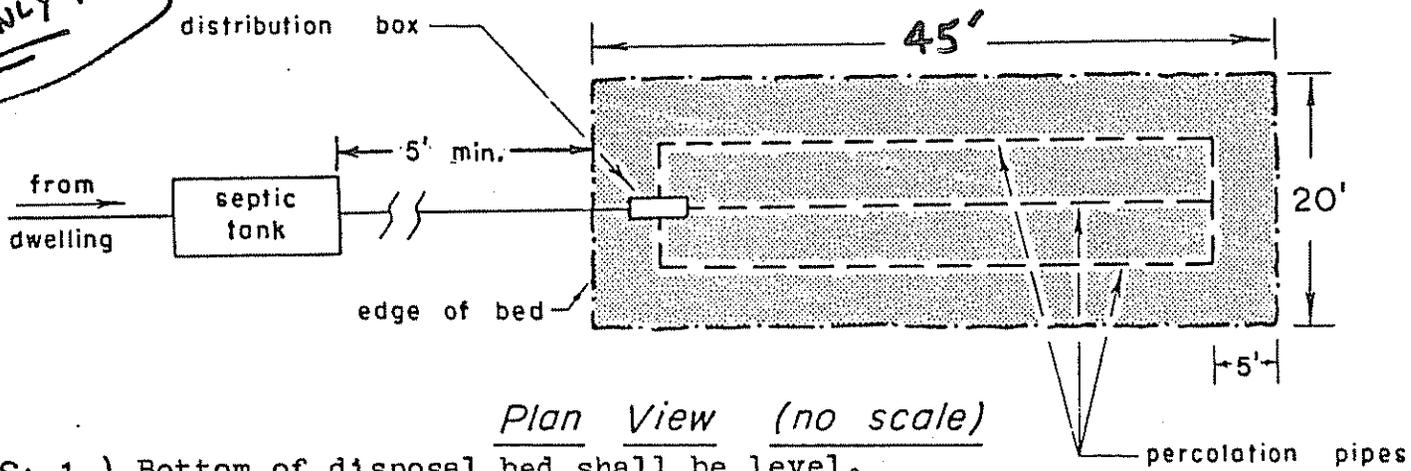
I certify that all the information submitted to be true and correct, and I understand that issuance of a permit is based upon the information and plans submitted by the applicant. I also understand that any falsification of this application is reason to deny a permit to install a private sewage disposal 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

Date: July 2-79
Applicant: Gabriel Dostie

SEWAGE DISPOSAL BED DETAILS



Schematic ONLY!



- * NOTES:
- 1.) Bottom of disposal bed shall be level.
 - 2.) 0 inches of fill is required at uphill end of bed.
 - 3.) Texture of backfill and perimeter fill shall be similar to original soil.
 - 4.) If pump is used, the bed should be vented (see Sec. 8.2, Code, II).
 - 5.) Refer to Sections 8.4, 9.3, Table 6-1, and Appendix of the Maine Plumbing Code, Part II, for further details regarding installation requirements.

FOR: **GABRIEL DOSTIE, Lot No. 5**

William W. Noble - Licensed Site Evaluator

Job No. **80001**

By: **WTL**

Date: **MAY 7 - 1979**

Signs on this system on...
Based upon my cert.
on the HHE-200 Form.

STATE OFFICE USE ONLY

5-76

October 3, 1979

Mr. Gabriel Dostie
RFD 3, Box 19
Augusta, ME 04330

Subject: Variance to the Maine Plumbing Code, Part II, Gabriel Dostie property,
Lot #5, Dostie Bros. Subdivision, Eight Rod Road, Augusta

Dear Sir:

This is to acknowledge receipt of the following items:

A completed HHE-200 Form by William Noble, SE.; a completed HHE-215 Form signed by Gabriel Dostie, property owner; William Noble, SE., and Richard Baker, LPI. The above is accepted as a complete application for variance to the Maine Plumbing Code, Part II. A new subsurface disposal system cannot be installed on the subject property in full compliance with the Maine Plumbing Code, Part II, because of the installation of a 45'x20' bed system on category 6D soil with seasonal high water table ranging from the surface to 13 inches below the existing ground, the reasons for the variance request.

An on-site inspection was made in April, 1978 to the subject lot by Mr. Albert Erick, Soil Scientist, and Mr. David Breaux, Assistant Engineer for this office. During the on-site, Mr. Noble's soils report was verified, and it was the determination of this office that the mottling observed was not a true indication of the seasonal high water table and that a system could be placed on the property provided a two foot separation was maintained above the elevation of the flattened area at the base of the hill to the rear of the property and the bottom of the disposal area.

In consideration of the HHE-200 Form dated May 7, 1979, along with the recommendations and justifications noted on the HHE-215 Form, this office hereby grants the responsible local plumbing inspector the authority to waive certain provisions of the Maine Plumbing Code, Part II, for the following new disposal system under the authority of Section 3.6 of the Code.

The installation of a 1000 gallon septic tank followed by a 45'x20' bed system.

At least 0 inches and 24 inches of fill shall be applied on the uphill and downhill sides of the disposal field, respectively. The fill shall be of a texture similar to the original soil and will provide a 24 inch separation between the bottom of the disposal bed and the seasonal high water table and impervious layer. The fill must be extended in all directions as required by Chapter 9 of the Maine Plumbing Code, Part II.

Mr. Gabriel Dostic
October 3, 1979
Page 2

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.

Please be advised that this approval is in no way to be construed as a guarantee of the system's performance. You are reminded that the correction of any future nuisance conditions is the responsibility of the property owner.

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.

Very truly yours,



David P. Breau
Plans & Standards Review
Division of Health Engineering

DPB/IK

cc: William Noble, S.E.
Richard Baker, IPI ✓

666
October 3, 1979

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Plans & Standards Review
Division of Health Engineering

DPB/lh

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Richard Baker, LPI