

0333

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, 10 SHS
(207) 287-5872 Fax: (207) 287-3185

PROPERTY LOCATION		PORTLAND	PERMIT # 10395	TOWN COPY
City, Town, or Plantation	Portland	Date Permit Issued:	9/10/07	\$ 1100 <input type="checkbox"/> If Double Fee Charged
Street or Road	300 Riverside Street	<i>Deanne Bonker</i> Local Plumbing Inspector Signature		L.P.I. # 07312
Subdivision, Lot #		Municipal Tax Map: 316-317 Lot # 3-316A1		

OWNER/APPLICANT INFORMATION		CAUTION: INSPECTION REQUIRED	
Name (Last, First, MI)	Hammond Lumber Company <input type="checkbox"/> Owner <input checked="" type="checkbox"/> Applicant	I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. (1st) date approved	
Mailing Address of Owner/Applicant	Route 27, Box 500 Belgrade, ME 04917	I authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.	
Daytime Tel. #	(207) 495-9303	(2nd) date approved	

OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
I state and acknowledge 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.		I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. (1st) date approved	
<i>Neil J. Hammond</i> Signature of Owner or Applicant		<i>Deanne Bonker</i> Local Plumbing Inspector Signature	
8/22/07 Date		(2nd) date approved	

PERMIT INFORMATION		
TYPE OF APPLICATION <input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type replaced: _____ Year installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <input type="checkbox"/> b. Major Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	THIS APPLICATION REQUIRES <input type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input checked="" type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input checked="" type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	DISPOSAL SYSTEM COMPONENTS <input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input checked="" type="checkbox"/> 11. Pre-treatment, specify: <u>Septi-Tech/Oxypro</u> (or equal) <input checked="" type="checkbox"/> 12. Miscellaneous Components <u>Effluent filter</u>
SIZE OF PROPERTY 5.41 ACRES C SQ. FT. X ACRES	DISPOSAL SYSTEM TO SERVE <input type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: _____ <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input checked="" type="checkbox"/> 3. Other: <u>warehouse & expansion</u> (specify) Current Use: <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	TYPE OF WATER SUPPLY <input type="checkbox"/> 1. Driller Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input checked="" type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other
SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK <input checked="" type="checkbox"/> 1. Concrete <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY: (2) 1000 GAL. w/effluent filter	DISPOSAL FIELD TYPE & SIZE <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device <input checked="" type="checkbox"/> a. cluster array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. regular load <input checked="" type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE: 3136 sq. ft. (11.0)	GARBAGE DISPOSAL UNIT <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below <input type="checkbox"/> a. multi-compartment tank <input type="checkbox"/> b. _____ tanks in series <input type="checkbox"/> c. increase in tank capacity <input type="checkbox"/> d. Filter on Tank Outlet	DESIGN FLOW <u>450</u> gallons per day BASED ON: <input type="checkbox"/> 1. Table 501.1 (dwelling unit(s)) <input checked="" type="checkbox"/> 2. Table 501.2 (other facilities) SHOW CALCULATIONS for other facilities: _____
SOIL DATA & DESIGN CLASS PROFILE: <u>B / D / 3</u> CONDITION: _____ DESIGN: _____ at Observation Hole # <u>TP-8A</u> Depth: <u>8</u> of Most Limiting Soil Factor: _____	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Small—2.0 sq. ft. / gpd <input type="checkbox"/> 2. Medium—2.6 sq. ft. / gpd <input type="checkbox"/> 3. Medium—Large 3.3 sq. ft. / gpd <input checked="" type="checkbox"/> 4. Large—4.1 sq. ft. / gpd <input type="checkbox"/> 5. Extra Large—5.0 sq. ft. / gpd	EFFLUENT/EJECTOR PUMP <input type="checkbox"/> 1. Not Required <input checked="" type="checkbox"/> 2. May Be Required <input type="checkbox"/> 3. Required Specify only for engineered system: _____ DOSE: _____ gallons	ATTACH WATER METER DATA <u>30 employees @ 15 gpd = 450 gpd</u> LAT: <u>43.6803</u> LONG: <u>70.3285</u> <input type="checkbox"/> 3. Section 503.0 (meter readings)

SITE EVALUATOR STATEMENT		
I certify that on <u>4-3-06</u> (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).		
<i>Gary M. Fullerton</i> Site Evaluator Signature	<u>353</u> SE #	<u>8-23-06</u> Date
Gary M. Fullerton Site Evaluator Name Printed	(207) 856-0277 Telephone Number	gfullerton@sebagotech.com E-mail Address
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.		



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Engineering • Construction • Maintenance • Installation

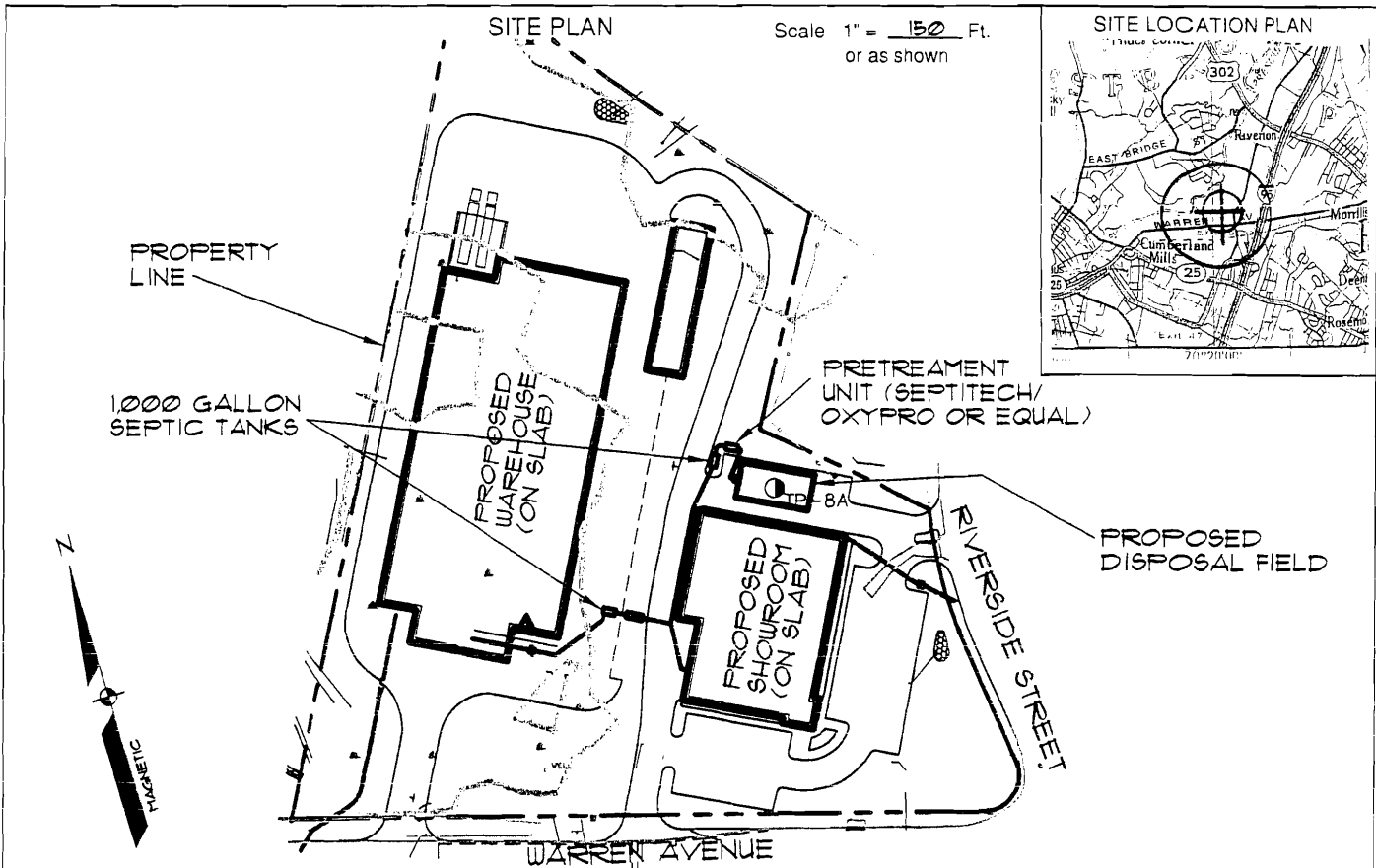
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, 10 SHS
 (207) 287-5672 FAX (207) 287-3165

Town, City, Plantation
Portland

Street, Road, Subdivision
300 Riverside Street

Owner or Applicant Name
Hammond Lumber Company



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

Observation Hole TP-8A Test pit Boring

0 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0 - 10	FINE SANDY LOAM	FRIABLE	DARK BROWN	
10 - 20	SILTY-CLAY LOAM	FIRM	DARK GRAY	COMMON & DISTINCT
20 - 30				
30 - 40				
40 - 50				

Soil Classification	Slope	Limiting Factor	<input checked="" type="checkbox"/> Ground Water
<u>B</u> Profile <u>D</u> Condition	<u>3-8</u> %	<u>8</u> "	<input type="checkbox"/> Restrictive Layer
			<input type="checkbox"/> Bedrock
			<input type="checkbox"/> 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				
10 - 20				
20 - 30				
30 - 40				
40 - 50				

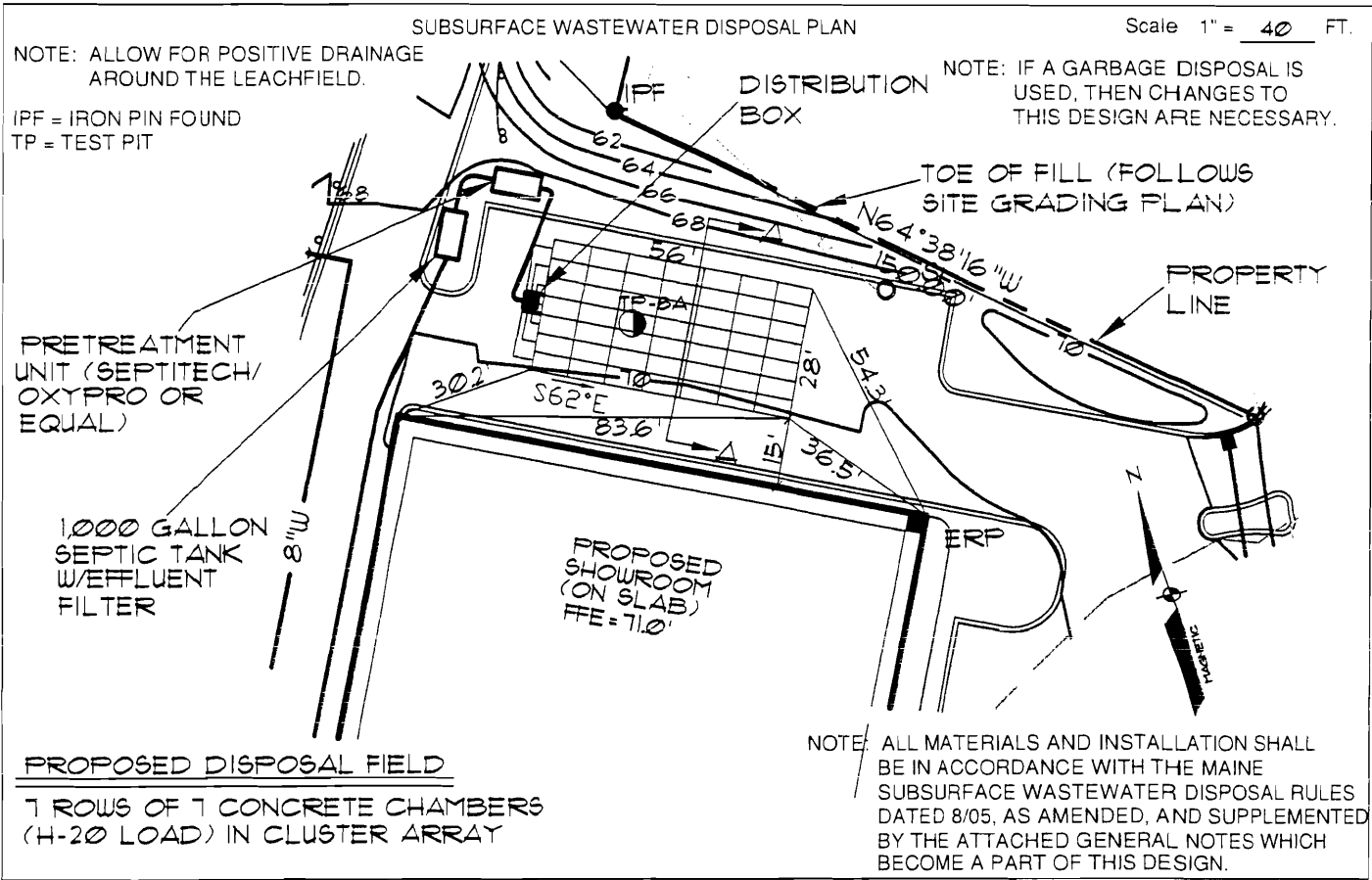
Soil Classification	Slope	Limiting Factor	<input type="checkbox"/> Ground Water
Profile Condition	%	"	<input type="checkbox"/> Restrictive Layer
			<input type="checkbox"/> Bedrock
			<input type="checkbox"/> Pit Depth

[Signature]
 Site Evaluator Signature

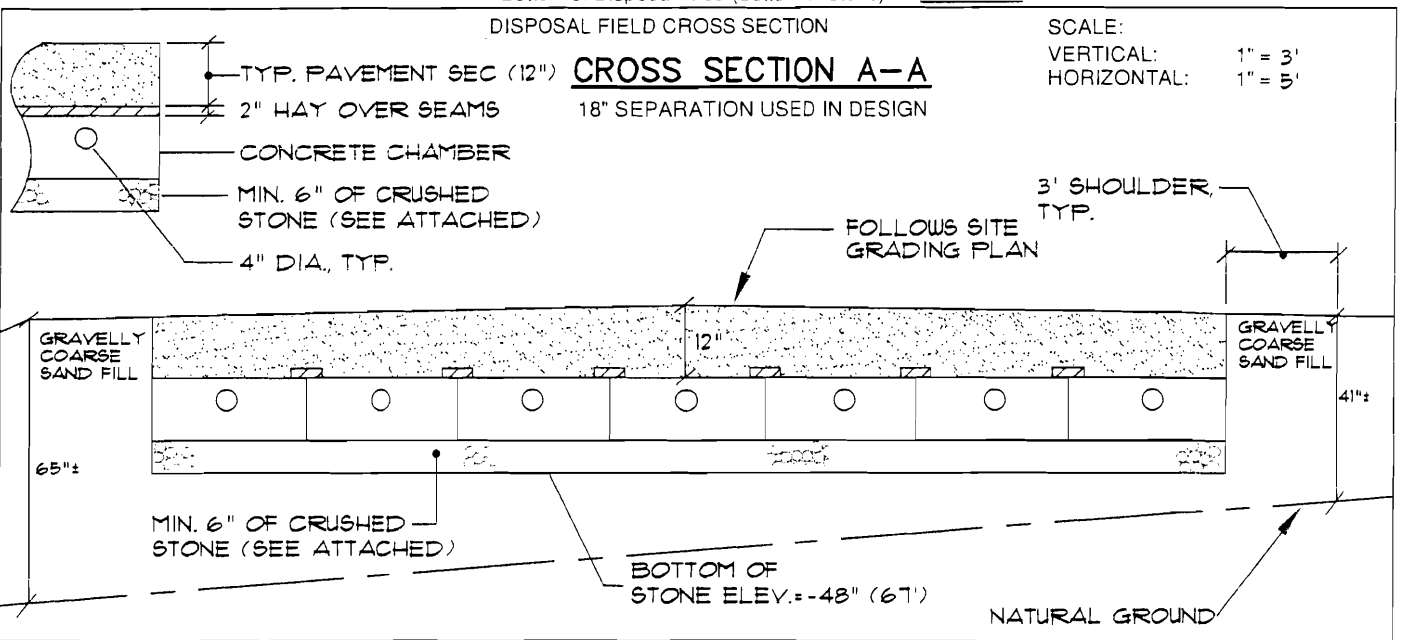
355
 SE #


Revised 8-20-07
 8-25-06
 Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION		Maine Department of Human Services Division of Health Engineering, 10 SHS (207) 287-5672 FAX (207) 287-3165
Town, City, Plantation Portland	Street, Road, Subdivision 300 Riverside Street	Owner or Applicant Name Hammond Lumber Company



BACKFILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT
Depth of Fill (Upslope) <u>4"±</u>	Finished Grade Elevation (MINIMUM) <u>-17" (69.6')</u>	Location & Description Showroom
Depth of Fill (Downslope) <u>6.5"±</u>	Top of Distribution Pipe or Proprietary Device <u>-29" (68.6')</u>	NE cnr Finish Floor Elevation
	Bottom of Disposal Area (Bottom of Stone) <u>-48" (67')</u>	Reference Elevation <u>0" (FFE = 71')</u>




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Revised 8-21-07
Page 3 of 3

Site Evaluator Signature
SE #
Date
HHE-200 Rev. 4/05

SEBAGO TECHNICS, INC.

General Notes
(attachment to form HHE-200)
< 1,000 gpd Septic System

1. The nature of the site evaluation profession is one of interpretation of soil and site conditions. We, in the field, attempt to both provide a satisfactory service to the client, and comply by the rules by which we are bound - The Maine Subsurface Wastewater Disposal Rules. If at any time you, the client, are not satisfied with the service provided or the results found, it is your right to hire another site evaluator for a second opinion.
2. Property information is supplied by the owner, applicant or representative. Such information presented herein shall be verified as correct by the owner or applicant prior to signing this application.
3. All work shall be in accordance with the Maine Subsurface Wastewater Disposal Rules dated 6/00, as amended.
4. All work should be performed under dry conditions only (for disposal area).
5. No vehicular or equipment traffic to be allowed on disposal area. Disposal field shall be constructed from outside the corner stakes located in the field. The downslope area is also to be protected in the same manner.
6. Backfill, if required, is to be gravelly coarse sand to coarse sand texture and to be free of foreign debris. If backfill is coarser than original soil, then mix top 4" of backfill and original soil with rototiller.
7. No neighboring wells are apparent (unless so indicated) within 100' of disposal area. Owner or applicant shall verify this prior to signing the application.
8. The disposal field stone shall be clean, uniform in size and free of fines, dust, ashes, or clay. It shall be no smaller than ¾ inch and no larger than 2½ inches in size (per Section 805.2.3 of the Maine Subsurface Wastewater Disposal Rules).
9. Minimum separation distances required (unless reduced by variance or special circumstance).
 - a) wells with water usage of 2000 or more gpd or public water supply wells:

Disposal Fields:	300'
Septic Tanks and Holding Tanks:	100'
 - b) any well to disposal area: 100'
 - c) any well to septic tank: 100'
 - d) septic tank or disposal area to lake, river, stream or brook: 100' for major watercourse,
50' for minor watercourse
 - e) house to treatment tank: 8'
 - f) house to disposal area: 20'
 - For all other separation distances, use separations for less than 1,000 gpd per Maine Subsurface Wastewater Disposal Rules Table 700.2.
9. Location of septic system near a wetland may require a separate permit. As such, the owner, prior to construction of the septic system, shall hire a professional to evaluate proximity of adjacent wetlands and prepare necessary permit applications.
10. Garbage disposals are not recommended and, if installed, are done so at the owner's risk. The additional waste load requires increased maintenance frequency, higher potential for failure, and larger septic tanks.
11. Pump stations, when required, shall be installed watertight to prevent infiltration of ground and/or surface water.
12. Force mains and pressure lines shall be flushed of any foreign material and pumps shall be checked for proper on/off cycle before being put into service.
13. Force mains, pump stations, and/or gravity piping subject to freezing shall be installed below frost line or adequately insulated.

FIRST TIME SYSTEM VARIANCE REQUEST

This form shall accompany an Application (HHE-200) for a proposed first time system which requires a Variance to provisions of the Subsurface Wastewater Disposal Rules.

The local plumbing inspector shall not issue a permit for the installation of a first time subsurface wastewater disposal system requiring a variance from the Department of Human Services until approval has been received from them.

GENERAL INFORMATION		Town of <u>Portland</u>
Permit No. _____	Property Owner's Name: <u>Hammond Lumber Company</u>	Date Permit Issued _____
System's Location: <u>300 Riverside Street</u>	Property Owner's Address: <u>Rt. 27, Box 500, Belgrade, ME 04197</u>	Tel. No.: <u>(207) 495-3303</u>
(if different from above) _____		

VARIANCE CONDITIONS

The Department has the authority to vary the requirements of the Rules in accordance with Section 105.2 of the Rules CMR 241 if all the following criteria are satisfied:

- a. The variance request has the approval of the LPI.
- b. The Municipal Officials have indicated that the variance does not conflict with any local wastewater disposal ordinances.
- c. The variance request demonstrates that there is no practical alternative for wastewater disposal, such as access to public sewer or the potential for an easement.
- d. The proposed system does not conflict with any provision controlling subsurface wastewater disposal in the Shoreland Zone.
- e. The site offers potential for a system which will dispose of the wastewater with minimal threat to public health, safety, or welfare.
- f. The property owner has indicated an awareness of the variance and any limitations or added costs the proposed system may require.

SOIL, SITE AND ENGINEERING FACTORS FOR NEW SYSTEM VARIANCE ASSESSMENT

(SEE TABLES 2000.1-2000.10)

	CHARACTERISTIC	POINT ASSESSMENT
Soil Profile	8	10
Depth to Groundwater/Restrictive Layer	8"	0
Terrain	Sideslope	3
Size of Property	5.4± ac/<50'	3
Waterbody Setback	>250'	5
Water Supply	Public	5
Type of Development	Commercial 301-750gpd	-5
Disposal Area Adjustment	66%	10
Vertical Separation Adjustment	N/A	---
Additional Treatment	Effluent filter &	3
	SeptiTech or Oxypro ATU (or equal)	20
TOTAL POINT ASSESSMENT (Sec. 2003.6)		54

Minimum Points (Check one): Outside Shoreland-50 Inside Shoreland-65 Subdivision-65

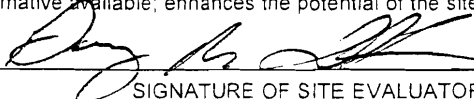
SPECIFIC VARIANCE REQUESTED (To be filled in by Site Evaluator)	SECTION OF RULE
1. <u>Depth to groundwater reduced to 8"</u>	<u>400.4.1</u>
2. <u>Toe of fill to 3:1 at the northeast corner of the disposal field</u>	_____
3. _____	_____

SITE EVALUATOR

When a property is found to be unsuitable for subsurface wastewater disposal for a First Time System Variance by a Licensed Site Evaluator, the Evaluator shall so inform the property owner. If the property owner, after exploring all other alternatives, wishes to request a Variance to the Rules, and the Evaluator in his professional opinion feels the variance request is justified and the site limitations can be overcome, he shall document the soil and site conditions on the Application. The Evaluator shall list the specific variances necessary plus describe below the proposed system design and function. The Evaluator shall further describe how the specific site limitations are to be overcome, and provide any other support documentation as required prior to consideration by the Department. (Use Additional Sheets, if needed)

The proposed disposal field will be 66% larger than required by the code and will also utilize an advanced treatment unit to treat the wastewater before it goes out to the disposal field. Essentially, much cleaner wastewater will be spread out over a larger area than necessary to help overcome the problem of the shallow seasonal high water and restrictive layer.

I, _____, S.E., certify that a variance to the Rules is necessary since a system cannot be installed which will completely satisfy all the Rule requirements. In my judgment, the proposed system design on the attached Application is the best alternative available; enhances the potential of the site for subsurface wastewater disposal; and that the system should function properly.



 SIGNATURE OF SITE EVALUATOR

4-19-07

 DATE

FORMS

HHE-215 Rev 6/00

First Time System Variance Request

PROPERTY OWNER

I, Michael Hammond, am the owner agent for the owner of the subject property. I understand that the installation on the Application is not in total compliance with the Rules. Should the proposed system malfunction, I release all concerned provided they have performed their duties in a reasonable and proper manner, and I will promptly notify the Local Plumbing Inspector and make any corrections required by the Rules. By signing the variance request form, I acknowledge permission for representatives of the Department to enter onto the property to perform such duties as may be necessary to evaluate the variance request.

Phil J. Hunt August 22, 2007

SIGNATURE OF OWNER DATE
 AGENT FOR THE OWNER

MUNICIPAL OFFICER(S) (Selectman, Councilman, Alderman, Mayor, Town Manager)

We, the Municipal Officer(s) of _____ have reviewed his application and are aware that the applicant is applying for a First Time System Variance to the Subsurface Wastewater Disposal Rules because the proposed system does not meet all requirements of the rules. The proposed variance request does does not comply with all Municipal Ordinances relating to subsurface wastewater disposal.

SIGNATURE FOR THE MUNICIPALITY TITLE DATE

LOCAL PLUMBING INSPECTOR - Approval at local level

The local plumbing inspector shall review all First Time System Variance requests prior to rendering a decision.

I, _____, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system does does not conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone.

Therefore, I do do not approve the requested variance. I will will not issue a permit for the system's installation as proposed by the application.

LPI Signature Date

LOCAL PLUMBING INSPECTOR - Referral to the Department

The local plumbing inspector shall review all First Time System Variance requests prior to forwarding to the Division of Environmental Health.

I, _____, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system does does not conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone.

Therefore, I do do not recommend the issuance of a permit for the system's installation as proposed by the application.

LPI Signature Date

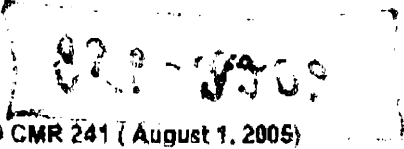
FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and does does not give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

SIGNATURE OF THE DEPARTMENT DATE

Note: 1. Variances for soil conditions may be approved at the local level as long as the total joint assessment is at least the minimum allowed. (See Section 1902.0 for Municipal Review.)

2. Variances for other than soil conditions or soil conditions beyond the limit of the LPI's authority are to be submitted to the Department for review. (See Section 1901.0 for Department Review.) The LPI's signature is required on these variance requests prior to sending them to the Department.



Application ID Number: 2006-6037

Delete Review

Save

Close

Department: Building

Status: Approved w/Conditions

Reviewer: Jeanine Bourke

Comments:

Approval Date: 09/07/2007

History

Given On Date: 09/05/2007

OK to Issue Permit

Name

Date

Date 2

Conditions Section:

Add New Condition
From Default List

Add New Condition

Delete Condition

Close

The advanced treatment system used for the first time variance request shall be a maximum of 10 mg/l or less as stated in Table 1900.11 of the subsurface disposal rules. A design spec of the system or device shall be submitted to this office.



Create Date: 09/06/2007 By Idobson

Update Date: 09/07/2007 By jmb

Sebago Technics
Engineering Expertise You Can Build On



Facsimile Cover Sheet

Project No. 05353

To: Tammy Munson

Company: Code Enforcement

Phone:

Fax: 874-8716

From: Gary Fullerton

Date: 8-8-07

Pages including this cover page: 5

Comments:

Tammy,

Please call me regarding the Hammond Lumber septic design on the corner of Warren Ave. and Riverside St. Here is a copy of the variance section of the Wastewater Disposal Rules.

Gary

Reply Requested:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Original to go out in mail:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

If you have any problems receiving this FAX, please contact Julie at:
(207) 856-0277
(207) 856-2206 FAX Number

CHAPTER 19

VARIANCES

SECTION 1900.0 GENERAL

1900.1 Scope: This Chapter governs the requests for: 1) all variances for replacement systems, and 2) variances for first-time systems.

1900.2 Procedure: The procedure for processing a variance request depends upon whether it is for a first time or replacement system variance request and whether or not it is within the limit of authority of the LPI for final disposition.

SECTION 1901.0 FIRST TIME SYSTEM VARIANCE REQUESTS - DEPARTMENT

1901.1 Requests for variance: Request for first time system variances shall include a completed application submitted to the Department by the applicant. The completed application shall be on a form prescribed by the Department, signed by the LPI and municipal officer(s) and accompanied by the appropriate application fee.

1901.2 Contents of applications: An application for a first time system variance shall include the following:

1901.2.1 Completed application for a disposal system permit: A completed application for a permit to install a system or part of a system. It shall include complete plans and specifications for the proposed system and other pertinent information as required on the HHE-200 and HHE-215 forms;

1901.2.2 Requirements that cannot be met: The application shall indicate the section(s) and/or provision(s) of the rules for which a variance is being requested;

1901.2.3 Basis for variance request: The reason(s) why the condition(s) set forth in the Rules cannot be met as well as justification for the variance request. Justification shall include a discussion of why the variance will not have an impact upon wastewater treatment including how additional measures may be used to offset reductions to conditions required by the rules;

1901.2.4 No conflict with local ordinances: For variances that fall under this Chapter the applicant shall provide statement(s) that the completed application has been reviewed and signed by the LPI and municipal officer(s) on the HHE-215 form indicating that the application is complete and does not conflict with local ordinances.

1901.2.5 Additional engineering or measures: If pretreatment or additional measures are being proposed the application shall show how the proposed system and measures meet applicable sections of the rules, including the pretreatment requirements found in Chapter 6.

1901.2.6 Other information: The Department may request additional information from the applicant for a first time system variance request. If the applicant fails to provide additional information requested by the Department within 60 days of the request, the variance request will automatically be denied.

SECTION 1902.0 FIRST TIME SYSTEM VARIANCE REQUEST - MUNICIPALITY

1902.1 Municipal Review: This section authorizes the municipality to review and make a final disposition of a request for a First Time System-soil condition Variance through the Local Plumbing Inspector. The intent of this section is that all decisions regarding these First Time System Variances be made at the local level, with no requirement for Department review. However, if a municipality so chooses, it may request, in writing, that the Department make final decisions regarding these First Time System Variances. When so notified, the Department will review and make final disposition upon all First Time System Variance requests within a municipality's jurisdiction.

1902.2 Evaluation: The plumbing inspector or Department will evaluate the merits of First Time System Variance requests based on the criteria set forth in this section.

1902.3 Soil conditions: For a site that does not comply with the minimum soil conditions in Table 600.2, the plumbing inspector or Department will use the criteria contained in Section 1906.0 and Table 1900.1 to evaluate the potential for a variance, except that sites with less than 12 inches of original soil over bedrock outside shoreland zoned areas of major waterbodies/courses or 15 inches within the shoreland zoned area of major waterbodies/courses and sites with less than 7 inches over hydraulically restrictive horizon or seasonal water table, in any location, will not be considered.

1902.4 Setbacks: For a site that does not comply with the minimum first time system setback distances in Chapter 7, variances shall be processed in accordance with Section 1901.0 (Department review required).

1903.0 REVIEW FEE

1903.1 Fee: A review fee, as prescribed in Table 110.2 or 110.3 shall be submitted to the municipality to defray the cost of review and processing a First Time System Variance request.

1904.0 CRITERIA USED BY THE PLUMBING INSPECTOR OR DEPARTMENT FOR APPROVAL

1904.1 General: An application, a First Time System Variance Form (HHE-215) and Review Fee shall be submitted to the LPI or Department demonstrating the criteria set forth in this section.

VARIANCES

1904.2 Municipal ordinances: The Municipal Officers or Land Use Regulation Commission indicate by their signature that the application is in compliance with their regulations or ordinances relating to disposal systems.

1904.3 No practical alternative: There is no practical alternative for wastewater disposal, such as access to public sewer;

1904.4 Shoreland zoning: No conflict with Shoreland Zoning;

1904.5 Relative point value: The relative suitability of a proposed first time disposal system is determined by summing the points, from Tables 1900.1 through 1900.11, for the various soil, site and engineering features associated with the proposed installation.

1904.5.1 Minimum point value for sites outside the shoreland zoned areas of major waterbodies/courses: Any proposed first time disposal system located beyond the Mandatory Zoning Area shall have a relative point value of at least 50 points to be considered acceptable, unless a local ordinance requires a higher minimum point value to be acceptable or it is part of a subdivision (see subsection 1904.5.3).

1904.5.2 Minimum point value for sites within the shoreland zoned areas of major waterbodies/courses: Any proposed first time disposal system located within the Mandatory Zoning Area shall have a relative value of at least 65 points to be considered acceptable, unless a local ordinance requires a higher minimum point value to be acceptable.

1904.5.3 Minimum point value for subdivisions: Any proposed first time disposal system located within a proposed or existing subdivision as defined under 30A MRSA §4201 or 38 MRSA §482 shall have a relative value of at least 65 points to be considered acceptable, unless a local ordinance requires a higher minimum point value to be acceptable.

1904.6 Owner's understanding: The owners' signatures affixed on the application for variance means that it is understood that the proposed system is not in total compliance with the rules. The owners' release all concerned, provided that they have performed their duties in a reasonable and proper manner considering the owners' request for a variance to the rules.

1904.6.1 Awareness of costs: The property owner is aware of the variance, its limitations and costs;

1904.6.2 Additional engineering: Additional engineering has been proposed to overcome limitations of the existing soils, such as increased separation distance for limiting factor, increased design flow, curtain drain, etc.

1904.7 Deed covenant: A deed covenant (HHE-304) may be required for any property which obtains

additional points for lot size prior to final approval of a First Time System Variance. The covenant shall stipulate that the subject property shall not be subdivided without prior approval from the plumbing inspector or the Department.

1904.8 Map: An 8-1/2 by 11 inch sized map from the Maine Atlas or a U.S.G.S. topographic survey map shall accompany each variance request and shall indicate sufficient identification to locate the property.

1904.9 Prior approved sites: A variance shall not be approved for a lot that had a disposal site approved during Municipal or Department of Environmental Protection subdivision review unless the applicant can prove that the site requiring a variance will provide equal or better treatment of the wastewater than the previously approved site.

1905.0 INSPECTIONS

1905.1 Plumbing inspector: The local plumbing inspector (LPI) shall be responsible for the final inspection and approval of the system.

The Department or LPI shall have authority to enter onto a property at any reasonable time for the purpose of performing an inspection to determine compliance with the requirements for a "First Time System Variance" request, or to verify the accuracy of the information provided by the request.

1905.2 Permission: By signing the "First Time System Variance" form, the owner acknowledges permission for the plumbing inspector or Department to enter onto the premises to perform such duties necessary to evaluate the variance request.

TABLES 1900.1 -1900.11 SOIL, SITE AND ENGINEERING FACTORS USED IN ASSESSING POTENTIAL FOR A FIRST TIME SYSTEM VARIANCE

TABLE 1900.1
SOILS

Soil Profile from Table 600.1	Points
Profiles 2, 3, & 7	15
Profiles 1, 8, & 9	10
Profile 4	7
Profiles 5, 6, & 11	5
Profile 10	Not permitted
All bedrock class outside shoreland zone of major waterbodies/courses	Not permitted
All & All bedrock classes within shoreland zone of major waterbodies/courses	Not permitted

**TABLE 1900.2
SEASONAL GROUNDWATER OR RESTRICTIVE LAYER**

Depth to seasonal groundwater or restrictive layer	Points
14 inches *	20
13 inches *	15
12 inches *	9
11 inches	6
10 inches	3
<10 to 7 inches	0
Less than 7 inches	Not Permitted

* For sites within the shoreland zoned area of major waterbodies/courses

**TABLE 1900.3
TERRAIN**

Position in the Landscape	Points
Knoll Upland (no watershed)	5
Side slope	3
Lowland	minus 5
Depression	Not permitted

**TABLE 1900.4
SIZE OF PROPERTY AND DISPOSAL AREA SETBACK FROM DOWNGRAIDENT PROPERTY LINE**

Total acreage	Points Setback <50'	Points Setback 50' - 99'	Points Setback 100' - 199'	Points Setback >200'
More than 10 acres	5	10	15	20
6 - 10 acres	4	7	11	15
5 - 6 acres	3	5	8	10
4 - 5 acres	2	4	6	8
3 - 4 acres	1	3	4	4
2 - 3 acres	1	2	3	3
1 - 2 acres	0	1	2	NA
½ - 1 acre	minus 10	NA	NA	N/A
Less than 20,000 ft ²	Not permitted	Not permitted	Not permitted	Not permitted

**TABLE 1900.5
MAJOR WATER BODY SETBACK**

Setback distance from disposal area to major water bodies	Points
Greater than 250 feet	5
Between 150 - 250 feet	3
Between 100 - 149 feet	0
Less than 100 feet	Not permitted

**TABLE 1900.6
WATER SUPPLY & ZONING**

Type	Points
public water system	5
private drilled well	3
other private supply	0
zoned for resource protection	Not permitted

**TABLE 1900.7
TYPE OF DEVELOPMENT**

Type	Points
Commercial less than 100 gpd	5
Commercial 100 - 300 gpd	3
Single-family residential	0
Commercial 301 - 750 gpd	minus 5
Commercial greater than 750 gpd	minus 10

**TABLE 1900.8
DISPOSAL AREA ADJUSTMENT**

Increase in minimum disposal area as determined from Chapter 5	Points
Minimum disposal area plus 66%	10
Minimum disposal area plus 33%	5
Minimum disposal area	0

**TABLE 1900.9
VERTICAL SEPARATION DISTANCE ADJUSTMENT**

Increase in minimum vertical separation distances between bottom of the disposal field and limiting soil horizon as determined from Tables 600.2 and 600.3	Points
* Minimum separation distance plus 12"	10
* Minimum separation distance plus 6"	5
Minimum separation distance	0

* Minimum separation distance based upon design class 3 and 4 as indicated in Table 600.2 (First time systems)

**TABLE 1900.10
ADDITIONAL TREATMENT**

Type of treatment	Points
Curtain drains for Profiles 1, 3, 7 & 8	5
Liner (See Subsection 1601.0) for Profiles 5, 6 & 11 (if 11 is sandy)	3
Septic tank outlet filter	3

**TABLE 1900.11
USE OF ADVANCED TREATMENT DEVICES OR SYSTEMS**

Strength of effluent (BOD ⁵ plus TSS)	Points
150 to 101 mg/l	5
100 to 51 mg/l	10
50 to 11 mg/l	15
10 mg/l or less	20

VARIANCES

SECTION 1906.0 REPLACEMENT SYSTEM VARIANCE REQUEST

1906.1 Conditions applicable to all replacement system variance requests: The following conditions apply to all replacement system variance requests regardless of whether final disposition is with the LPI or the Department.

1906.1.1 Completed application for a disposal system permit: A completed application for a permit to install a system or part of a system shall be submitted to the LPI. It shall include complete plans and specifications for the proposed system and other pertinent information as required on the HHE-200 or HHE-233 (holding tank) forms.

1906.1.2 Requirement which cannot be met: The application shall indicate the section(s) and/or provision(s) of the rules for which a variance is being requested.

1906.1.3 Basis for a variance request: The reasons why the condition(s) set forth cannot be met.

1906.1.4 Application Review Fee: The replacement system application review fee, as indicated in Table 110.2 and Table 110.3 shall be submitted to the LPI.

1906.1.5 Minimum reduction necessary: The variance request is for the minimum reduction necessary to any requirement of the rules to accomplish the replacement system installation.

1906.1.6 No conflict with local ordinances: The request for a replacement system variance does not conflict with any local ordinance(s) or other rule(s) or statute(s).

1906.1.7 Meets definitions of replacement system: The replacement system variance request is to replace an existing system that was either in existence and functioning prior to July 1, 1974; or installed and permitted after July 1, 1974; or to replace an overboard discharge system.

1906.1.8 Additional engineering or measures: If pretreatment or other additional measures are being proposed, the application shall show how the proposed system and measures meet applicable sections of the rules, including Chapter 6.

1906.2 Replacement system variance requests which are within the limit of the LPI's authority: Replacement System Variance Requests may be decided upon by the LPI, without Department review, if the following conditions are met:

1906.2.1 Standard conditions: All of the conditions of subsection 1906.1 are met:

1906.2.2 Setback reductions: Setback reductions are no greater than allowed in Table 700.3;

1906.2.3 Minimum soil conditions: Reductions in minimum soil conditions are no greater than allowed in Table 600.3;

1906.2.4 Fill extension slope: The fill extension slope is no greater than 3:1 or 33%;

1906.2.5 Wastewater strength: The BOD5 plus suspended solids content of the wastewater is no greater than that of normal domestic effluent.

1906.3 Replacement system variance requests which are beyond the limit of the LPI's authority: Replacement System Variance Requests which are beyond the LPI's limit of authority must be submitted to the Department for review and disposition. They must meet the following conditions:

1906.3.1 Standard conditions: All of the conditions of subsection 1906.1 are met;

1906.3.2 LPI signature: The completed application, including HHE-204 or HHE-233 form, has been reviewed and signed by the LPI;

1906.3.3 Flexibility: The Department may be as flexible as is necessary to correct an existing, public health hazard.

SECTION 1907.0 DISPOSITION OF A VARIANCE BY THE DEPARTMENT

1907.1 General: The Department may approve a variance, deny it, or approve it with conditions. The disposition of the variance request will be in writing and state the specifications and conditions of any approval or the reasons for denial. The conditions may include deed covenants, inspections and mandatory installation of a holding tank if the system fails in the future.

SECTION 1908.0 TIME LIMIT

1908.1 General: Any disposal system variance issued after the effective date of this code shall become invalid if the system has not been installed in compliance with any conditions established with the variance within two years after issuance of the disposal system variance except that any malfunction shall be replaced at the earliest opportunity.

SECTION 1909.0 OWNER/APPLICANT'S UNDERSTANDING

1909.1 Applicant responsibilities: Approval of a variance under this Chapter shall not relieve the applicant of the responsibilities of complying with all other applicable federal, state and local laws, rules, or ordinances.

1909.2 Owner's understanding: The owners' signature affixed on the application for variance means that it is understood that the proposed system is not in total compliance with the rules. The owner releases all concerned, provided that they have performed their duties in a reasonable and proper manner, considering the owners' request for a variance to the rules.

SEBAGO TECHNICS, INC.

One Chabot Street
P.O. Box 1339
WESTBROOK, ME 04098-1339

LETTER OF TRANSMITTAL

18407

Phone (207) 856-0277 FAX (207) 856-2206

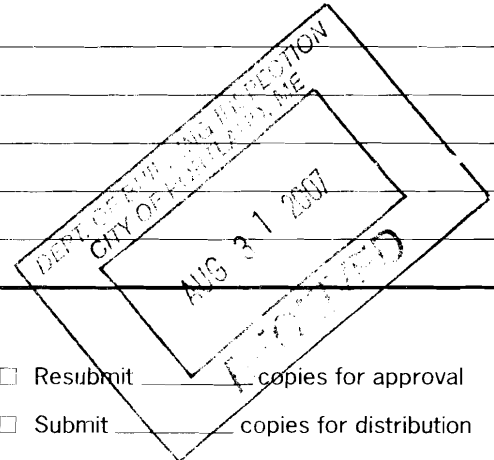
TO JAMMY
City of Portland Inspections

DATE	<u>8-31-07</u>	JOB NO.	<u>06381</u>
ATTENTION			
RE: <u>HAMMOND LUMBER</u> <u>300 Riverside St.</u>			
<u>Septic System Waiver/ HHE-200</u>			

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

- Shop drawings
- Prints
- Plans
- Samples
- Specifications
- Copy of letter
- Change order
- HHE-200 Application

COPIES	DATE	NO.	DESCRIPTION
<u>4</u>	<u>8/22/07</u>	<u>—</u>	<u>HHE-200 / Waiver form</u>



THESE ARE TRANSMITTED as checked below:

- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE _____
- Approved as submitted
- Approved as noted
- Returned for corrections
- _____
- Resubmit _____ copies for approval
- Submit _____ copies for distribution
- Return _____ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

REMARKS: Please contact our office if you have any questions
or need additional assistance.

COPY TO _____

SIGNED: _____

James Symon P.E.

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