SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept.Health & Human Services
Division of Health Engineering, 10 SHS
(207) 287-5672 Fax: (207) 287-3165

PROPERTY LOCATION

>> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<

City, Town, Plantation	AUGUSTA
Street or Road	BOG RD.
Subdivision, Lot #	

AUGUSTA PERMIT # 5864 TOWN COPY

Date Permit Issued: 8/31/06 $ 100.00 ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 850

OWNER/APPLICANT INFORMATION

Name (last, first, MI) MANSIR, JAMES ☐ Owner ☐ Applicant

Mailing Address of Owner/Applicant: 34 LINWOOD AVE. AUGUSTA, ME 04330

Daytime Tel. # 622-5116

Municipal Tax Map # 1 Lot # 24B

OWNER OR APPLICANT STATEMENT

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.

James Mansir 8/29/06

Signature of Owner or Applicant Date

CAUTION: INSPECTION REQUIRED

I have inspected the installation authoirzed above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector Signature 9/22/06 (1st) date approved 9/22/06 (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION

- ■ 1. First Time System
- ☐ 2. Replacement System
  - Type replaced: _____
  - Year installed: _____
- ☐ 3. Expanded System
  - ☐ a. Minor Expansion
  - ☐ b. Major Expansion
- ☐ 4. Experimental System
- ☐ Seasonal Conversion

THIS APPLICATION REQUIRES

- ■ 1. No Rule Variance
- ☐ 2. First Time System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector Approval
- ☐ 3. Replacement System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector Approval
- ☐ 4. Minimum Lot Size Variance
- ☐ 5. Seasonal Conversion Permit

DISPOSAL SYSTEM COMPONENTS

- ■ 1. Complete Non-engineered System
- ☐ 2. Primitive System (graywater & alt. toilet)
- ☐ 3. Alternative Toilet, specify: _____
- ☐ 4. Non-engineered Treatment Tank (only)
- ☐ 5. Holding Tank, _____ gallons
- ☐ 6. Non-engineered Disposal Field (only)
- ☐ 7. Separated Laundry System
- ☐ 8. Complete Engineered System (2000 gpd or more)
- ☐ 9. Engineered Treatment Tank (only)
- ☐ 10. Engineered Disposal Field (only)
- ☐ 11. Pre-treatment, specify: _____
- ☐ 12. Miscellaneous Components

SIZE OF PROPERTY

± 2.3 ☐ SQ. FT. ■ ACRES

SHORELAND ZONING

☐ Yes ■ No

DISPOSAL SYSTEM TO SERVE

- ■ 1. Single Family Dwelling Unit, No. of Bedrooms: 3
- ☐ 2. Multiple Family Dwelling, No. of Units: _____
- ☐ 3. Other: _____ (specify)

Current Use ☐ Seasonal ☐ Year Round ☐ Undeveloped

TYPE OF WATER SUPPLY

■ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private ☐ 4. Public ☐ 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- ■ 1. Concrete
  - ■ a. Regular
  - ☐ b. Low Profile
- ☐ 2. Plastic
- ☐ 3. Other: _____

CAPACITY: 1,000 GAL.

DISPOSAL FIELD TYPE & SIZE

- ■ 1. Stone Bed ☐ 2. Stone Trench
- ☐ 3. Proprietary Device
  - ☐ a. cluster array ☐ c. Linear
  - ☐ b. regular load ☐ d. H-20 load
- ☐ 4. Other: _____

SIZE: 900 ■ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

■ 1. No ☐ 2. Yes ☐ 3. Maybe

If Yes or Maybe, specify one below:

- ☐ a. multi-compartment tank
- ☐ b. ___ tanks in series
- ☐ c. Increase in tank capacity
- ☐ d. Filter on Tank Outlet

DESIGN FLOW

270 gallons per day

BASED ON:

- ■ 1. Table 501.1 (dwelling unit(s))
- ☐ 2. Table 501.2 (other facilities)

SHOW CALCULATIONS for other facilites

- ☐ 3. Section 503.0 (meter readings)

ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE	CONDITION	DESIGN
3	AIII/C	1

at Observation Hole # JK1

Depth 26"

of Most Limiting Soil Factor

DISPOSAL FIELD SIZING

- ☐ 1. Small—2.0 sq. ft. / gpd
- ☐ 2. Medium—2.6 sq. ft. / gpd
- ■ 3. Medium—Large 3.3 sq. f.t / gpd
- ☐ 4. Large—4.1 sq. ft. / gpd
- ☐ 5. Extra Large—5.0 sq. ft. / gpd

EFFLUENT/EJECTOR PUMP

- ■ 1. Not Required
- ☐ 2. May Be Required
- ☐ 3. Required

Specify only for engineered systems:

DOSE: _____ gallons

LATITUDE AND LONGITUDE

at center of disposal area

Lat. 44 d 18 m 15 s

Lon. 071 d 19 m 01 s

if g.p.s, state margin of error: _____

SITE EVALUATOR STATEMENT

I certify that on 8/17/06 (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).

Site Evaluator Signature	SE # 255	Date 8/21/06
Site Evaluator Name Printed: JOSHUA KATZ	Telephone Number: 725.6301	E-mail Address: KATZTHAL@GWI.NET

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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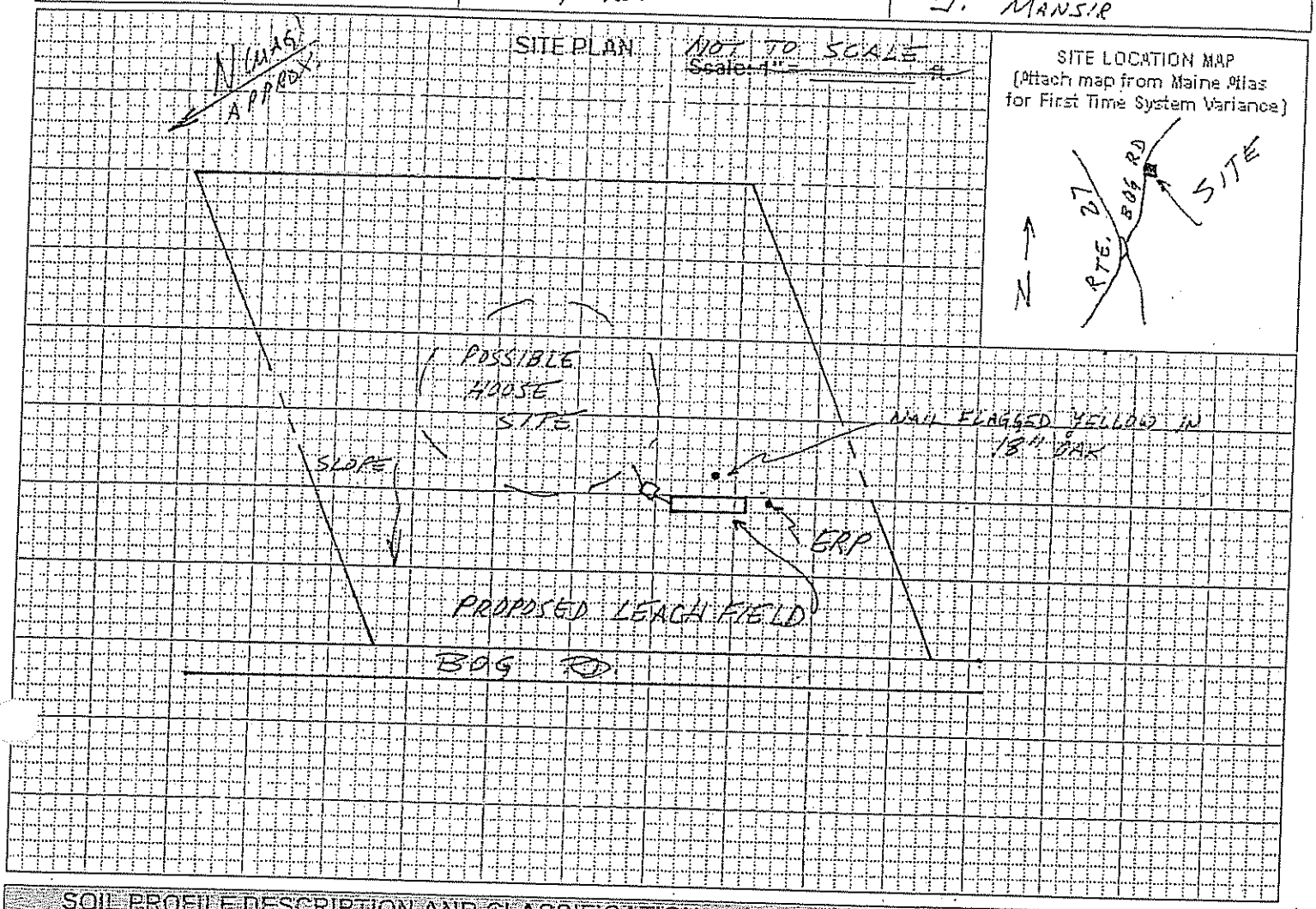
Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	BOG RD.	J. MANSIR

SITE PLAN NOT TO SCALE ~~Scale: 1" = _____ ft.~~



SITE LOCATION MAP
(Attach map from Maine Atlas for First Time System Variance)

SOIL PROFILE DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole # JK1 ■ Test Pit ☐ Boring

0 - 2" Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches): 0, 6, 12, 18, 24, 30, 36, 42, 48

Texture	Consistency	Color	Mottling
SANDY LOAM	FRIABLE	LT BRN	
GRAVELLY SILTY SAND	LOOSE	ORG BRN	
SILTY SAND			
FEW STONES			
	FRIABLE	TAN	FEW / FAINT
	BDY / POSSIBLE BEDROCK		

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
3	A/C		26	■ Groundwater ☐ Restrictive Layer ☐ Bedrock

Observation Hole # _____ ☐ Test Pit ☐ Boring

_____" Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches): 0, 6, 12, 18, 24, 30, 36, 42, 48

Texture	Consistency	Color	Mottling

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
				☐ Groundwater ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature

SE # 255

Date 8/21/06

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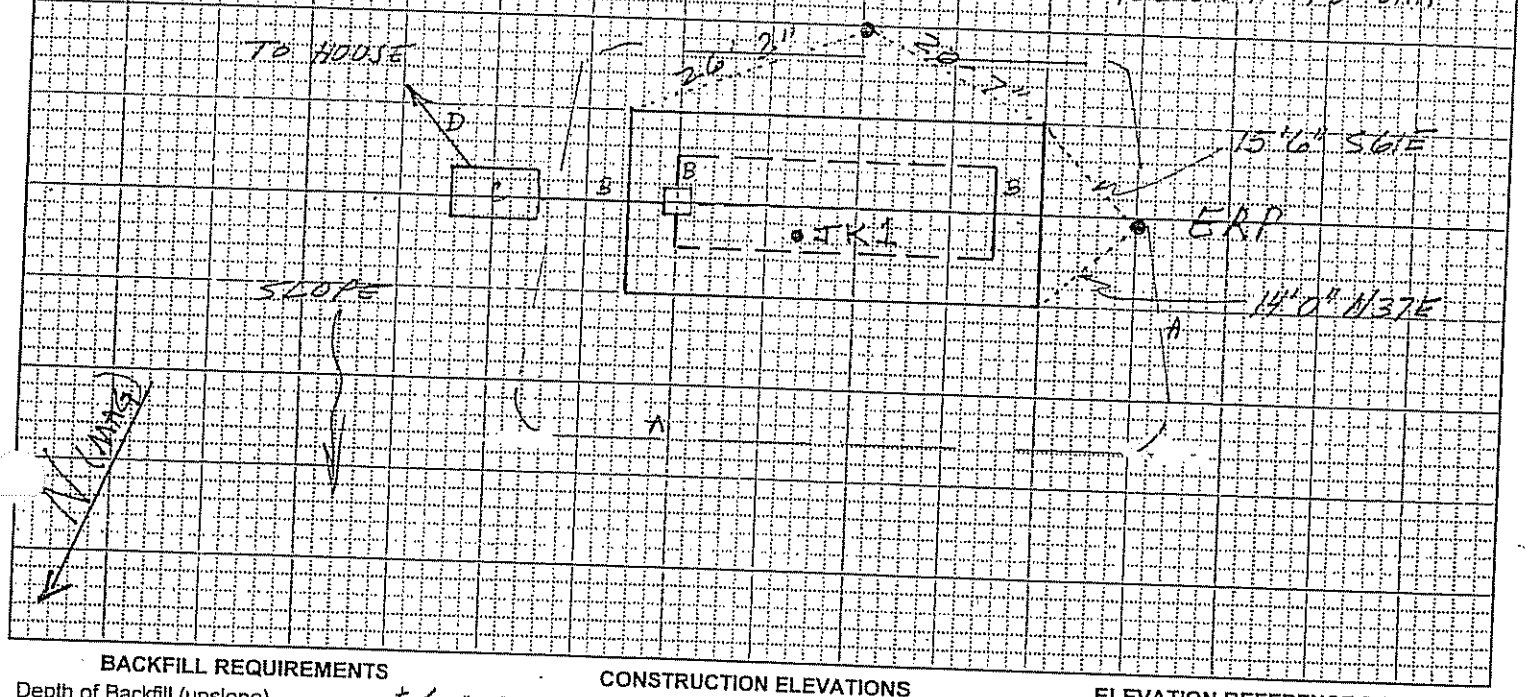
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20' ft.

20' by 45' LEACHFIELD with a distribution box
NOTE: All requirements of CH 12 / 14 CMR 241 shall be met

LEGEND
A = Approximate limit of fill
B = 4 inch PVC sewer line
C = 1,000 gallon septic tank, placed more than 8 ft. from foundation.
D = 4 inch PVC Sch. 40 building drain



BACKFILL REQUIREMENTS

Depth of Backfill (upslope) ±6"
Depth of Backfill (downslope) ±30"
DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation -34"
Top of Distribution Pipe or Proprietary Device -46"
Bottom of Disposal Field -58"

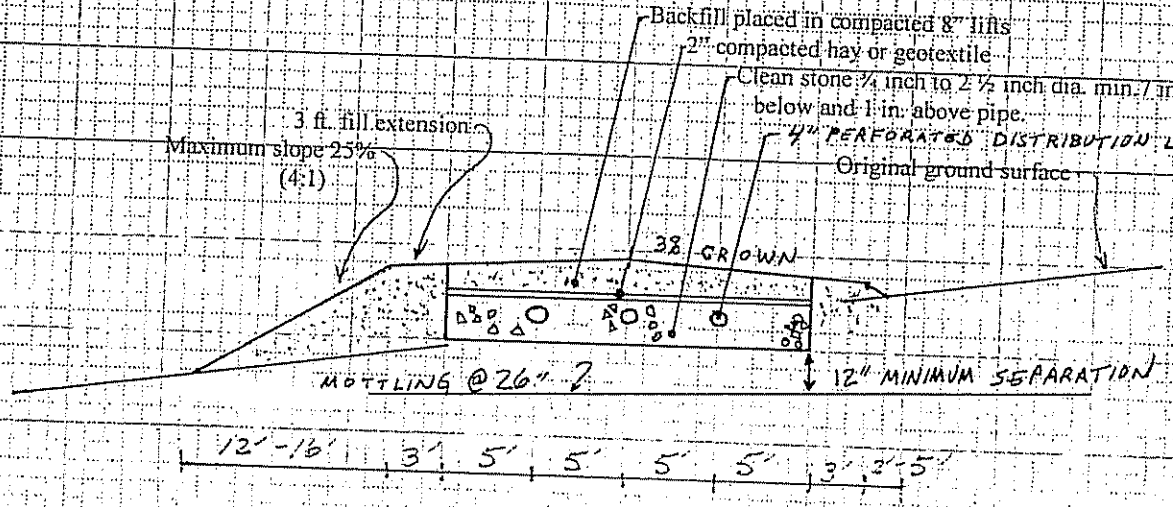
ELEVATION REFERENCE POINT

Location & Description: NAIL FLAGGED PINK IN 8" DOUBLE OAK
Reference Elevation is: 0.0" or: _____

NOTES
-Backfill to be coarse sand to gravelly coarse sand
-Minimum of 8" backfill above hay or geotextile.
-Min. 4 inch loam, seed, mulch on finished surface.

DISPOSAL FIELD CROSS-SECTION

Scales:
Vertical: 1" = 5' ft.
Horizontal: 1" = 10" ft.



Joshua B[illegible]
Site Evaluator Signature

255
SE #

8/21/06
Date