SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

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

City, Town, or Plantation: AUGUSTA

Street or Road: 50 BUNNY STREET LOT # 216

Subdivision, Lot #:

AUGUSTA Date Permit Issued: 9/30/04 5367 TOWN COPY $ 100.00 ☐ If Double Fee Charged FEE

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

OWNER/APPLICANT INFORMATION

Name (last, first, MI): BONENFANT, PAUL ■ Owner ☐ Applicant

Mailing Address of Owner/Applicant: 92 OLD BELGRADE ROAD
AUGUSTA, ME 04330

Daytime Tel. #: 622-5013

Municipal Tax Map # 18 Lot # 12

OWNER OR APPLICANT STATEMENT

I state 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.

Signature of Owner/Applicant Date

CAUTION: INSPECTION REQUIRED

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

Local Plumbing Inspector Signature (1st) Date Approved (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
☐ 5. 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. Pretreatment, specify:_____
☐ 12. Miscellaneous Components

SIZE OF PROPERTY

1.0 ☐ sq. ft. ■ acres

SHORELAND ZONING

☐ Yes ■ No

DISPOSAL SYSTEM TO SERVE:

■ 1. Single Family Dwelling Unit, No. of Bedrooms: 3
☐ 2. Multiple Family Dwelling Unit, 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 (IF NEEDED)
☐ 2. Plastic
☐ 3. Other _____
CAPACITY 1000 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 1200 ■ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

1. ■ No 3. ☐ Maybe
2. ☐ Yes>>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 facilities-

SOIL DATA & DESIGN CLASS

PROFILE CONDITION DESIGN
8 / C / 1
at Observation Hole #TP-1
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. ft./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 or experimental systems
DOSE gallons

☐ 3. Section 503.0 (meter readings)
ATTACH WATER METER DATA

SITE EVALUATOR'S STATEMENT

I certify that on 8/13/04 (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).

William P Brown
Site Evaluator Signature

188
SE#

8/13/2004
Date

WILLIAM P BROWN
Site Evaluator Name Printed

293-2110
Telephone Number

E-mail Address

25.00

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

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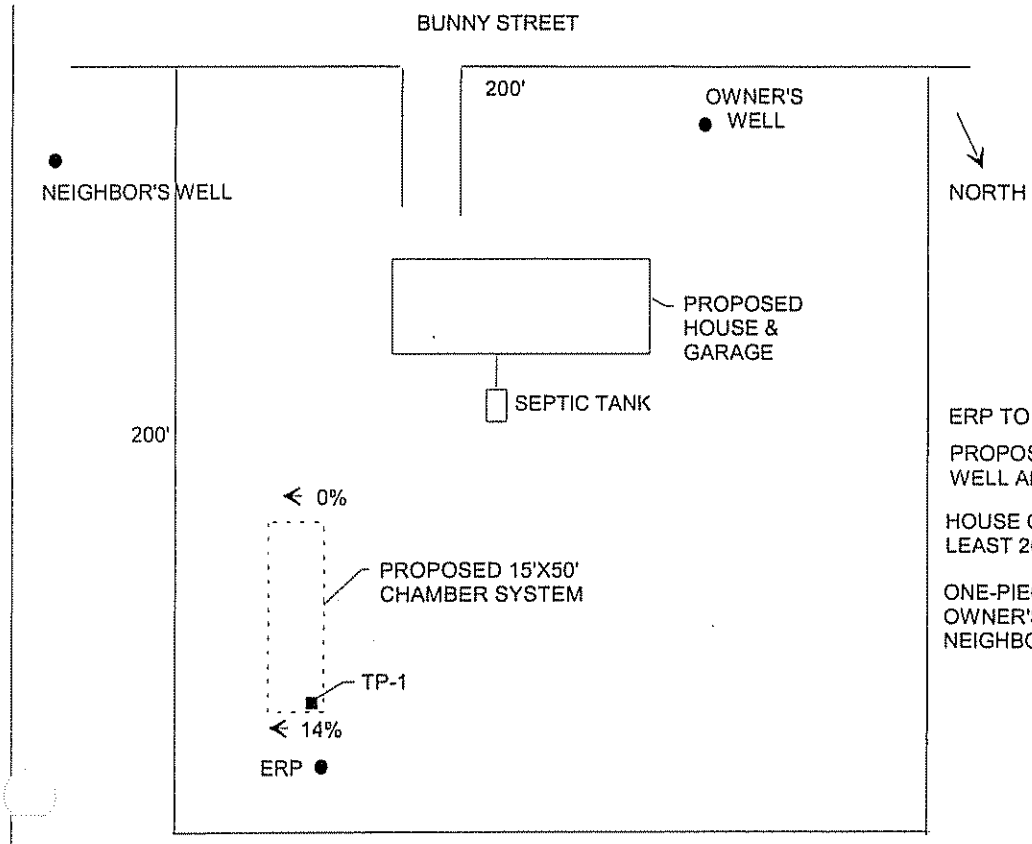
Division of Health Engineering, Station 10
(207) 287-5672 FAX 207 287-4165

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	BUNNY STREET LOT 216	PAUL BONENFANT

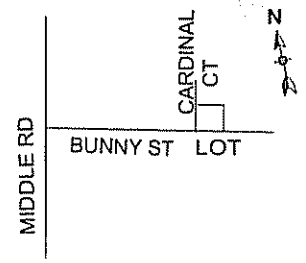
SITE PLAN

Scale 1" = 50 Ft.



SITE LOCATION PLAN

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



ERP TO TP-1 = 23'

PROPOSED SYSTEM IS 143 FEET FROM NEIGHBOR'S WELL AND OVER 100 FT FROM OWNER'S WELL

HOUSE ON FULL FOUNDATION TO BE AT LEAST 20 FT FROM SYSTEM

ONE-PIECE SEPTIC TANK TO BE AT LEAST 50 FT FROM OWNER'S WELL AND AT LEAST 100 FT FROM NEIGHBOR'S WELL

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

Observation Hole # TP-1 ■ Test Pit ☐ Boring

0 " Depth of organic horizon above mineral soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

	Texture	Consistancy	Color	Mottling
0–10	LOAMY SAND MEDIUM SAND	FRIABLE	YELLOW BROWN / LIGHT BROWN	
20–30	SAND WITH SILT		YELLOW BROWN	NONE / COMMON

Soil Classification	Slope	Limiting Factor	
8 Profile / C Condition	0-14 % Percent	26 " Depth	■ Groundwater ☐ Restrictive Layer ☐ Bedrock

Observation Hole # _____ ☐ Test Pit ☐ Boring

" Depth of organic horizon above mineral soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistancy	Color	Mottling

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

WILLIAM P BROWN *William P Brown* 188 8/13/2004

Site Evaluator Signature / SE # / Date

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Department of Human Services

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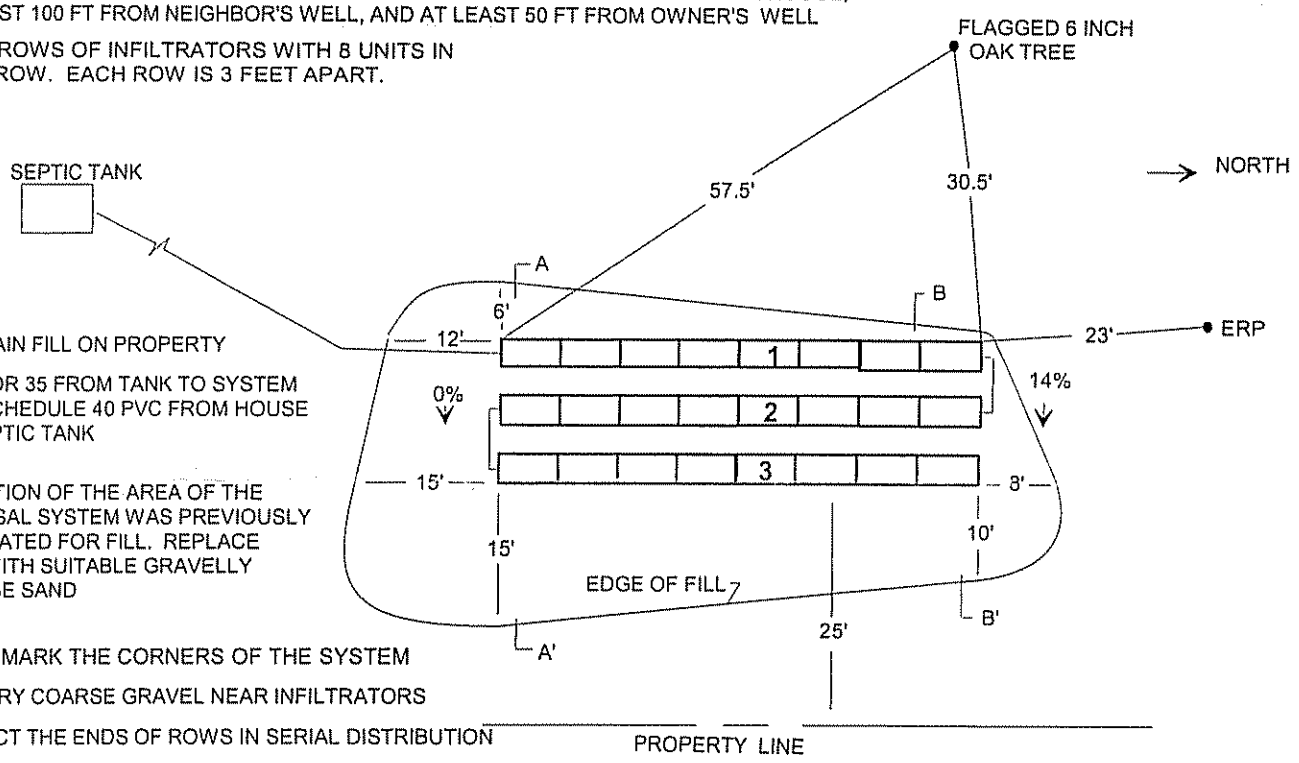
AUGUSTA	BUNNY STREET LOT 216	PAUL BONENFANT

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" 20 Ft.

NEW ONE PIECE SEPTIC TANK MAY BE FIELD ADJUSTED AT LEAST 8 FT FROM THE HOUSE, AT LEAST 100 FT FROM NEIGHBOR'S WELL, AND AT LEAST 50 FT FROM OWNER'S WELL

USE 3 ROWS OF INFILTRATORS WITH 8 UNITS IN EACH ROW. EACH ROW IS 3 FEET APART.



MAINTAIN FILL ON PROPERTY

USE SDR 35 FROM TANK TO SYSTEM
USE SCHEDULE 40 PVC FROM HOUSE TO SEPTIC TANK

A PORTION OF THE AREA OF THE DISPOSAL SYSTEM WAS PREVIOUSLY EXCAVATED FOR FILL. REPLACE SOIL WITH SUITABLE GRAVELLY COARSE SAND

FLAGS MARK THE CORNERS OF THE SYSTEM

USE VERY COARSE GRAVEL NEAR INFILTRATORS

CONNECT THE ENDS OF ROWS IN SERIAL DISTRIBUTION

FILL REQUIREMENTS

Depth of Fill (Upslope)	10 "
Depth of Fill (Downslope)	15-36"
DEPTHS AT CROSS-SECTION (shwon below)	

CONSTRUCTION ELEVATIONS

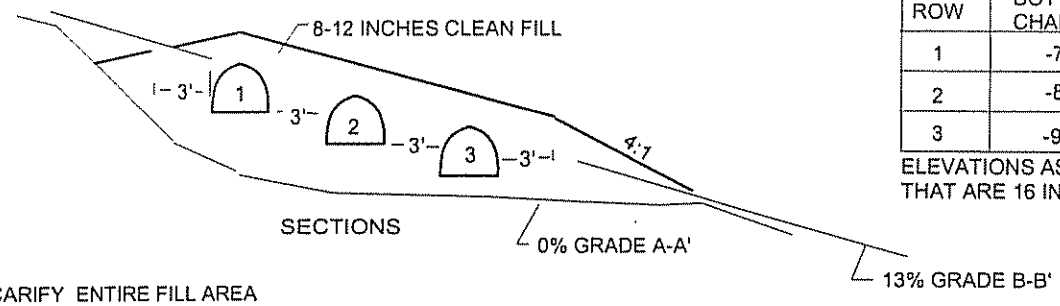
Finished Grade Elevation	VARIES
Top of distribution Lines or Chambers	SEE BELOW
Bottom of Disposal Area	

ELEVATION REFERENCE POINT

Location and Description:
FLAGGED NAIL IN 4 INCH OAK TREE, 3 FEET ABOVE GROUND
Reference Elevation is: 00"

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 Inch = 5 Ft.
Horizontal: 1 Inch = 10 Ft.



ROW	BOTTOM OF CHAMBER	TOP OF CHAMBER
1	-71"	-55"
2	-81"	-65"
3	-91"	-75"

ELEVATIONS ASSUME HIGH CAPACITY CHAMBERS THAT ARE 16 INCHES HIGH

SCARIFY ENTIRE FILL AREA
MIX 4 INCHES OF FILL MATERIAL THOROUGHLY WITH EXISTING SOIL TO FORM A TRANSITION ZONE (ACCORDING TO CHAPTER 8, MAINE PLUMBING CODE)
INSTALL CHAMBERS PER MANUFACTURER'S RECOMMENDATIONS
USE VERY COARSE GRAVEL AROUND INFILTRATORS
ALL OTHER FILL SHALL BE GRAVELLY COARSE SAND
SLOPE FINISH GRADE AS SHOWN OR ALL ONE-WAY
LOAM, SEED, MULCH

WILLIAM P BROWN	188	8/13/2004
Site Evaluator Signature	SE #	Date