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, Plantation	AUGUSTA
Street or Road	~~MIDDLE ROAD~~ Cardinal Court
Subdivision, Lot #	10

AUGUSTA PERMIT # 5565 OWN COPY
Date Permit Issued: 6-29-05 $ 100 FEE ☐ If Double Fee Charged
Local Plumbing Inspector Signature L.P.I. # 85

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 # 1A Lot # 19

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 6/29/05

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 12/12/05 — (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

27 ☐ 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 1100 ■ 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-

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

SOIL DATA & DESIGN CLASS

PROFILE CONDITION DESIGN
8 / C / 1

at Observation Hole # TP-1
Depth 18 "
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

SITE EVALUATOR'S STATEMENT

I certify that on 6/22/05 (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	188	6/22/2005
Site Evaluator Signature	SE#	Date
WILLIAM P BROWN	293-2110	
Site Evaluator Name Printed	Telephone Number	E-mail Address

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

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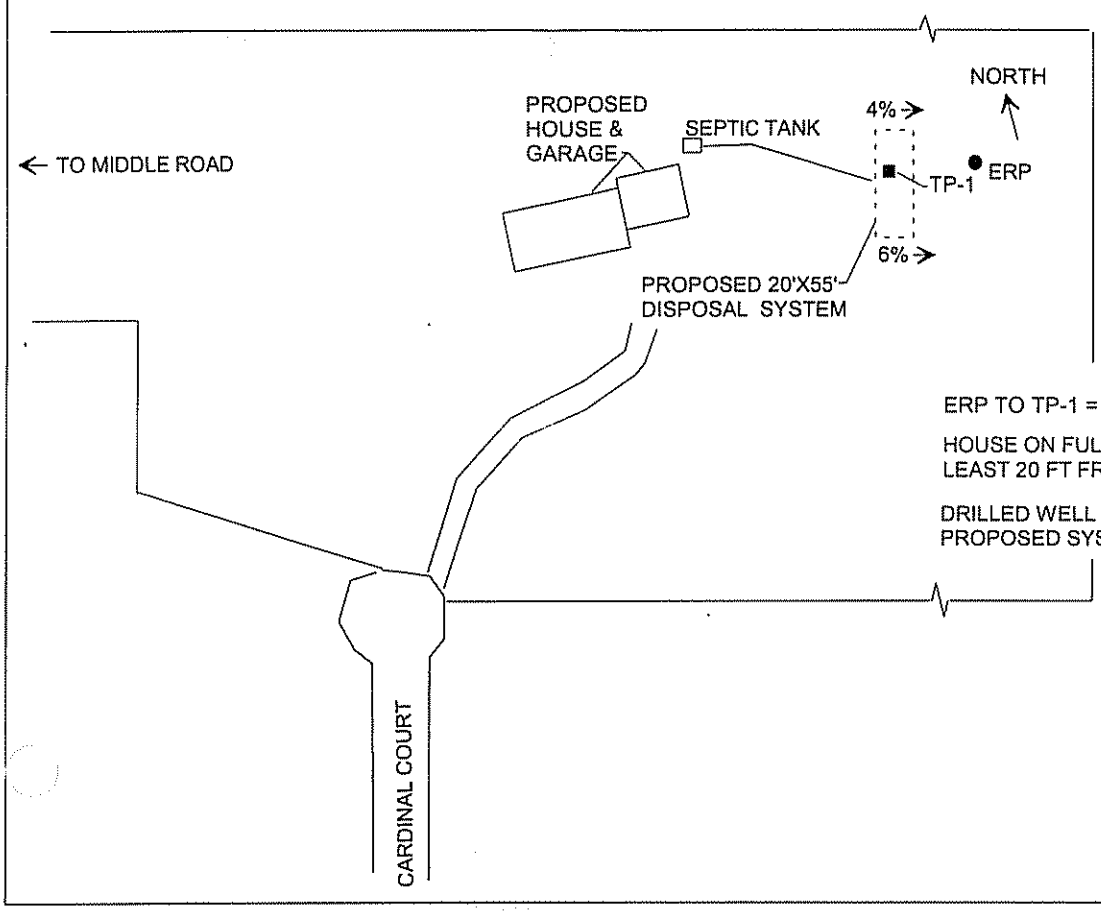
(207) 287-5672 FAX 207 287-4165

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	MIDDLE ROAD	PAUL BONENFANT

SITE PLAN — Scale 1" = 100 Ft.

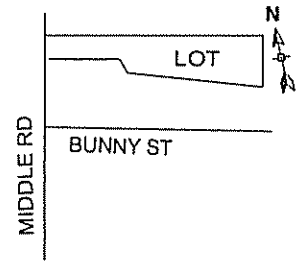


ERP TO TP-1 = 40'

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

DRILLED WELL TO BE AT LEAST 100 FT FROM PROPOSED SYSTEM

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



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

Observation Hole # TP-1 ■ Test Pit ☐ Boring

1 " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistancy	Color	Mottling
0–10	SANDY LOAM	FRIABLE	MEDIUM BROWN	
10–20			ORANGE BROWN	NONE
20–30			OLIVE BROWN	COMMON
30–40	SAND WITH SILT	FIRM		
40–50				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
8	C	4-6 %	18 "	■ 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
0–10				
10–20				
20–30				
30–40				
40–50				

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

WILLIAM P BROWN *William P Brown* — Site Evaluator Signature

188 — SE #

6/22/2005 — Date

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Division of Health Engineering, Station 10

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	MIDDLE ROAD	PAUL BONENFANT

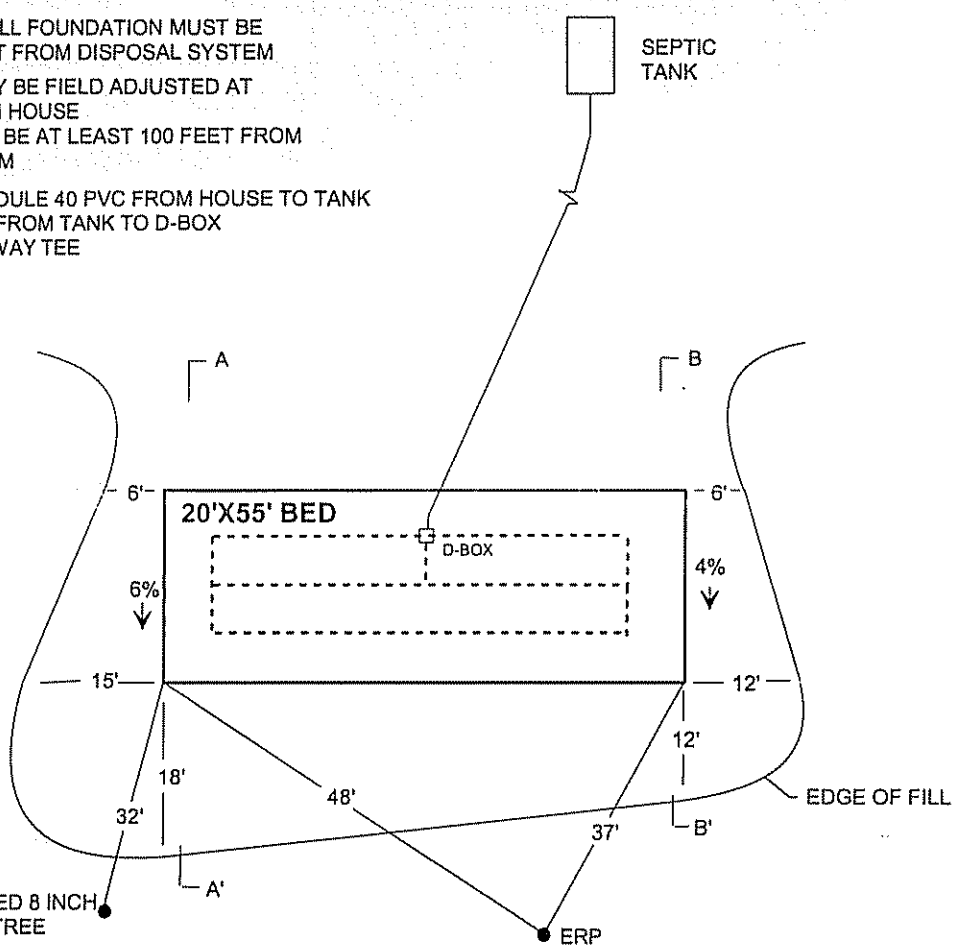
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" 20' Ft.

HOUSE WITH FULL FOUNDATION MUST BE AT LEAST 20 FEET FROM DISPOSAL SYSTEM

SEPTIC TANK MAY BE FIELD ADJUSTED AT LEAST 8 FT FROM HOUSE
NEW WELL MUST BE AT LEAST 100 FEET FROM DISPOSAL SYSTEM

USE 4 INCH SCHEDULE 40 PVC FROM HOUSE TO TANK
USE SDR 35 PIPE FROM TANK TO D-BOX
USE D-BOX OR 4 WAY TEE



BACKFILL REQUIREMENTS

Depth of Fill (Upslope)	18-22"
Depth of Fill (Downslope)	29-36"

DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation	VARIES
Top of Distribution Pipe or Proprietary device	-40"
Bottom of Disposal Area	-51"

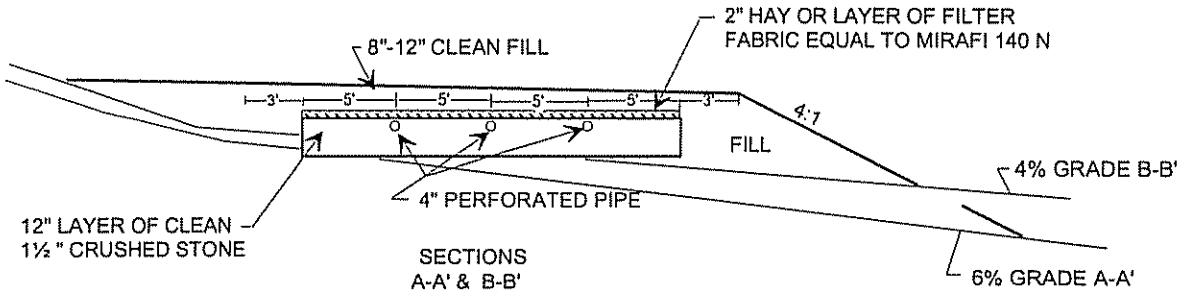
ELEVATION REFERENCE POINT

Location and Description:
FLAGGED NAIL IN 10 INCH POPLAR TREE, 5 FEET ABOVE GROUND
Reference Elevation is: 00.0"

DISPOSAL AREA CROSS SECTION

Scale:

Vertical:	1 inch =	5	Ft.
Horizontal:	1 inch =	10	Ft.



REMOVE STUMPS AND VEGETATION IN DISPOSAL AREA
SCARIFY ENTIRE FILL AREA
MIX 4 INCHES OF FILL MATERIAL THOROUGHLY WITH EXISTING SOIL TO FORM TRANSITION ZONE (ACCORDING TO CHAPTER 8, PLUMBING CODE)
FILL SHALL BE GRAVELLY COARSE SAND
CROWN FINISH GRADE FROM CENTER AT 3%
OR SLOPE ALL ONE-WAY (AS SHOWN)
LOAM, SEED, MULCH DISTURBED AREAS

WILLIAM P BROWN *William P Brown*	188	6/22/2005
Site Evaluator Signature	SE #	Date