SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION

City, Town, or Plantation: AUGUSTA

or Road: 397 OLD BELGRADE RD.

Subdivision, Lot #:

>> Caution: Permit Required -- Attach In Space Below <<

AUGUSTA 5098 TOWN COPY

Date Permit Issued: 6/17/03 $ 100.00 ☐ If Double Fee Charged FEE

Local Plumbing Inspector Signature: Gary R. Fuller L.P.I. # 350

OWNER/APPLICANT INFORMATION

Name (last, first, MI) Owner: PHILBROOK, DAVID + BRENDA ☒

Applicant ☒

Mailing Address of ☒ Owner ☐ Applicant: 1166 SUMMERHAVEN RD. / AUGUSTA, ME 04330

Daytime Tel. #: 622-3694

Municipal Tax Map # 1 Lot # 23 Patterson Pt

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.

Brenda J. Philbrook — Signature of Owner or Applicant — 6/10/03 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.

Gary R. Fuller — Local Plumbing Inspector Signature — 8/15/03 Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION

1. ☒ First Time System
2. ☐ Replacement System
   Type Replaced: _____
   Year Installed: _____
3. ☐ Expanded System
   a. ☐ Minor expansion
   ☐ 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 Approval

DISPOSAL SYSTEM COMPONENT(S)

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:

SIZE OF PROPERTY

± 5.3 ☐ 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

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 gallons

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 1,120 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

1. ☒ No 2. ☐ 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 901.1 (dwelling unit(s)
2. ☐ Table 901.2 (other facilities)
   SHOW CALCULATIONS -- for other facilities --
3. ☐ Section 903.0 (meter readings)
   ATTACH WATER-METER DATA

SOIL DATA & DESIGN CLASS

PROFILE CONDITION DESIGN

8 / C / 1

at Observation Hole # JK1

Depth 15 " Elevation -64 "

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

PUMPING

1. ☒ Not Required
2. ☐ May Be Required
3. ☐ Required >> Specify only for engineered or experimental systems:

DOSE: gallons

SITE EVALUATOR STATEMENT

I Certify that on 4/30/03 (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).

Joshua Katz — Site Evaluator Signature — 255 SE # — 5/1/03 Date

Joshua Katz — Site Evaluator Name Printed — 725-6301 Telephone #

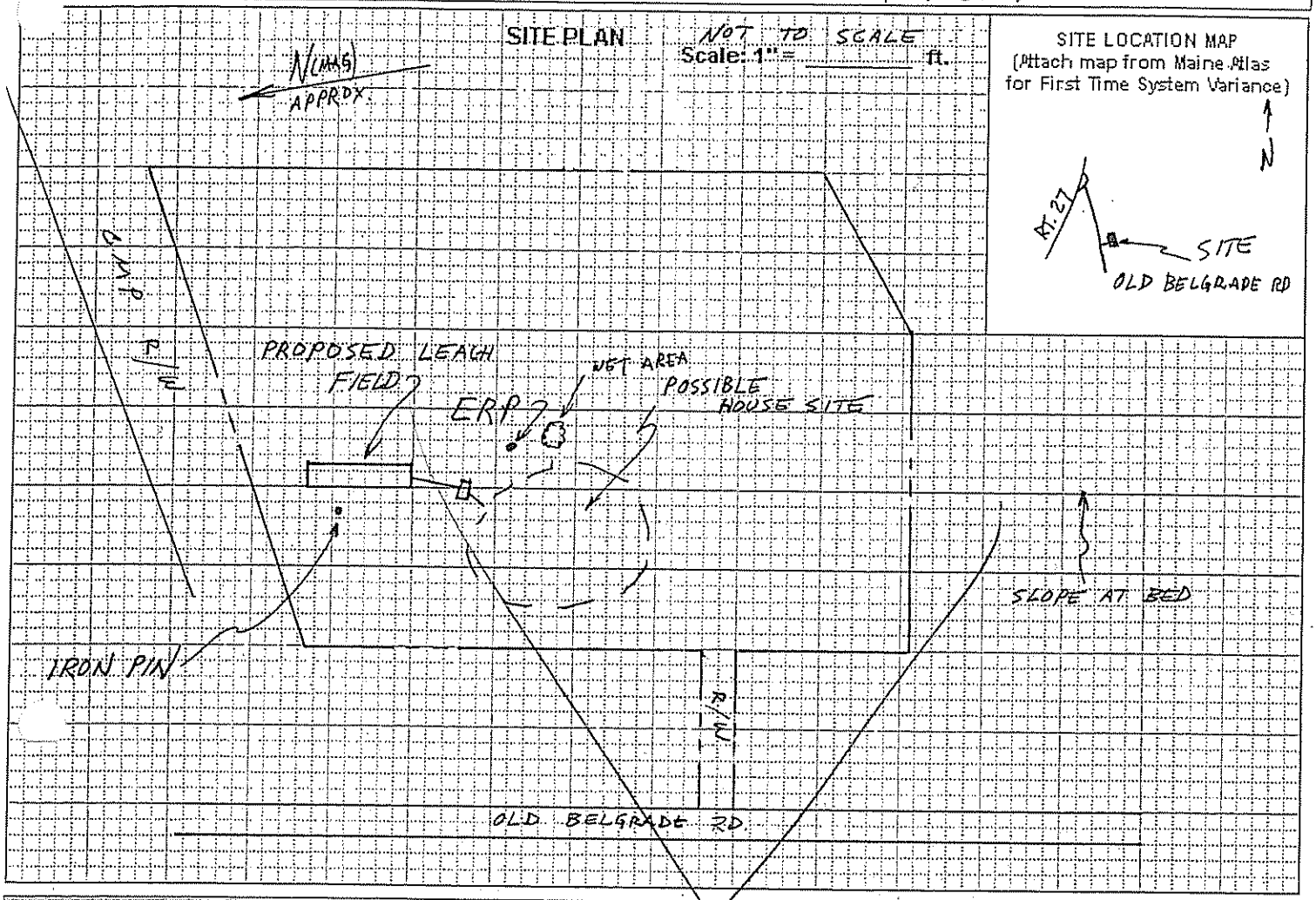
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	OLD BELGRADE RD.	D. + B. PHILBROOK

SITE PLAN

Scale: 1" = NOT TO SCALE 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 " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)

	Texture	Consistency	Color	Mottling
0	SANDY LOAM	FRIABLE	M BRN	
6				
12	SILTY F. SAND		LT RD BRN	
18				FAINT
24	F SANDY SILT		OLIVE GREY	COMMON DISTINCT
30				
36	CLAYEY SILT	FIRM		
42				
48	BDH			

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
8	C	3-6	15	■ Groundwater ☐ Restrictive Layer ☐ Bedrock

Observation Hole # _____ ☐ Test Pit ☐ Boring

" Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)

	Texture	Consistency	Color	Mottling
0				
6				
12				
18				
24				
30				
36				
42				
48				

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

Site Evaluator Signature

255
SE #

5/1/03
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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Division of Health Engineering, Station 10
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Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	OLD BELGRADE RD.	D. + B. PHILBROOK

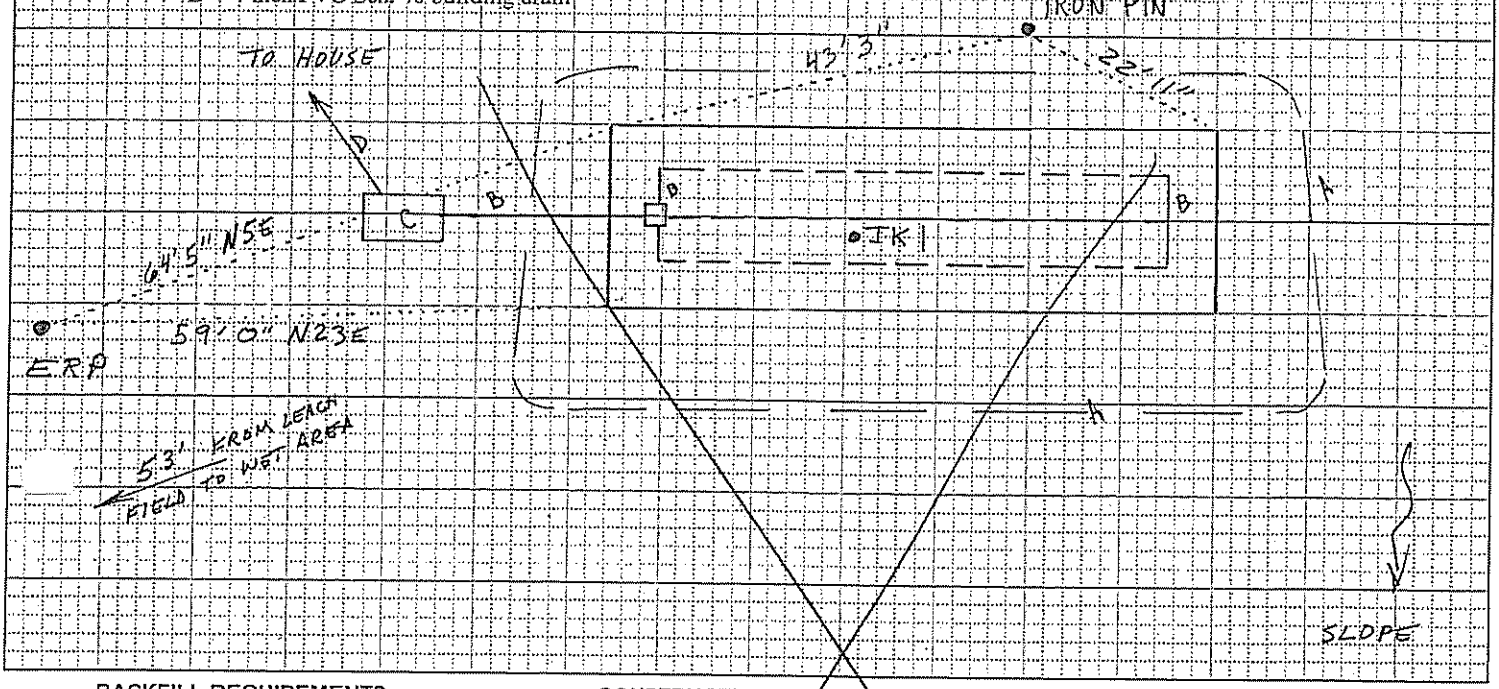
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20' ft.

20' by 56' 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

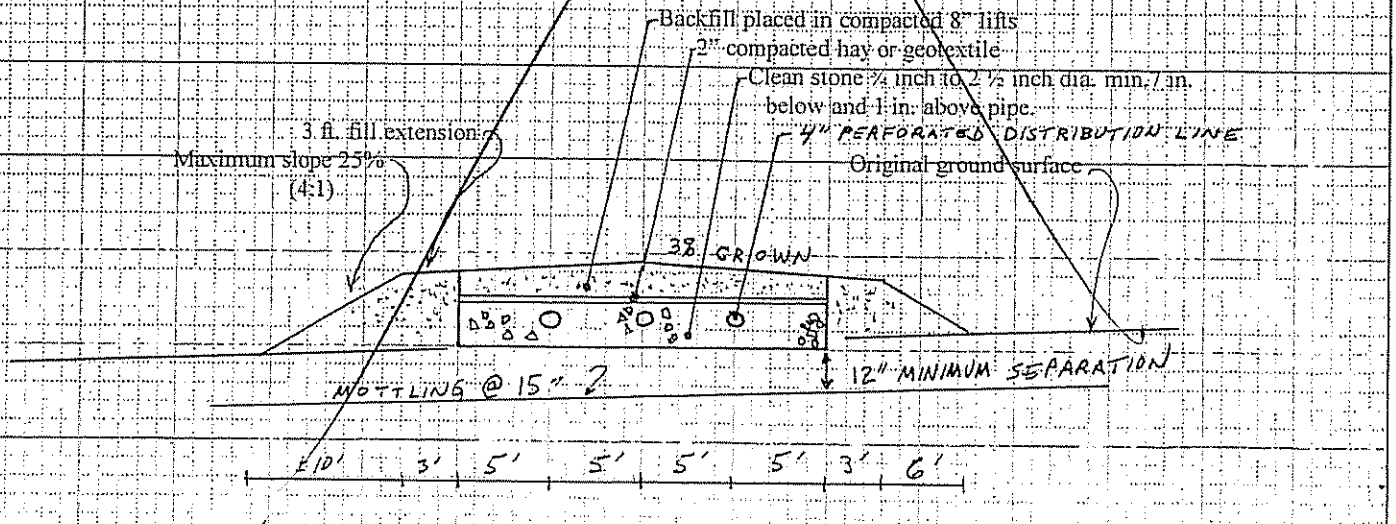


BACKFILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Backfill (upslope)	±20 "	Finished Grade Elevation	-18 "	Location & Description: NAIL FLAGGED PINK IN CEDAR POST
Depth of Backfill (downslope)	±24 "	Top of Distribution Pipe or Proprietary Device	-30 "	
DEPTHS AT CROSS-SECTION (shown below)		Bottom of Disposal Field	-42 "	Reference Elevation is: 0.0" or:

DISPOSAL FIELD CROSS SECTION

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

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



Joshua B [illegible] 255 5/1/03

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION

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

>> Caution: Permit Required -- Attach In Space Below <<

The Subsurface Wastewater Disposal System ***shall not*** be installed until a Permit is attached HERE by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

OWNER/APPLICANT INFORMATION

Name (last, first, MI) ■ Owner ■ Applicant	PHILBROOK, DAVID + BONNIE
Mailing Address of ■ Owner ☐ Applicant	1166 SUMMERHAVEN RD.
	AUGUSTA, ME 04330
Daytime Tel. #	622-3694

Municipal Tax Map # _____ Lot # _____

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 or 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 _____ Date Approved _____

PERMIT INFORMATION

TYPE OF APPLICATION

1. ■ First Time System
2. ☐ Replacement System
   Type Replaced: _____
   Year Installed: _____
3. ☐ Expanded System
   a. ☐ Minor expansion
      ☐ Major expansion
4. ☐ Experimental System
5. ☐ Seasonal Conversion

THIS APPLICATION REQUIRES

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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 Approval

DISPOSAL SYSTEM COMPONENT(S)

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:

SIZE OF PROPERTY

± 5.3 ☐ sq. ft. ■ acres

DISPOSAL SYSTEM TO SERVE

1. ■ Single Family Dwelling Unit, No. of Bedrooms: 3
2. ☐ Multiple Family Dwelling, No. of Units: _____
3. ☐ Other: _____ SPECIFY

TYPE OF WATER SUPPLY

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

SHORELAND ZONING

☐ Yes ■ No

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

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

CAPACITY 1,000 gallons

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 1,120 ■ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

1. ■ No 2. ☐ 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 901.1 (dwelling unit(s)
2. ☐ Table 901.2 (other facilities)

SHOW CALCULATIONS -- for other facilities --

SOIL DATA & DESIGN CLASS

PROFILE CONDITION DESIGN

B, C, 1

at Observation Hole # JK1

Depth 15" Elevation -64"

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

PUMPING

1. ■ Not Required
2. ☐ May Be Required
3. ☐ Required >> Specify only for engineered or experimental systems:

DOSE: gallons

3. ☐ Section 903.0 (meter readings)

ATTACH WATER-METER DATA

SITE EVALUATOR STATEMENT

I Certify that on 4/30/03 (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).

Joshua Katz — Site Evaluator Signature

255 — SE #

5/1/03 — Date

REV. 7/1/03 JK

JOSHUA KATZ — Site Evaluator Name Printed

725-6301 — Telephone #

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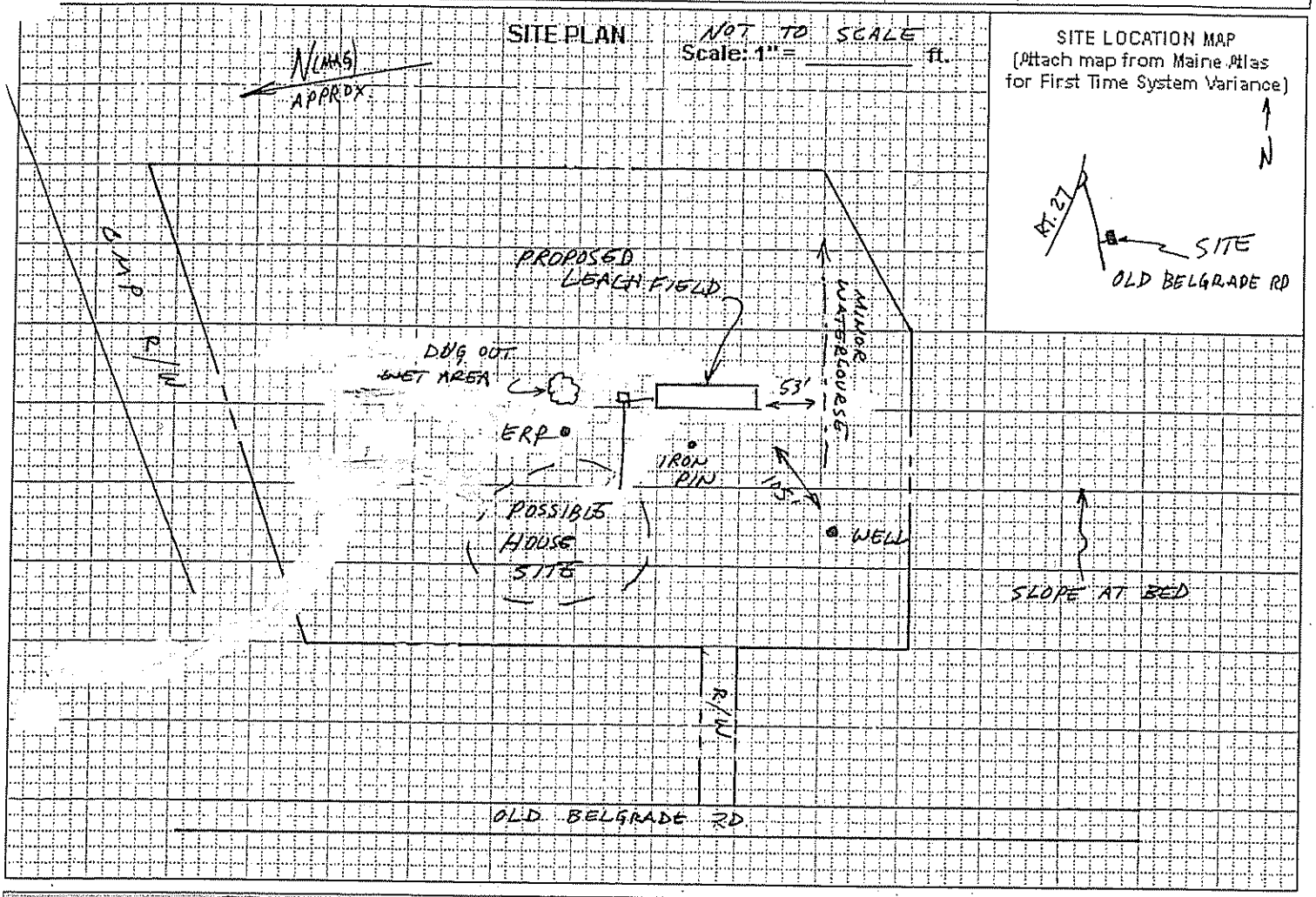
Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	OLD BELGRADE RD.	D. + B. PHILBROOK

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 # JK2 ■ Test Pit ☐ Boring

0 " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0	SANDY LOAM	FRIABLE	M BRN	
6				
12	SILTY F. SAND		LT RD BRN	
18				FAINT
24	F SANDY SILT	FIRM	OLIVE/GREY	COMMON DISTINCT
30	CLAYEY SILT	V. FIRM		
36				
42		BOH		
48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
8	C	3-6	15	■ Groundwater ☐ Restrictive Layer ☐ Bedrock

Observation Hole # _____ ☐ Test Pit ☐ Boring

_____ " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0				
6				
12				
18				
24				
30				
36				
42				
48				

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

Site Evaluator Signature _____ SE # 255 Date 5/1/03

REV. 7/1/03

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
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Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	OLD BELGRADE RD	D+B PHILBROOK

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20' ft.

20' by 56' LEACHFIELD with a distribution box
NOTE: All requirements of CH 12 / 14 CMR 241 shall be met

LEGEND
A = Approximate limit of fill
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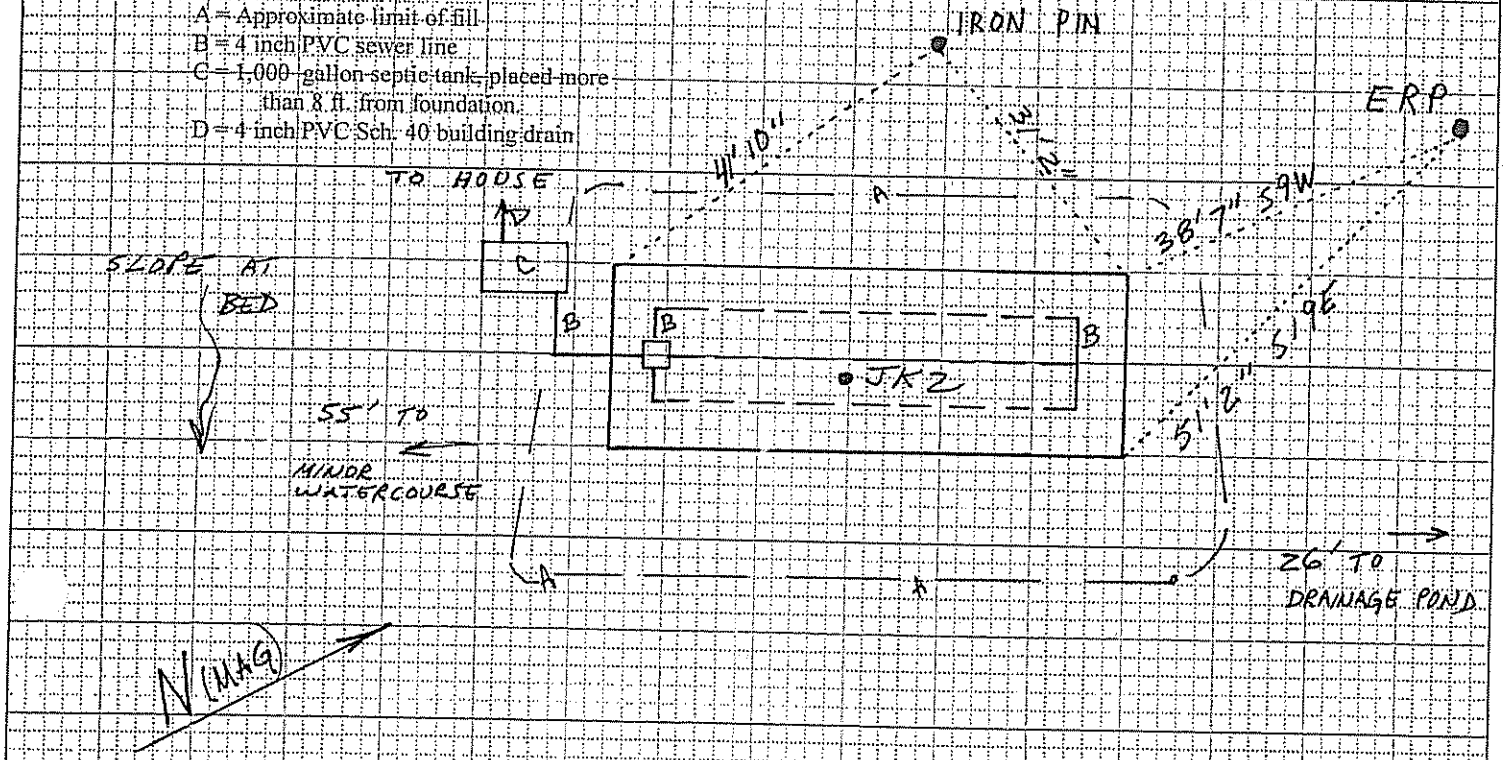


BACKFILL REQUIREMENTS

Depth of Backfill (upslope)	±22"
Depth of Backfill (downslope)	±32"

DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation	-44"
Top of Distribution Pipe or Proprietary Device	-56"
Bottom of Disposal Field	-68"

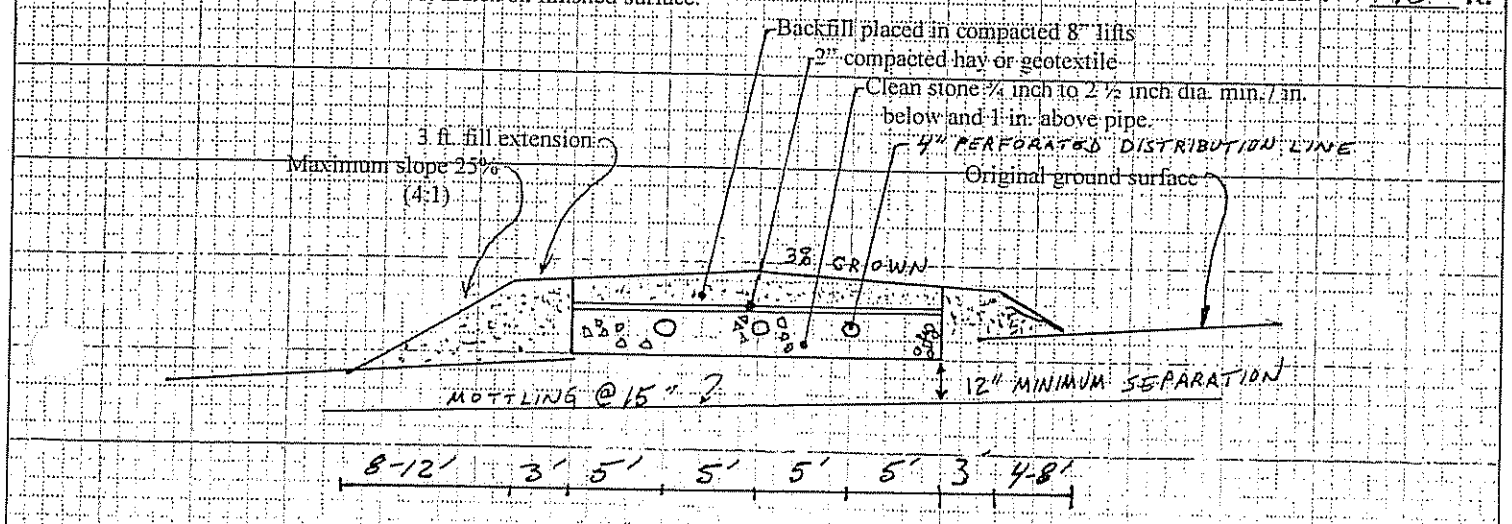
ELEVATION REFERENCE POINT

Location & Description: NAIL FLAGGED PINK IN CEDAR POST
Reference Elevation is: 0.0" or:

DISPOSAL FIELD CROSS-SECTION

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.

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



[signature] 255 7/1/03