May 4, Lot 48

RECEIVED
Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172
MAY 15 1998

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY LOCATION

Town or Location	AUGUSTA
Street Subdivision Lot #	DAM POND ROAD

AUGUSTA 3930 TOWN COPY

Date Permit Issued: 5/18/98 $ 100.00 FEE ☐ If Double Fee Charged

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

PROPERTY OWNERS NAME

Last: CAKE	First: BASIL
Mailing Address of Owner	RR 1 Box 2029 AUGUSTA ME 04330
Daytime Tel. #	(207) 622-0610

Municipal Tax Map # _____ Page # _____

Rnff insp 5/26/98 GRF

Owner 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.

Basil P Cake
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 Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:
1. ☒ First Time System
2. ☐ Multi-User System
3. ☐ Replacement System
4. ☐ Expanded System
   a. ☐ One-time exempted
   b. ☐ Non-exempted
5. ☐ Experimental System
6. ☐ Seasonal Conversion

THIS APPLICATION REQUIRES:
1. ☒ No Rule Variance
2. ☐ First Time System Variance (Municipal)
3. ☐ First Time System Variance (State)
4. ☐ Replacement System Variance
   a. ☐ Local Plumbing Inspector approval
   b. ☐ State & Local Plumbing Inspector approval
5. ☐ Minimum Lot Size Variance
6. ☐ Seasonal Conversion Variance

DISPOSAL SYSTEM COMPONENT(S)
1. ☒ Non-Engineered System
2. ☐ Primitive System
3. ☐ Alternative Toilet
   Specify _____
4. ☐ Non-Engineered Treatment Tank
5. ☐ Holding Tank _____ Gallons
6. ☐ Non-Engineered Disposal Area (only)
7. ☐ Separated Laundry System
8. ☐ Engineered System (+2000 gpd)
9. ☐ Engineered Treatment Tank (only)
10. ☐ Engineered Disposal Area (only)

SIZE OF PROPERTY
5± ACRES

SHORELAND ZONING
☒ Yes ☐ No

DISPOSAL SYSTEM TO SERVE:
1. ☒ Single Family Dwelling Unit
2. ☐ Multiple Family Dwelling Unit
   Number of Units _____
3. ☐ Other _____ SPECIFY

TYPE OF WATER SUPPLY
PROPOSED DRILLED WELL

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ Concrete
   ☒ Regular
   OR ☒ Low Profile
2. ☐ Plastic

SIZE 1000 Gallons

DISPOSAL AREA TYPE/SIZE
1. ☐ Stone Bed _____ Sq. Ft.
2. ☒ Proprietary Device 891 Sq. Ft.
   ☐ Clustered ☒ Linear
   ☒ Regular ☐ H-20
3. ☐ Trench _____ Lin. Ft.
4. ☐ Other _____

GARBAGE DISPOSAL UNIT
1. ☒ No
2. ☐ Yes
   ☐ Multi-compartment tank
   ☐ Tank in series
   ☐ Increase in tank capacity
   ☐ Filter on tank outlet

CRITERIA USED FOR DESIGN FLOW
(Show Calculations)

THREE BEDROOM SINGLE FAMILY DWELLING

3 BR x 90 GPD = 270 GPD

DESIGN FLOW: 270 (Gallons/Day)

PROFILE & DESIGN CLASS

PROFILE	DESIGN
3	C

DEPTH TO MOST LIMITING FACTOR 34"

DISPOSAL AREA SIZING
1. ☐ Small 2.0
2. ☐ Medium 2.60
3. ☒ Medium-Large 3.30
4. ☐ Large 4.10
5. ☐ Extra-Large 5.00

PUMPING
1. ☒ Not required
2. ☐ May be required
3. ☐ Required

DOSE _____ Gallons

SITE EVALUATOR'S STATEMENT

- DESIGN SUBJECT TO LOCAL, STATE AND FEDERAL ORDINANCES.

On 10 / 20 / 97 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed system is in compliance with the Subsurface Wastewater Disposal Rules.

Site Evaluator Signature	168 SE #	10-22-97 Date
JOHN W. LORD JR Print Name	(207) 445-3402 Telephone	

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

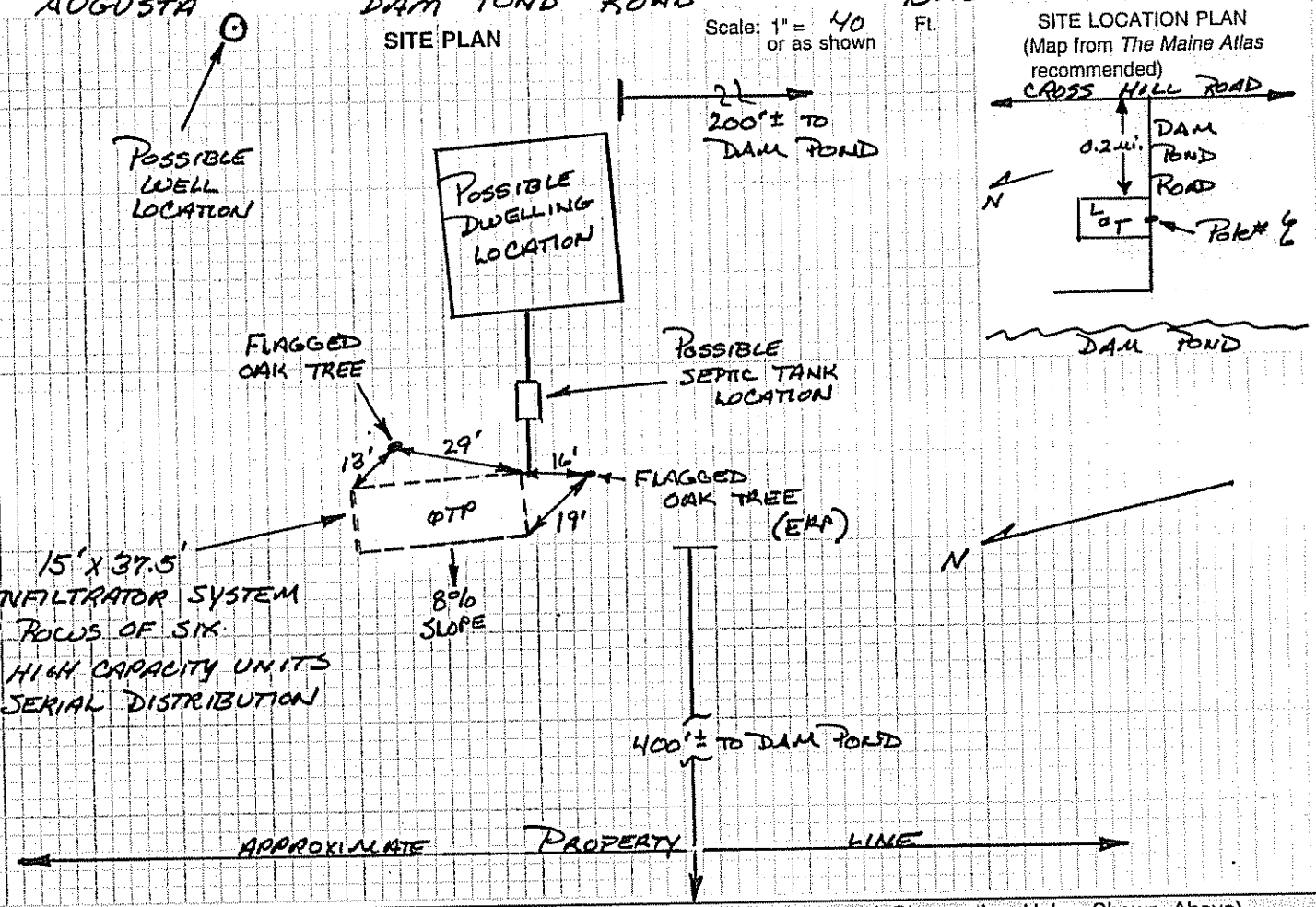
Town, City or Plantation: AUGUSTA

Street, Road or Subdivision: DAM POND ROAD

Name of Owner: BASIL CAKE

SITE PLAN

Scale: 1" = 40 or as shown Ft.



SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole TP 1 ☒ Test Pit ☐ Boring

ONE " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistency	Color	Mottling
0			BROWN	
6	BOULDERY			
10			ORANGE	
15	SANDY			
20			BROWN	
		FRIABLE		
			YELLOW	
30	LOAM		BROWN	
		FIRM	OLIVE BROWN	COMMON DISTINCT
40				
50				

Soil Profile	Class	Slope	Limiting Factor	
3	C	8 %	34"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

Observation Hole _____ ☐ Test Pit ☐ Boring

_____" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistency	Color	Mottling
0				
6				
10				
15				
20				
30				
40				
50				

Soil Profile	Class	Slope	Limiting Factor	
		%	"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature

SE # 168

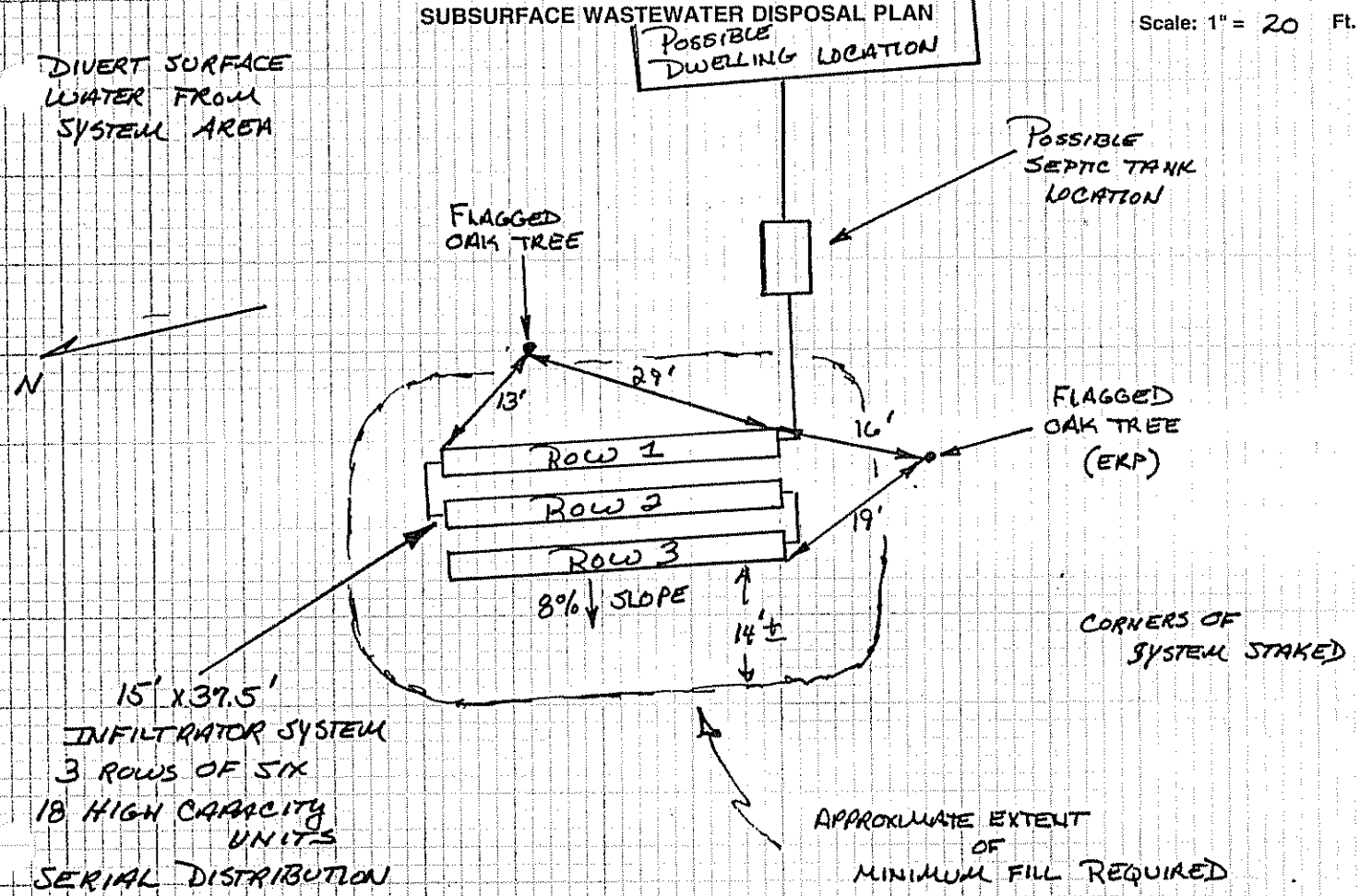
Date 10-22-97

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City or Plantation	Street, Road or Subdivision	Name of Owner
AUGUSTA	DAM POND ROAD	BASIL CAKE

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 Ft.



FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT (ERP)
Depth of Fill (Upslope) 22 "	Finished Grade Elevation – ERP IS AT → 0	Location & Description FLAGGED NAIL IN FLAGGED OAK TREE 37" ABOVE
Depth of Fill (Downslope) 25± "	Top of Distribution Pipe or Proprietary Device – SEE ATTACHED DIAGRAM AND BELOW	Reference & Elevation EXISTING GRADE AT TREE
	Bottom of Disposal Area	Scale:
		Vertical: 1" = Ft.
		Scale: 1" = Ft.

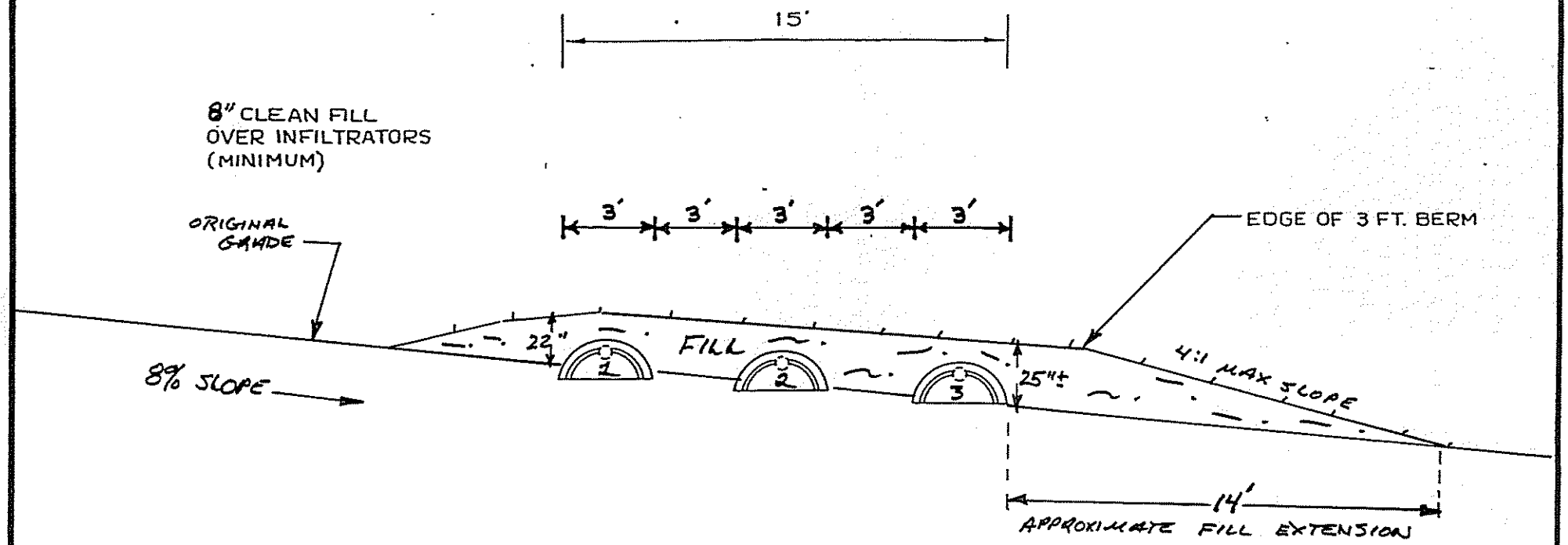
~~DISPOSAL AREA CROSS SECTION~~

CONSTRUCTION ELEVATIONS:

	BOTTOM OF TRENCH:	TOP OF INFILTRATOR:
ROW 1:	-50"	-34"
ROW 2:	-56"	-40"
ROW 3:	-62"	-46"

Site Evaluator Signature _____ SE # 168 Date 10-22-97

INFILTRATOR CROSS SECTION 7-8%



NOTES:

1. REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER INFILTRATORS AND FILL EXTENSION AREAS.
2. BOTTOM OF INFILTRATORS TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.
3. PROVIDE FOR SURFACE DRAINAGE AWAY FROM INFILTRATOR AREA.
4. FINISHED GRADE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION.

ORIGINAL GRADE

FILL UNDER INFILTRATORS TO BE GRAVELLY COARSE SAND TEXTURE.

FILL AROUND INFILTRATORS TO BE GRAVELLY COARSE SAND TEXTURE.

SITE EVALUATOR: JOHN W. LORD JR SE # 168		
OWNER: BASIL CAKE	NUMBER OF INFILTRATORS: 3 ROWS OF SIX 18	PERCENT SLOPE: 8%
LOCATION: AUGUSTA	ELEVATIONS: REFERENCE PT. 0	BOTTOM TRENCH #1 -50"
DATE: 10-22-97 / SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -56"	BOTTOM TRENCH #3 -62"