SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION

Town or Plantation	AUGUSTA
Street Subdivision Lot •	CROSS HILL ROAD

AUGUSTA Date Permit Issued: 11/12/99 4299 TOWN COPY $100.00 FEE ☐ If Double Fee Charged
Local Plumbing Inspector Signature L.P.I. # 1704

PROPERTY OWNER'S NAME

Last: WHITNEY First: DAVID

Applicant's Name	
Mailing Address of Owner	RR1 Box 2029 AUGUSTA ME 04330
Daytime Tel. •	(207) 622-4386

Municipal Tax Map • 4 Lot • 60

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

Signature of Owner/Applicant — Date: 12-16-99

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: 9/7/00

PERMIT INFORMATION

TYPE OF APPLICATION:

1. ☒ First Time System
2. ☐ Replacement System
   Type Replaced _____
   Year Installed _____
3. ☐ Expanded System
   ☐ a. one time exempted
   ☐ b. non exempted
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 Approval

DISPOSAL SYSTEM COMPONENT(S)

1. ☒ Non-Engineered System
2. ☐ Primitive System(graywater & alt toilet)
3. ☐ Alternative Toilet _____
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)
11. ☐ Pretreatment

SIZE OF PROPERTY

3 + ACRES

DISPOSAL SYSTEM TO SERVE:

1. ☒ Single Family Dwelling Unit
2. ☐ Multiple Family Dwelling: Number of Units _____
3. ☐ Other _____

SHORELAND ZONING

☐ Yes ☒ No

TYPE OF WATER SUPPLY

PROPOSED DRILLED WELL

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. ☒ Concrete
   ☒ a. Regular
   OR ☒ b. Low Profile
2. ☐ Plastic
3. ☐ Other _____

SIZE 1000 Gallons

DISPOSAL AREA TYPE / SIZE

1. ☐ Bed _____ Sq. Ft.
2. ☒ Proprietary Device 594 Sq. Ft.
   ☐ Cluster ☒ Linear
   ☒ Regular ☐ H-20
3. ☐ Trench
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)

TWO BEDROOM SINGLE FAMILY DWELLING

2 BR X 90 GPD = 180 GPD

DESIGN FLOW: 180 (Gallons/Day)

PROFILE & DESIGN CLASS

PROFILE	DESIGN
2	A III

DEPTH TO MOST LIMITING FACTOR 21 "

DISPOSAL AREA SIZING

1. ☐ Small - 2.00
2. ☐ Medium - 2.60
3. ☒ Medium-Large - 3.30
4. ☐ Large - 4.10
5. ☐ Extra-Large - 5.20

PUMPING

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

DOSE _____ Gallons

SITE EVALUATOR'S STATEMENT

On 7/29/98 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed sytem is in compliance with the Subsurface Wastewater Disposal Rules. - DESIGN SUBJECT TO LOCAL, STATE AND FEDERAL ORDINANCES.

Site Evaluator Signature — SE • 168 — Date 8-4-98

JOHN W. LORD JR — Site Evaluator Name Printed — Telephone (207) 445-3402

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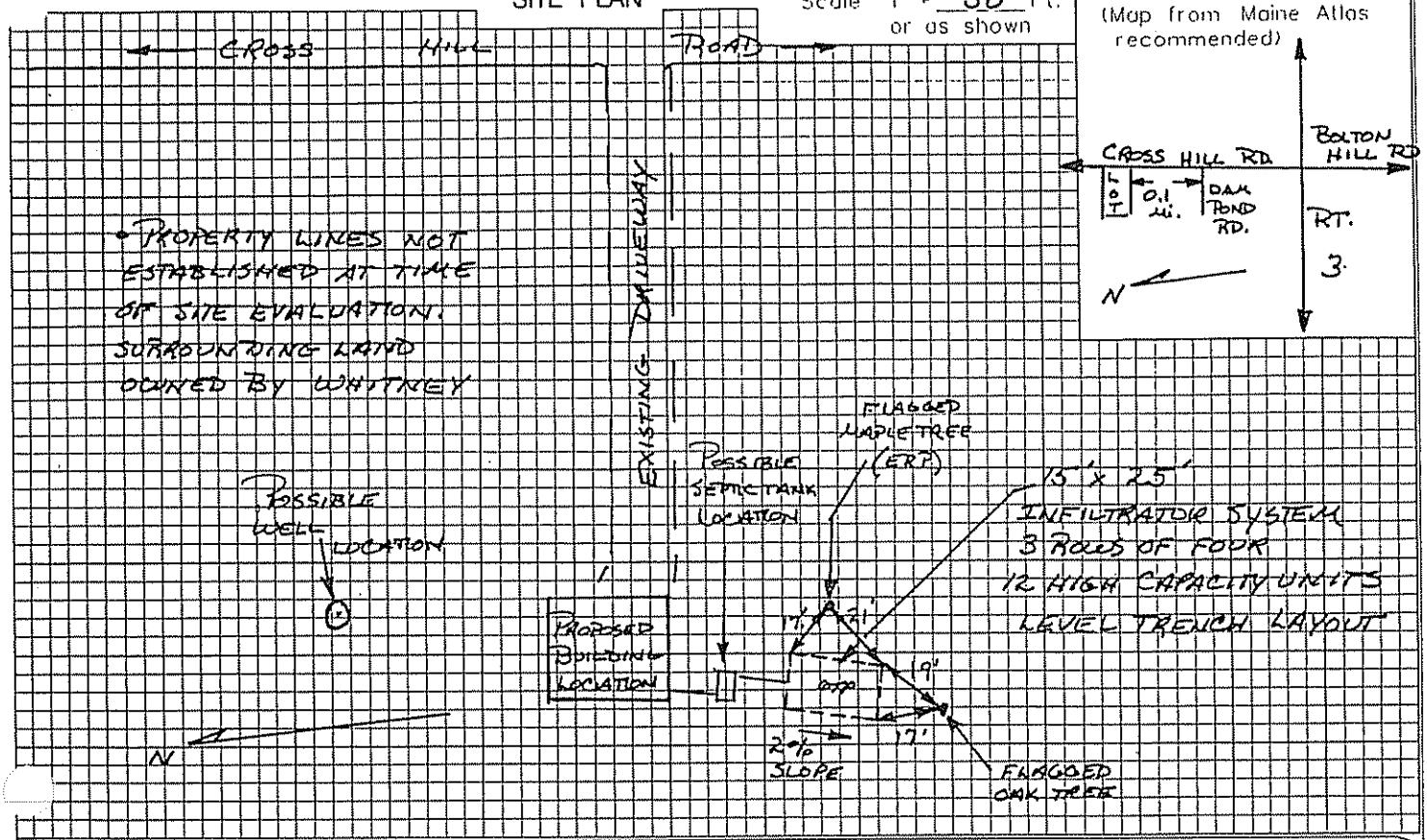
Town, City, Plantation: AUGUSTA

Street, Road Subdivision: CROSS HILL ROAD

Owner's Name: DAVID WHITNEY

SITE PLAN

Scale 1" = 50 Ft. or as shown



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)	Texture	Consistency	Color	Mottling
0–10	SANDY LOAM		BROWN	
10–20	FINE SANDY LOAM	FRIABLE	ORANGE BROWN	NONE OBSERVED
20–50	BEDROCK			

Soil Classification: Profile	Condition	Slope	Limiting Factor	
2	AIII	2 %	21"	☐ Ground Water ☐ Restrictive Layer ☒ Bedrock ☐ Pit Depth

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–50				

Soil Classification: Profile	Condition	Slope	Limiting Factor	
		%	"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Site Evaluator Signature: [signature] SE # 168 Date: 8-4-98

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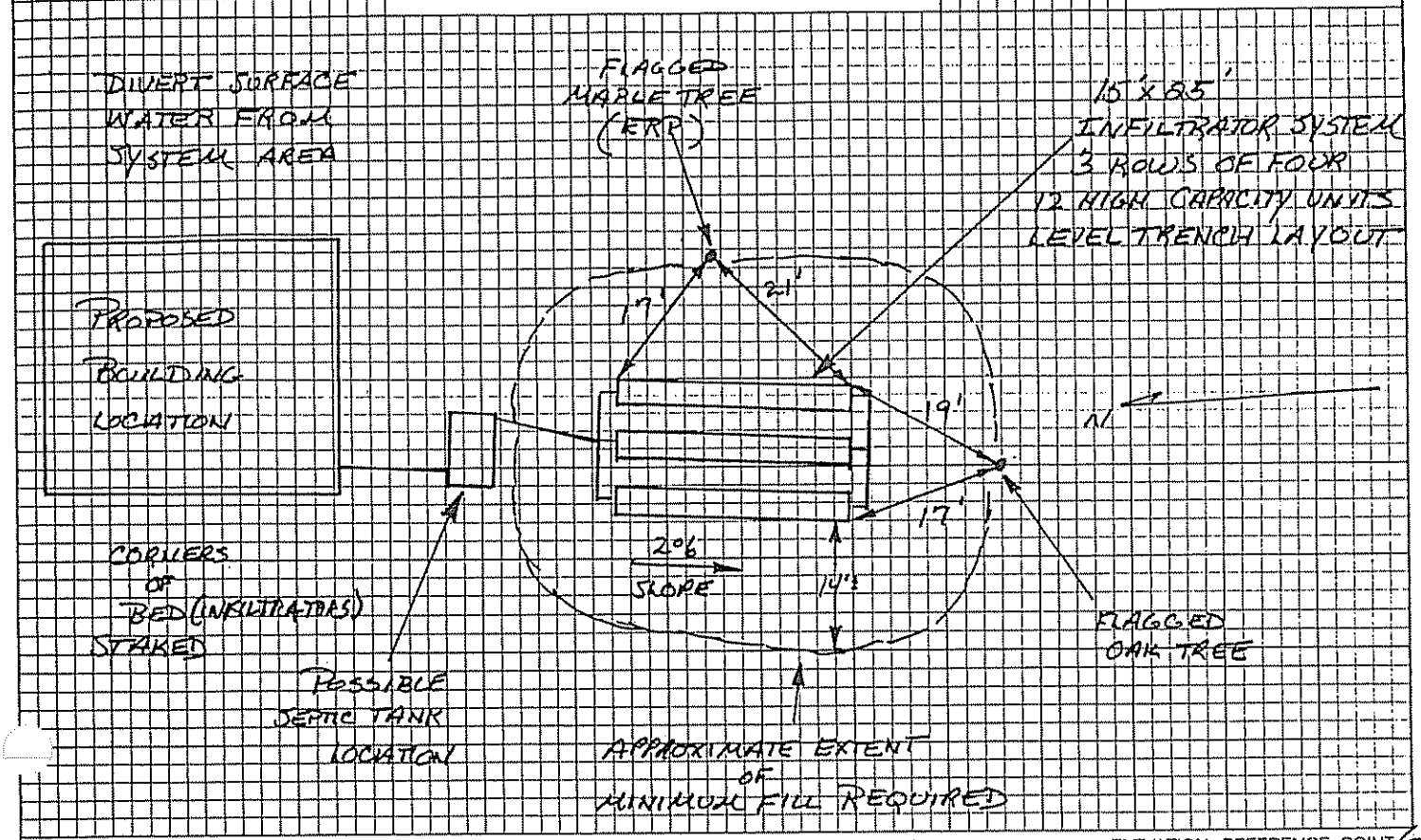
Town, City, Plantation	Street, Road, Subdivision	Owner's Name
AUGUSTA	CROSS HILL ROAD	DAVID WHITNEY

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT (ERP)
Depth of Fill (Upslope)	27"	Finished Grade Elevation - ERP IS AT →	0	Location & Description FLAGGED NAIL IN FLAGGED MAPLE TREE 40" ABOVE EXISTING GRADE AT TREE.
Depth of Fill (Downslope)	32" ±	Top of ~~Distribution Pipe or~~ Proprietary Device	-41"	
		Bottom of Disposal Area	-57"	Reference Elevation

DISPOSAL AREA CROSS SECTION

SCALE:
VERTICAL: 1" =
HORIZONTAL: 1" =

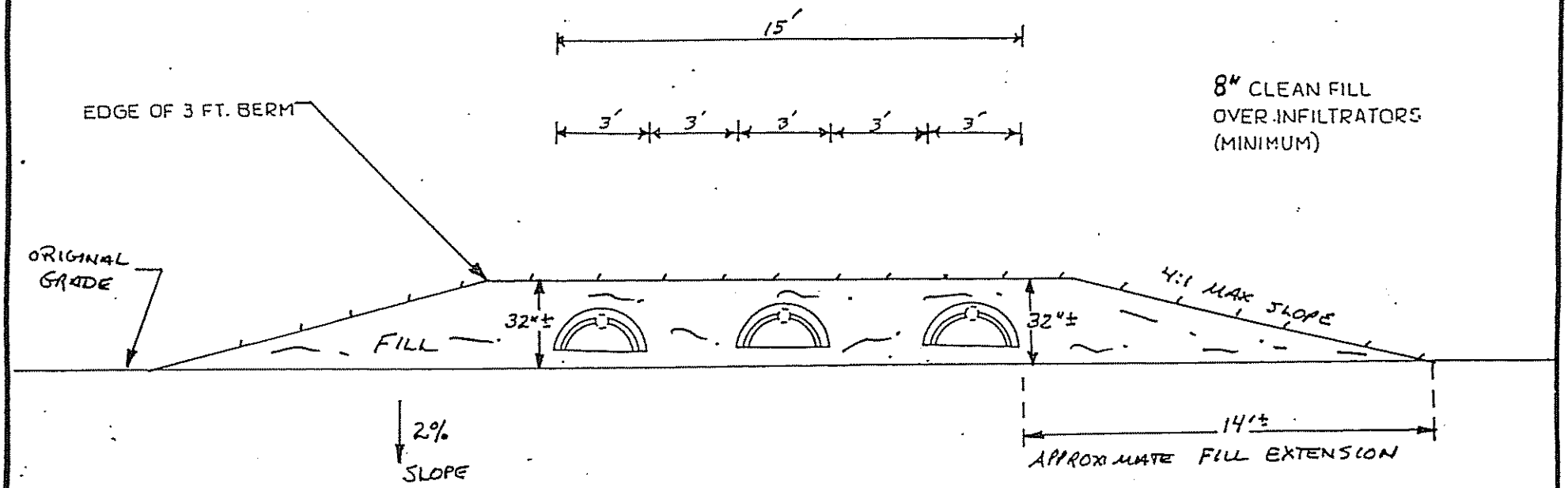
(SEE ATTACHED INFILTRATOR DIAGRAM)

Site Evaluator Signature

168
SE #

8-4-98
Date

INFILTRATOR CROSS-SECTION 2%



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. KORD JR. SE # 168		
OWNER: DAVID WHITNEY	NUMBER OF INFILTRATORS: 3 ROWS OF FOUR 12	PERCENT SLOPE: 2%
LOCATION: AUGUSTA	ELEVATIONS: REFERENCE PT. 0	BOTTOM TRENCH #1 -57"
DATE: 8-4-98	SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -57" BOTTOM TRENCH #3 -57"