FORMS

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

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

City, Town, or Plantation: AUGUSTA

Street or Road: #158 WEEKS MILLS ROAD

Subdivision, Lot #:

AUGUSTA 5305 TOWN COPY

Date Permit Issued: 6/9/04 $ 100.00 ☐ If Double Fee Charged

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

OWNER/APPLICANT INFORMATION

Name (last, first, MI): SPEAR, MARK ☒ Owner ☐ Applicant

Mailing Address of Owner/Applicant: 1791 B LEWISTON ROAD, LITCHFIELD, ME 04350

Daytime Tel. #: 207 441 3221

Municipal Tax Map # 8 Lot # 43-C

OWNER OR APPLICANT STATEMENT

I state and acknowledge 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 — (1st) date approved 8/9/04 — (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. Pre-treatment, specify:
- ☐ 12. Miscellaneous Components

SIZE OF PROPERTY

3½+ ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE

- ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 2
- ☐ 2. Multiple Family Dwelling, No. of Units:
- ☐ 3. Other: (specify)

Current Use ☐ Seasonal ☐ Year Round ☒ Undeveloped

TYPE OF WATER SUPPLY

PROPOSED

- ☒ 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
  - OR ☒ b. Low Profile
- ☐ 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: 594 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

☒ 1. No ☐ 2. Yes ☐ 3. Maybe

If Yes or Maybe, specify one below:

- ☐ a. multi-compartment tank
- ☐ b. ___ tanks in series
- ☐ c. Increase in tank capacity
- ☐ d. Filter on Tank Outlet

DESIGN FLOW

180 gallons per day

BASED ON:

- ☒ 1. Table 501.1 (dwelling unit(s))
- ☐ 2. Table 501.2 (other facilities)

SHOW CALCULATIONS — for other facilities —

RECEIVED MAY 14 2004

☐ 3. Section 503.0 (meter readings)

ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE	CONDITION	DESIGN
3	C	1

at Observation Hole # TP1

Depth 28"

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 systems:

DOSE: ____ gallons

SITE EVALUATOR STATEMENT

I certify that on 5/6/04 (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).

Site Evaluator Signature — SE # 168 — Date 5/7/04

JOHN W LORD JR — Site Evaluator Name Printed — 207 445 3402 Telephone Number — E-mail Address

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

DESIGN SUBJECT TO LOCAL, STATE & FEDERAL ORDINANCES.

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HHE-200 Rev. 8/01

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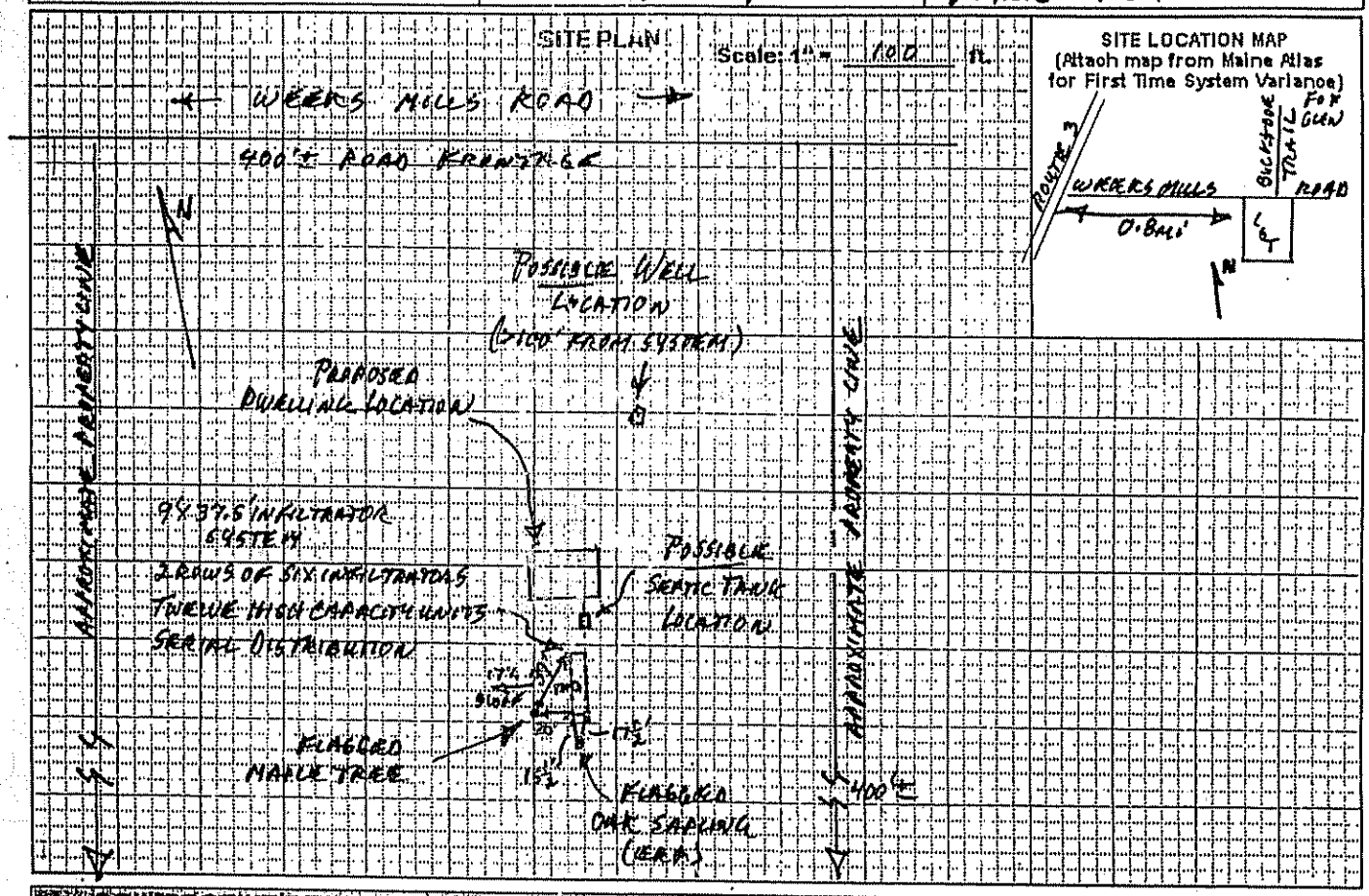
Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	WEEKS MILLS ROAD	MARK SPEAR

SITE PLAN Scale: 1" = 100 ft.



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

Observation Hole # TP1 ☒ Test Pit ☐ Boring

ONE" Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6			BROWN	
6–12			ORANGE BROWN	
12–18	SANDY	FRIABLE	YELLOW	
18–24			BROWN	
24–30	LOAM			
30–36		FIRM	OLIVE	COMMON
36–42			BROWN	DISTINCT
42–48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
3	C	17	28"	☒ 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				
6–12				
12–18				
18–24				
24–30				
30–36				
36–42				
42–48				

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

Site Evaluator Signature _____ SE # 168 Date 5/7/04

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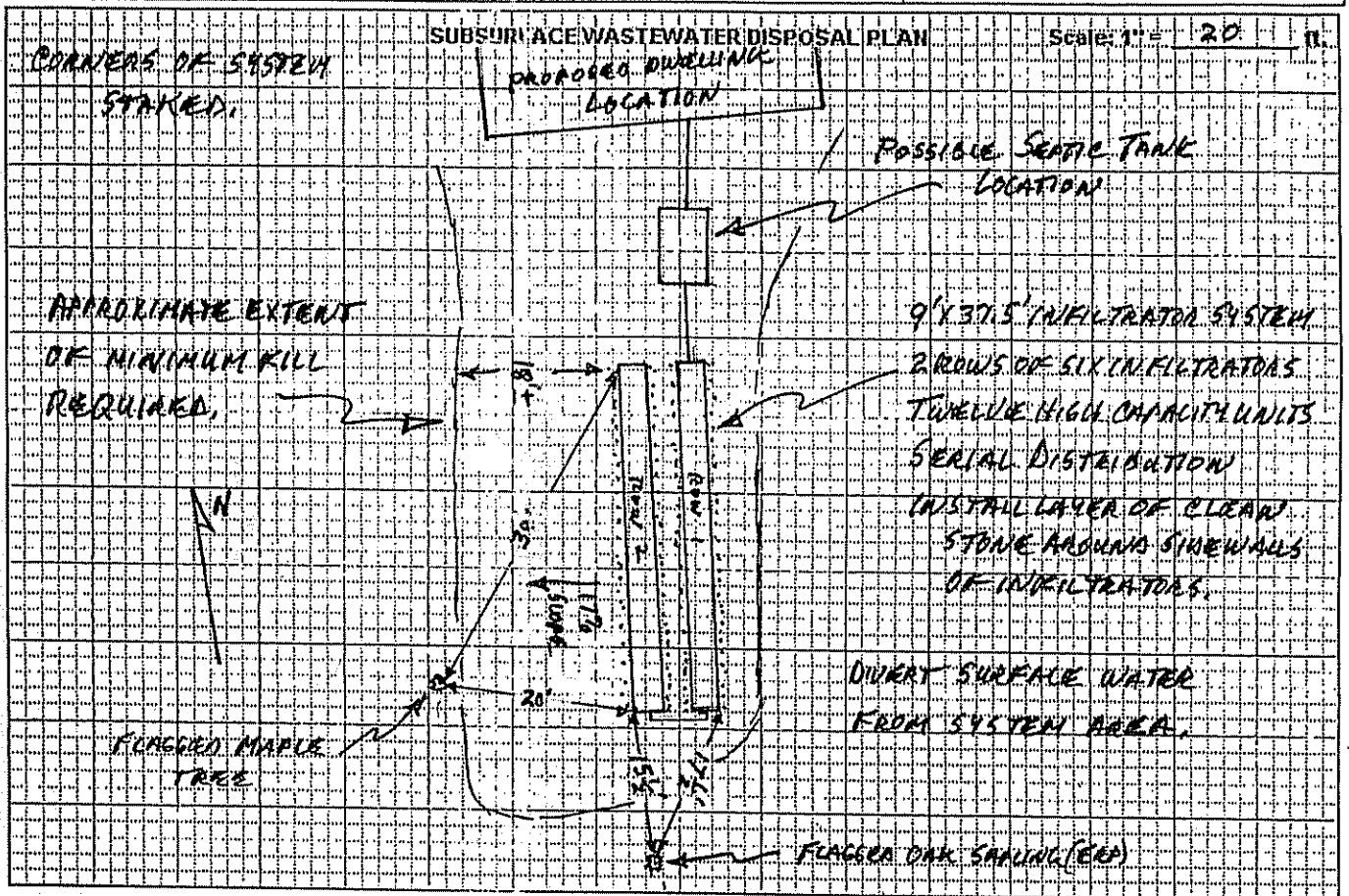
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft.



BACKFILL REQUIREMENTS

Depth of Backfill (upslope) 8 "
Depth of Backfill (downslope) 15± "
DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation SEE ATTACHED DRAWING "
Top of Distribution Pipe or Proprietary Device "
Bottom of Disposal Field AND BELOW "

ELEVATION REFERENCE POINT (ERP)

Location & Description: FLAGGED NAIL IN OAK TREE 55" ABOVE GRADE AT TREE
Reference Elevation is: 0.0" ≈

DISPOSAL FIELD CROSS-SECTION

Scales:
Vertical: 1" = N/A ft.
Horizontal: 1" = ft.

CONSTRUCTION ELEVATIONS:

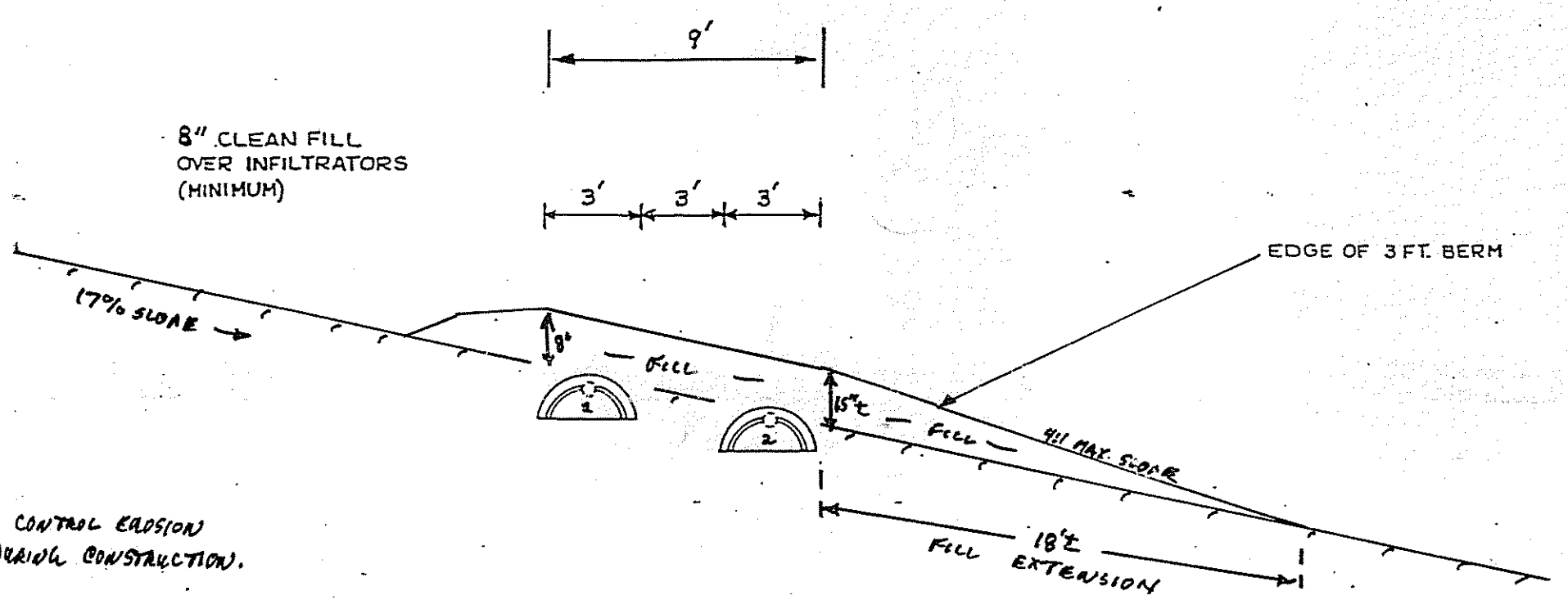
	Bottom of Trench	Top of Infiltrator	Finished Grade
Row 1	-50"	-34"	-26"
Row 2	-68"	-52"	-44"

Site Evaluator Signature

168
SE #

5/7/04
Date

INFILTRATOR CROSS SECTION 17 %



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 LEVELED INTO ORIGINAL SOILS TEXTURE.

FILL AROUND INFILTRATORS TO BE LAYER OF CLEAN STONE BETWEEN GRAVELLY COARSE SAND TEXTURE.

INTERFACE FILL INTO ORIGINAL SOILS

SITE EVALUATOR: JOHN W LORD JR SE# 168		
OWNER: MARK SPEAR	NUMBER OF INFILTRATORS: 2 ROWS OF 5 1X 12	PERCENT SLOPE: 17
LOCATION: AUGUSTA	ELEVATIONS: REFERENCE PT. 0	BOTTOM TRENCH #1 -50"
DATE: 5/7/04	SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -68"

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