Copy

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 *	~~Summerhaven~~ Gould Road

AUGUSTA Date Permit Issued: 12/3/99 — 4308 TOWN COPY $ 10/00 FEE — ☐ If Double Fee Charged — L.P.I. # 850 — Local Plumbing Inspector Signature

PROPERTY OWNER'S NAME

Last: La Croix	First: Germain
Applicant's Name	
Mailing Address of Owner	4170 Summerhaven Road Augusta, ME 04330
Daytime Tel. *	622-5191

Municipal Tax Map * ____ / Lot * 44

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

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules/Application

RDM/JMP 12-13-99 GCP

Local Plumbing Inspector Signature — Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION:

1. ☐ First Time System
2. ☒ Replacement System
   Type Replaced Steel Tank and?
   Year Installed 50's ?
3. ☐ Expanded System
   - ☐ a. one time exempted
   - ☐ b. non exempted
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. ☒ 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

4± ac

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE:

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

TYPE OF WATER SUPPLY

Dug well / Proposed Drilled well

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. ☒ Concrete
   - ☒ a. Regular Monolitic
   - ☐ b. Low Profile
2. ☐ Plastic
3. ☐ Other ____

SIZE ____ Gallons

DISPOSAL AREA TYPE / SIZE

1. ☐ Bed ____ Sq. Ft.
2. ☒ Proprietary Device 600 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)

3 Bedroom Residence

DESIGN FLOW: 270 (Gallons/Day)

PROFILE & DESIGN CLASS

PROFILE	DESIGN
8	C

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 9/28/99 (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.

Friedrich K Buschmann	5232	4 Oct 99
Site Evaluator Signature	SE *	Date
Friedrich K. Buschmann	683-6321	
Site Evaluator Name Printed	Telephone	

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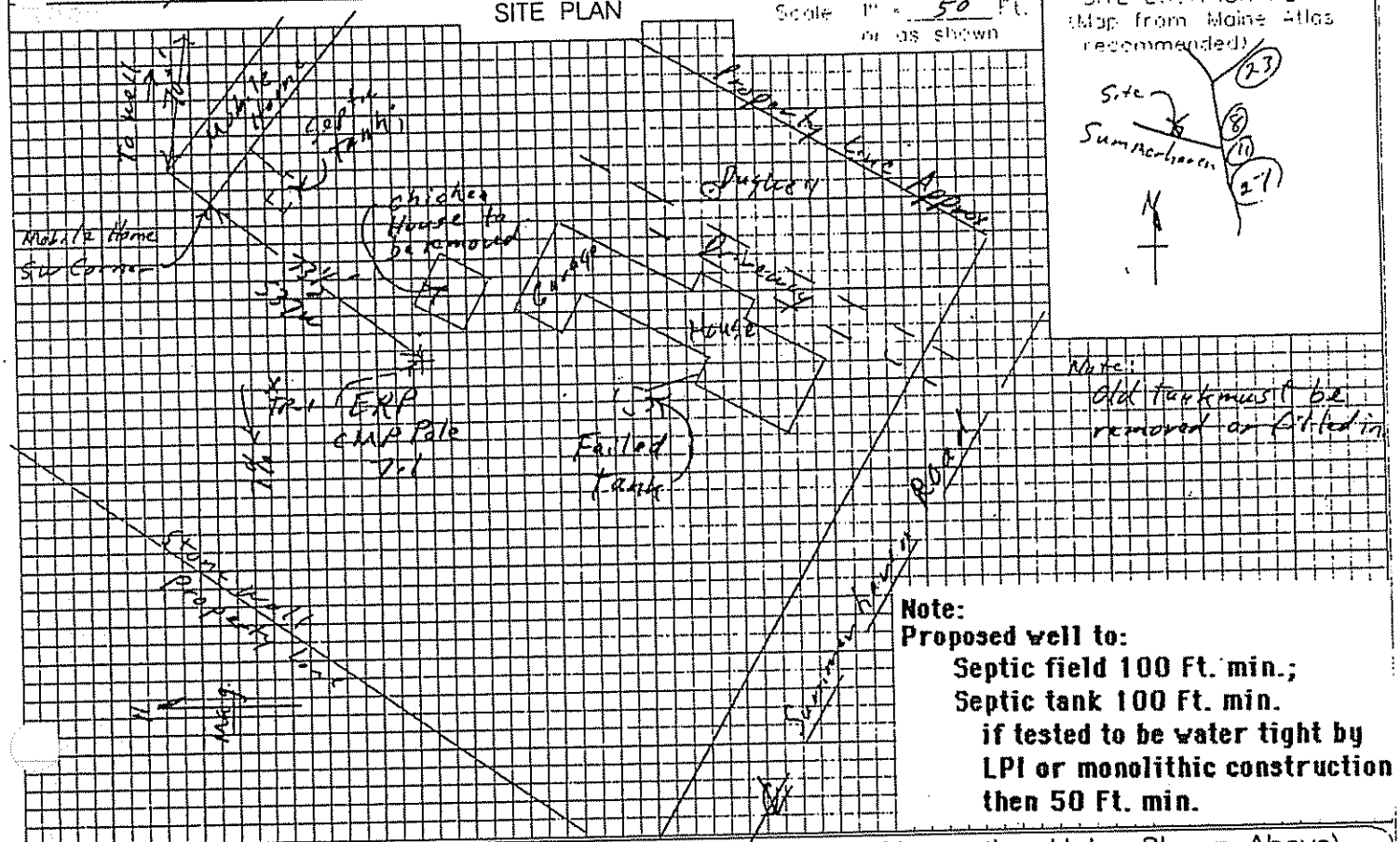
Town, City, Plantation: Augusta

Street, Road Subdivision: Summer Haven Road

Owner's Name: Germain LaCroix

SITE PLAN

Scale 1" = 50 Ft. or as shown



SITE LOCATION PLAN (Map from Maine Atlas recommended)

Note:
Proposed well to:
Septic field 100 Ft. min.;
Septic tank 100 Ft. min.
if tested to be water tight by LPI or monolithic construction then 50 Ft. min.

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

Observation Hole TP-1 ☒ Test Pit ☐ Boring

_____" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–10	Loamy		Brown	
10–20	Sand	b/o	very Dark Brown	
20–30		pr	Yellow Brown	Distinct
30–40			Grey	
40–50				

Soil Classification: Profile	Condition	Slope	Limiting Factor	
8	C	7 %	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
0–10				
10–20				
20–30				
30–40				
40–50				

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

Friedrich K Bond — Site Evaluator Signature

5232 — SE #

4 Oct 99 — Date

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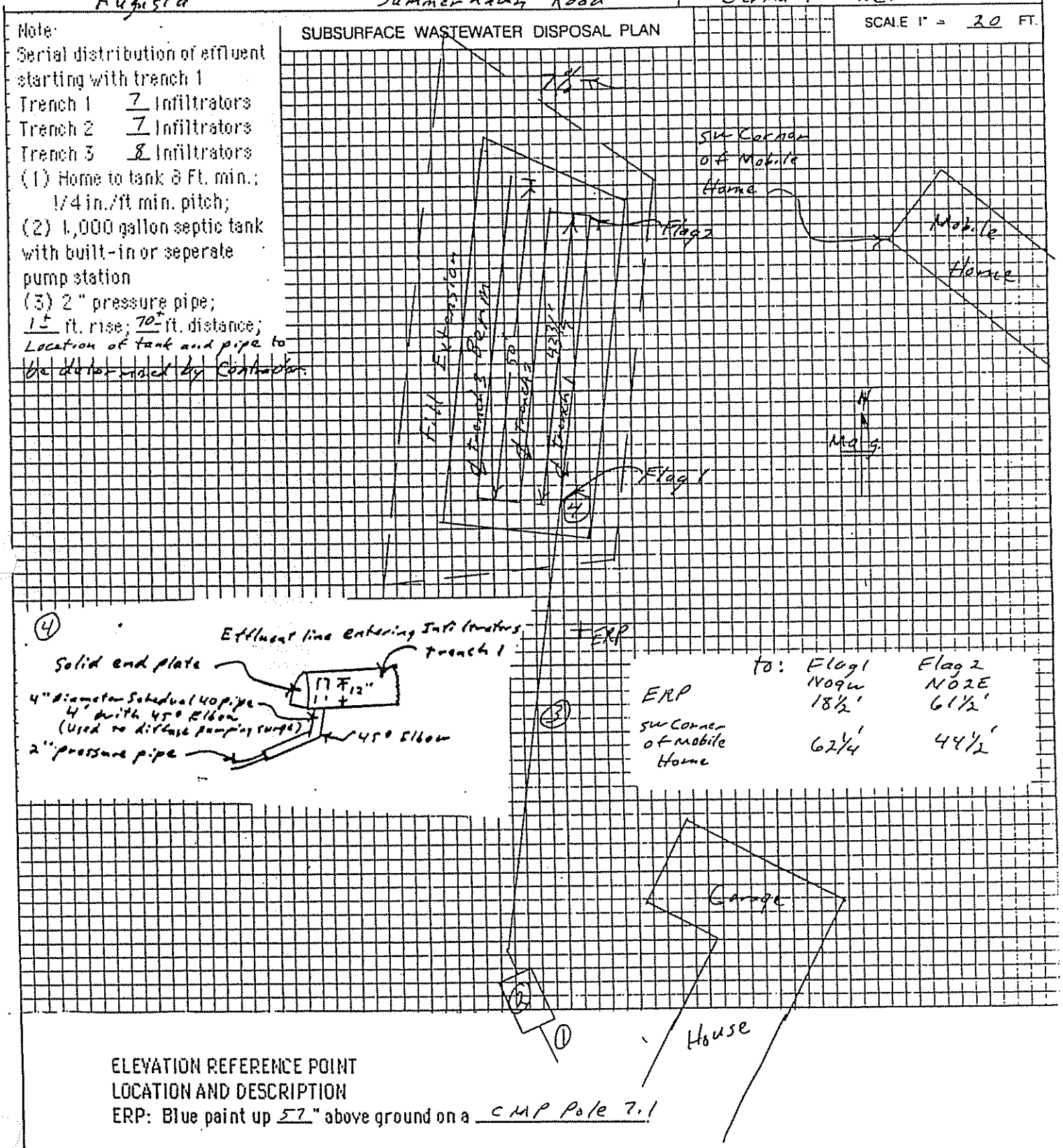
Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Augusta	Summerhaven Road	Germain LaCroix

Note:
Serial distribution of effluent starting with trench 1
Trench 1 7 Infiltrators
Trench 2 7 Infiltrators
Trench 3 8 Infiltrators
(1) Home to tank 8 Ft. min.; 1/4 in./ft min. pitch;
(2) 1,000 gallon septic tank with built-in or seperate pump station
(3) 2" pressure pipe; 1± ft. rise; 70± ft. distance;
Location of tank and pipe to be determined by Contractor.

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.



	to: Flag 1 N09W	Flag 2 N02E
ERP	18½'	61½'
SW Corner of Mobile Home	62¼'	44½'

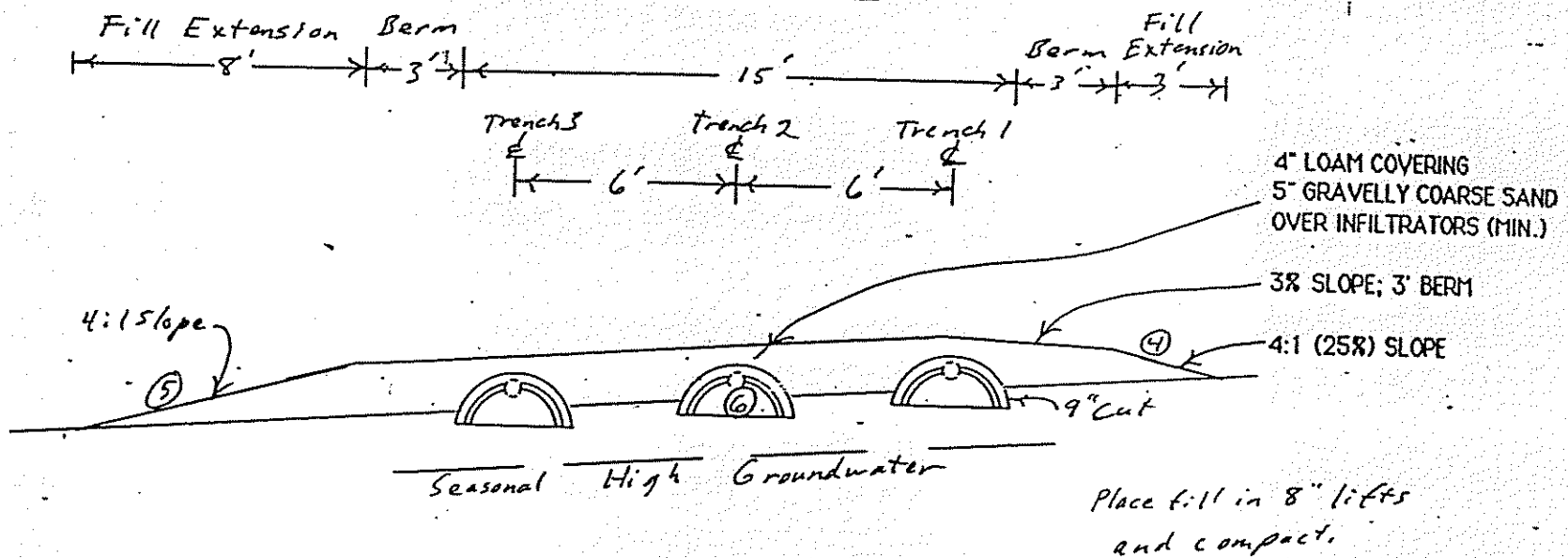
ELEVATION REFERENCE POINT
LOCATION AND DESCRIPTION
ERP: Blue paint up 57" above ground on a CMP Pole 7.1

Friedrich R Buschmann — Site Evaluator Signature
S232 — SE #
4 Oct 99 — Date

TOWN Augusta LOCATION Summer haven Rd OWNER'S NAME Germain LaCroix

INFILTRATOR CROSS-SECTION 7-8 %

FACING North



Place fill in 8" lifts and compact.

12" SEPERATION BETWEEN LIMITING FACTOR AND INFILTRATOR BOTTOMS

BACKFILL UNDER AND AROUND CHAMBERS: GRAVELLY COARSE SAND

FILL REQUIREMENTS

DEPTH OF FILL AT OUTSIDE EDGE OF 3' BERM

UPSLOPE	12"	
DOWNSLOPE	17"	

SCALE: 1 INCH = 5 FEET

NUMBER OF INFILTRATORS 22

PERCENT SLOPE 7 %

ELEVATIONS: REFERENCE POINT AT **0 INCHES**

TRENCHES	BOTTOM	CHAMBER TOP	Finished Grade
TR. 1	-59"	-43"	-34"
TR. 2	-64"	-48"	-39"
TR. 3	-69"	-53"	-44"
TR. 4			
TR. 5			

(ORIGINAL SURFACE AT TR. 1 -50")

NOTES:

(1) REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER INFILTRATORS AND FILL EXTENTION AREAS.

(2) BOTTOM OF INFILTRATORS TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.

(3) TRANSITION ZONE: 4" OF BACKFILL MATERIAL MUST BE MIXED INTO ORIGINAL SOIL.

(4) PROVIDE FOR SURFACE DRAINAGE AWAY FROM INFILTRATOR AREA.

(5) FINISHED GRADE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION.

(6) HEIGHT OF INFILTRATOR IS 16".

SITE EVALUATOR FRIEDRICH K. BUSCHMANN Friedrich K Buschmann S232 DATE 4 Oct 99